

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044320.D
 Acq On : 6 Feb 2020 13:18
 Operator : CG/JU
 Sample : PB126601BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Quant Time: Feb 06 21:45:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	99945	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	440753	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	295831	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	629897	20.00	ng	0.00
76) Chrysene-d12	21.54	240	544111	20.00	ng	0.00
87) Perylene-d12	24.63	264	503586	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	621266	109.70	ng	0.00
7) Phenol-d6	7.09	99	833163	109.56	ng	0.00
23) Nitrobenzene-d5	9.07	82	501976	64.30	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	341307	98.28	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1179235	66.75	ng	0.00
79) Terphenyl-d14	19.91	244	1707076	64.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	77237	30.356	ng	97
3) Pyridine	3.77	79	186234	27.473	ng	97
4) n-Nitrosodimethylamine	3.69	42	97401	34.385	ng	100
6) Aniline	7.24	93	260569	27.604	ng	99
8) 2-Chlorophenol	7.48	128	269626	43.321	ng	98
9) Benzaldehyde	7.04	77	74896	17.292	ng	96
10) Phenol	7.12	94	330185	43.872	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	243892	37.905	ng	100
12) 1,3-Dichlorobenzene	7.81	146	265964	35.790	ng	98
13) 1,4-Dichlorobenzene	7.95	146	266204	36.169	ng	99
14) 1,2-Dichlorobenzene	8.27	146	260274	37.413	ng	98
15) Benzyl Alcohol	8.15	79	222836	41.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	317712	36.482	ng	99
17) 2-Methylphenol	8.36	107	234561	43.682	ng	98
18) Hexachloroethane	9.00	117	98474	35.655	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	190924	37.671	ng	98
20) 3+4-Methylphenols	8.69	107	321715	43.473	ng	99
22) Acetophenone	8.73	105	360836	33.653	ng	98
24) Nitrobenzene	9.11	77	267476	35.095	ng	99
25) Isophorone	9.64	82	531090	36.498	ng	99
26) 2-Nitrophenol	9.82	139	155148	39.231	ng	97
27) 2,4-Dimethylphenol	9.89	122	262127	46.955	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	341832	35.215	ng	99
29) 2,4-Dichlorophenol	10.37	162	276399	40.947	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	269462	34.814	ng	99
31) Naphthalene	10.77	128	780471	36.498	ng	100
32) Benzoic acid	10.05	122	163052	45.422	ng	94
33) 4-Chloroaniline	10.87	127	210317	21.625	ng	98
34) Hexachlorobutadiene	11.06	225	157766	33.125	ng	99
35) Caprolactam	11.64	113	53896	21.796	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	286213	40.441	ng	96
37) 2-Methylnaphthalene	12.37	142	593982	37.411	ng	99
38) 1-Methylnaphthalene	12.59	142	565890	37.805	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	293574	33.175	ng	100

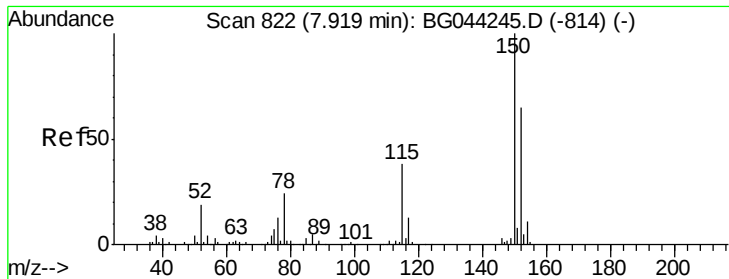
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044320.D
 Acq On : 6 Feb 2020 13:18
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	277923	65.453	ng	98
43) 2,4,6-Trichlorophenol	12.98	196	223423	39.060	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	239147	40.933	ng	99
46) 1,1'-Biphenyl	13.39	154	757949	35.520	ng	99
47) 2-Chloronaphthalene	13.42	162	589637	34.725	ng	100
48) 2-Nitroaniline	13.62	65	175458	35.013	ng	98
49) Acenaphthylene	14.27	152	933319	37.475	ng	100
50) Dimethylphthalate	14.01	163	762153	35.840	ng	100
51) 2,6-Dinitrotoluene	14.12	165	175879	37.094	ng	98
52) Acenaphthene	14.61	154	582991	36.114	ng	98
53) 3-Nitroaniline	14.45	138	133736	25.495	ng	97
54) 2,4-Dinitrophenol	14.66	184	209394	75.052	ng	94
55) Dibenzofuran	14.95	168	894198	36.586	ng	99
56) 4-Nitrophenol	14.77	139	315700	82.161	ng	98
57) 2,4-Dinitrotoluene	14.91	165	243038	36.572	ng	99
58) Fluorene	15.60	166	708782	36.819	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	209195	39.641	ng	97
60) Diethylphthalate	15.37	149	762691	35.994	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	375736	35.997	ng	97
62) 4-Nitroaniline	15.61	138	166136	31.695	ng	99
63) Azobenzene	15.88	77	670886	36.126	ng	100
65) 4,6-Dinitro-2-methylphenol	15.68	198	150604	43.314	ng	97
66) n-Nitrosodiphenylamine	15.81	169	660384	37.410	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	245928	35.836	ng	97
68) Hexachlorobenzene	16.61	284	268339	34.902	ng	98
69) Atrazine	16.76	200	242167	40.025	ng	99
70) Pentachlorophenol	16.95	266	309351	79.584	ng	96
71) Phenanthrene	17.34	178	1120170	36.725	ng	99
72) Anthracene	17.43	178	1134825	37.632	ng	99
73) Carbazole	17.69	167	1025726	36.896	ng	100
74) Di-n-butylphthalate	18.26	149	1254859	36.527	ng	99
75) Fluoranthene	19.34	202	1284069	36.391	ng	99
77) Benzidine	19.53	184	246712	16.347	ng	97
78) Pyrene	19.71	202	1289107	36.892	ng	99
80) Butylbenzylphthalate	20.60	149	579735	36.407	ng	97
81) Benzo(a)anthracene	21.52	228	1236779	36.881	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	384412	29.536	ng	99
83) Chrysene	21.59	228	1187261	36.628	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	815115	37.189	ng	99
85) Di-n-octyl phthalate	22.61	149	1417141	37.369	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1500109	35.473	ng	# 92
88) Benzo(b)fluoranthene	23.66	252	1285366	44.295	ng	99
89) Benzo(k)fluoranthene	23.72	252	1300032	45.966	ng	99
90) Benzo(a)pyrene	24.49	252	1195046	43.557	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1250579	46.057	ng	98
92) Benzo(g,h,i)perylene	29.23	276	1271698	46.784	ng	98

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

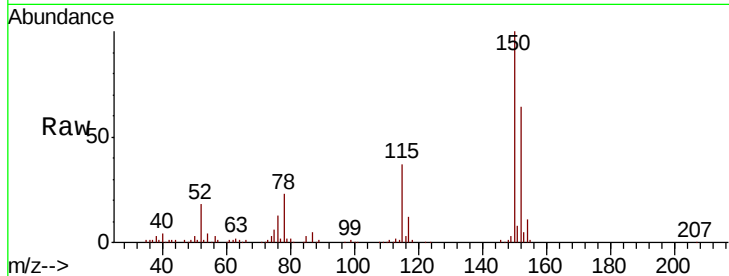


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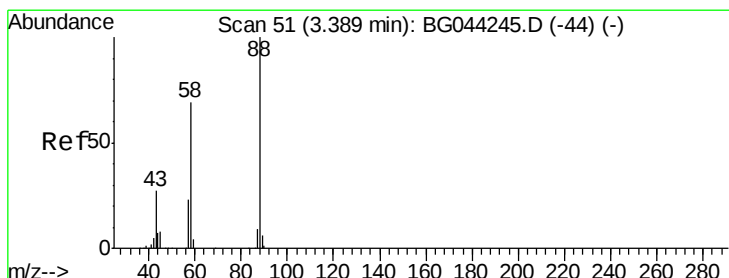
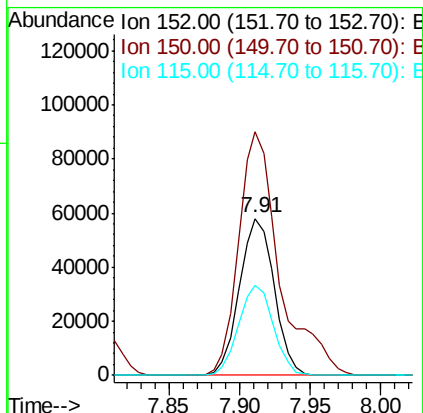
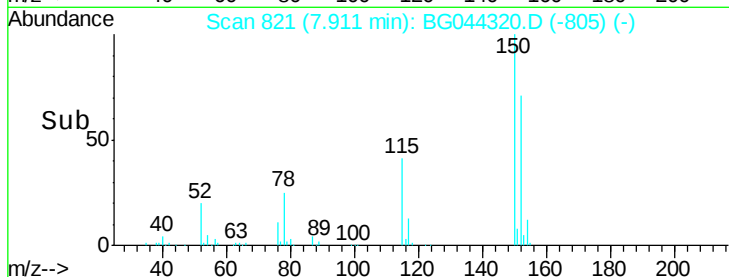
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:152 Resp: 99945
Ion Ratio Lower Upper
152 100
150 155.1 122.6 183.8
115 57.3 46.0 69.0



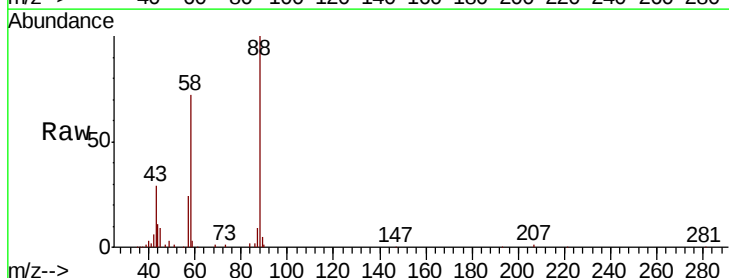
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



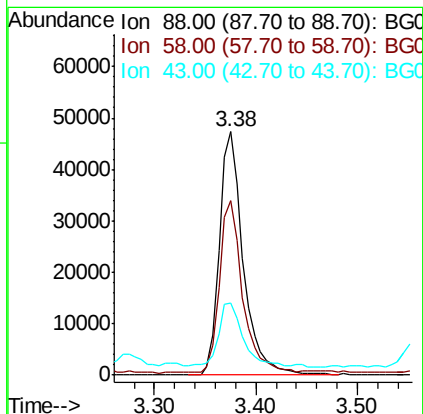
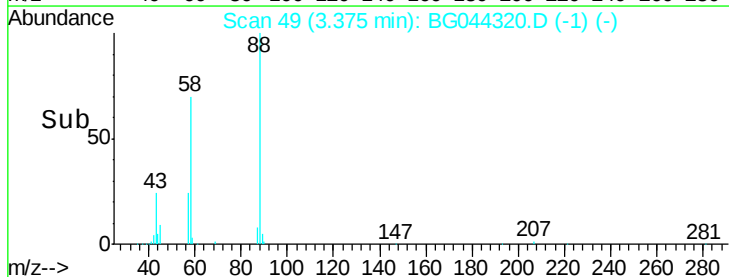
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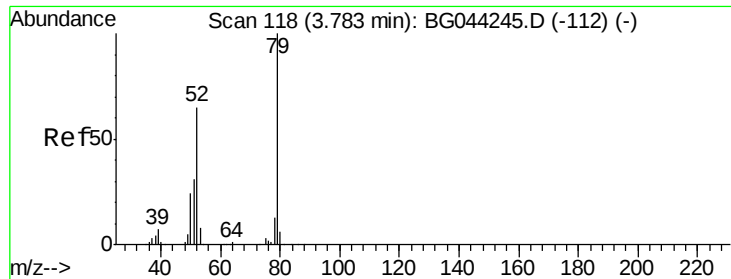
1,4-Dioxane
Concen: 30.356 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion: 88 Resp: 77237
Ion Ratio Lower Upper
88 100
58 67.6 55.8 83.6
43 25.7 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: 27.473 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

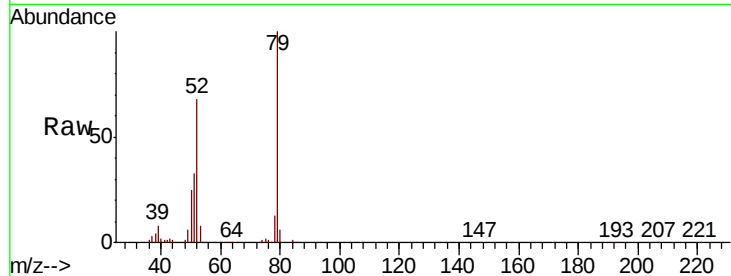
Tot Ion: 79 Resp: 186234

Ion Ratio Lower Upper

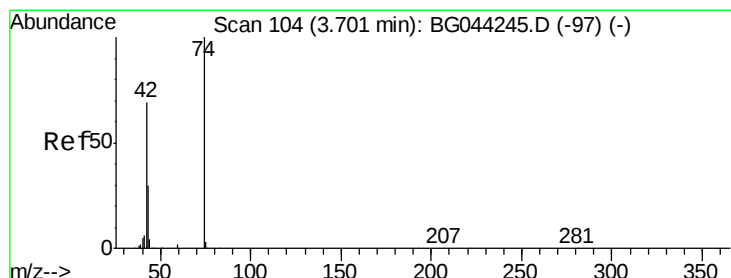
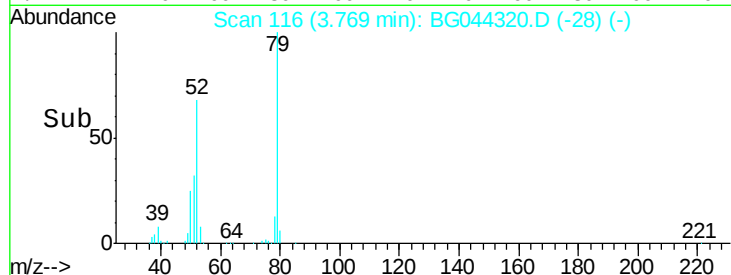
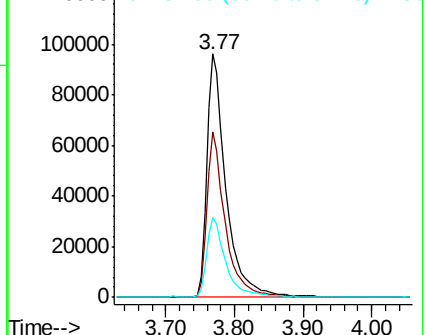
79 100

52 67.9 51.9 77.9

51 32.5 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: 34.385 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

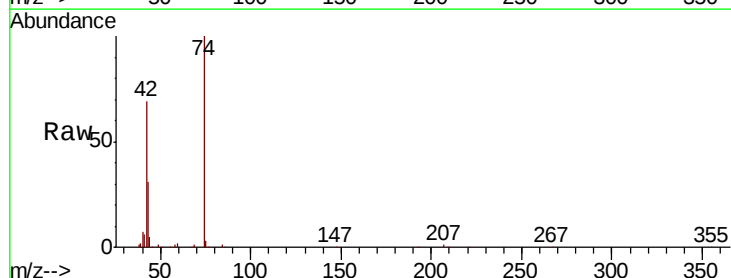
Tgt Ion: 42 Resp: 97401

Ion Ratio Lower Upper

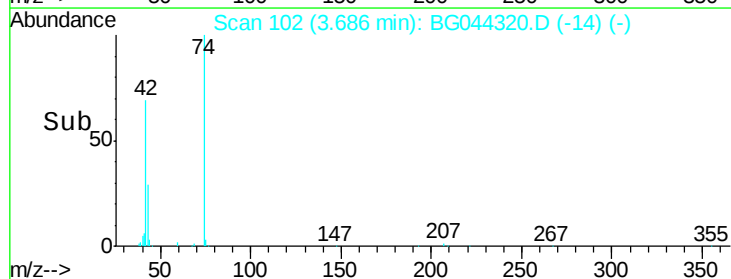
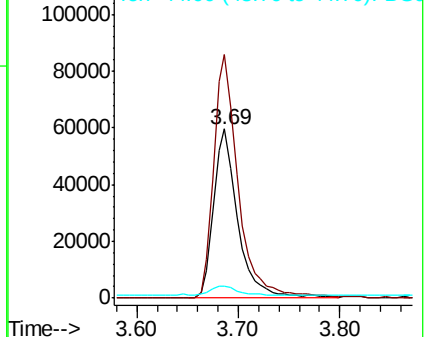
42 100

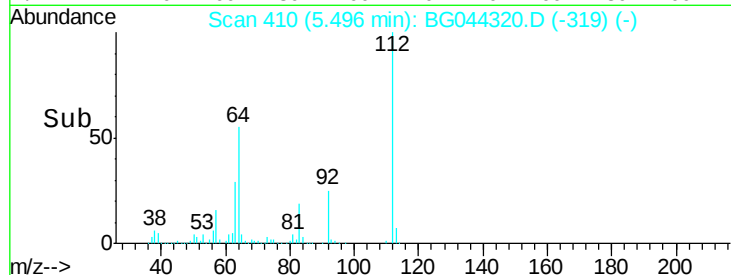
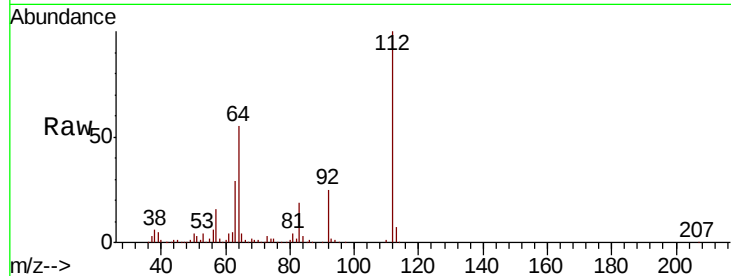
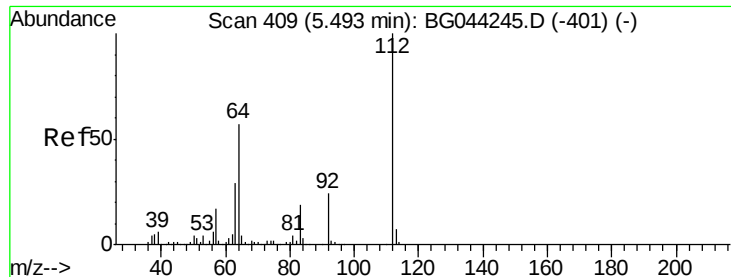
74 144.1 115.1 172.7

44 7.4 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: 109.704 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

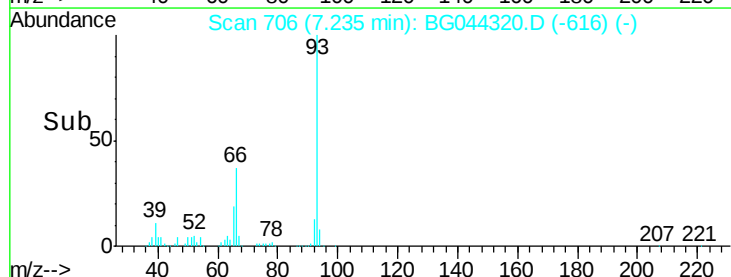
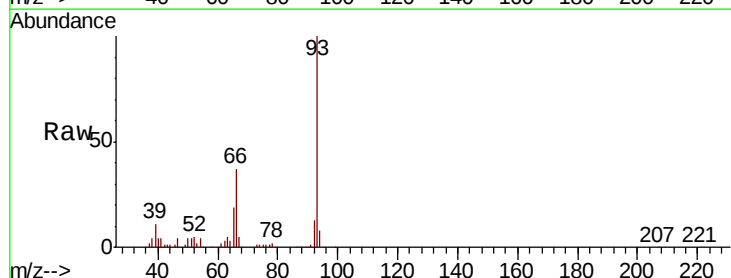
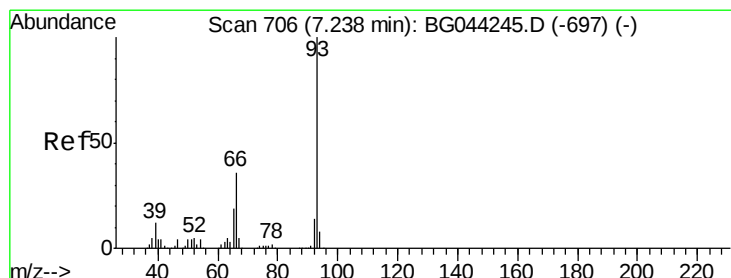
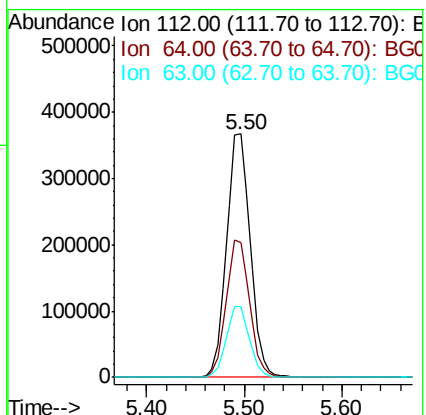
Tot Ion:112 Resp: 621266

Ion Ratio Lower Upper

112 100

64 55.3 45.4 68.2

63 28.9 22.9 34.3



#6

Aniline

Concen: 27.604 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

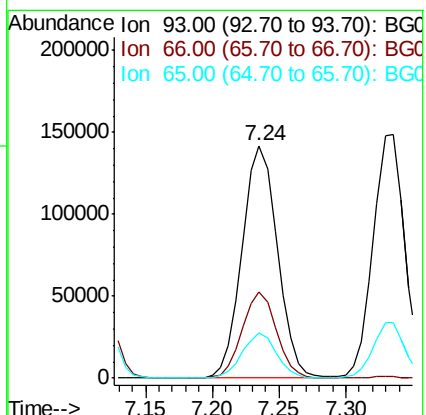
Tgt Ion: 93 Resp: 260569

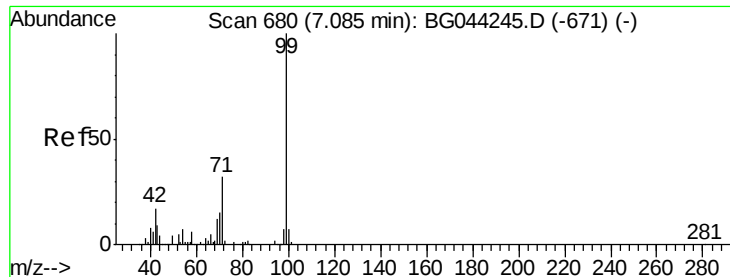
Ion Ratio Lower Upper

93 100

66 37.0 28.7 43.1

65 19.3 15.4 23.0





#7

Phenol-d6

Concen: 109.559 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

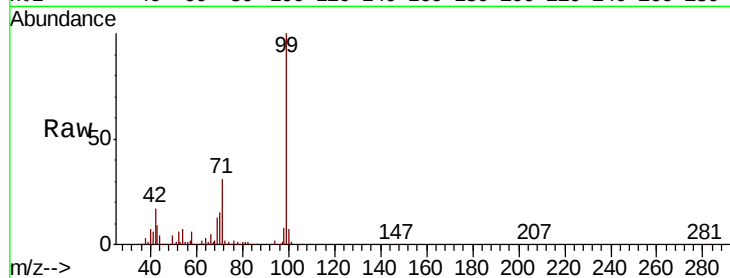
Tot Ion: 99 Resp: 833163

Ion Ratio Lower Upper

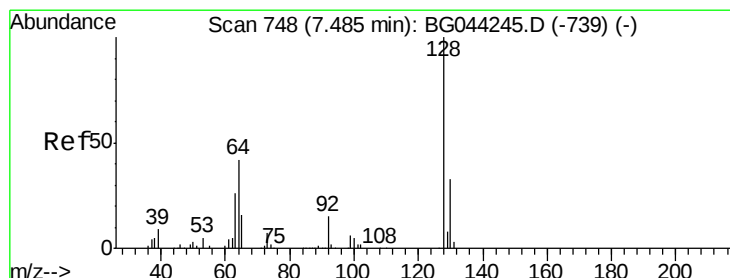
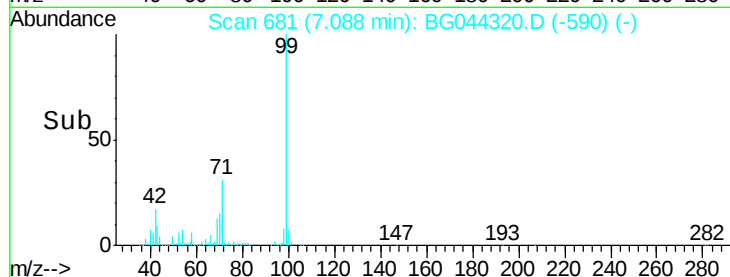
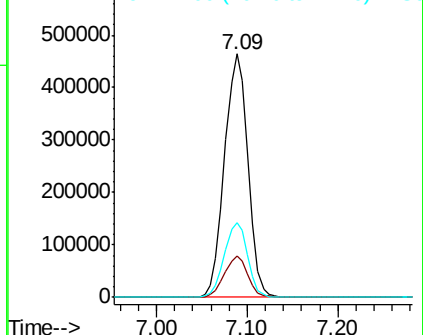
99 100

42 17.0 13.8 20.6

71 30.8 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: 43.321 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

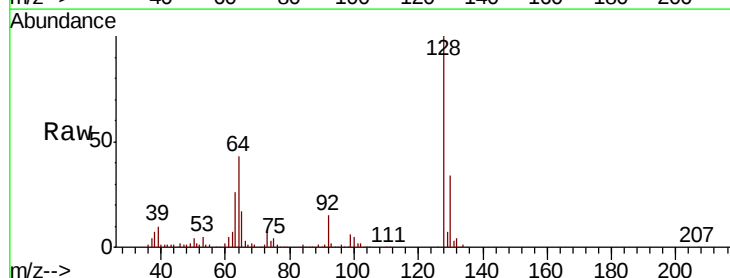
Tgt Ion: 128 Resp: 269626

Ion Ratio Lower Upper

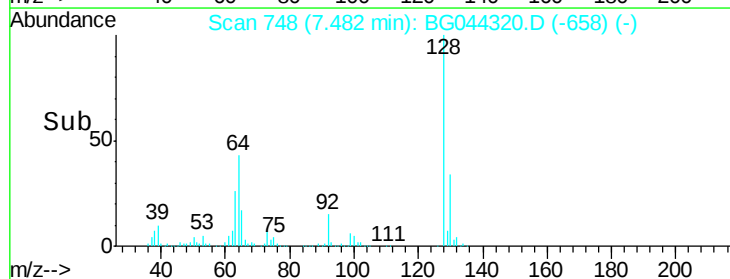
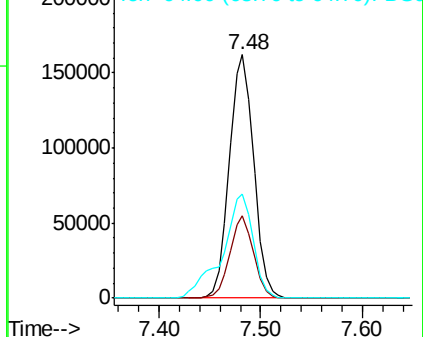
128 100

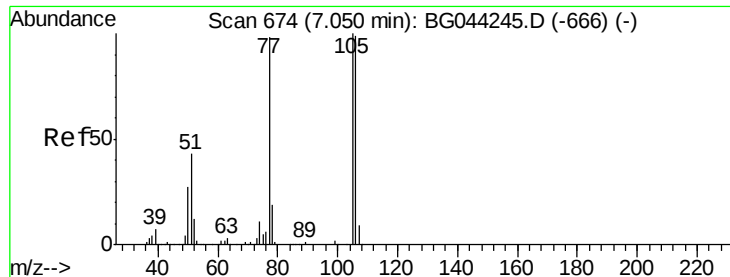
130 33.7 12.5 52.5

64 42.6 24.2 64.2



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





#9

Benzaldehyde

Concen: 17.292 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

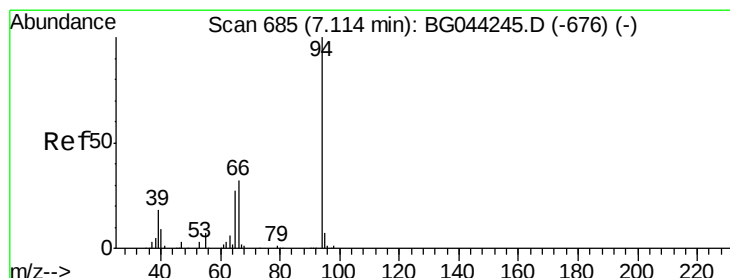
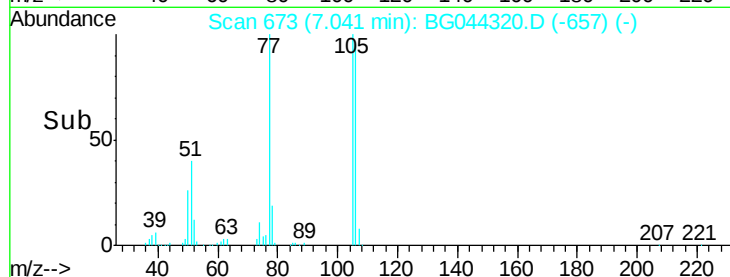
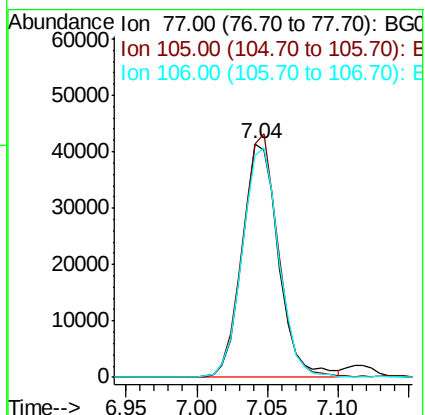
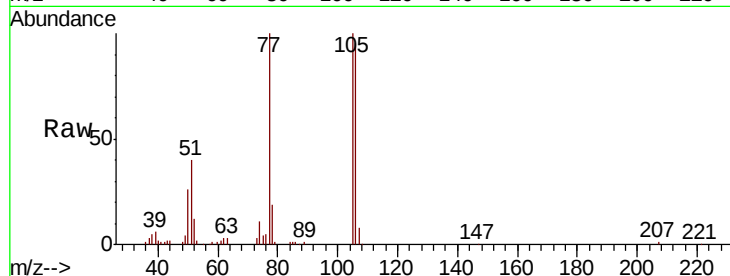
Tot Ion: 77 Resp: 74896

Ion Ratio Lower Upper

77 100

105 100.1 82.0 122.0

106 94.9 80.7 120.7



#10

Phenol

Concen: 43.872 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

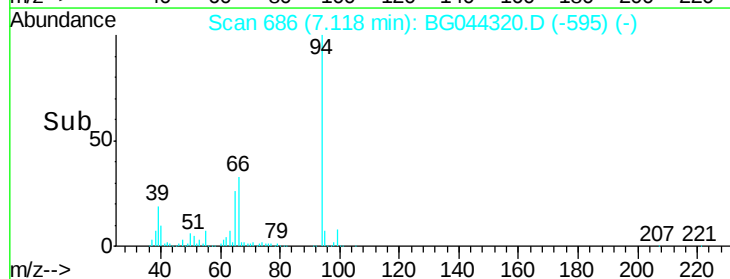
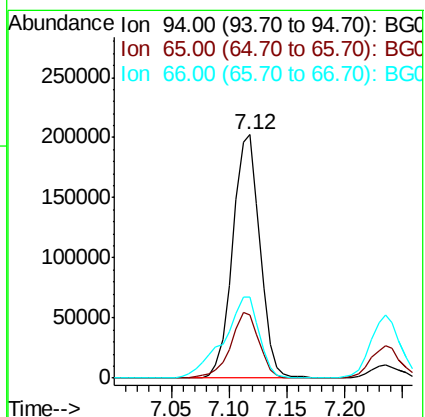
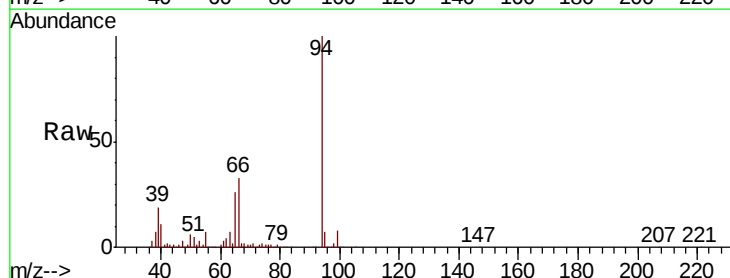
Tgt Ion: 94 Resp: 330185

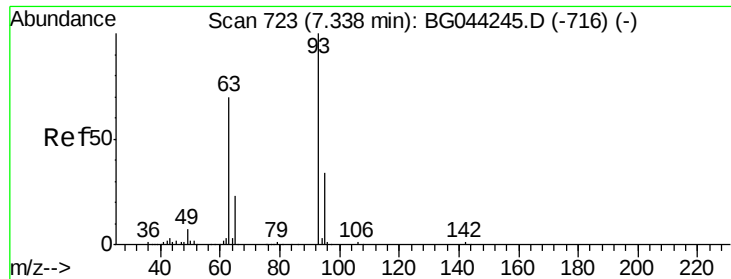
Ion Ratio Lower Upper

94 100

65 25.7 7.0 47.0

66 33.3 12.7 52.7

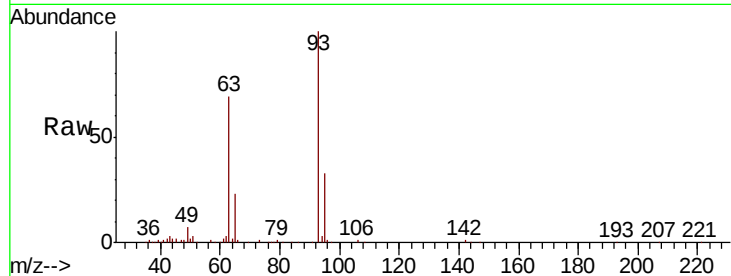




#11
 bis(2-Chloroethyl)ether
 Concen: 37.905 ng
 RT: 7.34 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion	93	Ratio	Lower	Upper
93	100			
63	69.2	49.2	89.2	
95	32.9	13.6	53.6	

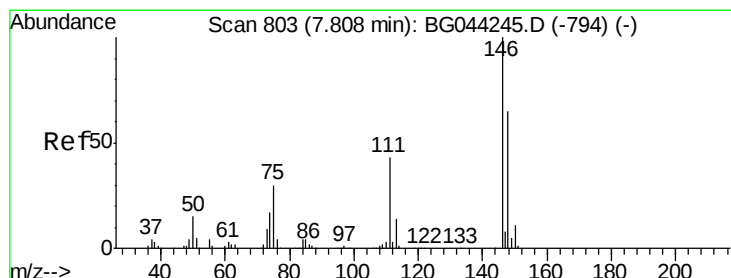
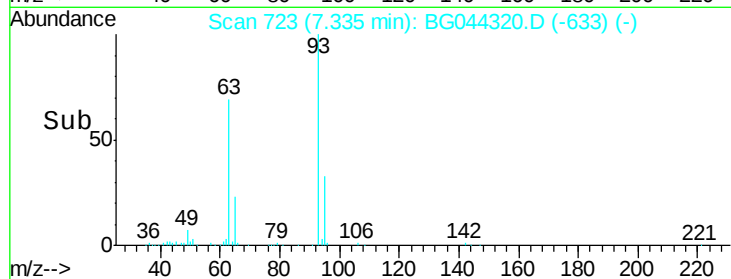
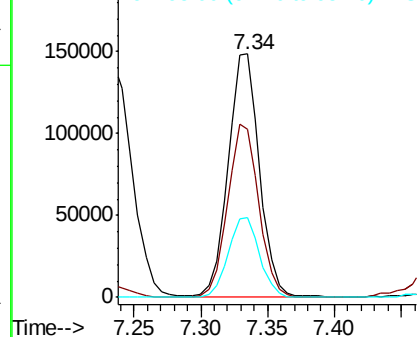


Abundance

Ion 93.00 (92.70 to 93.70): BGC

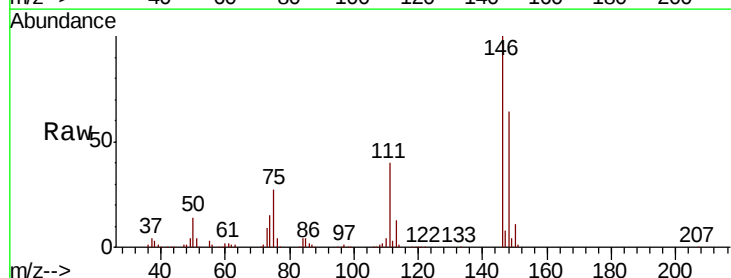
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
 1,3-Dichlorobenzene
 Concen: 35.790 ng
 RT: 7.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	146	Ratio	Lower	Upper
146	100			
148	64.3	51.8	77.8	
75	26.7	23.7	35.5	

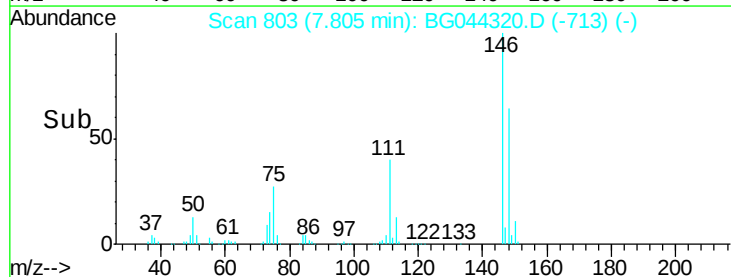
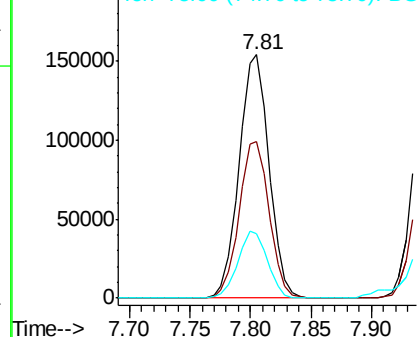


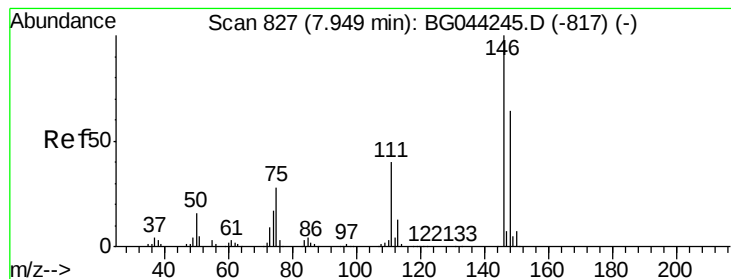
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 36.169 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

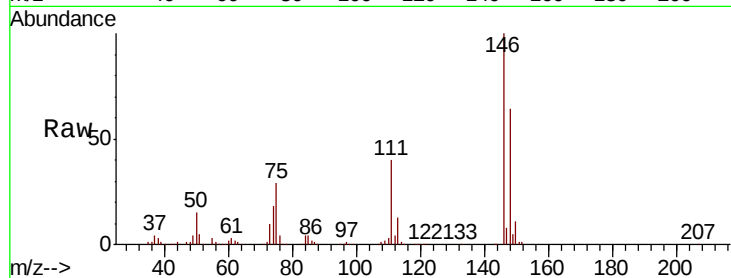
Tot Ion:146 Resp: 266204

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

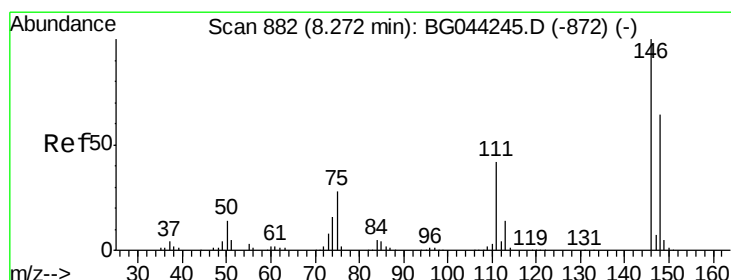
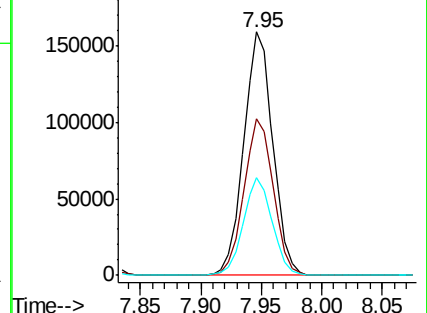
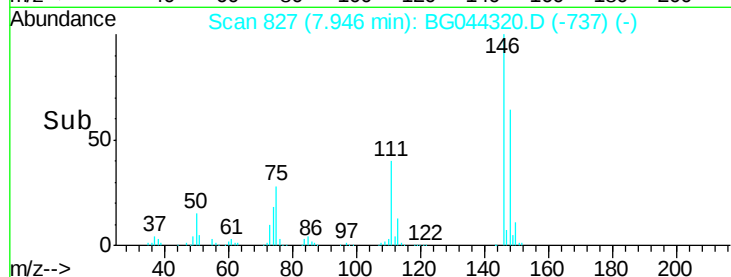
111 40.3 31.8 47.8



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: 37.413 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

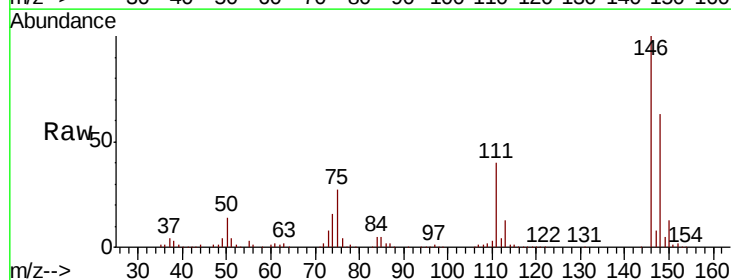
Tgt Ion:146 Resp: 260274

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

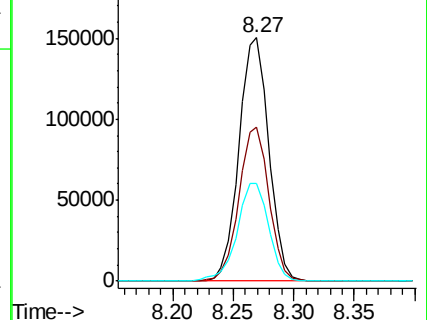
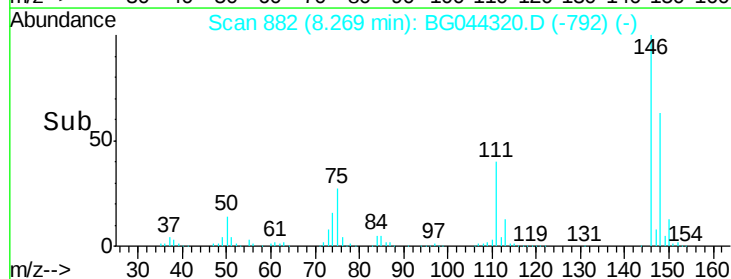
111 40.4 34.0 51.0

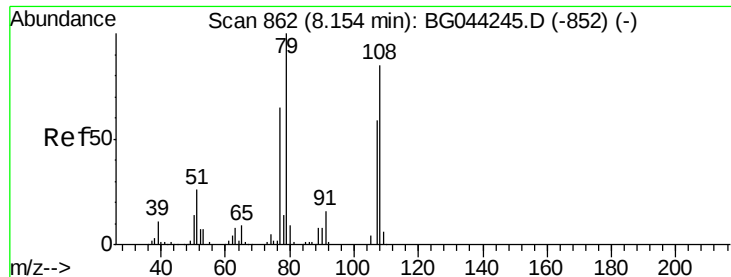


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.389 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

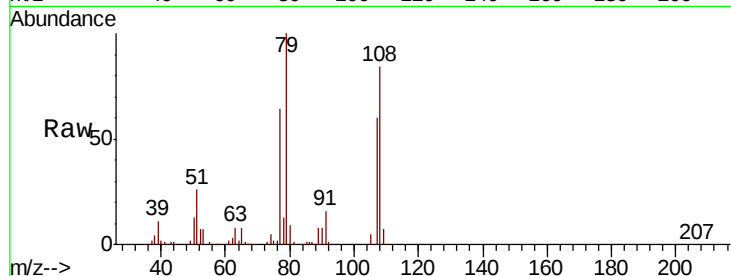
Tot Ion: 79 Resp: 222836

Ion Ratio Lower Upper

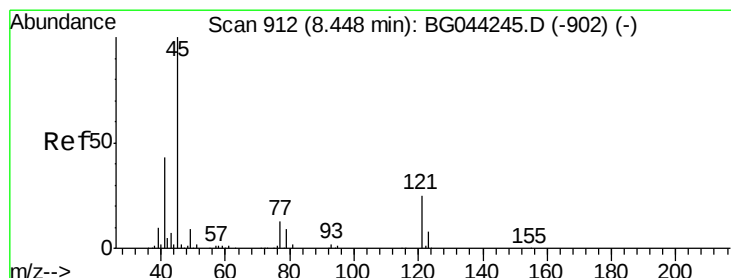
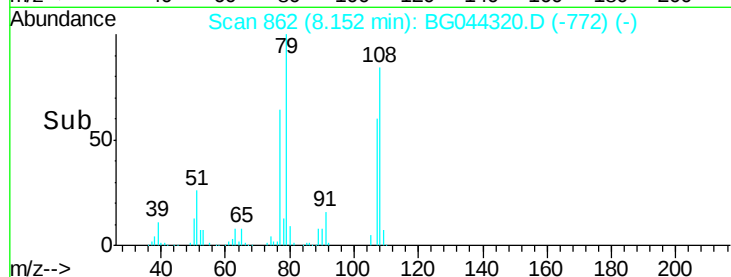
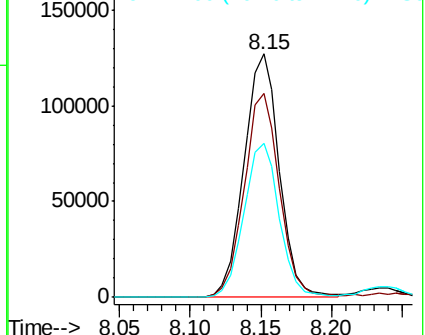
79 100

108 83.9 68.3 102.5

77 63.5 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: 36.482 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

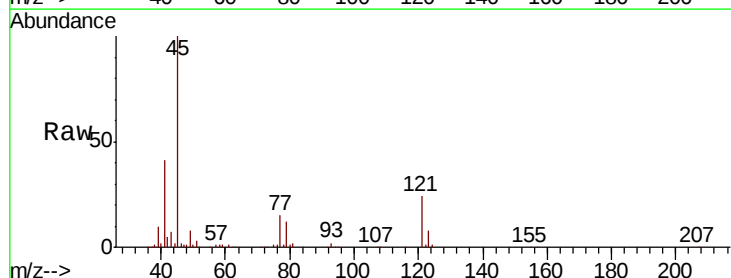
Tgt Ion: 45 Resp: 317712

Ion Ratio Lower Upper

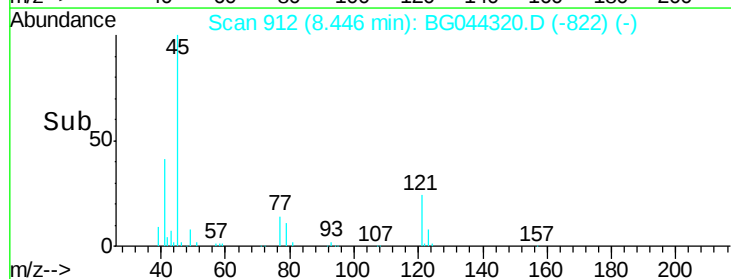
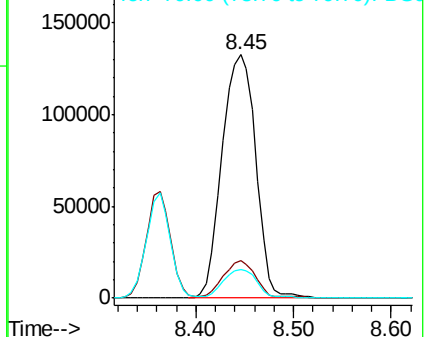
45 100

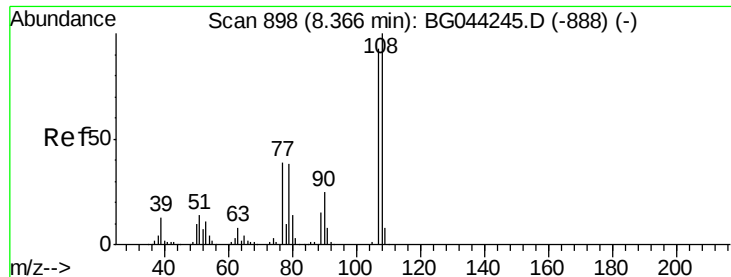
77 15.2 0.0 35.2

79 11.9 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

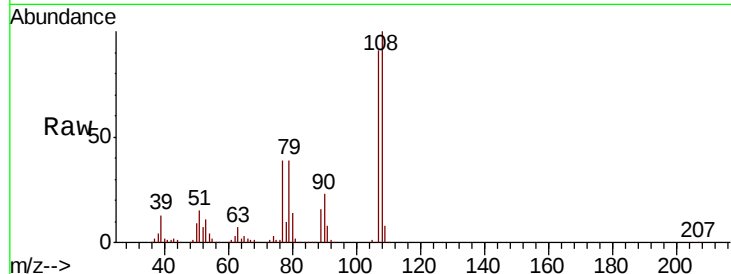




#17
2-Methylphenol
Concen: 43.682 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	86.4	129.6
77	43.1	34.0	51.0
79	42.8	32.9	49.3



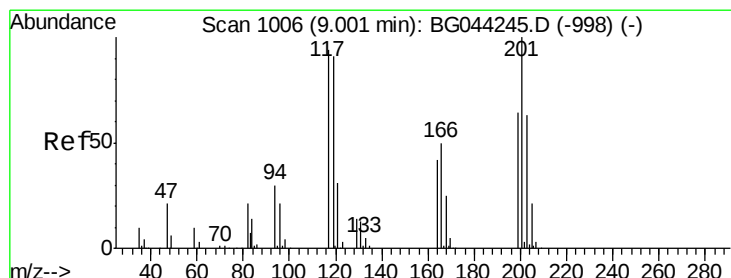
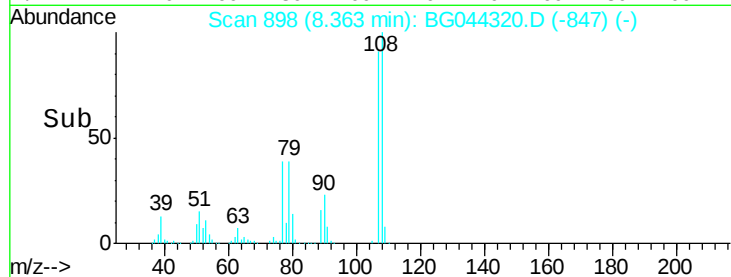
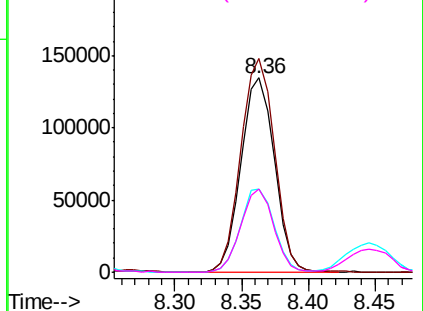
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

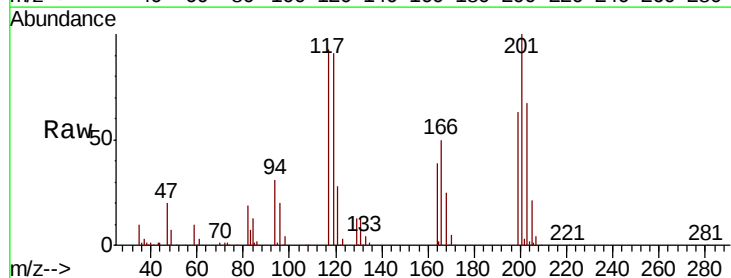
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.655 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.5	116.3
201	107.4	84.9	127.3

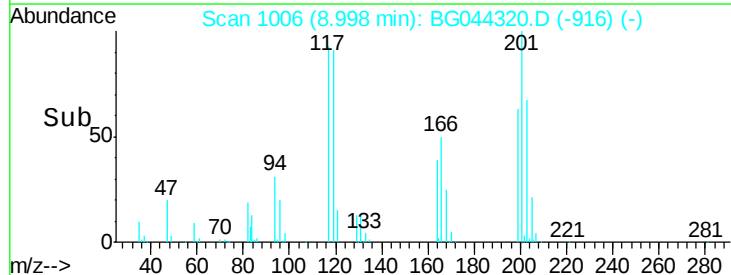
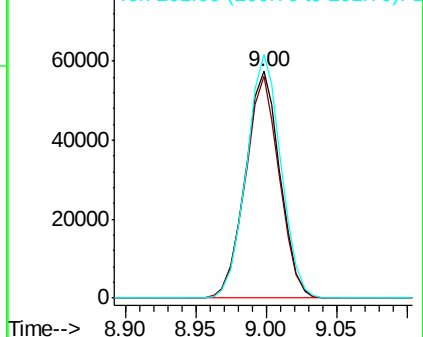


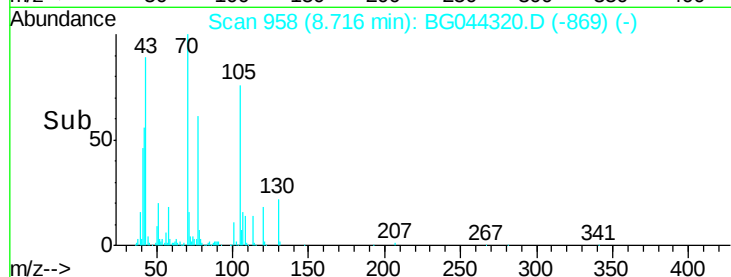
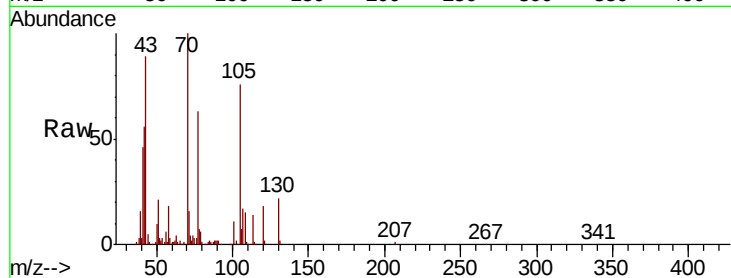
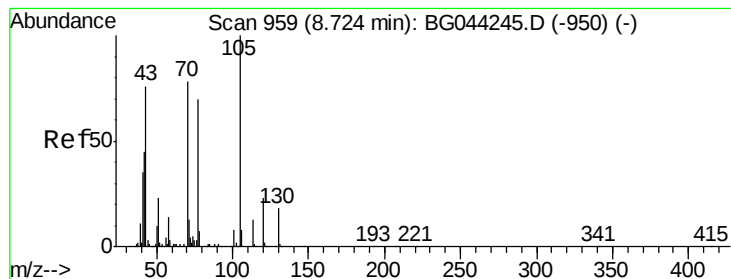
Abundance

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: 37.671 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion: 70 Resp: 190924

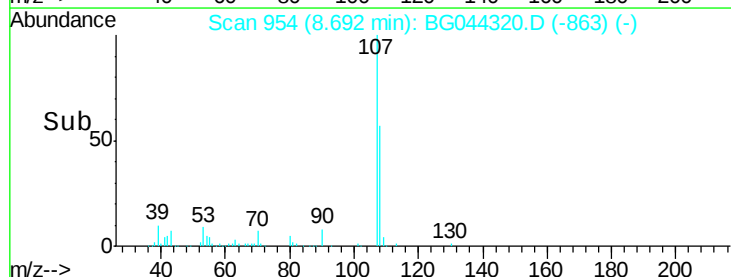
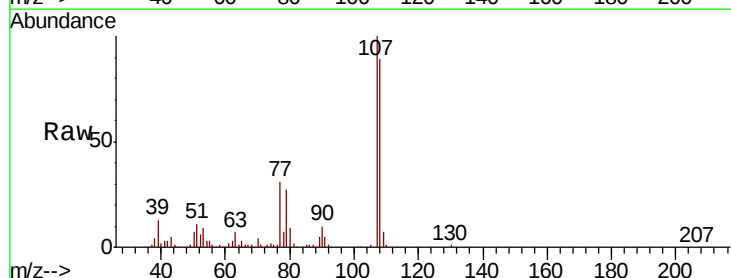
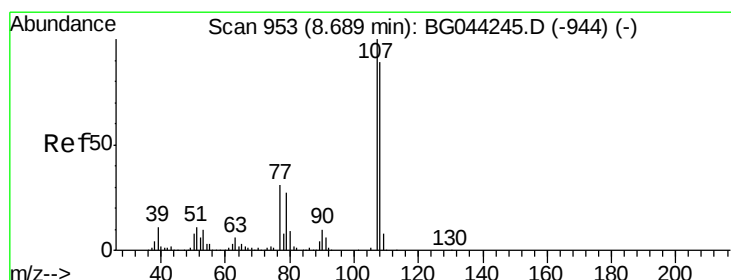
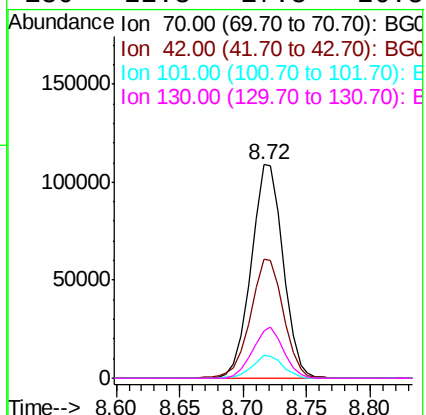
Ion Ratio Lower Upper

70 100

42 56.0 46.2 69.2

101 10.7 8.4 12.6

130 22.3 17.8 26.8



#20

3+4-Methylphenols

Concen: 43.473 ng

RT: 8.69 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:107 Resp: 321715

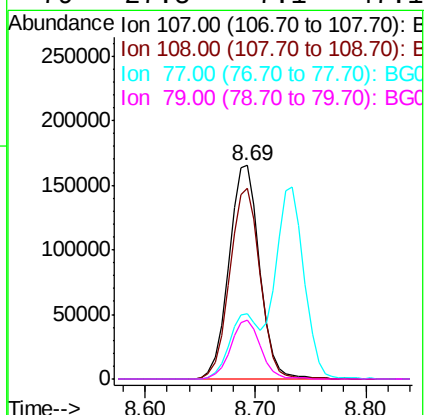
Ion Ratio Lower Upper

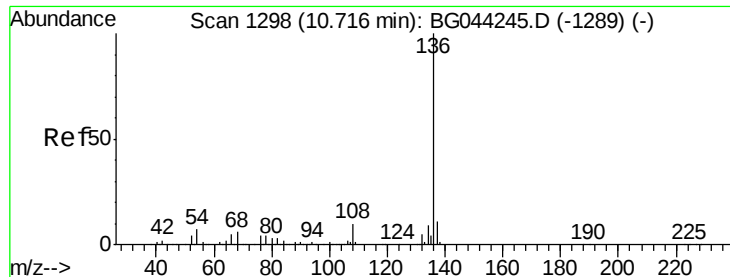
107 100

108 89.2 68.5 108.5

77 30.7 10.9 50.9

79 27.5 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

Tot Ion:136 Resp: 440753

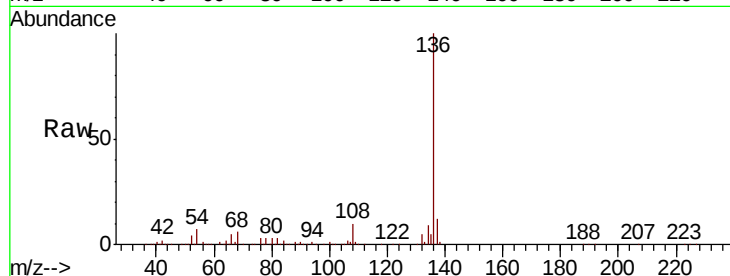
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 7.2 5.8 8.8

68 5.8 4.6 6.8

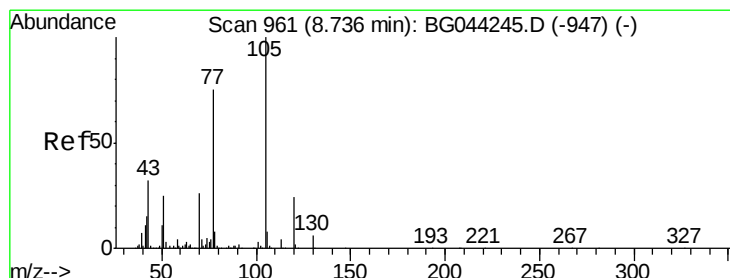
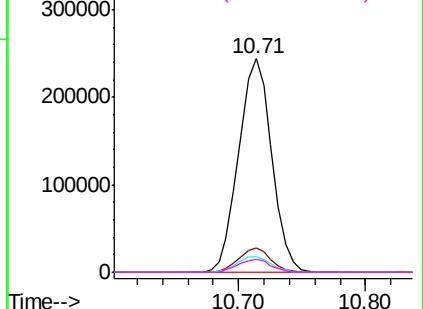
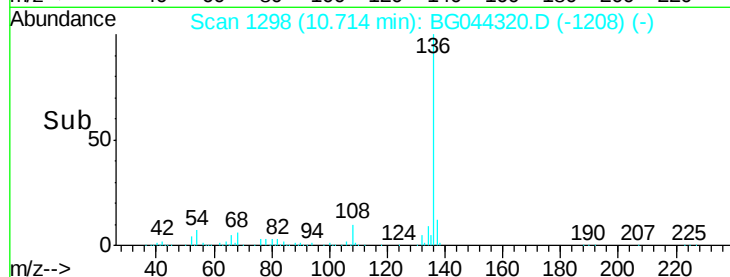


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.653 ng

RT: 8.73 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:105 Resp: 360836

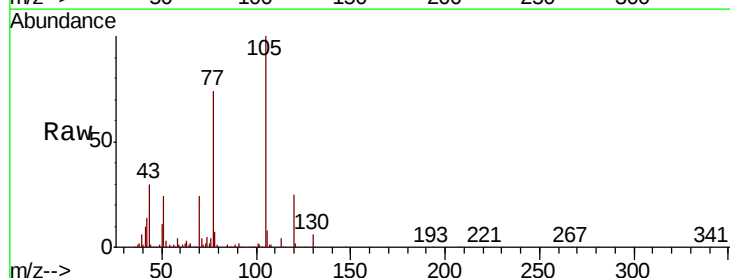
Ion Ratio Lower Upper

105 100

71 3.8 3.4 5.0

51 24.4 20.2 30.4

120 25.3 19.1 28.7

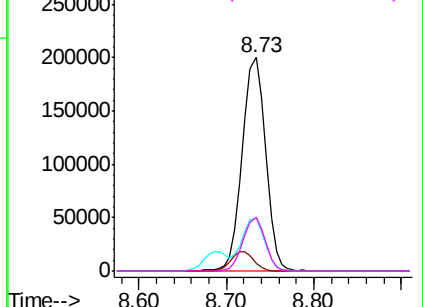
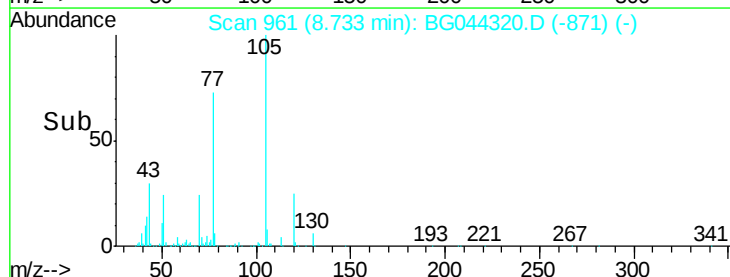


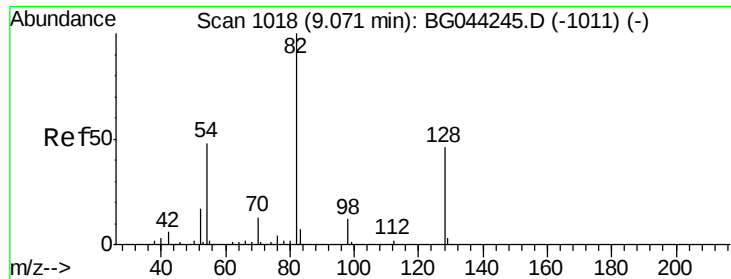
Abundance Ion 105.00 (104.70 to 105.70): E

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

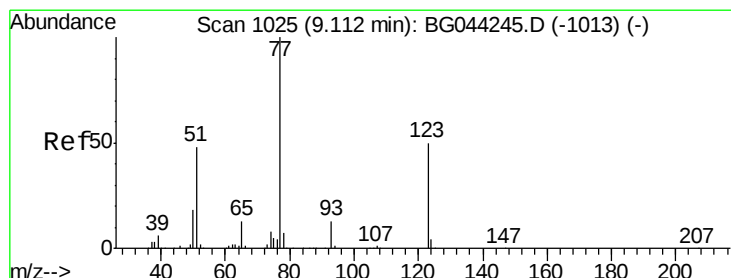
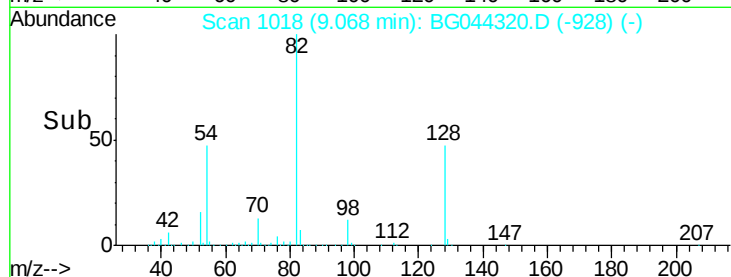
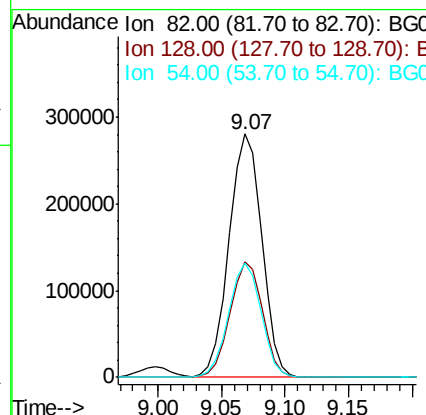
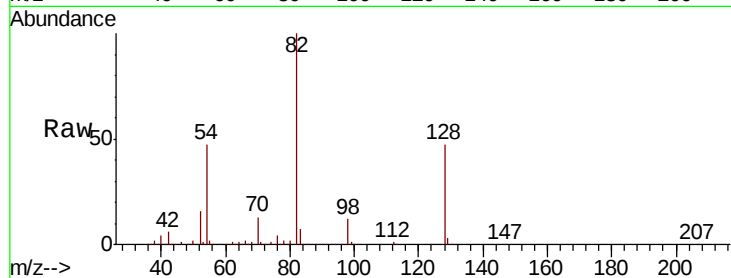




#23
Nitrobenzene-d5
Concen: 64.298 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

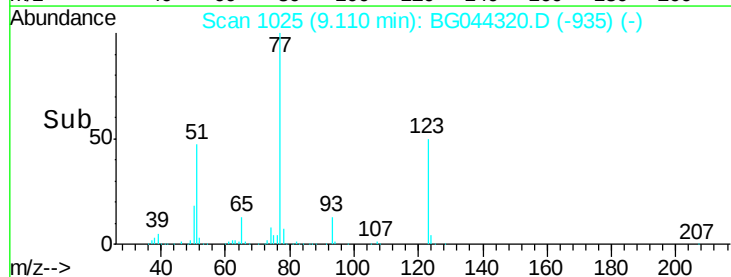
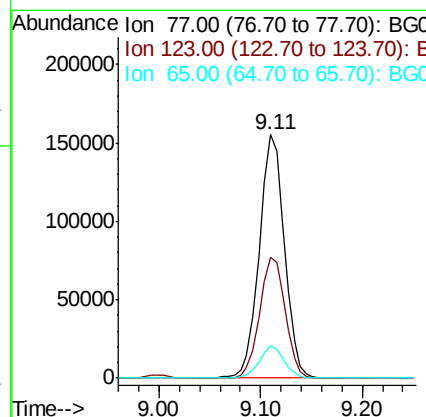
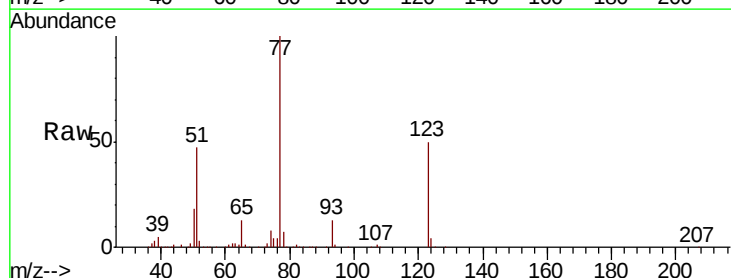
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	82	Resp	501976
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.5	54.7
54	47.2	38.6	58.0



#24
Nitrobenzene
Concen: 35.095 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	77	Resp	267476
Ion Ratio	Lower	Upper	
77	100		
123	49.5	39.9	59.9
65	13.4	10.4	15.6





#25

Isophorone

Concen: 36.498 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

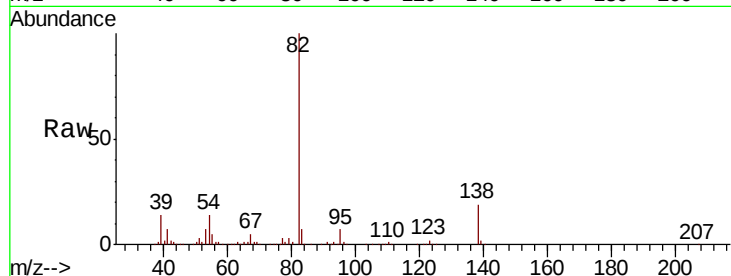
Tot Ion: 82 Resp: 531090

Ion Ratio Lower Upper

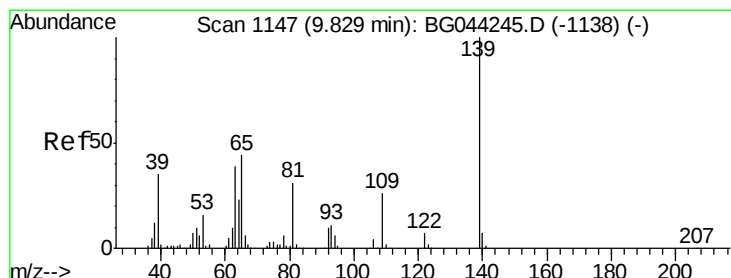
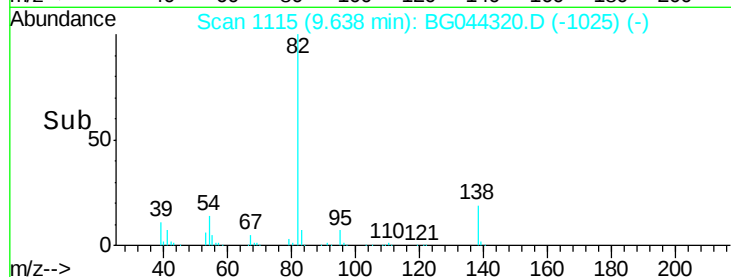
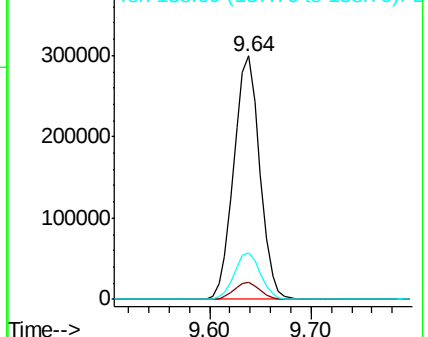
82 100

95 6.9 5.7 8.5

138 19.2 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: 39.231 ng

RT: 9.82 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

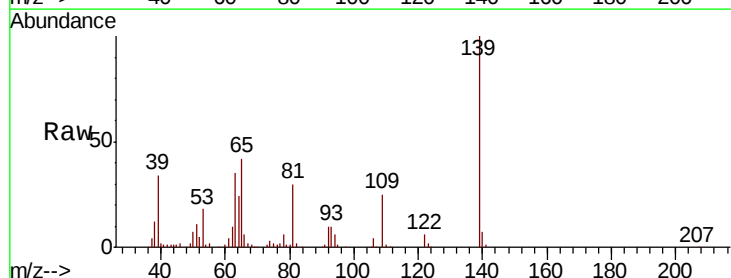
Tgt Ion: 139 Resp: 155148

Ion Ratio Lower Upper

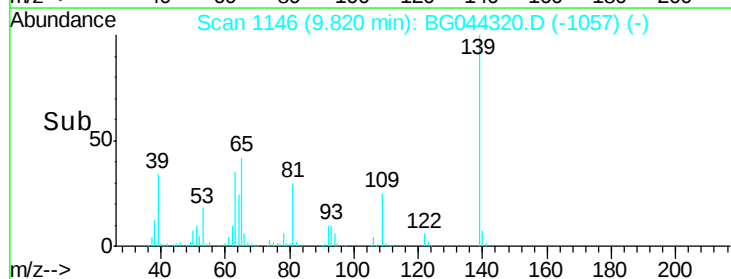
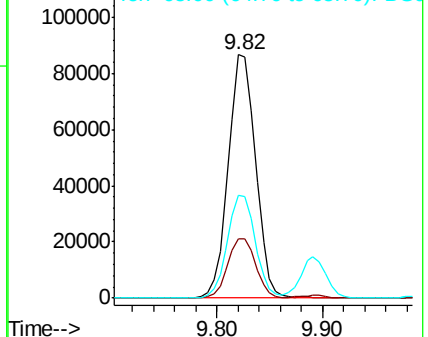
139 100

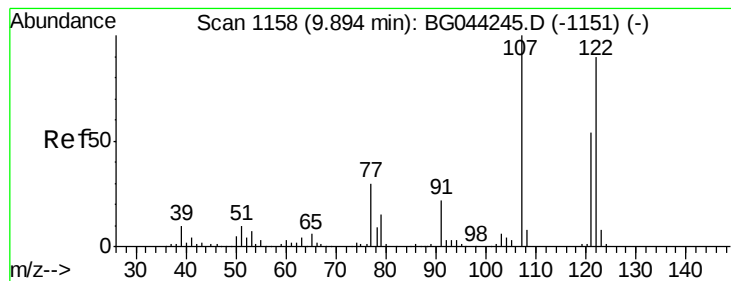
109 24.6 21.0 31.4

65 42.1 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: 46.955 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

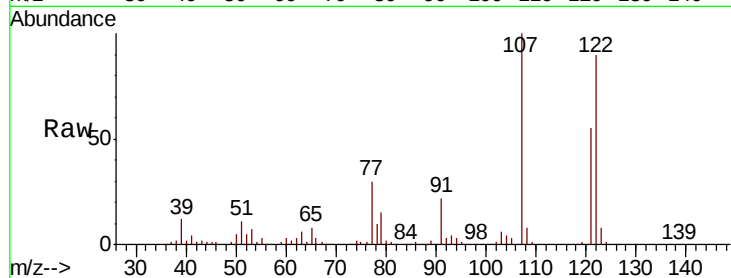
Tot Ion:122 Resp: 262127

Ion Ratio Lower Upper

122 100

107 111.1 88.8 133.2

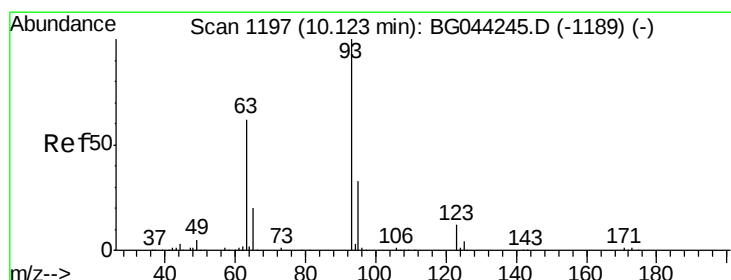
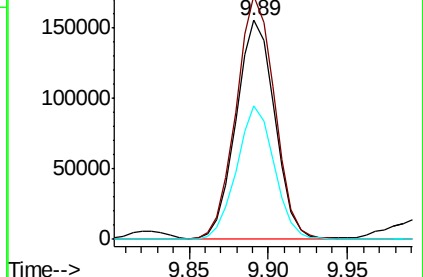
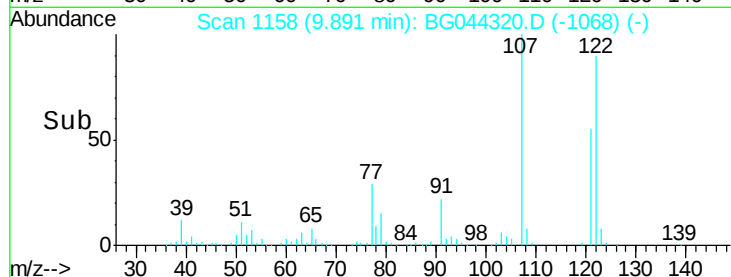
121 60.8 48.3 72.5



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: 35.215 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

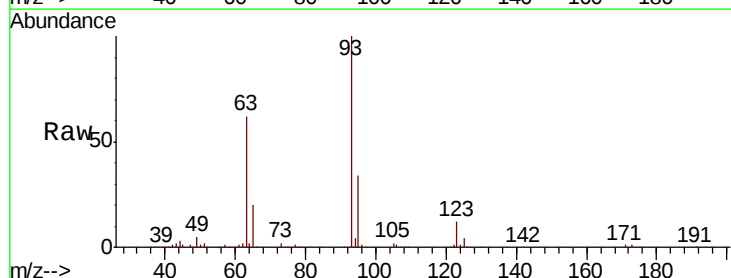
Tgt Ion: 93 Resp: 341832

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

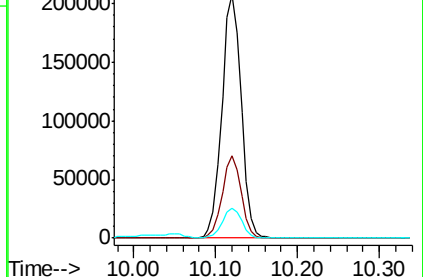
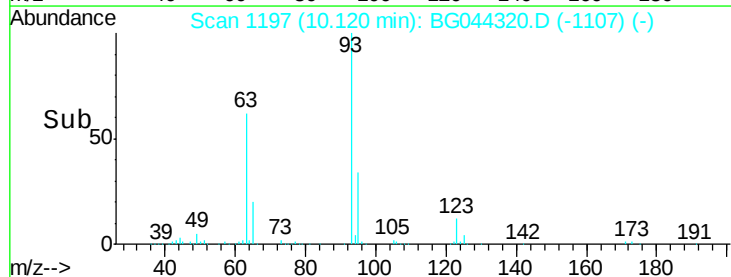
123 12.1 10.0 15.0



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

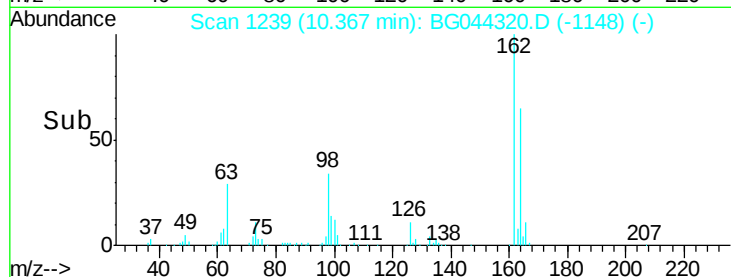
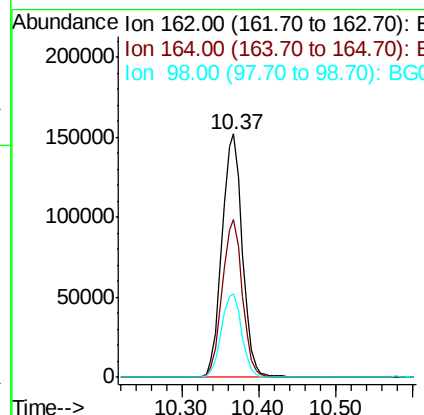
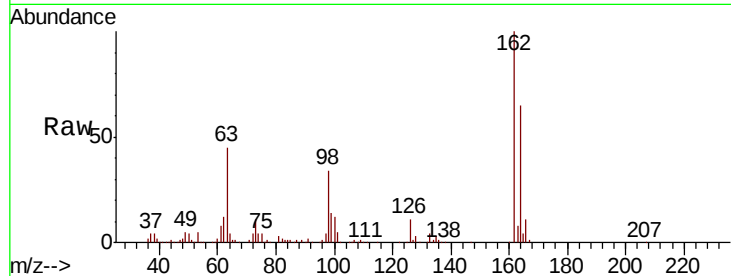




#29
2,4-Dichlorophenol
Concen: 40.947 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

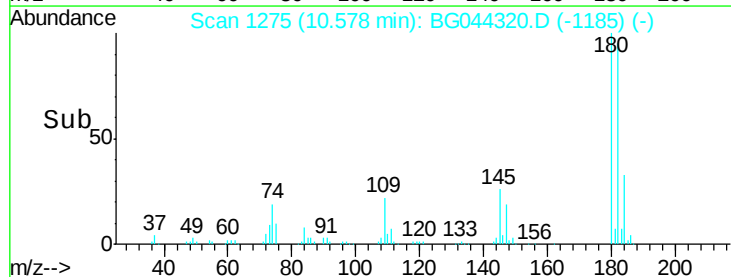
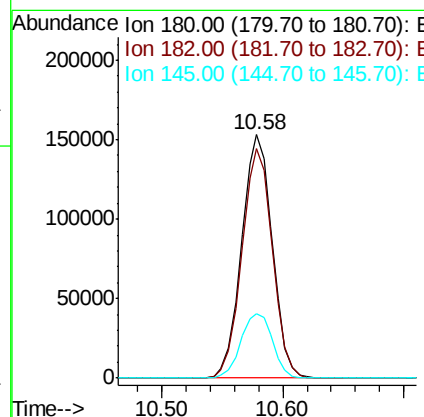
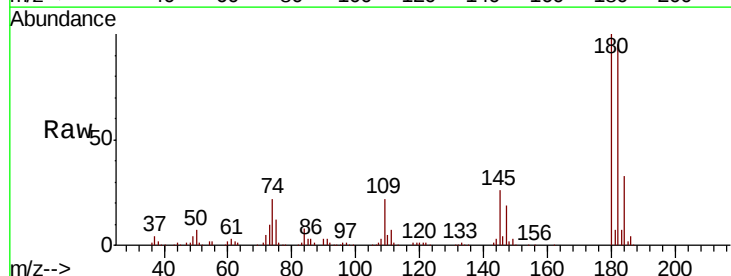
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

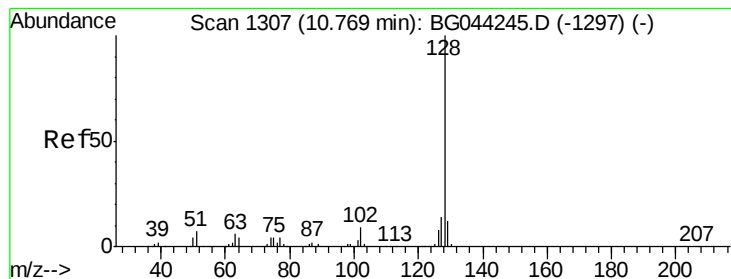
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	34.5	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 34.814 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.5	113.3
145	26.3	22.6	34.0

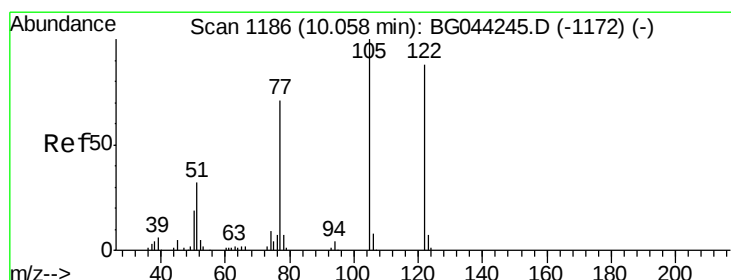
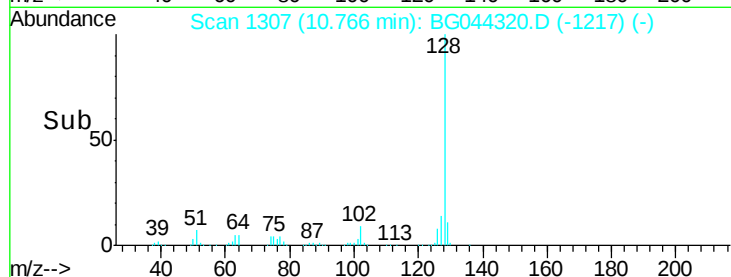
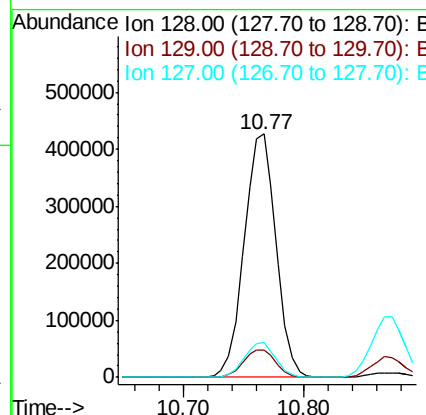
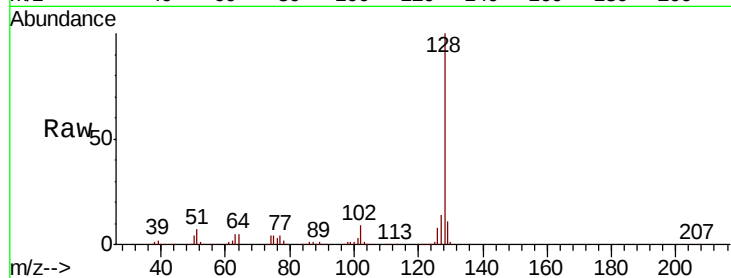




#31
Naphthalene
Concen: 36.498 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

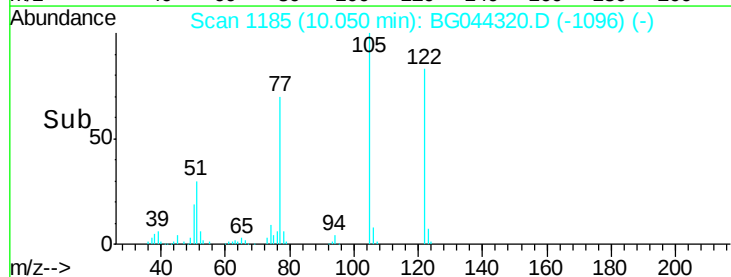
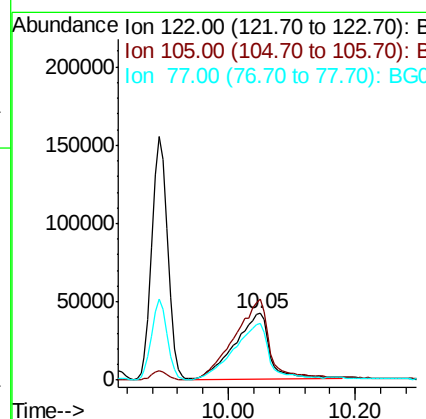
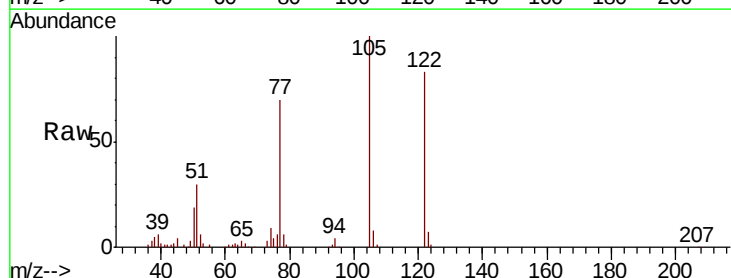
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:128 Resp: 780471
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 45.422 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:122 Resp: 163052
Ion Ratio Lower Upper
122 100
105 121.0 93.5 133.5
77 84.4 61.0 101.0

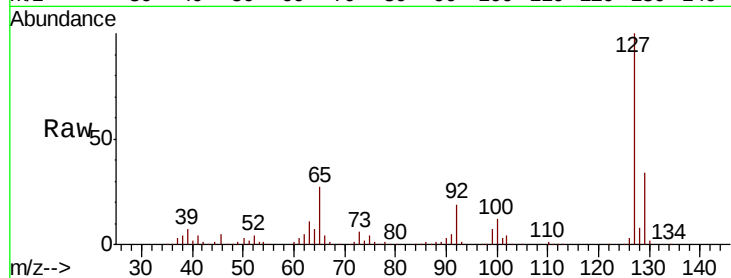




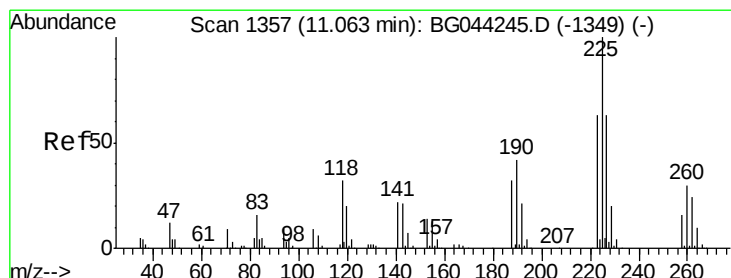
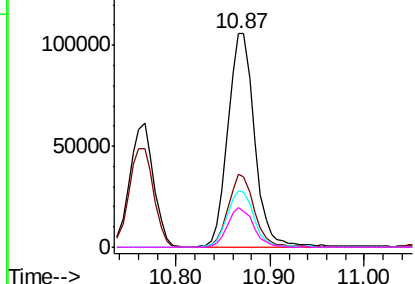
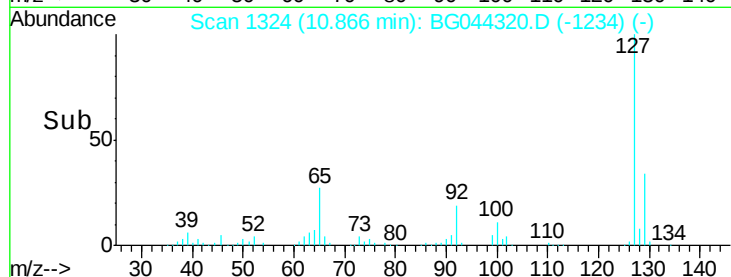
#33
4-Chloroaniline
Concen: 21.625 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:	127	Resp:	210317
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.6	40.0
65	26.6	22.5	33.7
92	18.6	14.1	21.1

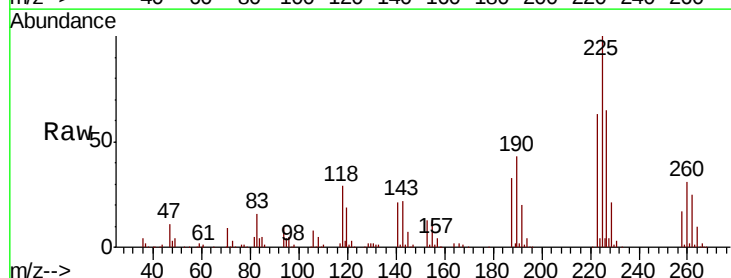


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

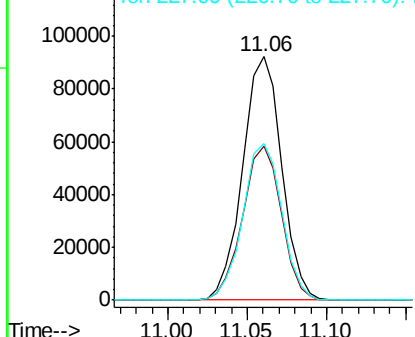
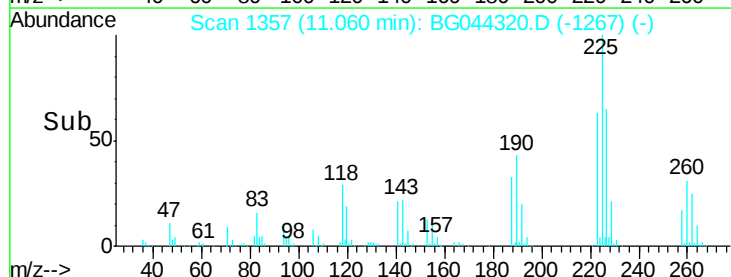


#34
Hexachlorobutadiene
Concen: 33.125 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:	225	Resp:	157766
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.6	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

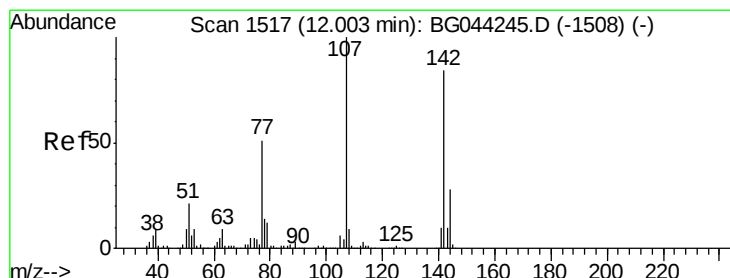
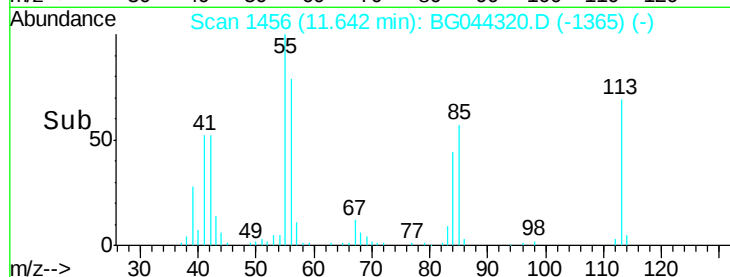
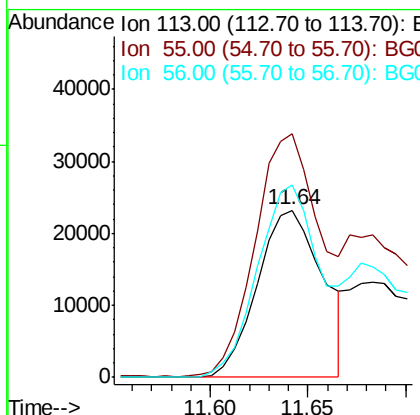
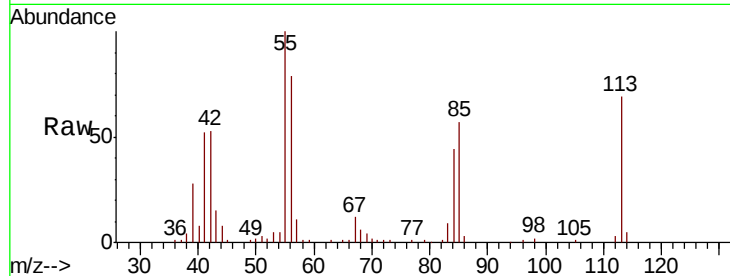




#35
 Caprolactam
 Concen: 21.796 ng
 RT: 11.64 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

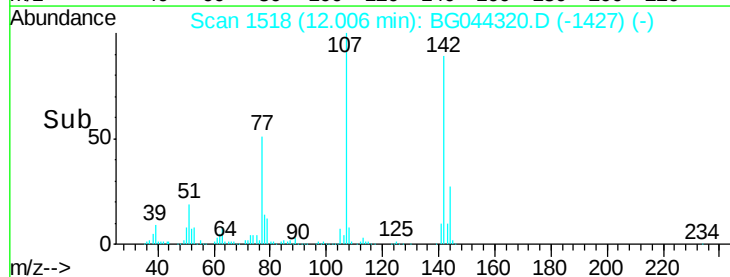
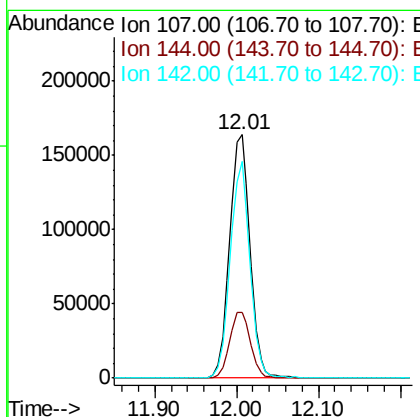
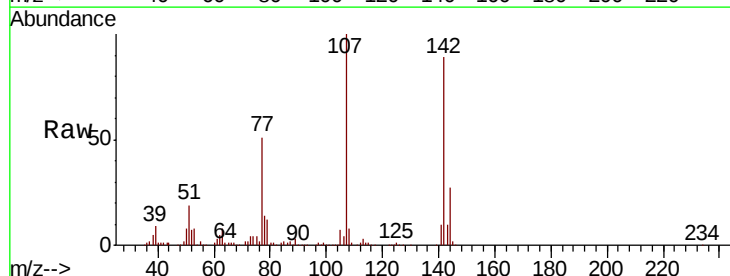
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

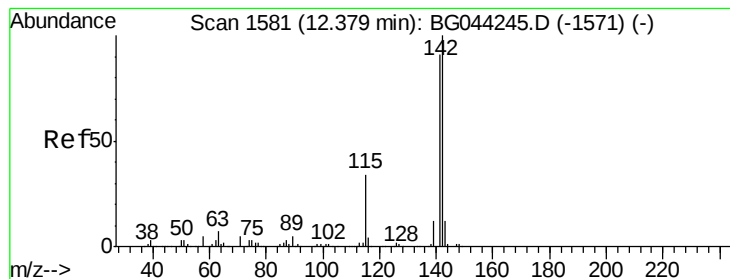
Tot Ion:113 Resp: 53896
 Ion Ratio Lower Upper
 113 100
 55 145.5 129.9 169.9
 56 114.9 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.441 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:107 Resp: 286213
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.2 33.4
 142 88.8 67.4 101.0





#37

2-Methylnaphthalene

Concen: 37.411 ng

RT: 12.37 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

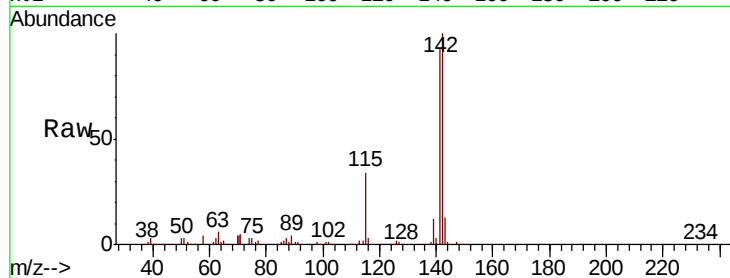
Tot Ion:142 Resp: 593982

Ion Ratio Lower Upper

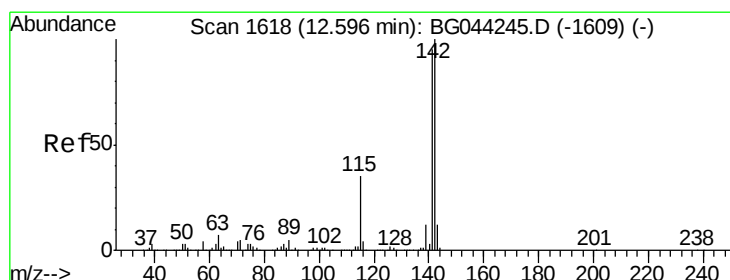
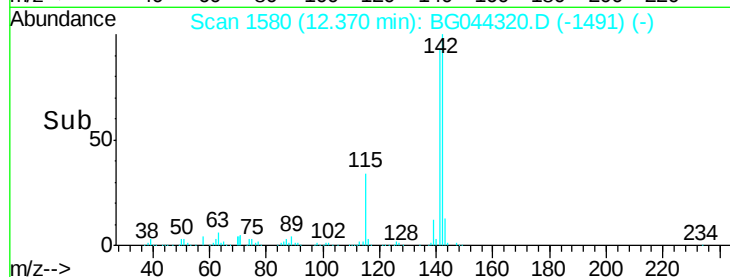
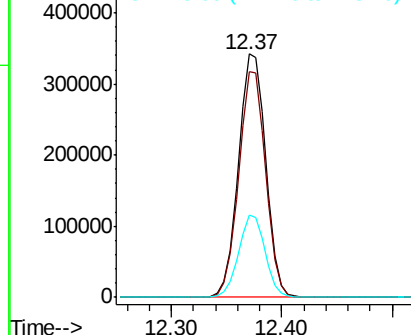
142 100

141 92.5 73.2 109.8

115 33.7 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: 37.805 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

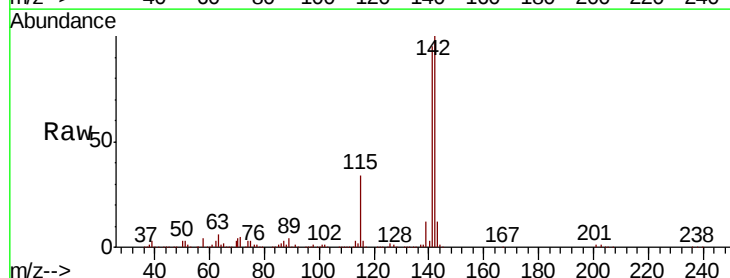
Tgt Ion:142 Resp: 565890

Ion Ratio Lower Upper

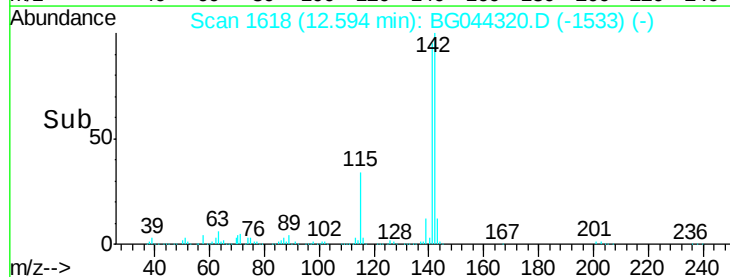
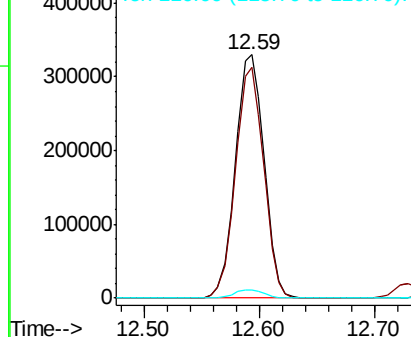
142 100

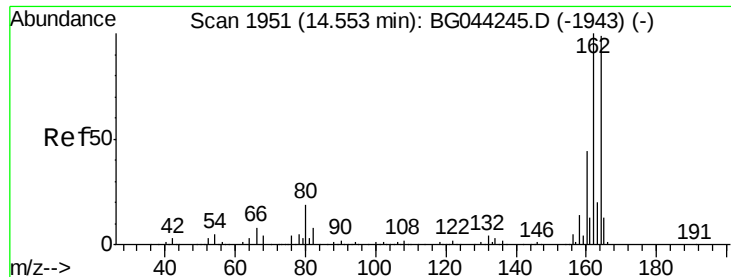
141 94.8 75.8 113.6

116 3.4 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: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

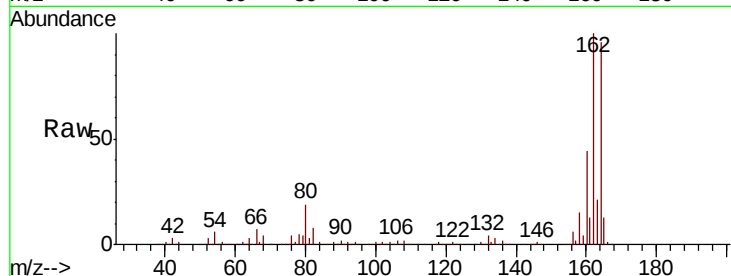
Tot Ion:164 Resp: 295831

Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

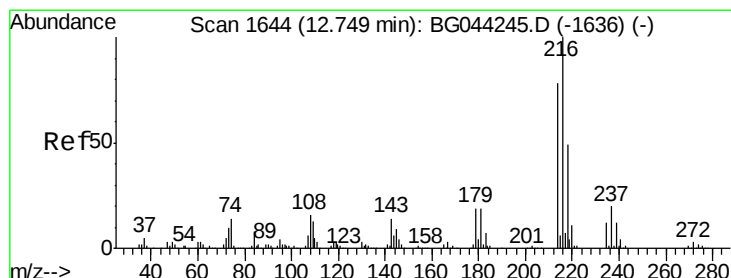
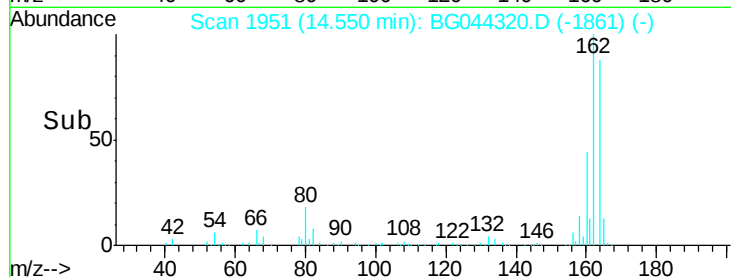
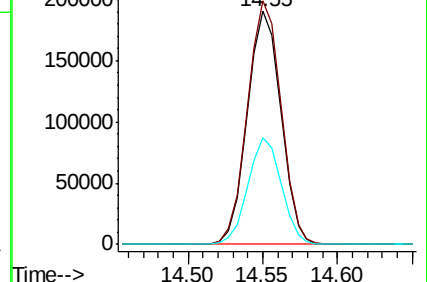
160 46.0 35.3 52.9



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: 33.175 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Tgt Ion:216 Resp: 293574

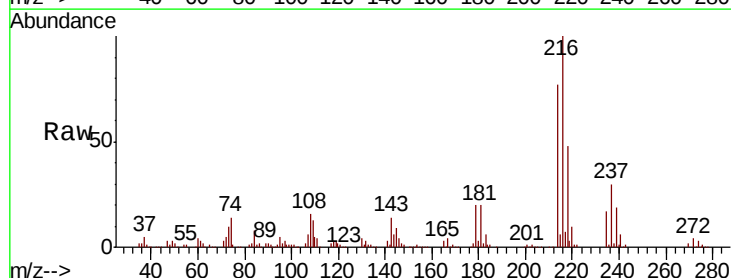
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.4 16.2 24.4

108 17.7 13.5 20.3

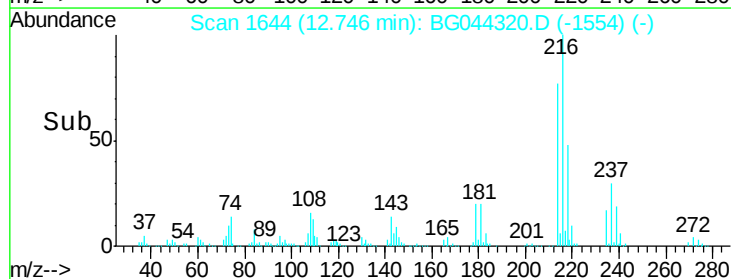
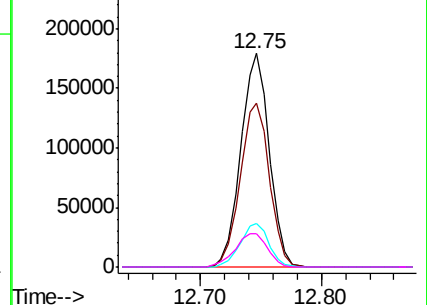


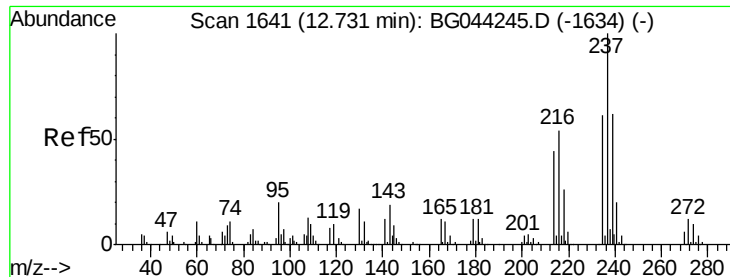
Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.453 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

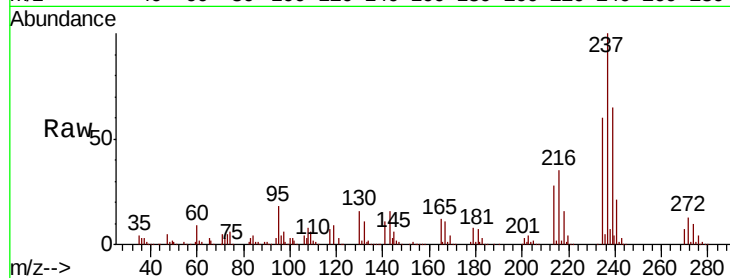
Tot Ion:237 Resp: 277923

Ion Ratio Lower Upper

237 100

235 60.0 41.2 81.2

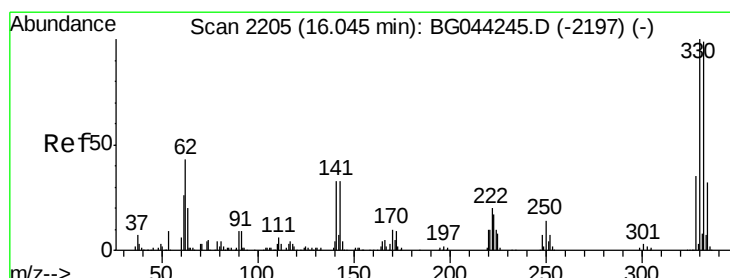
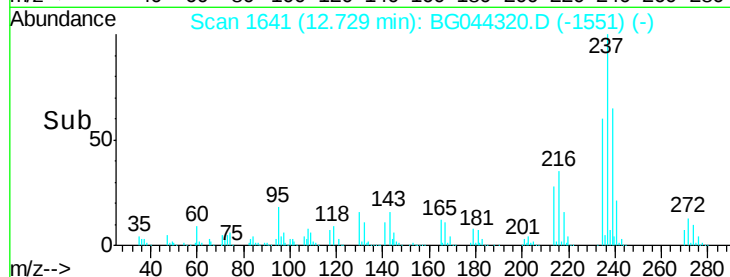
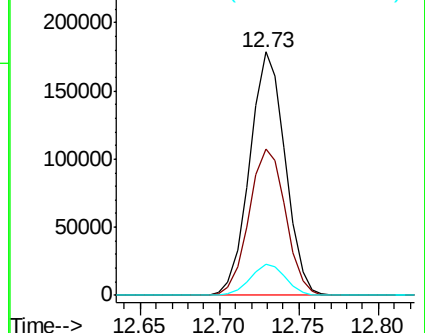
272 13.0 0.0 32.4



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: 98.278 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

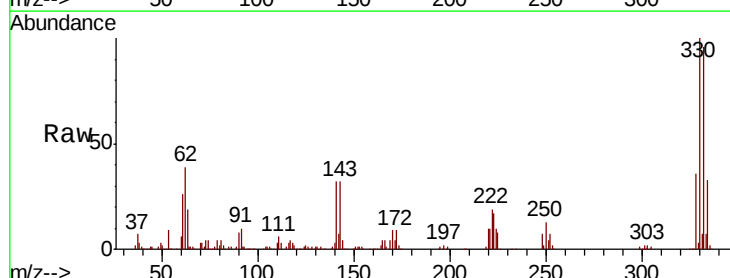
Tgt Ion:330 Resp: 341307

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

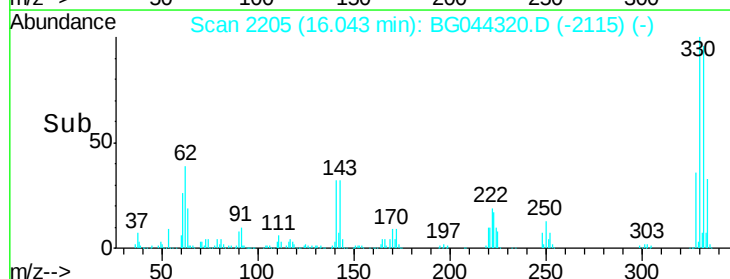
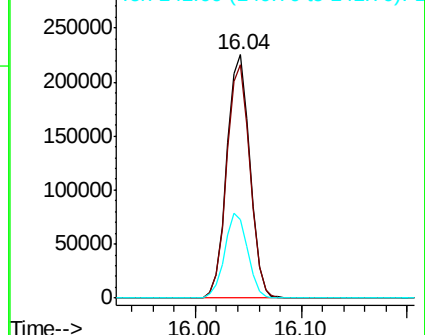
141 34.7 28.3 42.5

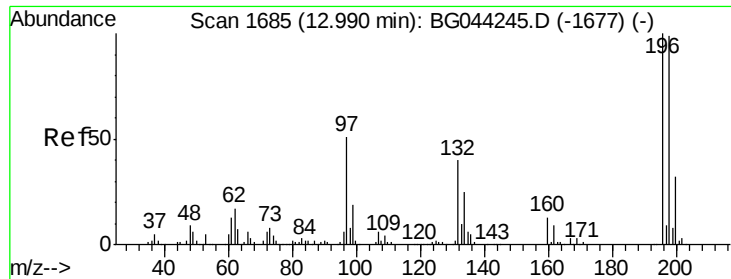


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

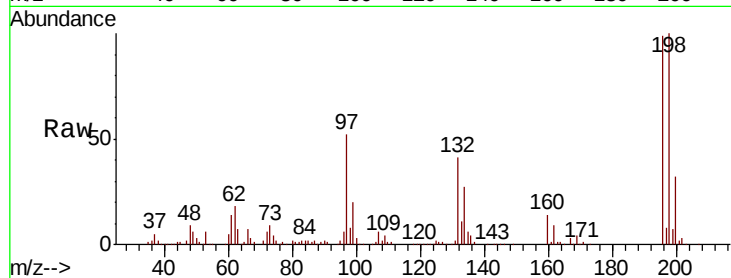




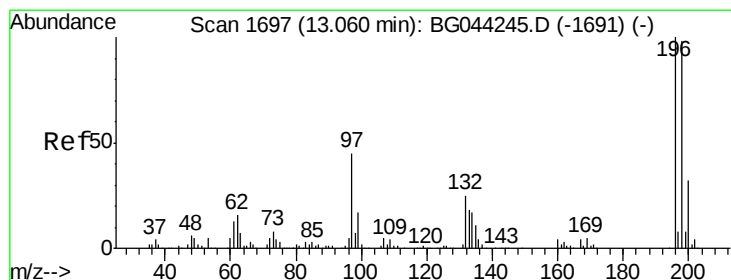
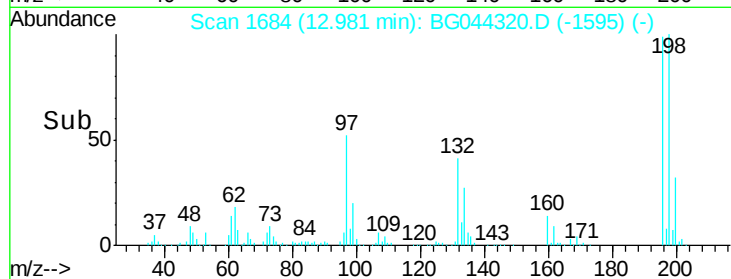
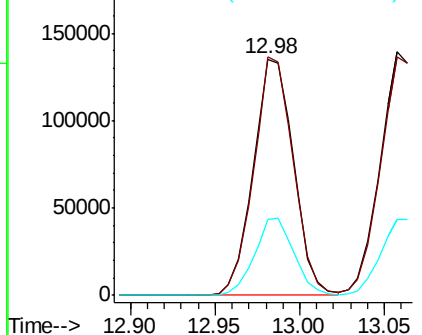
#43
 2,4,6-Trichlorophenol
 Concen: 39.060 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:196 Resp: 223423
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.3 118.9
 200 32.2 25.7 38.5



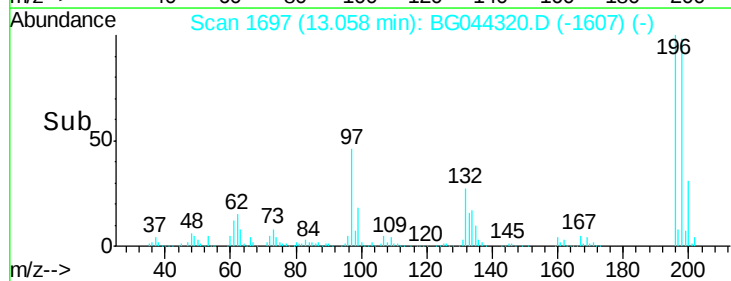
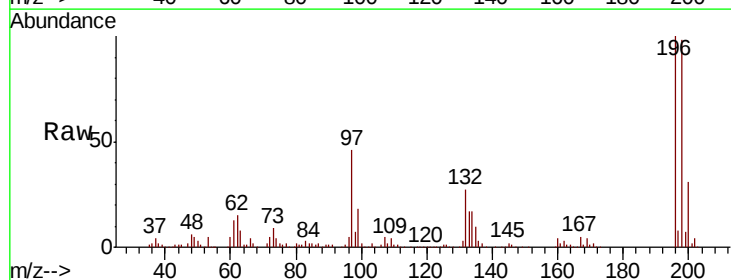
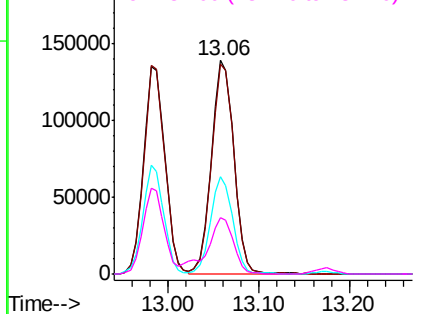
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

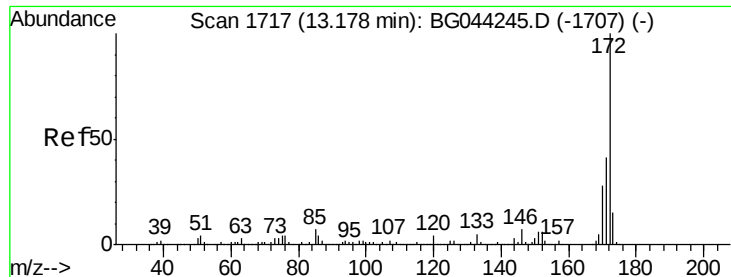


#44
 2,4,5-Trichlorophenol
 Concen: 40.933 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:196 Resp: 239147
 Ion Ratio Lower Upper
 196 100
 198 98.1 78.2 117.2
 97 45.7 36.2 54.4
 132 26.6 20.2 30.4

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E



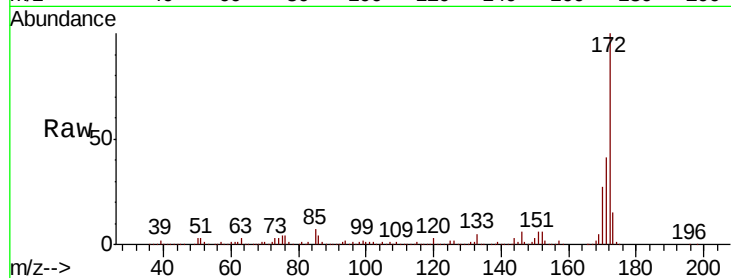


#45
 2-Fluorobiphenyl
 Concen: 66.751 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

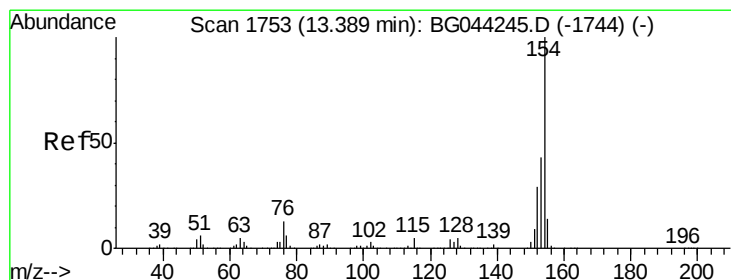
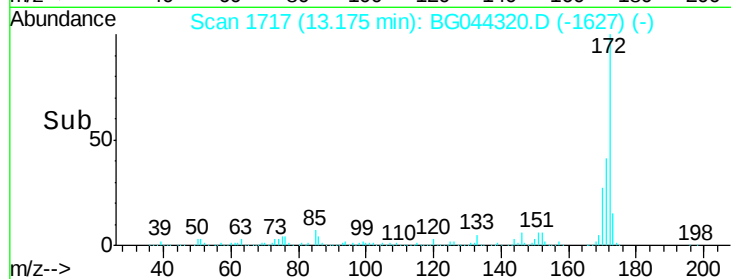
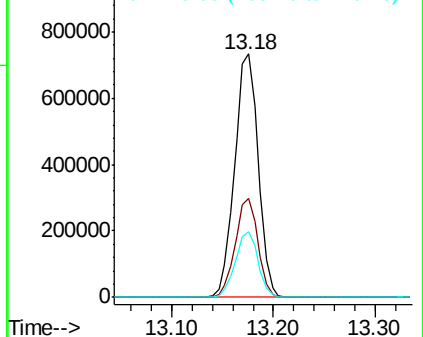
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:172 Resp: 1179235

Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.9	49.3
170	26.9	22.0	33.0



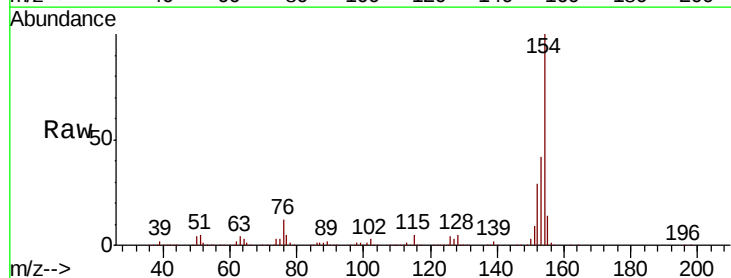
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



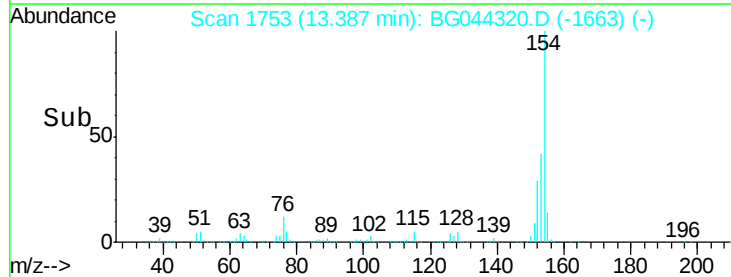
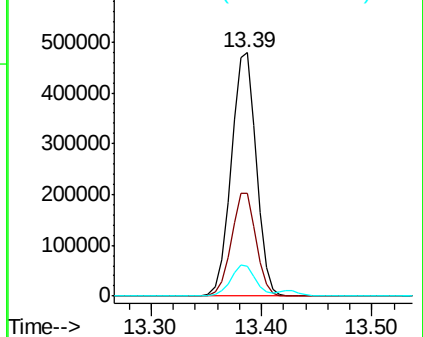
#46
 1,1'-Biphenyl
 Concen: 35.520 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

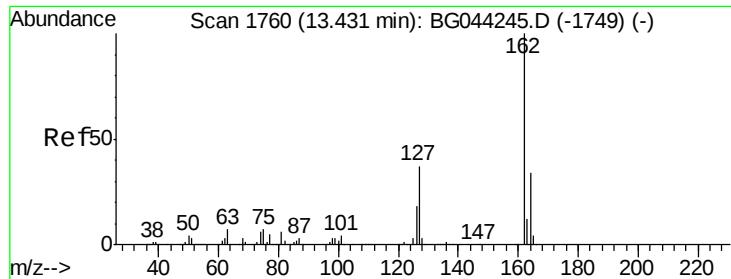
Tgt Ion:154 Resp: 757949

Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.7	62.7
76	12.2	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): BG0

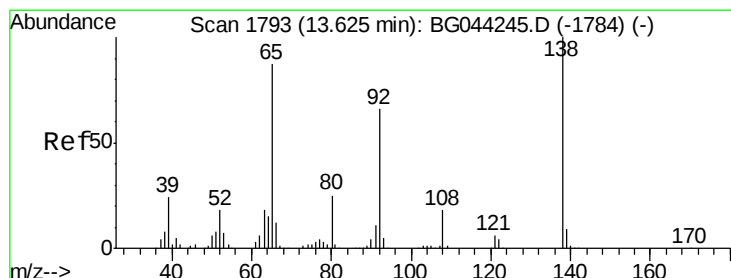
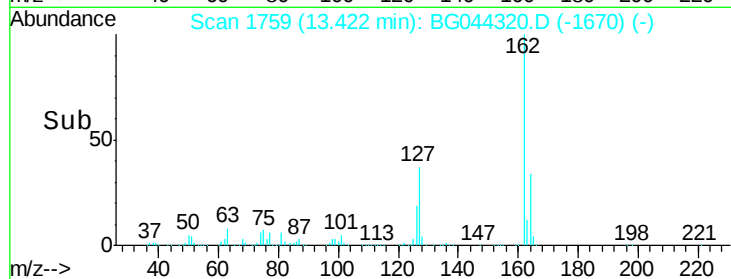
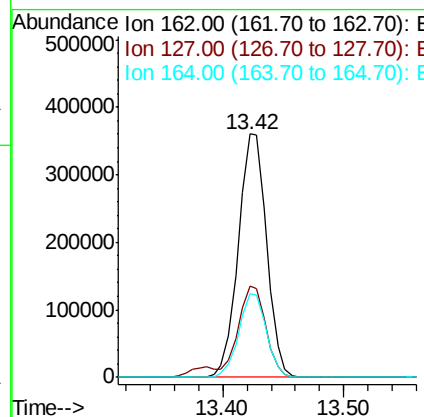
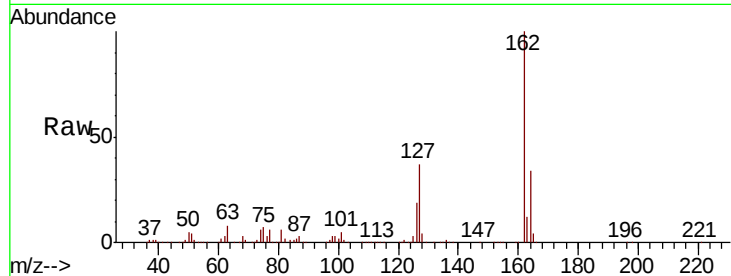




#47
2-Chloronaphthalene
Concen: 34.725 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

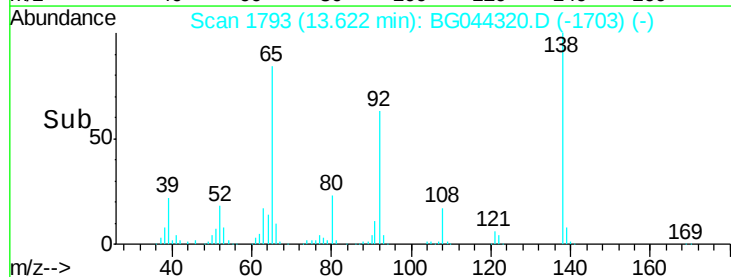
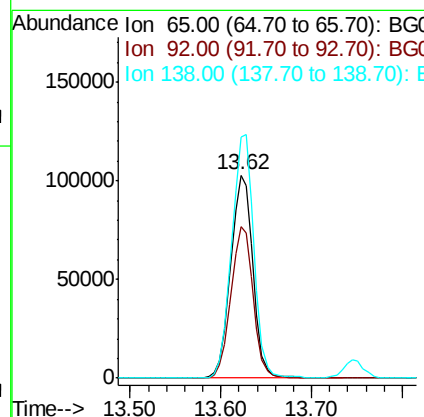
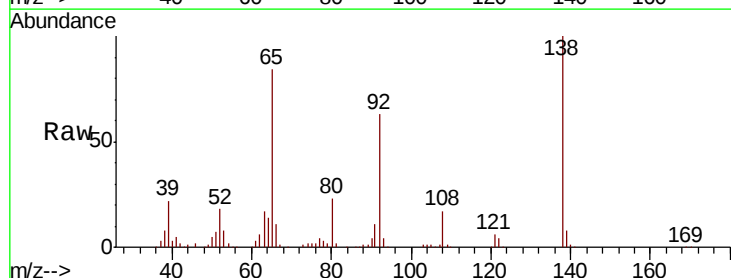
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

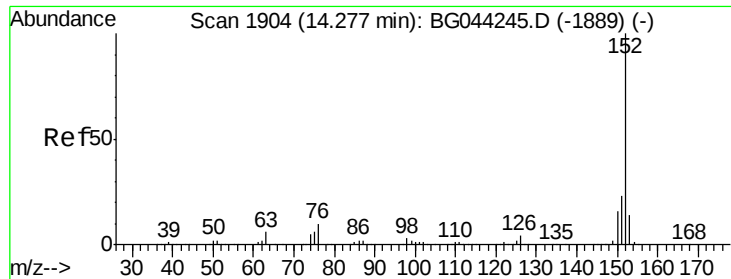
Tot Ion:162 Resp: 589637
Ion Ratio Lower Upper
162 100
127 37.5 30.0 45.0
164 34.4 27.2 40.8



#48
2-Nitroaniline
Concen: 35.013 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion: 65 Resp: 175458
Ion Ratio Lower Upper
65 100
92 74.7 60.3 90.5
138 118.7 91.9 137.9





#49

Acenaphthylene

Concen: 37.475 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

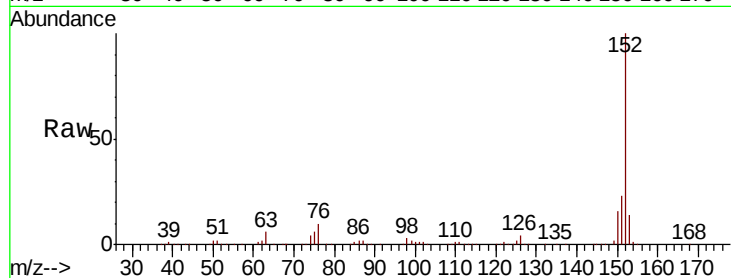
Tot Ion:152 Resp: 933319

Ion Ratio Lower Upper

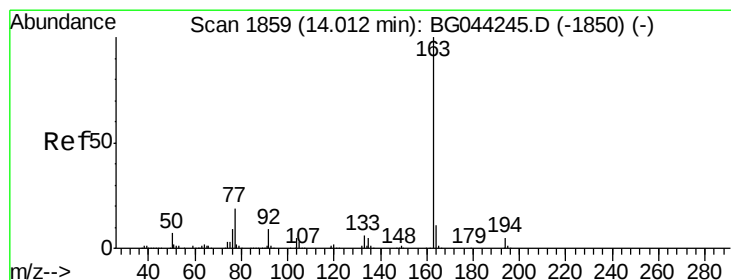
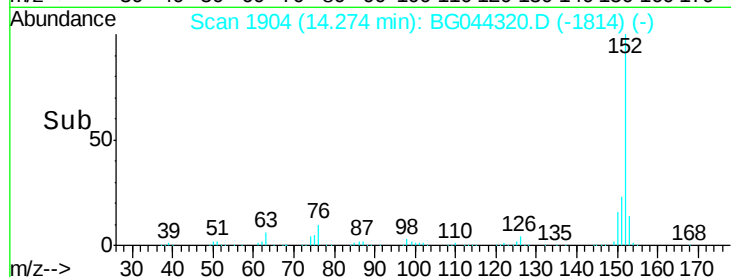
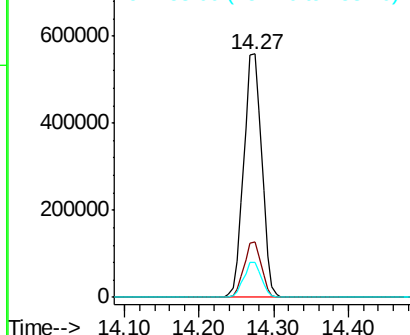
152 100

151 22.6 18.1 27.1

153 14.3 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: 35.840 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

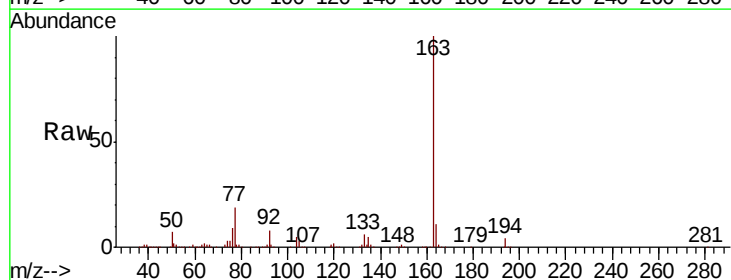
Tgt Ion:163 Resp: 762153

Ion Ratio Lower Upper

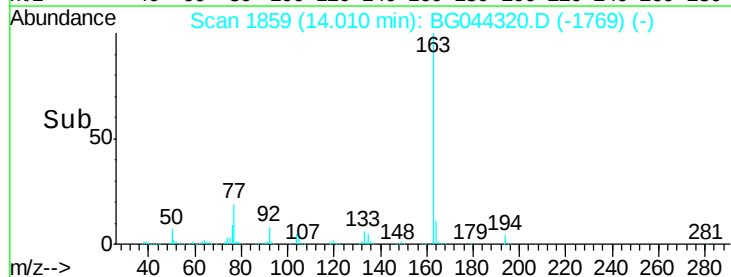
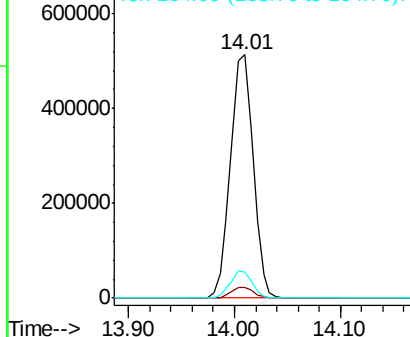
163 100

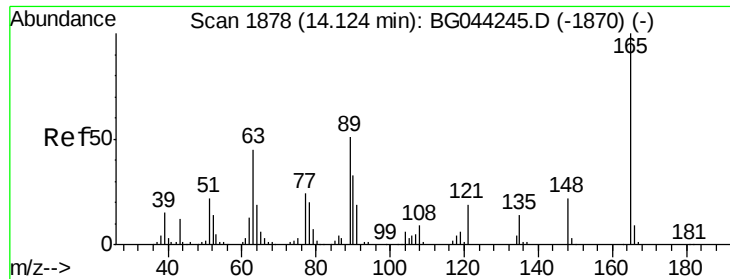
194 4.4 3.6 5.4

164 10.9 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

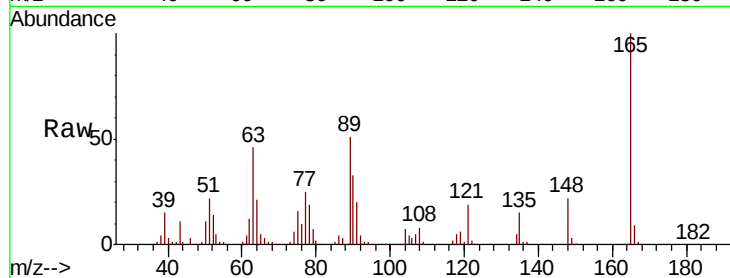




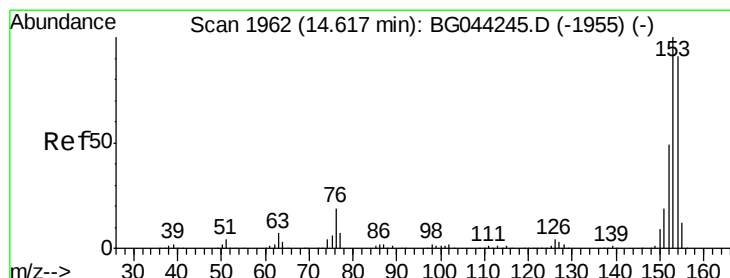
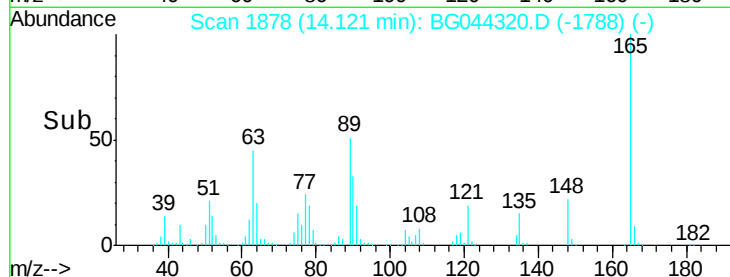
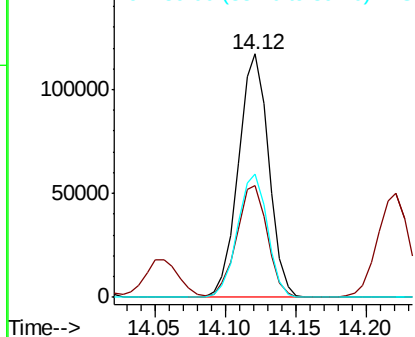
#51
 2,6-Dinitrotoluene
 Concen: 37.094 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

Tot Ion:165 Resp: 175879
 Ion Ratio Lower Upper
 165 100
 63 45.8 38.7 58.1
 89 50.6 40.4 60.6

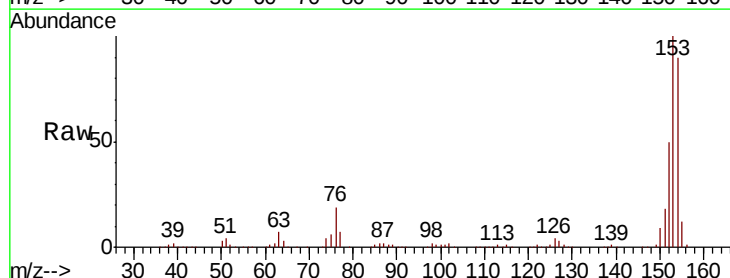


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

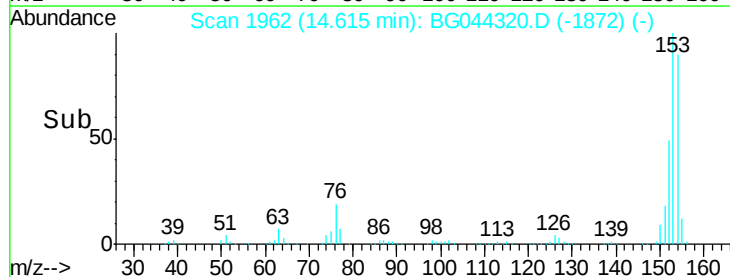
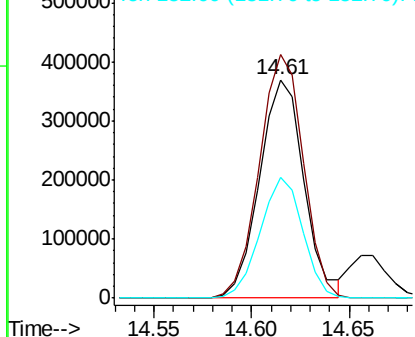


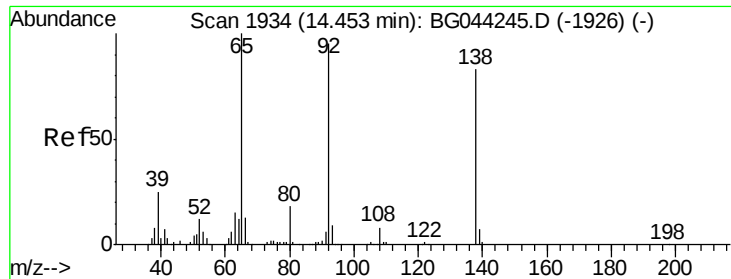
#52
 Acenaphthene
 Concen: 36.114 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:154 Resp: 582991
 Ion Ratio Lower Upper
 154 100
 153 111.6 87.9 131.9
 152 55.2 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

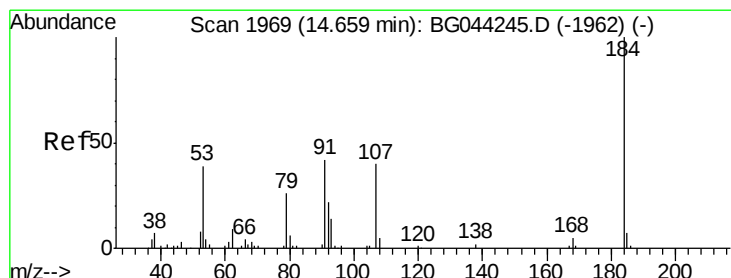
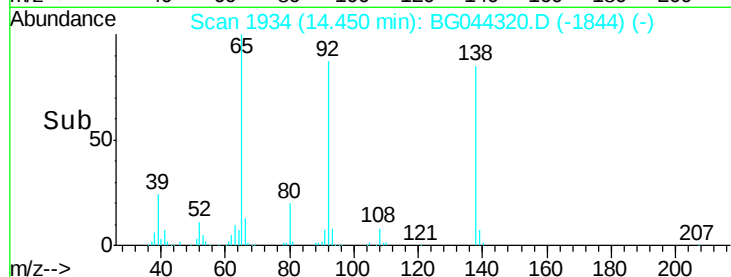
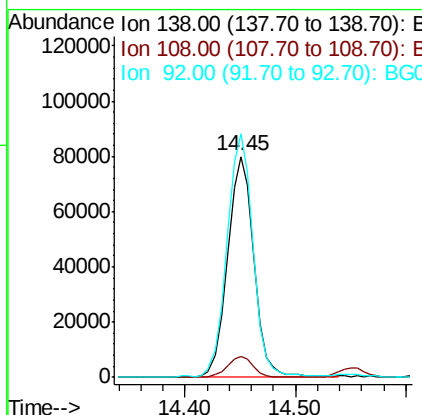
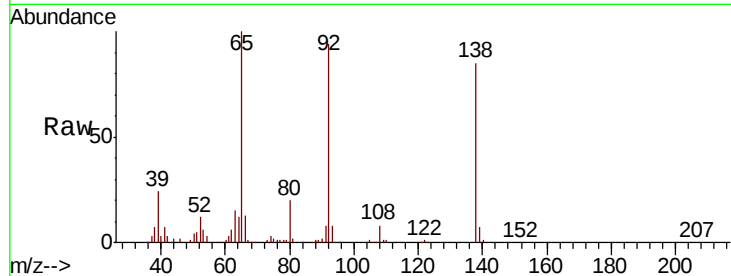




#53
3-Nitroaniline
Concen: 25.495 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

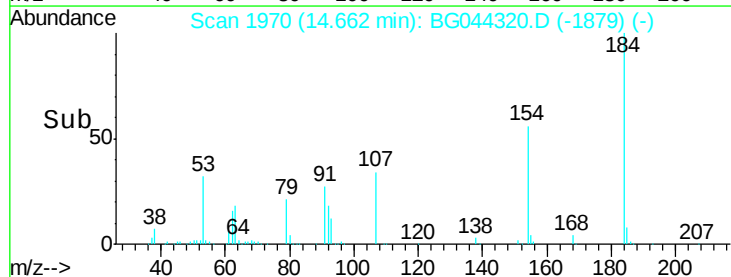
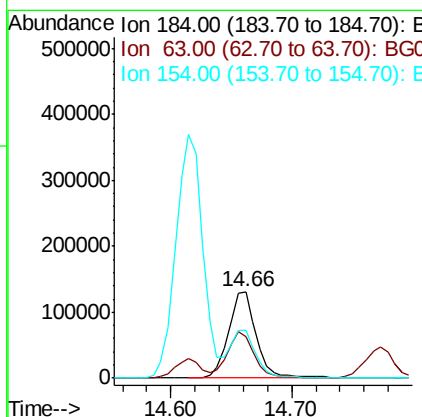
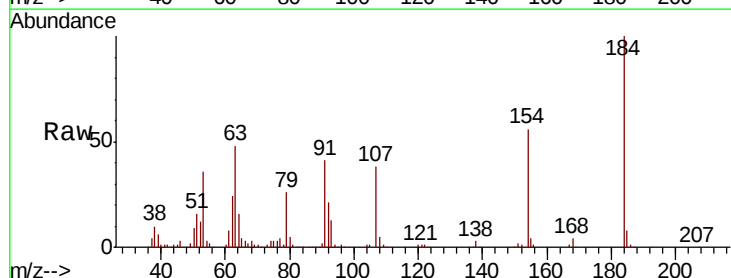
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

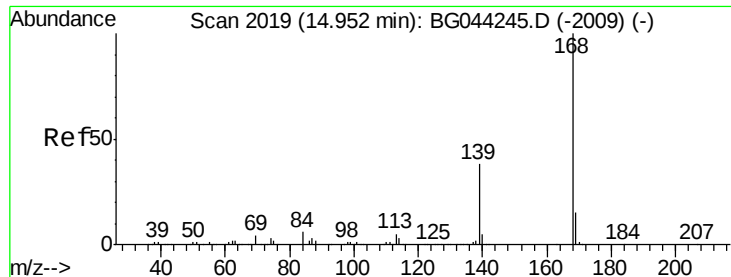
Tot Ion:138 Resp: 133736
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 110.1 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 75.052 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:184 Resp: 209394
Ion Ratio Lower Upper
184 100
63 47.9 44.1 66.1
154 55.7 45.4 68.0

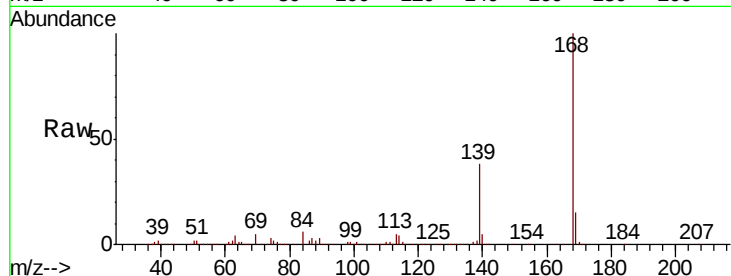




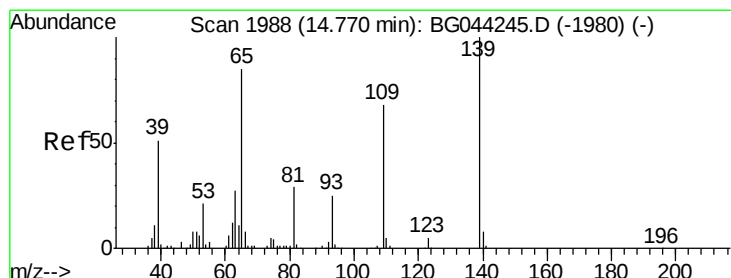
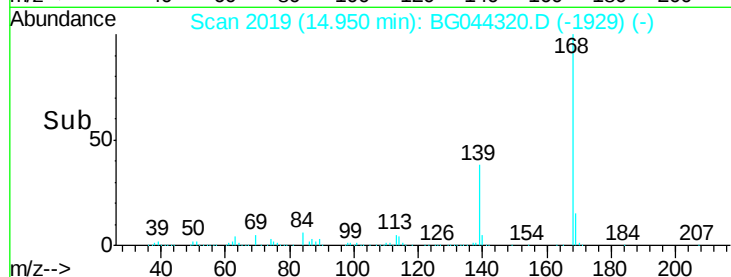
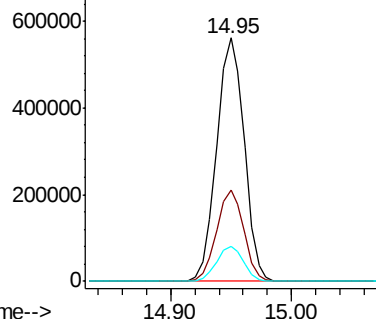
#55
Dibenzenofuran
Concen: 36.586 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:168 Resp: 894198
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 14.6 11.7 17.5

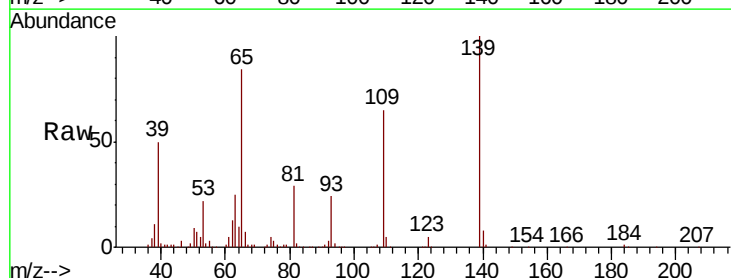


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

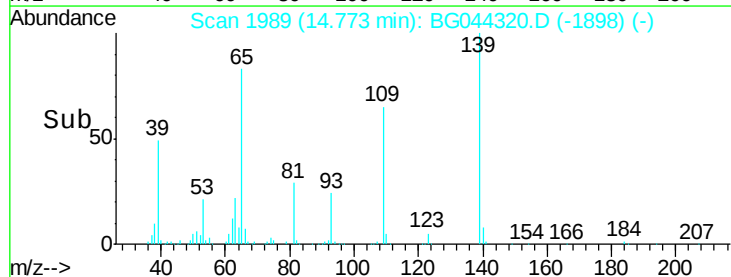
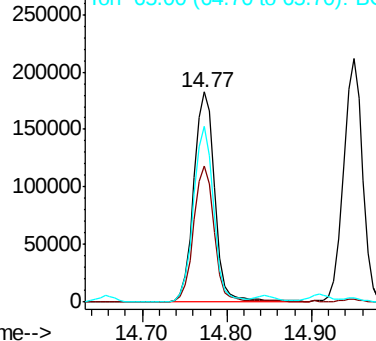


#56
4-Nitrophenol
Concen: 82.161 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:139 Resp: 315700
Ion Ratio Lower Upper
139 100
109 65.0 47.5 87.5
65 83.6 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): BGO

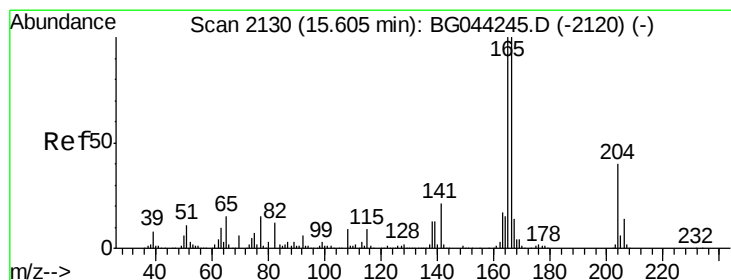
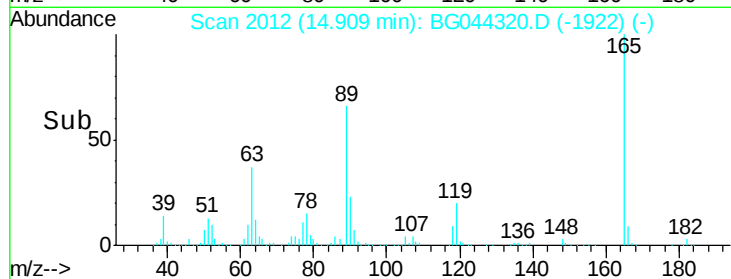
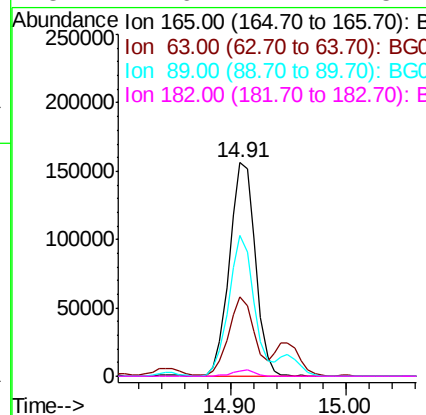
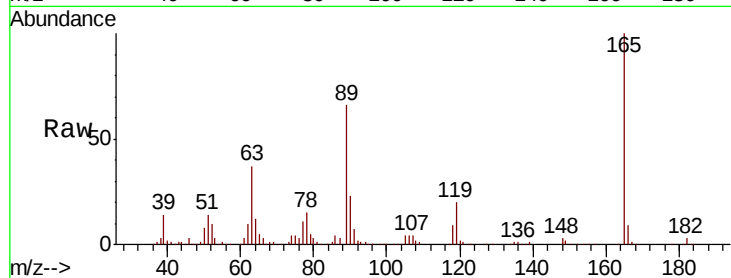




#57
2,4-Dinitrotoluene
Concen: 36.572 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

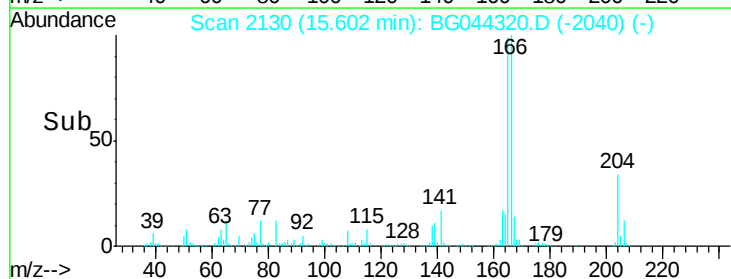
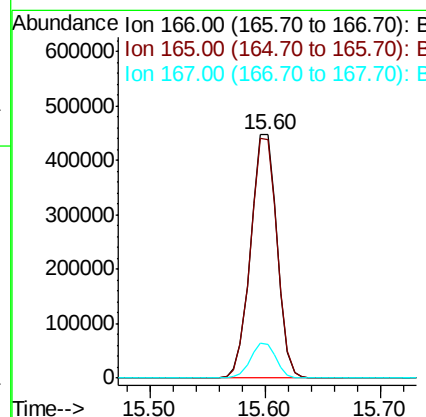
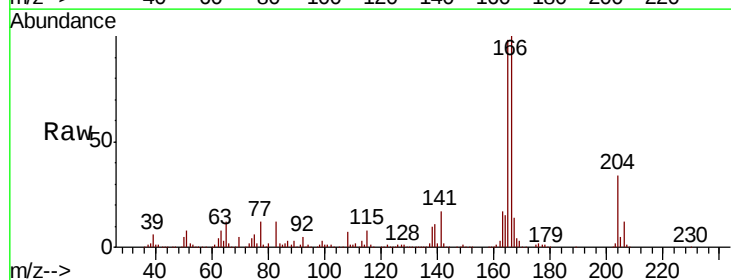
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.3	45.5
89	65.8	53.4	80.2
182	2.6	2.1	3.1



#58
Fluorene
Concen: 36.819 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	13.9	11.4	17.0

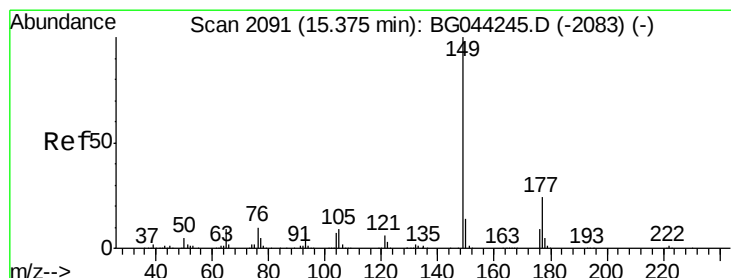
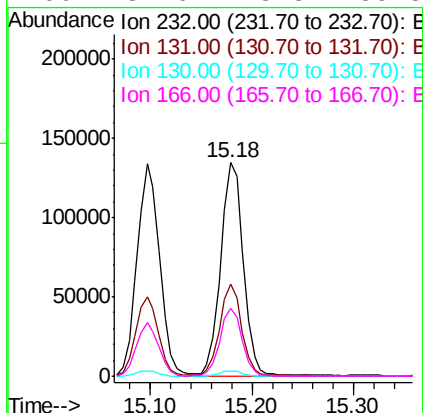
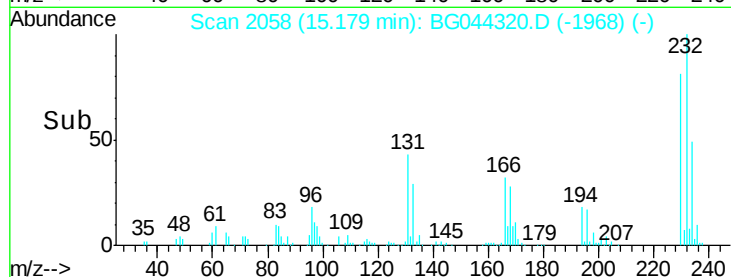
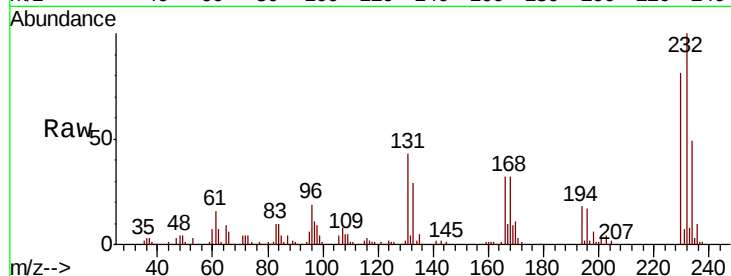




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.641 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

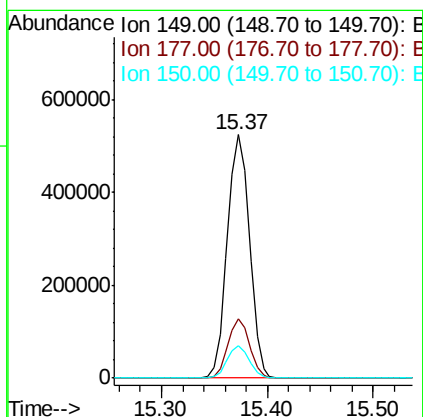
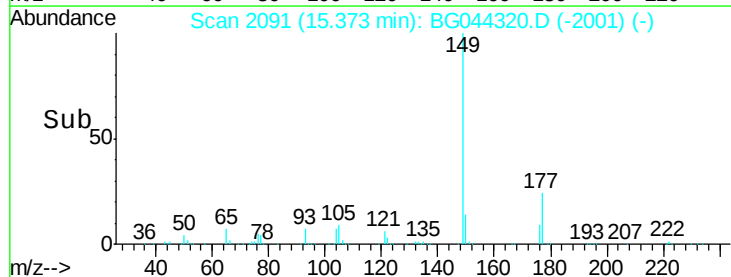
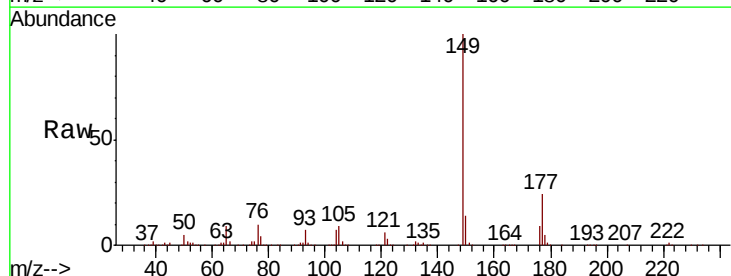
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

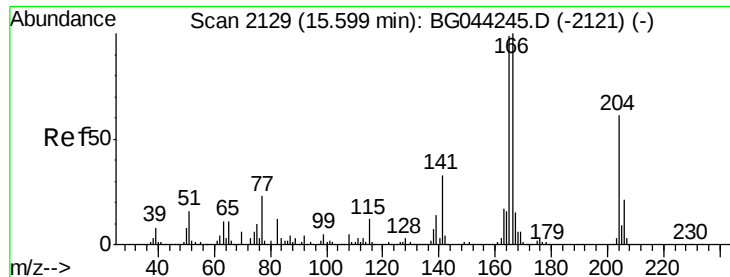
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.2	51.4
130	2.5	1.8	2.8
166	31.6	23.8	35.8



#60
 Diethylphthalate
 Concen: 35.994 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.4	29.0
150	13.5	10.9	16.3

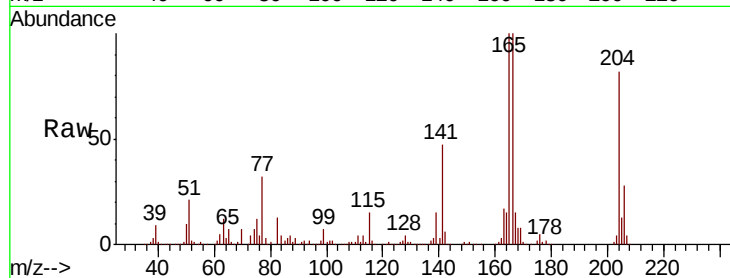




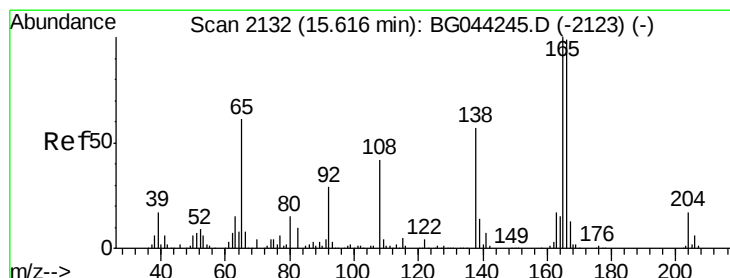
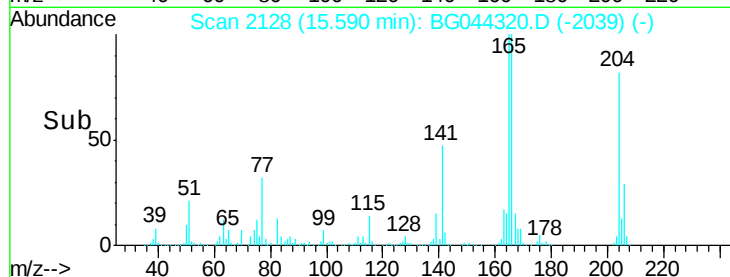
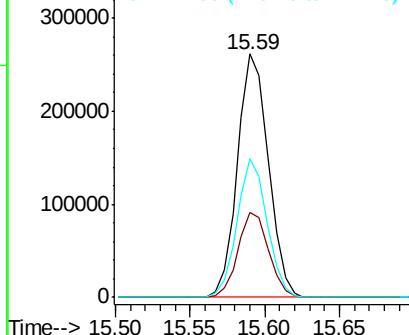
#61
4-Chlorophenyl-phenylether
Concen: 35.997 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:204 Resp: 375736
Ion Ratio Lower Upper
204 100
206 34.8 27.6 41.4
141 57.0 43.4 65.0

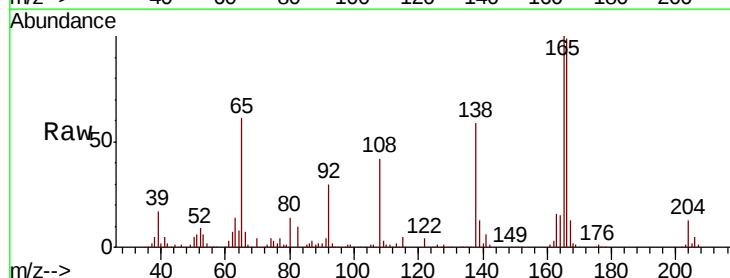


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

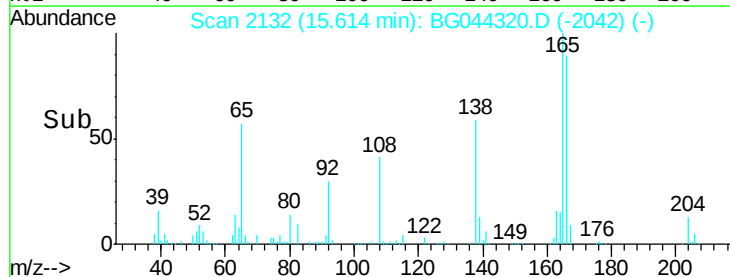
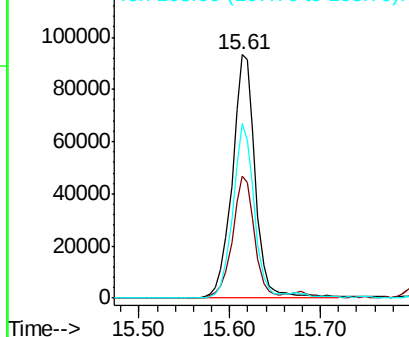


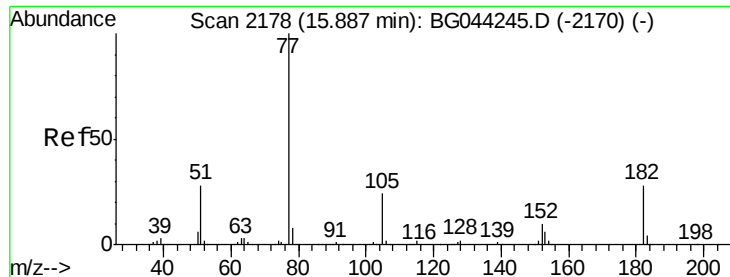
#62
4-Nitroaniline
Concen: 31.695 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:138 Resp: 166136
Ion Ratio Lower Upper
138 100
92 50.4 31.3 71.3
108 71.5 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

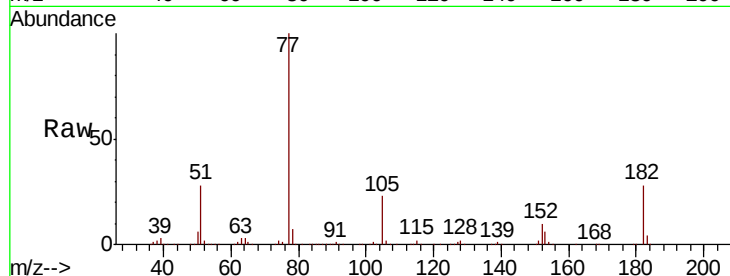




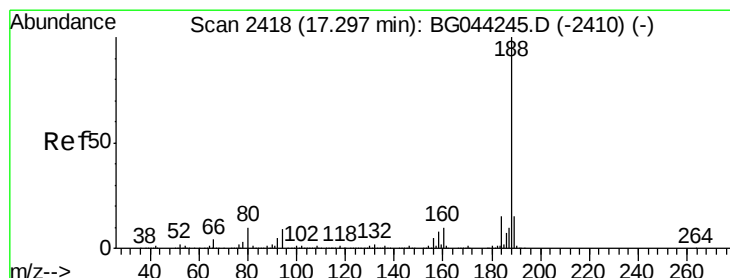
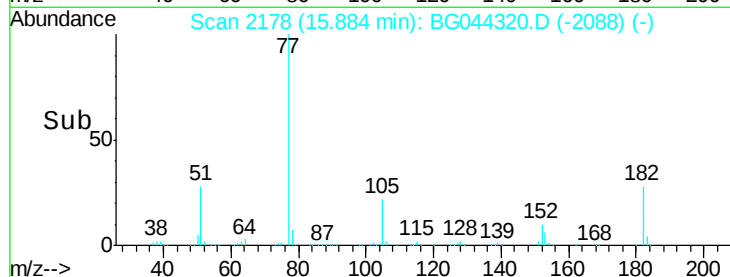
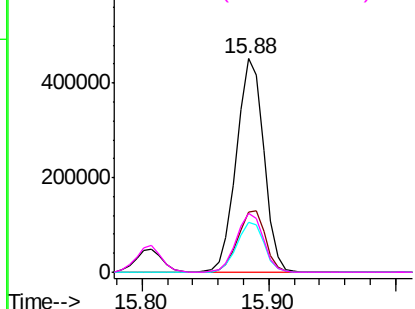
#63
Azobenzene
Concen: 36.126 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:	77	Resp:	670886
Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.2	48.2
105	23.5	3.6	43.6
51	27.9	8.3	48.3

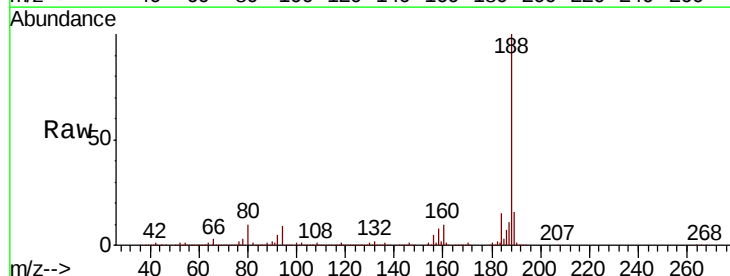


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

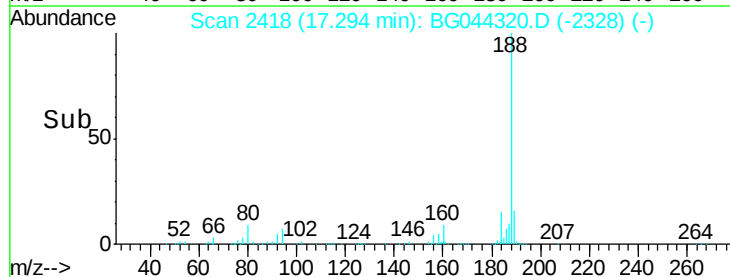
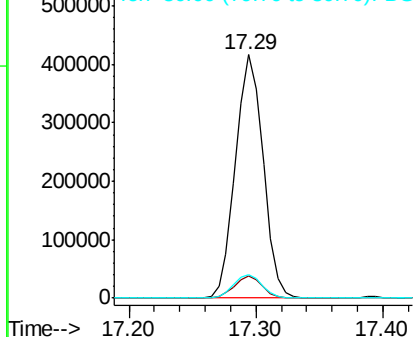


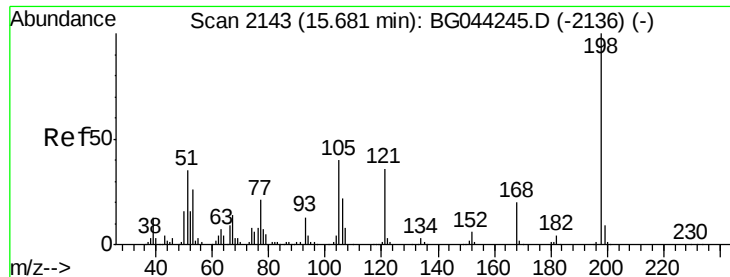
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:	188	Resp:	629897
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.2
80	9.6	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

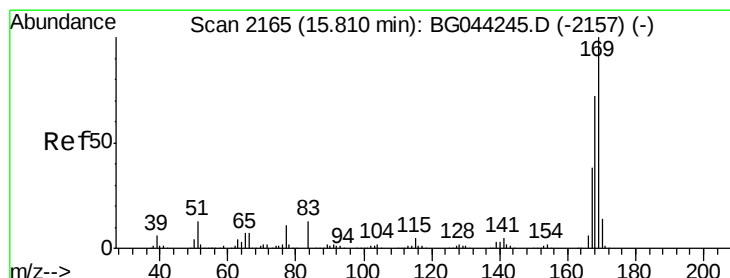
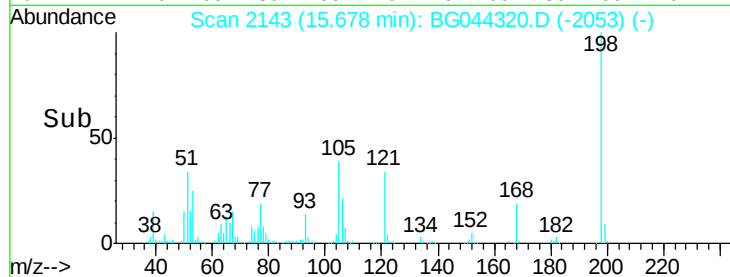
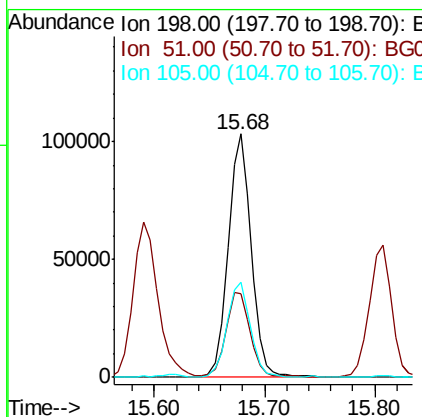
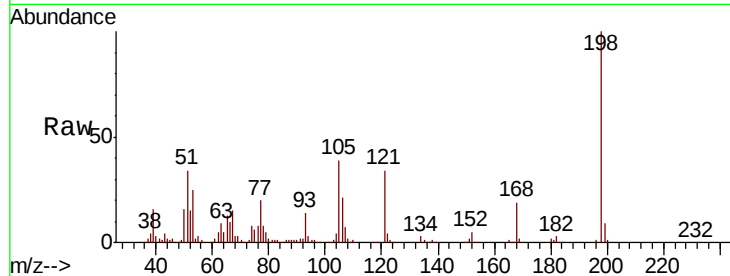




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.314 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

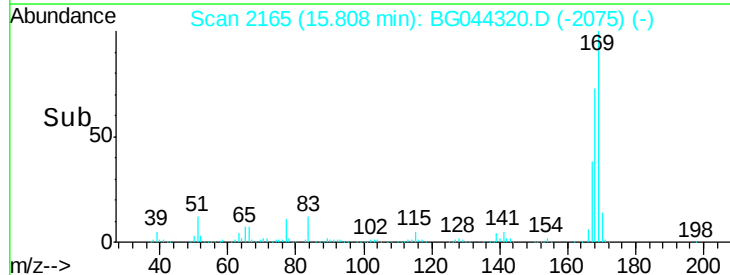
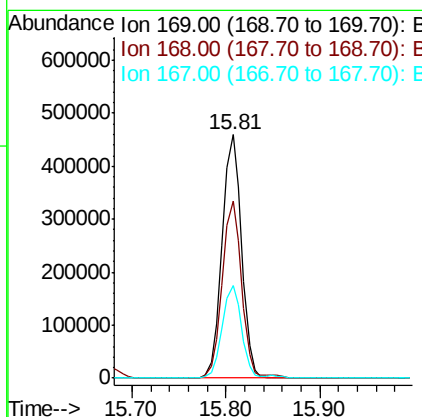
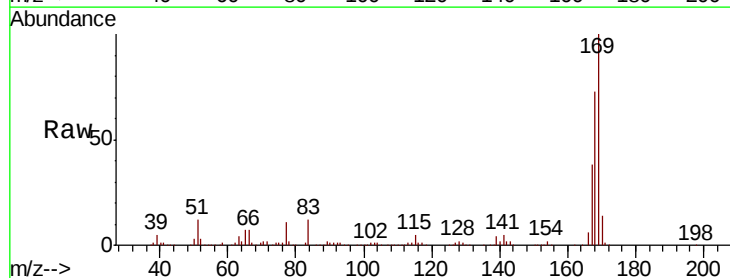
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

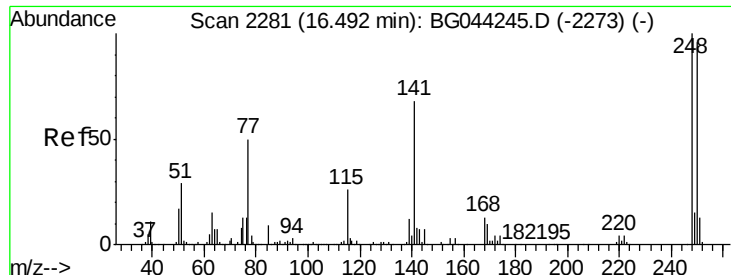
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.5	16.6	56.6
105	38.8	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 37.410 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.6	57.9	86.9
167	38.3	30.7	46.1

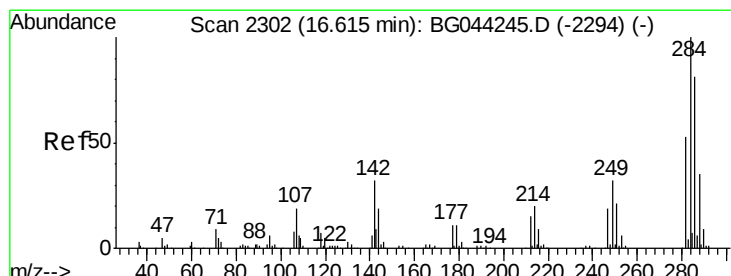
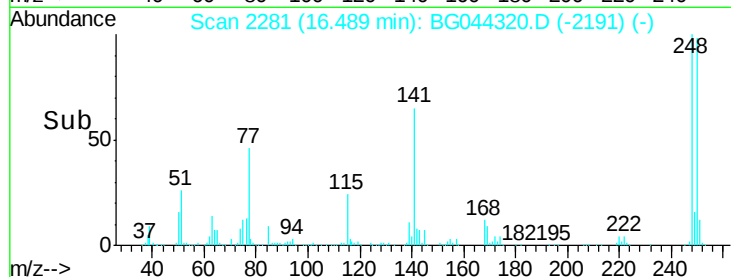
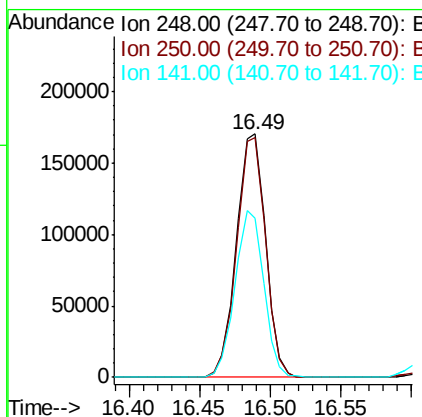
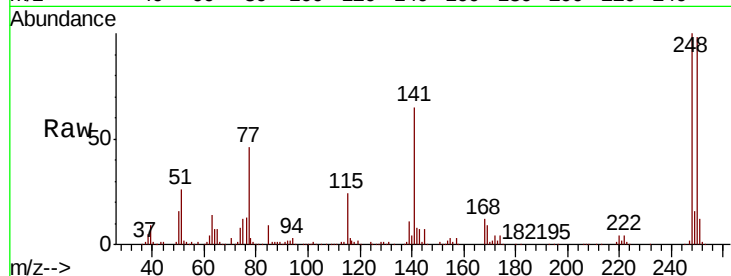




#67
4-Bromophenyl-phenylether
Concen: 35.836 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

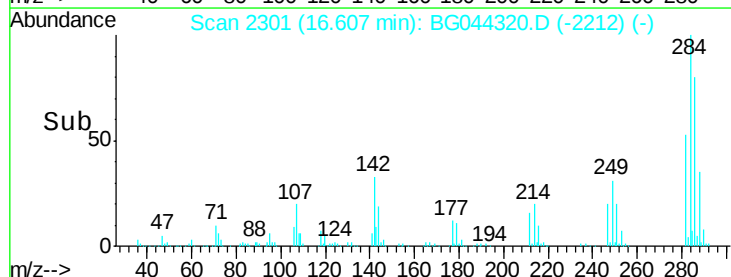
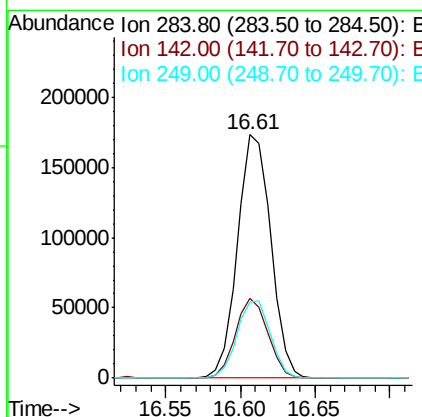
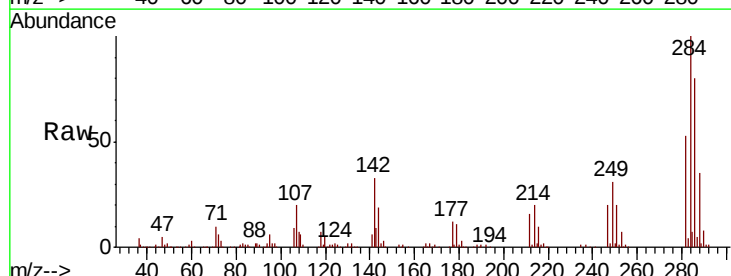
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

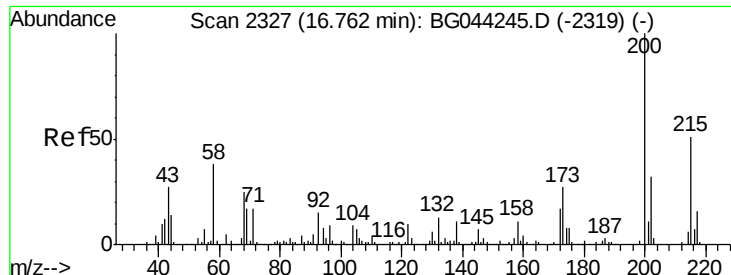
Tot Ion:248 Resp: 245928
Ion Ratio Lower Upper
248 100
250 98.5 76.6 114.8
141 65.3 54.7 82.1



#68
Hexachlorobenzene
Concen: 34.902 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:284 Resp: 268339
Ion Ratio Lower Upper
284 100
142 32.8 25.3 37.9
249 31.3 25.5 38.3





#69

Atrazine

Concen: 40.025 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

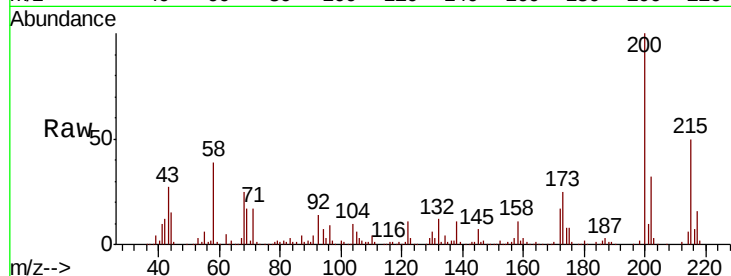
Tot Ion:200 Resp: 242167

Ion Ratio Lower Upper

200 100

173 25.4 6.6 46.6

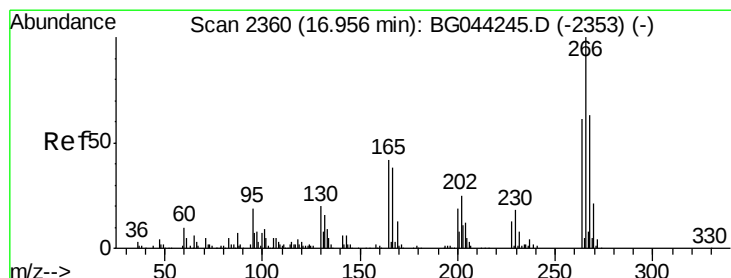
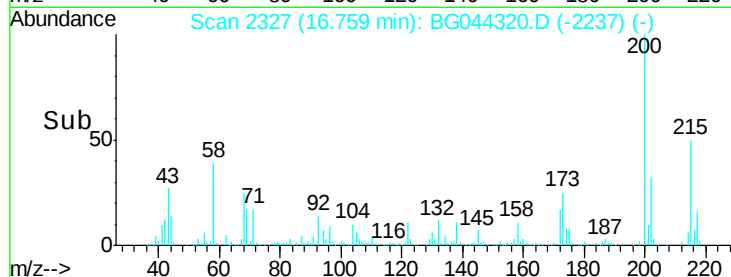
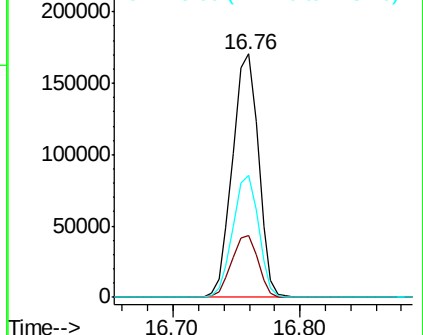
215 50.3 31.0 71.0



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: 79.584 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

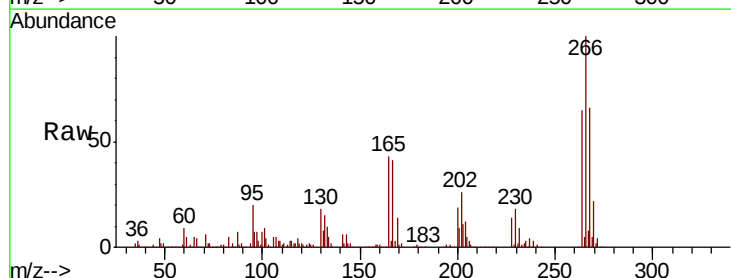
Tgt Ion:266 Resp: 309351

Ion Ratio Lower Upper

266 100

268 65.7 50.6 75.8

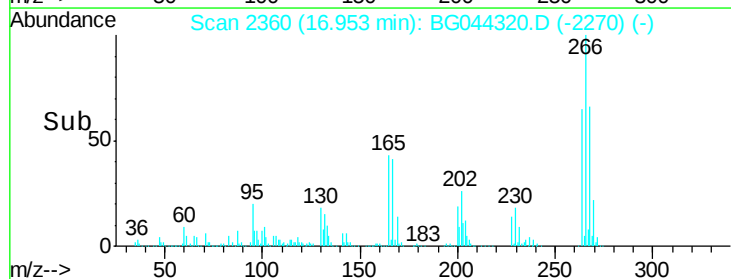
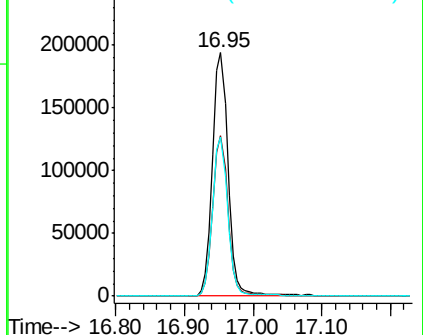
264 65.3 48.7 73.1

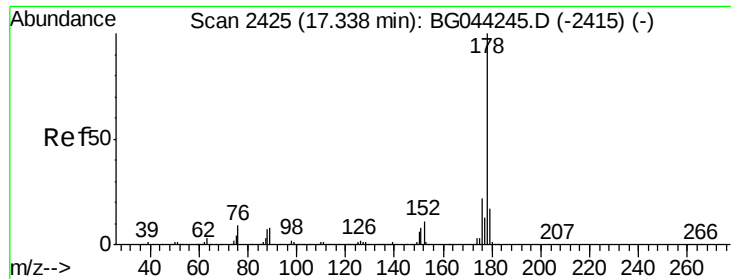


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

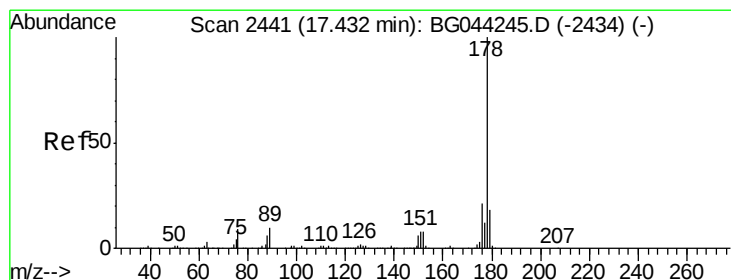
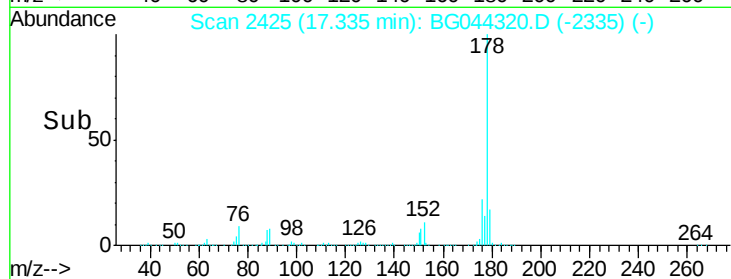
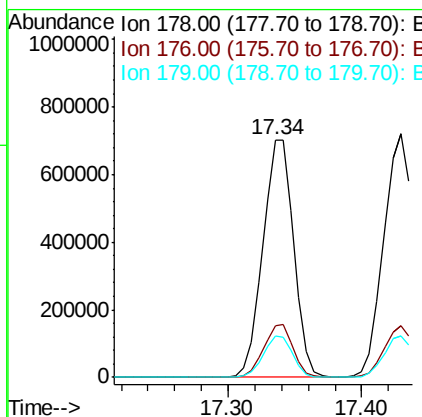
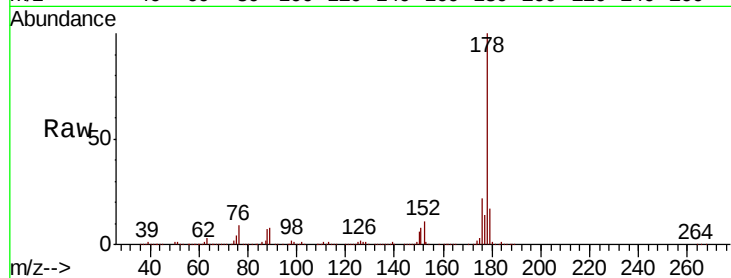




#71
Phenanthrene
Concen: 36.725 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

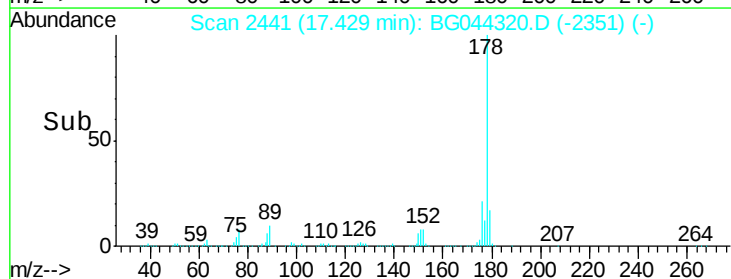
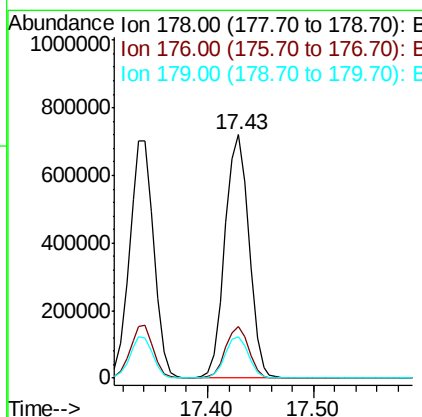
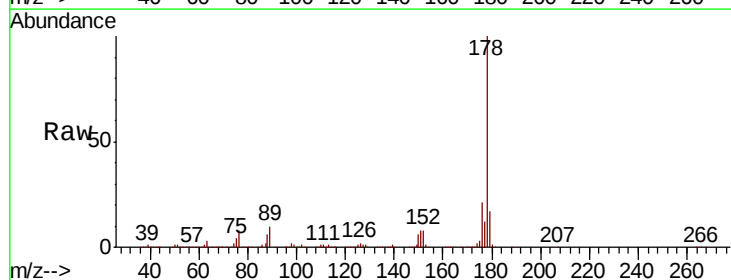
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

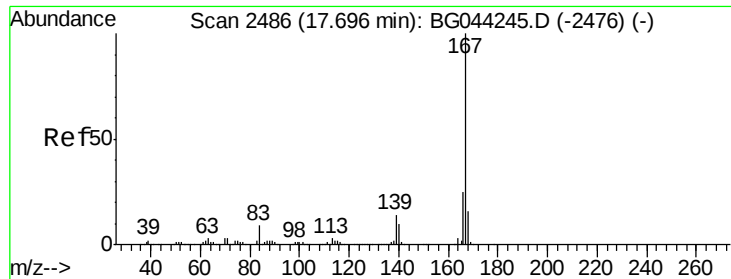
Tot Ion:178 Resp: 1120170
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 37.632 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:178 Resp: 1134825
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.4
179 17.2 14.4 21.6

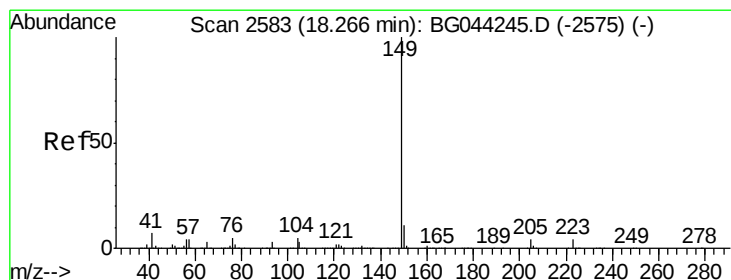
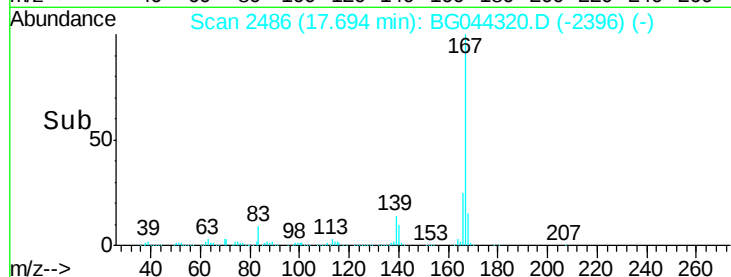
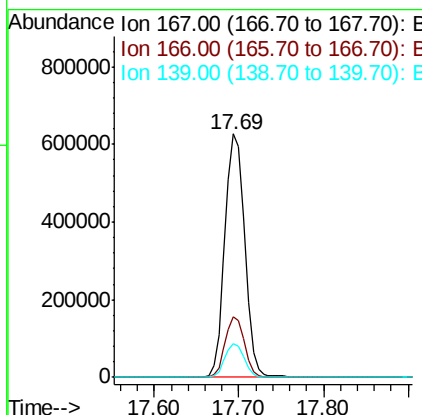
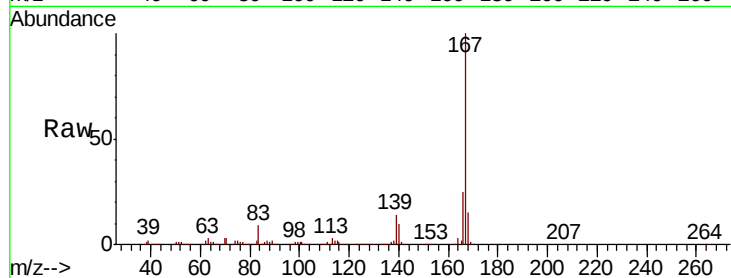




#73
 Carbazole
 Concen: 36.896 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

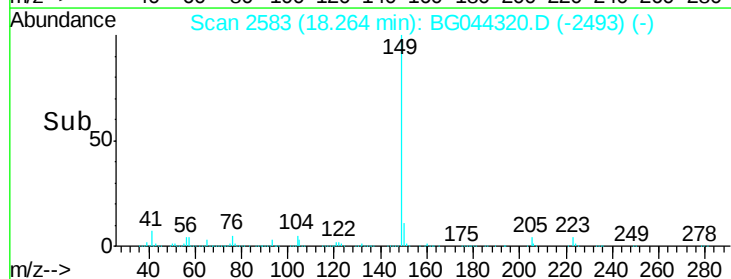
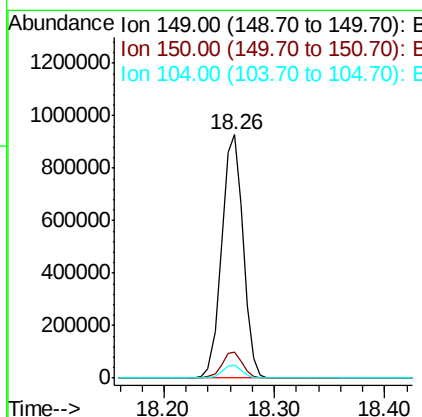
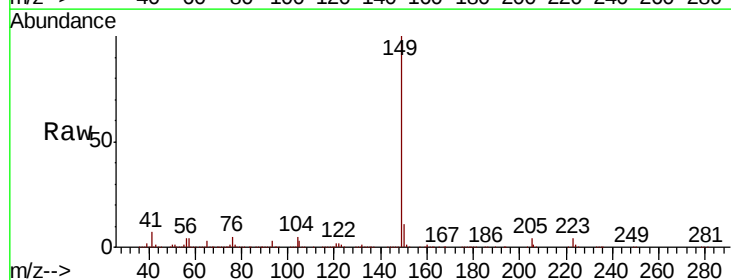
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BSD

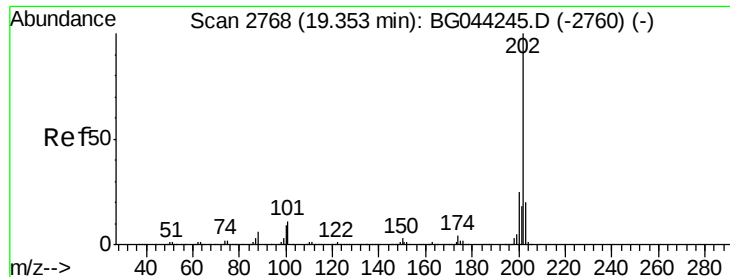
Tot Ion:167 Resp: 1025726
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.8 29.6
 139 13.8 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 36.527 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044320.D
 Acq: 6 Feb 2020 13:18

Tgt Ion:149 Resp: 1254859
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.7 13.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 36.391 ng

RT: 19.34 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

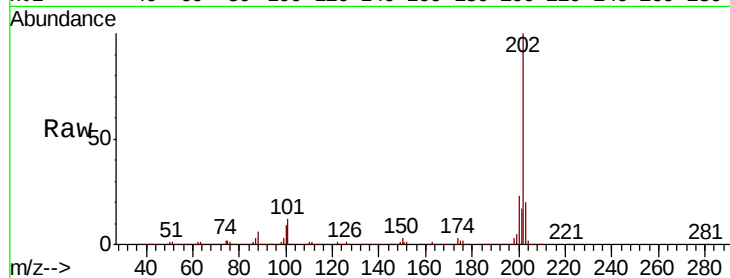
Tot Ion:202 Resp: 1284069

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.3

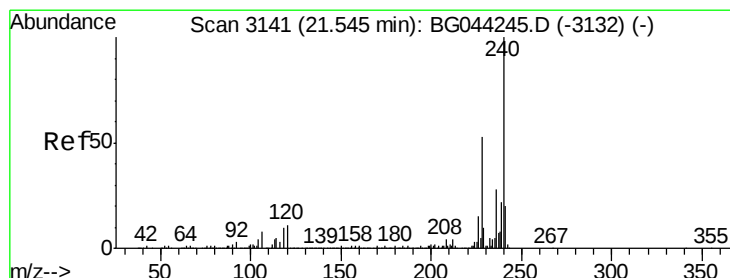
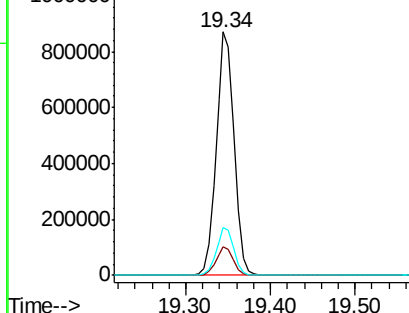
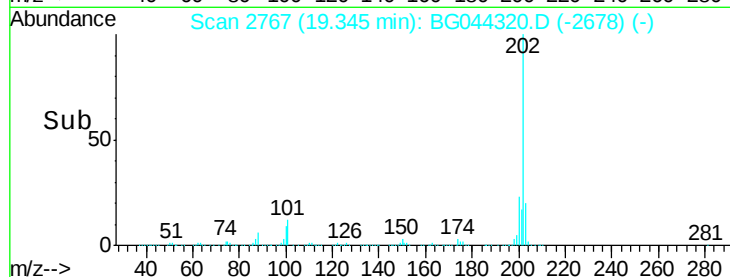
203 19.5 0.0 39.9



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

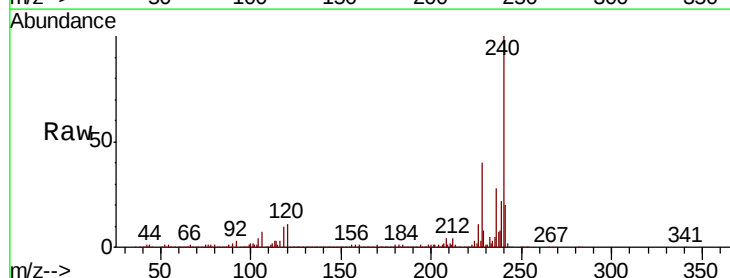
Tgt Ion:240 Resp: 544111

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

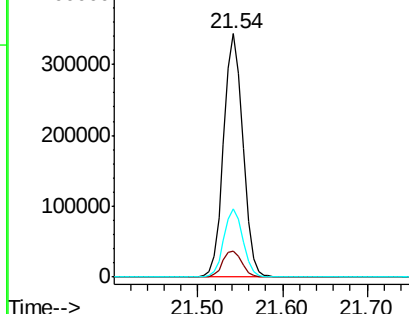
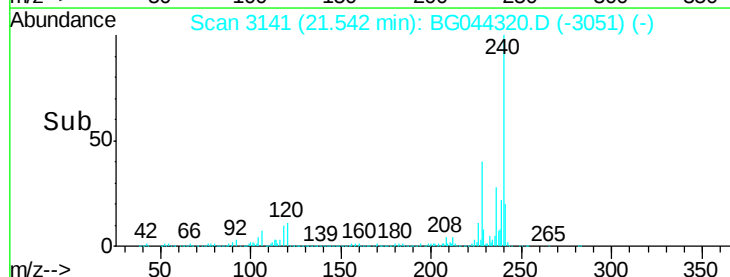
236 28.1 22.1 33.1



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: 16.347 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

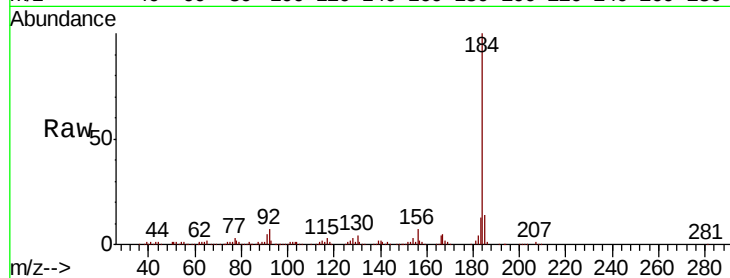
Tot Ion:184 Resp: 246712

Ion Ratio Lower Upper

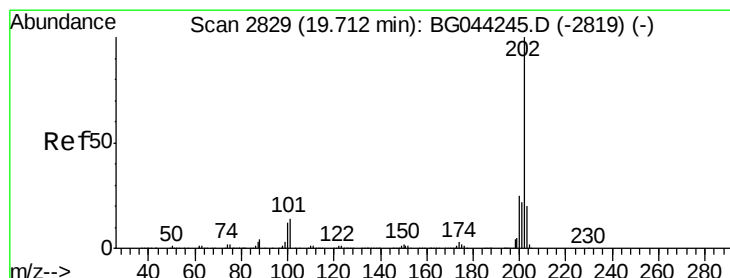
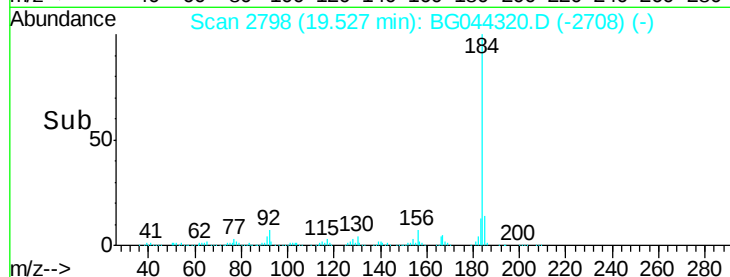
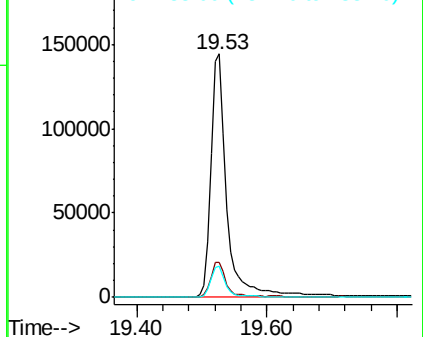
184 100

185 14.4 12.9 19.3

183 12.7 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: 36.892 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

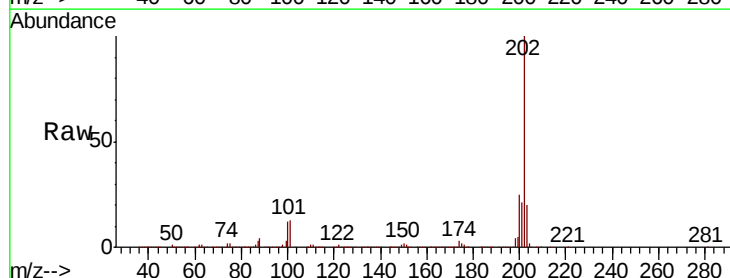
Tgt Ion:202 Resp: 1289107

Ion Ratio Lower Upper

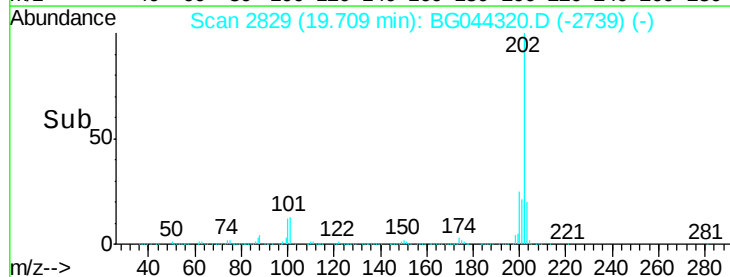
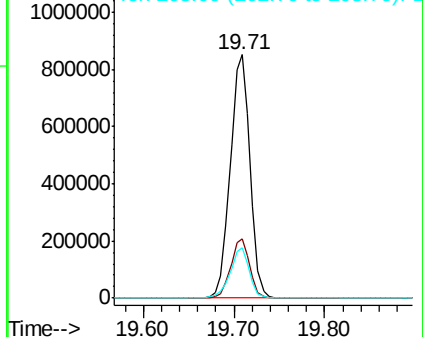
202 100

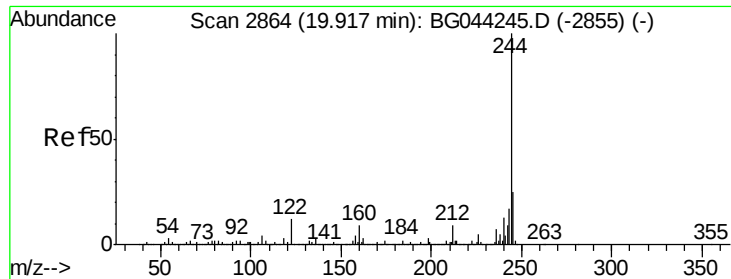
200 24.5 20.0 30.0

203 20.5 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: 64.532 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

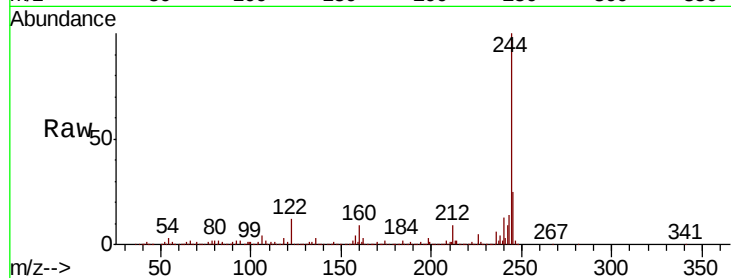
Tot Ion:244 Resp: 1707076

Ion Ratio Lower Upper

244 100

212 9.0 7.4 11.2

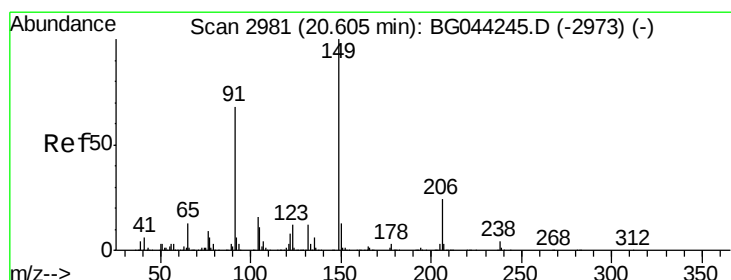
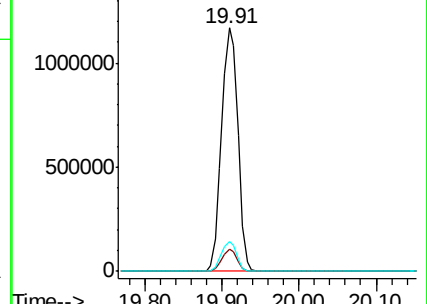
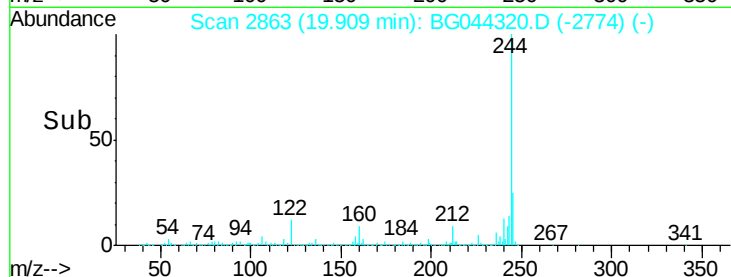
122 12.4 9.8 14.6



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: 36.407 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

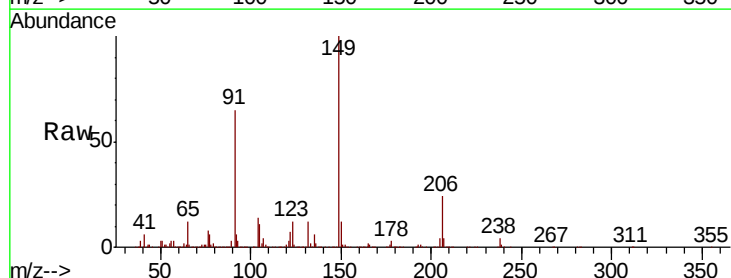
Tgt Ion:149 Resp: 579735

Ion Ratio Lower Upper

149 100

91 65.4 54.5 81.7

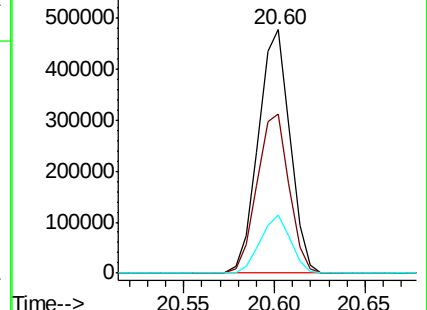
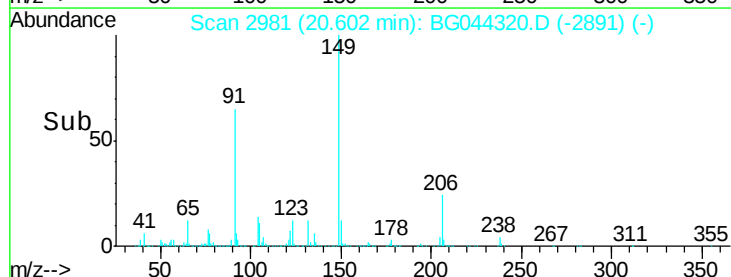
206 23.7 19.1 28.7

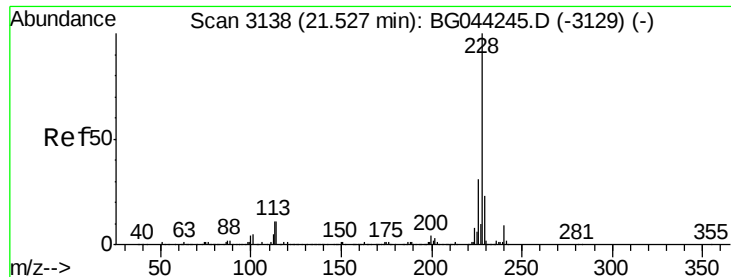


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.881 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

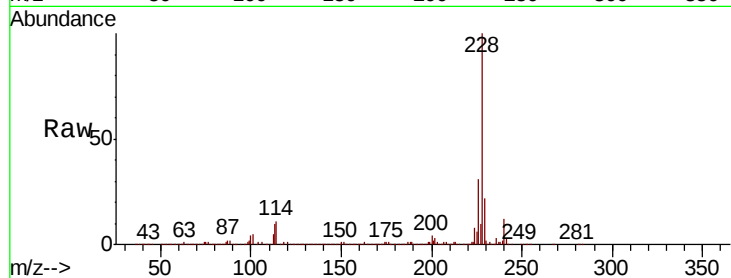
Tot Ion:228 Resp: 1236779

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

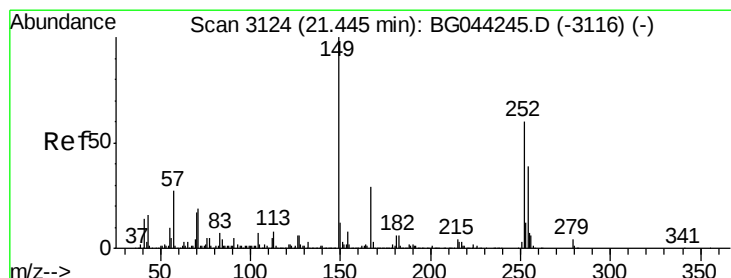
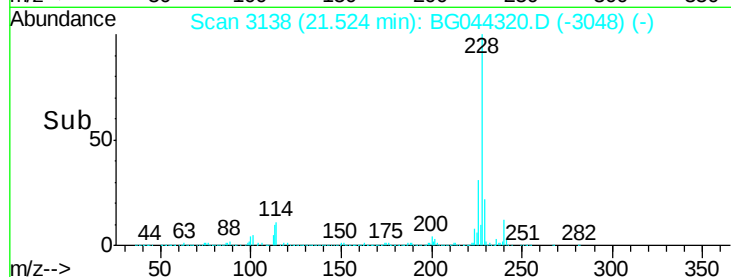
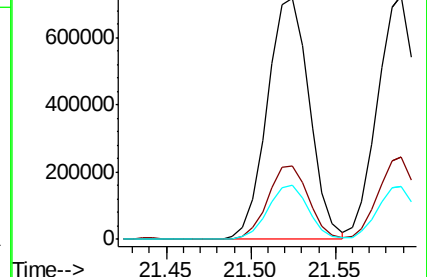
229 22.4 18.2 27.4



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: 29.536 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

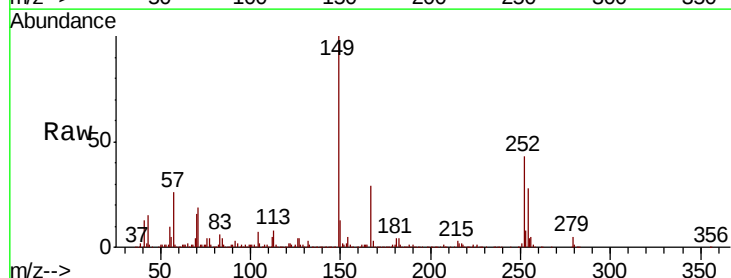
Tgt Ion:252 Resp: 384412

Ion Ratio Lower Upper

252 100

254 66.3 52.6 78.8

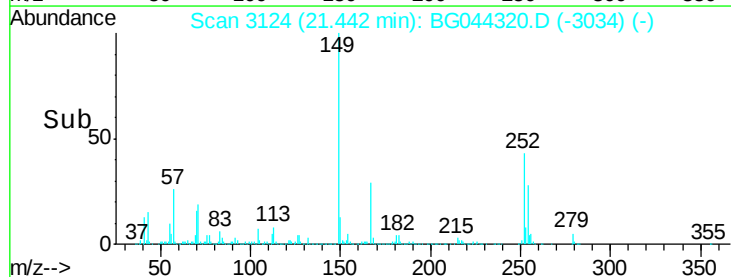
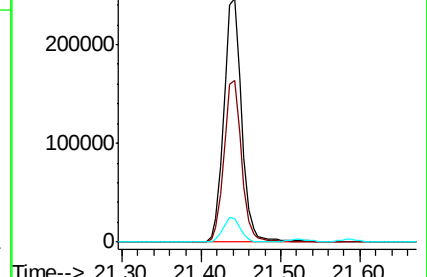
126 9.6 8.2 12.4

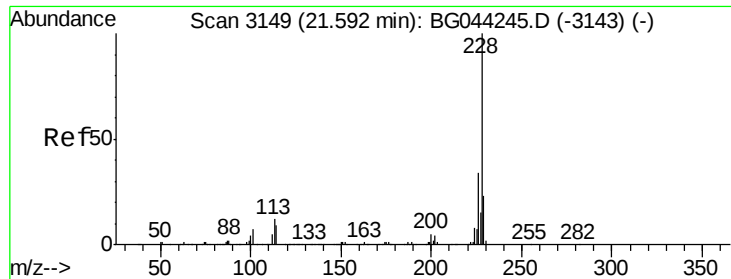


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.628 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

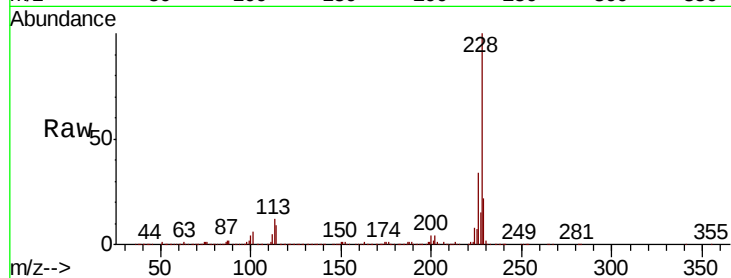
Tot Ion:228 Resp: 1187261

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

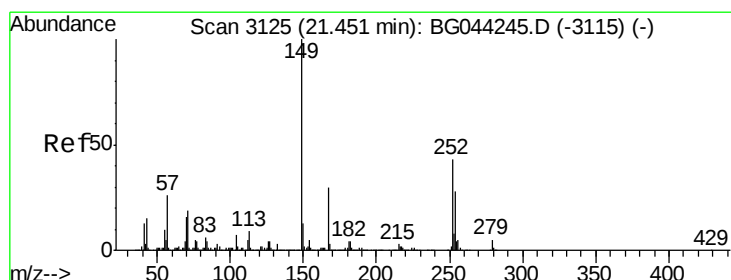
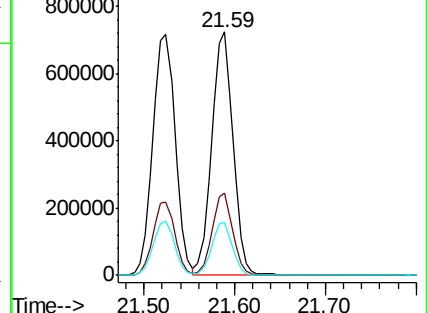
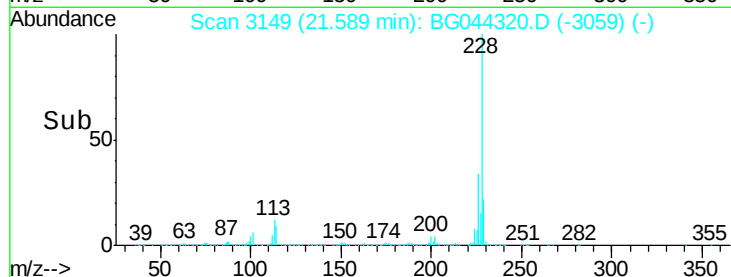
229 22.0 17.9 26.9



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: 37.189 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

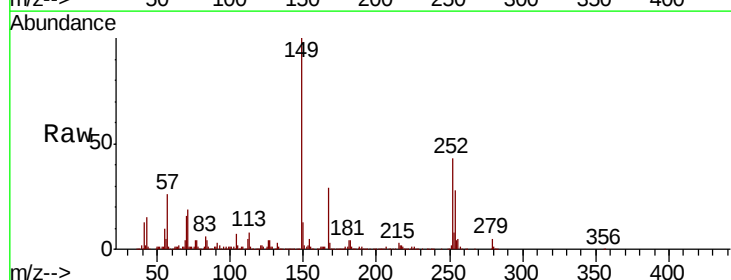
Tgt Ion:149 Resp: 815115

Ion Ratio Lower Upper

149 100

167 29.5 24.0 36.0

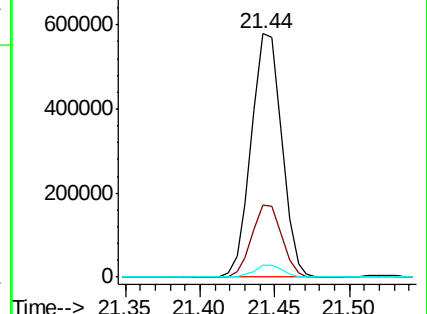
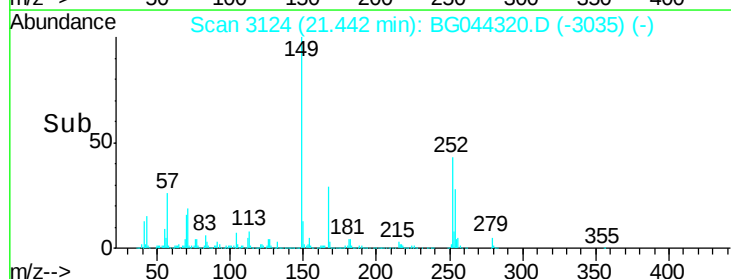
279 4.8 3.8 5.8

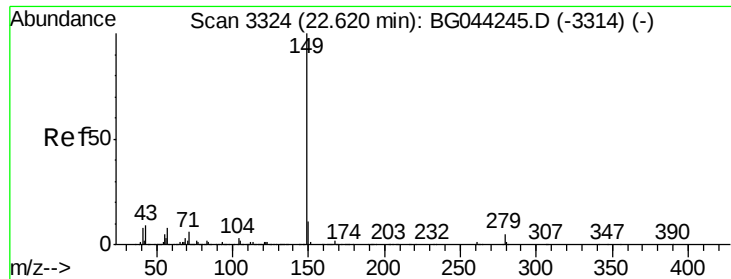


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.369 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

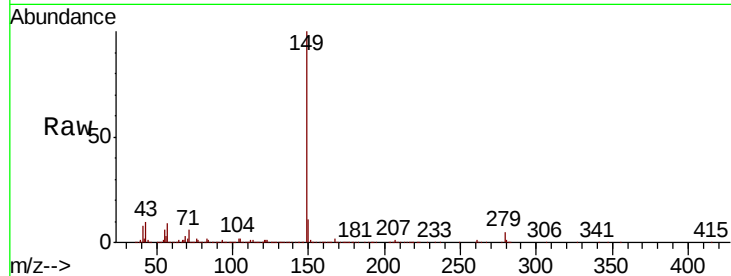
Tot Ion:149 Resp: 1417141

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

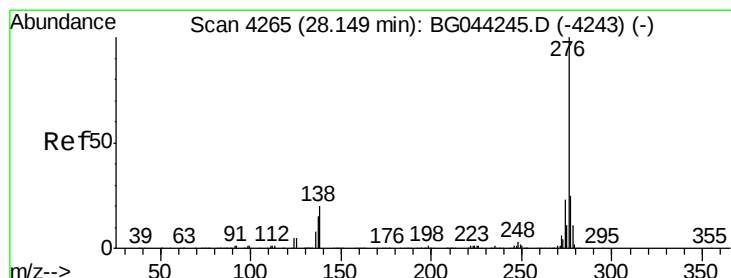
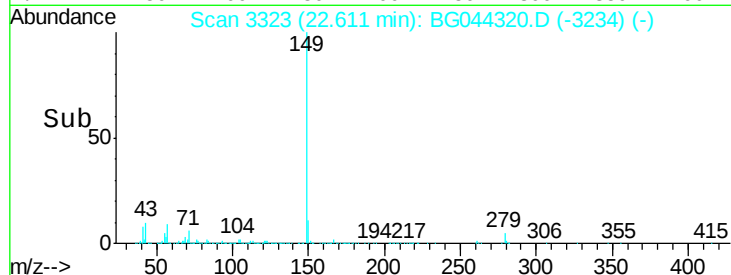
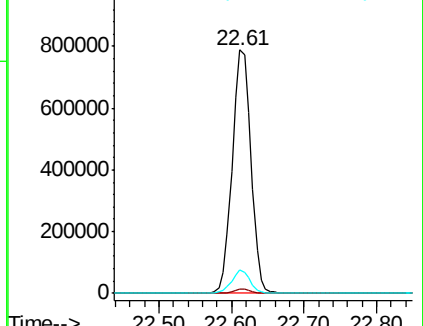
43 8.9 7.4 11.0



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: 35.473 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

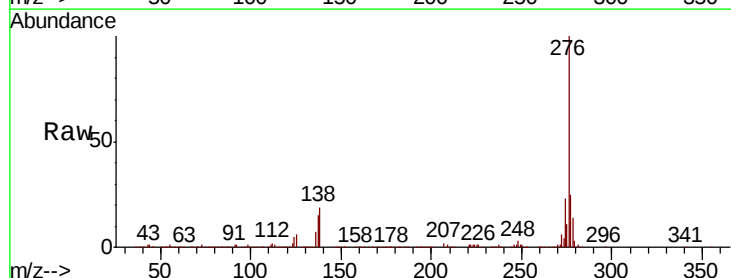
Tgt Ion:276 Resp: 1500109

Ion Ratio Lower Upper

276 100

138 16.1 19.4 29.0#

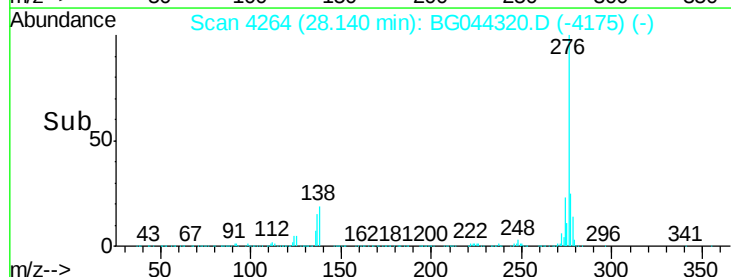
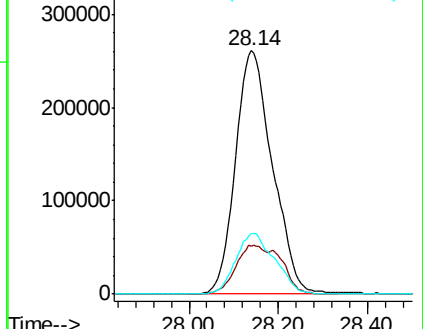
277 26.4 21.0 31.6

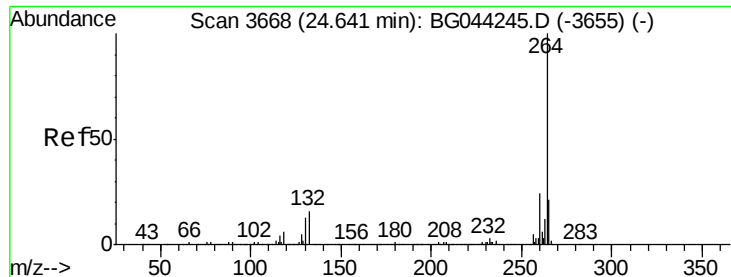


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

Instrument :

BNA_G

ClientSampleId :

PB126601BSD

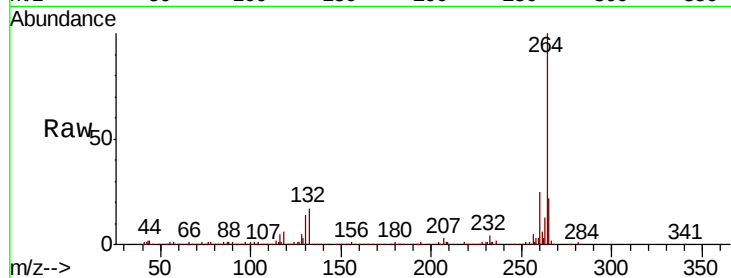
Tot Ion:264 Resp: 503586

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

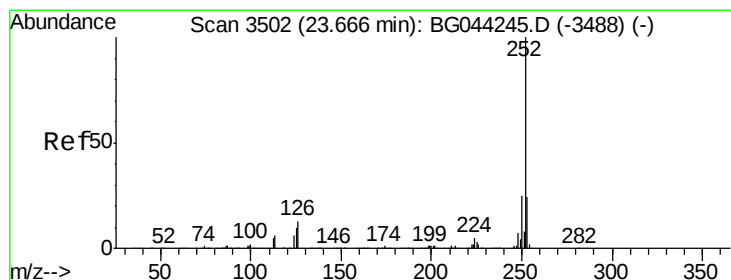
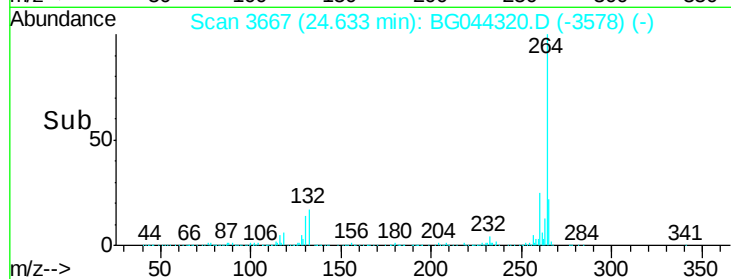
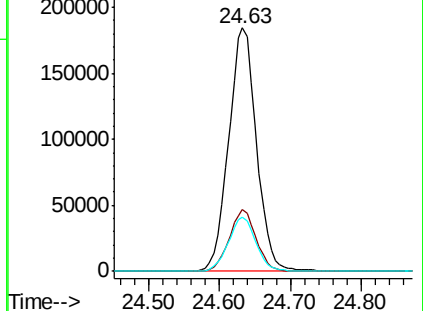
265 22.3 16.7 25.1



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: 44.295 ng

RT: 23.66 min Scan# 3501

Delta R.T. -0.01 min

Lab File: BG044320.D

Acq: 6 Feb 2020 13:18

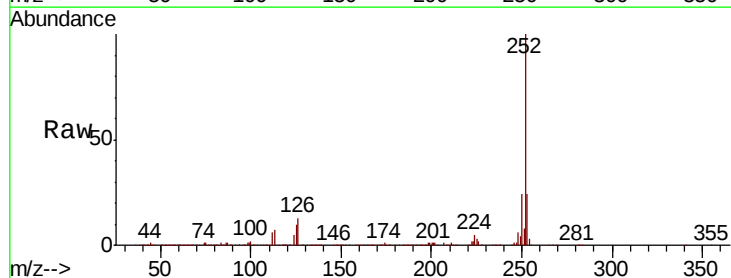
Tgt Ion:252 Resp: 1285366

Ion Ratio Lower Upper

252 100

253 24.3 19.2 28.8

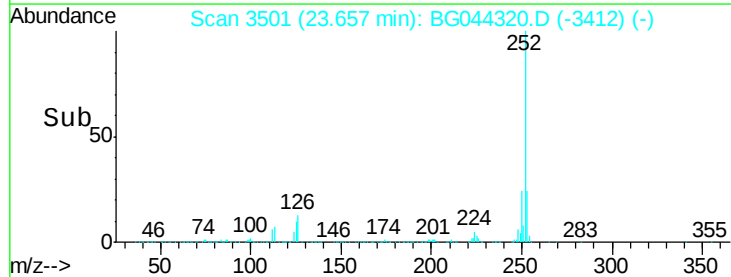
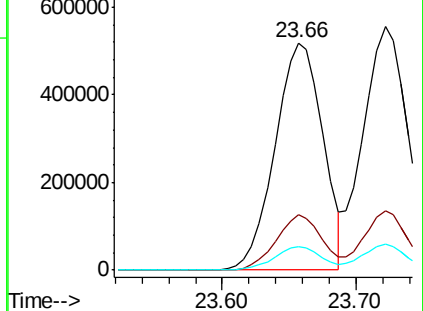
125 10.4 8.4 12.6

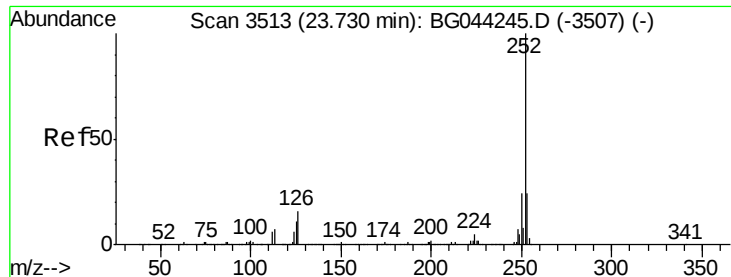


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

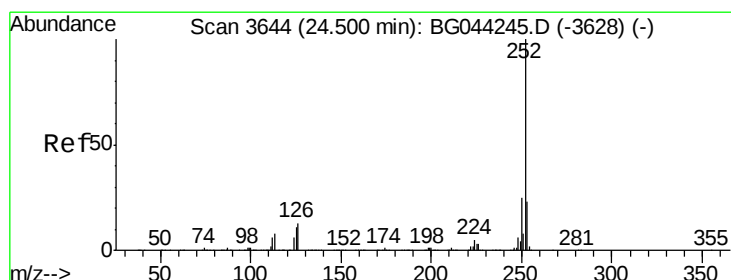
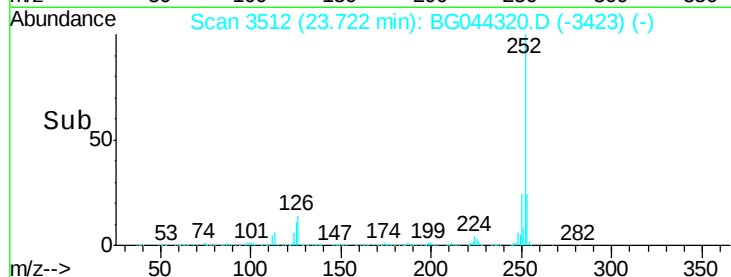
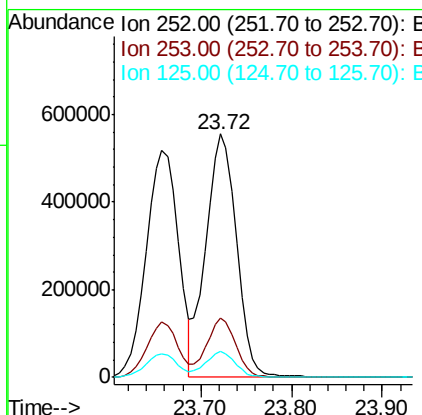
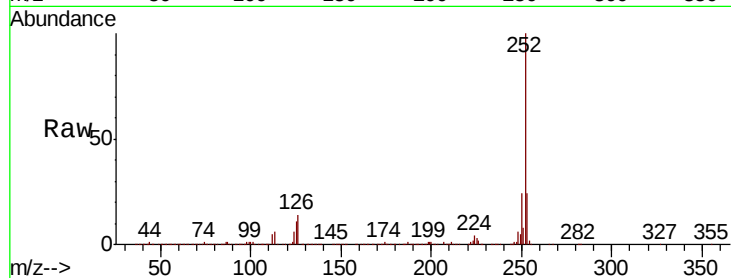




#89
Benzo(k)fluoranthene
Concen: 45.966 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

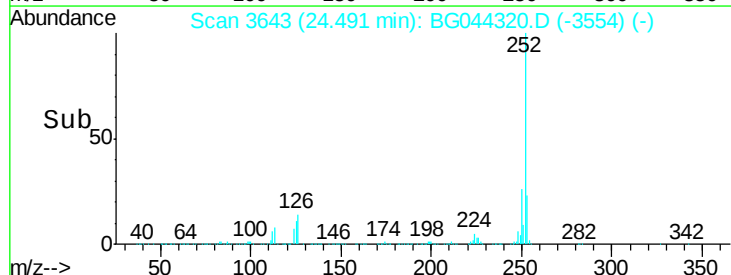
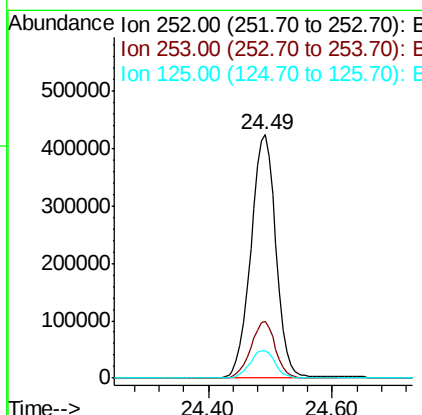
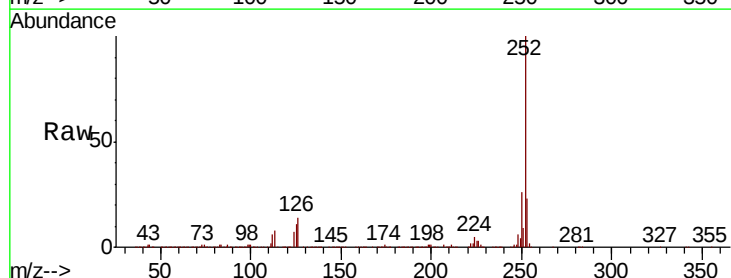
Instrument :
BNA_G
ClientSampleId :
PB126601BSD

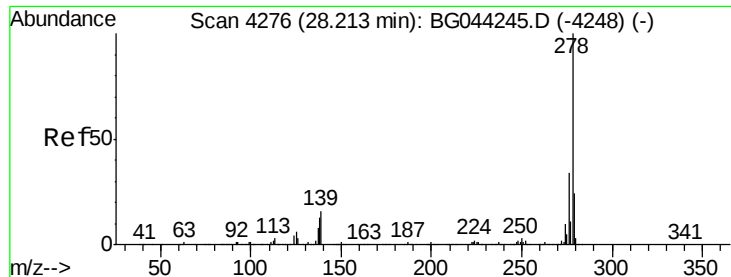
Tot Ion:252 Resp: 1300032
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.9 8.6 12.8



#90
Benzo(a)pyrene
Concen: 43.557 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:252 Resp: 1195046
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.2 8.6 13.0

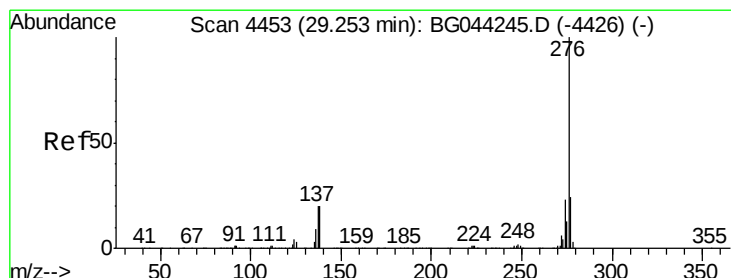
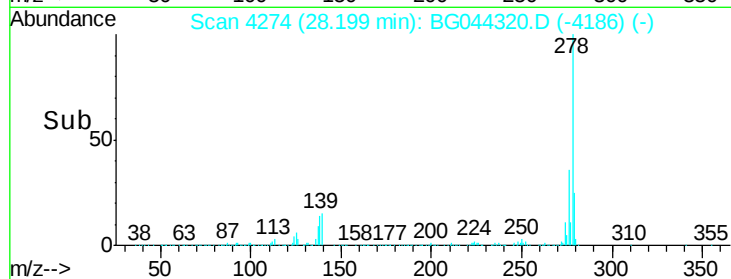
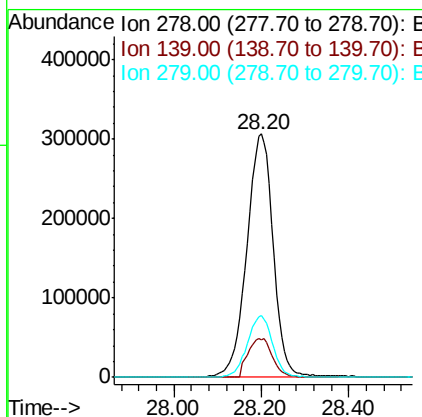
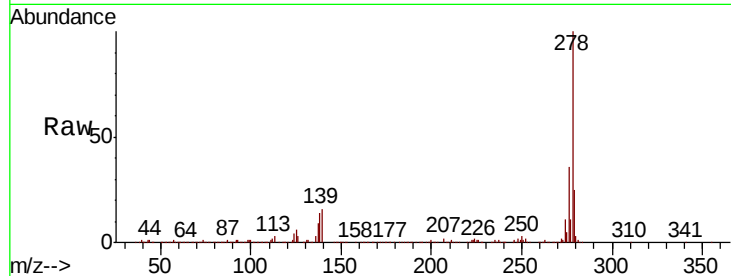




#91
Dibenzo(a,h)anthracene
Concen: 46.057 ng
RT: 28.20 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Instrument :
BNA_G
ClientSampleId :
PB126601BSD

Tot Ion:278 Resp: 1250579
Ion Ratio Lower Upper
278 100
139 15.5 12.7 19.1
279 25.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 46.784 ng
RT: 29.23 min Scan# 4449
Delta R.T. -0.03 min
Lab File: BG044320.D
Acq: 6 Feb 2020 13:18

Tgt Ion:276 Resp: 1271698
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 21.5 16.2 24.2

