

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044470.D
 Acq On : 18 Feb 2020 13:20
 Operator : CG/JU
 Sample : PB126850BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Quant Time: Feb 18 15:01:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 14:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68368	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	277882	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175971	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	398078	20.00	ng	0.00
76) Chrysene-d12	21.52	240	396649	20.00	ng	0.00
87) Perylene-d12	24.60	264	329242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	458735	118.42	ng	0.00
7) Phenol-d6	7.07	99	591630	113.73	ng	0.00
23) Nitrobenzene-d5	9.05	82	311415	63.27	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	235908	114.20	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	698978	66.52	ng	0.00
79) Terphenyl-d14	19.89	244	1192080	61.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	59579	34.231	ng	99
3) Pyridine	3.74	79	146679	31.631	ng	96
4) n-Nitrosodimethylamine	3.65	42	71115	36.700	ng	99
6) Aniline	7.21	93	155054	24.013	ng	98
8) 2-Chlorophenol	7.46	128	177299	41.644	ng	98
9) Benzaldehyde	7.02	77	21736	7.336	ng	94
10) Phenol	7.09	94	214417	41.648	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	162210	36.854	ng	98
12) 1,3-Dichlorobenzene	7.78	146	187684	36.922	ng	96
13) 1,4-Dichlorobenzene	7.92	146	187295	37.201	ng	99
14) 1,2-Dichlorobenzene	8.25	146	179451	37.709	ng	98
15) Benzyl Alcohol	8.13	79	146137	39.680	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	212676	35.700	ng	97
17) 2-Methylphenol	8.35	107	147360	40.118	ng	97
18) Hexachloroethane	8.97	117	69065	36.556	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	124853	36.013	ng	96
20) 3+4-Methylphenols	8.67	107	201101	39.726	ng	99
22) Acetophenone	8.71	105	236549	34.992	ng	97
24) Nitrobenzene	9.09	77	178598	37.168	ng	98
25) Isophorone	9.62	82	344570	37.559	ng	100
26) 2-Nitrophenol	9.80	139	99810	40.031	ng	97
27) 2,4-Dimethylphenol	9.87	122	161507	45.888	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	214628	35.070	ng	99
29) 2,4-Dichlorophenol	10.34	162	170518	40.067	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	175789	36.023	ng	100
31) Naphthalene	10.74	128	517158	38.359	ng	100
32) Benzoic acid	10.01	122	39571	26.200	ng	93
33) 4-Chloroaniline	10.85	127	140609	22.932	ng	97
34) Hexachlorobutadiene	11.04	225	103891	34.599	ng	98
35) Caprolactam	11.64	113	73466	47.124	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	174938	39.206	ng	97
37) 2-Methylnaphthalene	12.35	142	375454	37.508	ng	99
38) 1-Methylnaphthalene	12.57	142	353579	37.466	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	185659	35.270	ng	100

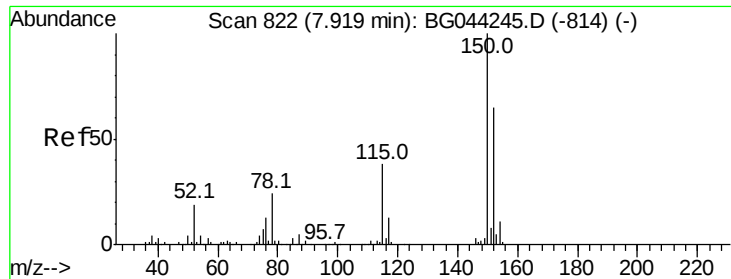
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044470.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	123457	48.879	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	137722	40.478	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	146930	42.279	ng	99
46) 1,1'-Biphenyl	13.36	154	468626	36.920	ng	98
47) 2-Chloronaphthalene	13.40	162	367589	36.393	ng	99
48) 2-Nitroaniline	13.60	65	109954	36.887	ng	96
49) Acenaphthylene	14.25	152	580528	39.186	ng	99
50) Dimethylphthalate	13.99	163	473783	37.455	ng	99
51) 2,6-Dinitrotoluene	14.10	165	107286	38.040	ng	99
52) Acenaphthene	14.60	154	358062	37.289	ng	98
53) 3-Nitroaniline	14.43	138	89220	28.593	ng	99
54) 2,4-Dinitrophenol	14.64	184	141583	84.270	ng	98
55) Dibenzofuran	14.93	168	560787	38.573	ng	98
56) 4-Nitrophenol	14.76	139	218473	95.585	ng	97
57) 2,4-Dinitrotoluene	14.89	165	155838	39.423	ng	99
58) Fluorene	15.58	166	445802	38.931	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133285	42.460	ng	98
60) Diethylphthalate	15.36	149	483785	38.383	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	227256	36.602	ng	99
62) 4-Nitroaniline	15.60	138	120684	38.707	ng	96
63) Azobenzene	15.87	77	422610	38.257	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	105843	48.168	ng	98
66) n-Nitrosodiphenylamine	15.79	169	415895	37.280	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	138355	31.901	ng	94
68) Hexachlorobenzene	16.60	284	151507	31.181	ng	99
69) Atrazine	16.74	200	144047	37.672	ng	97
70) Pentachlorophenol	16.94	266	199602	81.187	ng	98
71) Phenanthrene	17.32	178	741866	38.486	ng	98
72) Anthracene	17.41	178	757847	39.766	ng	98
73) Carbazole	17.68	167	736822	41.939	ng	99
74) Di-n-butylphthalate	18.25	149	900432	41.473	ng	98
75) Fluoranthene	19.33	202	925167	41.489	ng	99
77) Benzidine	19.51	184	158841	14.437	ng	98
78) Pyrene	19.69	202	790736	31.042	ng	98
80) Butylbenzylphthalate	20.58	149	428069	36.876	ng	98
81) Benzo(a)anthracene	21.50	228	936962	38.328	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	278461	29.350	ng	98
83) Chrysene	21.57	228	895513	37.899	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	606483	37.958	ng	100
85) Di-n-octyl phthalate	22.58	149	1083417	39.190	ng	98
86) Indeno(1,2,3-cd)pyrene	28.09	276	1147249	37.215	ng	99
88) Benzo(b)fluoranthene	23.63	252	983329	51.830	ng	98
89) Benzo(k)fluoranthene	23.69	252	976187	52.793	ng	98
90) Benzo(a)pyrene	24.46	252	912047	50.845	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	966041	54.417	ng	99
92) Benzo(g,h,i)perylene	29.17	276	987264	55.553	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

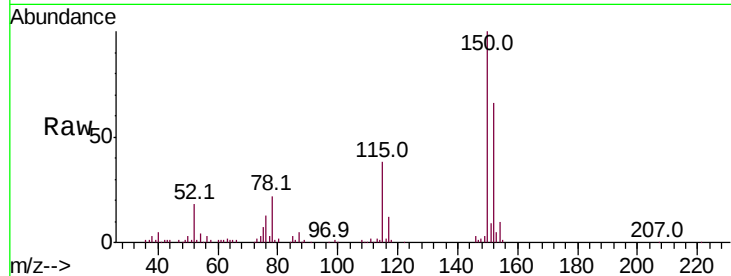


#1

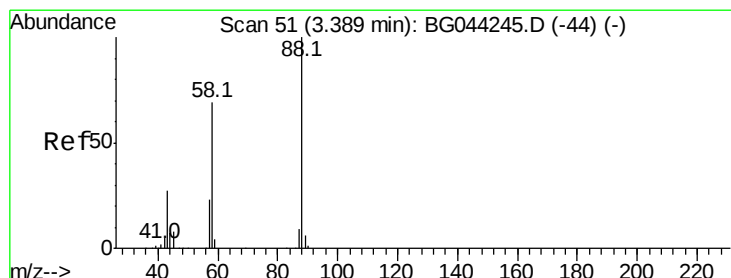
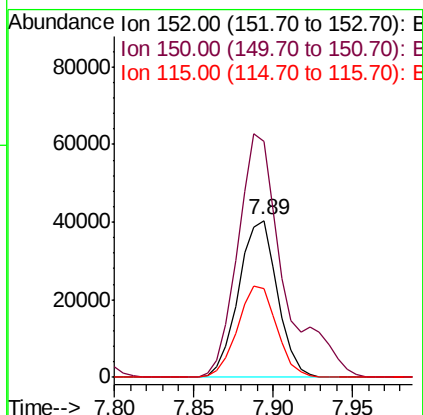
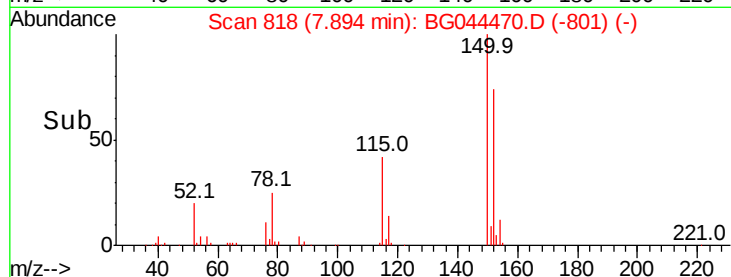
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:152 Resp: 68368
Ion Ratio Lower Upper
152 100
150 150.7 122.6 183.8
115 56.6 46.0 69.0



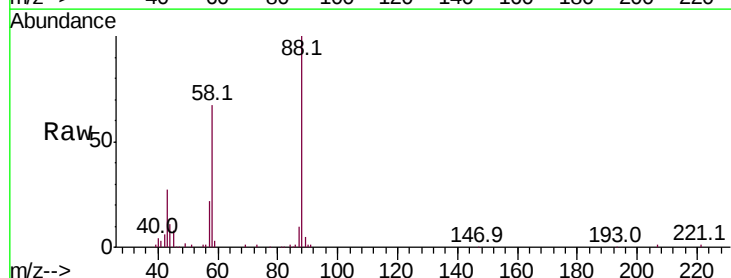
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



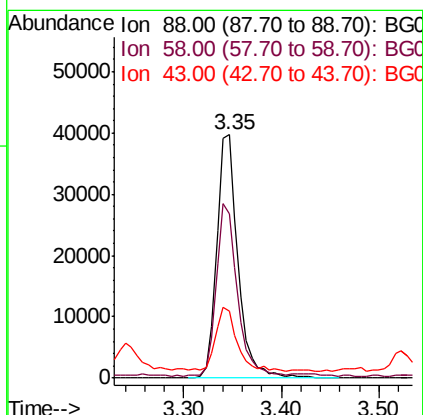
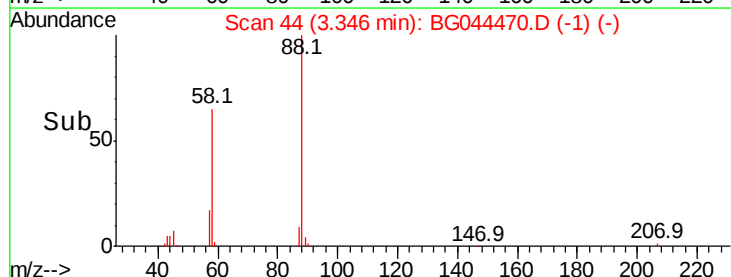
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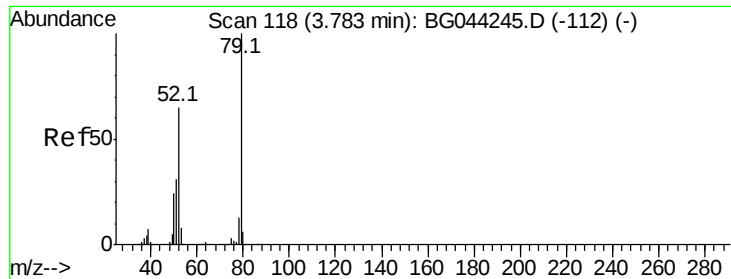
1,4-Dioxane
Concen: 34.231 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion: 88 Resp: 59579
Ion Ratio Lower Upper
88 100
58 69.0 55.8 83.6
43 26.2 21.6 32.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.631 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

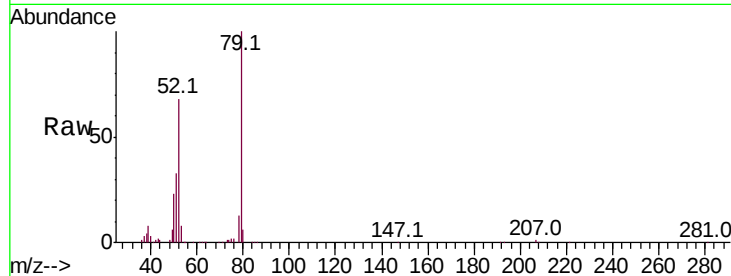
Tot Ion: 79 Resp: 146679

Ion Ratio Lower Upper

79 100

52 68.2 51.9 77.9

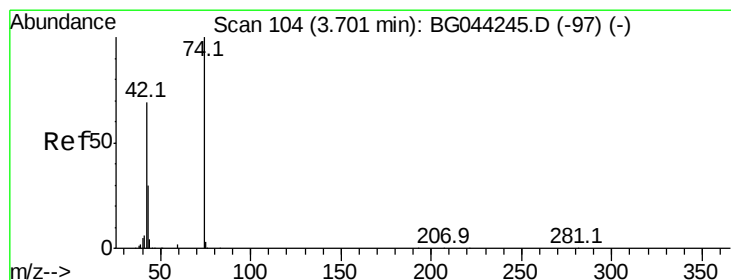
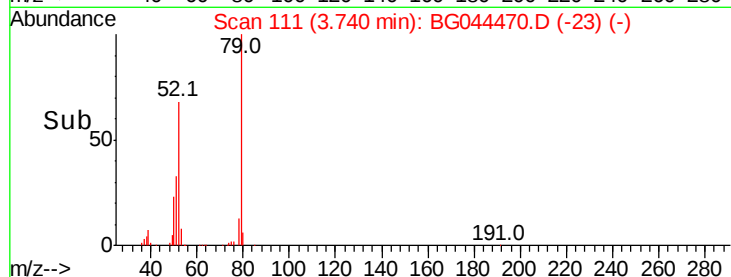
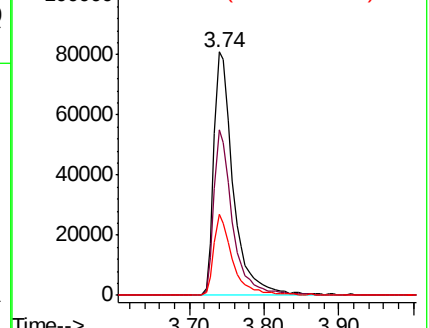
51 33.1 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.700 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

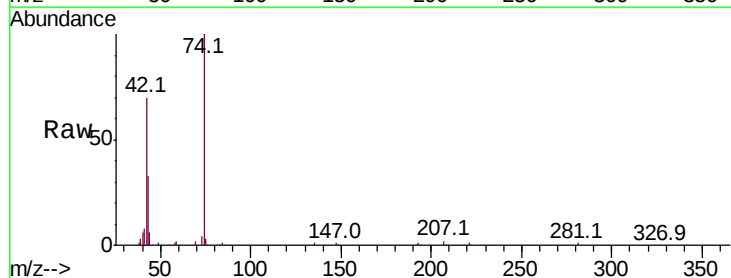
Tgt Ion: 42 Resp: 71115

Ion Ratio Lower Upper

42 100

74 142.7 115.1 172.7

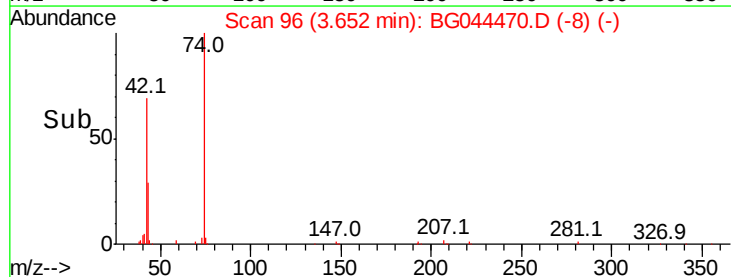
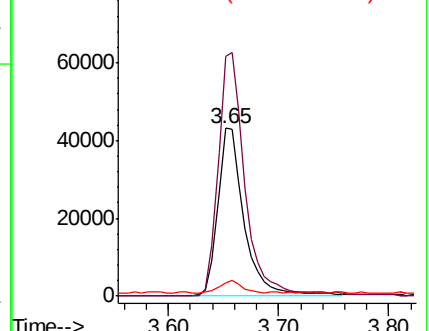
44 8.0 5.6 8.4

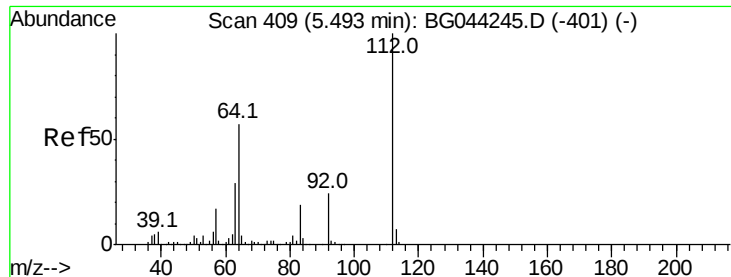


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.417 ng

RT: 5.47 min Scan# 406

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

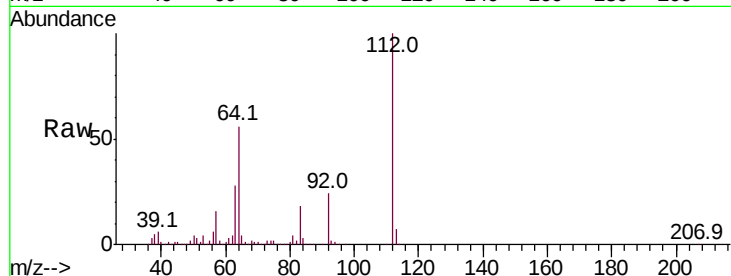
Tot Ion:112 Resp: 458735

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

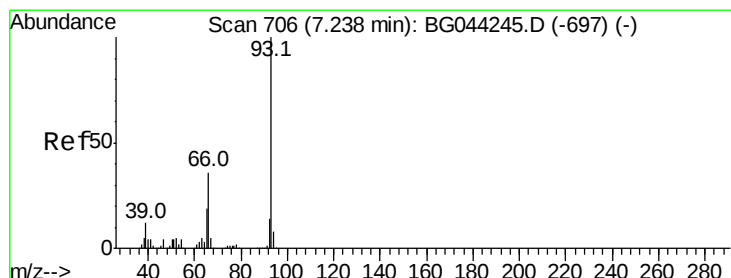
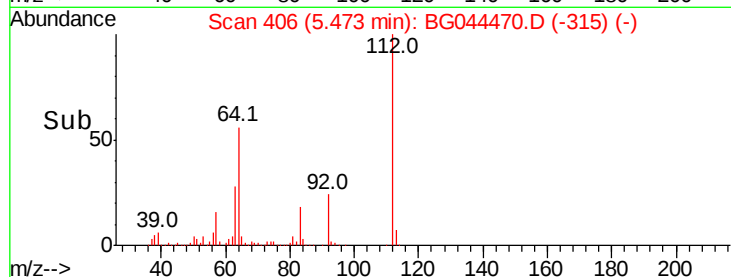
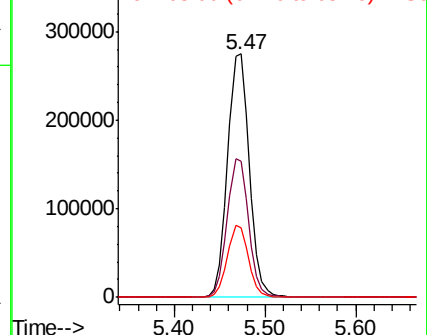
63 28.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.013 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

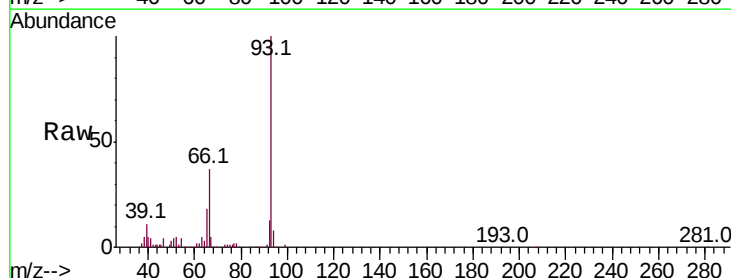
Tgt Ion: 93 Resp: 155054

Ion Ratio Lower Upper

93 100

66 37.4 28.7 43.1

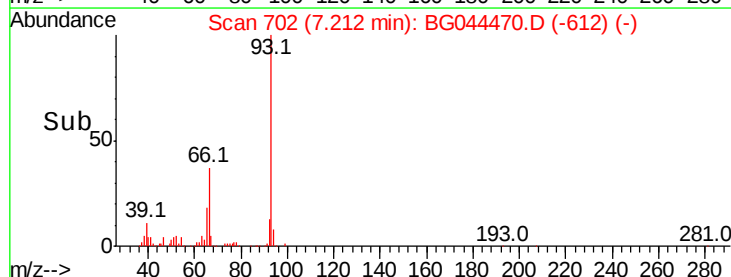
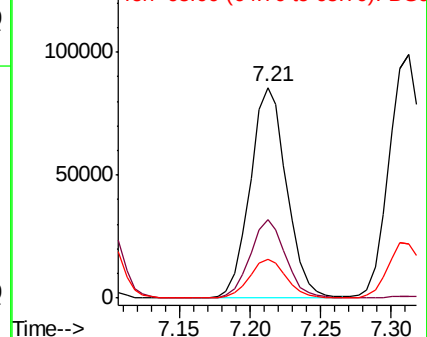
65 18.2 15.4 23.0

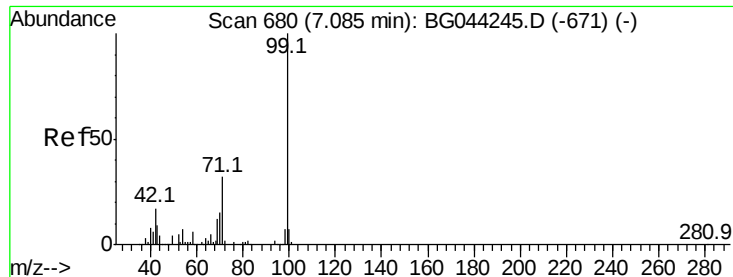


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.730 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

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ClientSampleId :

PB126850BS

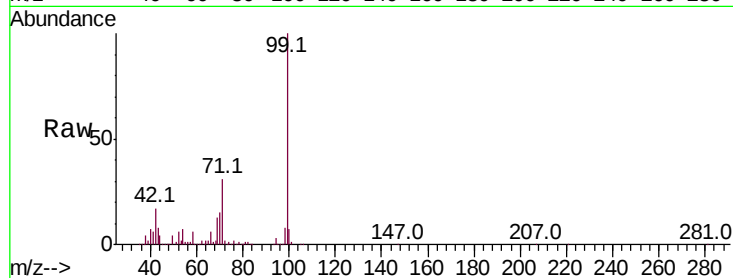
Tot Ion: 99 Resp: 591630

Ion Ratio Lower Upper

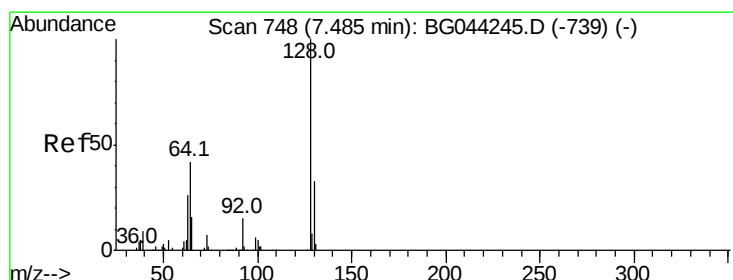
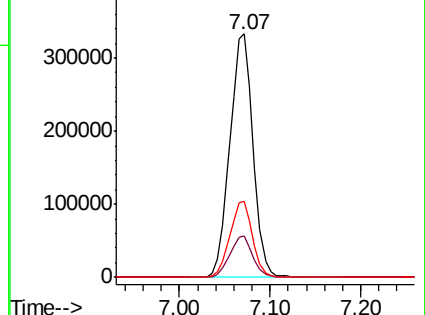
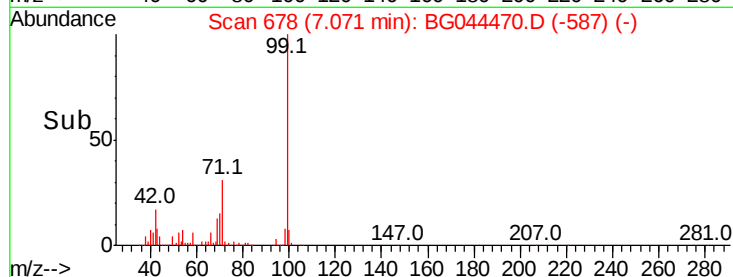
99 100

42 16.8 13.8 20.6

71 31.0 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.644 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

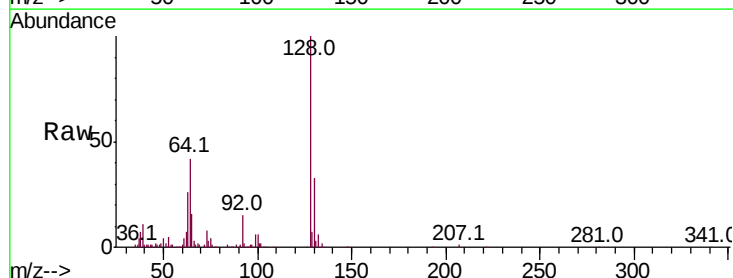
Tgt Ion:128 Resp: 177299

Ion Ratio Lower Upper

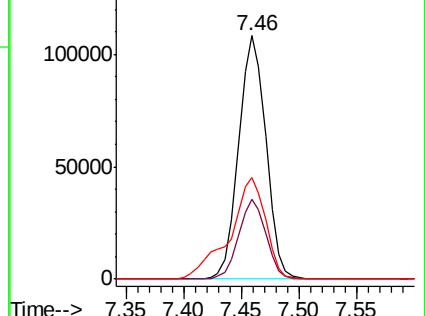
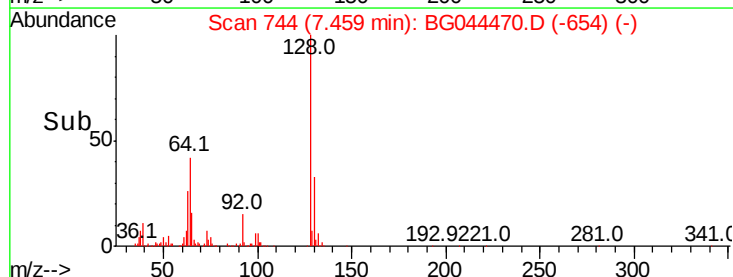
128 100

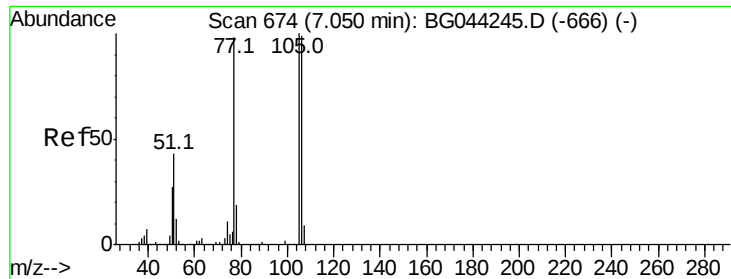
130 32.7 12.5 52.5

64 42.0 24.2 64.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.336 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

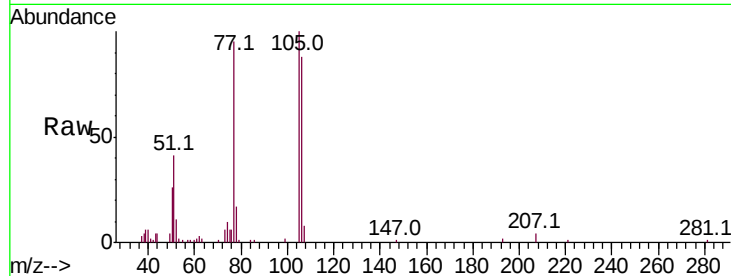
Tot Ion: 77 Resp: 21736

Ion Ratio Lower Upper

77 100

105 105.6 82.0 122.0

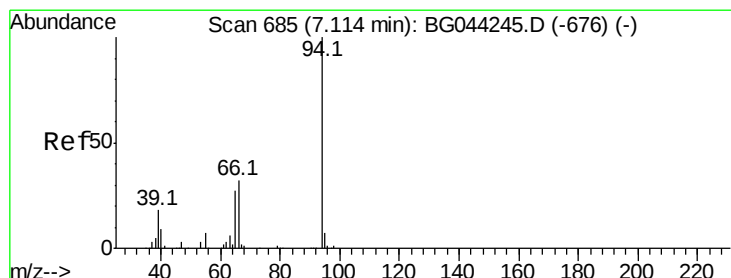
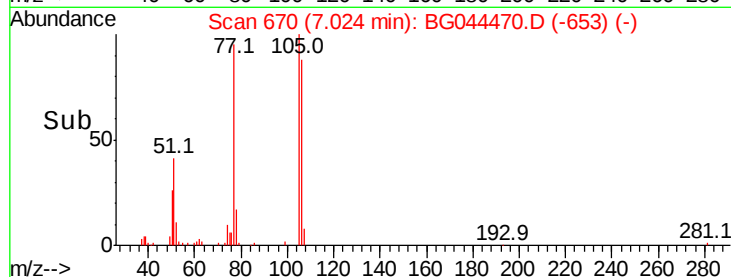
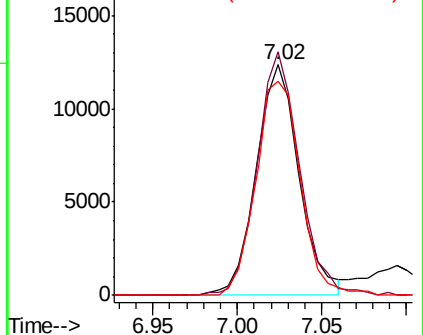
106 93.1 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.648 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

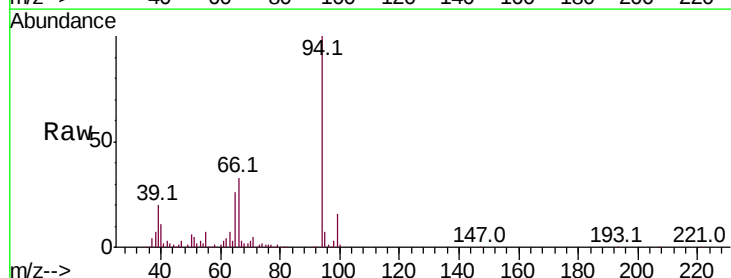
Tgt Ion: 94 Resp: 214417

Ion Ratio Lower Upper

94 100

65 26.1 7.0 47.0

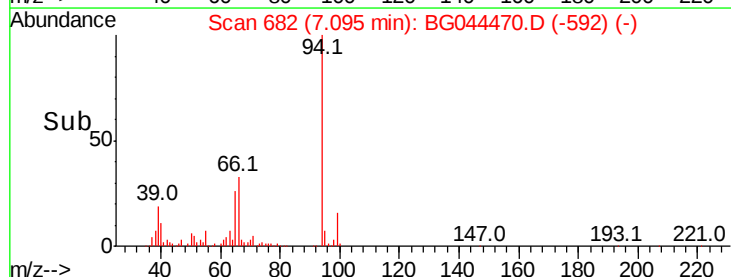
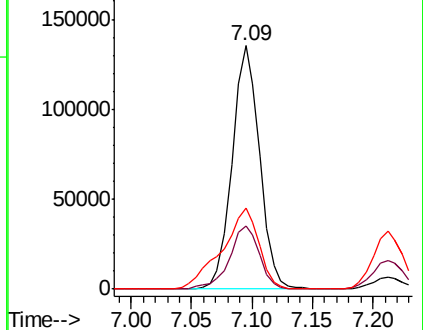
66 33.1 12.7 52.7

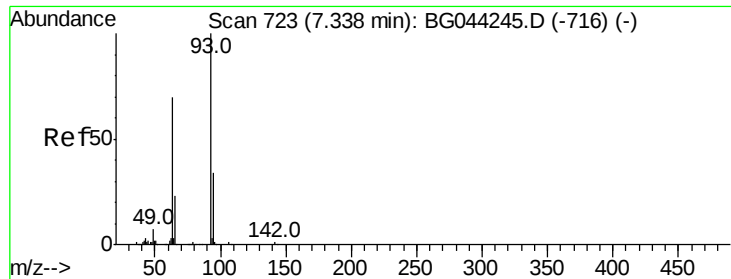


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

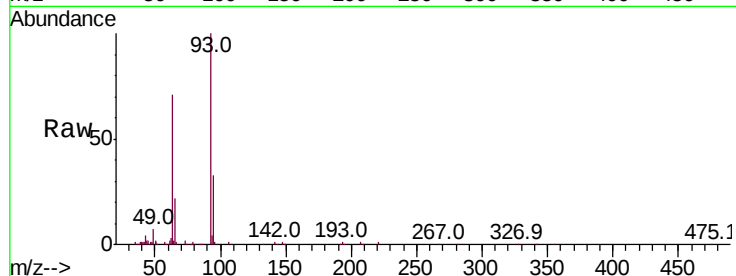




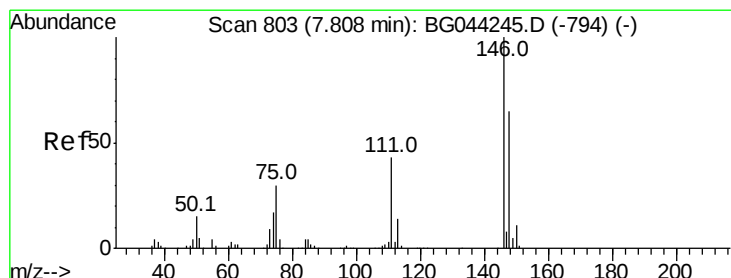
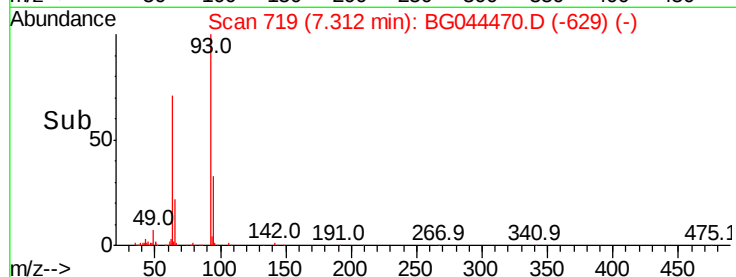
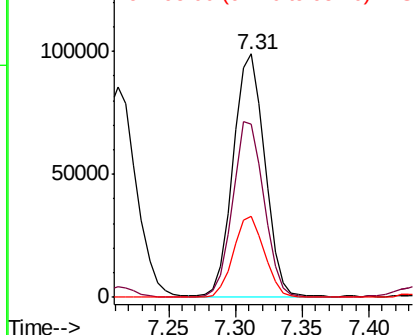
#11
bis(2-Chloroethyl)ether
Concen: 36.854 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion: 93 Resp: 162210
Ion Ratio Lower Upper
93 100
63 71.3 49.2 89.2
95 33.1 13.6 53.6

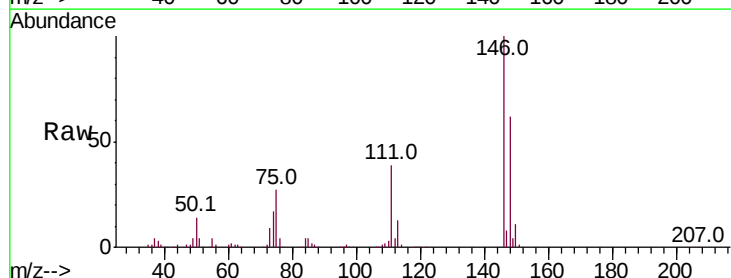


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

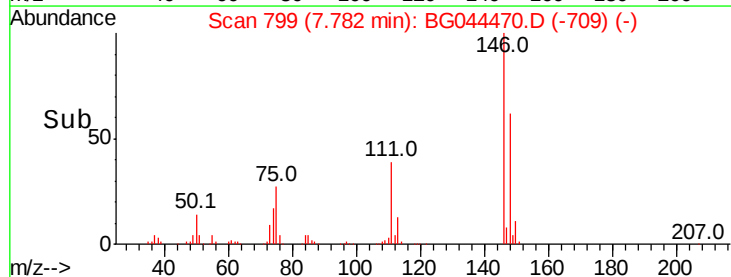
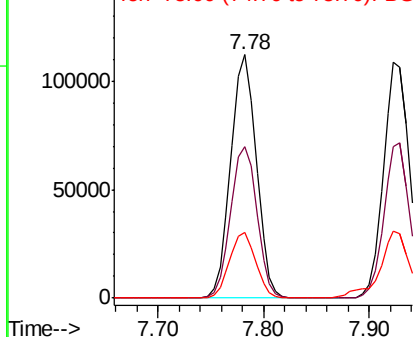


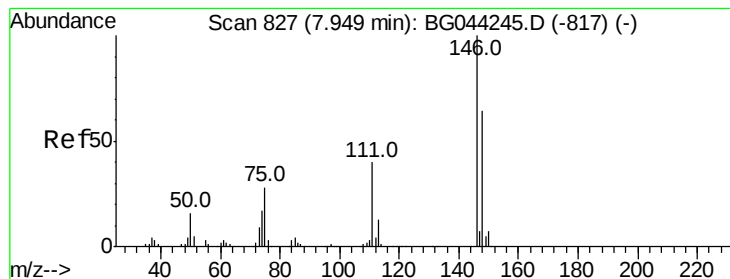
#12
1,3-Dichlorobenzene
Concen: 36.922 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion: 146 Resp: 187684
Ion Ratio Lower Upper
146 100
148 62.0 51.8 77.8
75 26.9 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.201 ng

RT: 7.92 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

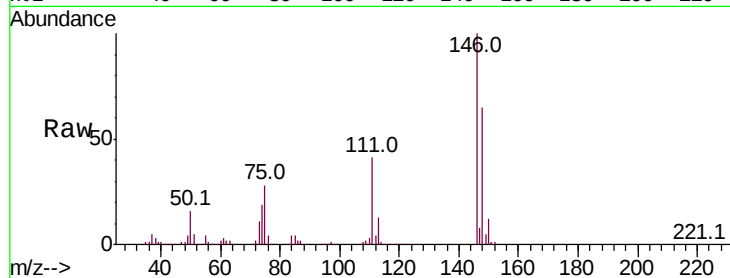
Tot Ion:146 Resp: 187295

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

111 40.8 31.8 47.8

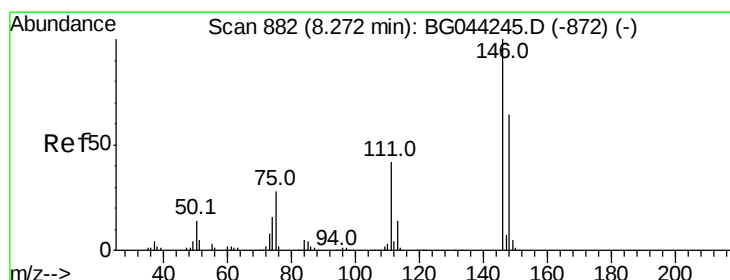
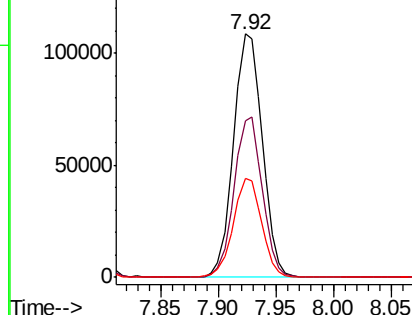
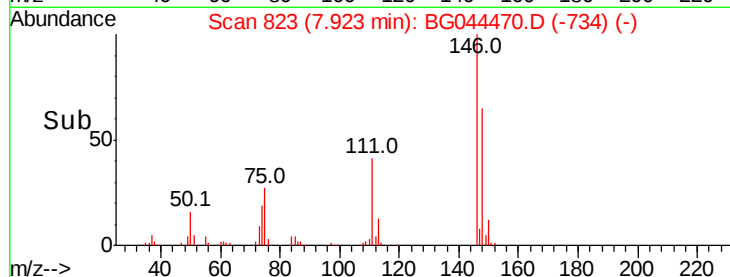


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.709 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

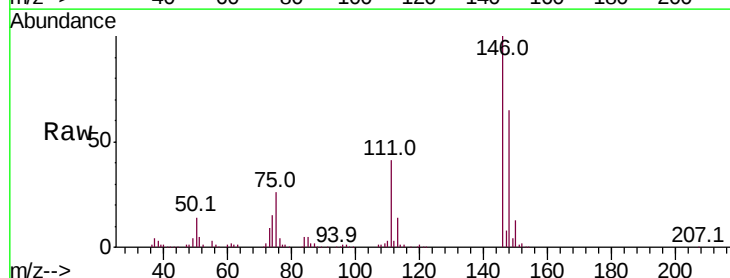
Tgt Ion:146 Resp: 179451

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

111 40.5 34.0 51.0

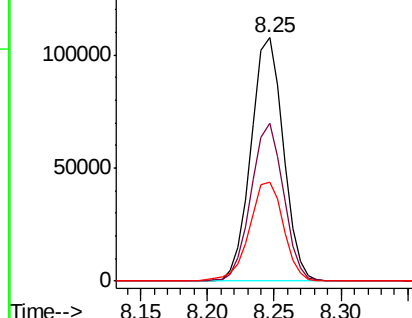
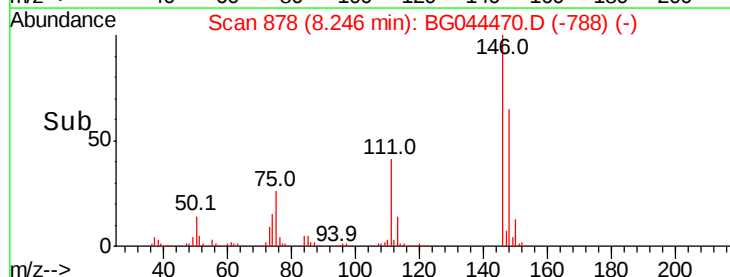


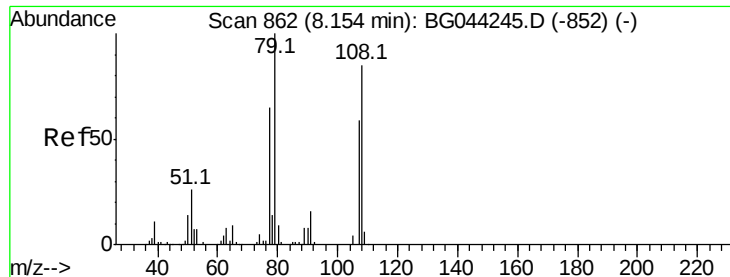
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.680 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampled :

PB126850BS

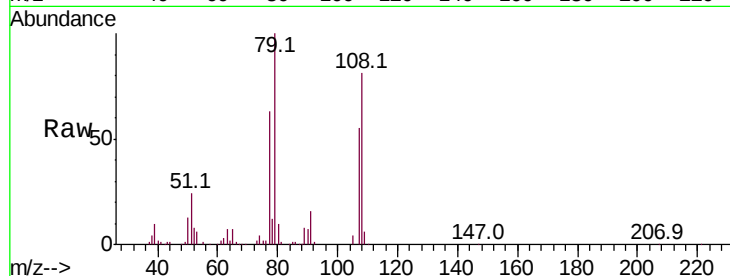
Tot Ion: 79 Resp: 146137

Ion Ratio Lower Upper

79 100

108 80.6 68.3 102.5

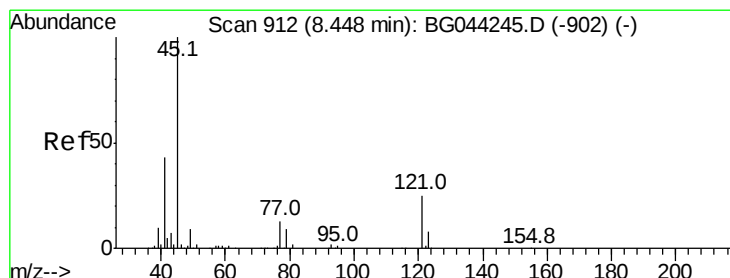
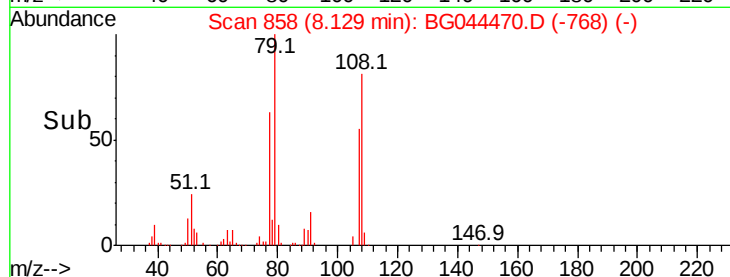
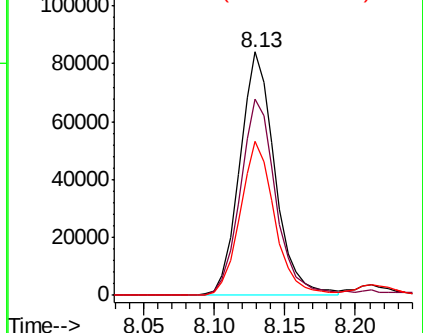
77 63.0 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.700 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

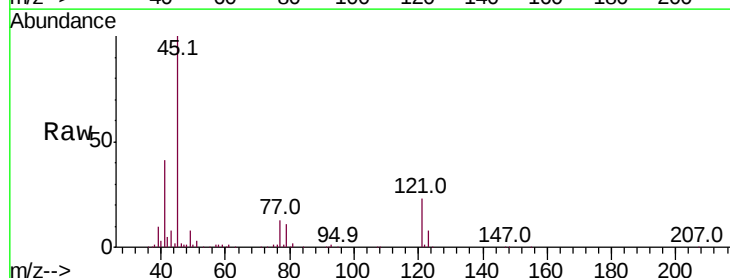
Tgt Ion: 45 Resp: 212676

Ion Ratio Lower Upper

45 100

77 13.4 0.0 35.2

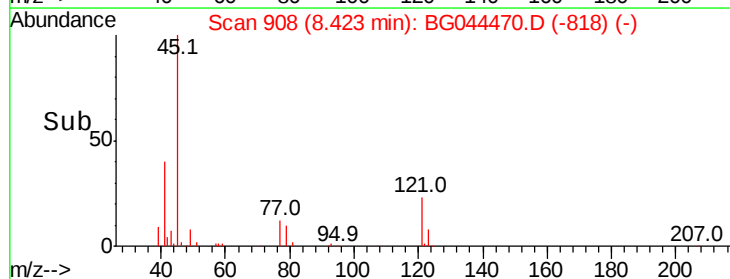
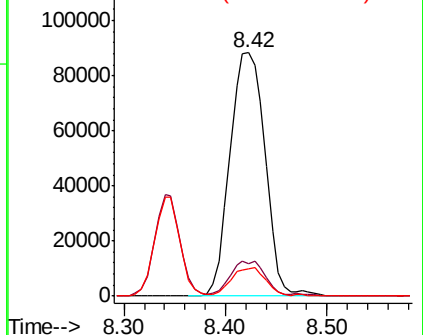
79 11.0 0.0 31.1

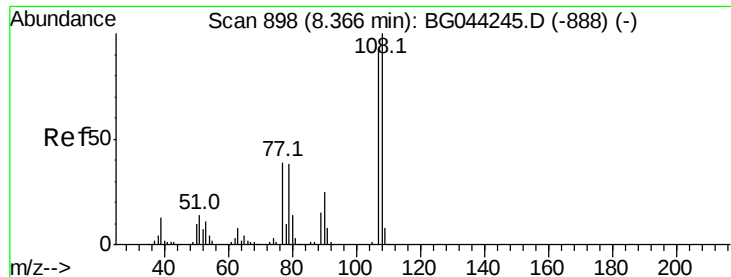


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

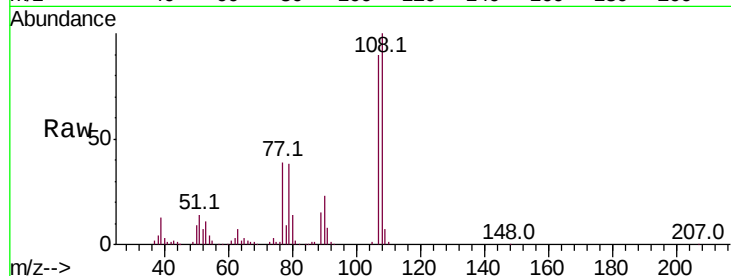




#17
2-Methylphenol
Concen: 40.118 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampled :
PB126850BS

Tot Ion:	107	Resp:	147360
Ion	Ratio	Lower	Upper
107	100		
108	111.5	86.4	129.6
77	43.4	34.0	51.0
79	42.4	32.9	49.3



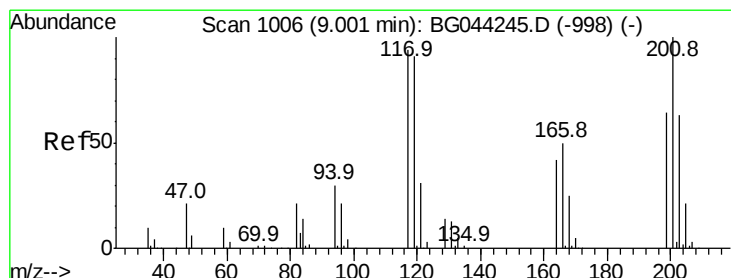
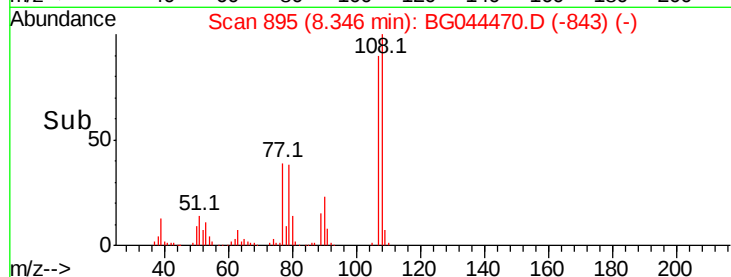
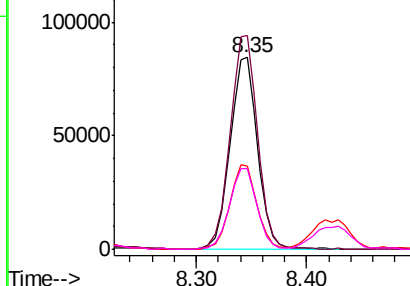
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

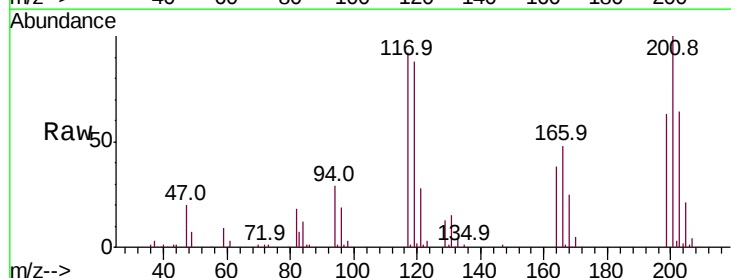
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.556 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:	117	Resp:	69065
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.5	116.3
201	106.8	84.9	127.3

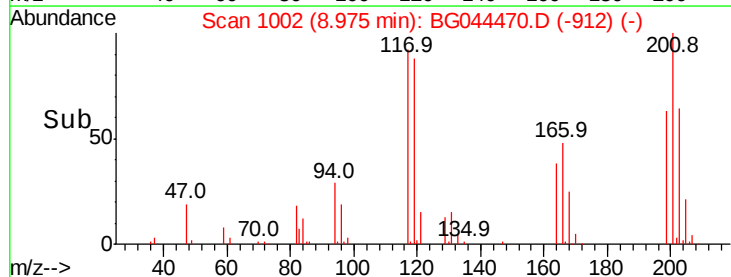
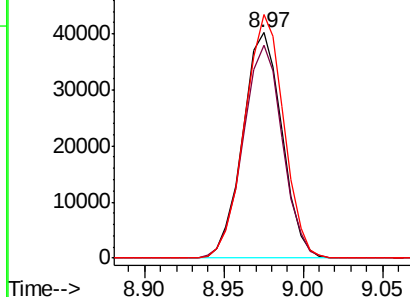


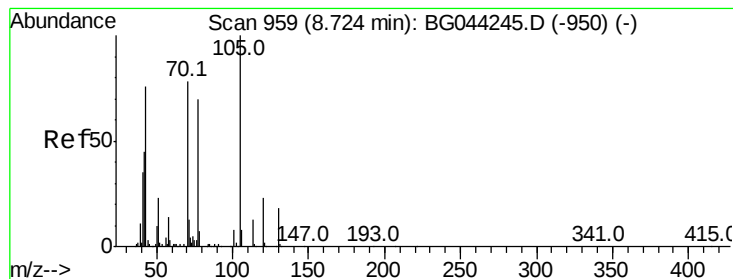
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.013 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

Tot Ion: 70 Resp: 124853

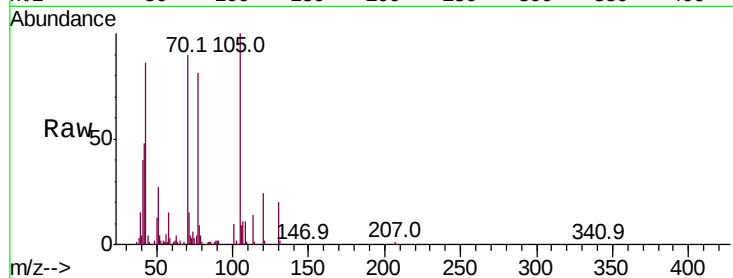
Ion Ratio Lower Upper

70 100

42 53.3 46.2 69.2

101 10.6 8.4 12.6

130 21.9 17.8 26.8



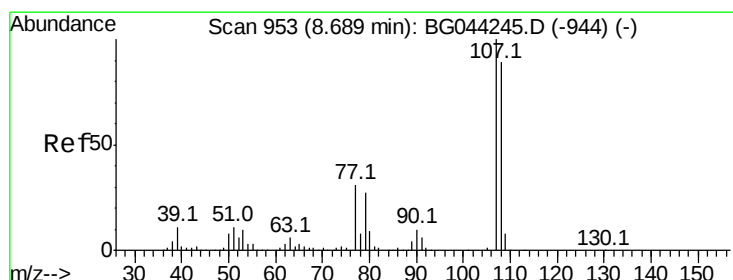
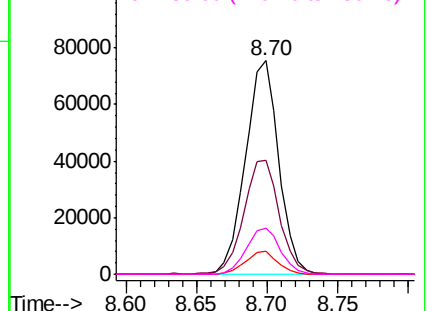
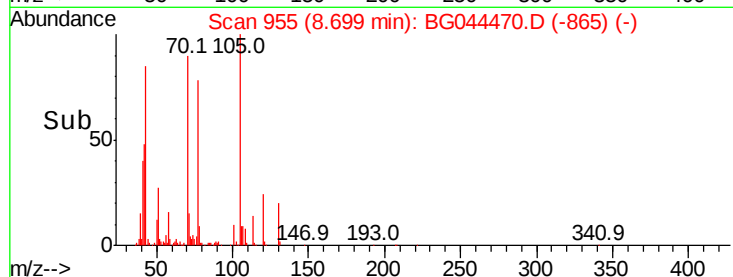
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.726 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Tgt Ion:107 Resp: 201101

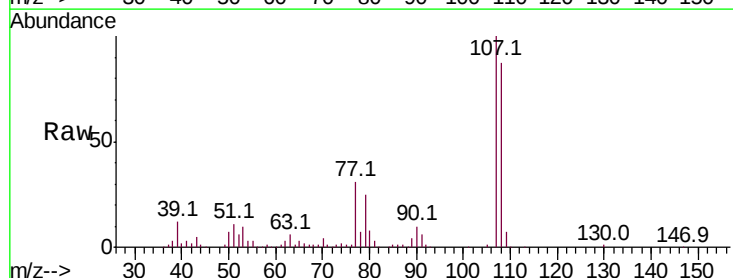
Ion Ratio Lower Upper

107 100

108 87.4 68.5 108.5

77 30.6 10.9 50.9

79 25.5 7.1 47.1



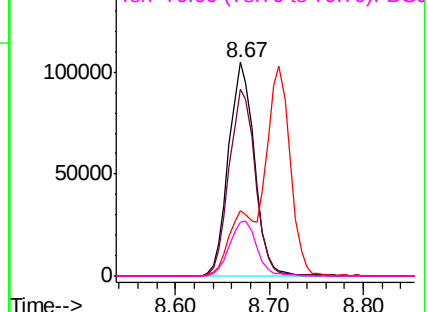
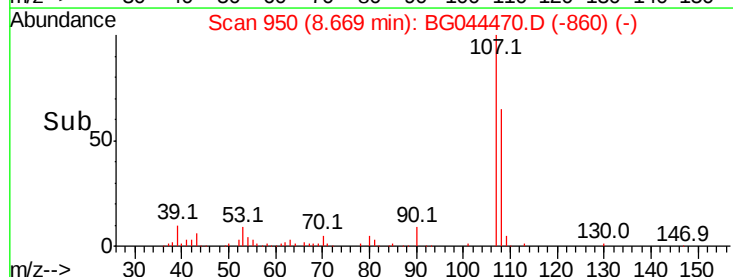
Abundance

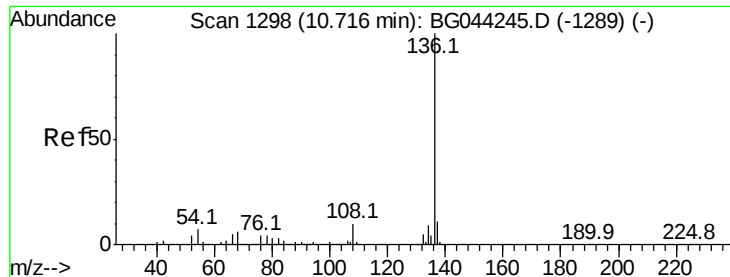
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

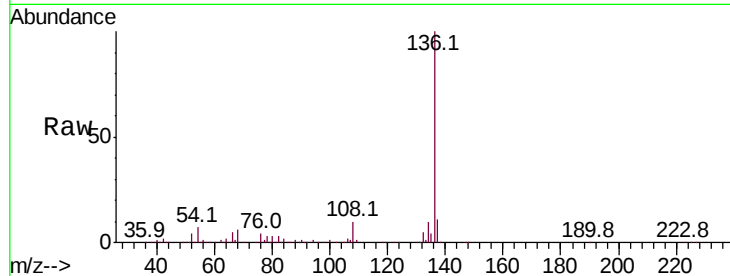




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:136	Resp:	277882	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 7.1	5.8	8.8	
68 5.8	4.6	6.8	



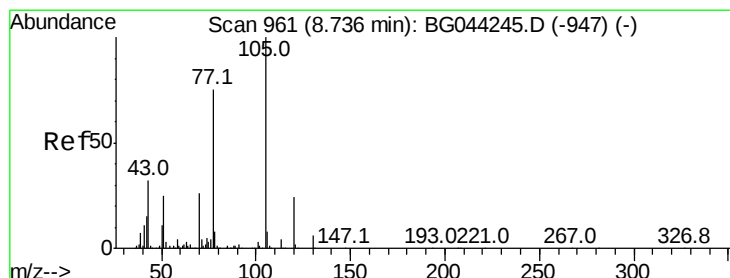
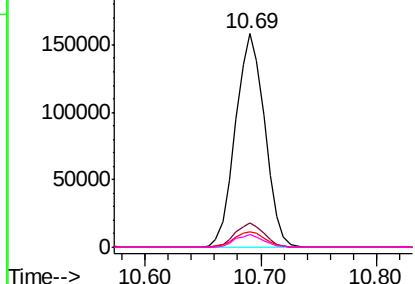
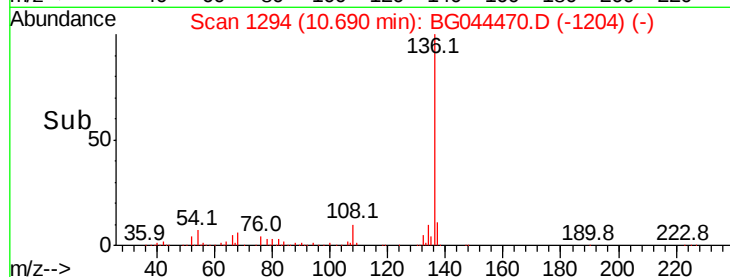
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

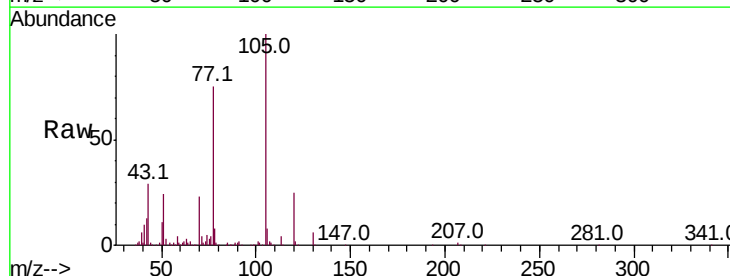
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 34.992 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt	Ion:105	Resp:	236549
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.4	5.0
51	23.7	20.2	30.4
120	25.0	19.1	28.7



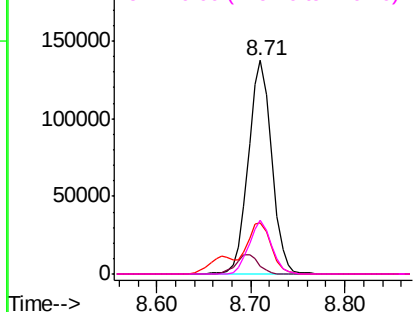
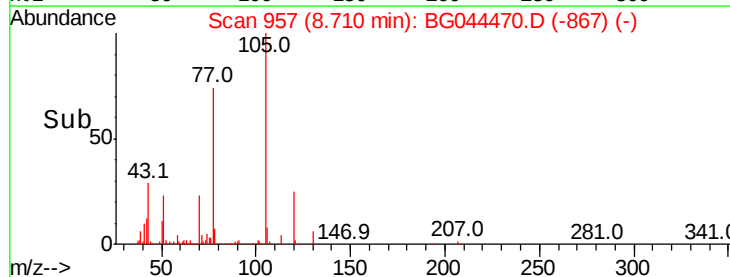
Abundance

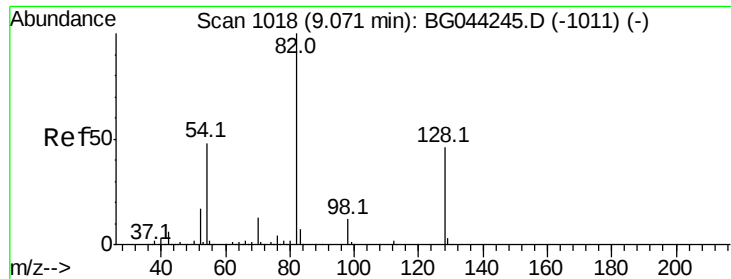
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

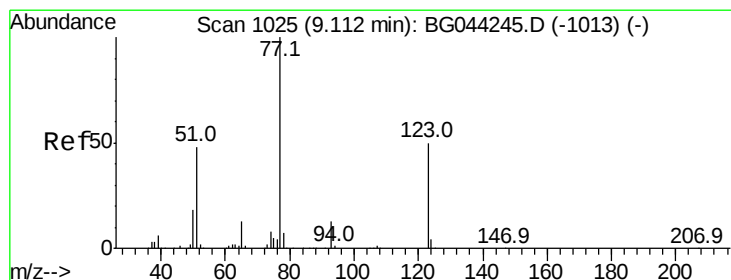
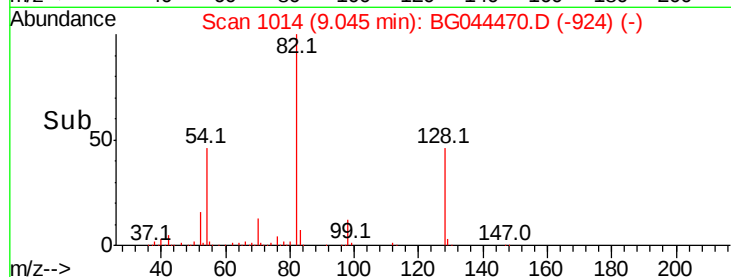
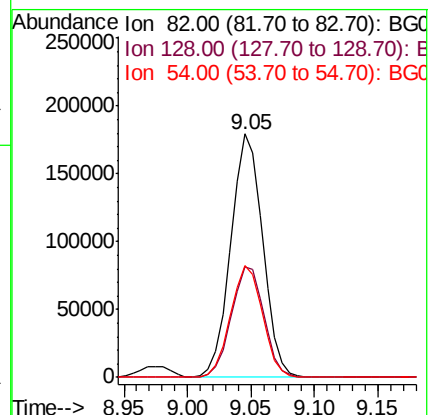
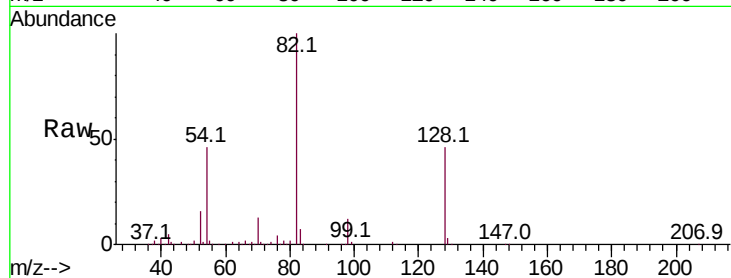




#23
Nitrobenzene-d5
Concen: 63.269 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

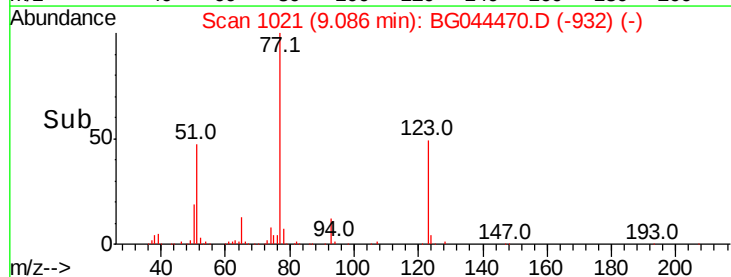
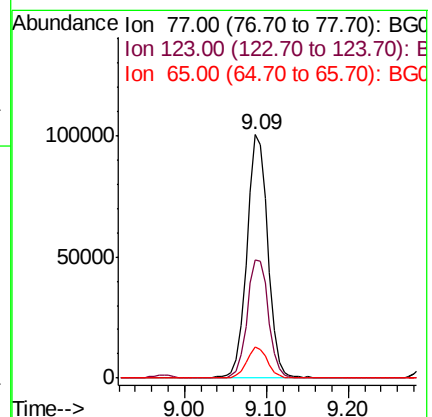
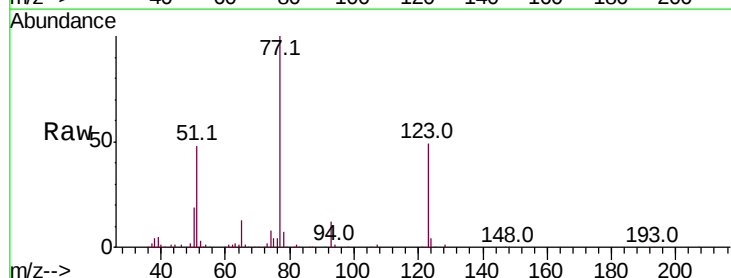
Instrument :
BNA_G
ClientSampleId :
PB126850BS

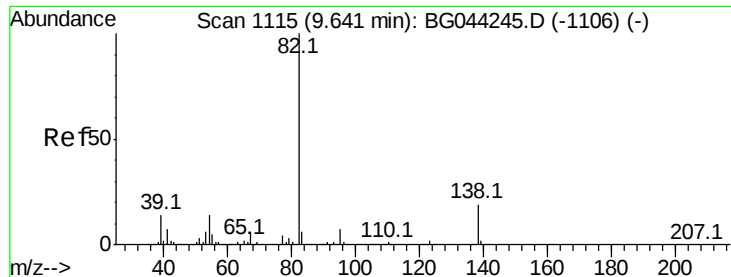
Tot Ion: 82 Resp: 311415
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 46.0 38.6 58.0



#24
Nitrobenzene
Concen: 37.168 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion: 77 Resp: 178598
Ion Ratio Lower Upper
77 100
123 48.6 39.9 59.9
65 12.9 10.4 15.6





#25

Isophorone

Concen: 37.559 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

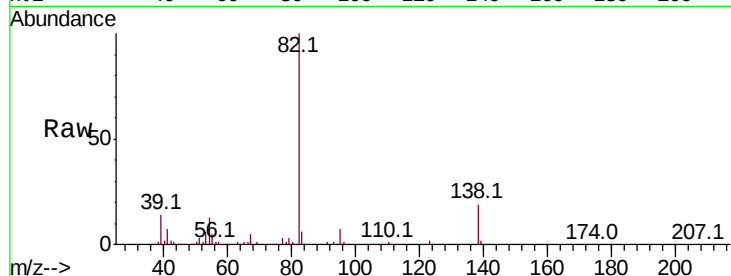
Tot Ion: 82 Resp: 344570

Ion Ratio Lower Upper

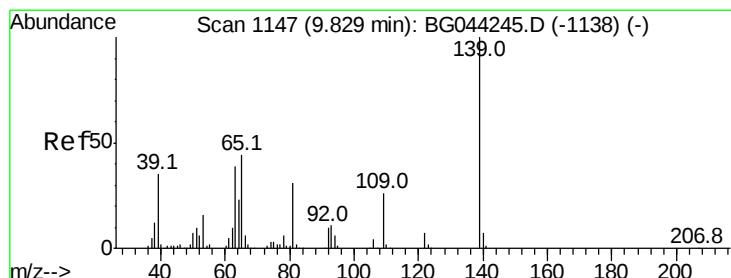
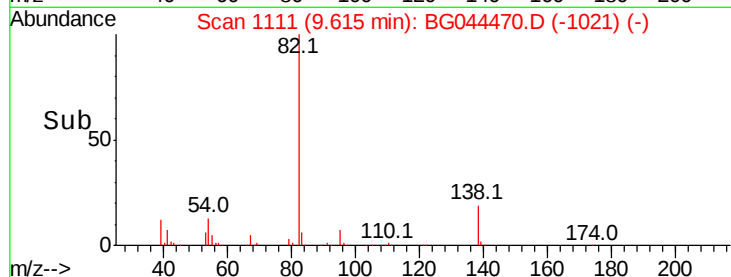
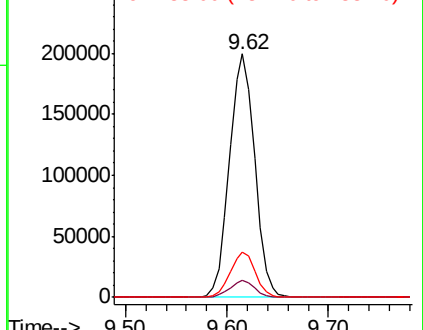
82 100

95 7.0 5.7 8.5

138 18.7 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.031 ng

RT: 9.80 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

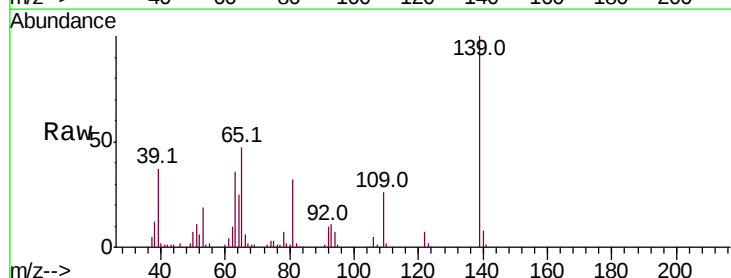
Tgt Ion: 139 Resp: 99810

Ion Ratio Lower Upper

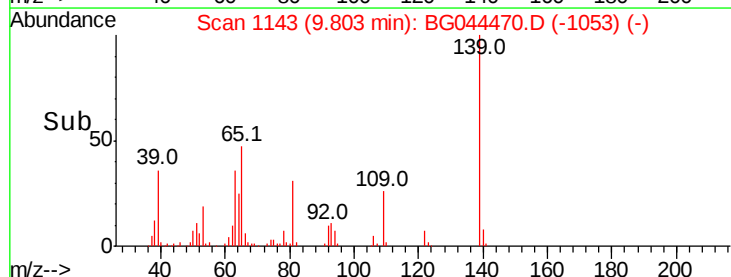
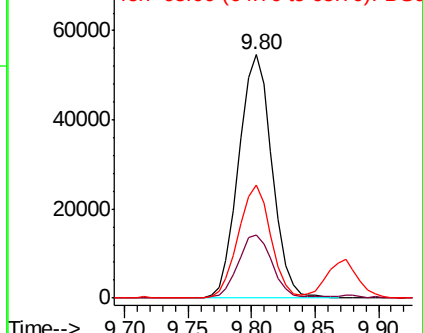
139 100

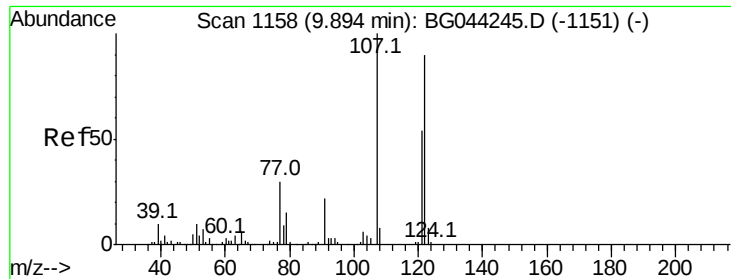
109 26.1 21.0 31.4

65 46.7 35.0 52.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

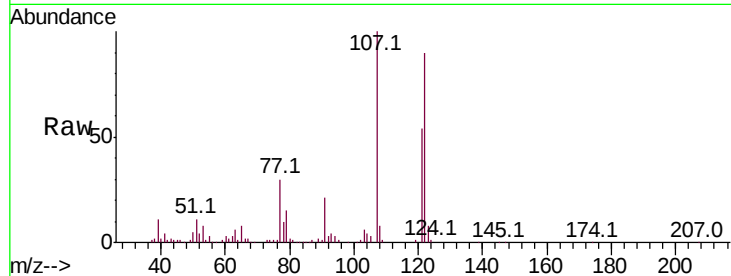




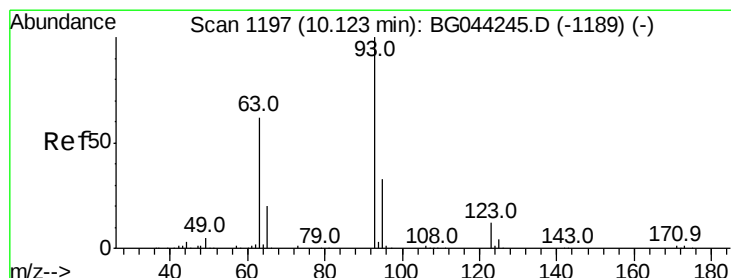
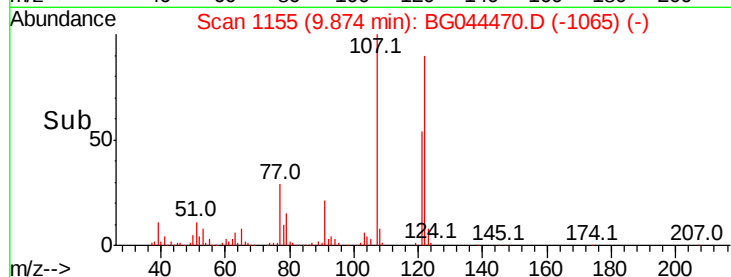
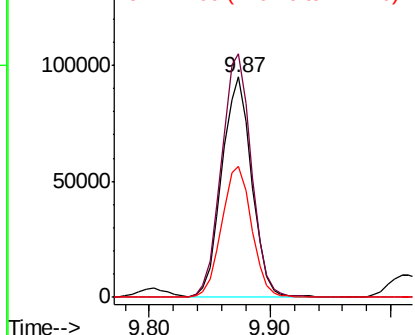
#27
2,4-Dimethylphenol
Concen: 45.888 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.8	133.2
121	59.5	48.3	72.5

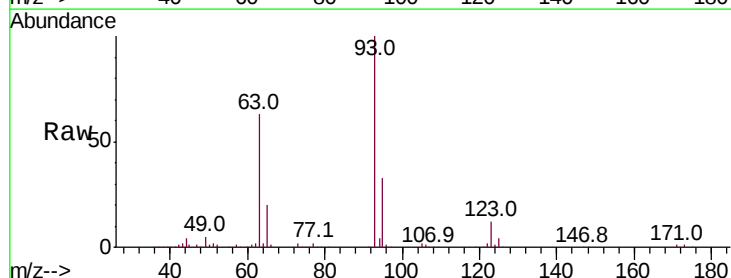


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

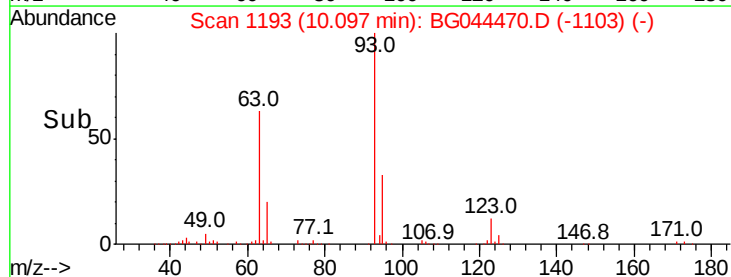
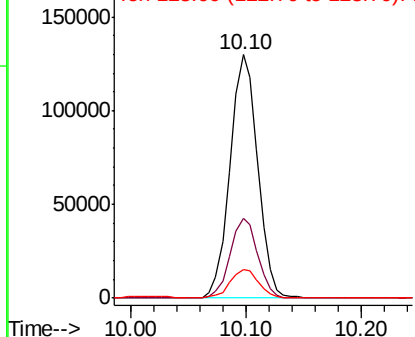


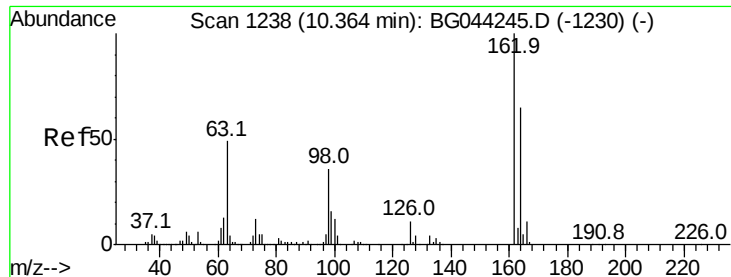
#28
bis(2-Chloroethoxy)methane
Concen: 35.070 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	40.0
123	11.7	10.0	15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.067 ng

RT: 10.34 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

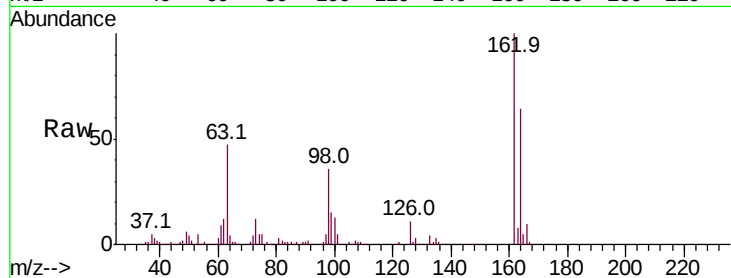
Tot Ion:162 Resp: 170518

Ion Ratio Lower Upper

162 100

164 64.4 44.7 84.7

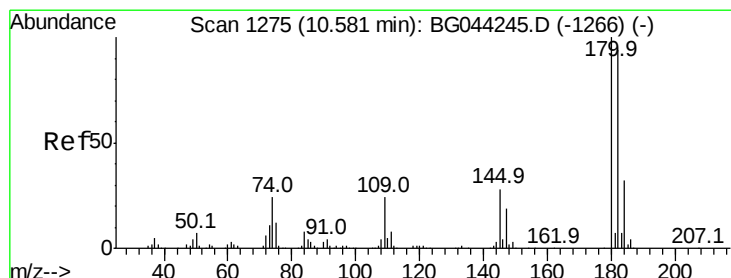
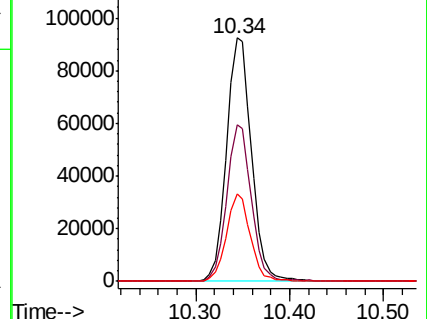
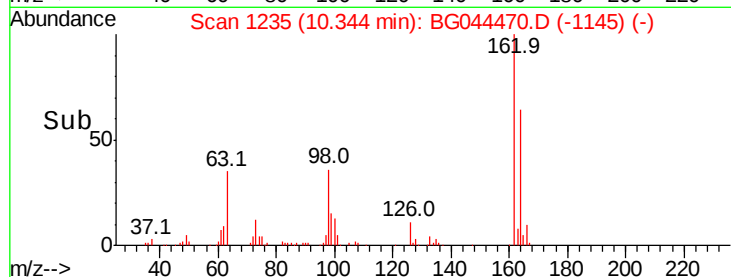
98 36.2 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 36.023 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

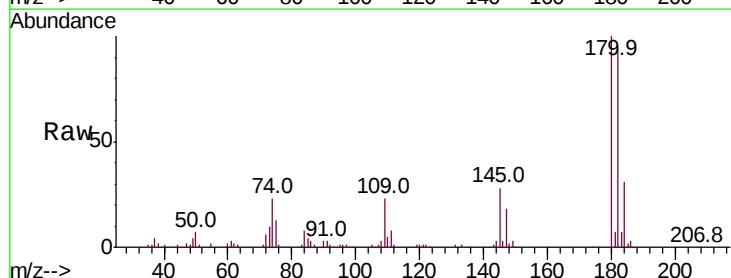
Tgt Ion:180 Resp: 175789

Ion Ratio Lower Upper

180 100

182 94.3 75.5 113.3

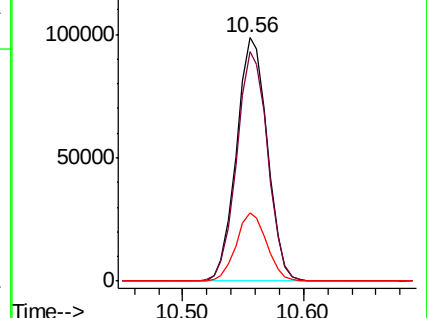
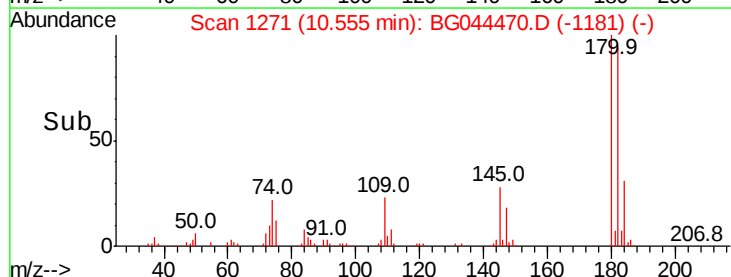
145 28.1 22.6 34.0

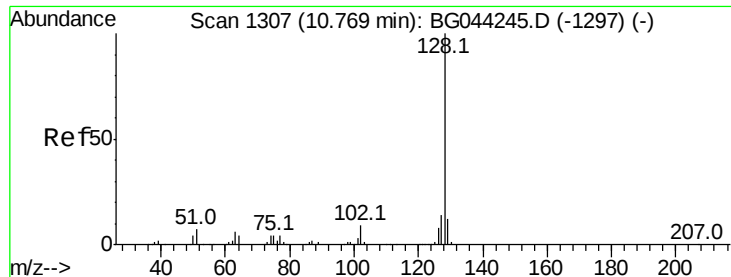


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.359 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

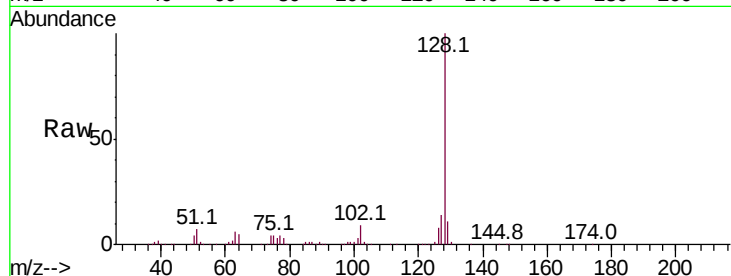
Tot Ion:128 Resp: 517158

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

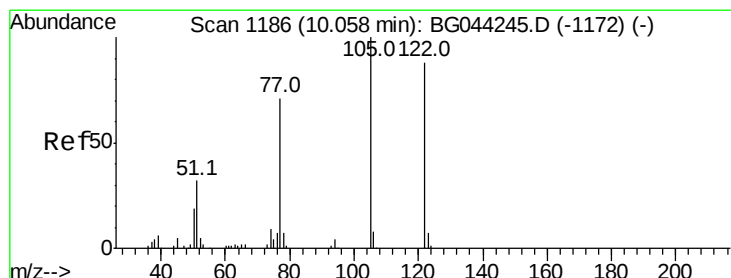
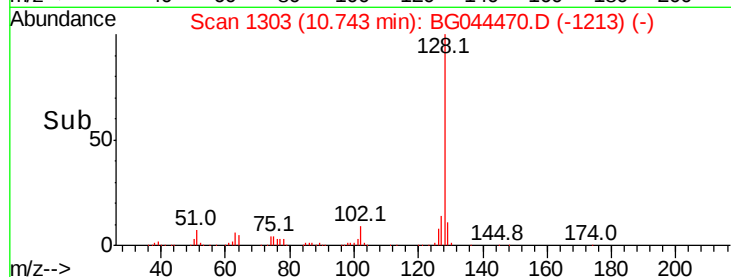
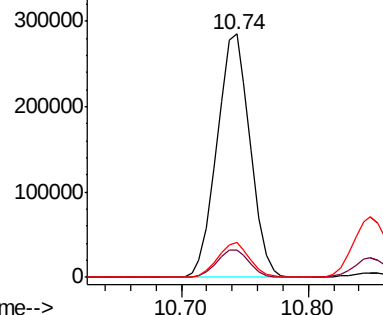
127 14.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.200 ng

RT: 10.01 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

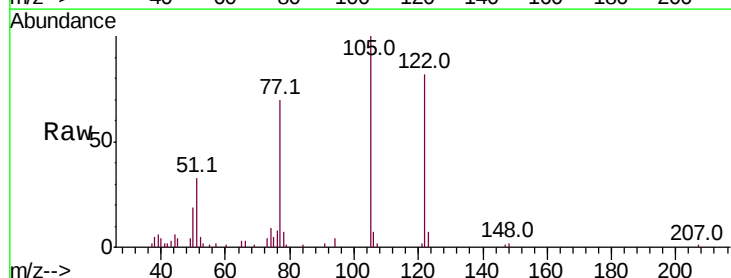
Tgt Ion:122 Resp: 39571

Ion Ratio Lower Upper

122 100

105 122.5 93.5 133.5

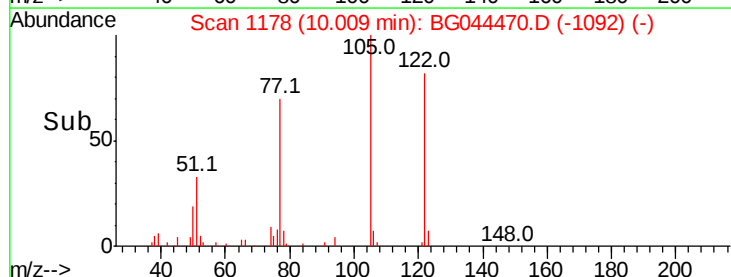
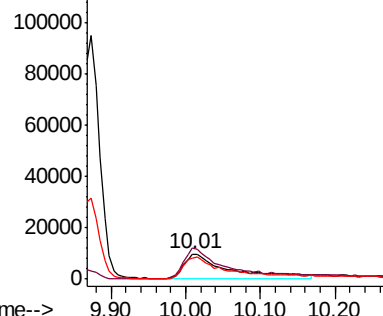
77 85.4 61.0 101.0

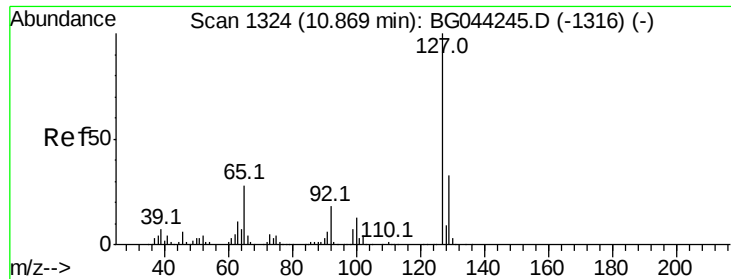


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

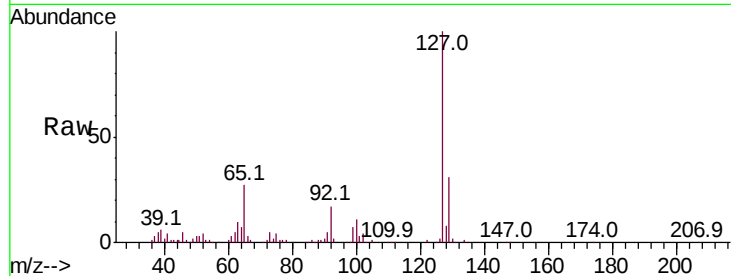




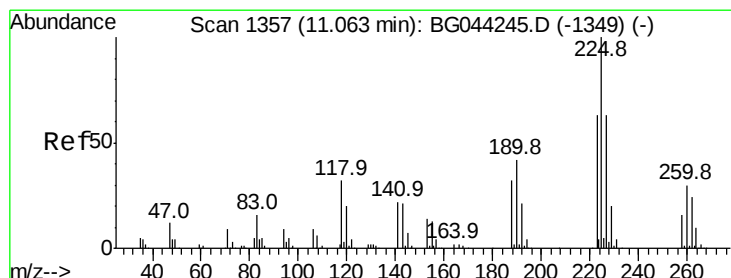
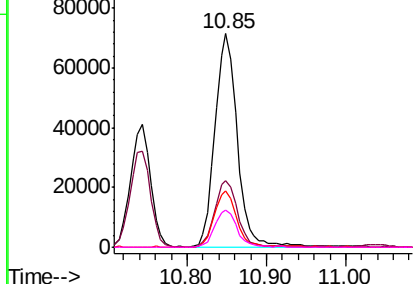
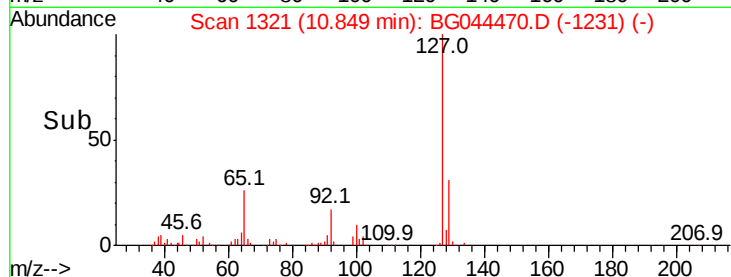
#33
4-Chloroaniline
Concen: 22.932 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:	127	Resp:	140609
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.6	40.0
65	26.5	22.5	33.7
92	17.4	14.1	21.1

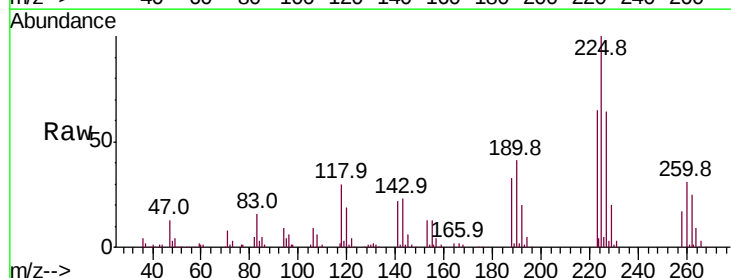


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

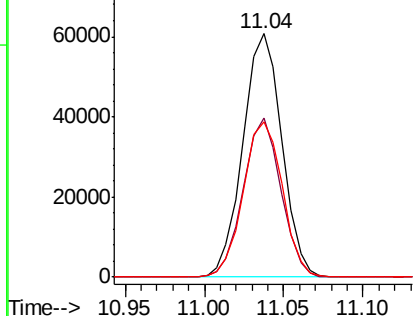
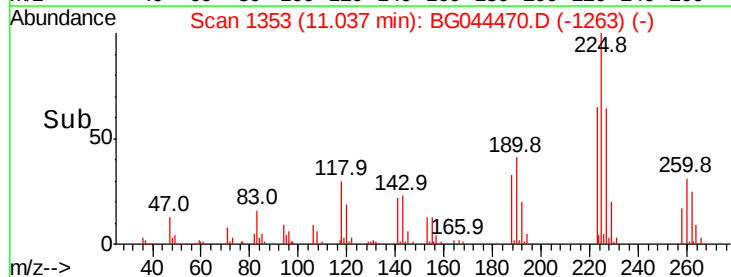


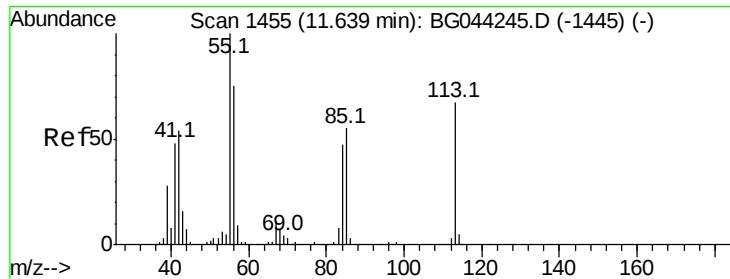
#34
Hexachlorobutadiene
Concen: 34.599 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:	225	Resp:	103891
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.2	75.4
227	63.6	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.124 ng

RT: 11.64 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

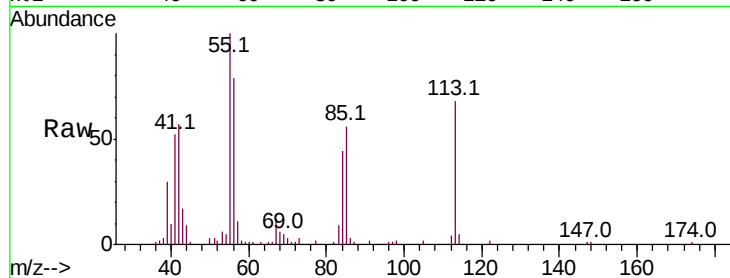
Tot Ion:113 Resp: 73466

Ion Ratio Lower Upper

113 100

55 146.3 129.9 169.9

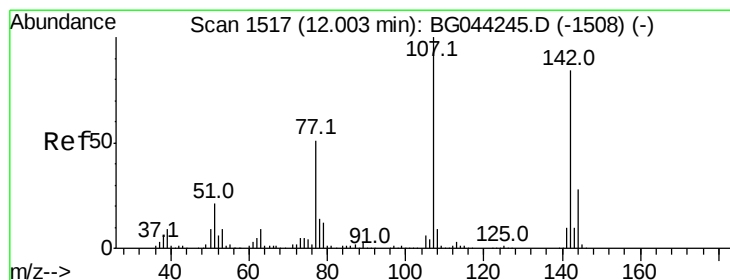
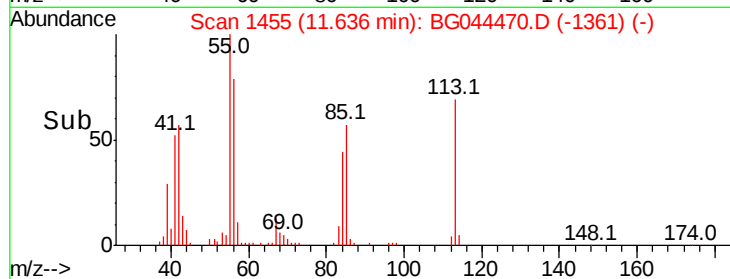
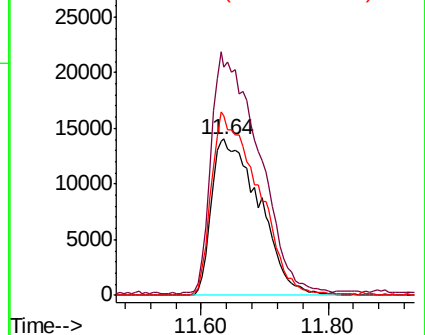
56 114.9 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.206 ng

RT: 11.99 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

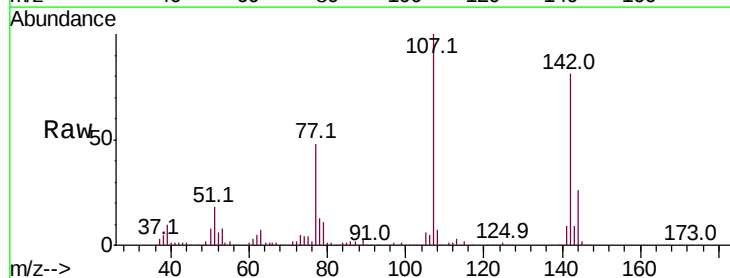
Tgt Ion:107 Resp: 174938

Ion Ratio Lower Upper

107 100

144 26.4 22.2 33.4

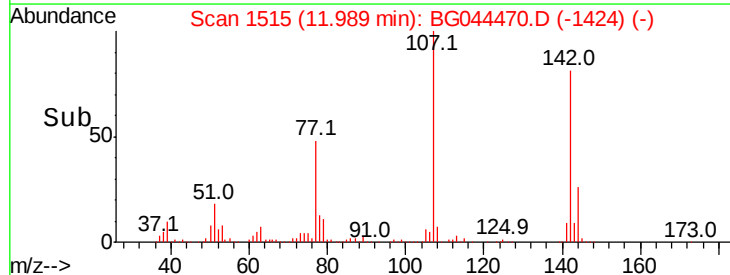
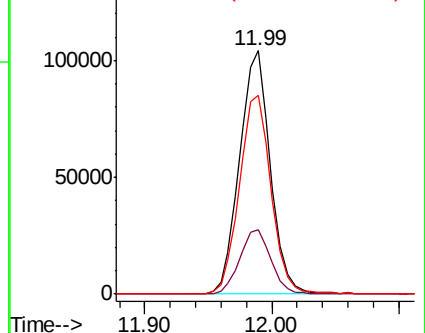
142 81.5 67.4 101.0

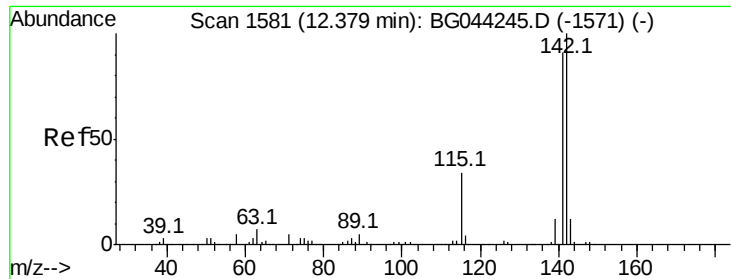


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

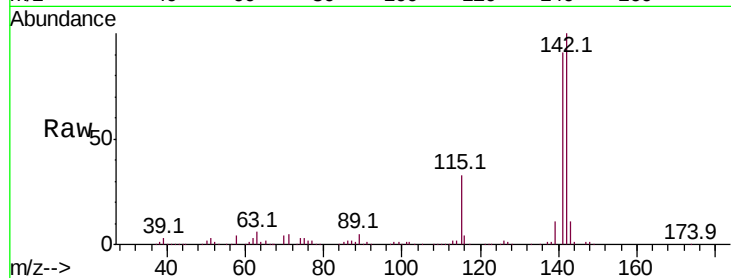




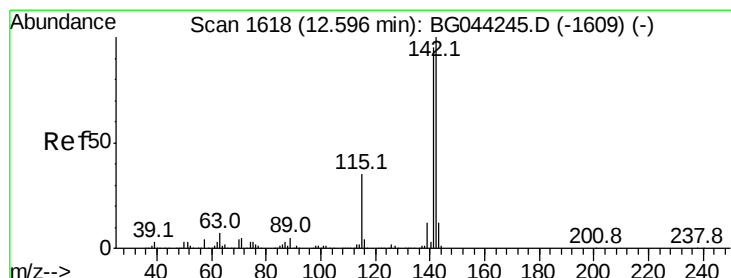
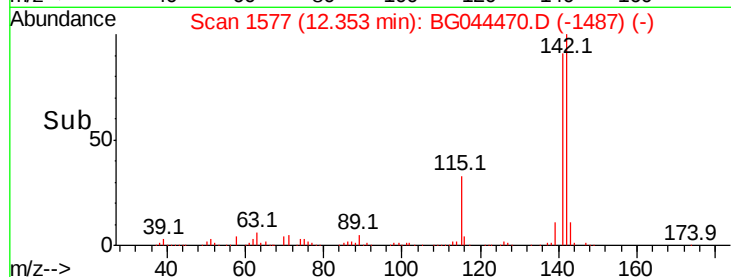
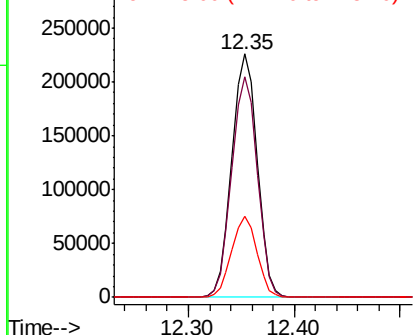
#37
2-Methylnaphthalene
Concen: 37.508 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:142 Resp: 375454
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8
115 33.2 27.1 40.7

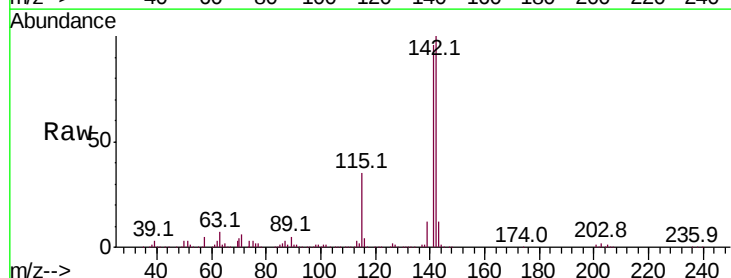


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

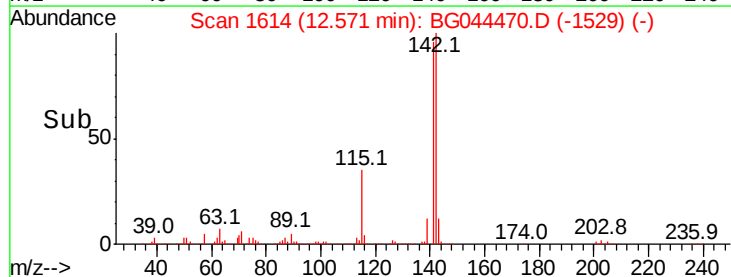
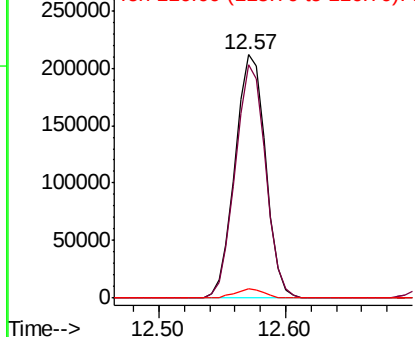


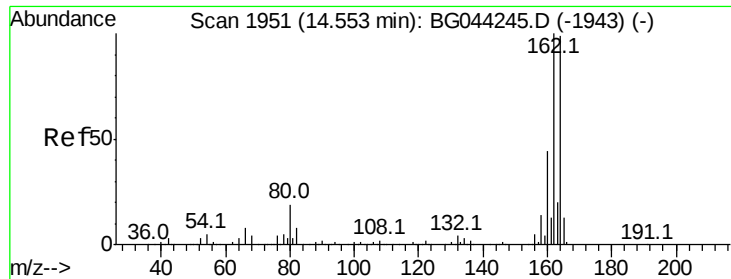
#38
1-Methylnaphthalene
Concen: 37.466 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:142 Resp: 353579
Ion Ratio Lower Upper
142 100
141 95.8 75.8 113.6
116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

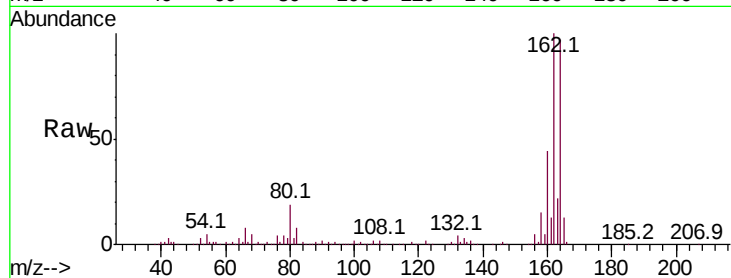
Tot Ion:164 Resp: 175971

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

160 44.7 35.3 52.9

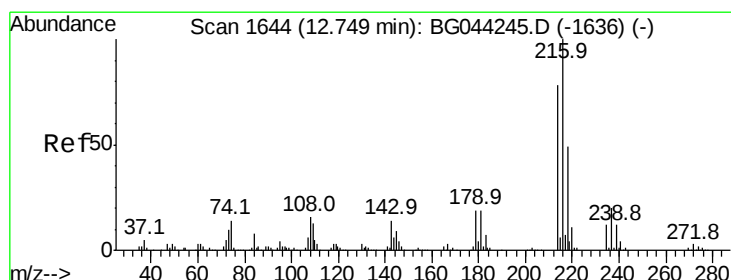
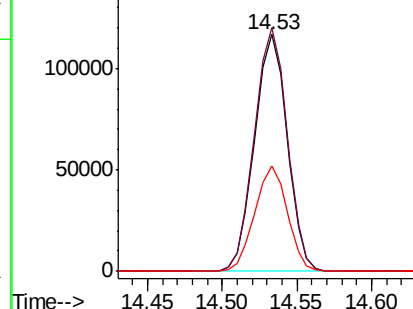
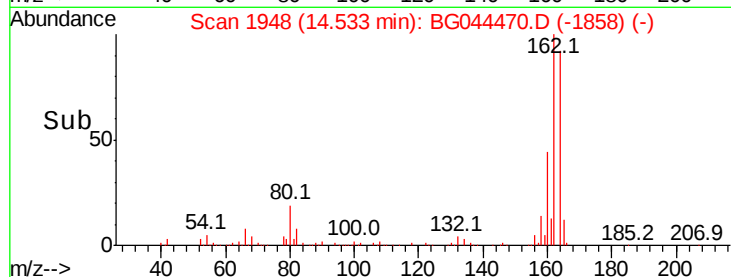


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.270 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Tgt Ion:216 Resp: 185659

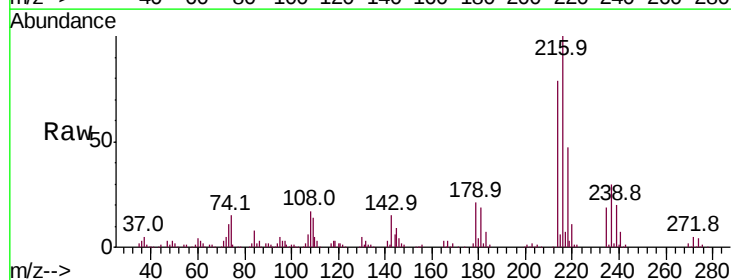
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 20.8 16.2 24.4

108 17.0 13.5 20.3



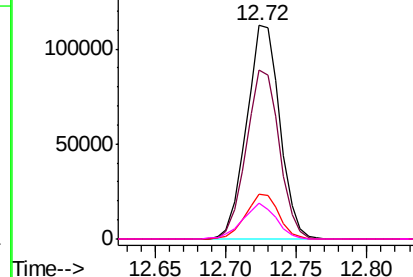
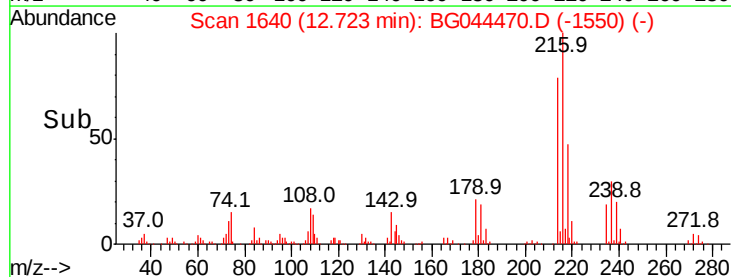
Abundance

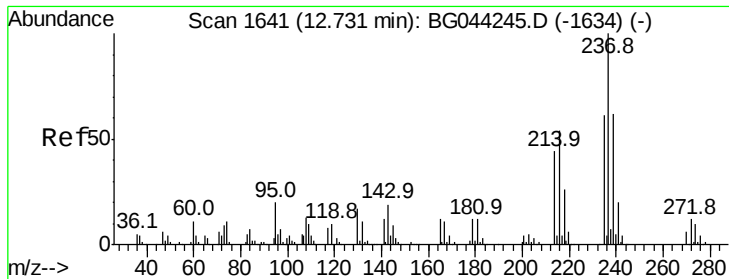
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.879 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

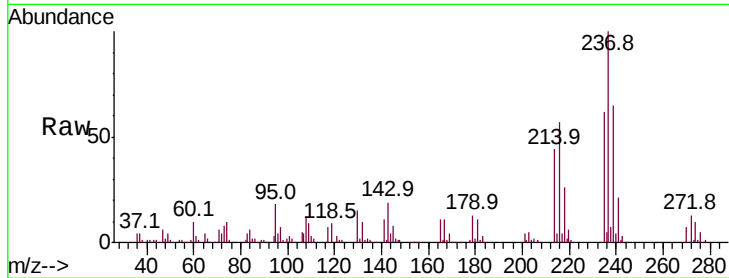
Tot Ion:237 Resp: 123457

Ion Ratio Lower Upper

237 100

235 61.5 41.2 81.2

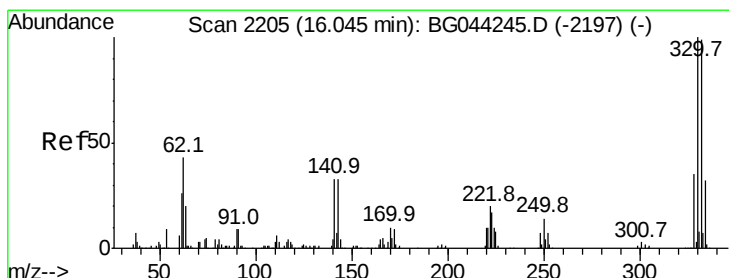
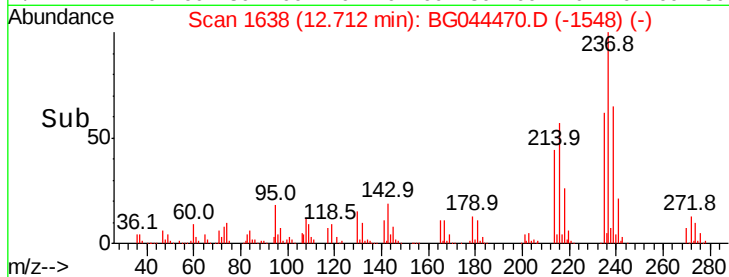
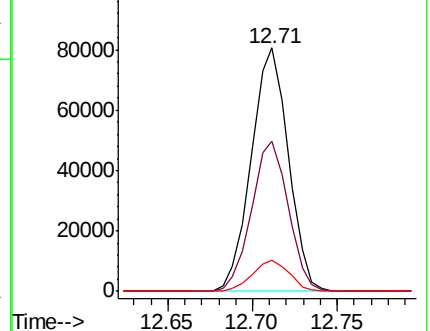
272 12.9 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.197 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

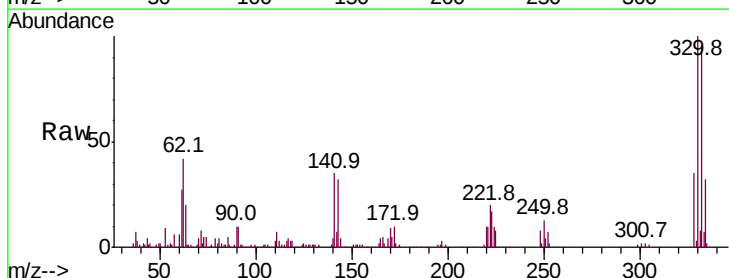
Tgt Ion:330 Resp: 235908

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

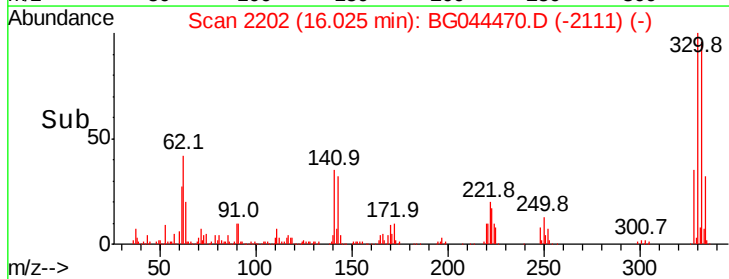
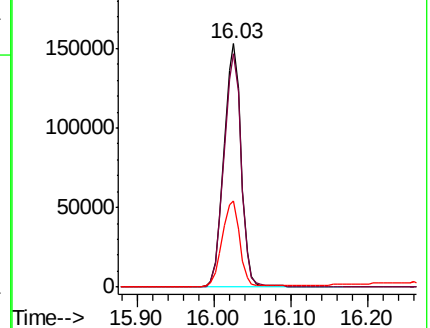
141 36.1 28.3 42.5

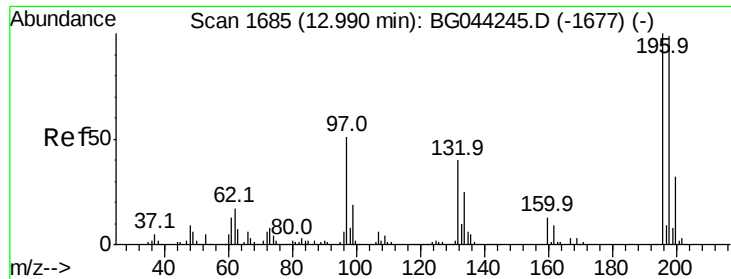


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

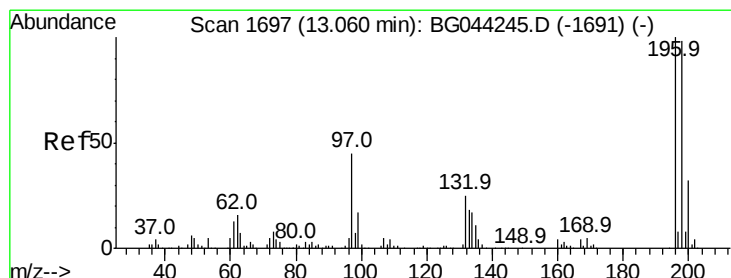
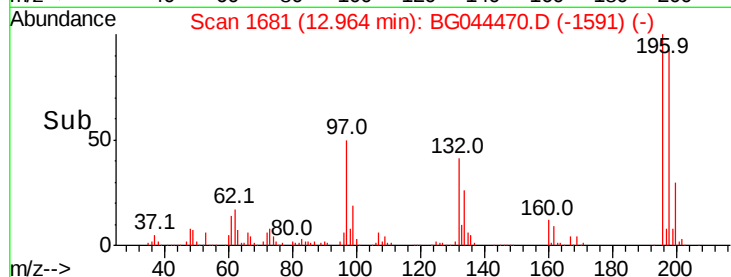
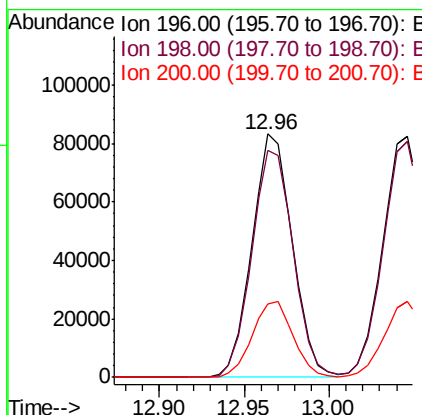
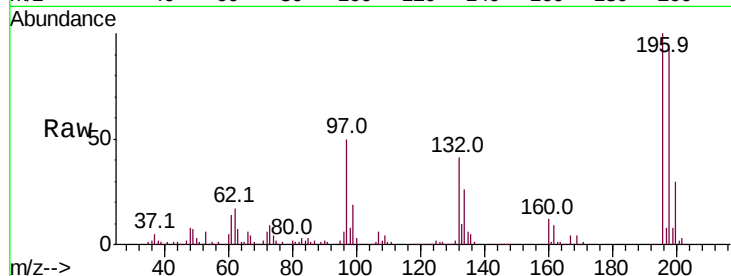




#43
 2,4,6-Trichlorophenol
 Concen: 40.478 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

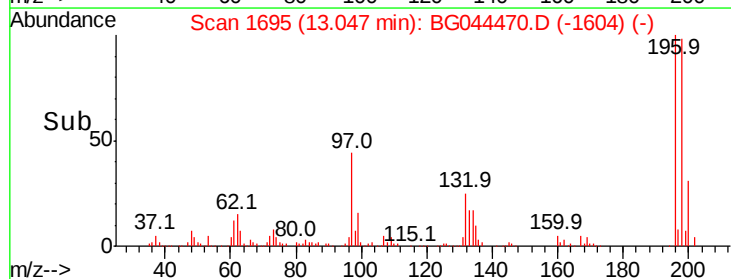
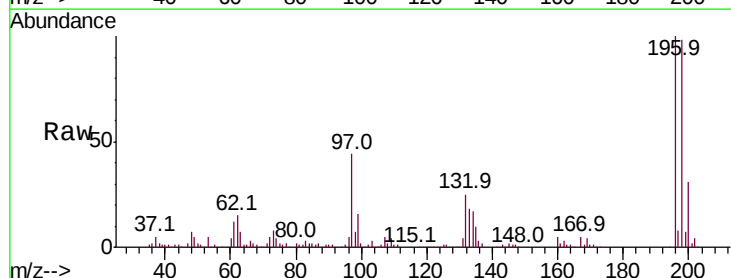
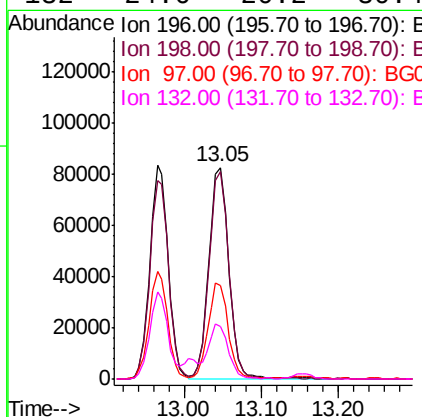
Instrument :
 BNA_G
 ClientSampled :
 PB126850BS

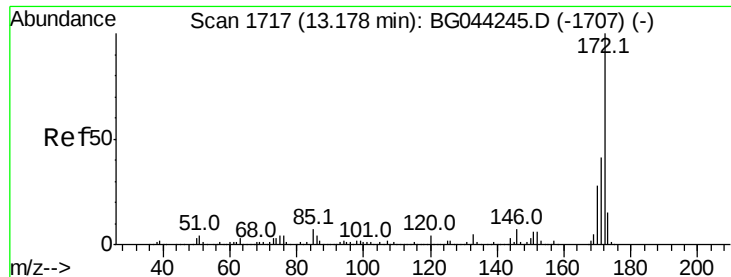
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.1	79.3	118.9
200	30.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.279 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.2	117.2
97	44.3	36.2	54.4
132	24.6	20.2	30.4





#45

2-Fluorobiphenyl

Concen: 66.515 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

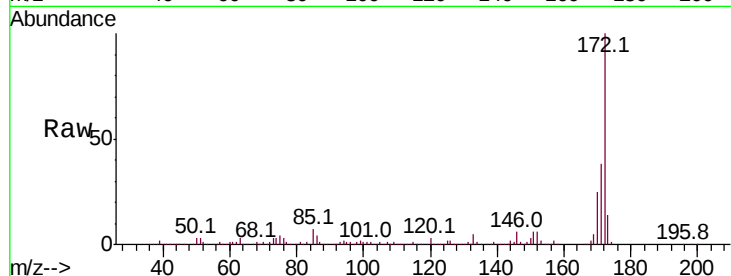
Tot Ion:172 Resp: 698978

Ion Ratio Lower Upper

172 100

171 38.1 32.9 49.3

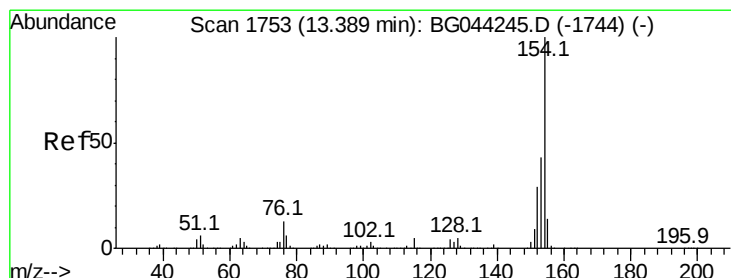
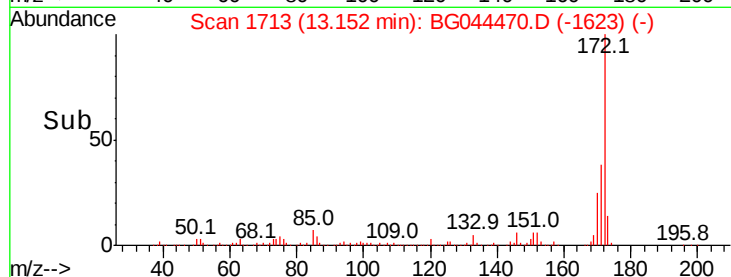
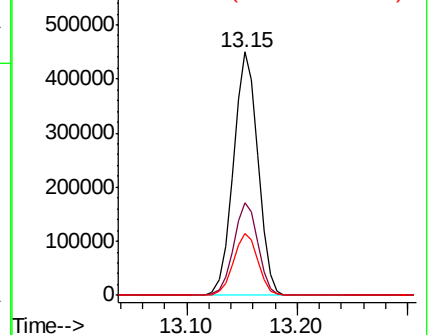
170 25.4 22.0 33.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.920 ng

RT: 13.36 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

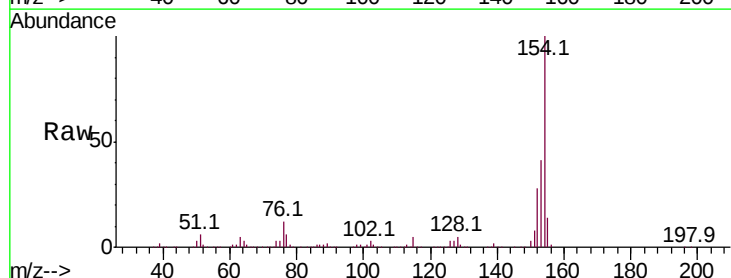
Tgt Ion:154 Resp: 468626

Ion Ratio Lower Upper

154 100

153 41.3 22.7 62.7

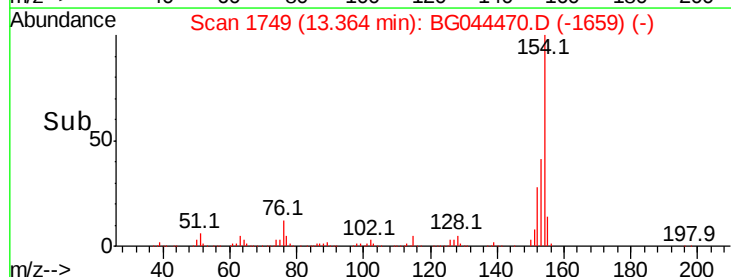
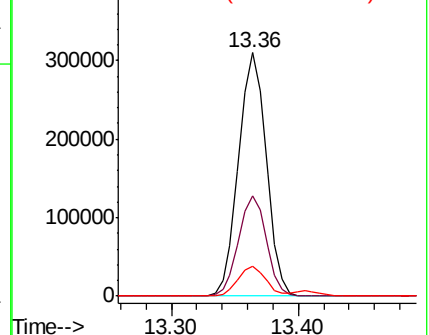
76 12.4 0.0 32.9

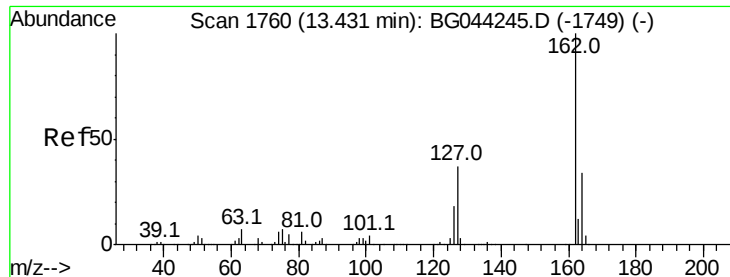


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

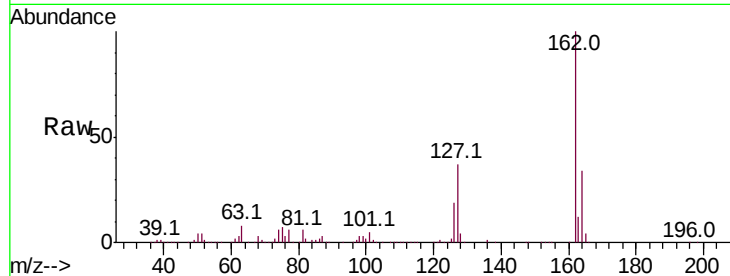




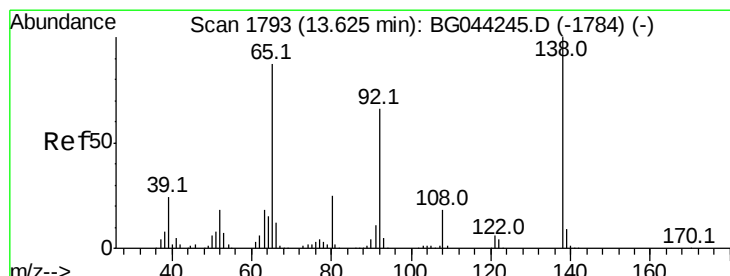
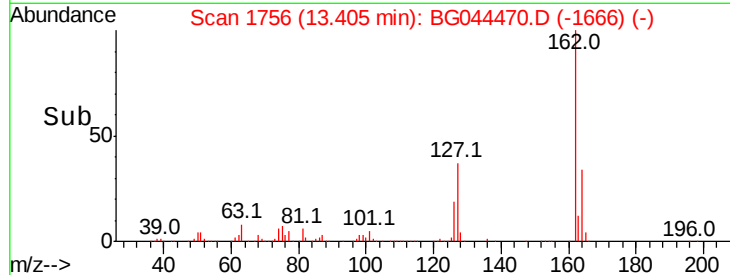
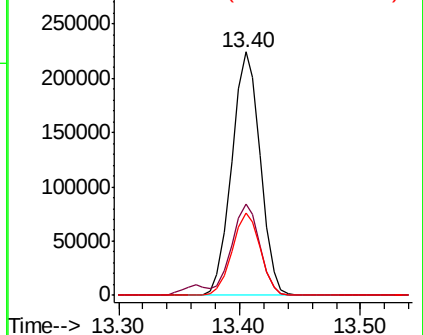
#47
 2-Chloronaphthalene
 Concen: 36.393 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	33.6	27.2	40.8

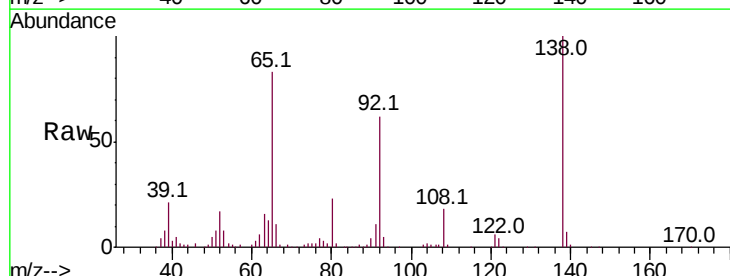


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

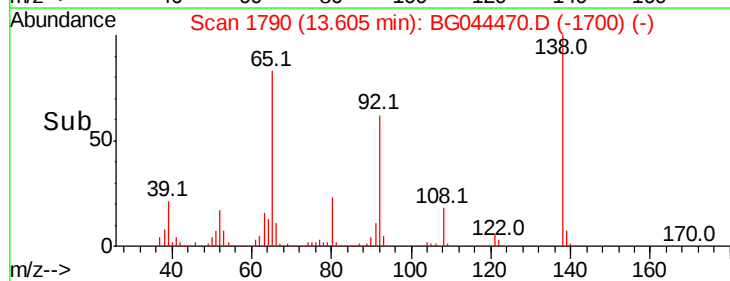
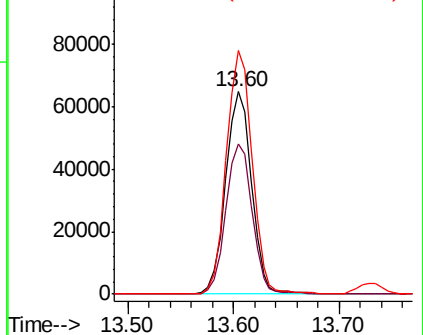


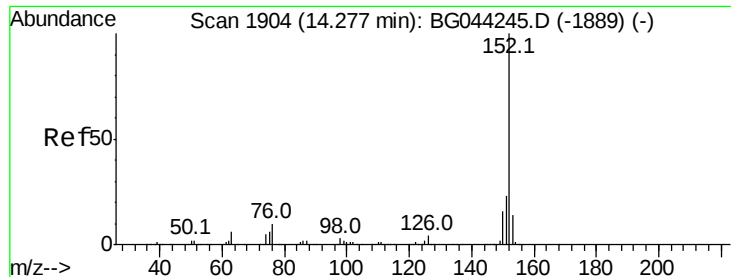
#48
 2-Nitroaniline
 Concen: 36.887 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	60.3	90.5
138	120.4	91.9	137.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.186 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

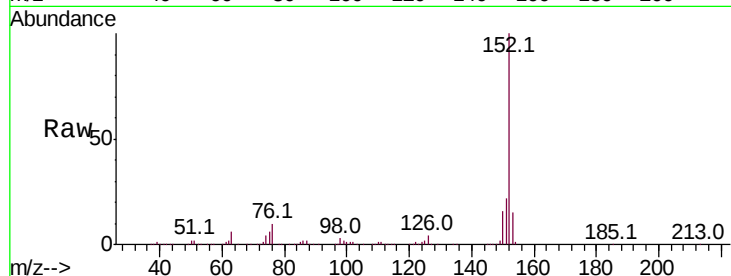
Tot Ion:152 Resp: 580528

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

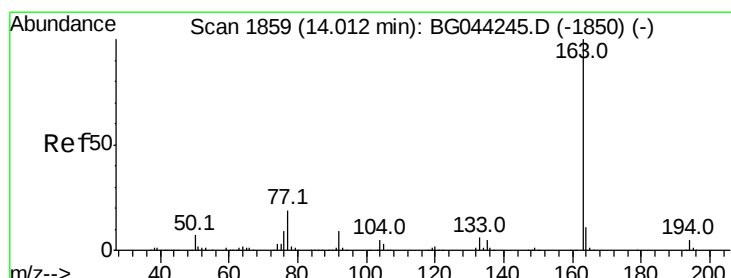
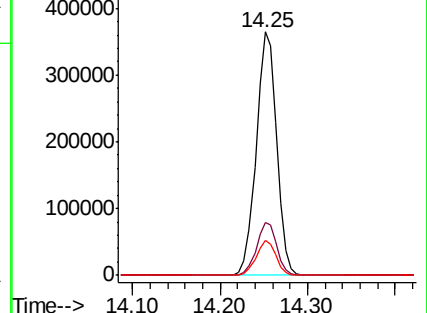
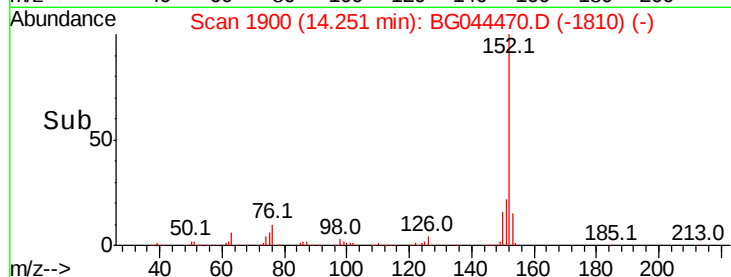
153 14.5 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.455 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

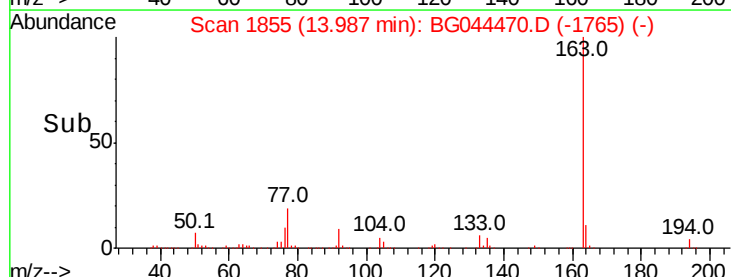
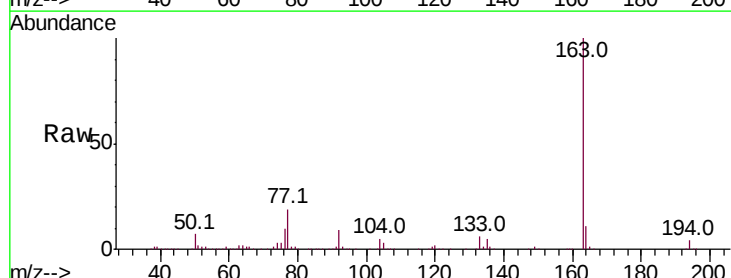
Tgt Ion:163 Resp: 473783

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

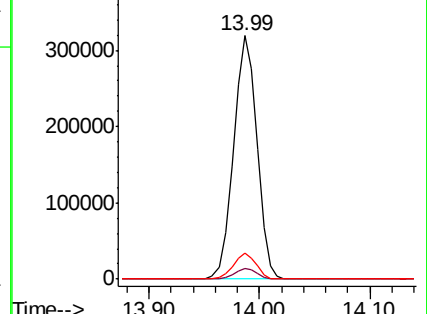
164 10.7 8.7 13.1

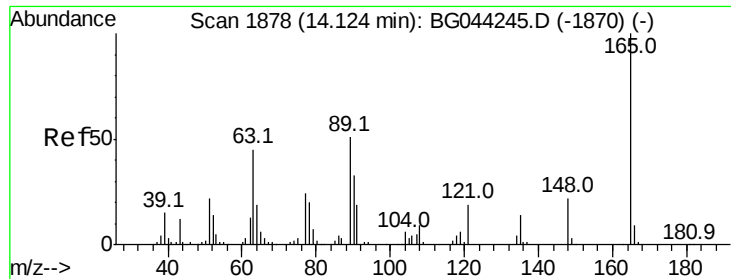


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

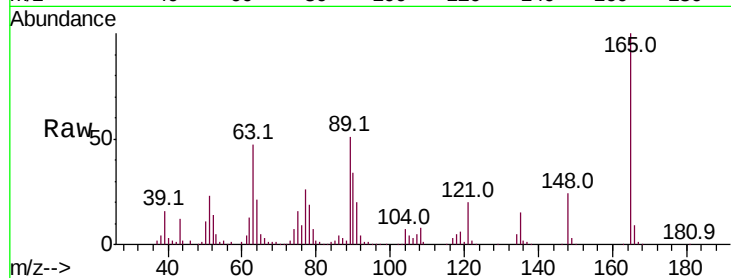




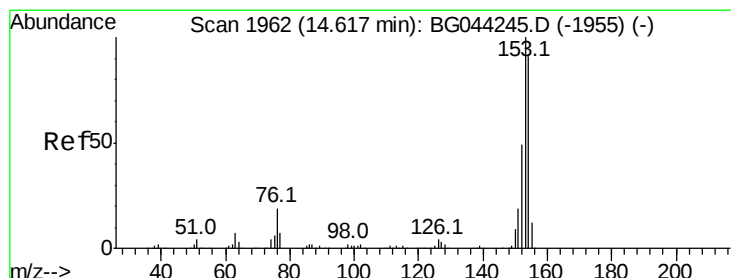
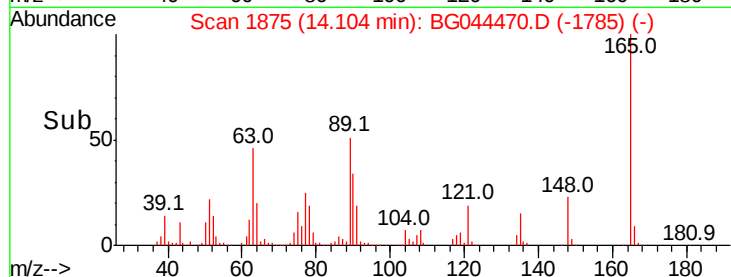
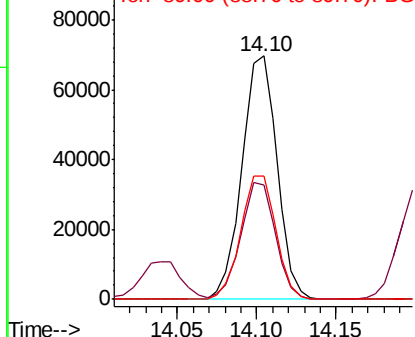
#51
 2,6-Dinitrotoluene
 Concen: 38.040 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion:165 Resp: 107286
 Ion Ratio Lower Upper
 165 100
 63 46.9 38.7 58.1
 89 50.7 40.4 60.6

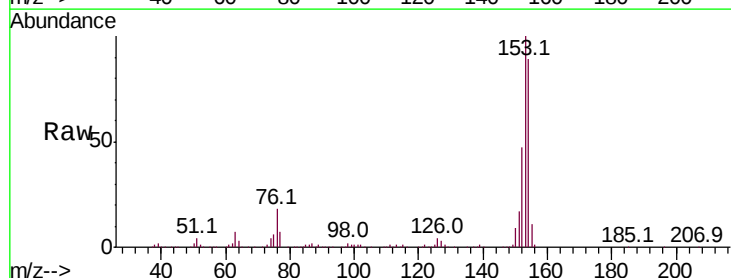


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

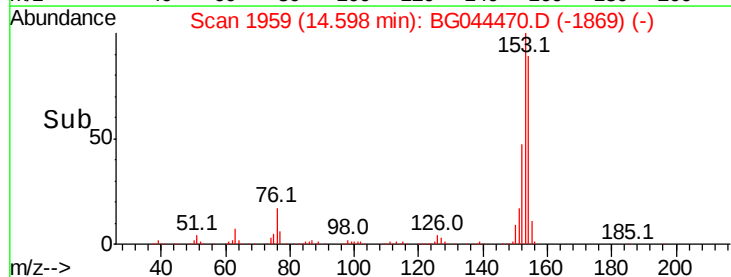
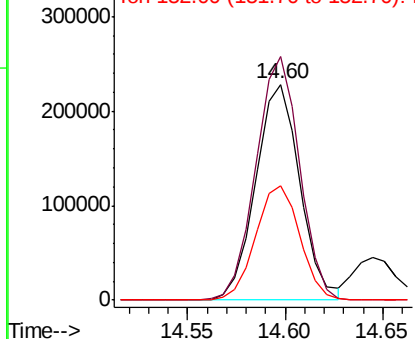


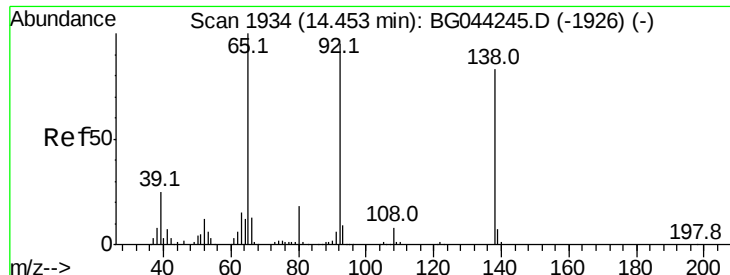
#52
 Acenaphthene
 Concen: 37.289 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion:154 Resp: 358062
 Ion Ratio Lower Upper
 154 100
 153 113.0 87.9 131.9
 152 53.0 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.593 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

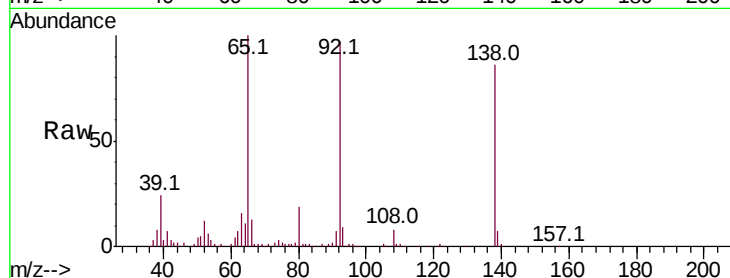
Tot Ion:138 Resp: 89220

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

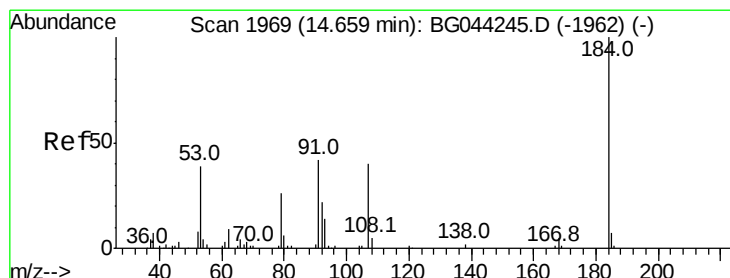
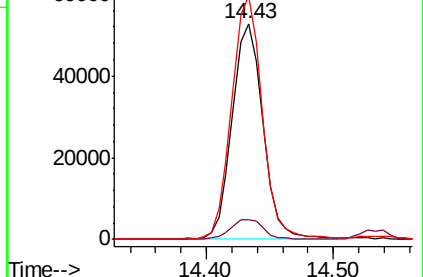
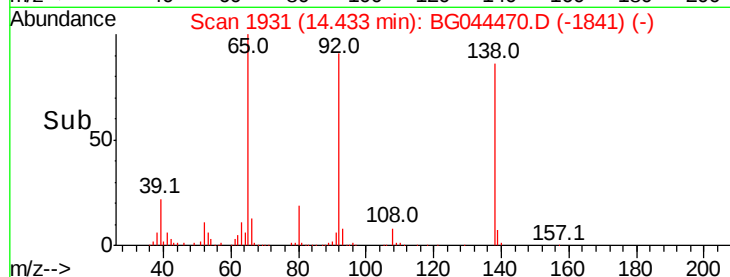
92 112.8 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 84.270 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

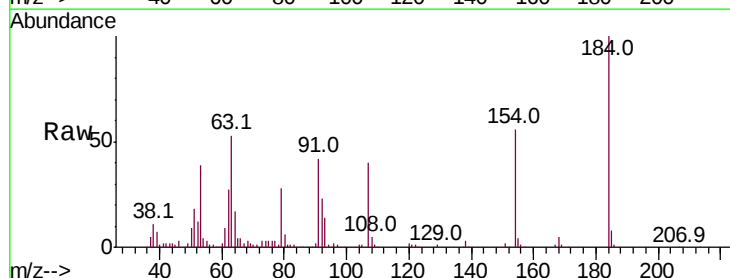
Tgt Ion:184 Resp: 141583

Ion Ratio Lower Upper

184 100

63 52.9 44.1 66.1

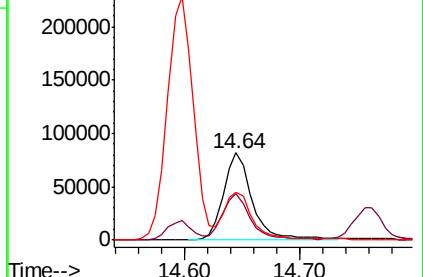
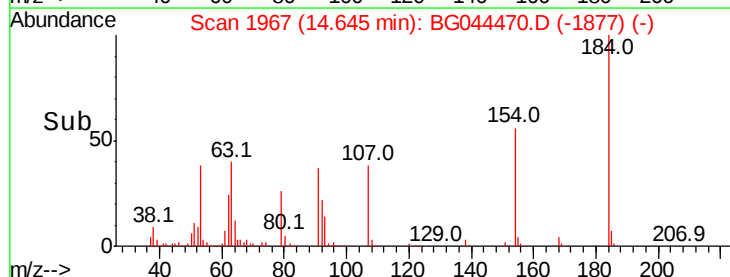
154 55.5 45.4 68.0

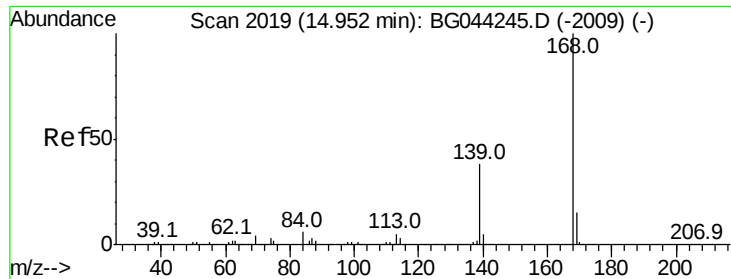


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

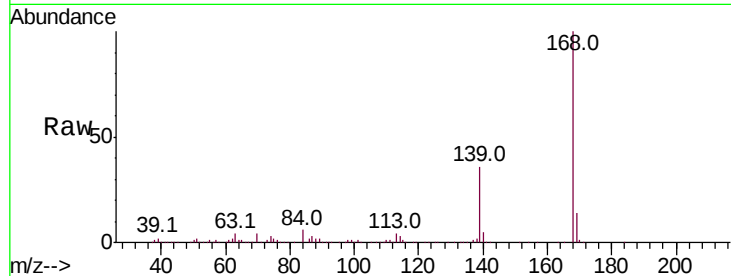




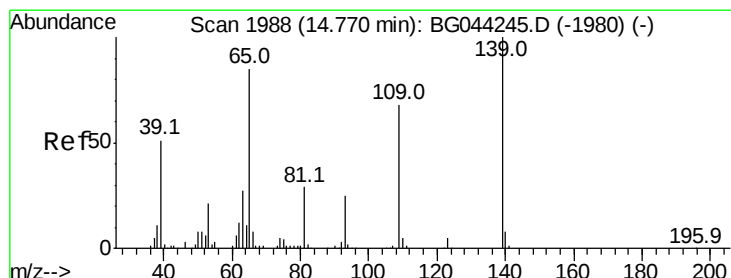
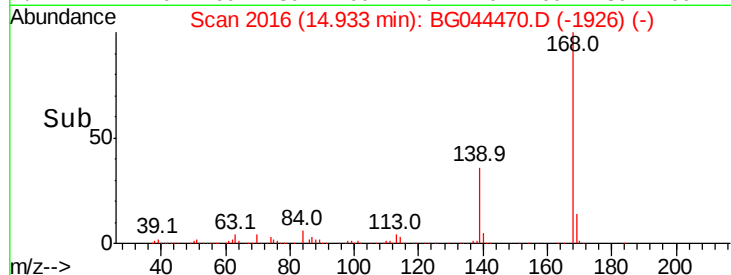
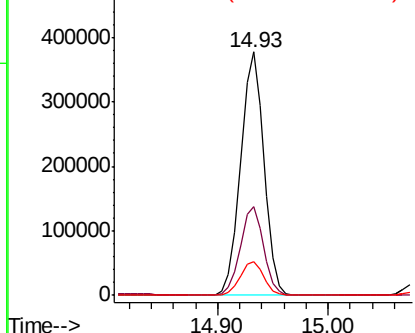
#55
Dibenzofuran
Concen: 38.573 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:168 Resp: 560787
Ion Ratio Lower Upper
168 100
139 36.5 30.5 45.7
169 13.8 11.7 17.5

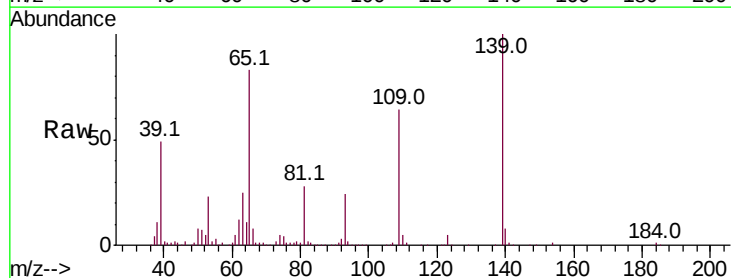


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

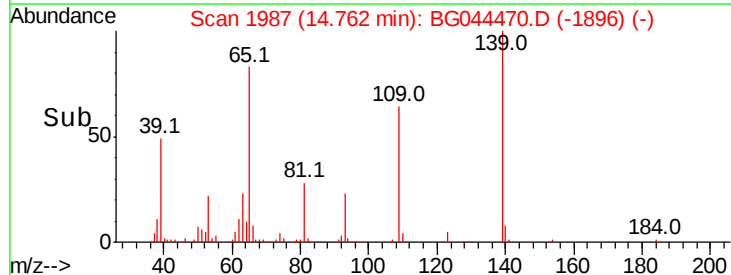
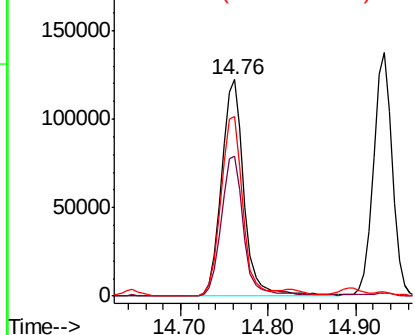


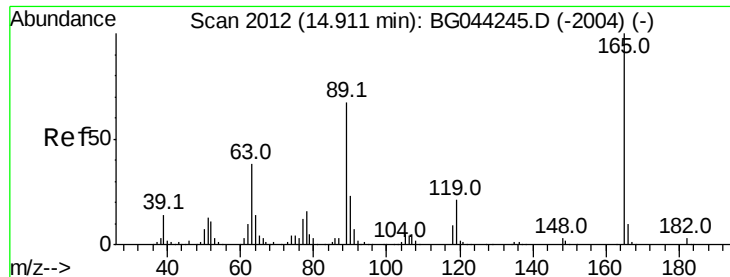
#56
4-Nitrophenol
Concen: 95.585 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:139 Resp: 218473
Ion Ratio Lower Upper
139 100
109 64.4 47.5 87.5
65 82.7 64.9 104.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

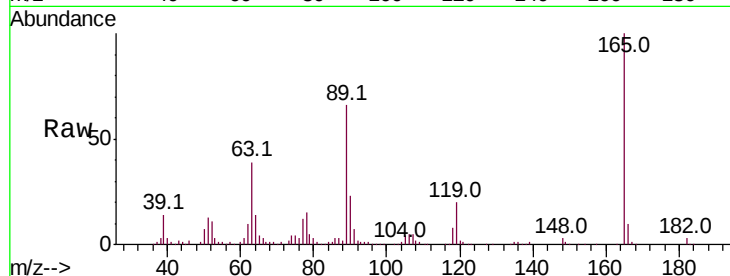




#57
2,4-Dinitrotoluene
Concen: 39.423 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	30.3	45.5
89	65.6	53.4	80.2
182	2.8	2.1	3.1



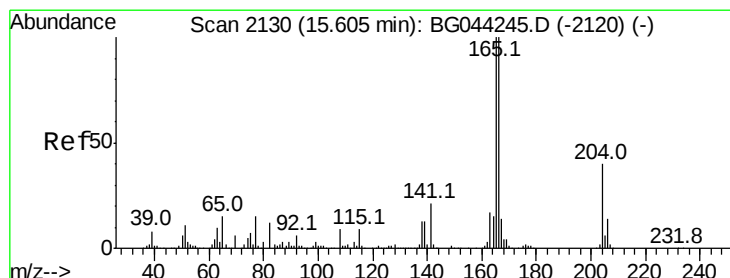
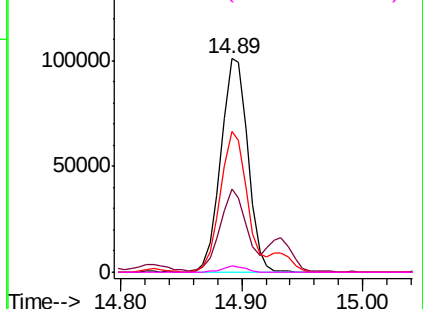
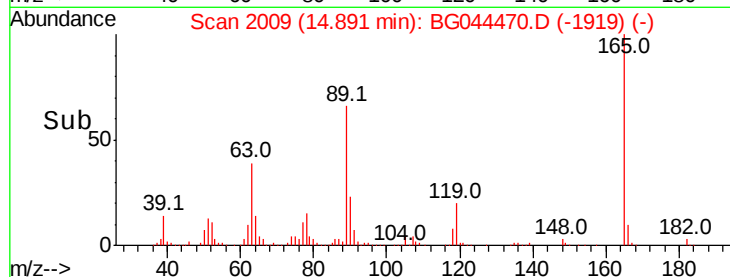
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

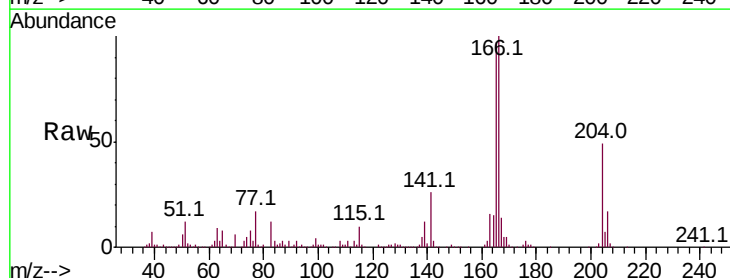
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.931 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.9	119.9
167	13.7	11.4	17.0

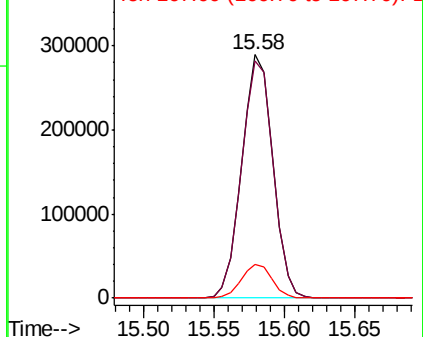
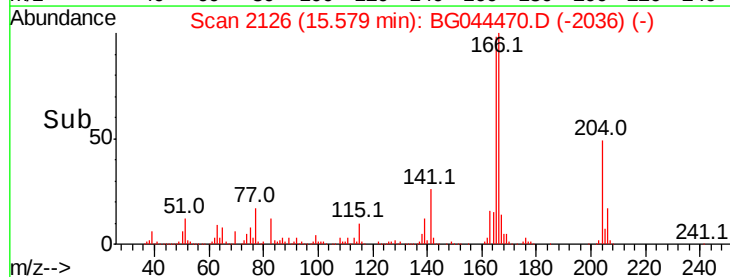


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

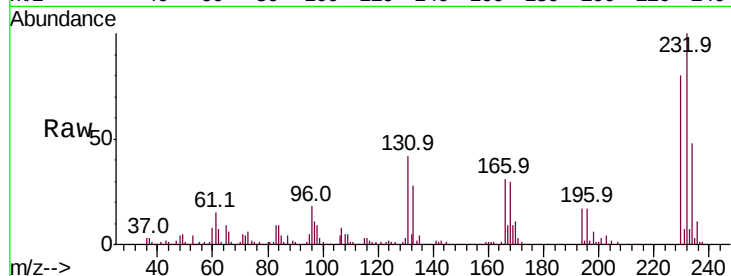




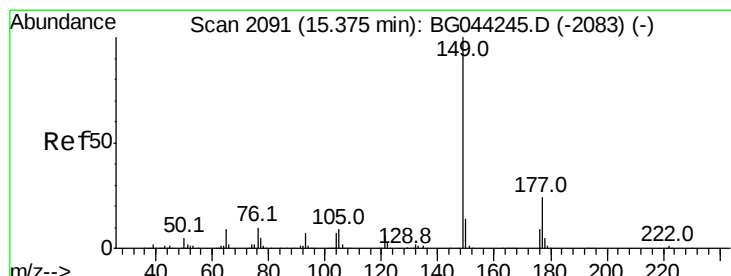
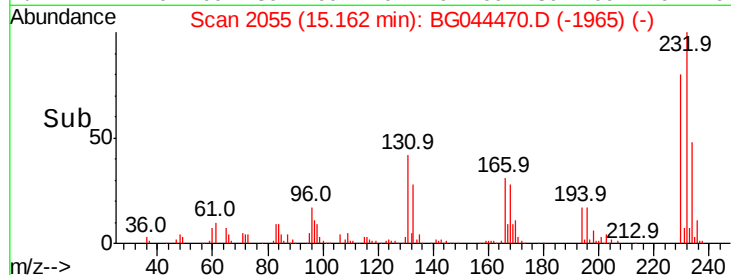
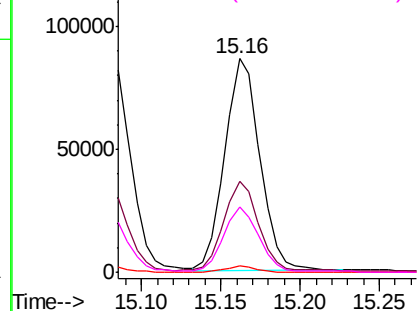
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.460 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.2	51.4
130	2.6	1.8	2.8
166	31.9	23.8	35.8

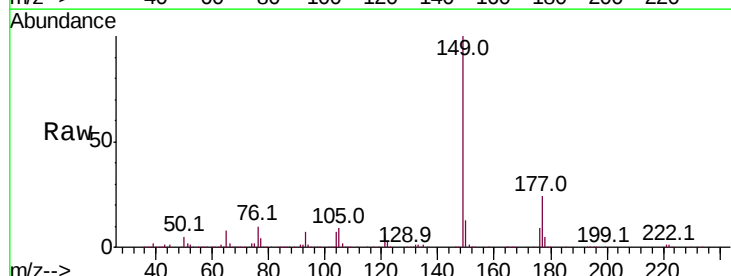


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

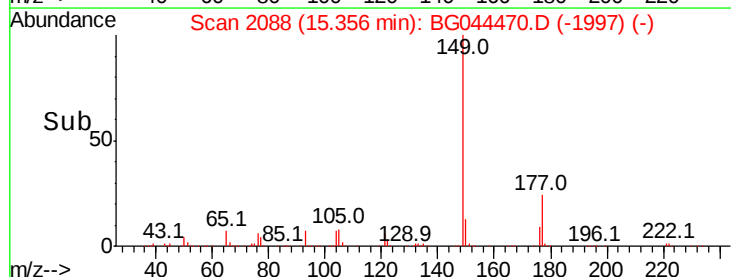
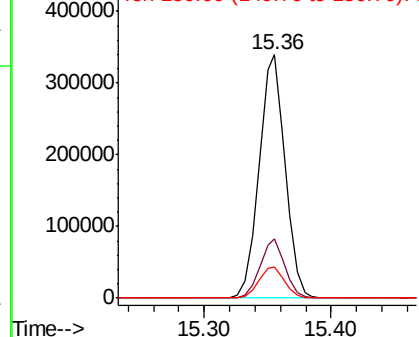


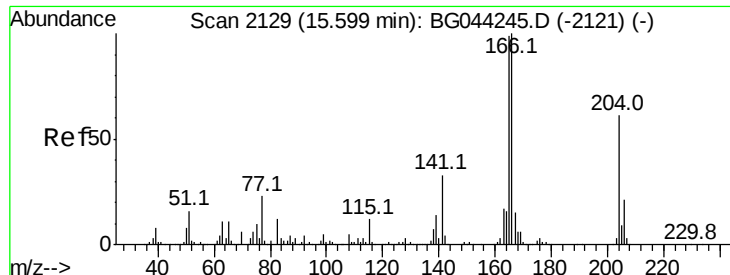
#60
 Diethylphthalate
 Concen: 38.383 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	12.8	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

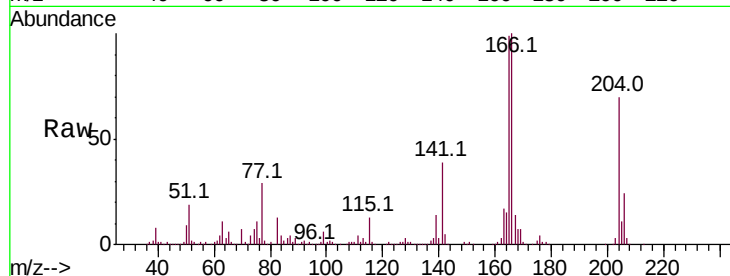




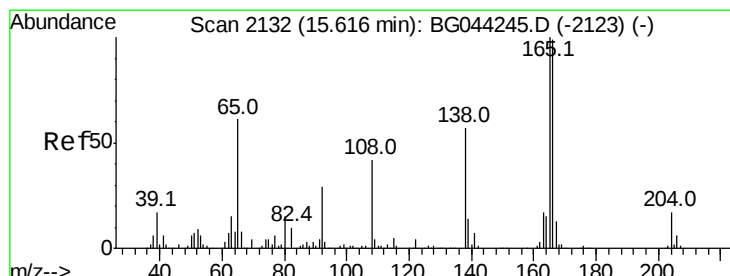
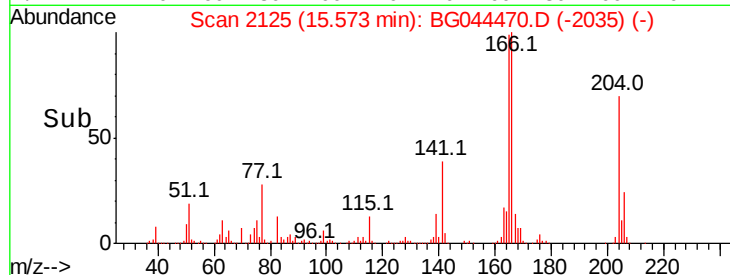
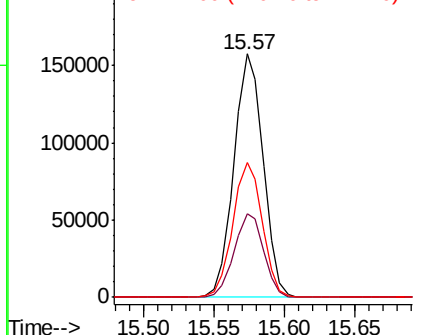
#61
 4-Chlorophenyl-phenylether
 Concen: 36.602 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.6	41.4
141	55.4	43.4	65.0

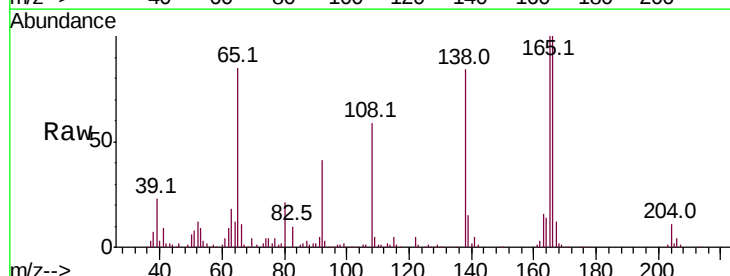


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

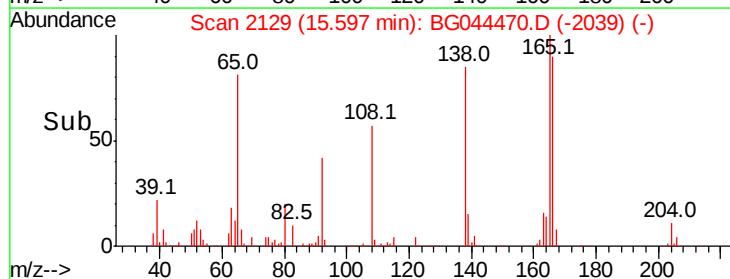
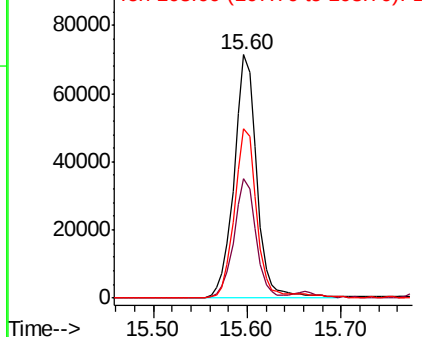


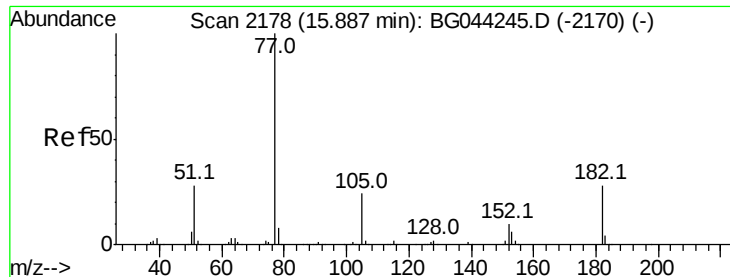
#62
 4-Nitroaniline
 Concen: 38.707 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.3	71.3
108	69.3	52.6	92.6



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

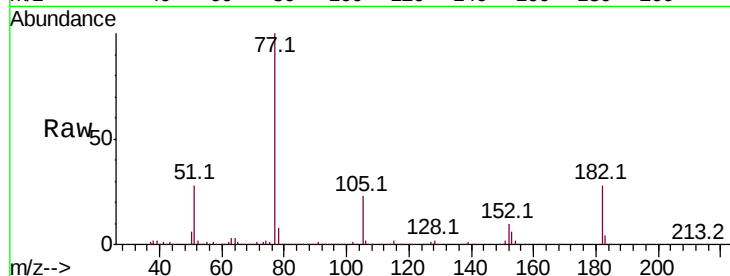




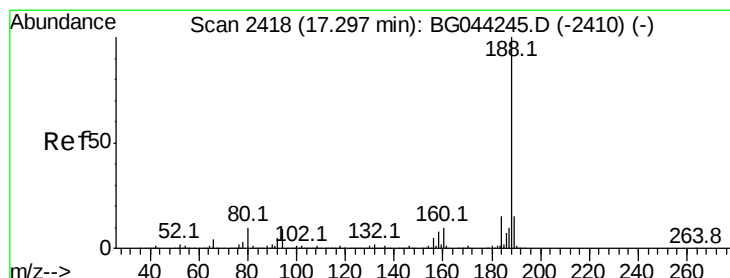
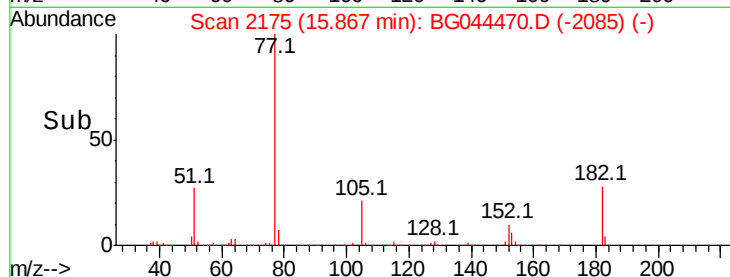
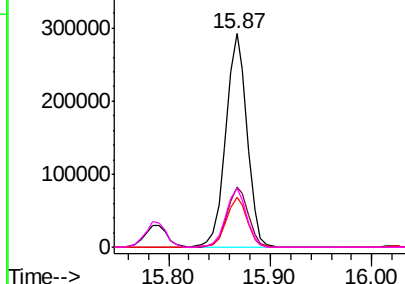
#63
Azobenzene
Concen: 38.257 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:	77	Resp:	422610
Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.2	48.2
105	23.5	3.6	43.6
51	27.6	8.3	48.3

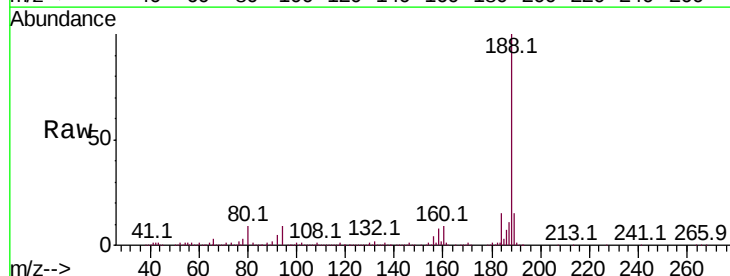


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

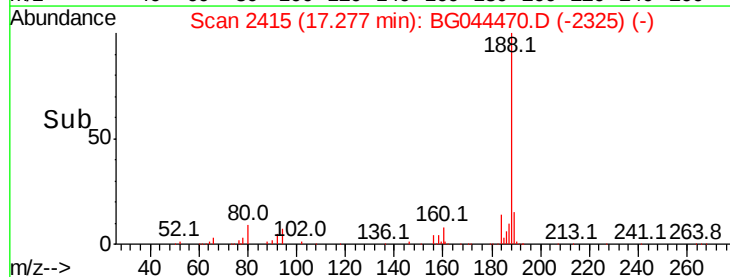
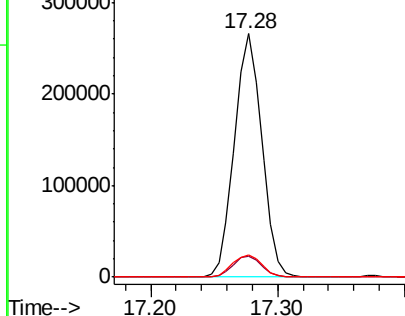


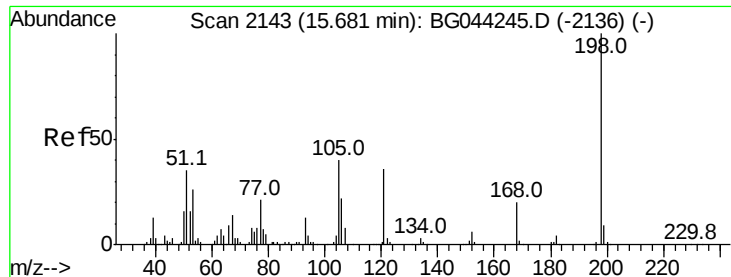
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:	188	Resp:	398078
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.168 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

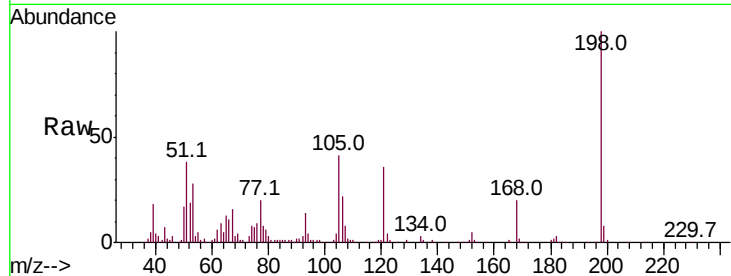
Tot Ion:198 Resp: 105843

Ion Ratio Lower Upper

198 100

51 38.3 16.6 56.6

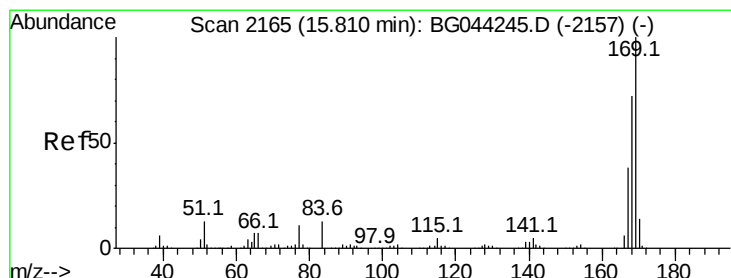
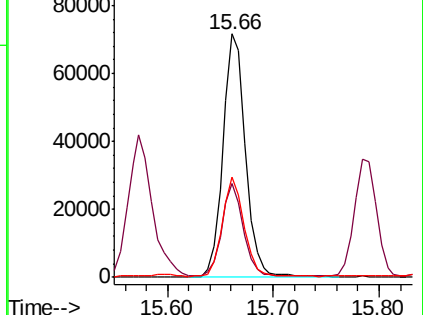
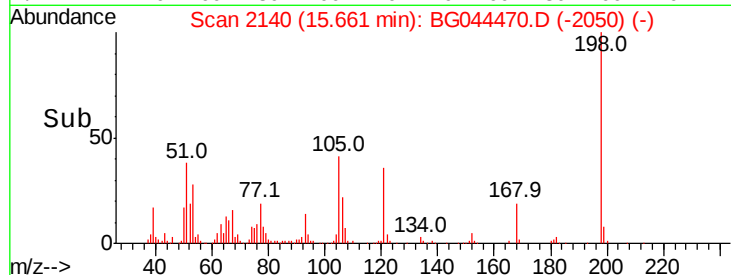
105 41.4 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.280 ng

RT: 15.79 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

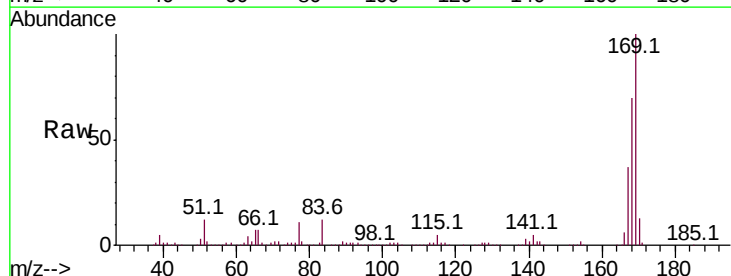
Tgt Ion:169 Resp: 415895

Ion Ratio Lower Upper

169 100

168 70.5 57.9 86.9

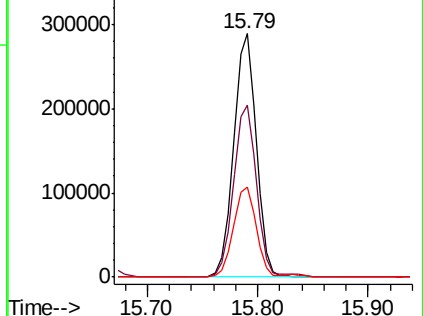
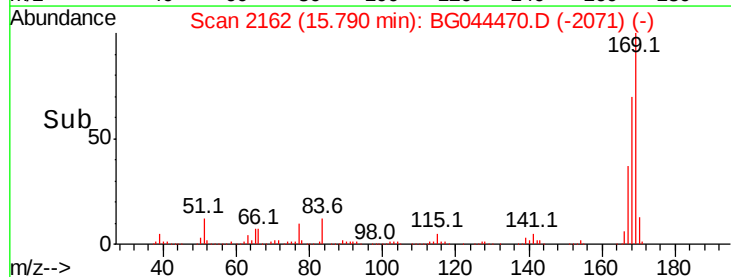
167 37.0 30.7 46.1

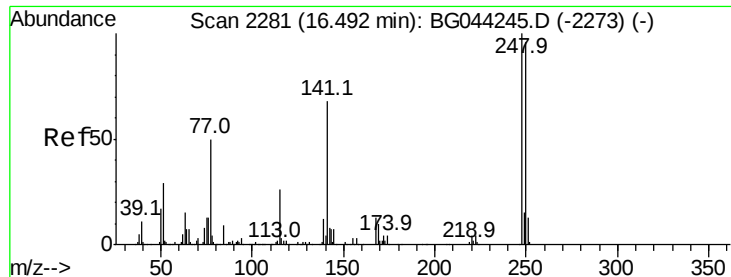


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

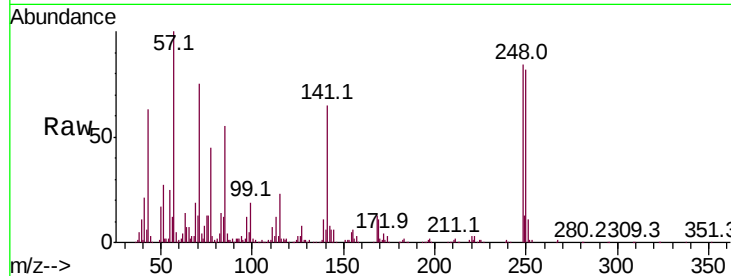




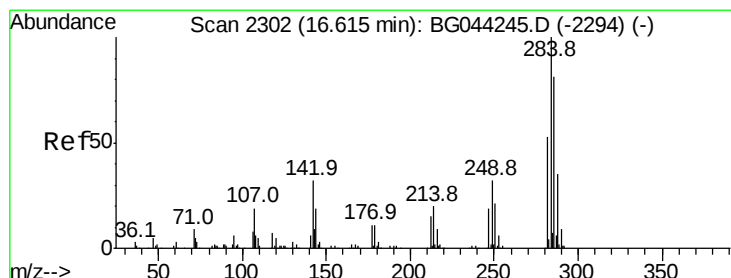
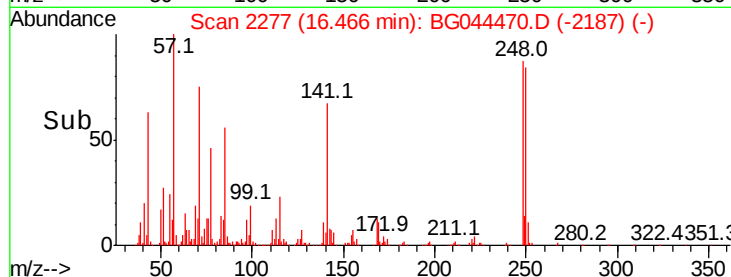
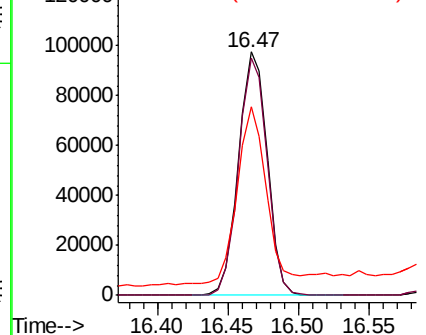
#67
4-Bromophenyl-phenylether
Concen: 31.901 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:248 Resp: 138355
Ion Ratio Lower Upper
248 100
250 97.4 76.6 114.8
141 77.6 54.7 82.1

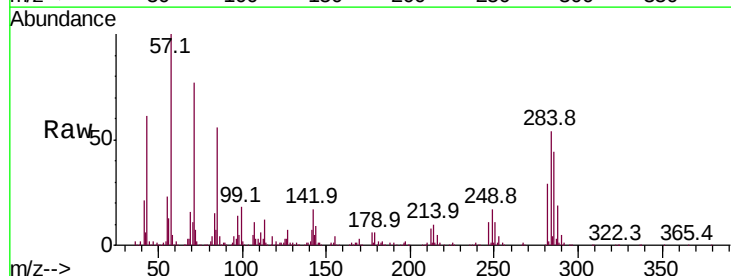


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

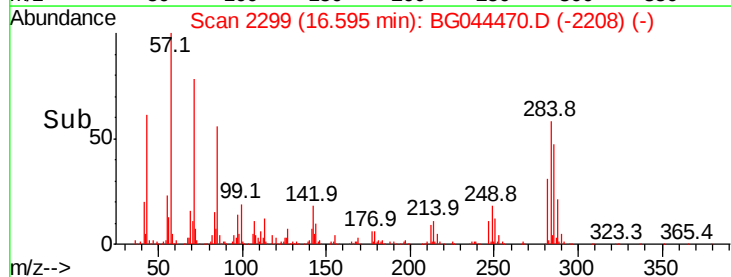
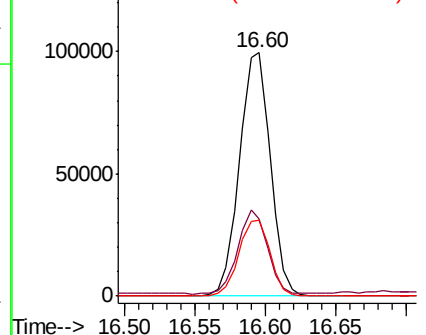


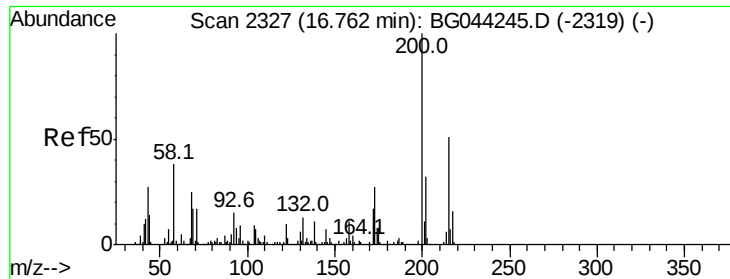
#68
Hexachlorobenzene
Concen: 31.181 ng
RT: 16.60 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:284 Resp: 151507
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 31.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

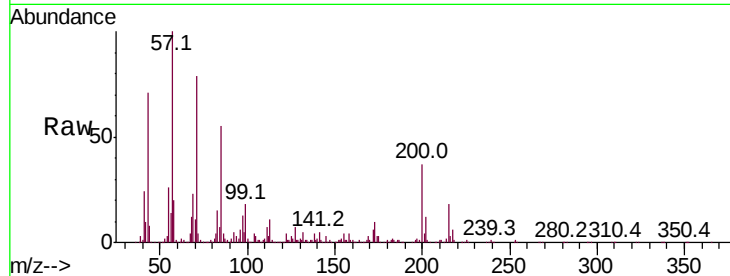




#69
Atrazine
Concen: 37.672 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	47.6	31.0	71.0

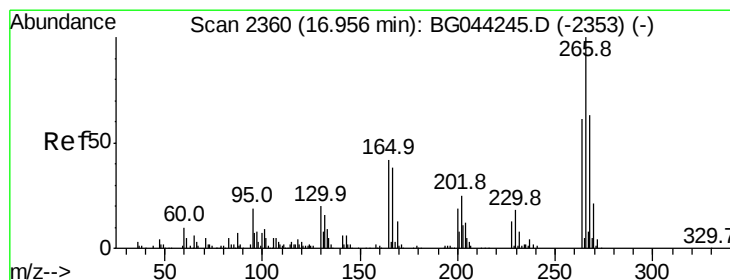
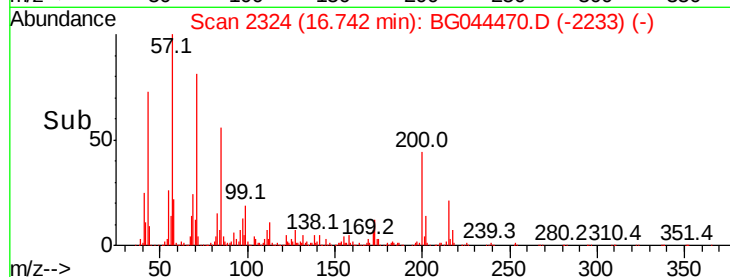
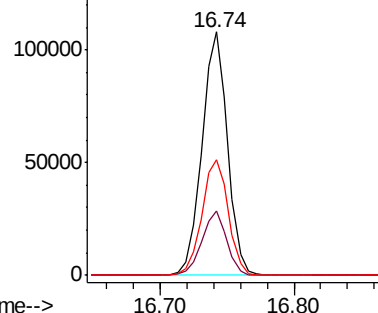


Abundance

Ion 200.00 (199.70 to 200.70): E

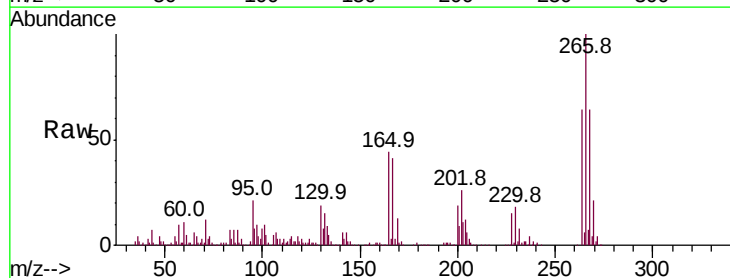
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.187 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	63.6	48.7	73.1

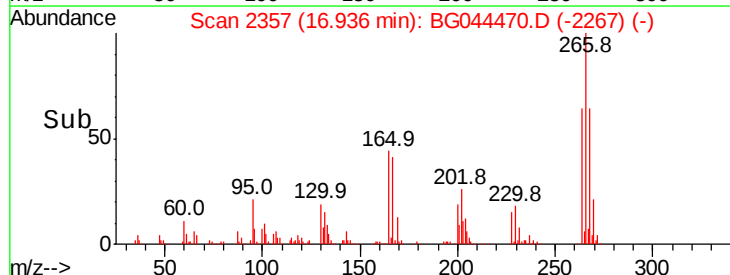
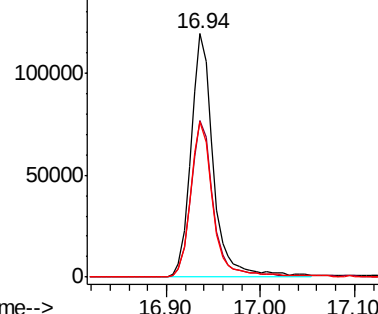


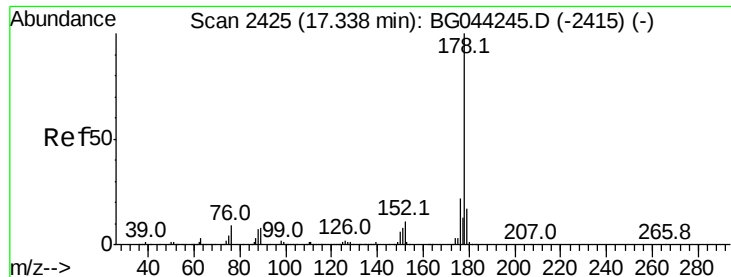
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

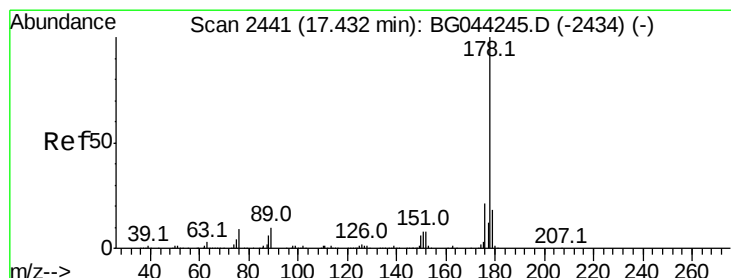
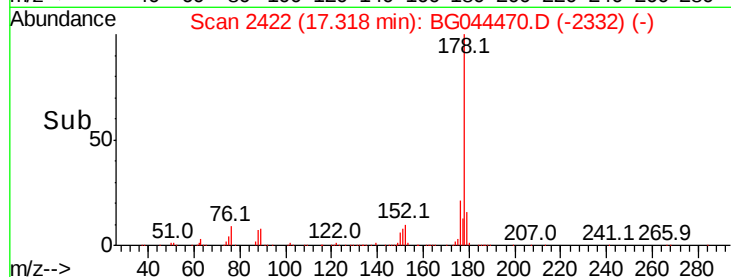
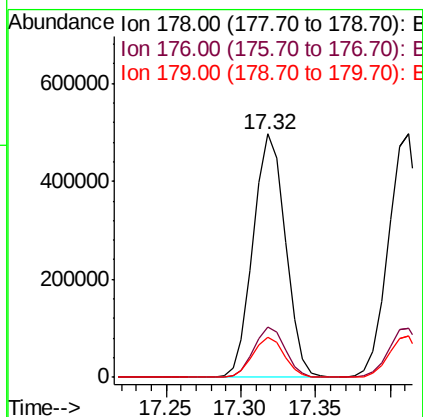
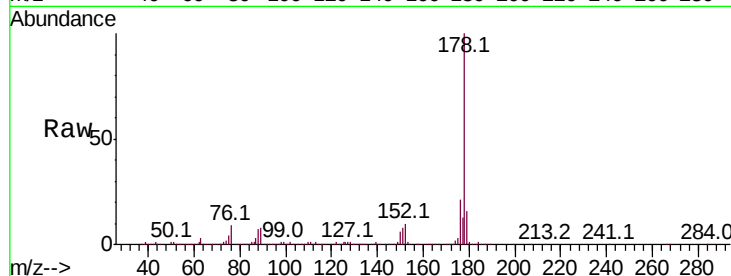




#71
Phenanthrene
Concen: 38.486 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

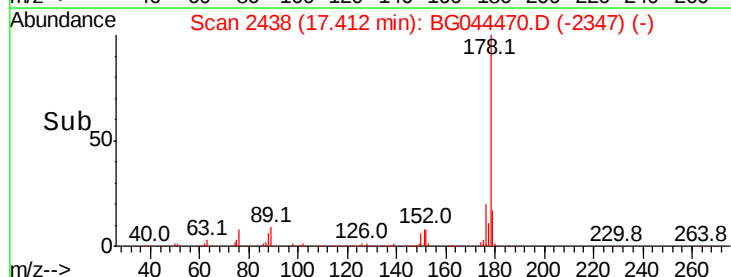
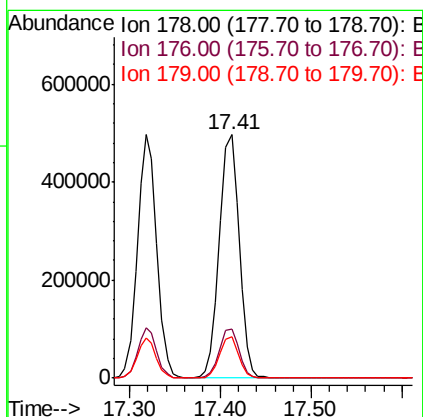
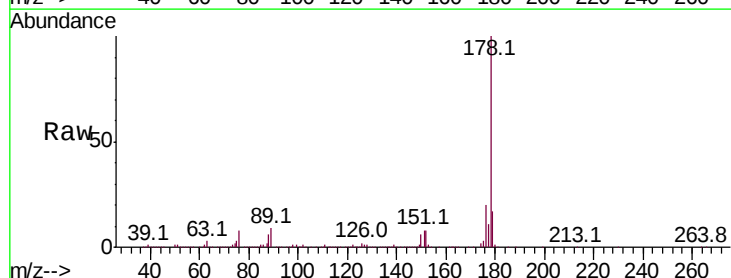
Instrument :
BNA_G
ClientSampleId :
PB126850BS

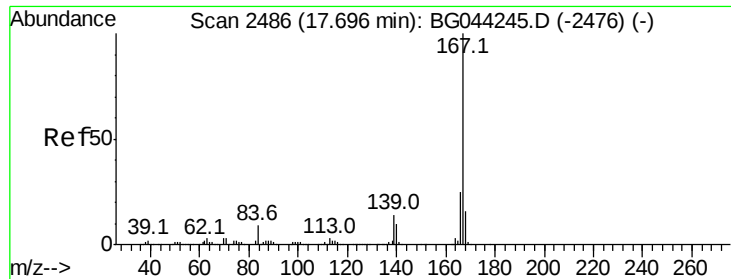
Tot Ion:178 Resp: 741866
Ion Ratio Lower Upper
178 100
176 20.9 17.7 26.5
179 16.4 13.7 20.5



#72
Anthracene
Concen: 39.766 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:178 Resp: 757847
Ion Ratio Lower Upper
178 100
176 20.3 17.0 25.4
179 16.8 14.4 21.6

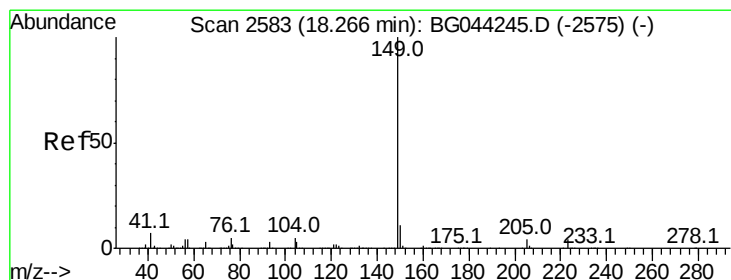
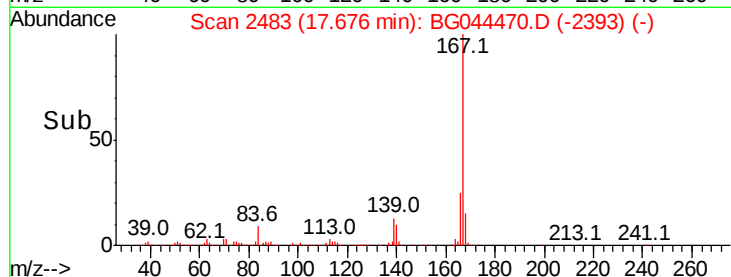
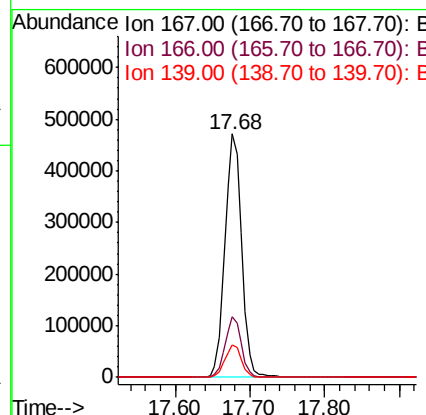
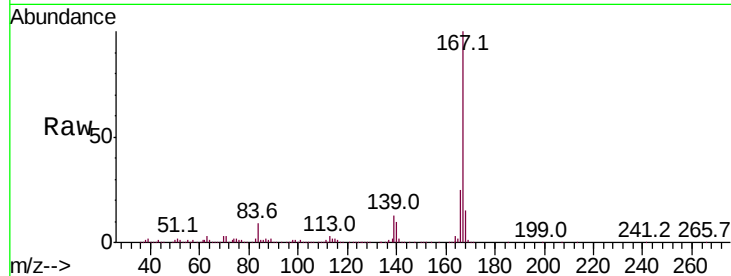




#73
 Carbazole
 Concen: 41.939 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

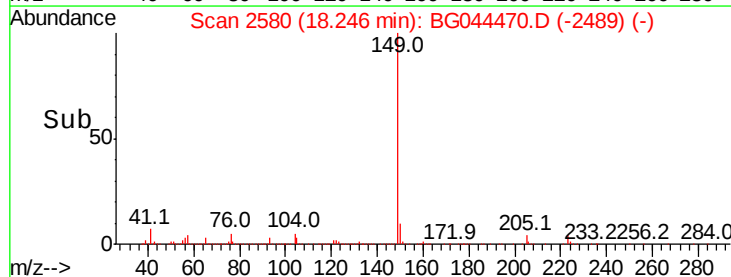
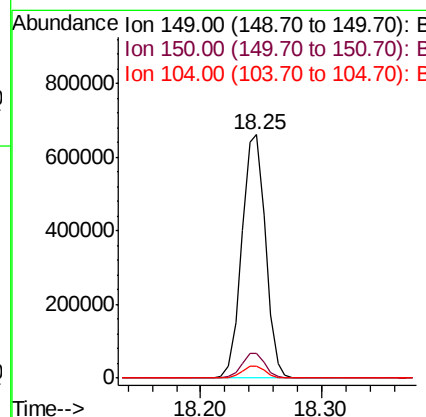
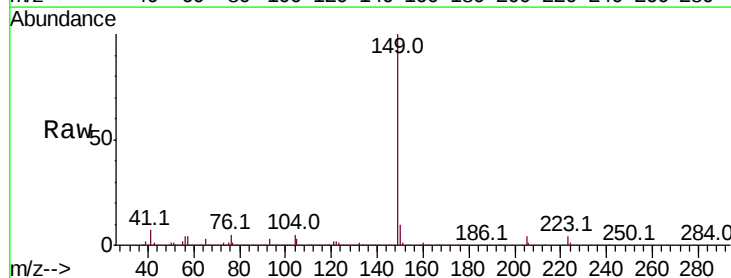
Instrument :
 BNA_G
 ClientSampleId :
 PB126850BS

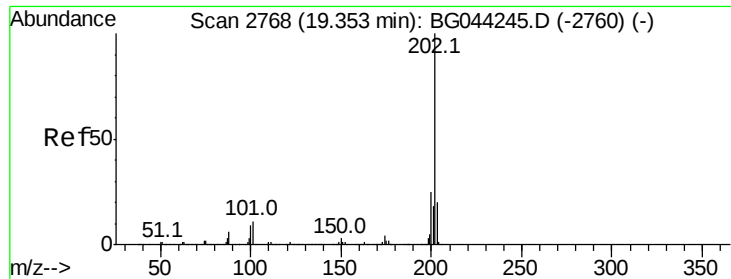
Tot Ion:167 Resp: 736822
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.8 29.6
 139 13.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.473 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. 0.01 min
 Lab File: BG044470.D
 Acq: 18 Feb 2020 13:20

Tgt Ion:149 Resp: 900432
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.7 13.1
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 41.489 ng

RT: 19.33 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

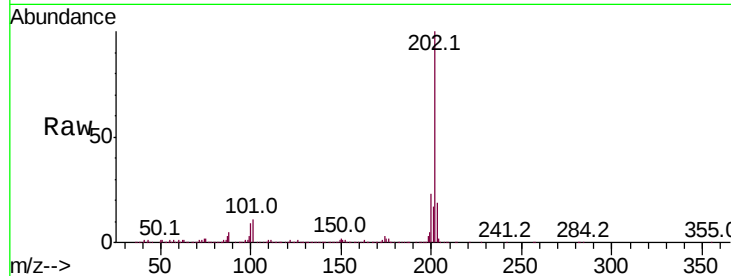
Tot Ion:202 Resp: 925167

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

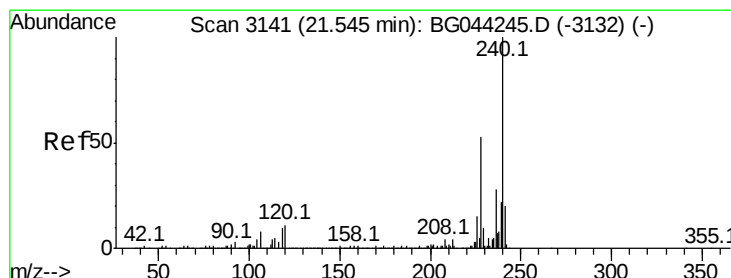
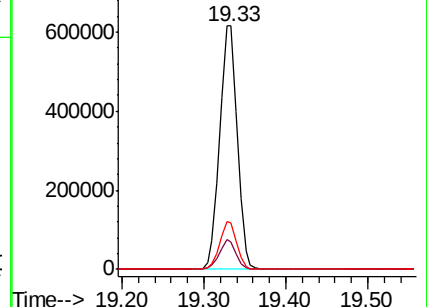
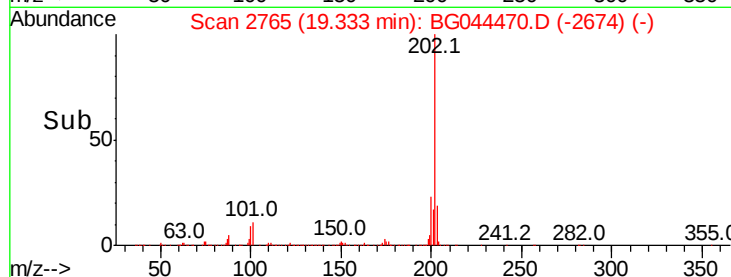
203 19.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

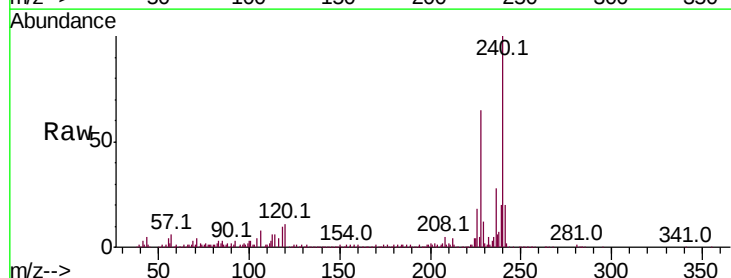
Tgt Ion:240 Resp: 396649

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

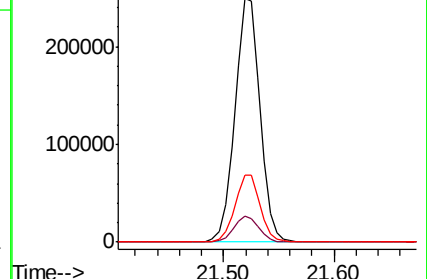
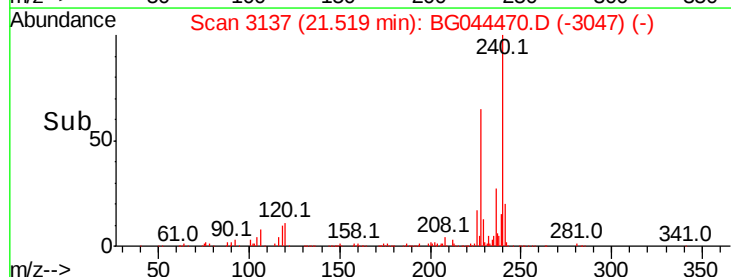
236 27.6 22.1 33.1

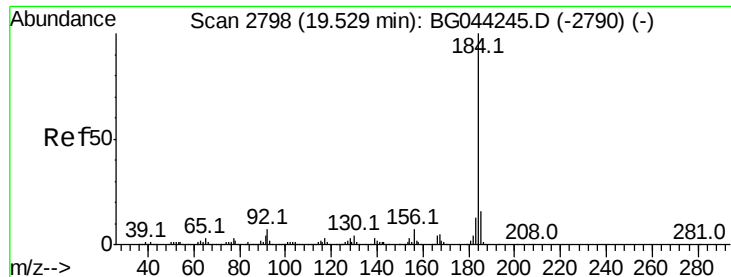


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.437 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

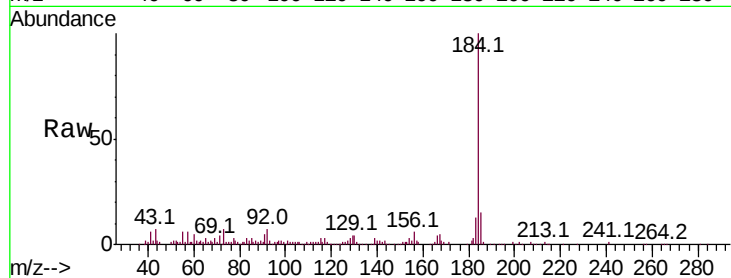
Tot Ion:184 Resp: 158841

Ion Ratio Lower Upper

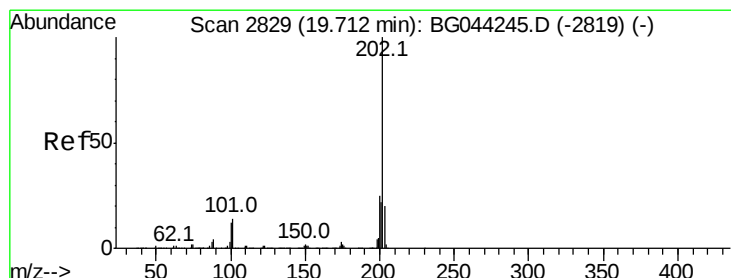
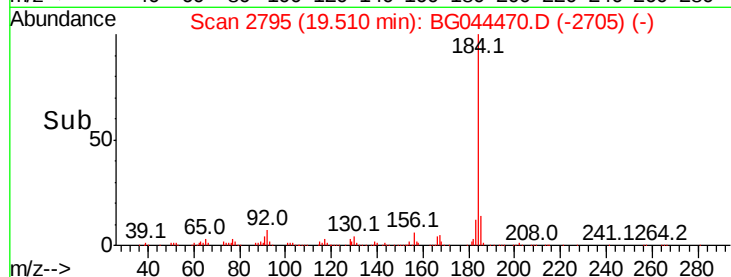
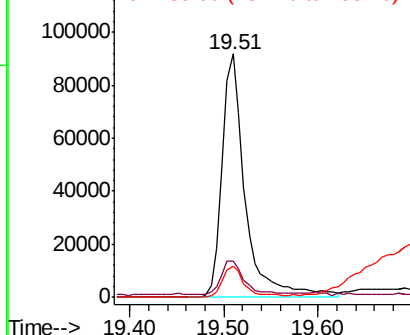
184 100

185 15.0 12.9 19.3

183 12.8 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.042 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

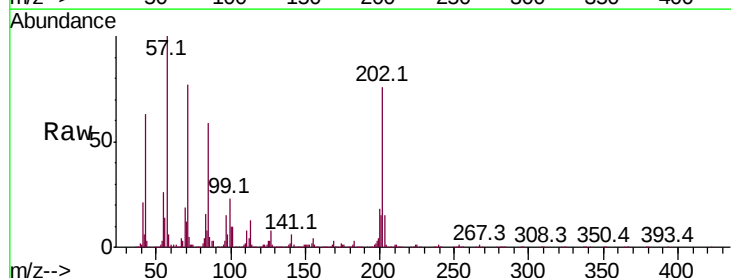
Tgt Ion:202 Resp: 790736

Ion Ratio Lower Upper

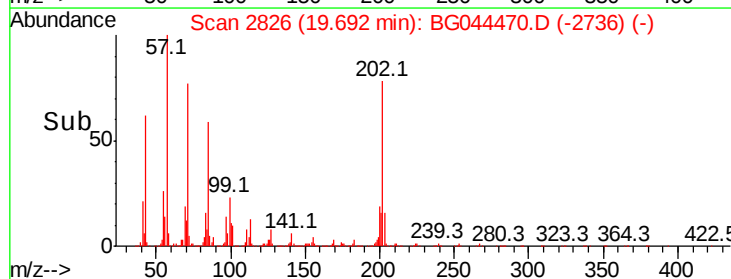
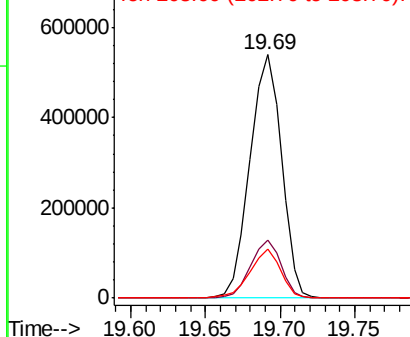
202 100

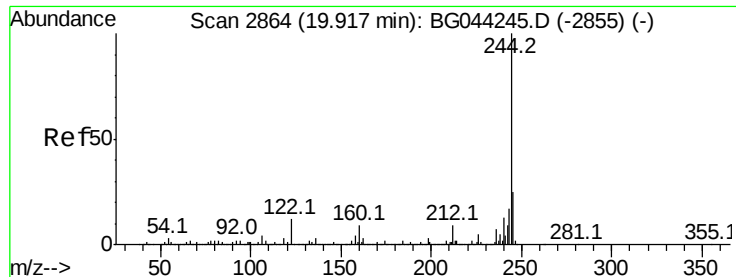
200 23.7 20.0 30.0

203 20.0 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.817 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

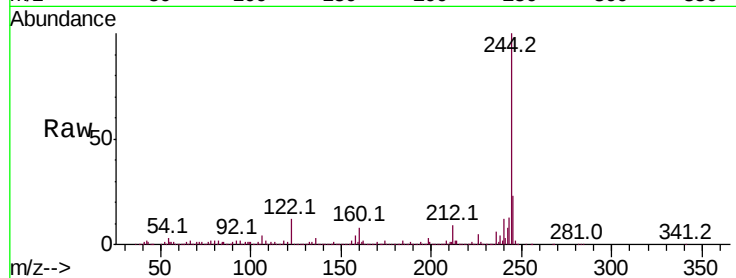
Tot Ion:244 Resp: 1192080

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.6	9.8	14.6

244 100

212 8.5 7.4 11.2

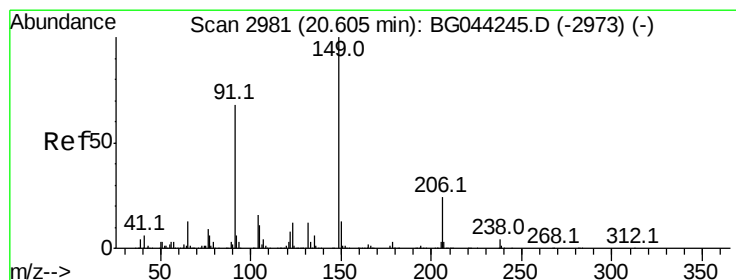
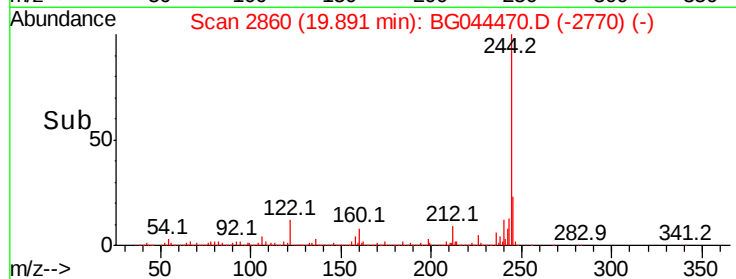
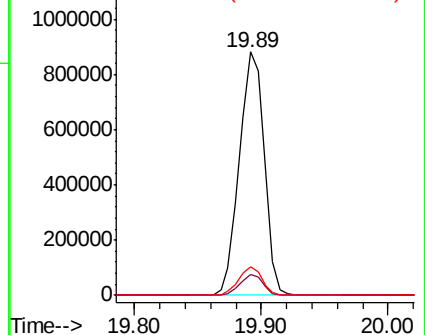
122 11.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.876 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

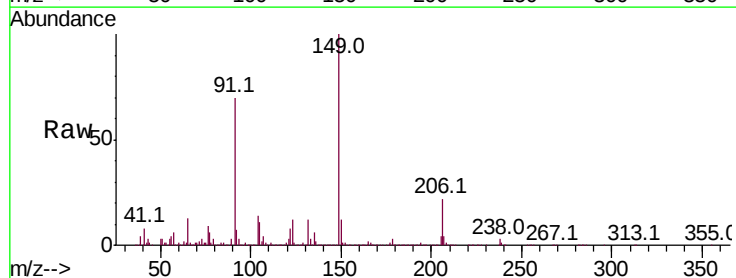
Tgt Ion:149 Resp: 428069

Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.5	81.7
206	22.2	19.1	28.7

149 100

91 69.8 54.5 81.7

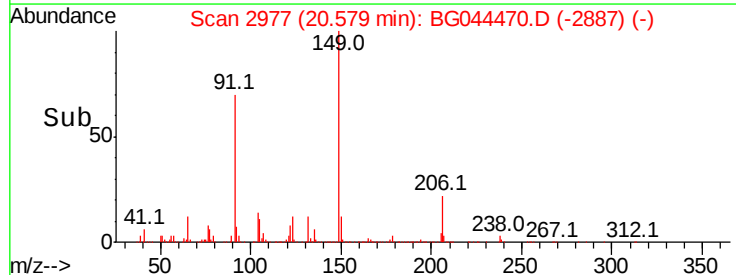
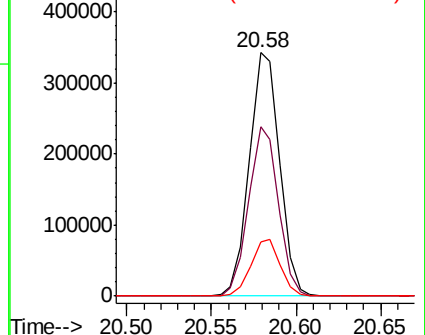
206 22.2 19.1 28.7

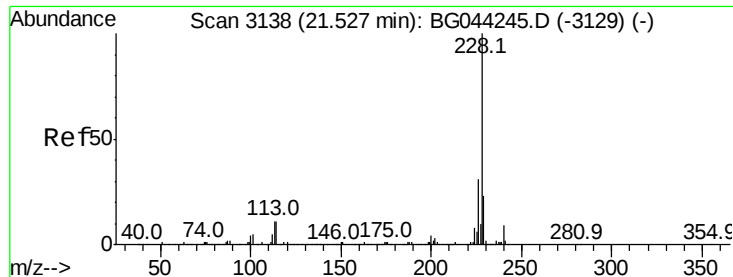


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.328 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

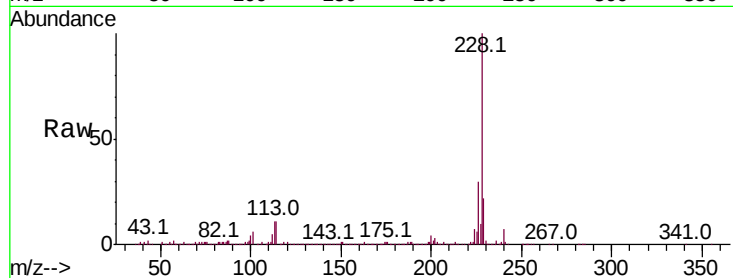
Tot Ion:228 Resp: 936962

Ion Ratio Lower Upper

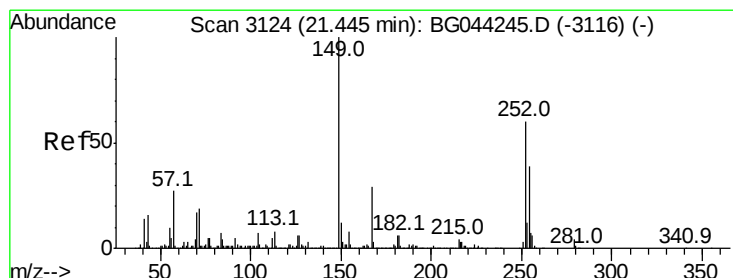
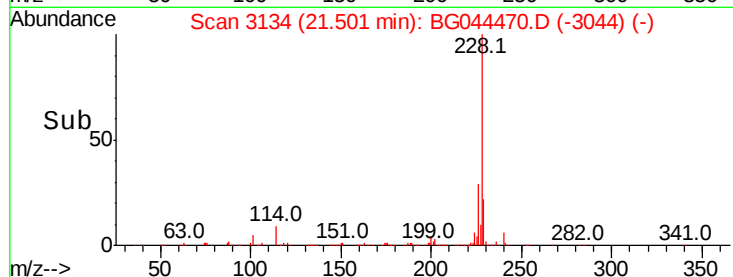
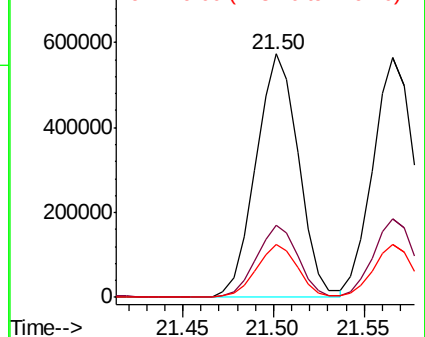
228 100

226 29.7 24.7 37.1

229 21.5 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.350 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

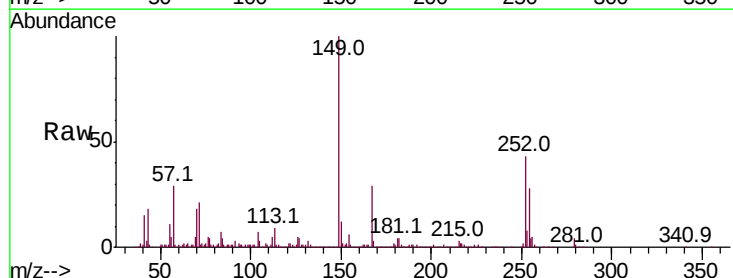
Tgt Ion:252 Resp: 278461

Ion Ratio Lower Upper

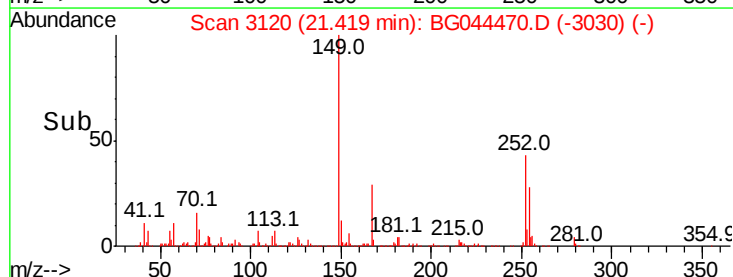
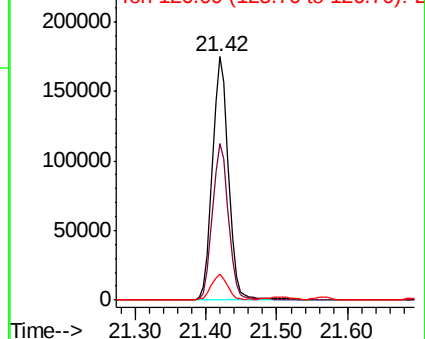
252 100

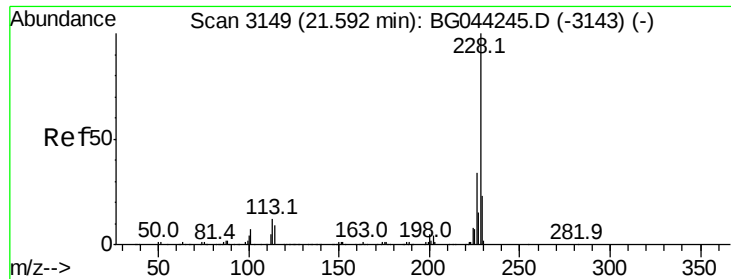
254 64.2 52.6 78.8

126 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.899 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

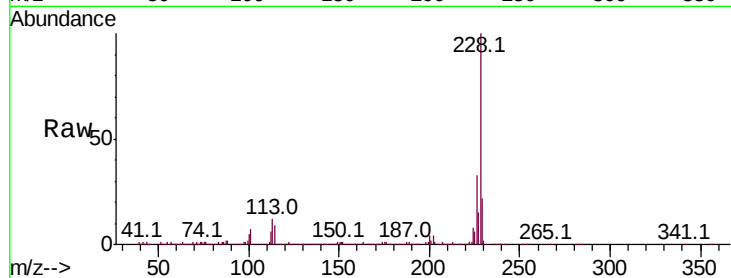
Tot Ion:228 Resp: 895513

Ion Ratio Lower Upper

228 100

226 32.9 27.1 40.7

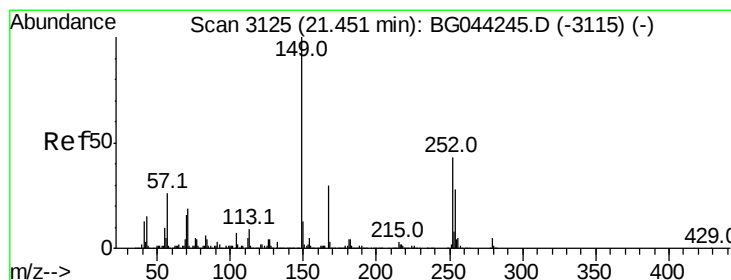
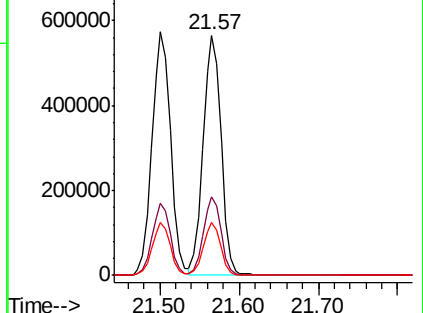
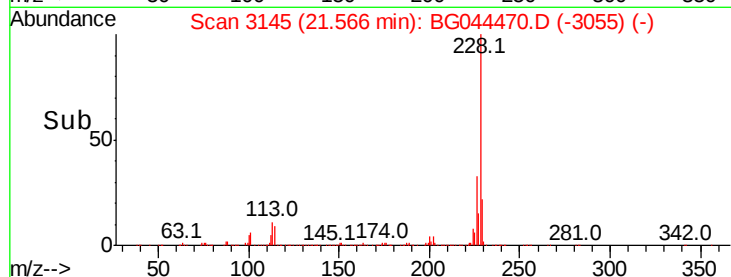
229 22.2 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.958 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

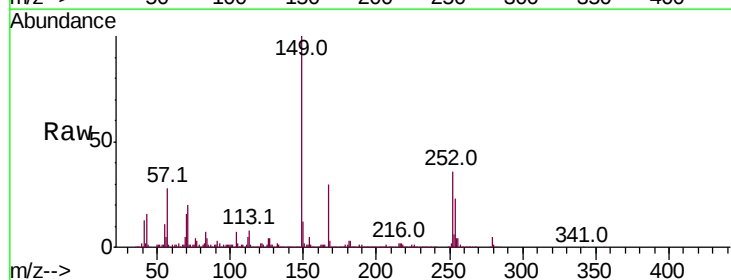
Tgt Ion:149 Resp: 606483

Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

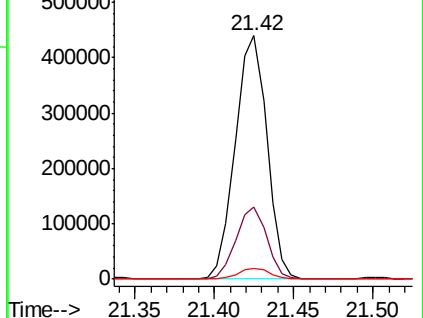
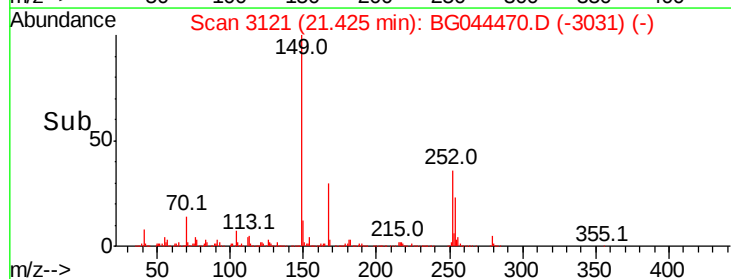
279 4.6 3.8 5.8

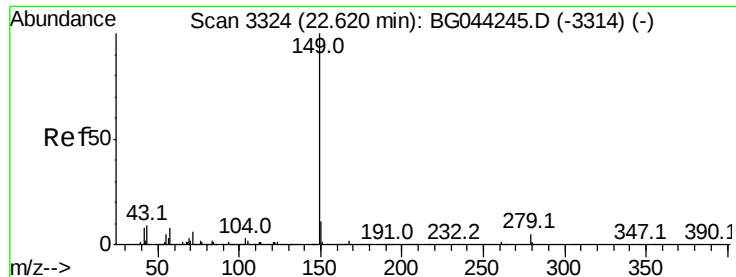


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.190 ng

RT: 22.58 min Scan# 3318

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

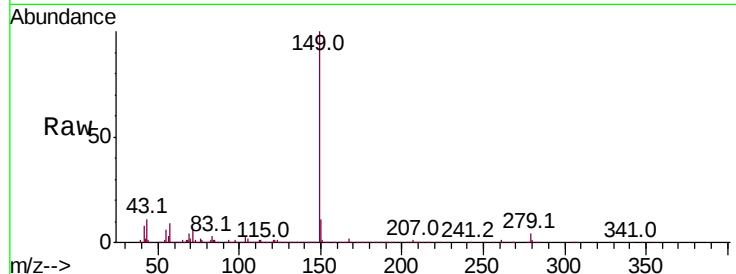
Tot Ion:149 Resp: 1083417

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

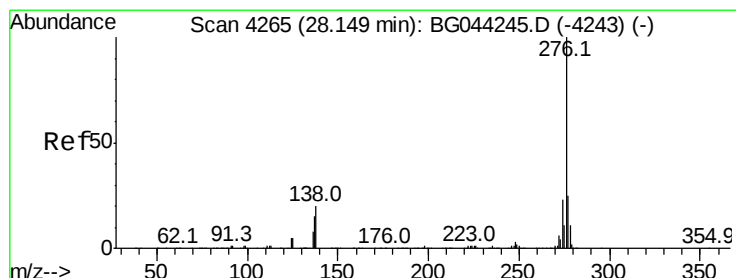
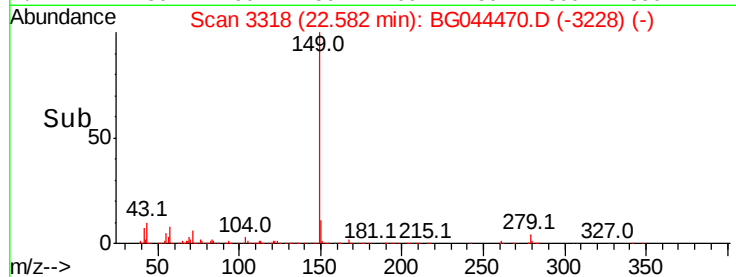
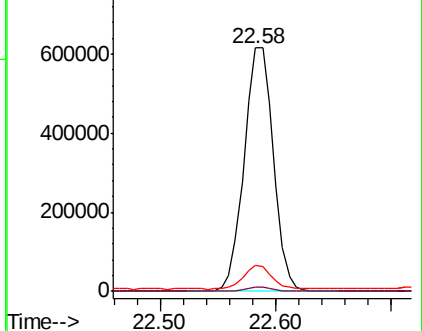
43 10.2 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.215 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

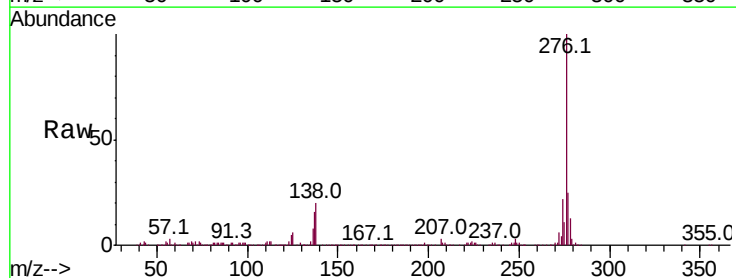
Tgt Ion:276 Resp: 1147249

Ion Ratio Lower Upper

276 100

138 25.2 19.4 29.0

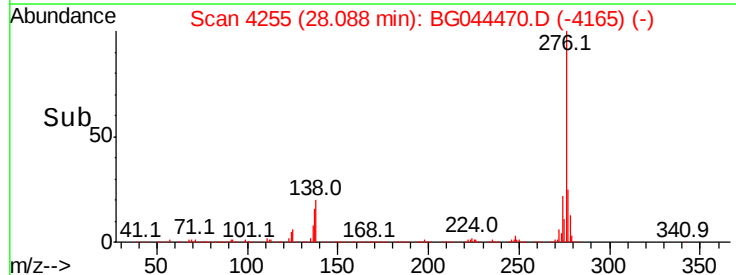
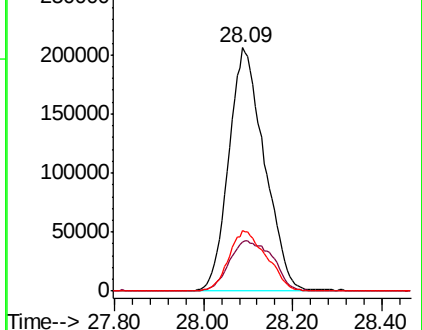
277 26.3 21.0 31.6

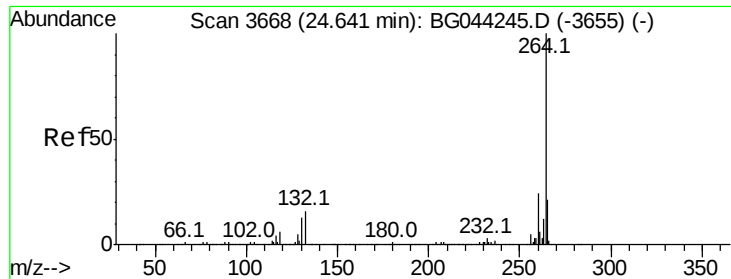


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB126850BS

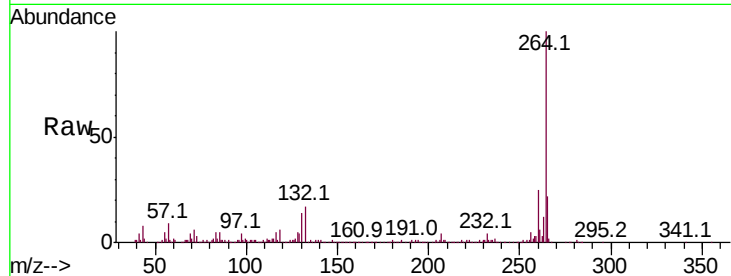
Tot Ion:264 Resp: 329242

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.8 16.7 25.1

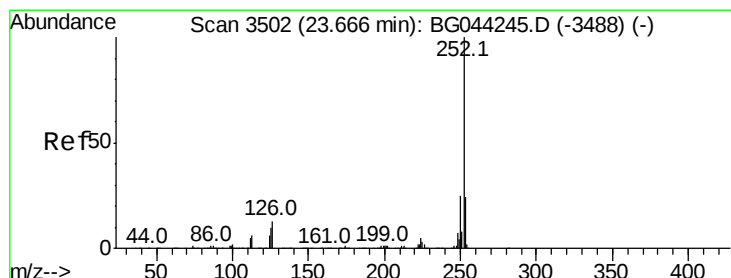
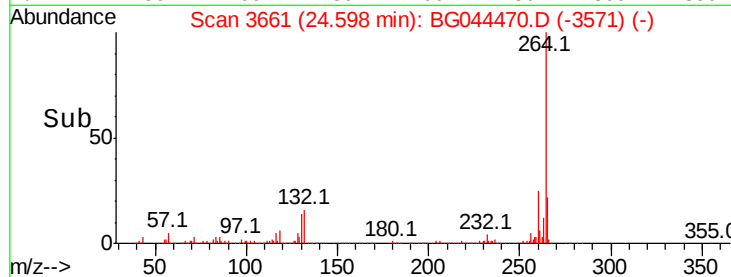
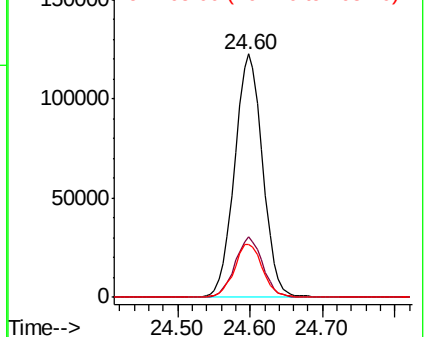


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.830 ng

RT: 23.63 min Scan# 3496

Delta R.T. -0.00 min

Lab File: BG044470.D

Acq: 18 Feb 2020 13:20

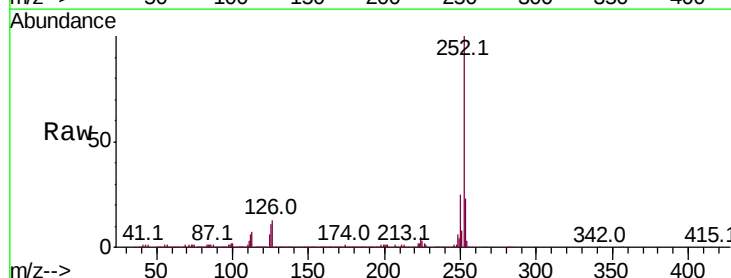
Tgt Ion:252 Resp: 983329

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

125 10.9 8.4 12.6

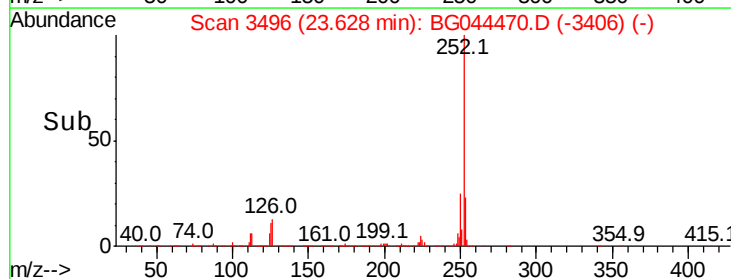
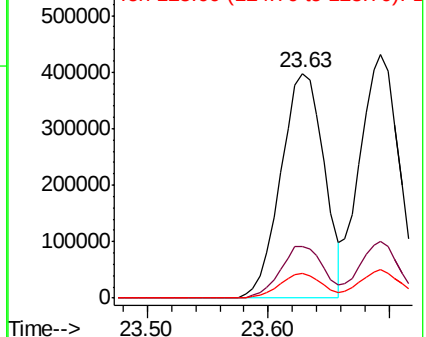


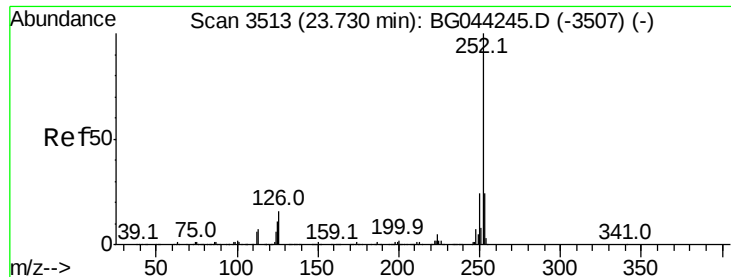
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

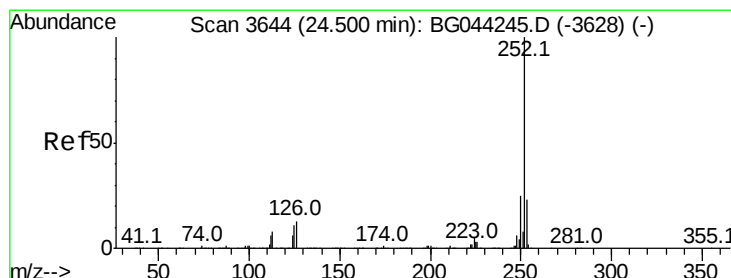
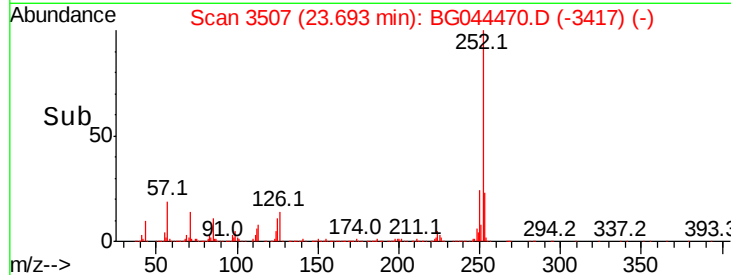
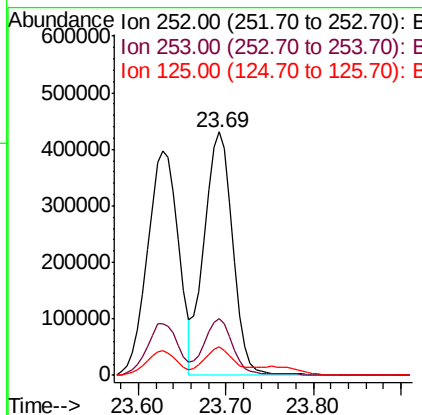
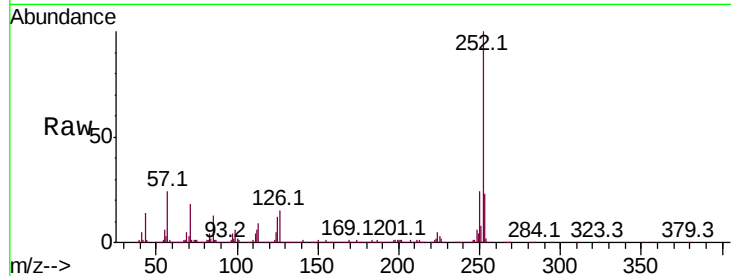




#89
Benzo(k)fluoranthene
Concen: 52.793 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

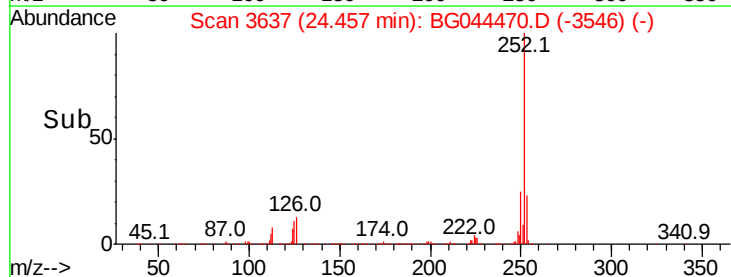
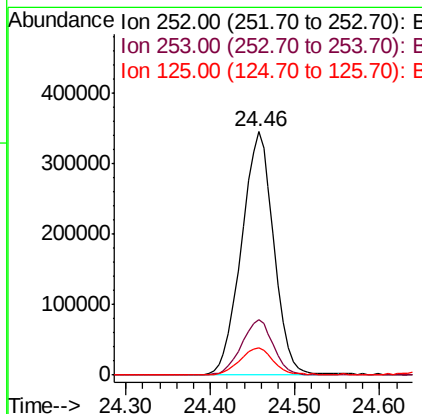
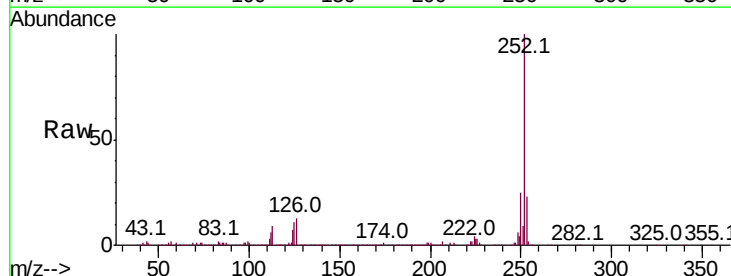
Instrument :
BNA_G
ClientSampleId :
PB126850BS

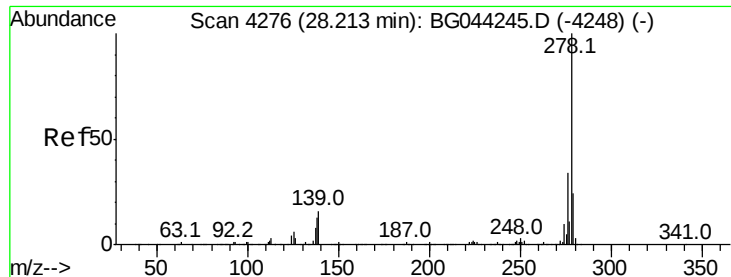
Tot	Ion:252	Resp:	976187
Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	11.7	8.6	12.8



#90
Benzo(a)pyrene
Concen: 50.845 ng
RT: 24.46 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt	Ion:252	Resp:	912047
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.4	8.6	13.0

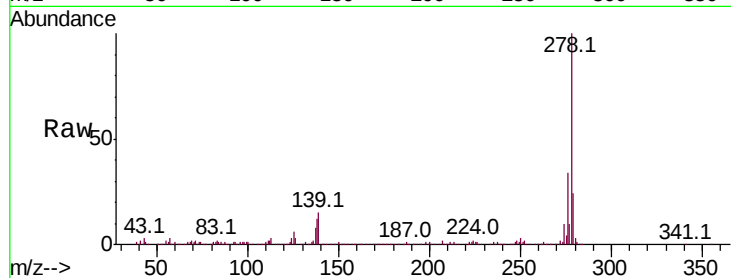




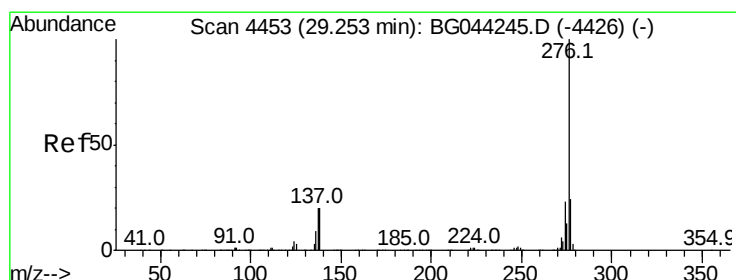
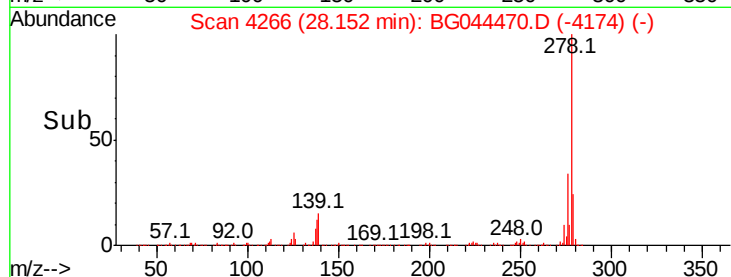
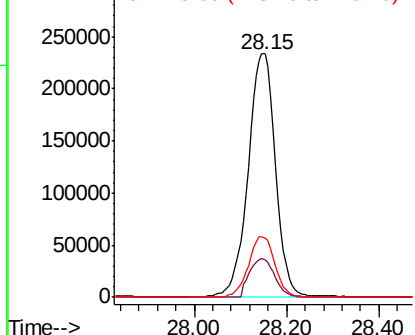
#91
Dibenzo(a,h)anthracene
Concen: 54.417 ng
RT: 28.15 min Scan# 4266
Delta R.T. 0.01 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Tot Ion:278 Resp: 966041
Ion Ratio Lower Upper
278 100
139 15.3 12.7 19.1
279 24.5 19.3 28.9

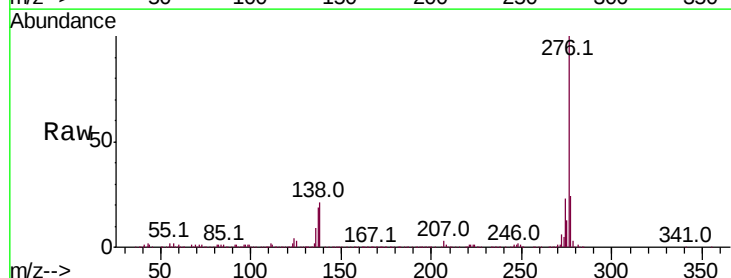


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.553 ng
RT: 29.17 min Scan# 4440
Delta R.T. -0.00 min
Lab File: BG044470.D
Acq: 18 Feb 2020 13:20

Tgt Ion:276 Resp: 987264
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 20.8 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

