

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044438.D
 Acq On : 14 Feb 2020 14:40
 Operator : CG/JU
 Sample : PB126818BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Quant Time: Feb 15 06:00:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	66239	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	287663	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192313	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	433742	20.00	ng	0.00
76) Chrysene-d12	21.52	240	427768	20.00	ng	-0.01
87) Perylene-d12	24.60	264	367520	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	453476	120.82	ng	0.00
7) Phenol-d6	7.07	99	602894	119.62	ng	0.00
23) Nitrobenzene-d5	9.05	82	322767	63.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	247615	109.68	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	764374	66.56	ng	0.00
79) Terphenyl-d14	19.90	244	1334634	64.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	54439	32.283	ng	99
3) Pyridine	3.75	79	128441	28.589	ng	99
4) n-Nitrosodimethylamine	3.66	42	65161	34.708	ng	91
6) Aniline	7.22	93	174071	27.825	ng	97
8) 2-Chlorophenol	7.46	128	178811	43.349	ng	98
9) Benzaldehyde	7.03	77	30390	10.587	ng	97
10) Phenol	7.10	94	217436	43.592	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	166491	39.042	ng	97
12) 1,3-Dichlorobenzene	7.79	146	179457	36.438	ng	98
13) 1,4-Dichlorobenzene	7.93	146	182473	37.408	ng	99
14) 1,2-Dichlorobenzene	8.25	146	175627	38.092	ng	97
15) Benzyl Alcohol	8.13	79	147596	41.364	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	219229	37.983	ng	97
17) 2-Methylphenol	8.35	107	153736	43.199	ng	97
18) Hexachloroethane	8.98	117	65653	35.867	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	128801	38.345	ng	98
20) 3+4-Methylphenols	8.68	107	208212	42.452	ng	97
22) Acetophenone	8.72	105	246268	35.191	ng	# 99
24) Nitrobenzene	9.09	77	184090	37.008	ng	99
25) Isophorone	9.62	82	363778	38.304	ng	100
26) 2-Nitrophenol	9.81	139	104800	40.603	ng	98
27) 2,4-Dimethylphenol	9.87	122	171055	46.948	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	227996	35.987	ng	99
29) 2,4-Dichlorophenol	10.35	162	179339	40.707	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	181690	35.966	ng	99
31) Naphthalene	10.74	128	535785	38.390	ng	100
32) Benzoic acid	10.03	122	79185	37.425	ng	92
33) 4-Chloroaniline	10.86	127	140482	22.132	ng	98
34) Hexachlorobutadiene	11.04	225	107084	34.450	ng	99
35) Caprolactam	11.61	113	33286	20.625	ng	95
36) 4-Chloro-3-methylphenol	11.99	107	189482	41.022	ng	99
37) 2-Methylnaphthalene	12.36	142	404294	39.016	ng	98
38) 1-Methylnaphthalene	12.58	142	381269	39.026	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	197940	34.408	ng	99

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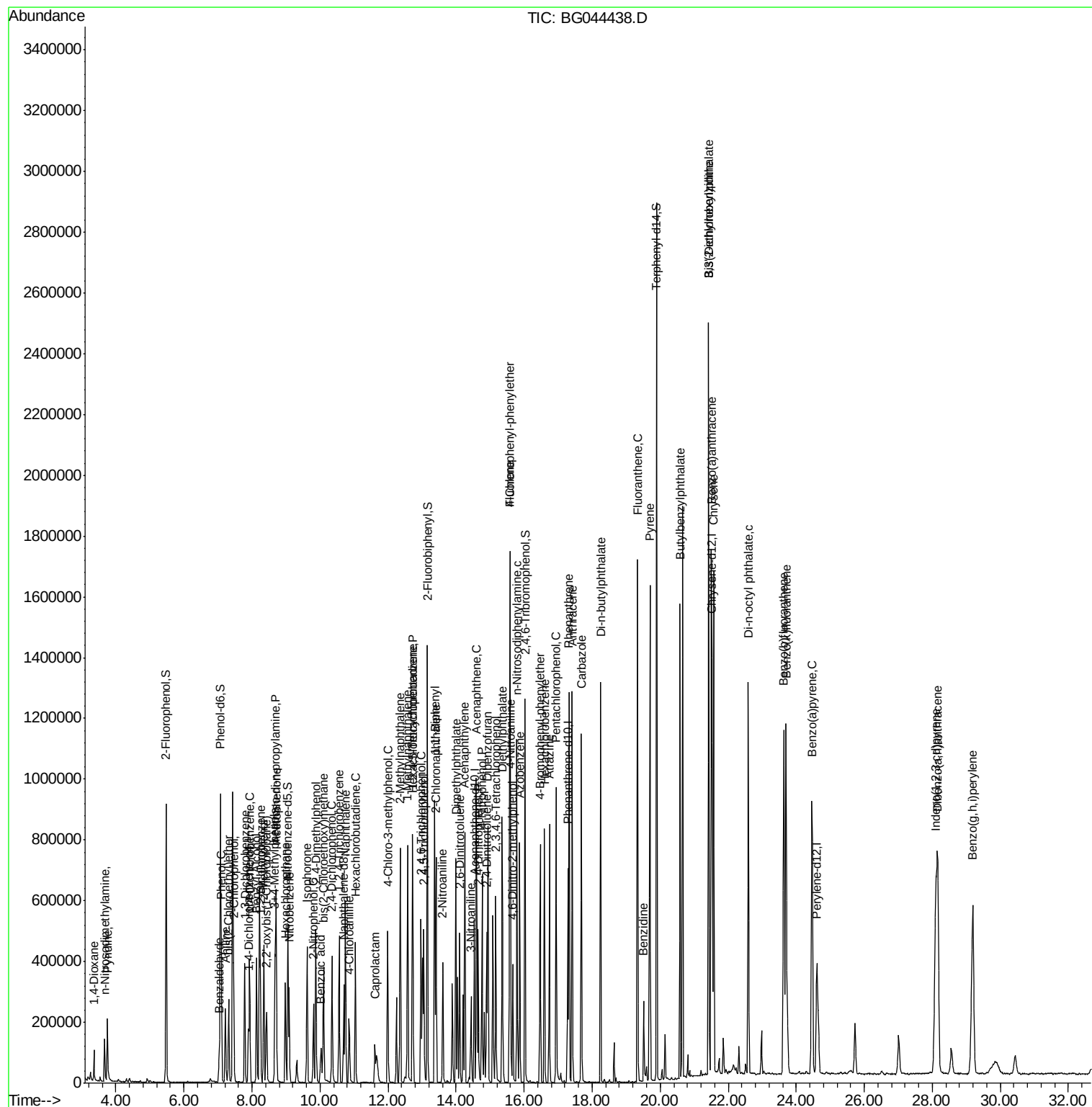
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	151060	54.725	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	141484	38.050	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	153470	40.408	ng	99
46) 1,1'-Biphenyl	13.37	154	508040	36.624	ng	99
47) 2-Chloronaphthalene	13.41	162	397895	36.046	ng	99
48) 2-Nitroaniline	13.61	65	115661	35.504	ng	96
49) Acenaphthylene	14.26	152	636478	39.312	ng	98
50) Dimethylphthalate	13.99	163	523471	37.867	ng	100
51) 2,6-Dinitrotoluene	14.10	165	118096	38.314	ng	98
52) Acenaphthene	14.60	154	386266	36.808	ng	98
53) 3-Nitroaniline	14.44	138	87050	25.527	ng	96
54) 2,4-Dinitrophenol	14.65	184	139528	76.739	ng	96
55) Dibenzofuran	14.94	168	611055	38.459	ng	97
56) 4-Nitrophenol	14.76	139	222389	89.030	ng	96
57) 2,4-Dinitrotoluene	14.90	165	167218	38.707	ng	96
58) Fluorene	15.58	166	483954	38.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	137177	39.987	ng	98
60) Diethylphthalate	15.36	149	526468	38.220	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	253338	37.336	ng	99
62) 4-Nitroaniline	15.60	138	121364	35.617	ng	97
63) Azobenzene	15.87	77	457487	37.895	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	107622	44.950	ng	95
66) n-Nitrosodiphenylamine	15.79	169	455964	37.511	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	167602	35.467	ng	98
68) Hexachlorobenzene	16.60	284	185245	34.990	ng	97
69) Atrazine	16.74	200	168853	40.529	ng	98
70) Pentachlorophenol	16.94	266	195932	73.453	ng	99
71) Phenanthrene	17.32	178	811124	38.619	ng	98
72) Anthracene	17.41	178	817325	39.360	ng	98
73) Carbazole	17.68	167	779317	40.710	ng	99
74) Di-n-butylphthalate	18.25	149	982439	41.530	ng	99
75) Fluoranthene	19.33	202	1033911	42.553	ng	99
77) Benzidine	19.52	184	211642	17.837	ng	98
78) Pyrene	19.70	202	1050520	38.240	ng	98
80) Butylbenzylphthalate	20.58	149	467792	37.367	ng	99
81) Benzo(a)anthracene	21.51	228	1012533	38.406	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	355028	34.698	ng	99
83) Chrysene	21.57	228	975781	38.291	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	654623	37.990	ng	99
85) Di-n-octyl phthalate	22.59	149	1159908	38.905	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1212838	36.480	ng	100
88) Benzo(b)fluoranthene	23.63	252	1046001	49.391	ng	99
89) Benzo(k)fluoranthene	23.70	252	1057032	51.211	ng	99
90) Benzo(a)pyrene	24.46	252	967262	48.307	ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1020995	51.522	ng	98
92) Benzo(g,h,i)perylene	29.19	276	1028814	51.862	ng	99

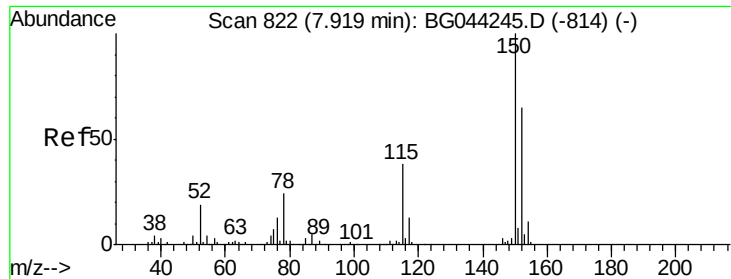
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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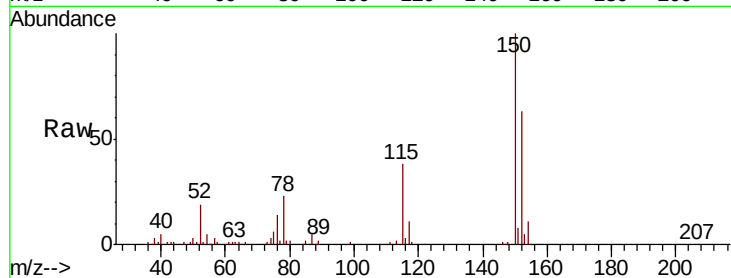


#1

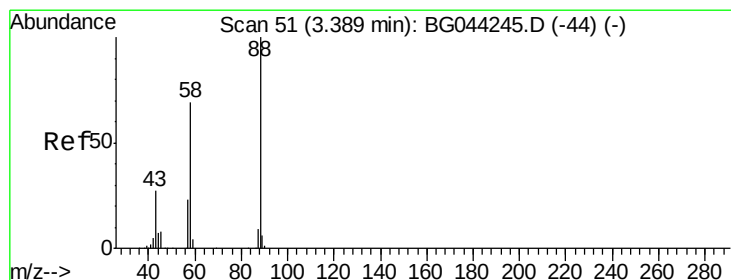
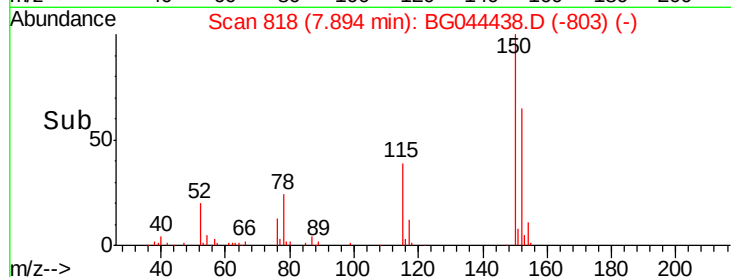
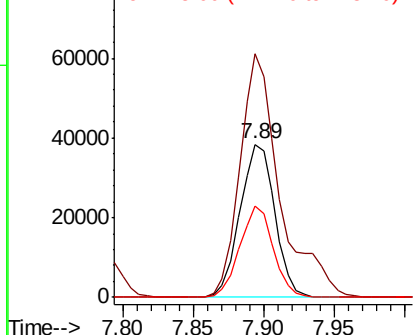
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:152 Resp: 66239
Ion Ratio Lower Upper
152 100
150 158.9 122.6 183.8
115 59.7 46.0 69.0



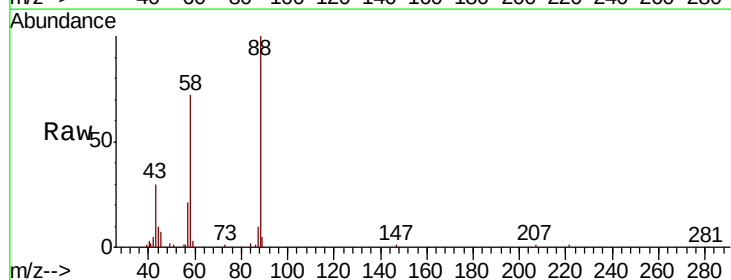
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



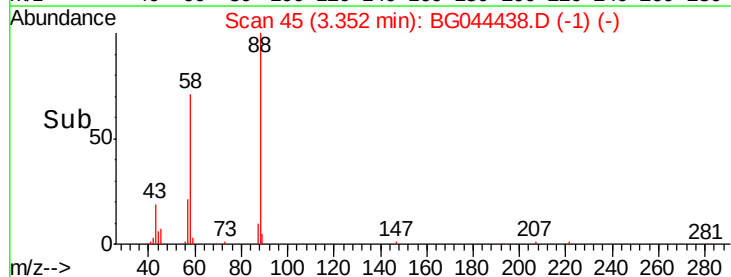
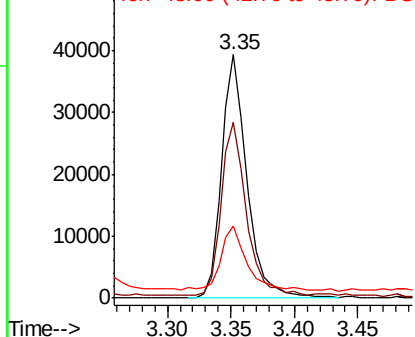
#2

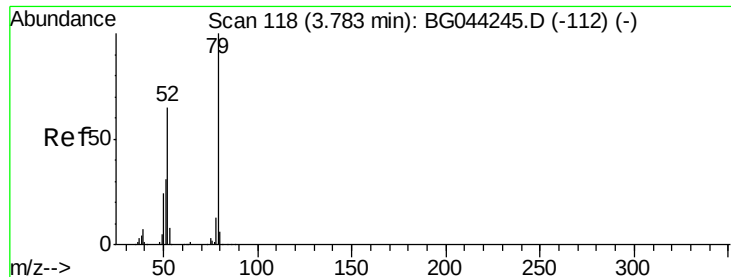
1,4-Dioxane
Concen: 32.283 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion: 88 Resp: 54439
Ion Ratio Lower Upper
88 100
58 70.7 55.8 83.6
43 27.3 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: 28.589 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

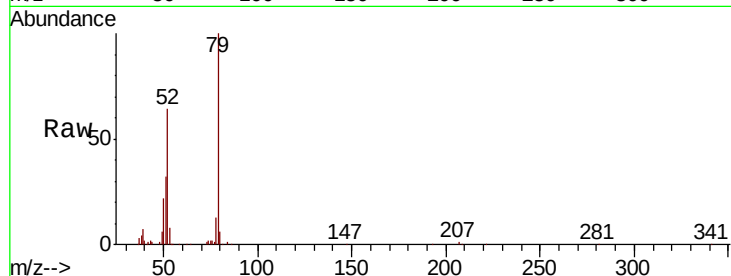
Tot Ion: 79 Resp: 128441

Ion Ratio Lower Upper

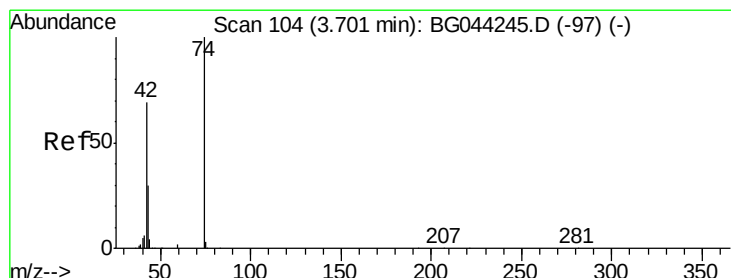
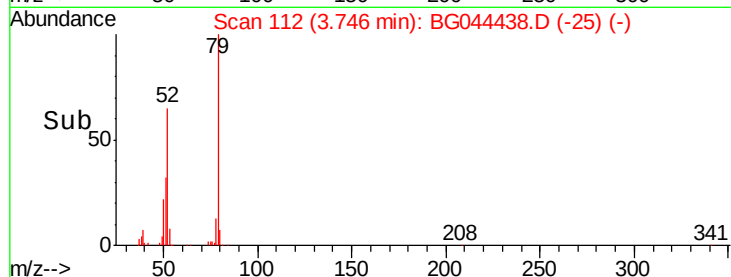
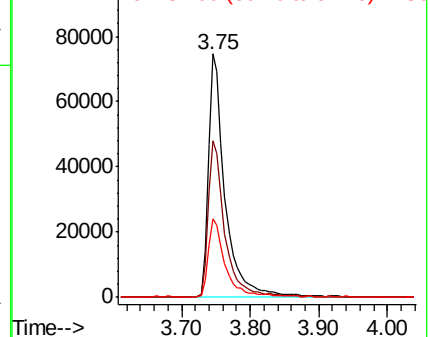
79 100

52 64.5 51.9 77.9

51 32.3 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: 34.708 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

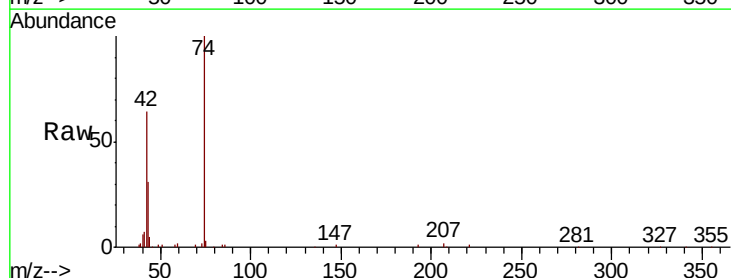
Tgt Ion: 42 Resp: 65161

Ion Ratio Lower Upper

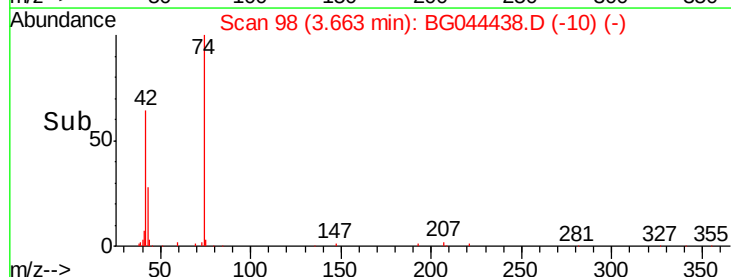
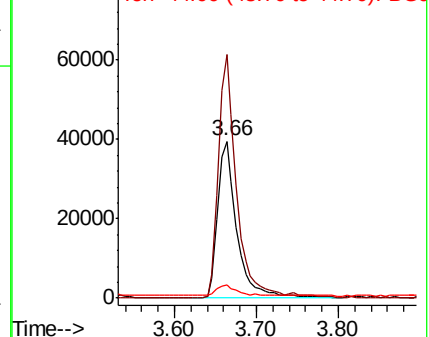
42 100

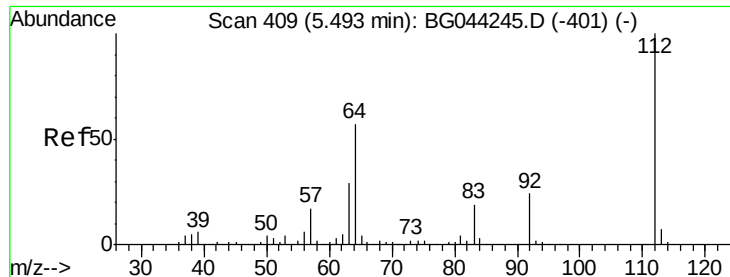
74 155.5 115.1 172.7

44 8.3 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: 120.822 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

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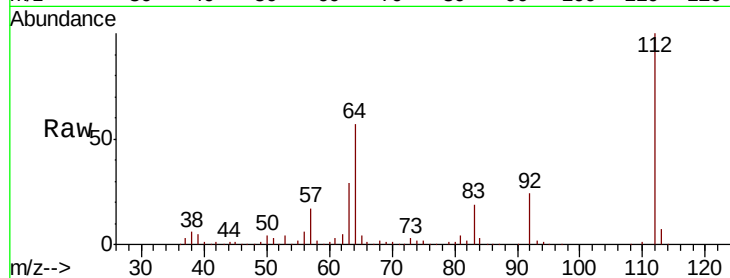
Tot Ion:112 Resp: 453476

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

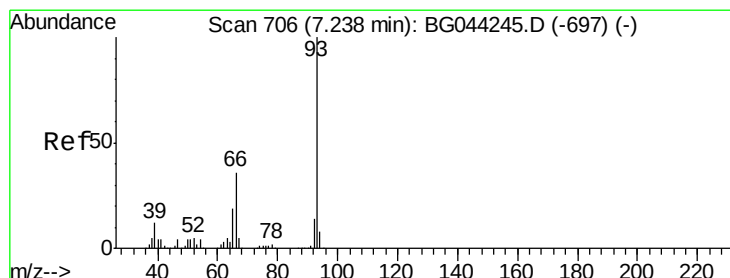
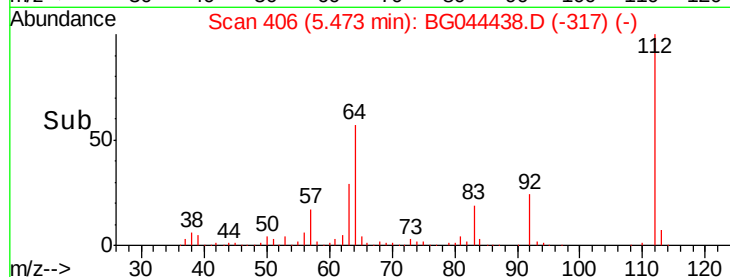
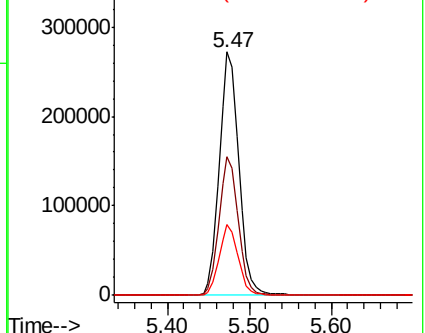
63 29.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.825 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG044438.D

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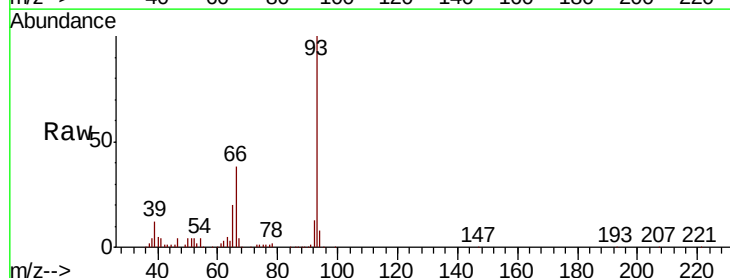
Tgt Ion: 93 Resp: 174071

Ion Ratio Lower Upper

93 100

66 37.8 28.7 43.1

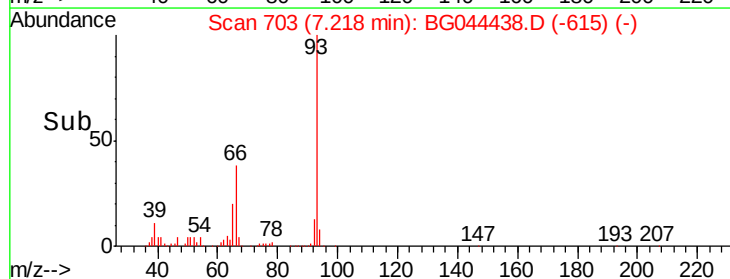
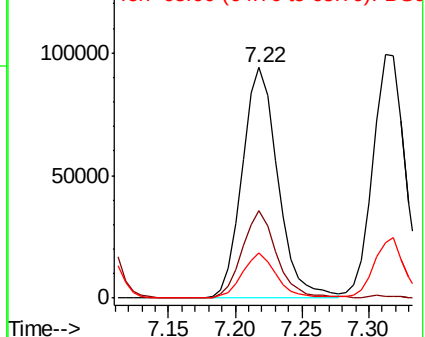
65 19.8 15.4 23.0

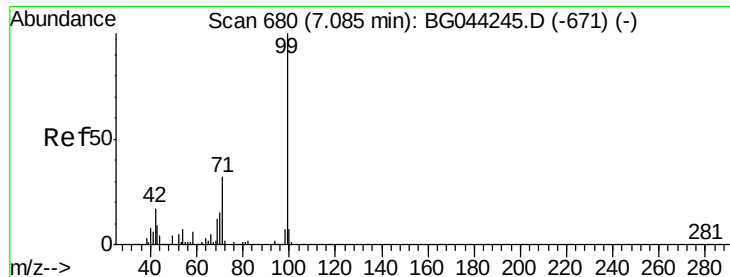


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.621 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

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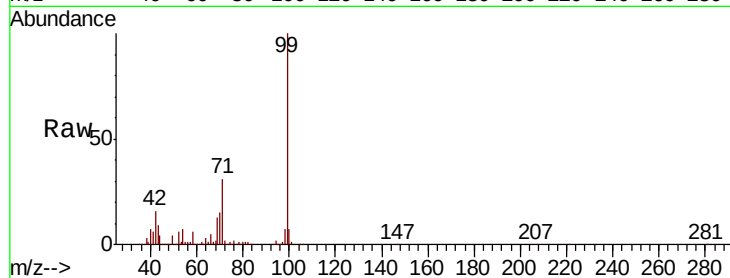
Tot Ion: 99 Resp: 602894

Ion Ratio Lower Upper

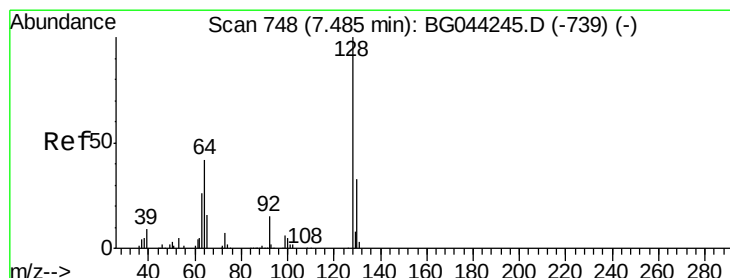
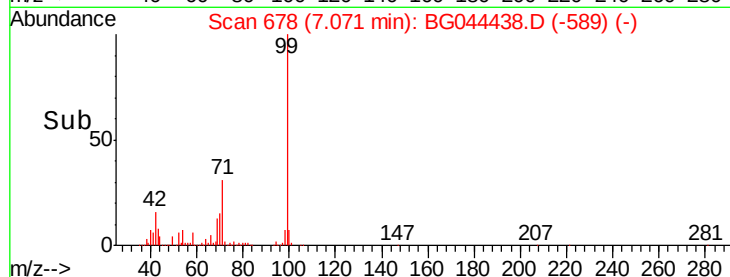
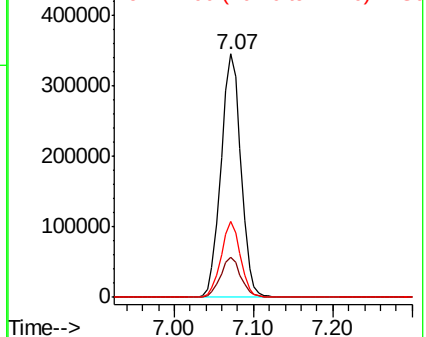
99 100

42 16.4 13.8 20.6

71 31.3 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: 43.349 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

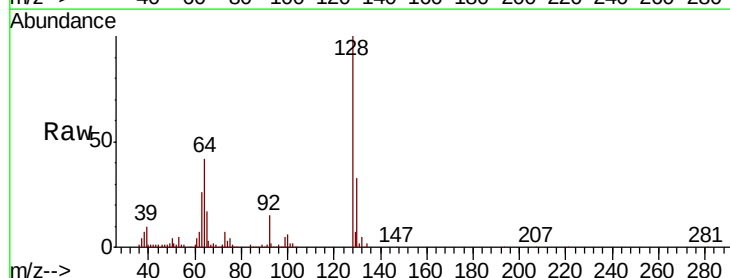
Tgt Ion: 128 Resp: 178811

Ion Ratio Lower Upper

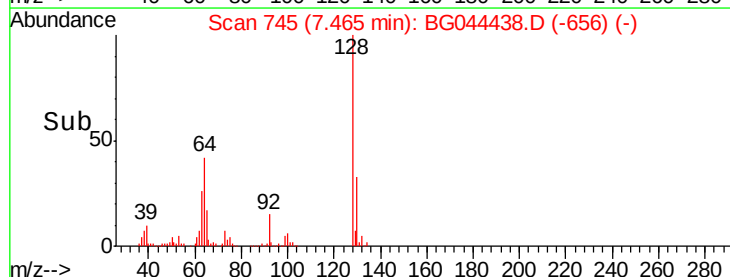
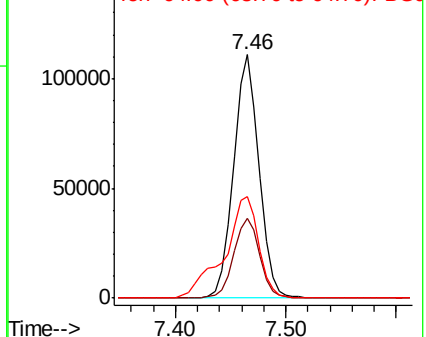
128 100

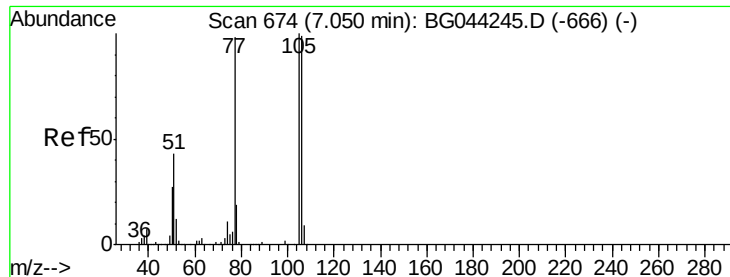
130 32.6 12.5 52.5

64 41.7 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: 10.587 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

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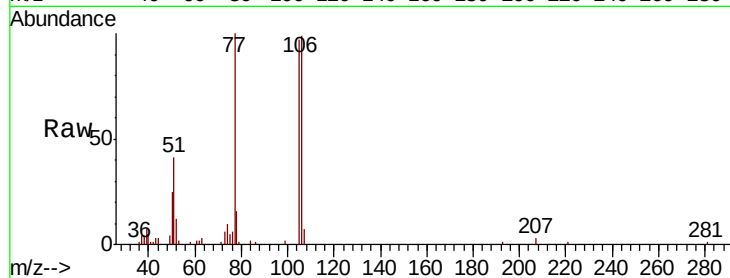
Tot Ion: 77 Resp: 30390

Ion Ratio Lower Upper

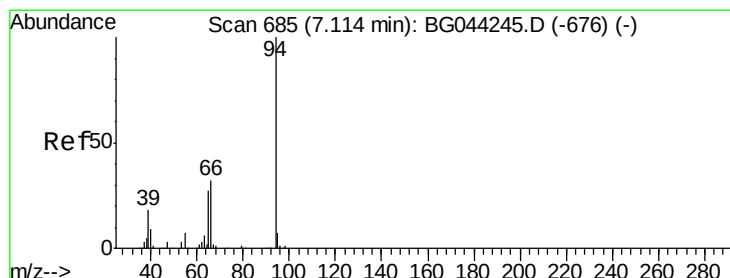
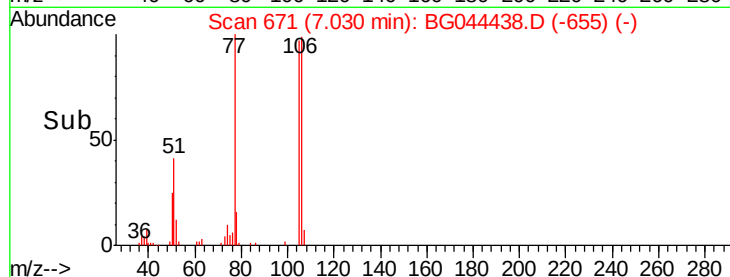
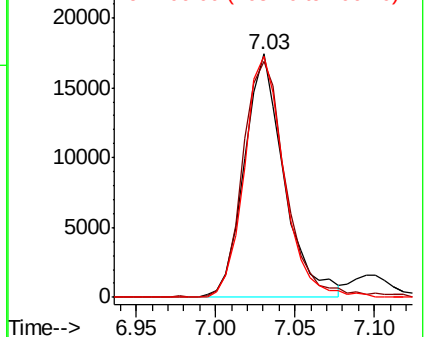
77 100

105 97.1 82.0 122.0

106 98.9 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.592 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

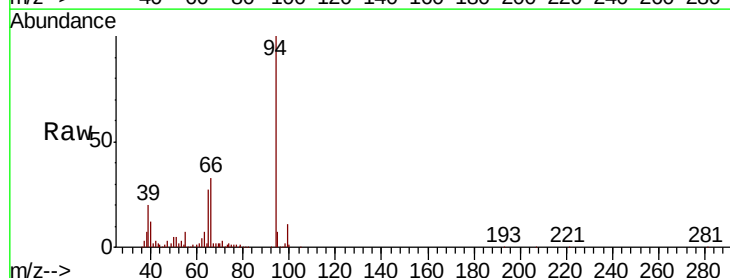
Tgt Ion: 94 Resp: 217436

Ion Ratio Lower Upper

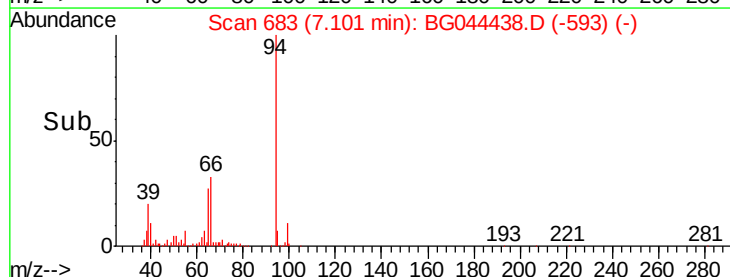
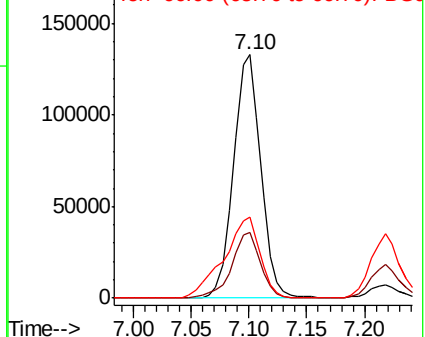
94 100

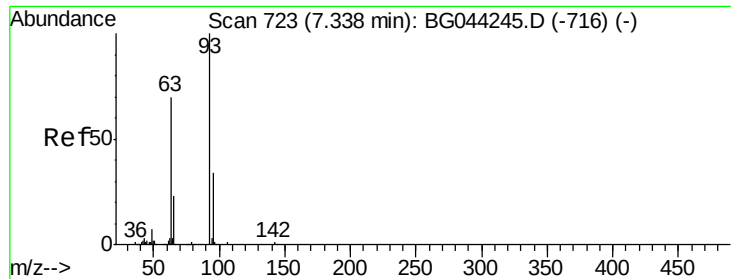
65 26.9 7.0 47.0

66 33.4 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

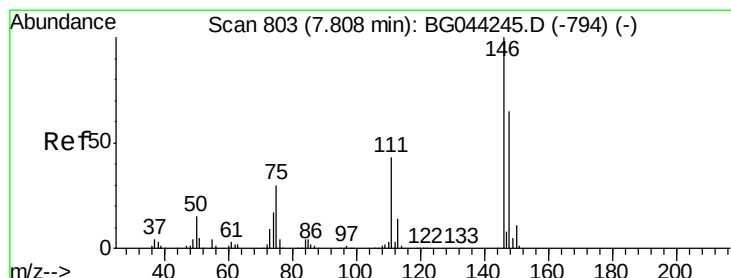
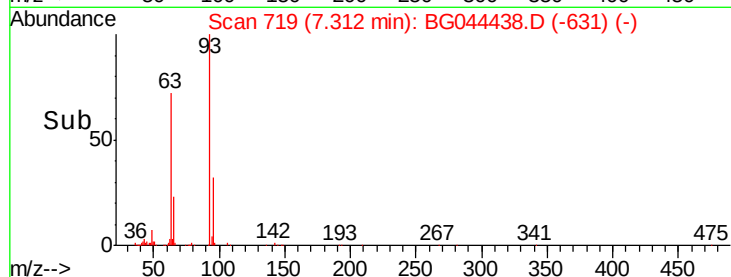
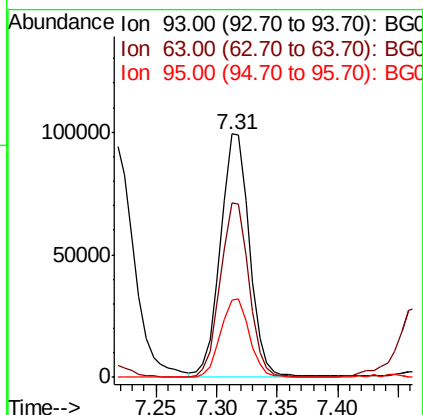
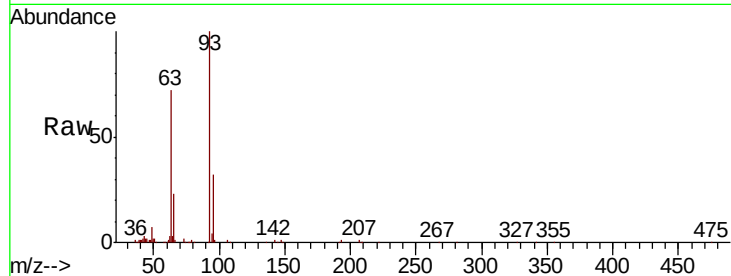




#11
bis(2-Chloroethyl)ether
Concen: 39.042 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

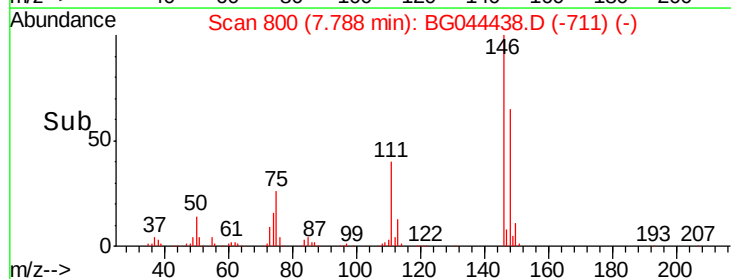
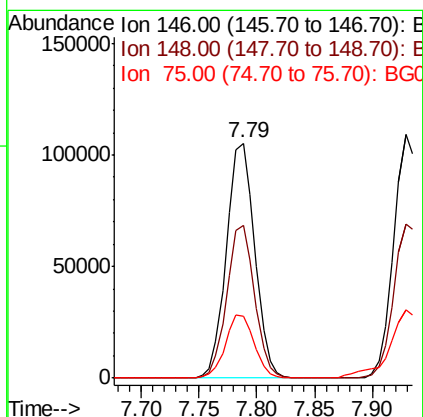
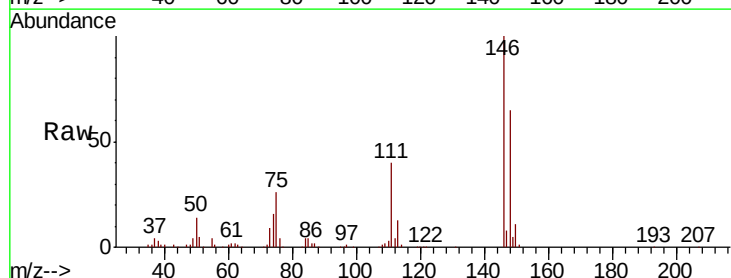
Instrument :
BNA_G
ClientSampleId :
PB126818BS

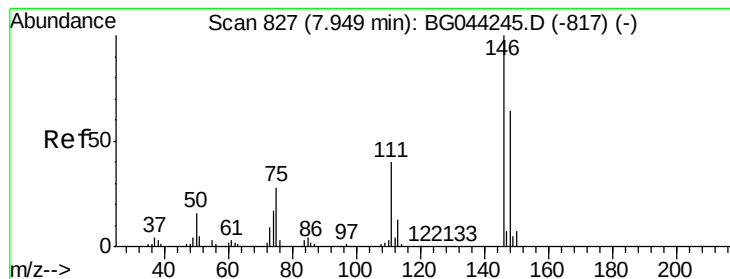
Tot Ion: 93 Resp: 166491
Ion Ratio Lower Upper
93 100
63 71.8 49.2 89.2
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.438 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion: 146 Resp: 179457
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 26.4 23.7 35.5





#13

1,4-Dichlorobenzene

Concen: 37.408 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

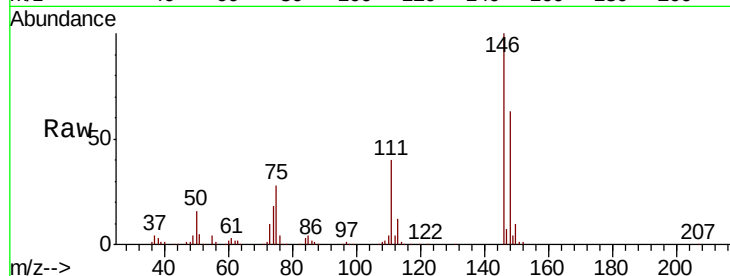
Tot Ion:146 Resp: 182473

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

111 40.0 31.8 47.8

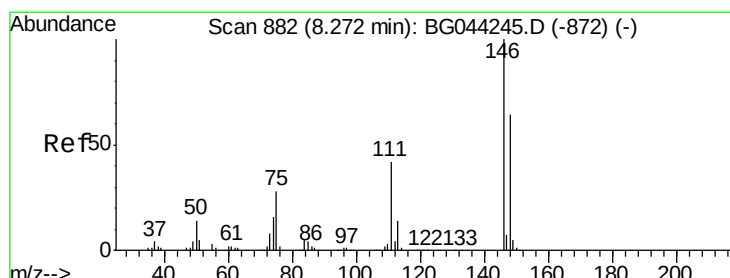
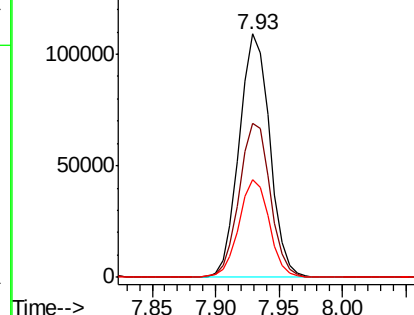
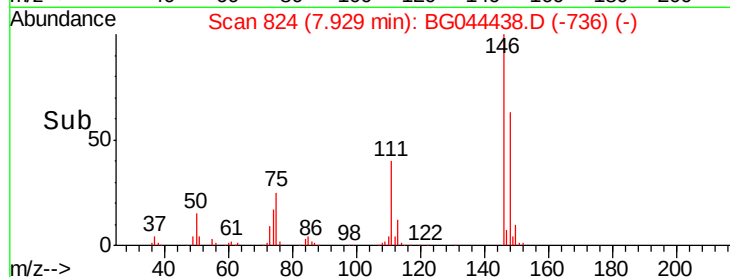


Abundance

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: 38.092 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

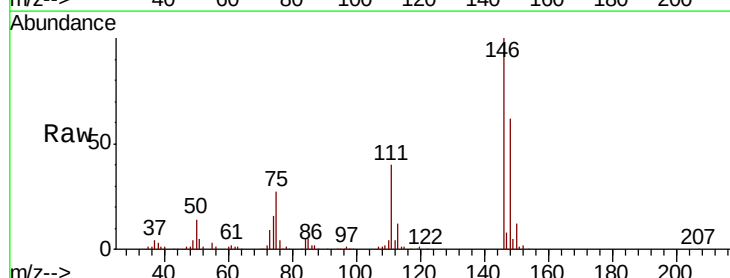
Tgt Ion:146 Resp: 175627

Ion Ratio Lower Upper

146 100

148 61.9 51.2 76.8

111 39.7 34.0 51.0

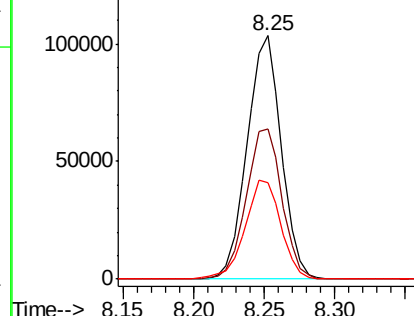
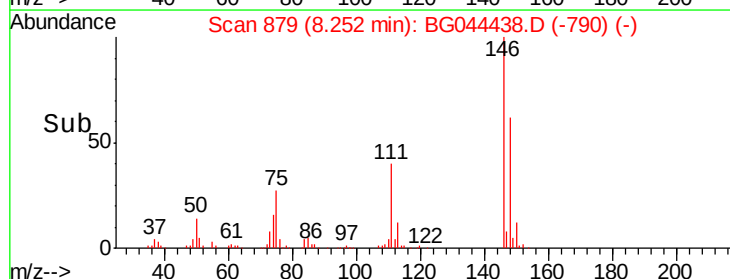


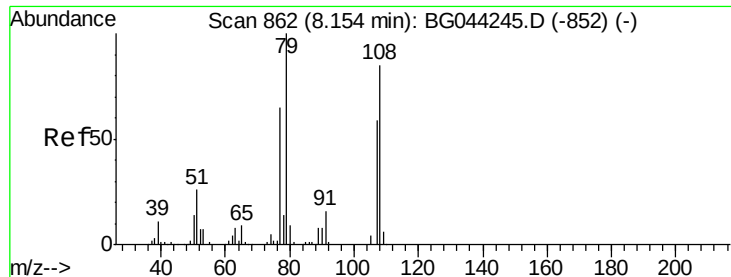
Abundance

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: 41.364 ng

RT: 8.13 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

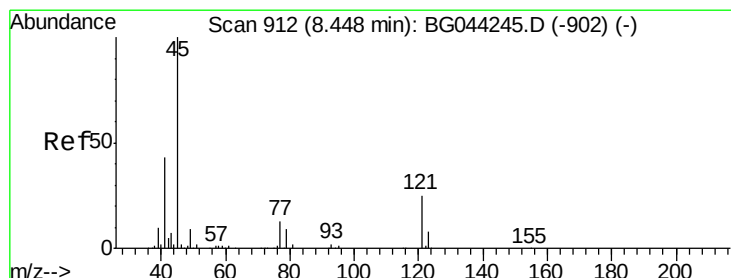
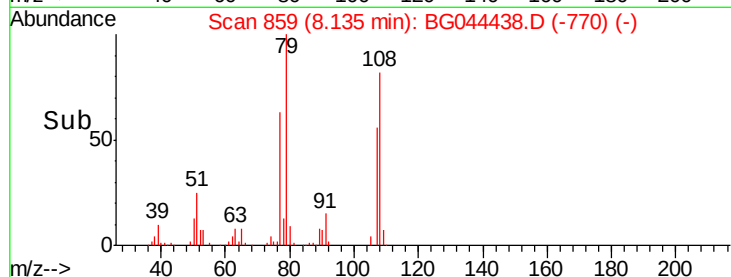
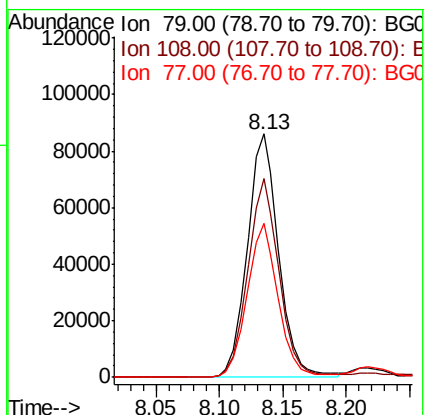
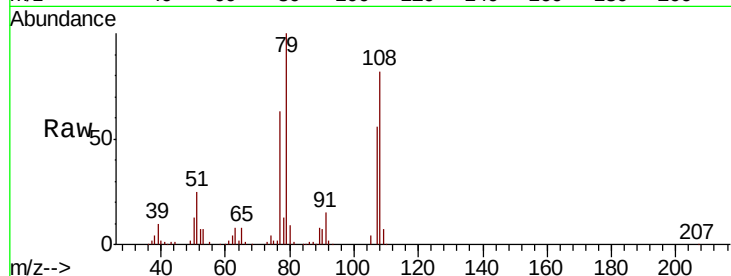
Tot Ion: 79 Resp: 147596

Ion Ratio Lower Upper

79 100

108 81.9 68.3 102.5

77 63.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.983 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

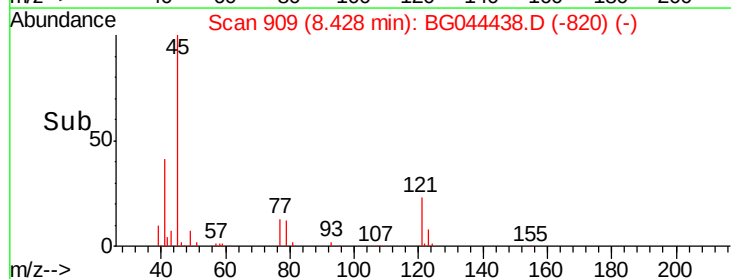
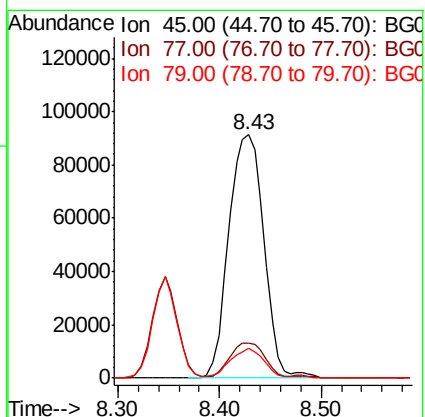
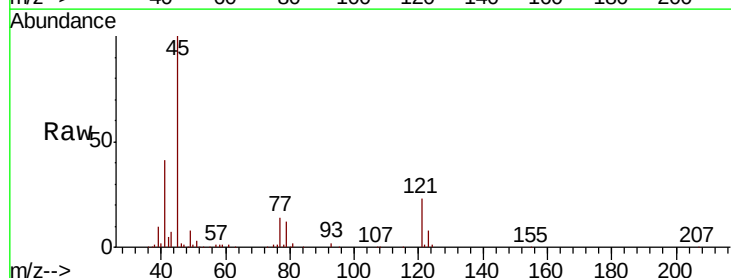
Tgt Ion: 45 Resp: 219229

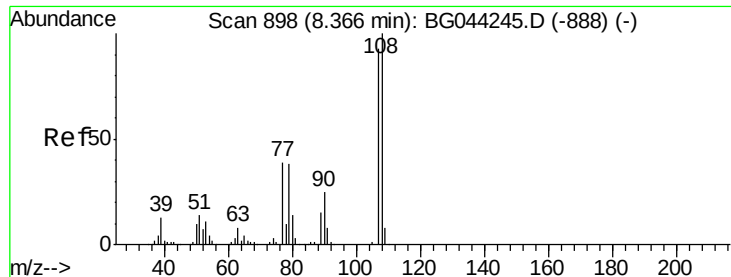
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.2

79 12.3 0.0 31.1

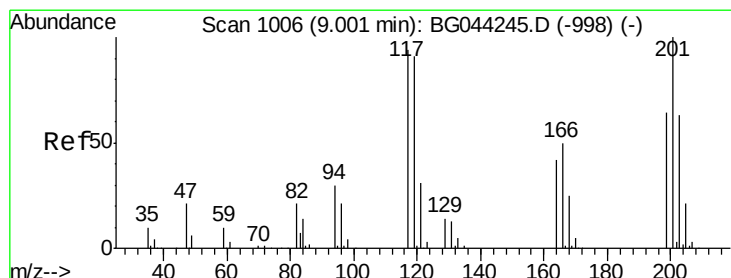
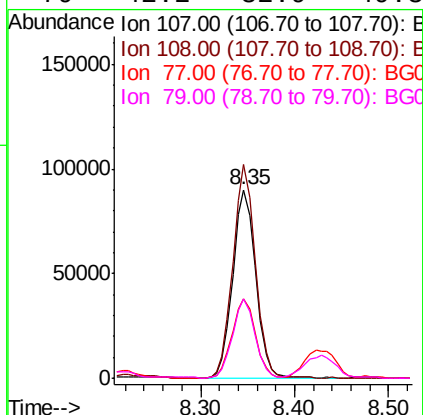
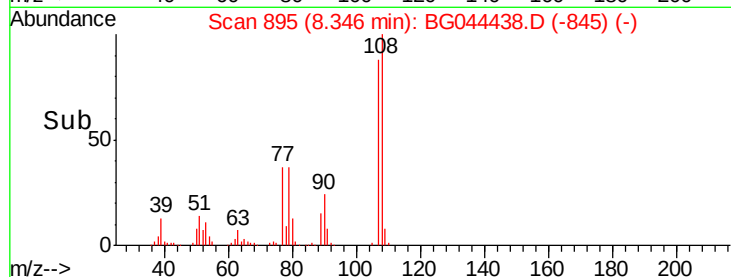
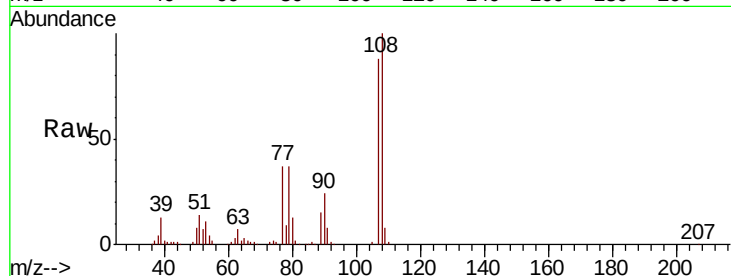




#17
2-Methylphenol
Concen: 43.199 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

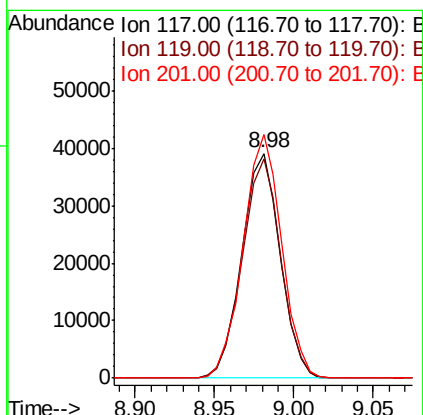
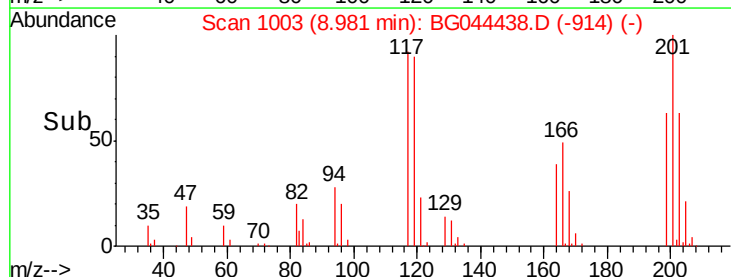
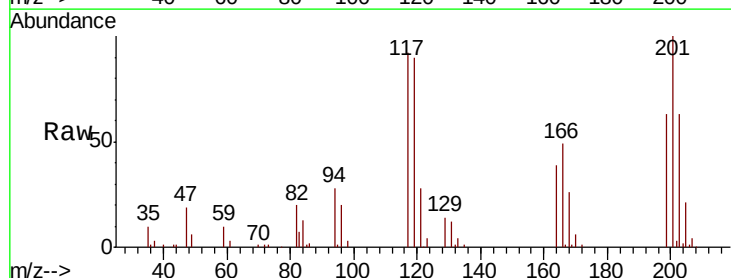
Instrument :
BNA_G
ClientSampleId :
PB126818BS

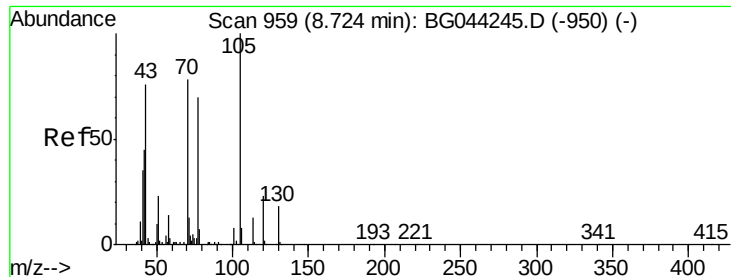
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	86.4	129.6
77	42.3	34.0	51.0
79	42.2	32.9	49.3



#18
Hexachloroethane
Concen: 35.867 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.5	116.3
201	108.2	84.9	127.3

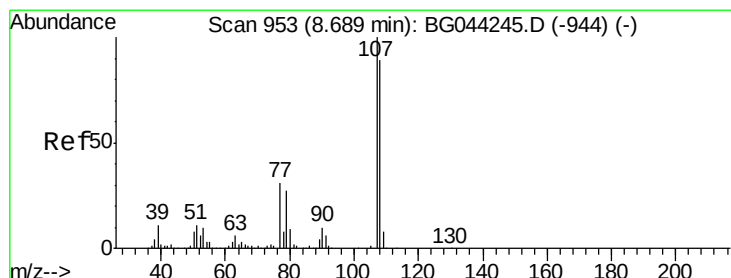
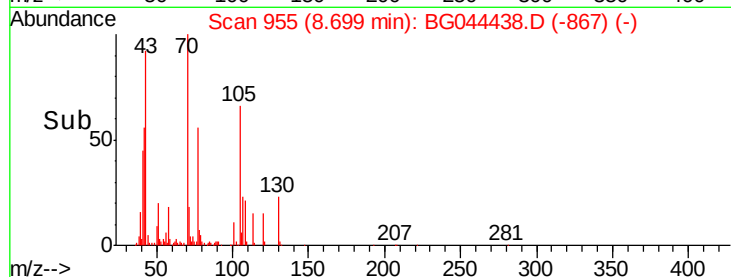
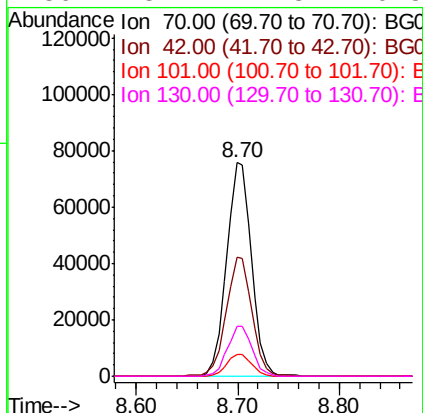
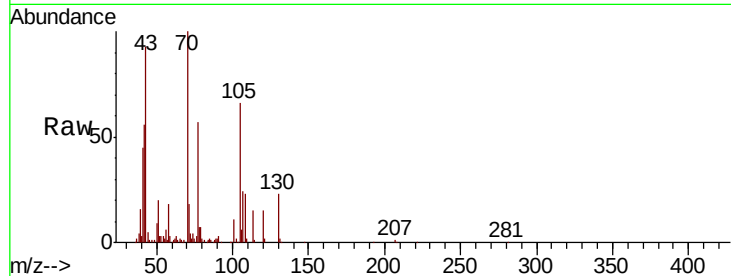




#19
n-Nitroso-di-n-propylamine
Concen: 38.345 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

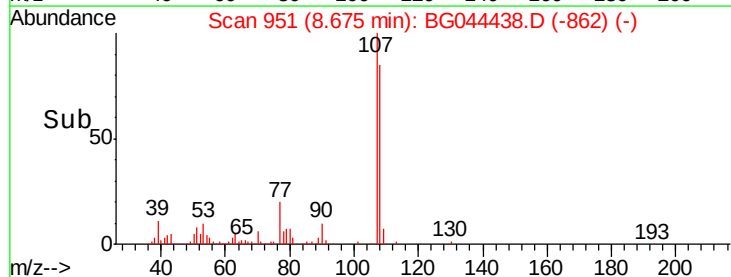
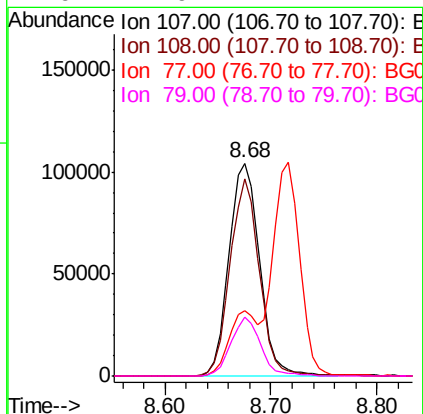
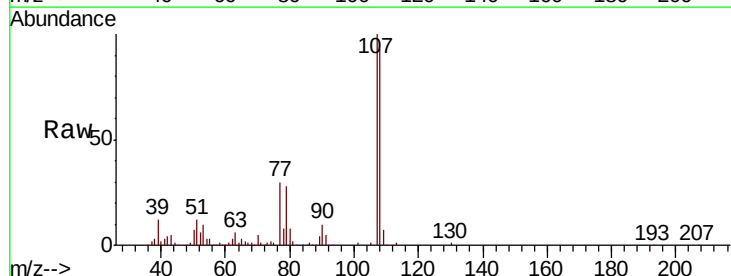
Instrument :
BNA_G
ClientSampleId :
PB126818BS

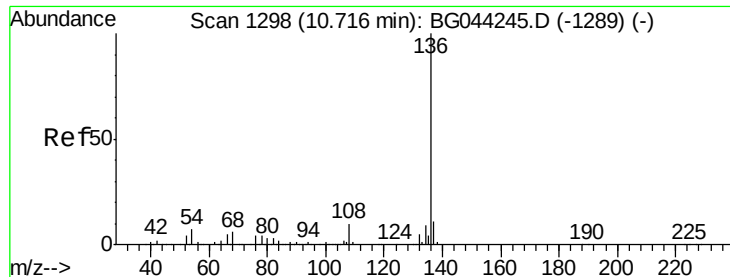
Tot Ion:	70	Resp:	128801
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.2	69.2
101	10.5	8.4	12.6
130	23.4	17.8	26.8



#20
3+4-Methylphenols
Concen: 42.452 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:	107	Resp:	208212
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.5	108.5
77	30.4	10.9	50.9
79	27.9	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

Tot Ion:136 Resp: 287663

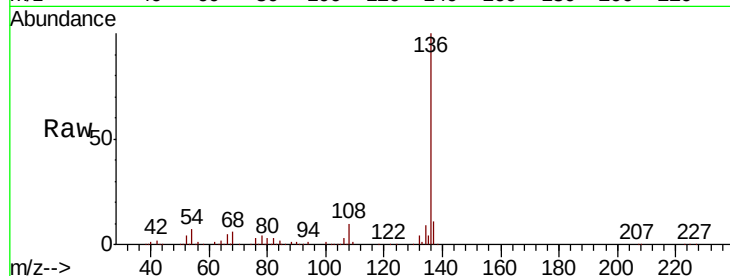
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.2 5.8 8.8

68 5.7 4.6 6.8

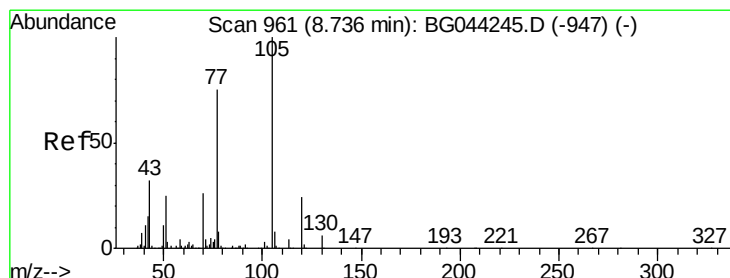
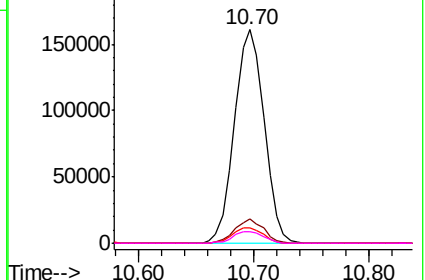
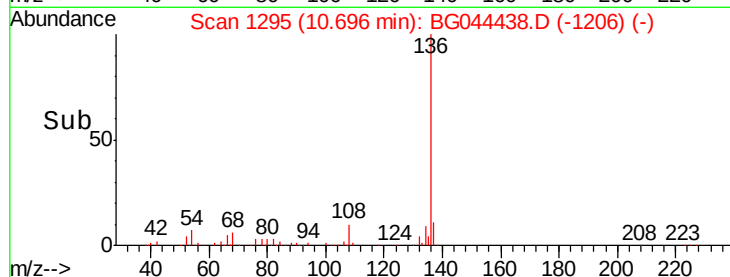


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.191 ng

RT: 8.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:105 Resp: 246268

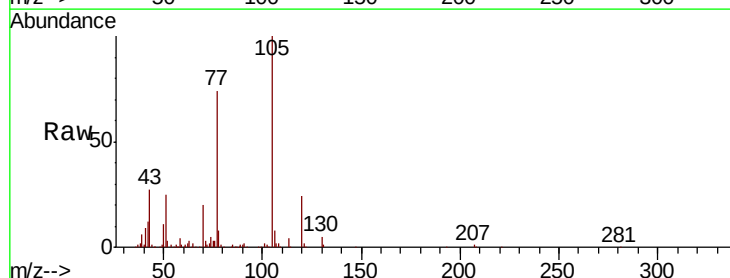
Ion Ratio Lower Upper

105 100

71 3.3 3.4 5.0#

51 25.0 20.2 30.4

120 24.0 19.1 28.7

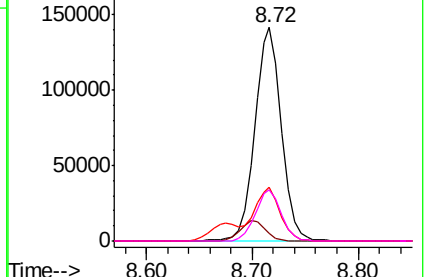
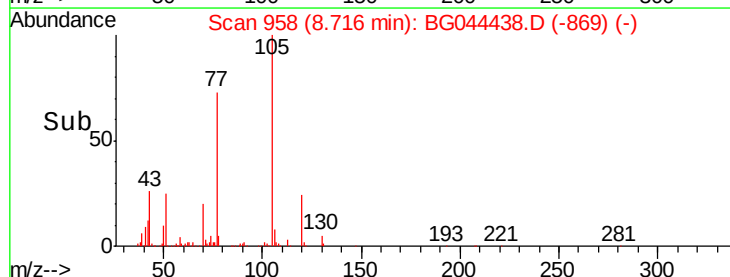


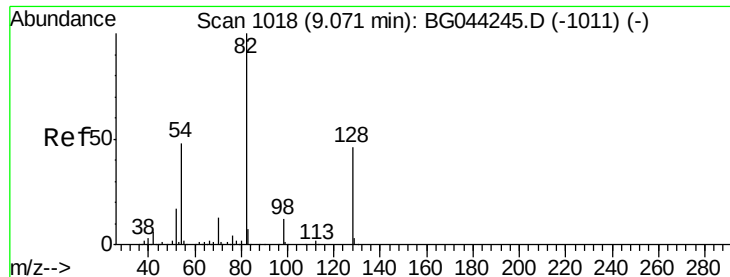
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

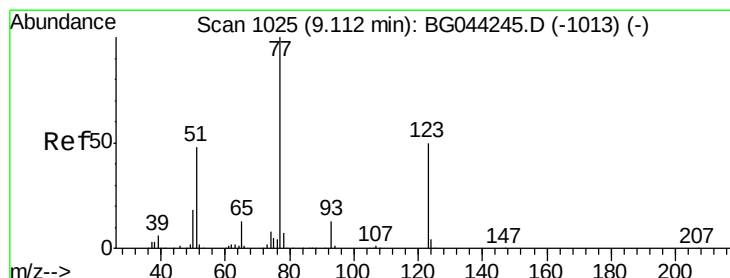
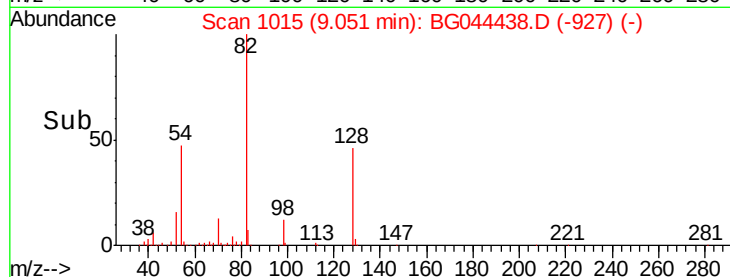
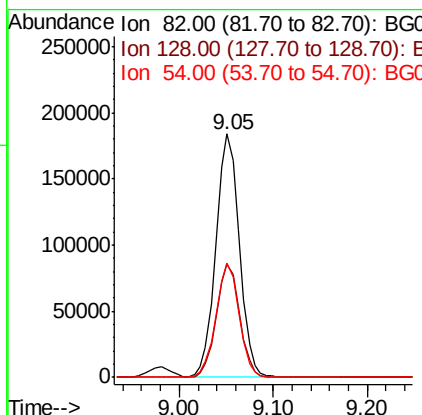
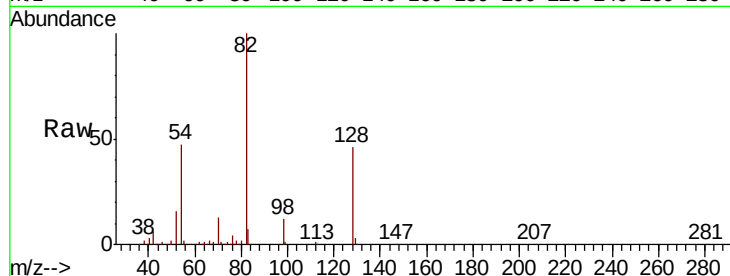




#23
 Nitrobenzene-d5
 Concen: 63.346 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

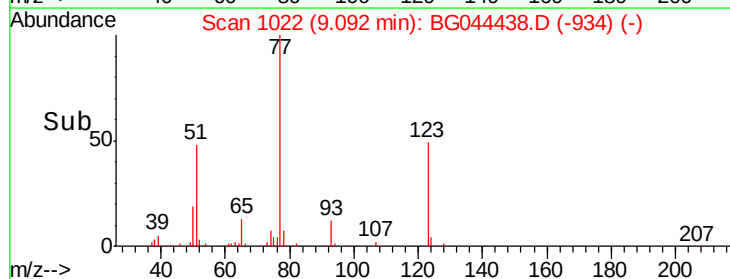
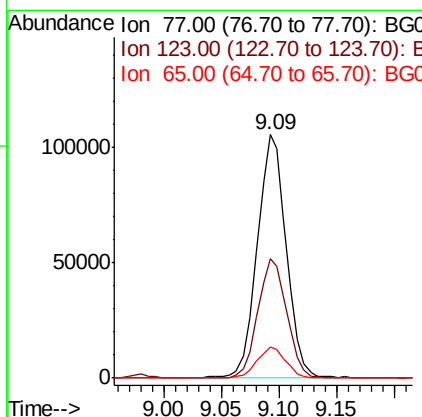
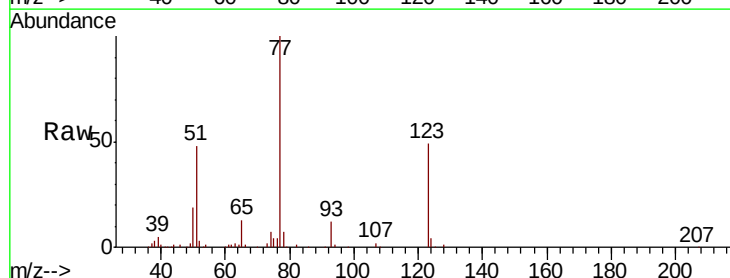
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

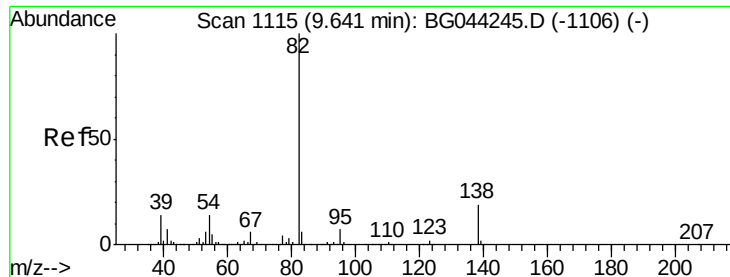
Tot Ion	82	Resp	322767
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 37.008 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	77	Resp	184090
Ion Ratio	Lower	Upper	
77	100		
123	49.0	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 38.304 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

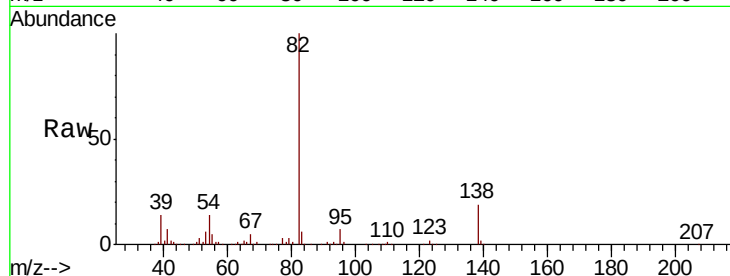
Tot Ion: 82 Resp: 363778

Ion Ratio Lower Upper

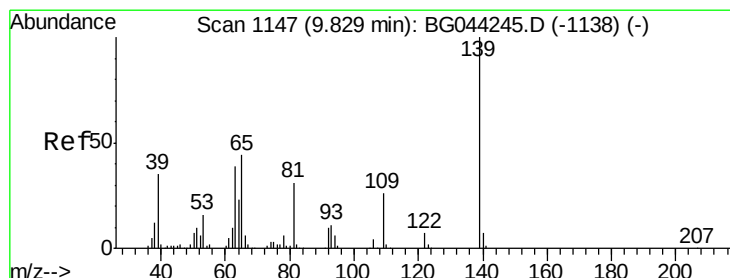
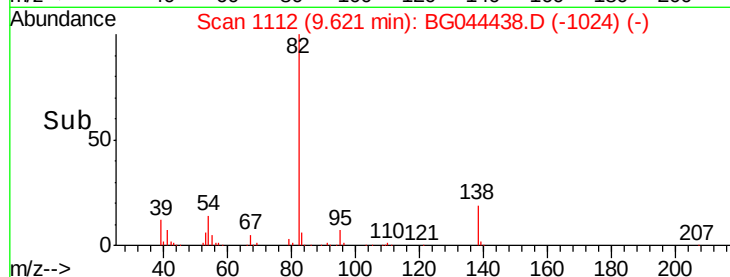
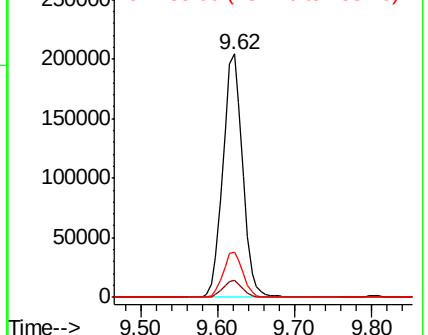
82 100

95 7.0 5.7 8.5

138 18.8 15.0 22.4



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



#26

2-Nitrophenol

Concen: 40.603 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

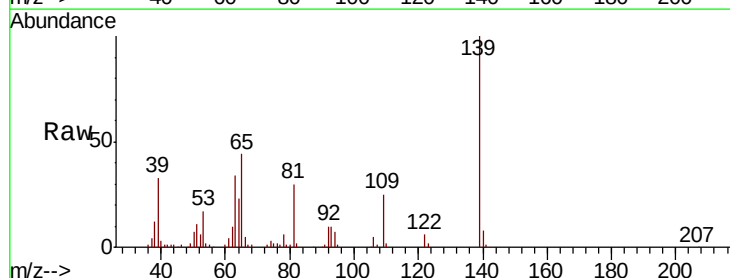
Tgt Ion: 139 Resp: 104800

Ion Ratio Lower Upper

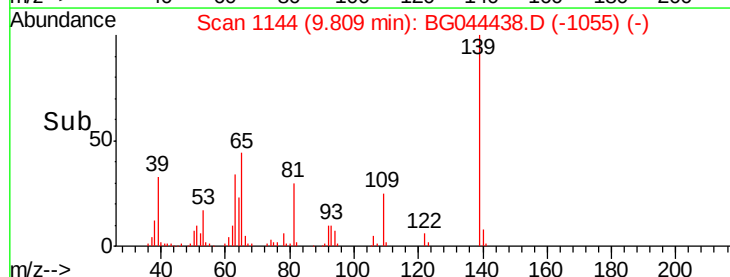
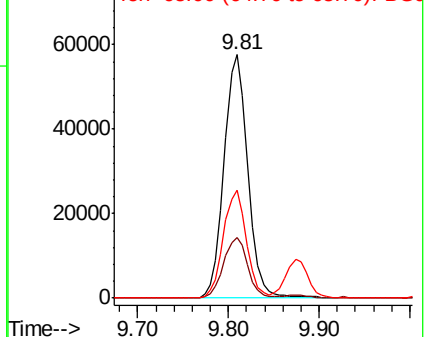
139 100

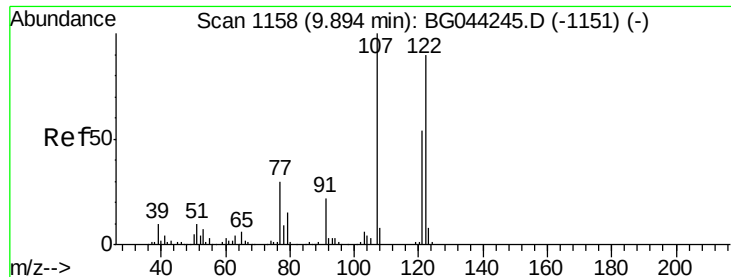
109 24.9 21.0 31.4

65 44.3 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

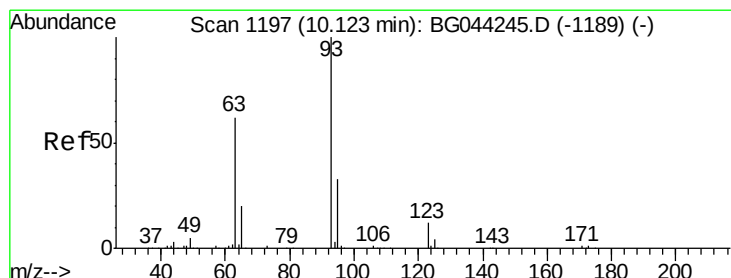
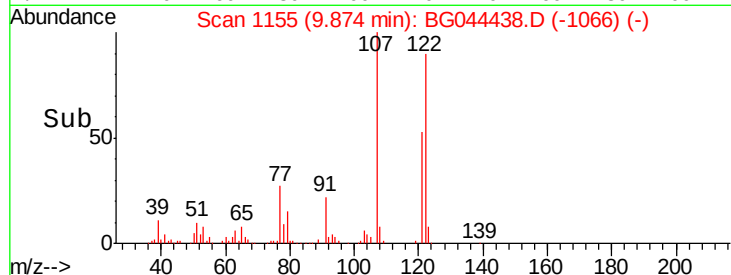
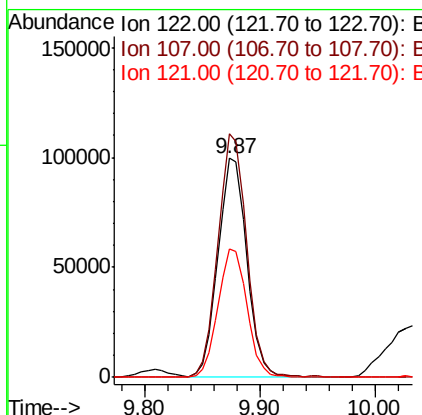
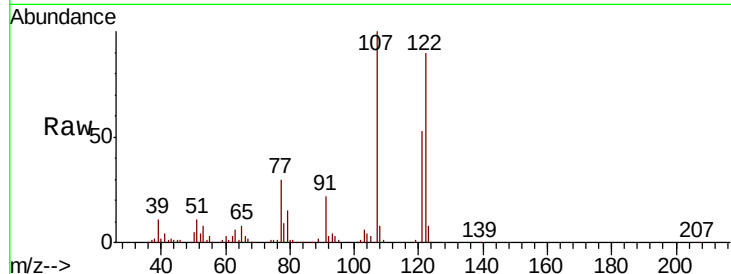




#27
 2,4-Dimethylphenol
 Concen: 46.948 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

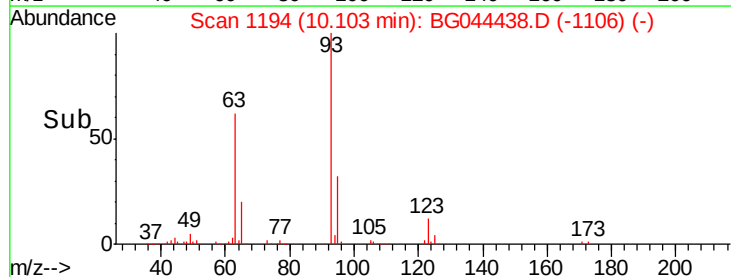
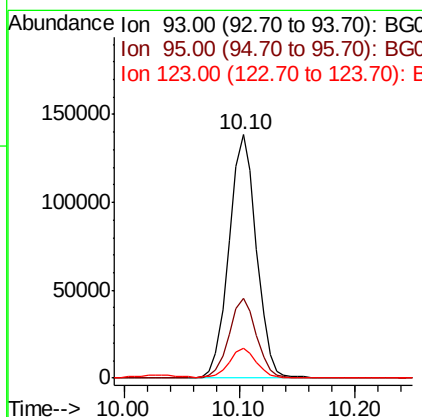
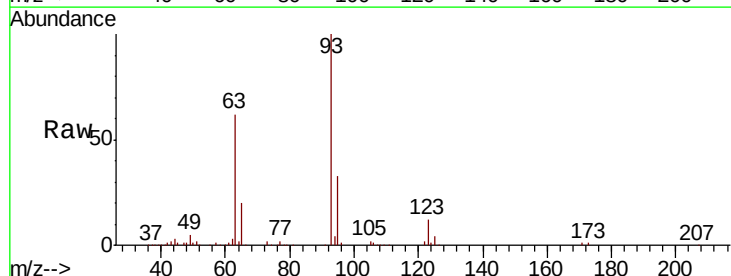
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

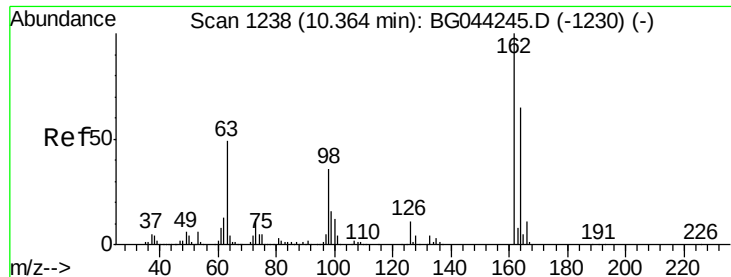
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.8	133.2
121	58.5	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.987 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	12.4	10.0	15.0

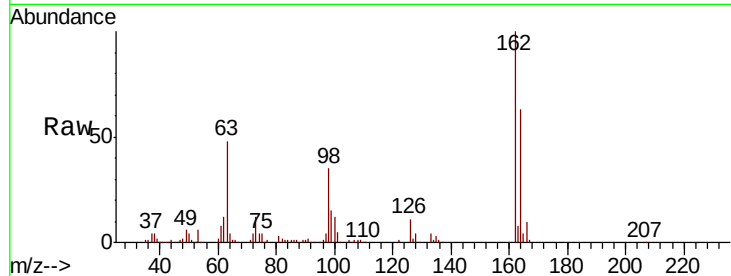




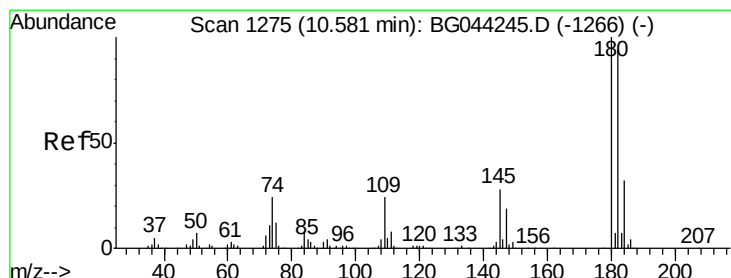
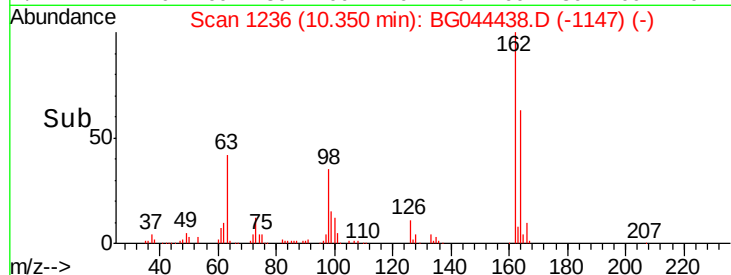
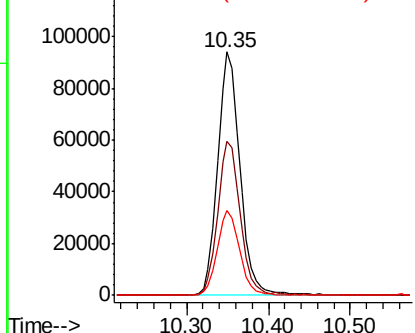
#29
2,4-Dichlorophenol
Concen: 40.707 ng
RT: 10.35 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:162 Resp: 179339
Ion Ratio Lower Upper
162 100
164 63.2 44.7 84.7
98 34.9 15.8 55.8

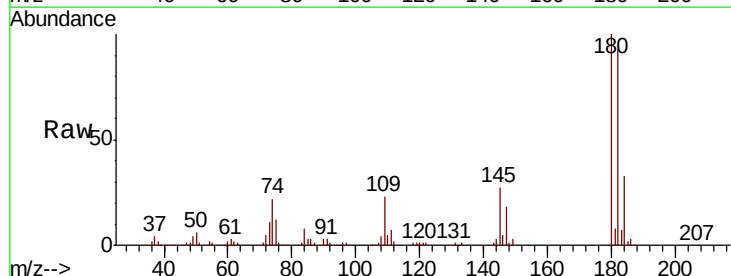


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

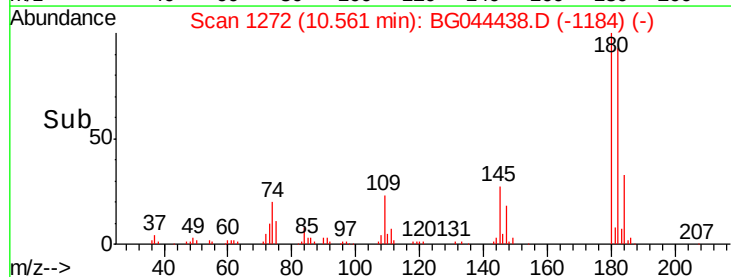
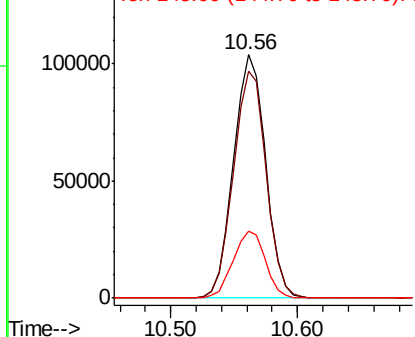


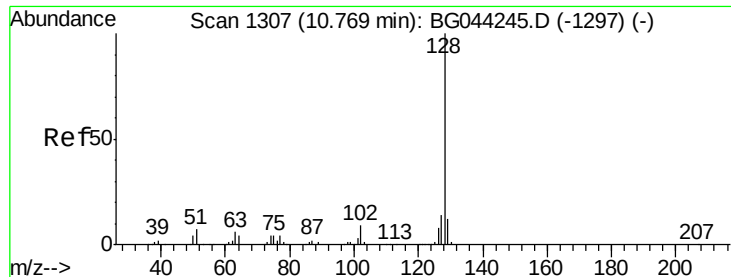
#30
1,2,4-Trichlorobenzene
Concen: 35.966 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:180 Resp: 181690
Ion Ratio Lower Upper
180 100
182 93.1 75.5 113.3
145 27.5 22.6 34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

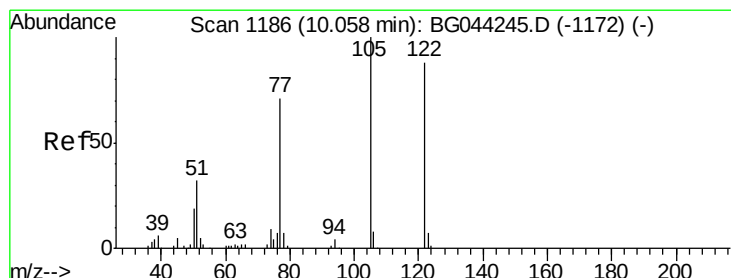
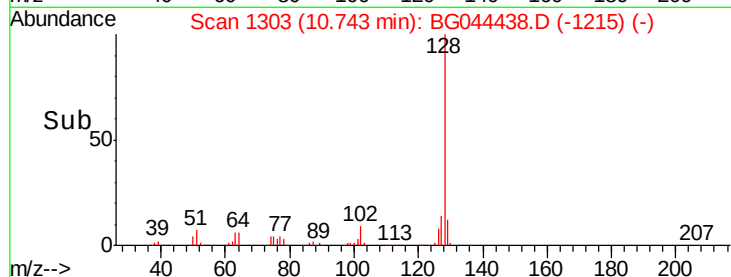
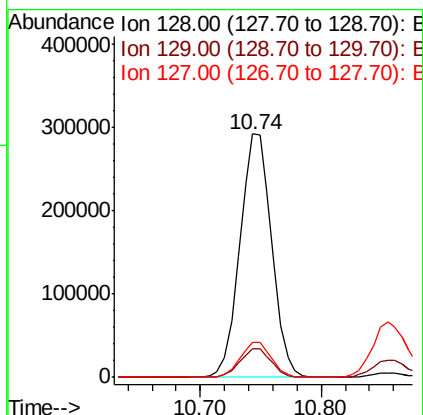
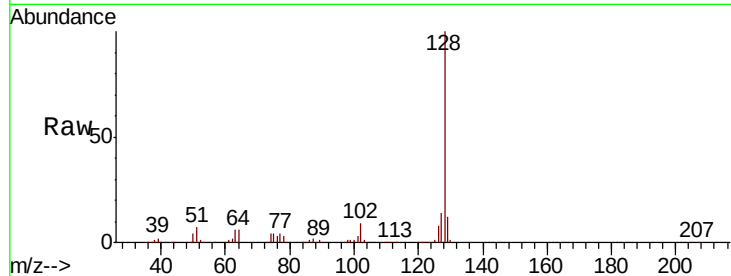




#31
Naphthalene
Concen: 38.390 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

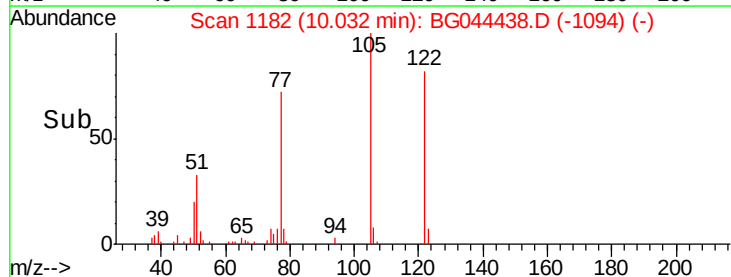
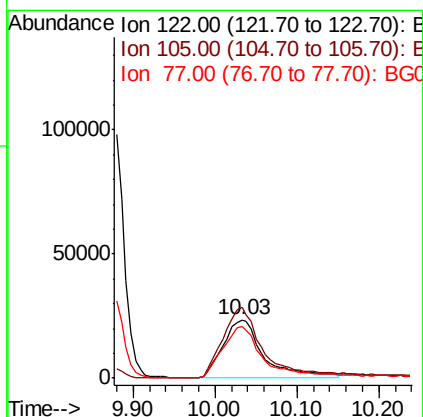
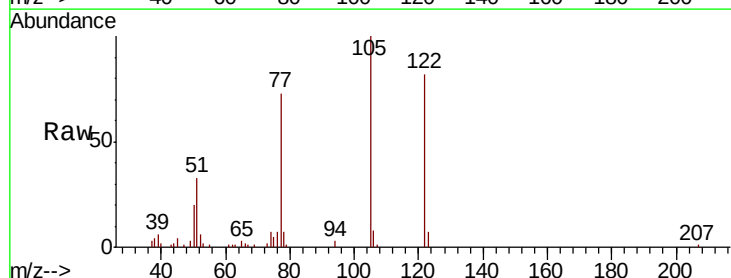
Instrument :
BNA_G
ClientSampleId :
PB126818BS

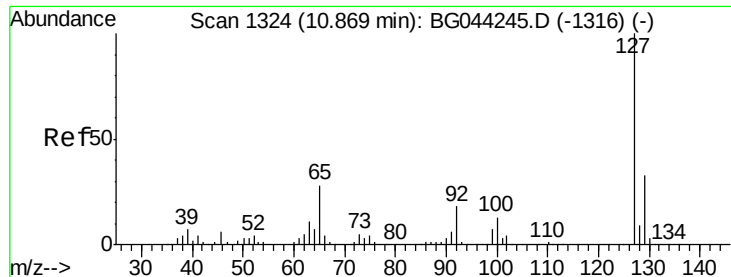
Tot Ion:128 Resp: 535785
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 37.425 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:122 Resp: 79185
Ion Ratio Lower Upper
122 100
105 121.5 93.5 133.5
77 88.4 61.0 101.0

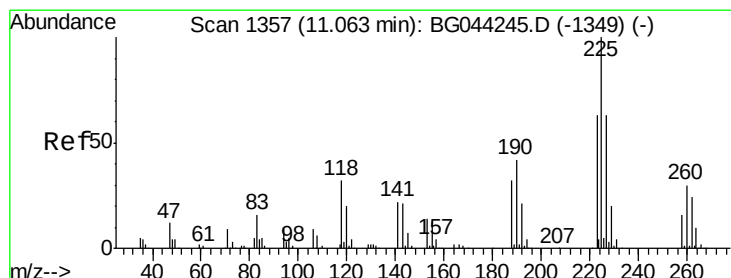
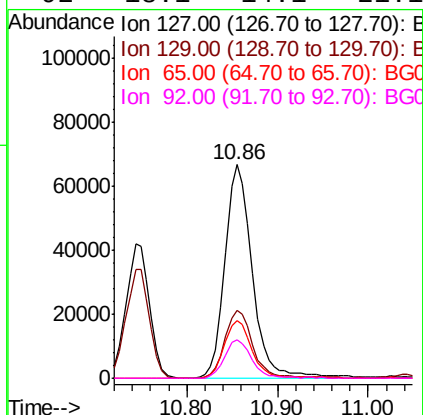
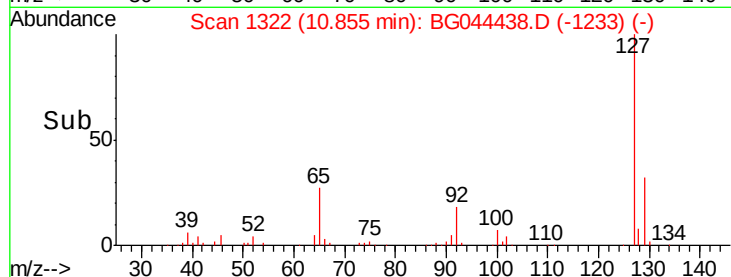
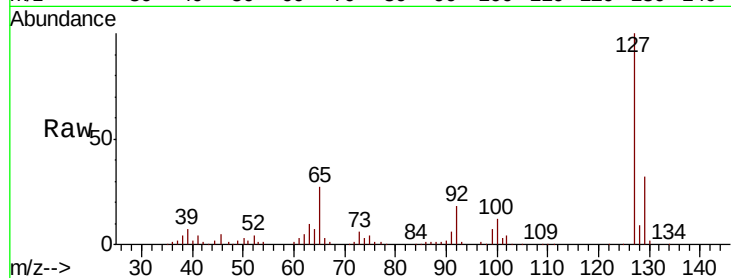




#33
4-Chloroaniline
Concen: 22.132 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

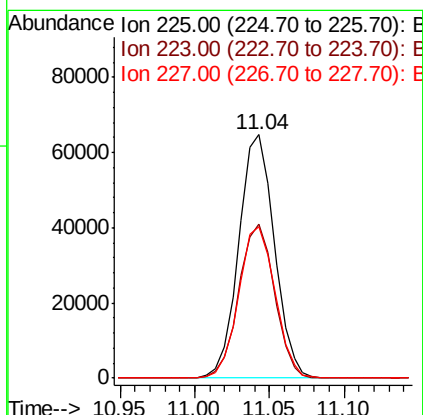
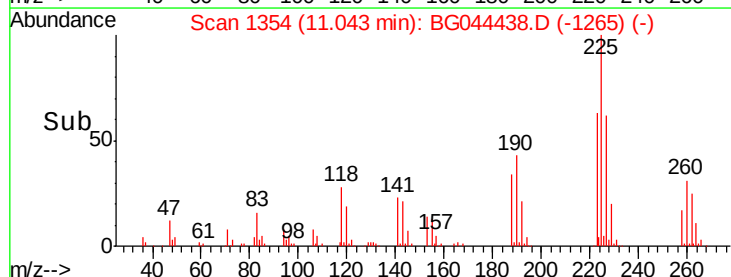
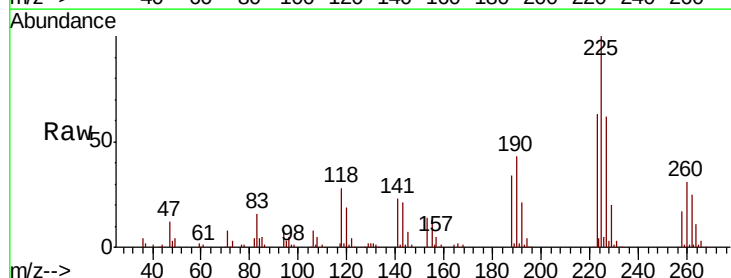
Instrument :
BNA_G
ClientSampleId :
PB126818BS

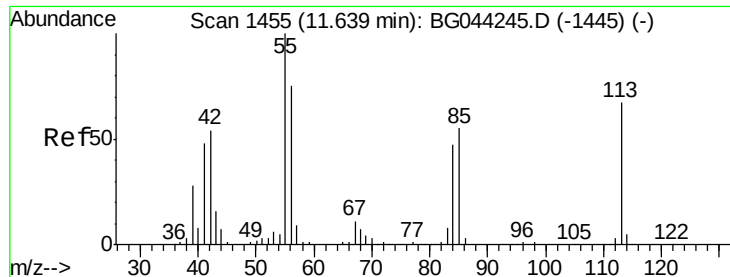
Tot Ion:127 Resp: 140482
Ion Ratio Lower Upper
127 100
129 31.7 26.6 40.0
65 27.1 22.5 33.7
92 18.1 14.1 21.1



#34
Hexachlorobutadiene
Concen: 34.450 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:225 Resp: 107084
Ion Ratio Lower Upper
225 100
223 63.1 50.2 75.4
227 62.3 50.8 76.2

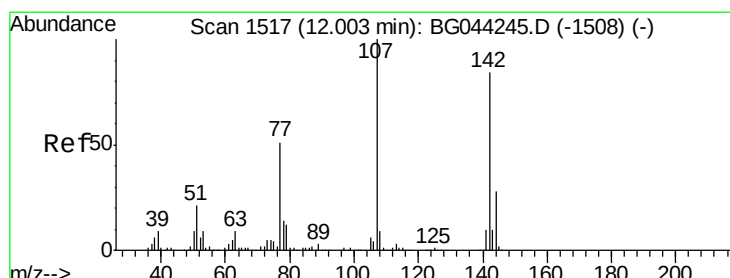
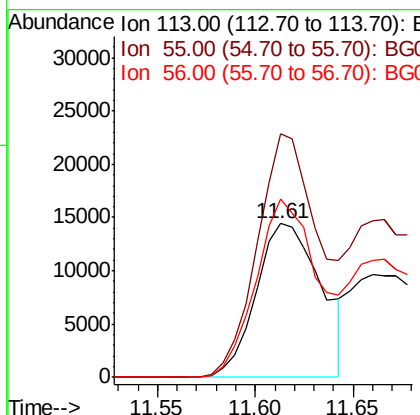
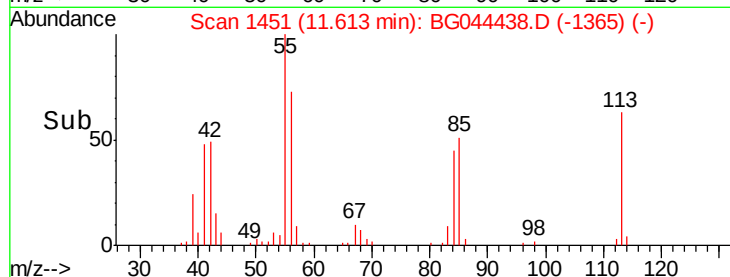
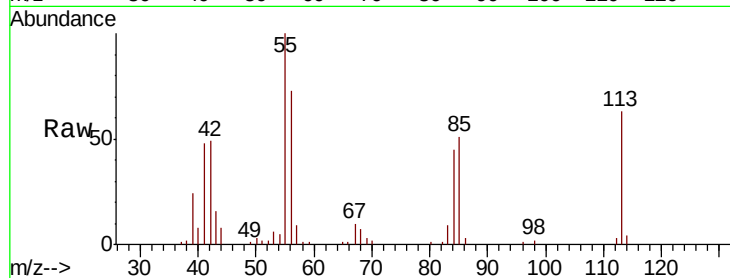




#35
 Caprolactam
 Concen: 20.625 ng
 RT: 11.61 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

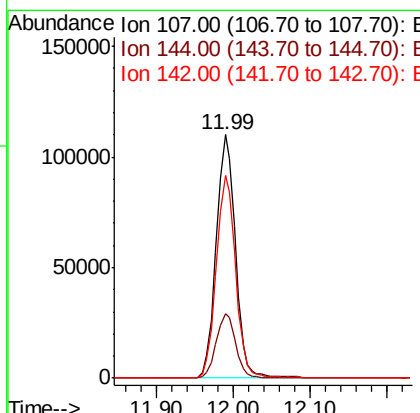
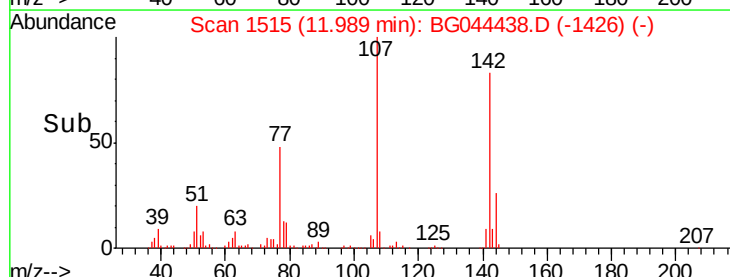
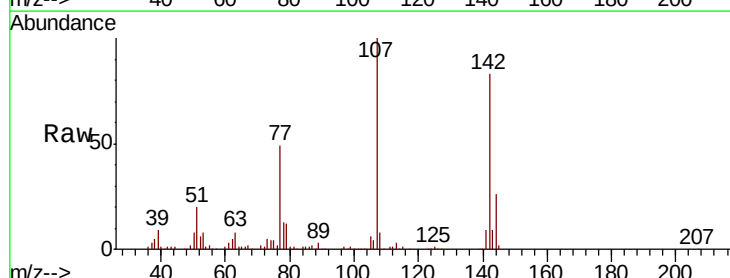
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

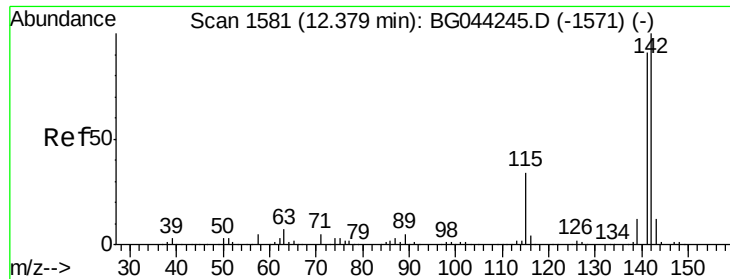
Tot Ion:113 Resp: 33286
 Ion Ratio Lower Upper
 113 100
 55 158.4 129.9 169.9
 56 115.8 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.022 ng
 RT: 11.99 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion:107 Resp: 189482
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.2 33.4
 142 83.4 67.4 101.0

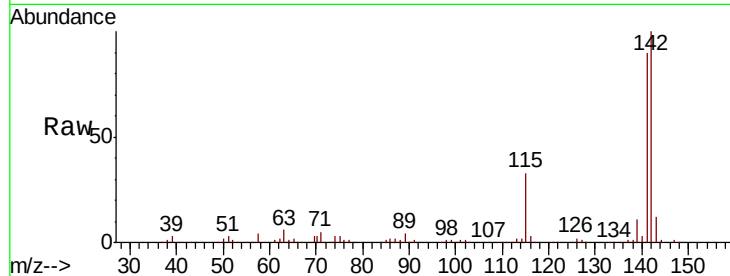




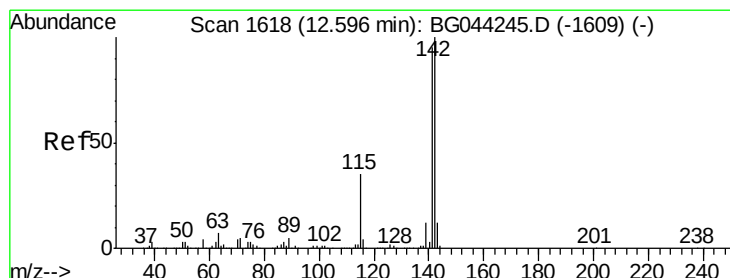
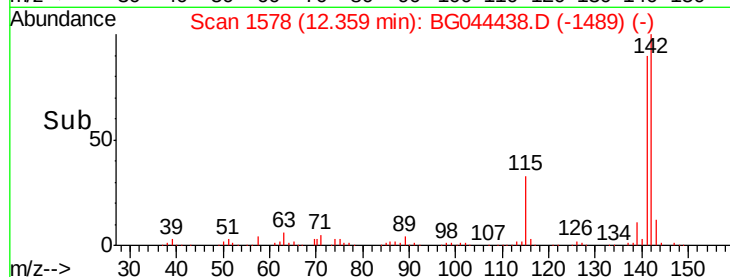
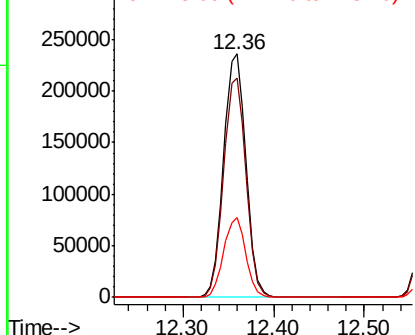
#37
2-Methylnaphthalene
Concen: 39.016 ng
RT: 12.36 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:142 Resp: 404294
Ion Ratio Lower Upper
142 100
141 90.2 73.2 109.8
115 32.7 27.1 40.7

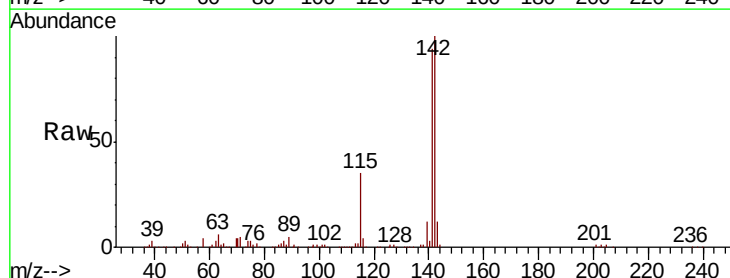


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

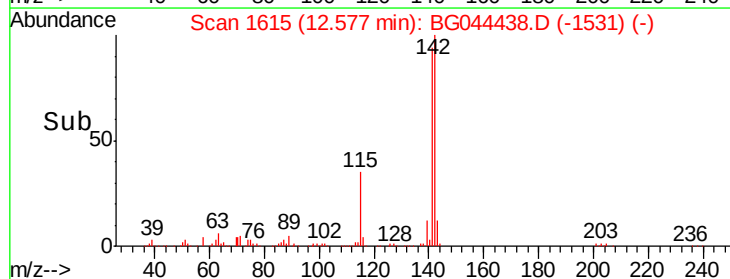
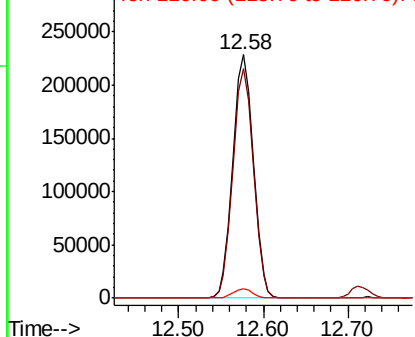


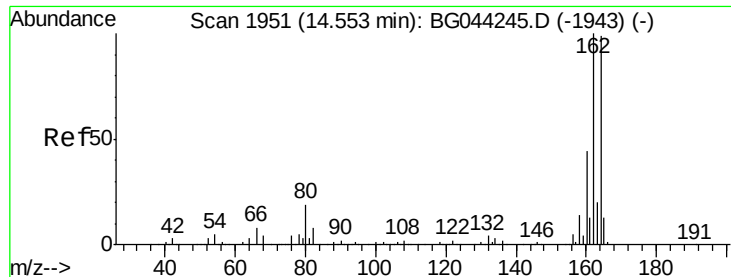
#38
1-Methylnaphthalene
Concen: 39.026 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:142 Resp: 381269
Ion Ratio Lower Upper
142 100
141 94.0 75.8 113.6
116 3.7 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: 14.54 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

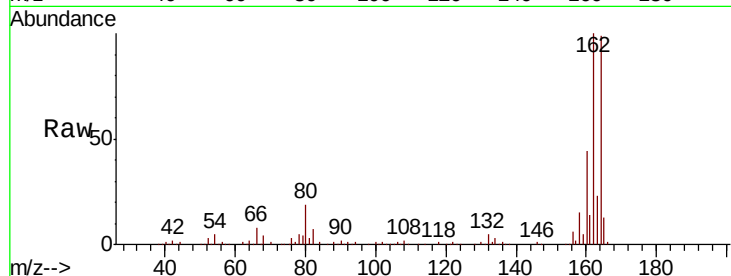
Tot Ion:164 Resp: 192313

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 44.6 35.3 52.9

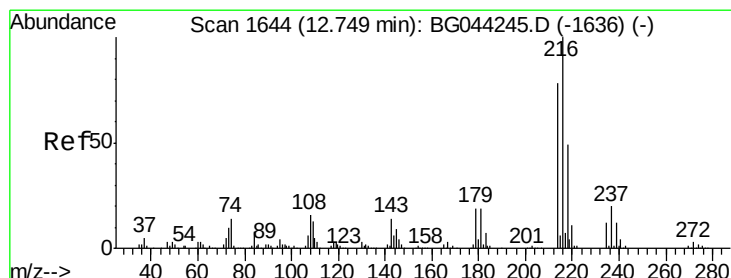
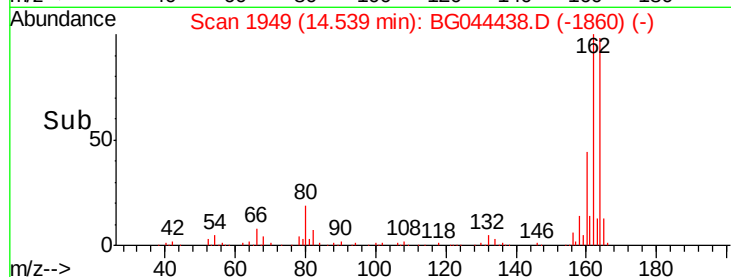
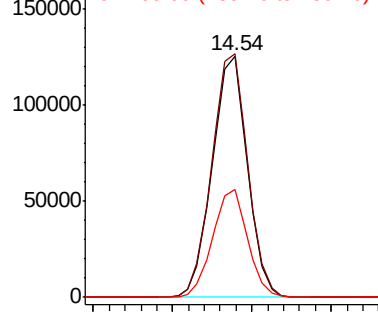


Abundance

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: 34.408 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:216 Resp: 197940

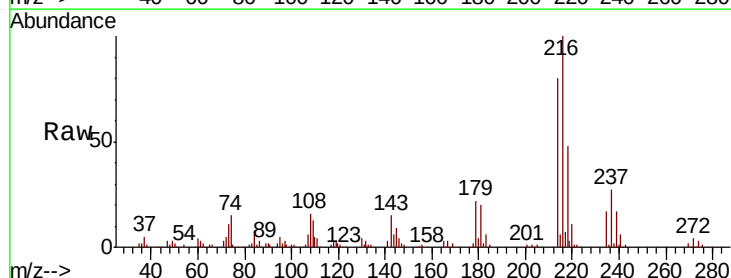
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.8 16.2 24.4

108 17.4 13.5 20.3



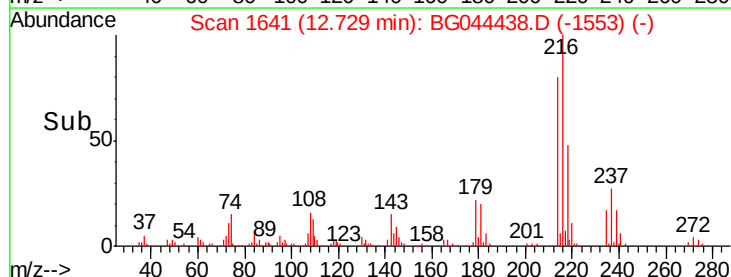
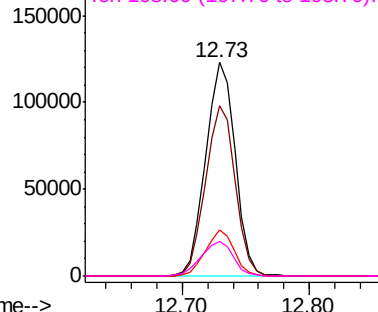
Abundance

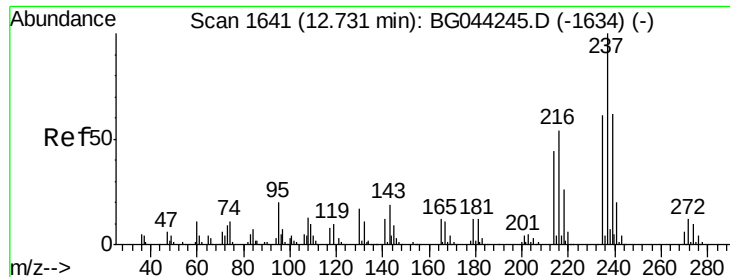
Ion 216.00 (215.70 to 216.70): E

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: 54.725 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

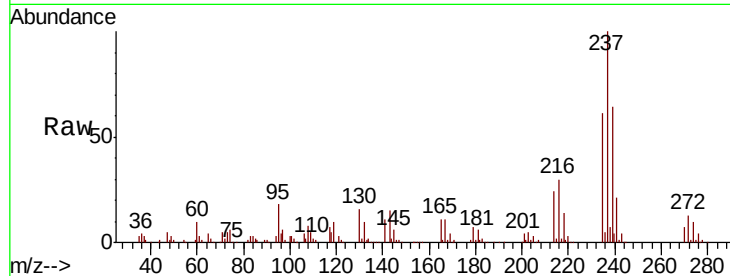
Tot Ion:237 Resp: 151060

Ion Ratio Lower Upper

237 100

235 61.3 41.2 81.2

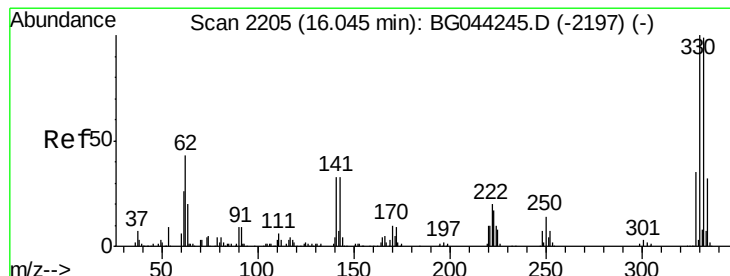
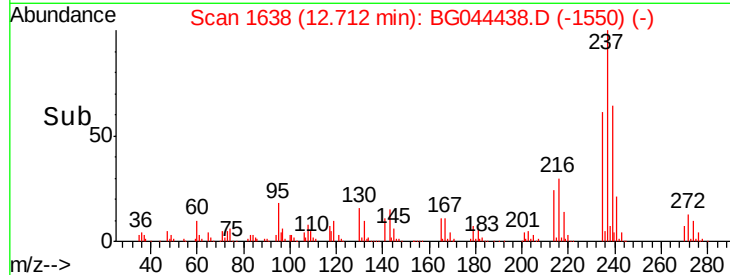
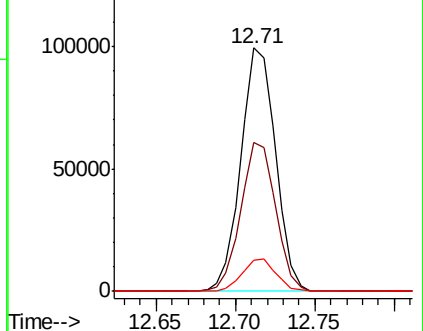
272 13.0 0.0 32.4



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: 109.678 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

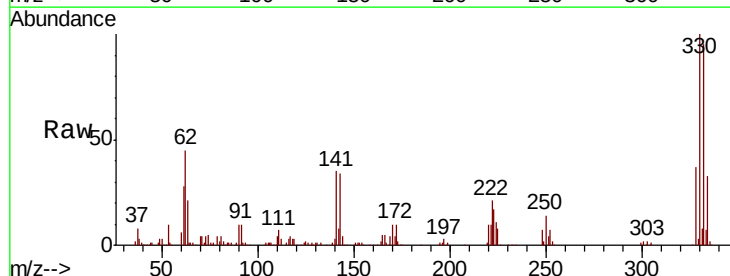
Tgt Ion:330 Resp: 247615

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

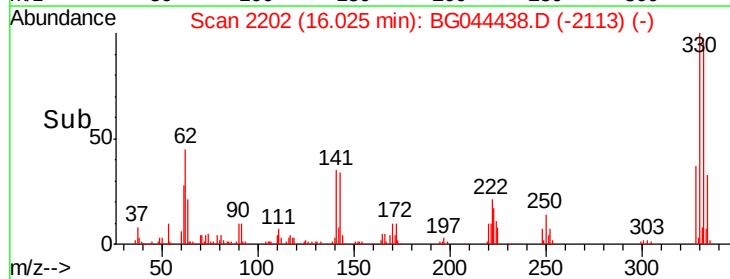
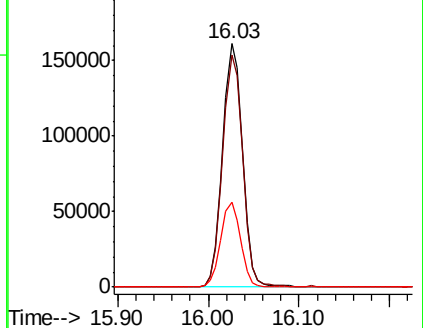
141 34.7 28.3 42.5

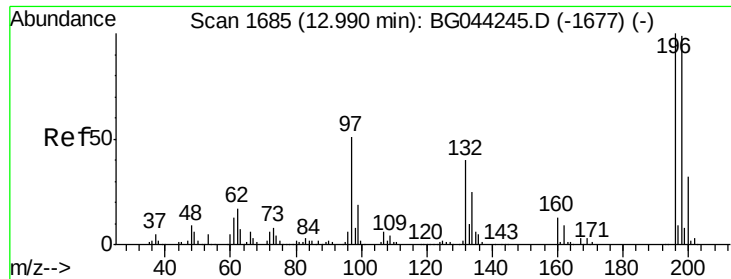


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

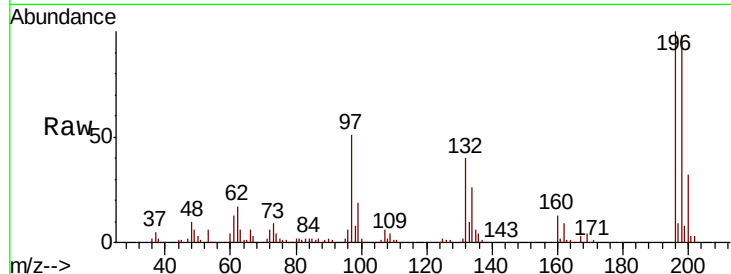




#43
 2,4,6-Trichlorophenol
 Concen: 38.050 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.3	118.9
200	32.4	25.7	38.5

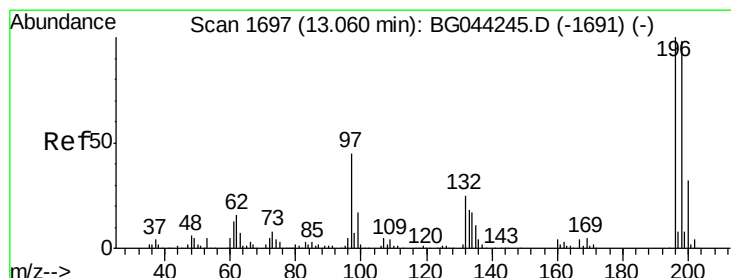
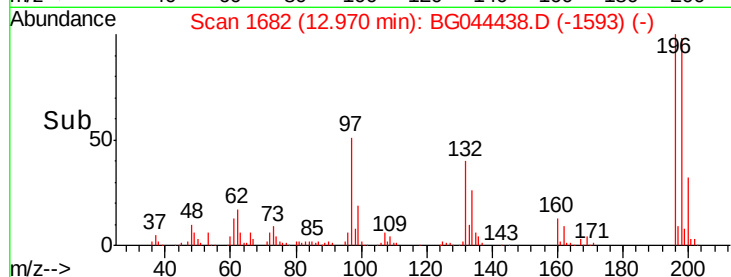
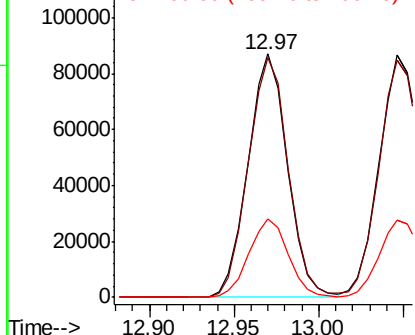


Abundance

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: 40.408 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.2	117.2
97	43.8	36.2	54.4
132	26.7	20.2	30.4

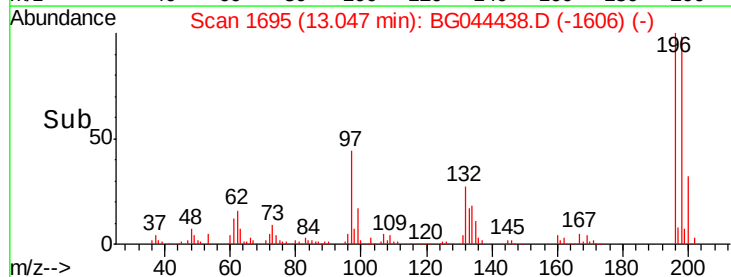
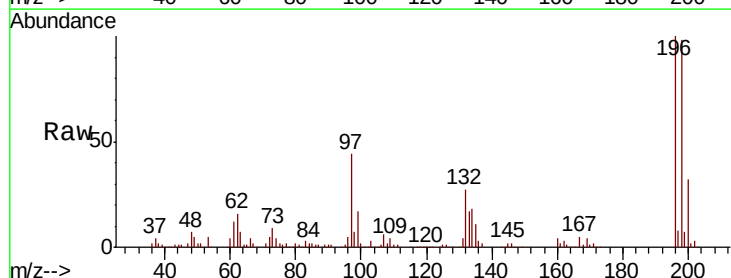
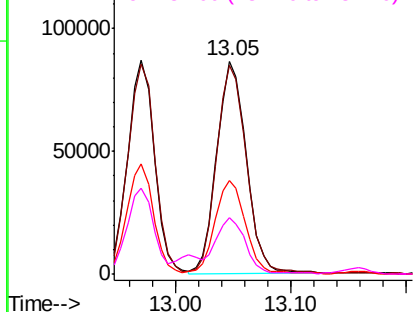
Abundance

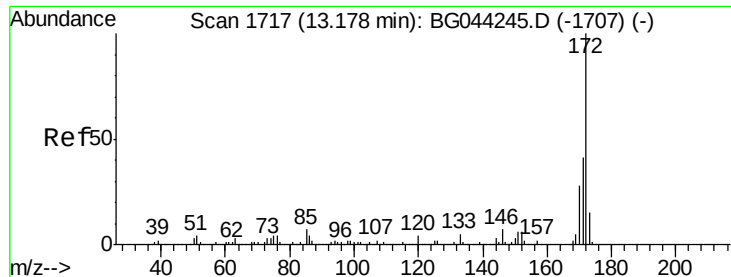
Ion 196.00 (195.70 to 196.70): E

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

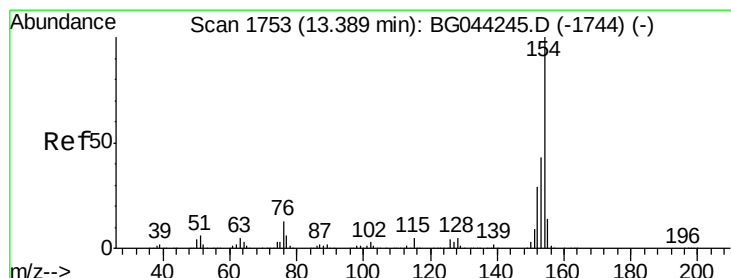
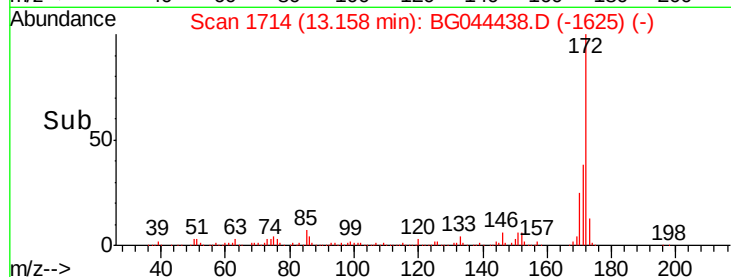
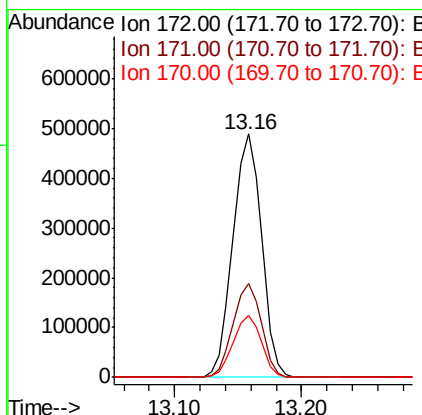
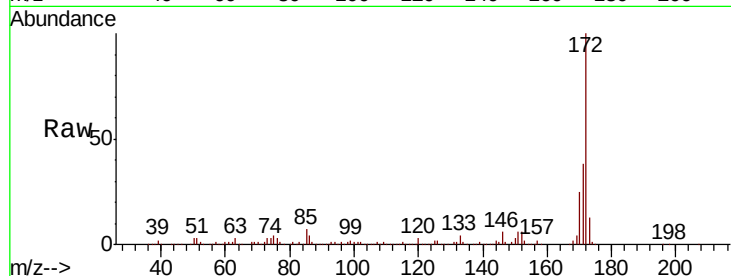




#45
2-Fluorobiphenyl
Concen: 66.557 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

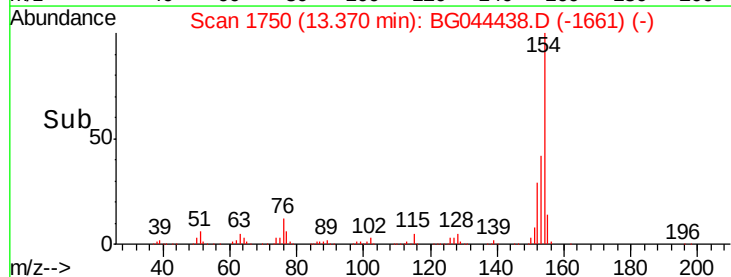
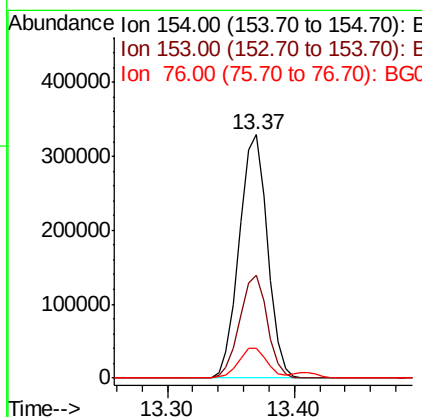
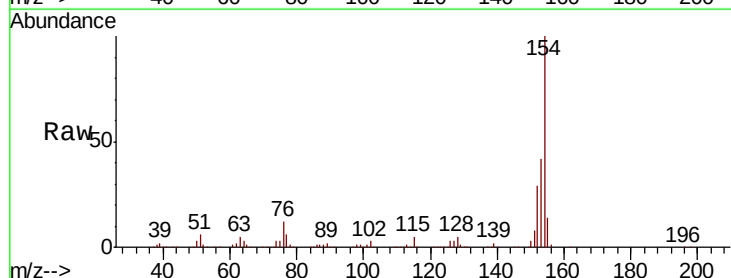
Instrument :
BNA_G
ClientSampleId :
PB126818BS

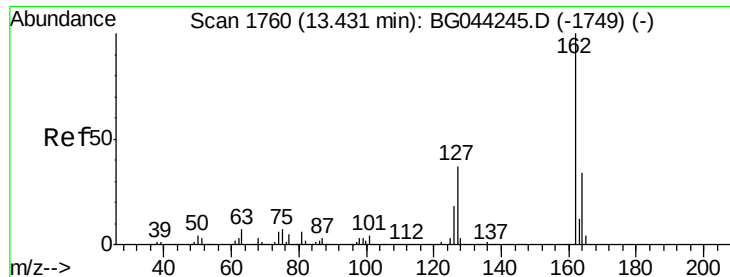
Tot Ion:172 Resp: 764374
Ion Ratio Lower Upper
172 100
171 38.5 32.9 49.3
170 25.3 22.0 33.0



#46
1,1'-Biphenyl
Concen: 36.624 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:154 Resp: 508040
Ion Ratio Lower Upper
154 100
153 42.4 22.7 62.7
76 12.4 0.0 32.9

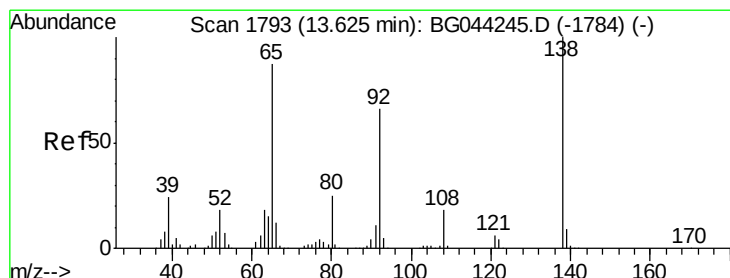
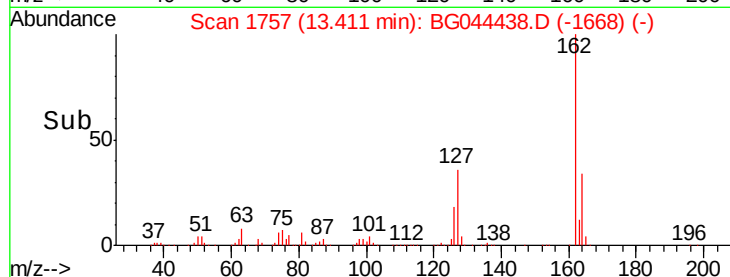
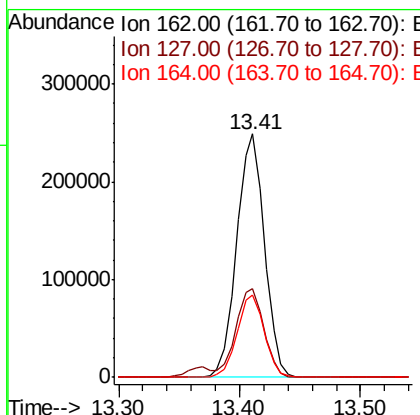
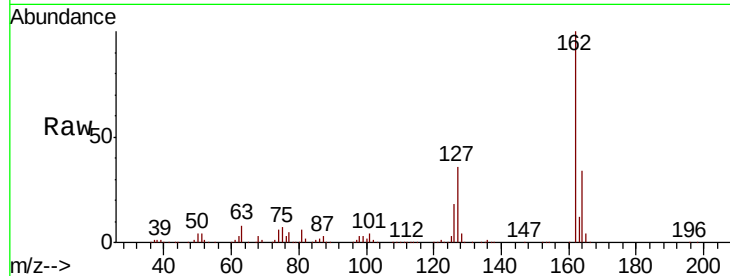




#47
 2-Chloronaphthalene
 Concen: 36.046 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

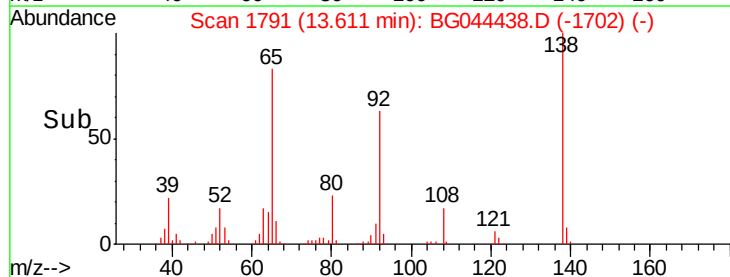
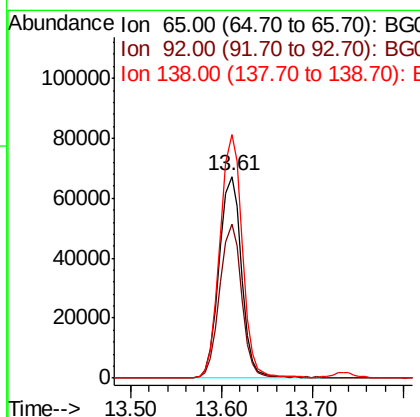
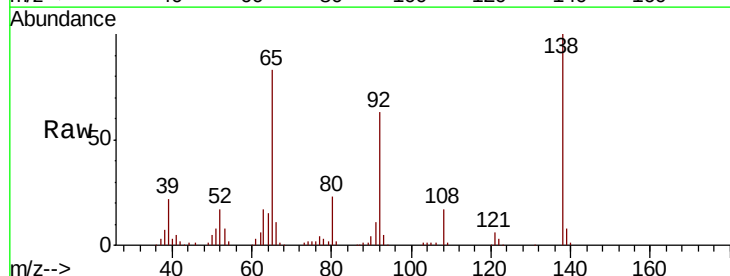
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

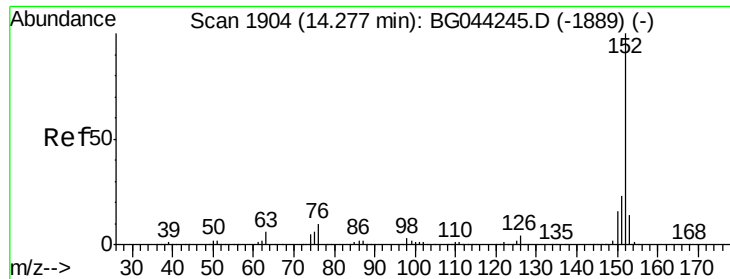
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.0	45.0
164	33.8	27.2	40.8



#48
 2-Nitroaniline
 Concen: 35.504 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	60.3	90.5
138	120.7	91.9	137.9





#49

Acenaphthylene

Concen: 39.312 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

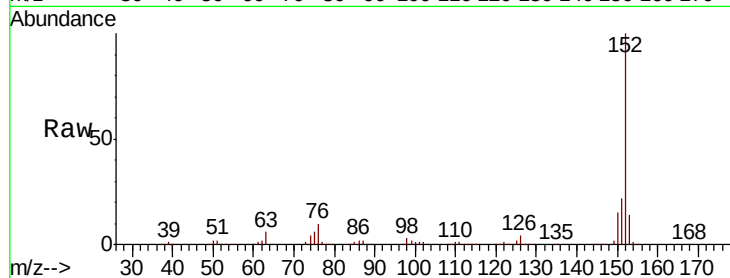
Tot Ion:152 Resp: 636478

Ion Ratio Lower Upper

152 100

151 21.7 18.1 27.1

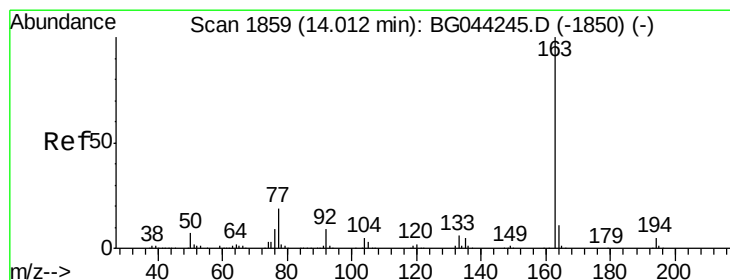
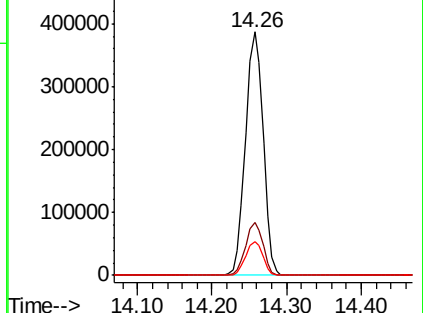
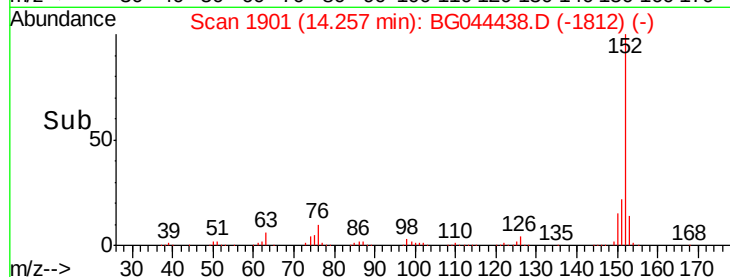
153 13.6 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.867 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

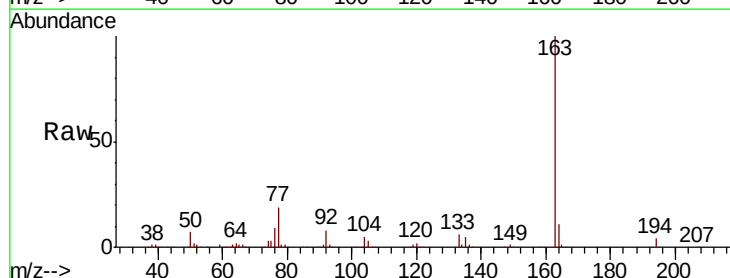
Tgt Ion:163 Resp: 523471

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

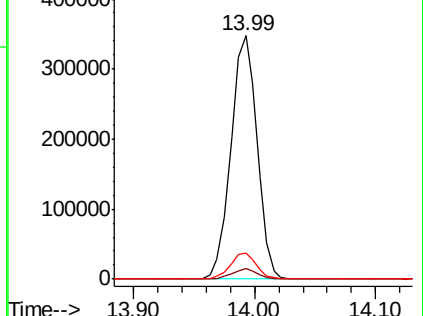
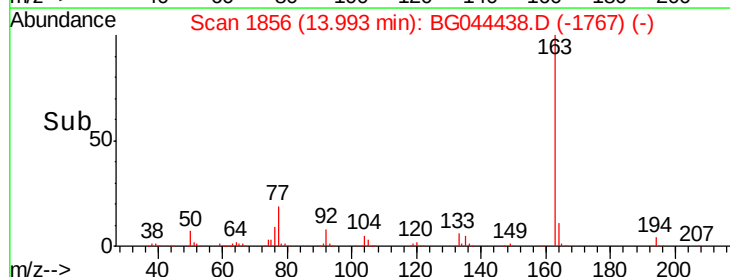
164 10.8 8.7 13.1

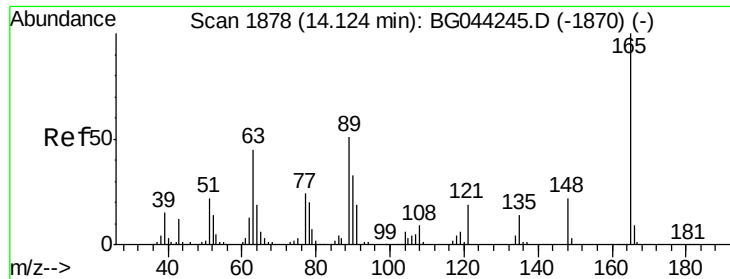


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.314 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

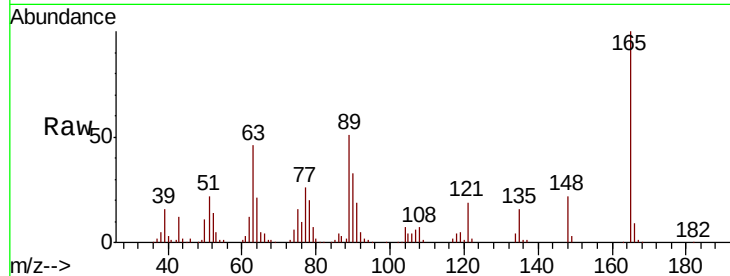
Tot Ion:165 Resp: 118096

Ion Ratio Lower Upper

165 100

63 46.2 38.7 58.1

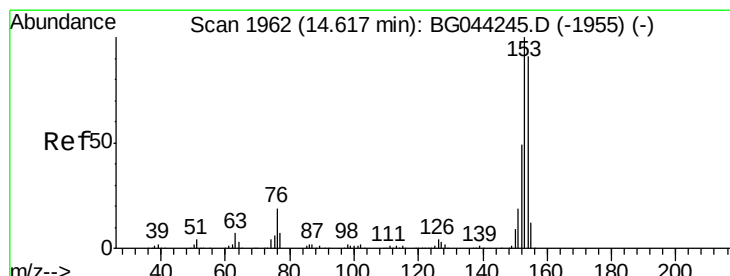
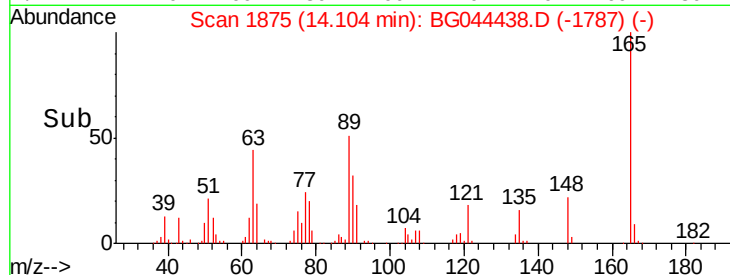
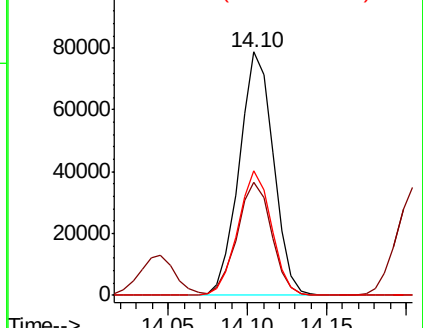
89 51.3 40.4 60.6



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: 36.808 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

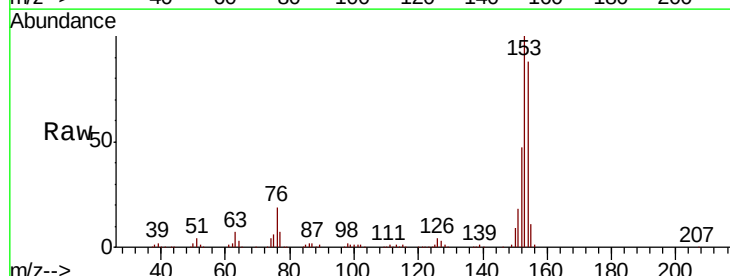
Tgt Ion:154 Resp: 386266

Ion Ratio Lower Upper

154 100

153 113.4 87.9 131.9

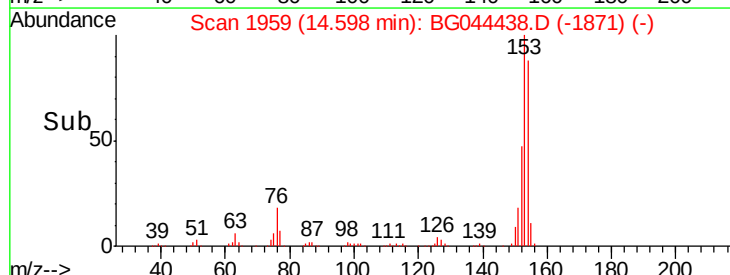
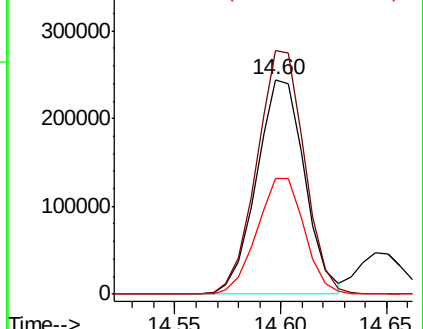
152 53.6 43.1 64.7

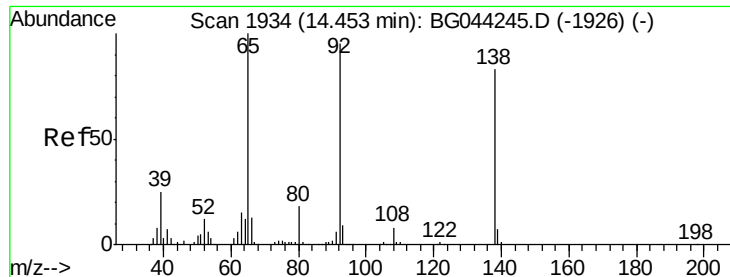


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

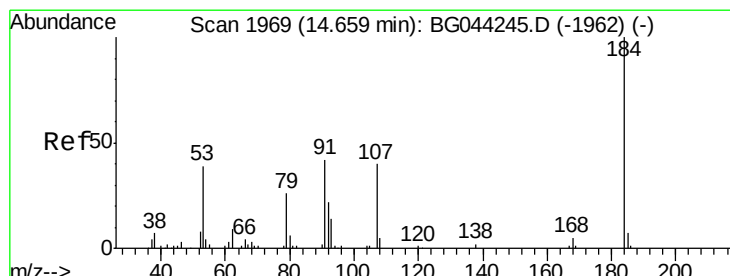
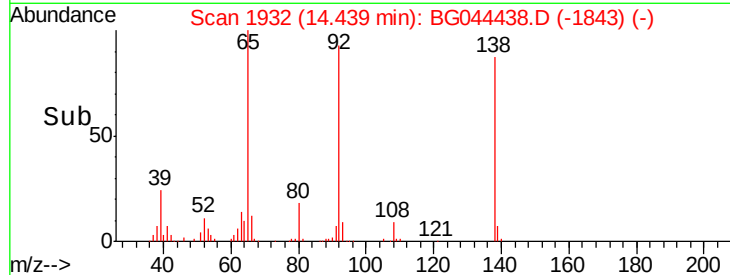
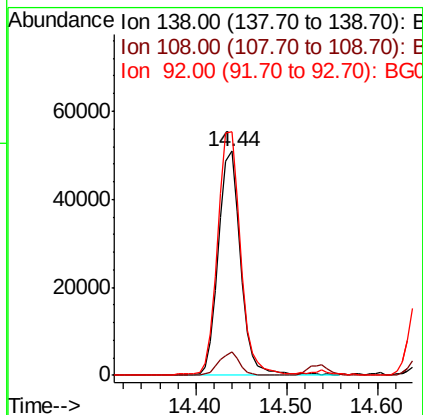
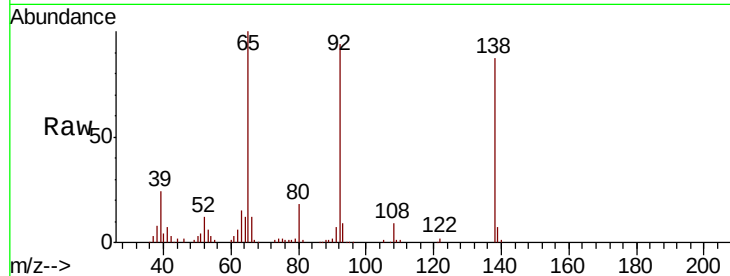




#53
 3-Nitroaniline
 Concen: 25.527 ng
 RT: 14.44 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

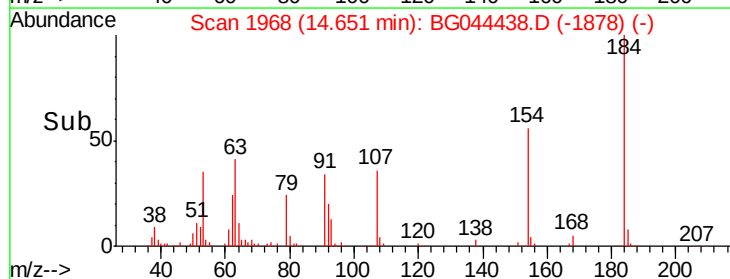
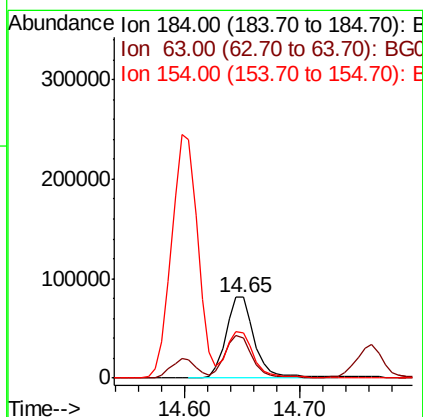
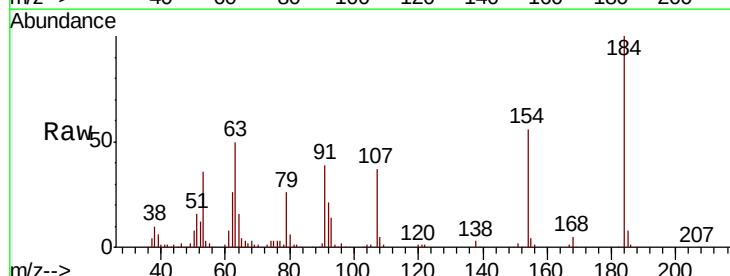
Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

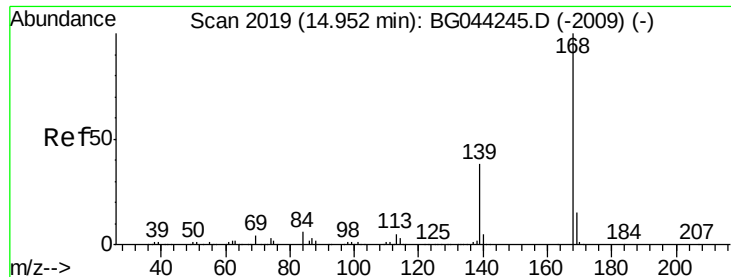
Tot Ion:138 Resp: 87050
 Ion Ratio Lower Upper
 138 100
 108 10.3 7.9 11.9
 92 108.7 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 76.739 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion:184 Resp: 139528
 Ion Ratio Lower Upper
 184 100
 63 50.3 44.1 66.1
 154 56.3 45.4 68.0

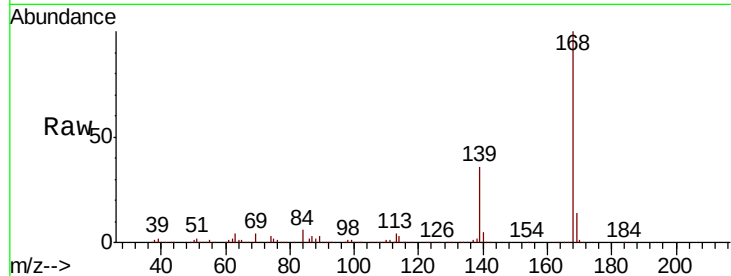




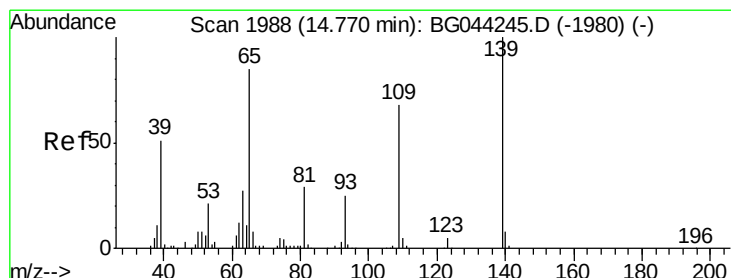
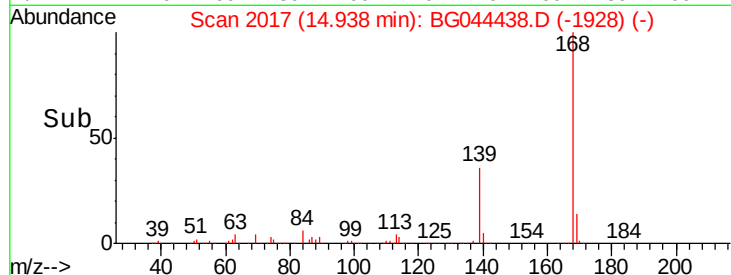
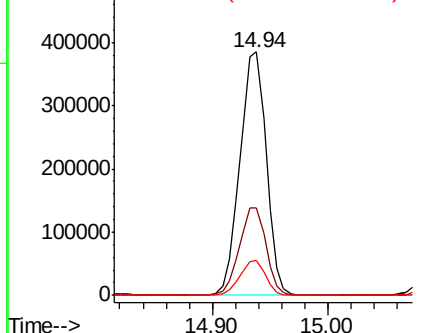
#55
Dibenzenofuran
Concen: 38.459 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:168 Resp: 611055
Ion Ratio Lower Upper
168 100
139 36.1 30.5 45.7
169 14.1 11.7 17.5

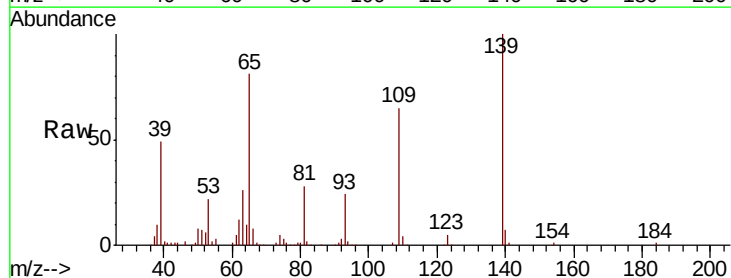


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

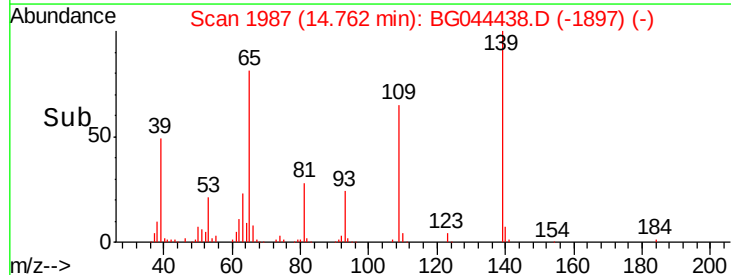
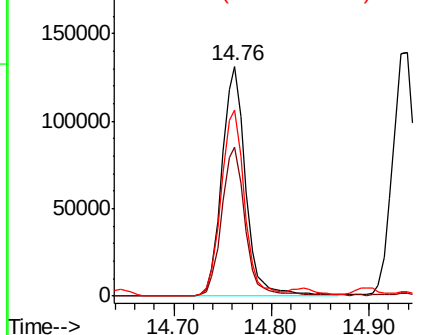


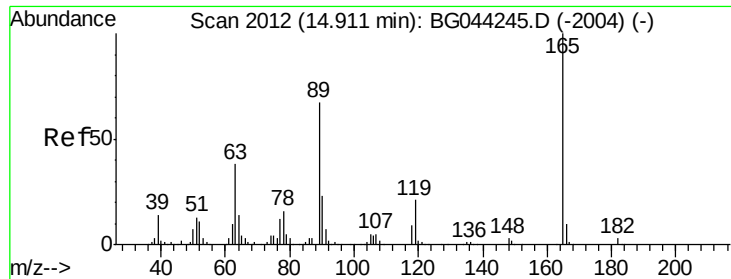
#56
4-Nitrophenol
Concen: 89.030 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:139 Resp: 222389
Ion Ratio Lower Upper
139 100
109 65.0 47.5 87.5
65 81.0 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

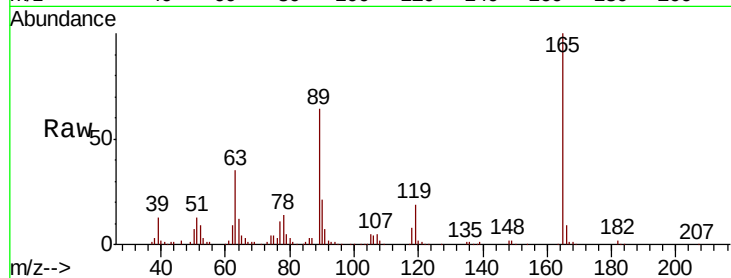




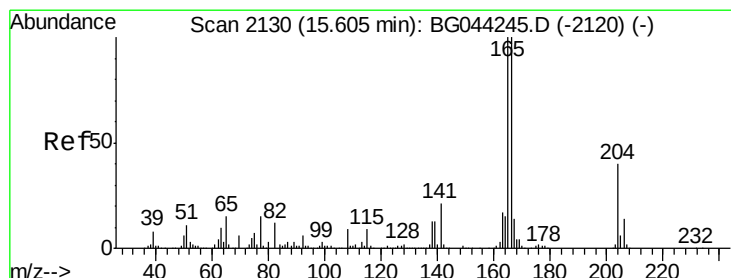
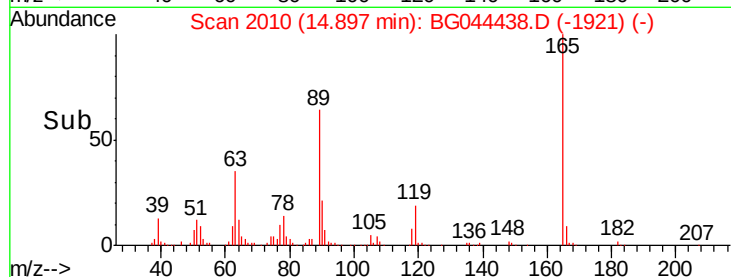
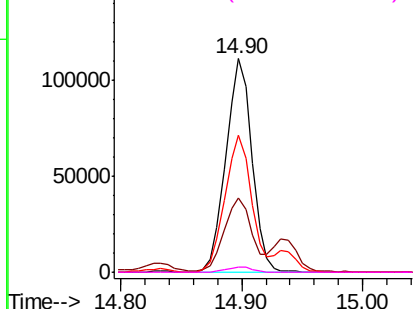
#57
2,4-Dinitrotoluene
Concen: 38.707 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:165 Resp: 167218
Ion Ratio Lower Upper
165 100
63 34.9 30.3 45.5
89 64.1 53.4 80.2
182 2.5 2.1 3.1

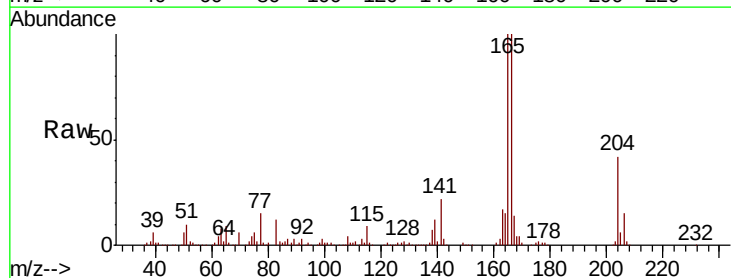


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

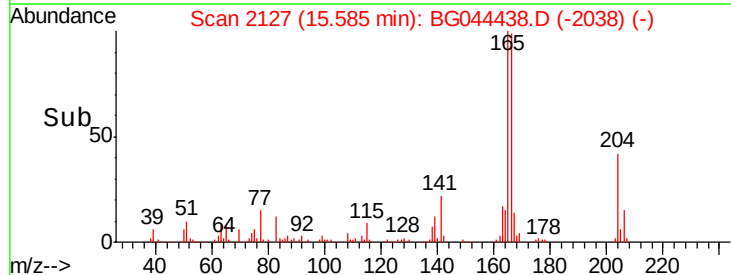
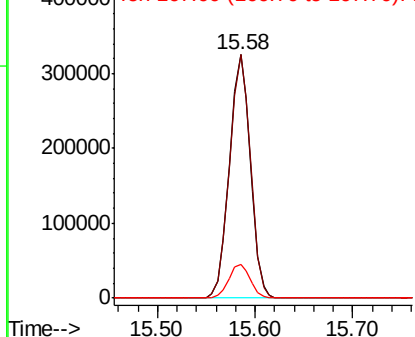


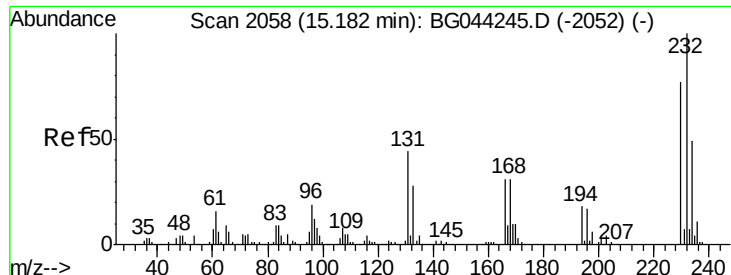
#58
Fluorene
Concen: 38.672 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:166 Resp: 483954
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 14.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

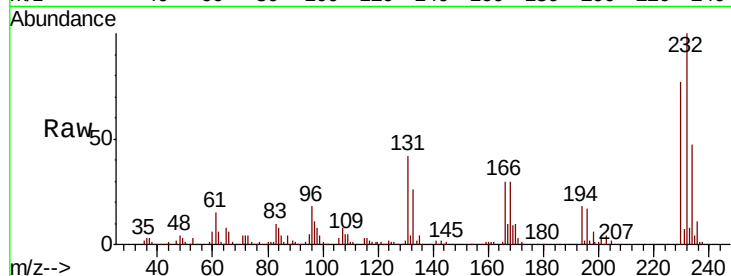




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.987 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.2	51.4
130	2.3	1.8	2.8
166	29.9	23.8	35.8



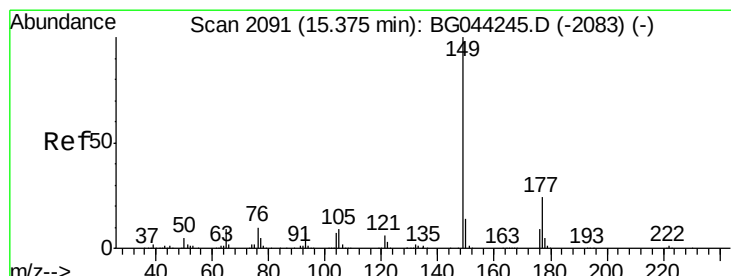
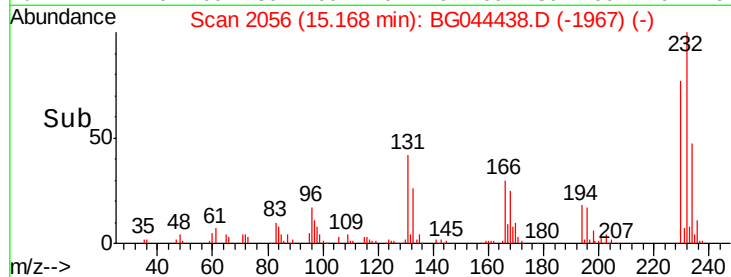
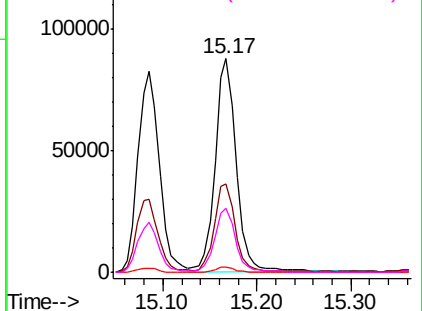
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

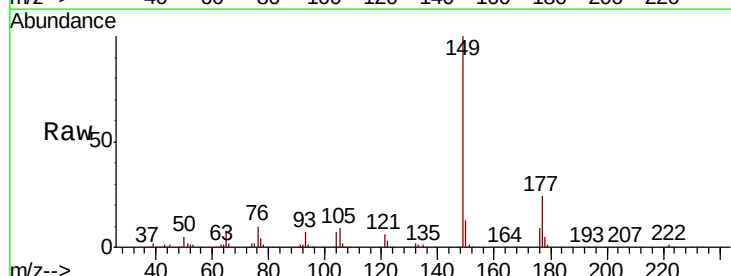
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.220 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	13.4	10.9	16.3

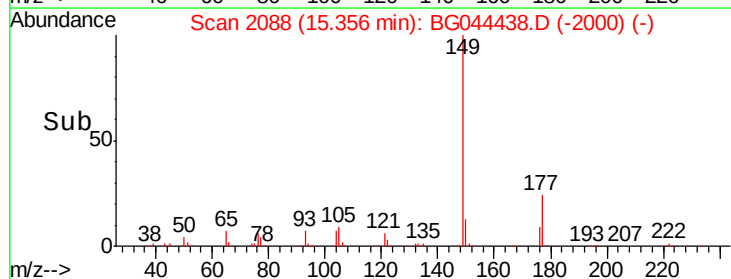
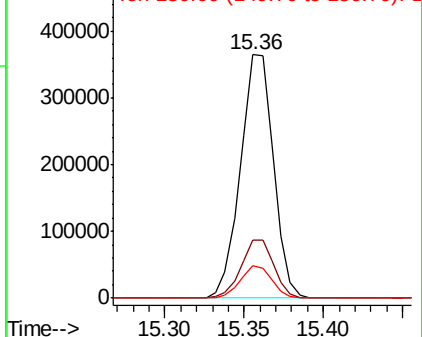


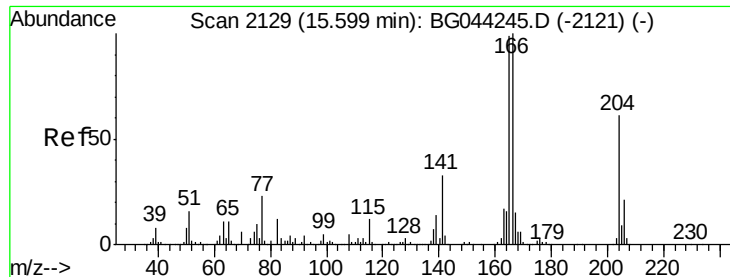
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

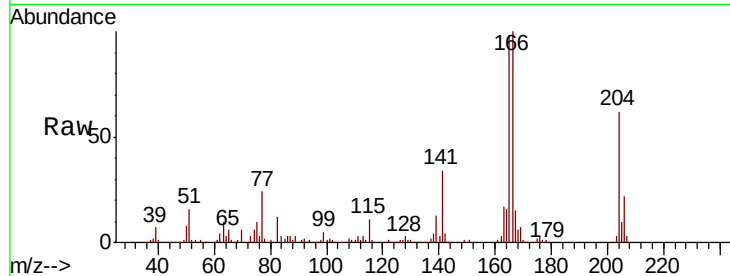




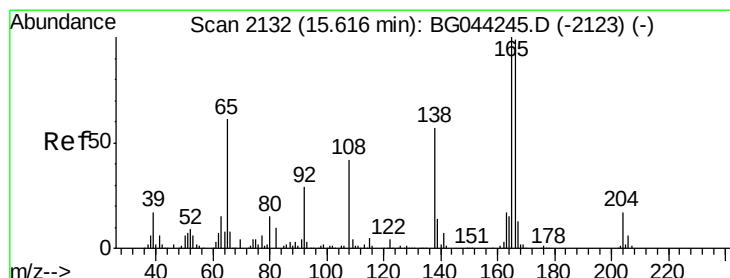
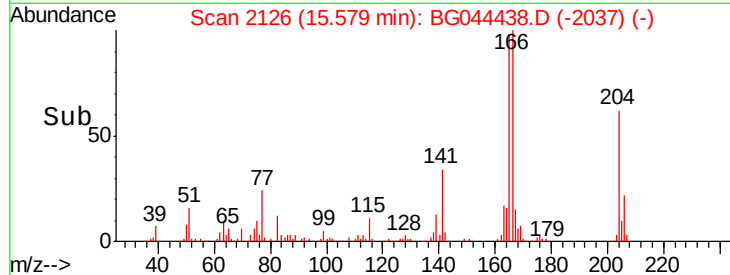
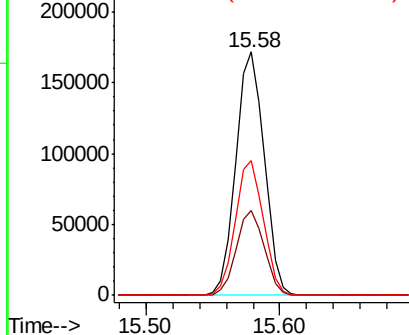
#61
 4-Chlorophenyl-phenylether
 Concen: 37.336 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	55.2	43.4	65.0

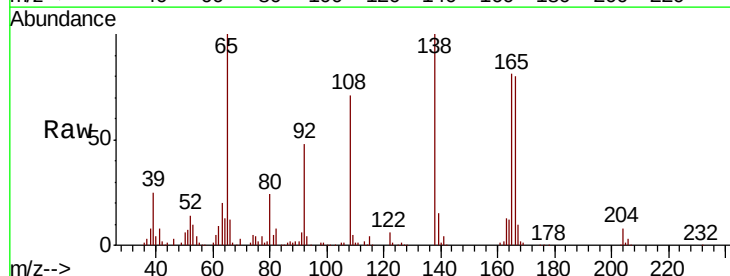


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

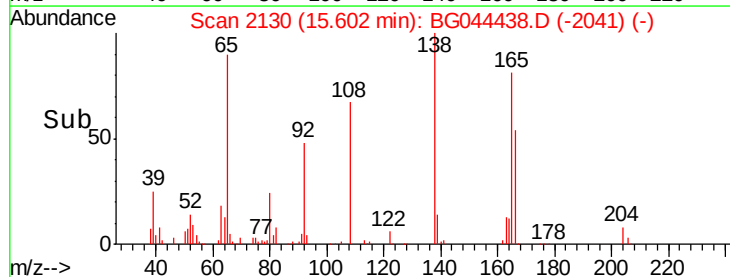
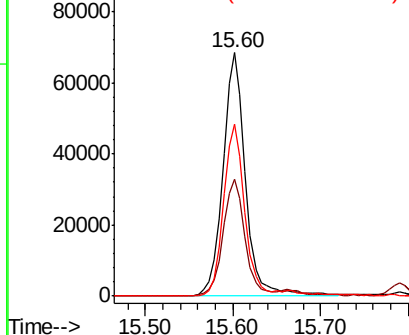


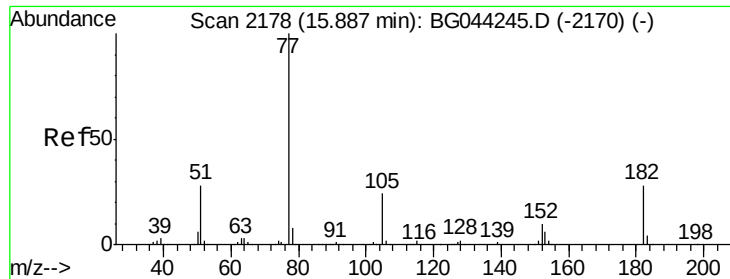
#62
 4-Nitroaniline
 Concen: 35.617 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.3	71.3
108	70.8	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: 37.895 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

Tot Ion: 77 Resp: 457487

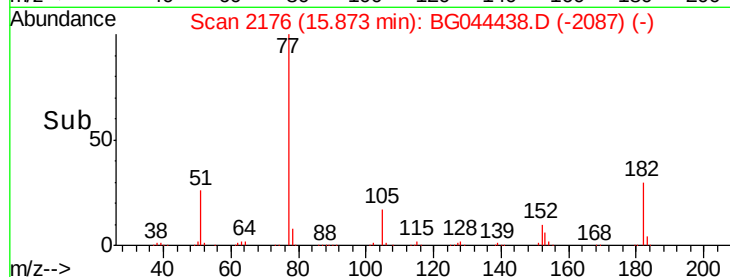
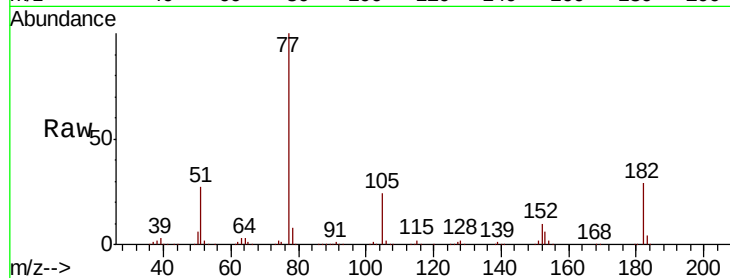
Ion Ratio Lower Upper

77 100

182 28.8 8.2 48.2

105 23.7 3.6 43.6

51 27.3 8.3 48.3

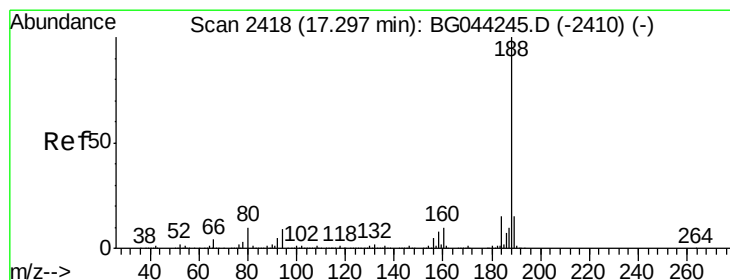
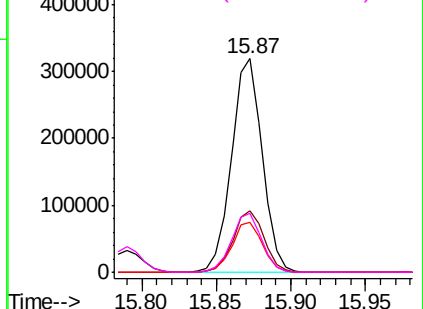


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

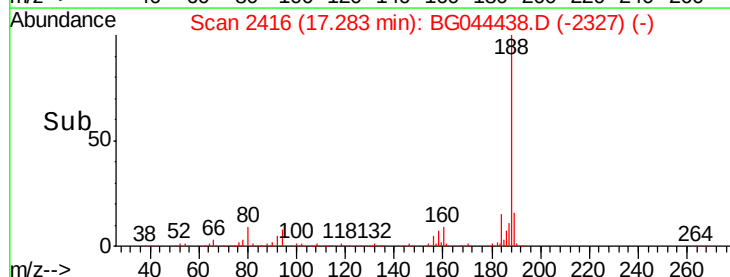
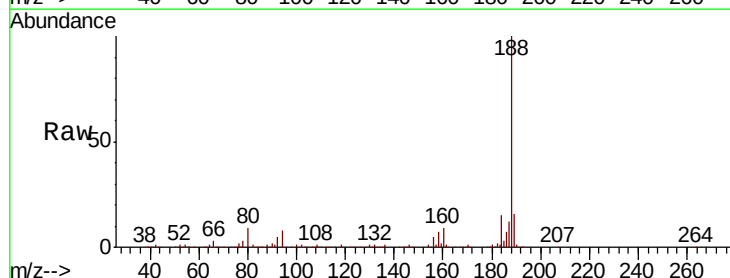
Tgt Ion: 188 Resp: 433742

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

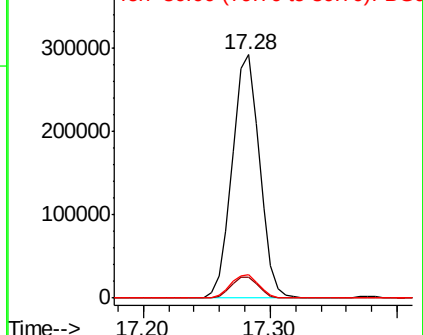
80 9.5 7.7 11.5

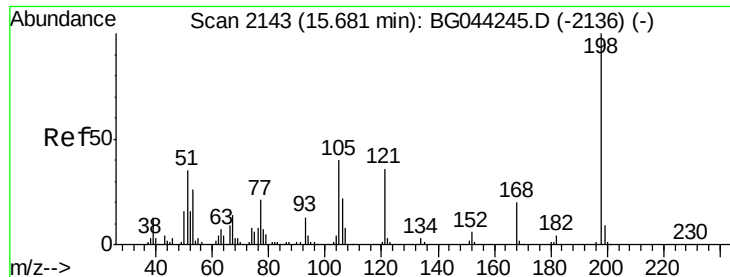


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.950 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

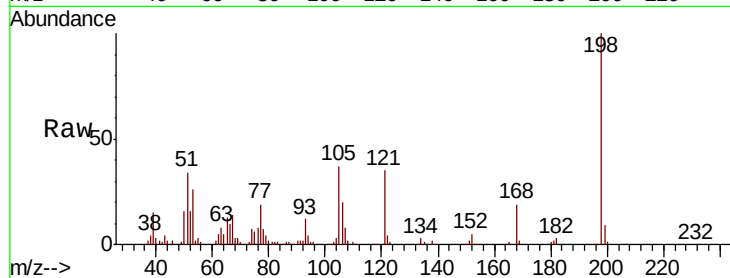
Tot Ion:198 Resp: 107622

Ion Ratio Lower Upper

198 100

51 34.5 16.6 56.6

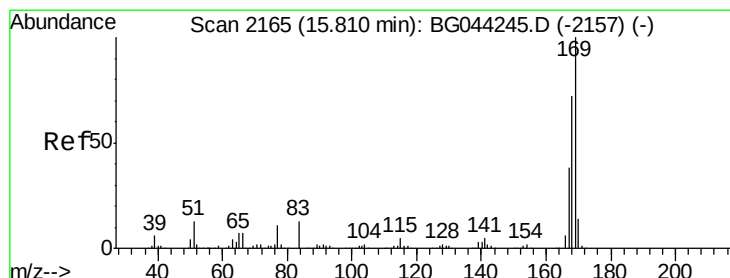
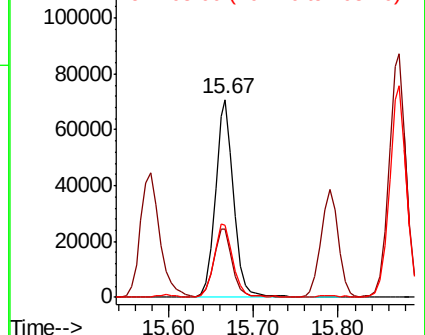
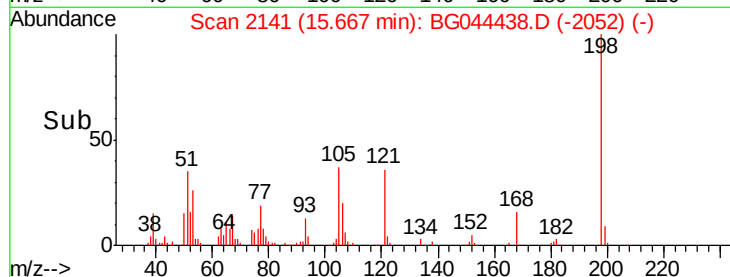
105 36.7 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.511 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

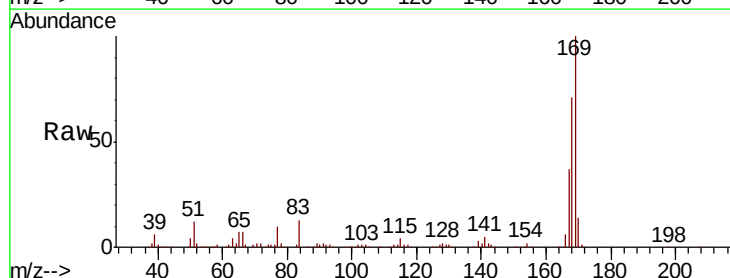
Tgt Ion:169 Resp: 455964

Ion Ratio Lower Upper

169 100

168 70.6 57.9 86.9

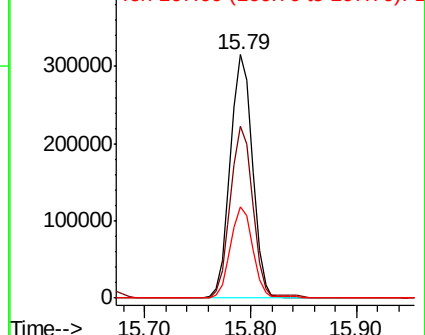
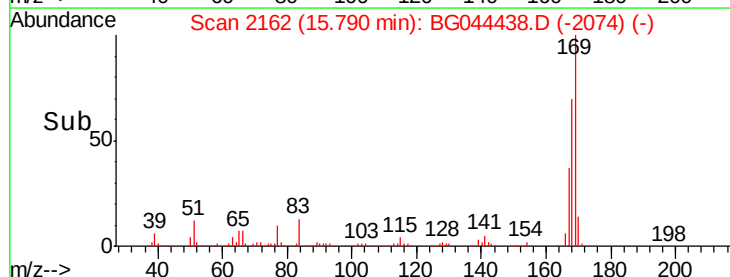
167 37.4 30.7 46.1

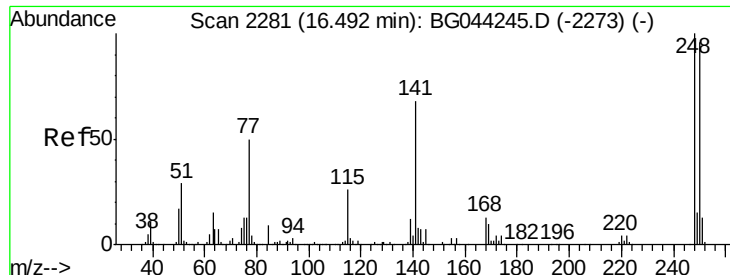


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

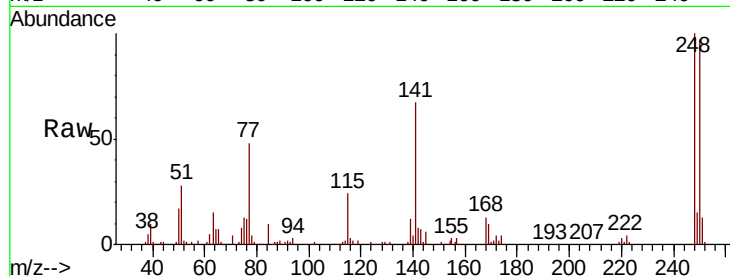




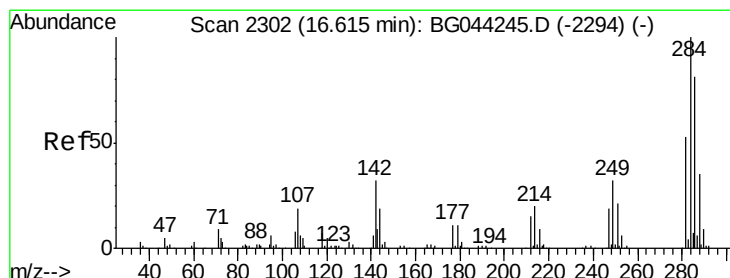
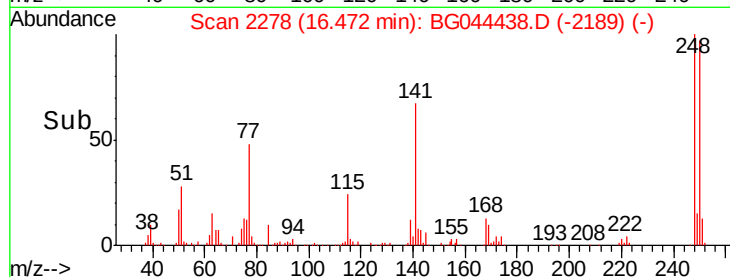
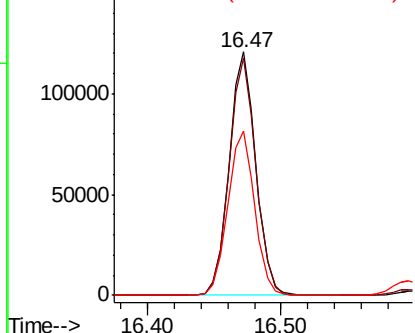
#67
 4-Bromophenyl-phenylether
 Concen: 35.467 ng
 RT: 16.47 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB126818BS

Tot Ion:248 Resp: 167602
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.6 114.8
 141 67.4 54.7 82.1

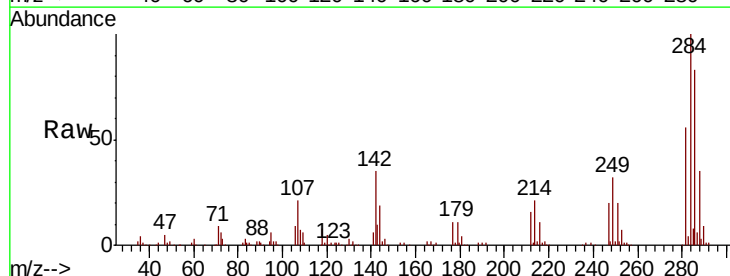


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

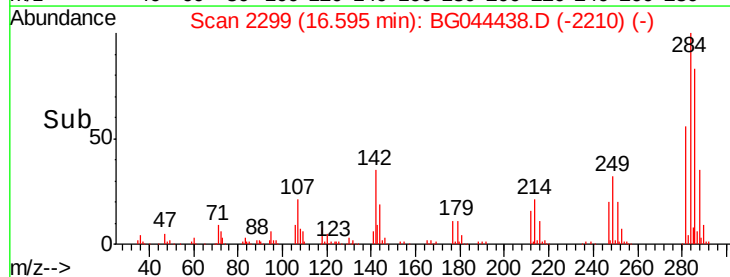
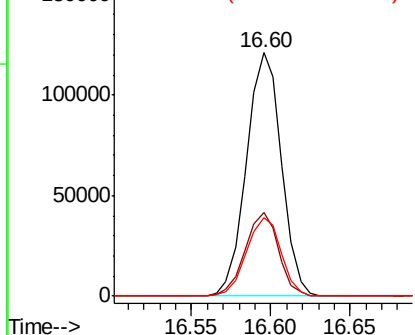


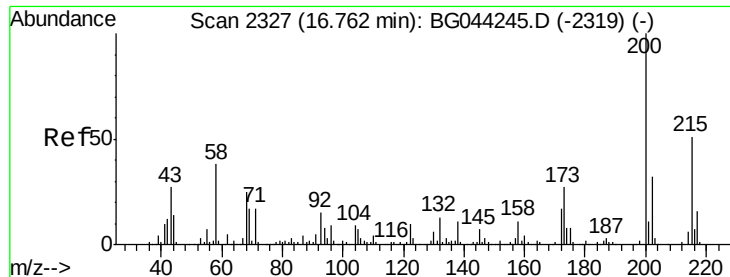
#68
 Hexachlorobenzene
 Concen: 34.990 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG044438.D
 Acq: 14 Feb 2020 14:40

Tgt Ion:284 Resp: 185245
 Ion Ratio Lower Upper
 284 100
 142 34.6 25.3 37.9
 249 32.3 25.5 38.3



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





#69

Atrazine

Concen: 40.529 ng

RT: 16.74 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

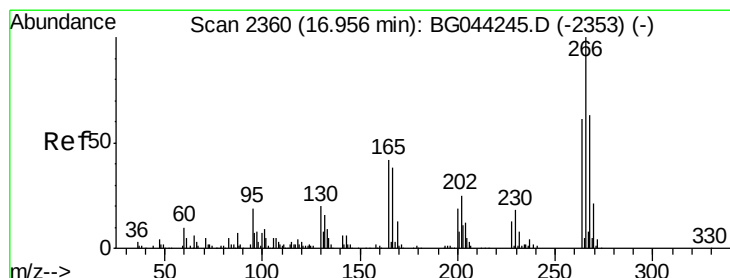
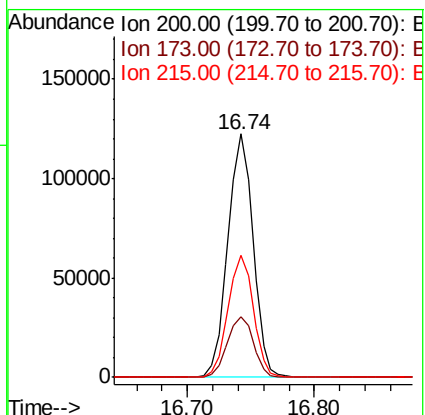
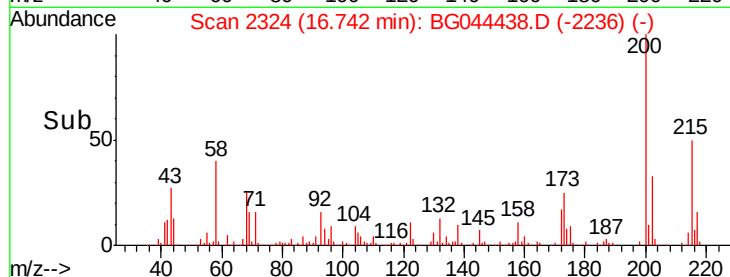
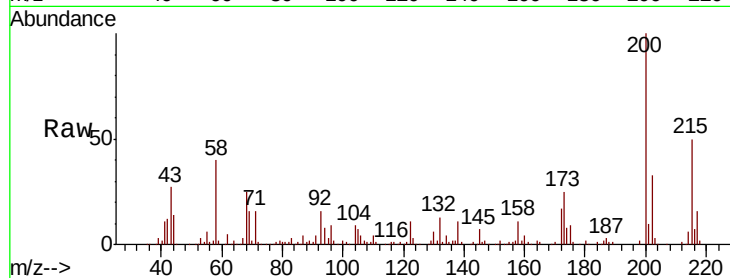
Tot Ion:200 Resp: 168853

Ion Ratio Lower Upper

200 100

173 25.1 6.6 46.6

215 50.3 31.0 71.0



#70

Pentachlorophenol

Concen: 73.453 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

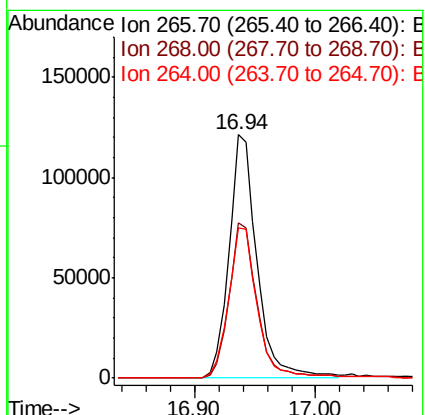
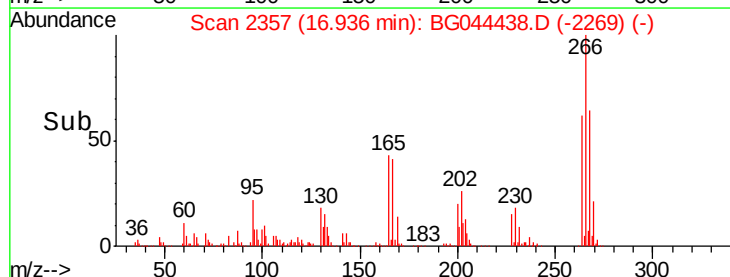
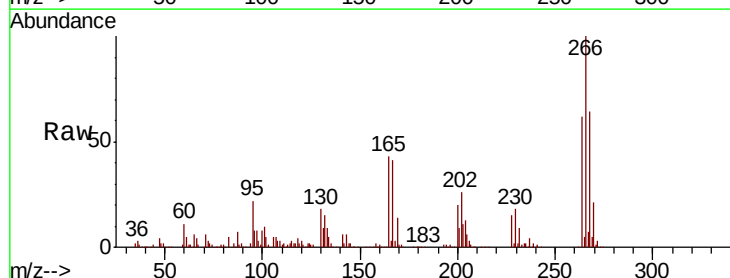
Tgt Ion:266 Resp: 195932

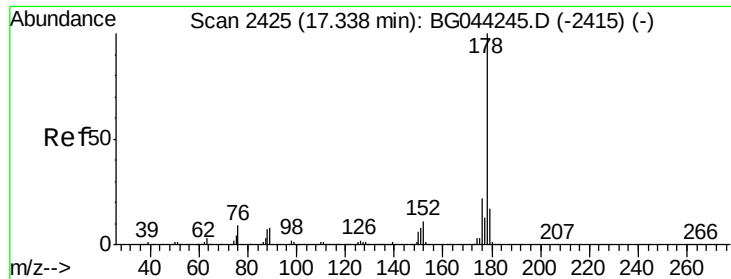
Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

264 61.6 48.7 73.1

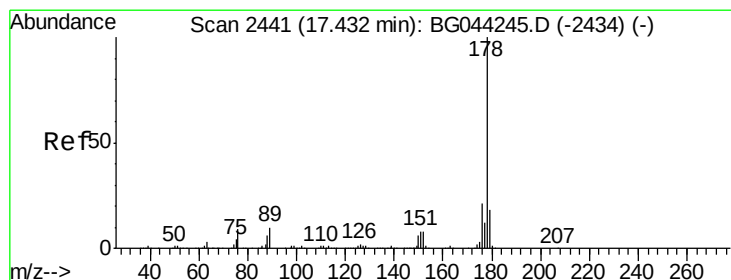
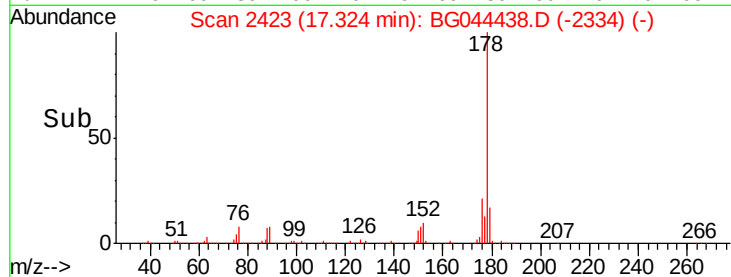
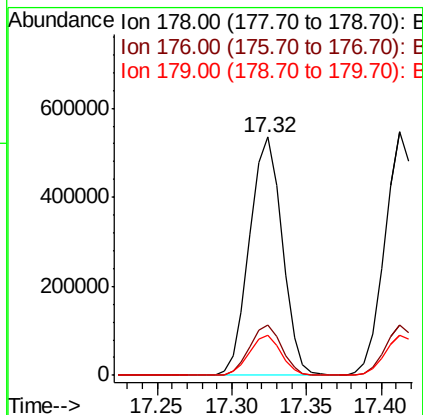
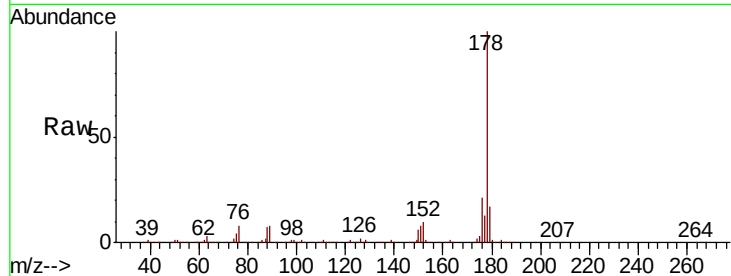




#71
Phenanthrene
Concen: 38.619 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

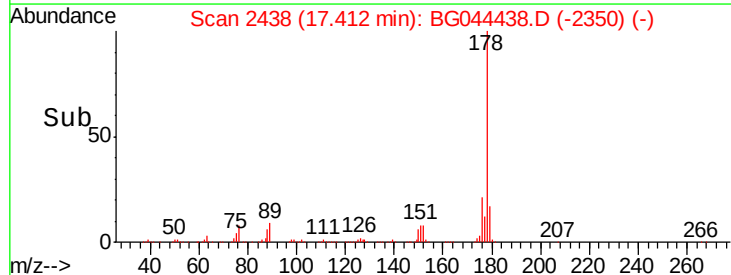
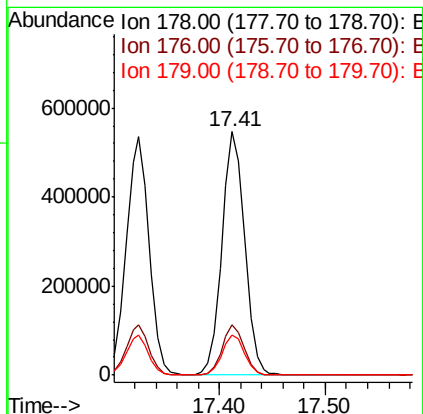
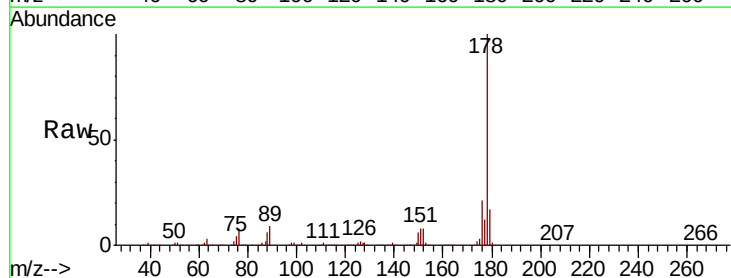
Instrument :
BNA_G
ClientSampleId :
PB126818BS

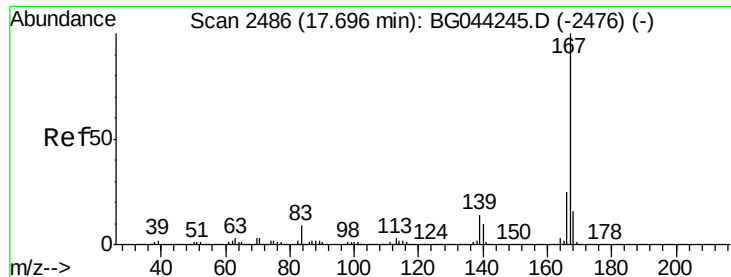
Tot Ion:178 Resp: 811124
Ion Ratio Lower Upper
178 100
176 21.0 17.7 26.5
179 16.8 13.7 20.5



#72
Anthracene
Concen: 39.360 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:178 Resp: 817325
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.4
179 16.7 14.4 21.6





#73

Carbazole

Concen: 40.710 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

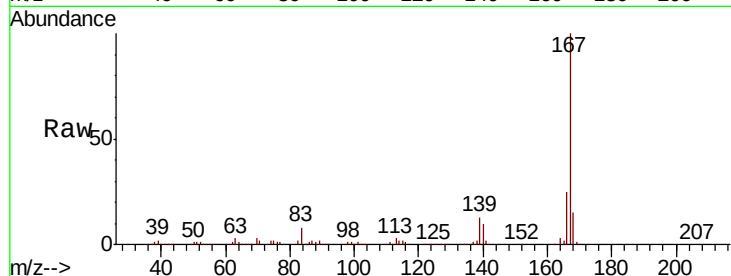
Tot Ion:167 Resp: 779317

Ion Ratio Lower Upper

167 100

166 24.5 19.8 29.6

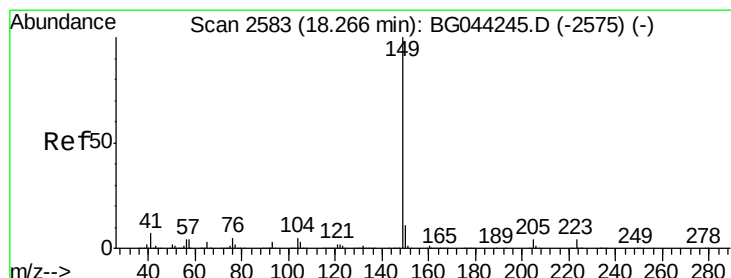
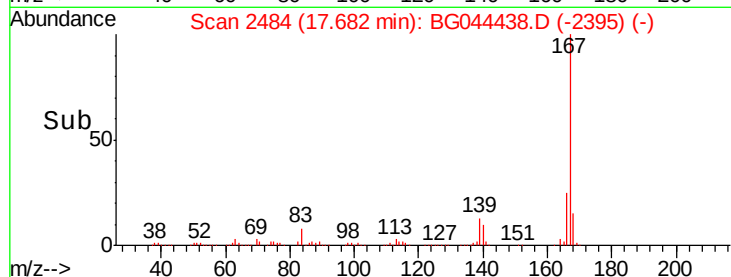
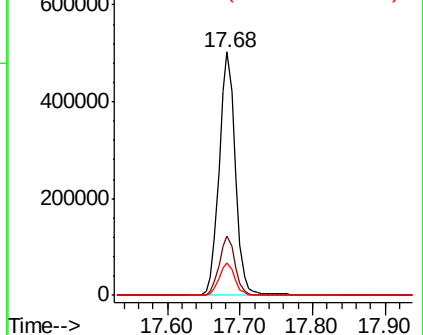
139 13.4 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.530 ng

RT: 18.25 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

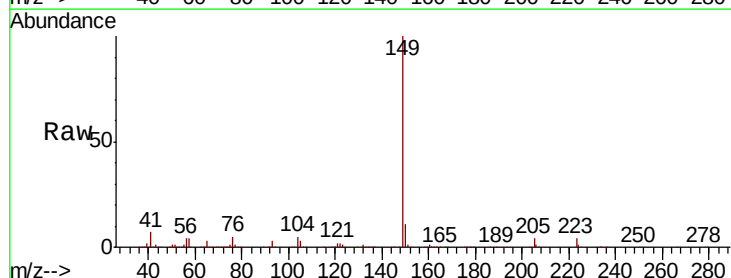
Tgt Ion:149 Resp: 982439

Ion Ratio Lower Upper

149 100

150 10.5 8.7 13.1

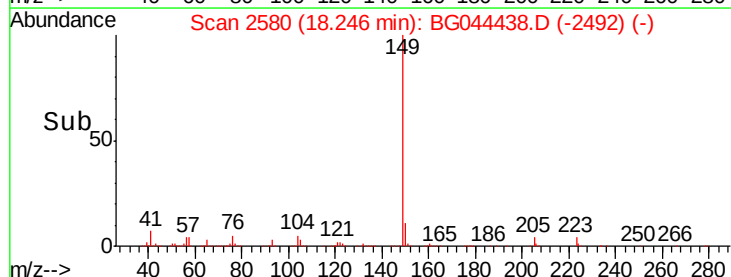
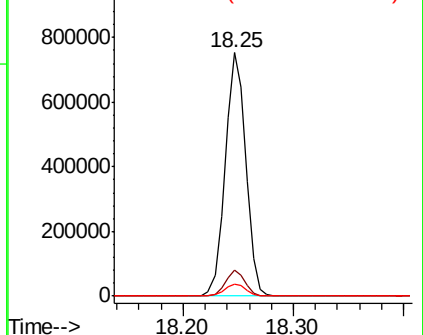
104 5.2 4.3 6.5

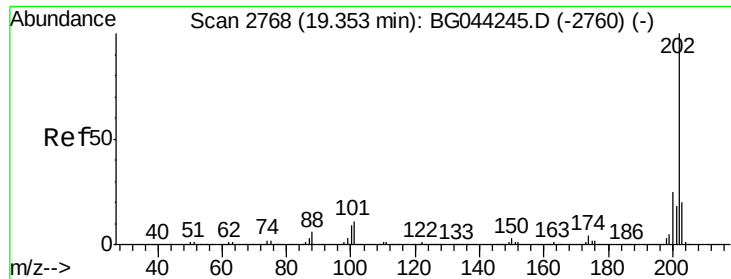


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.553 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

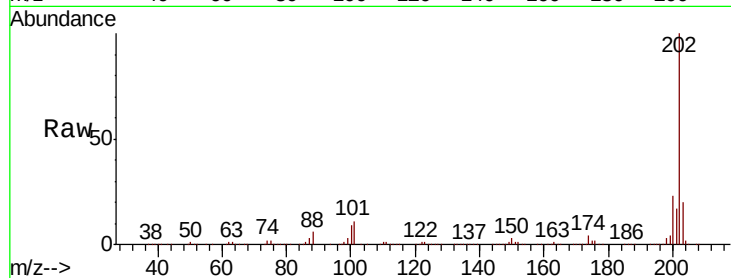
Tot Ion:202 Resp: 1033911

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

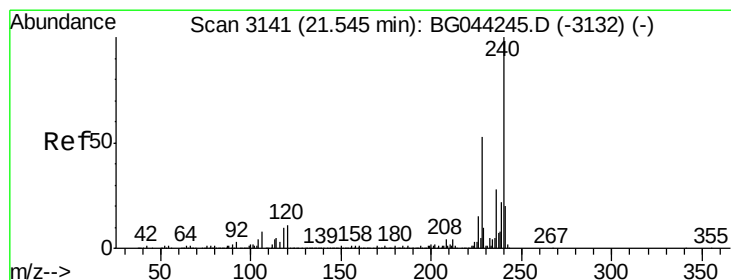
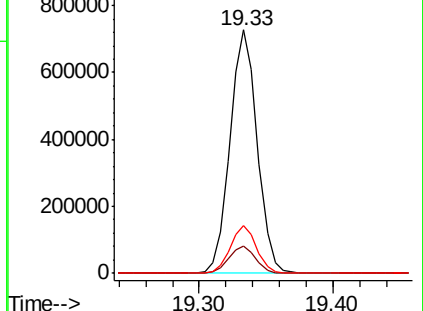
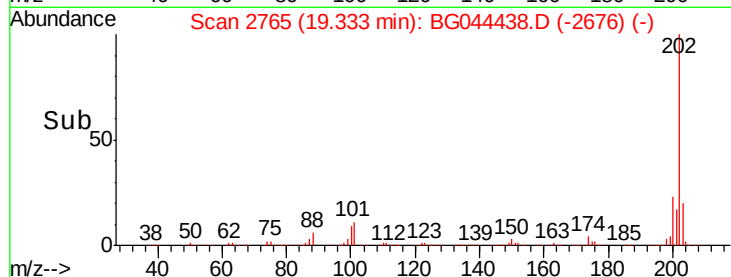
203 19.6 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

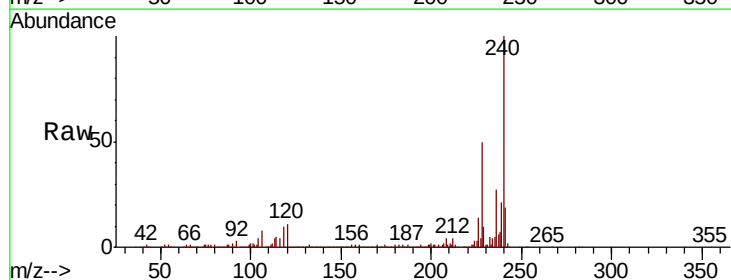
Tgt Ion:240 Resp: 427768

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

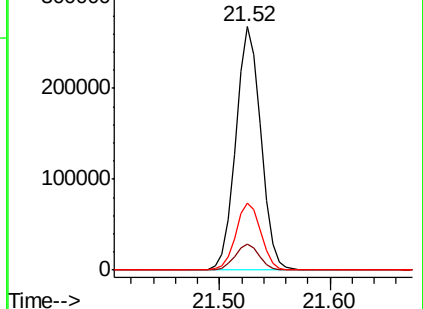
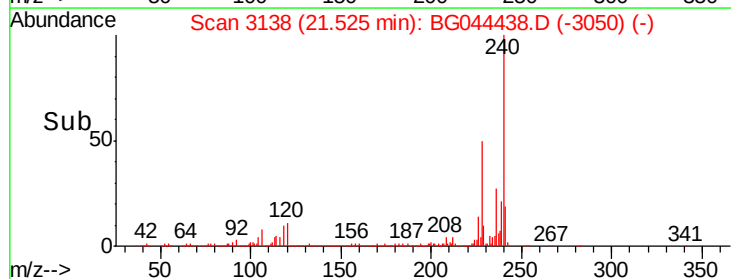
236 27.4 22.1 33.1

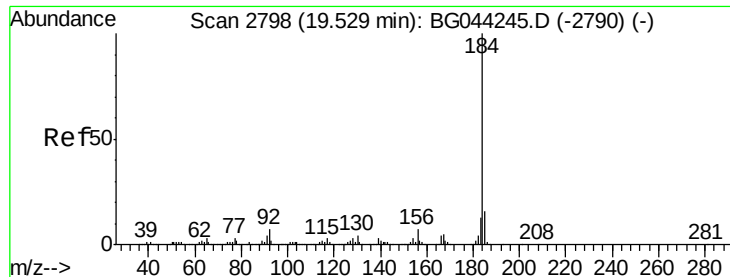


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.837 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

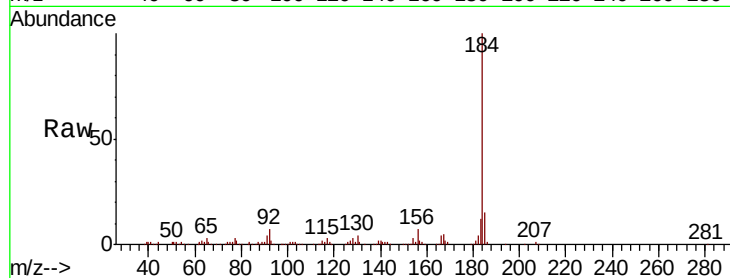
Tot Ion:184 Resp: 211642

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

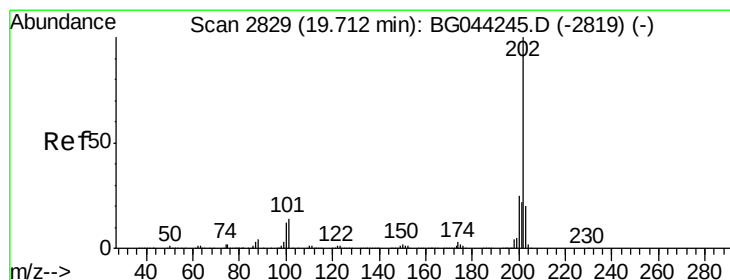
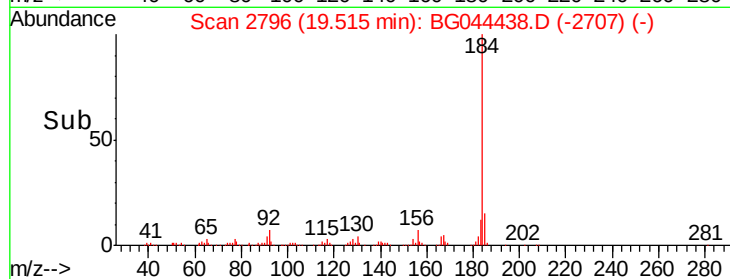
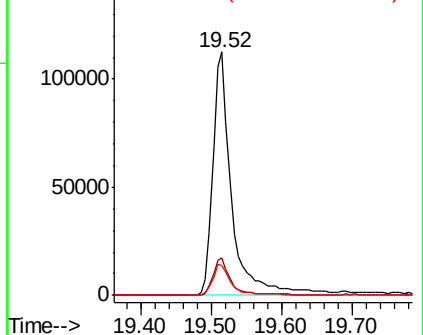
183 12.4 10.8 16.2



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: 38.240 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

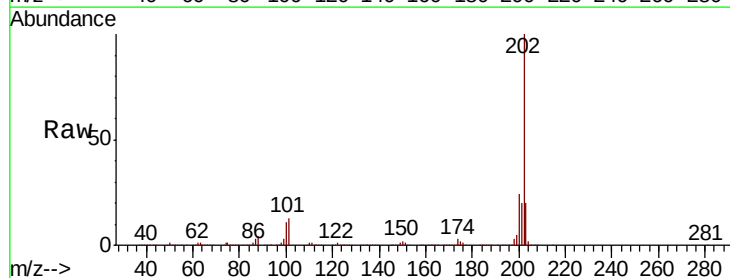
Tgt Ion:202 Resp: 1050520

Ion Ratio Lower Upper

202 100

200 23.6 20.0 30.0

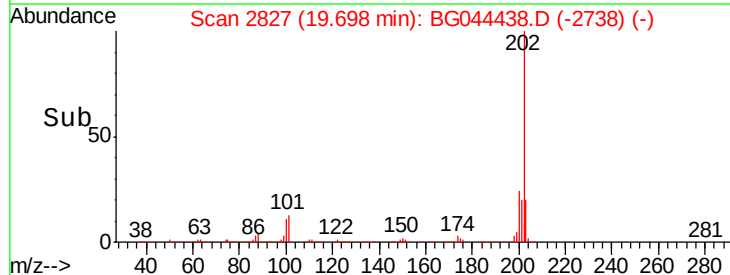
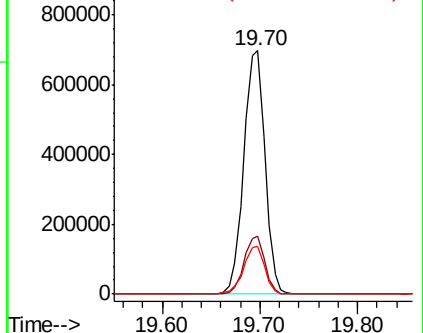
203 19.6 16.2 24.2

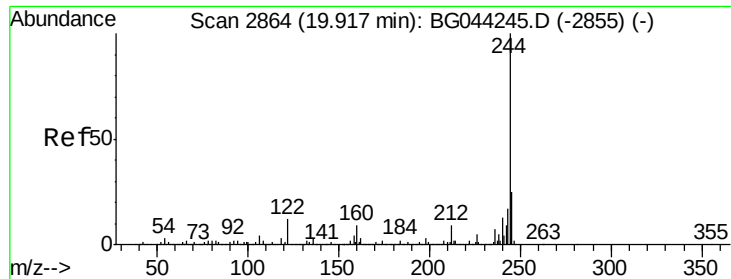


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.174 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

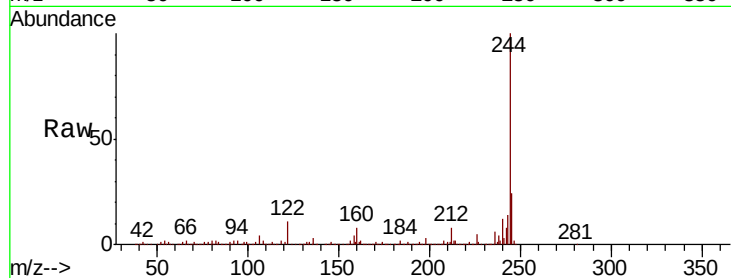
Tot Ion:244 Resp: 1334634

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

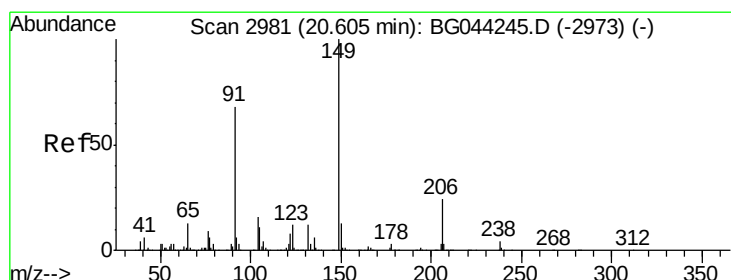
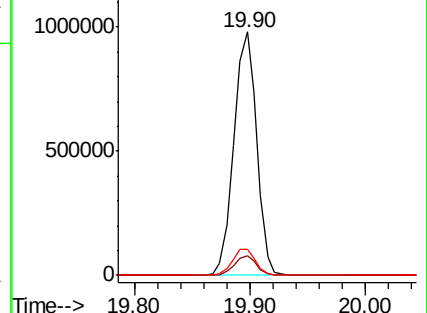
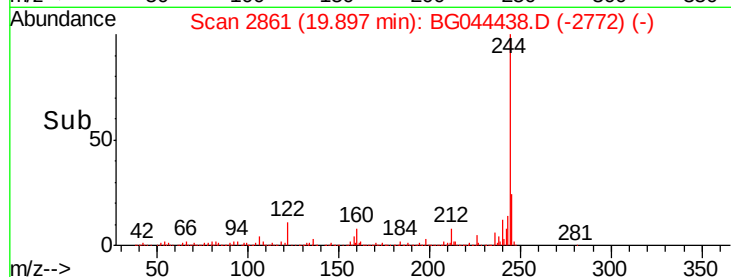
122 10.9 9.8 14.6



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: 37.367 ng

RT: 20.58 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

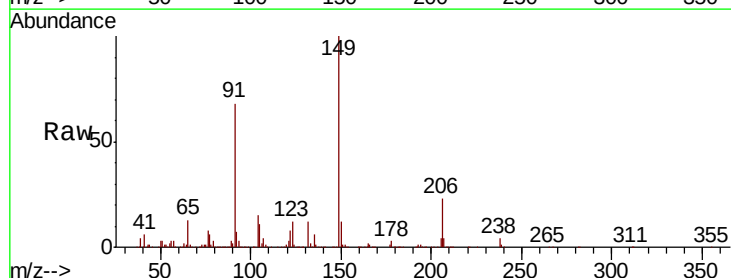
Tgt Ion:149 Resp: 467792

Ion Ratio Lower Upper

149 100

91 68.2 54.5 81.7

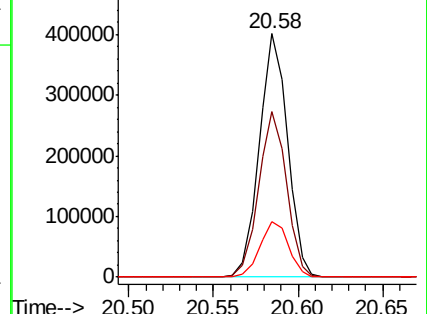
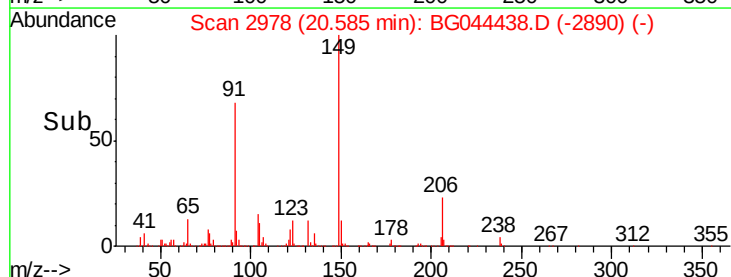
206 22.8 19.1 28.7

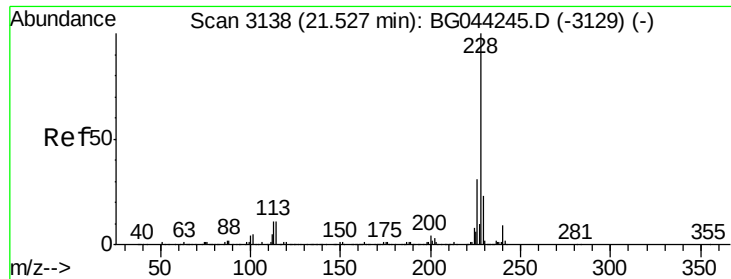


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.406 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

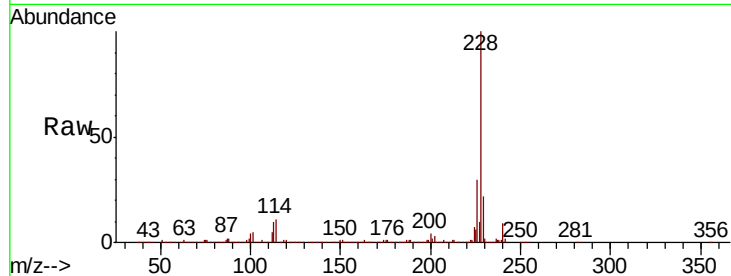
BNA_G

ClientSampleId :

PB126818BS

Tot Ion:228 Resp: 1012533

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	21.7	18.2	27.4

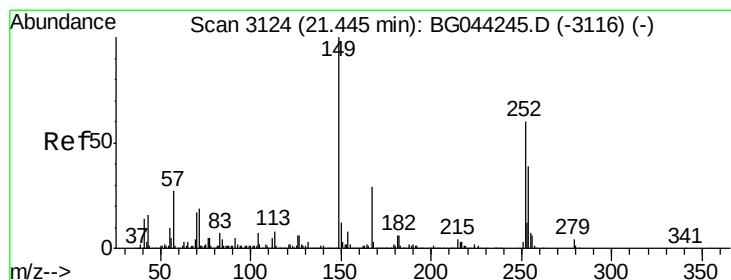
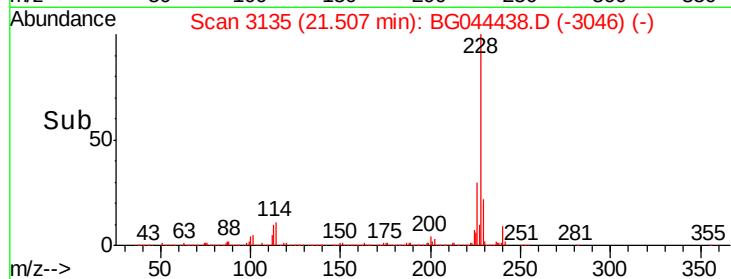
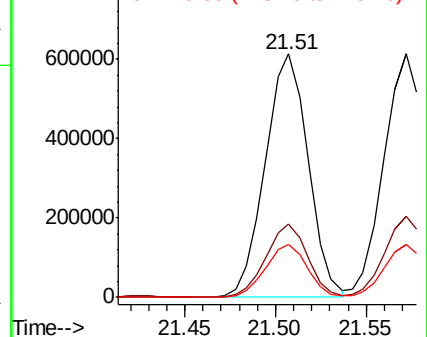


Abundance

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: 34.698 ng

RT: 21.42 min Scan# 3121

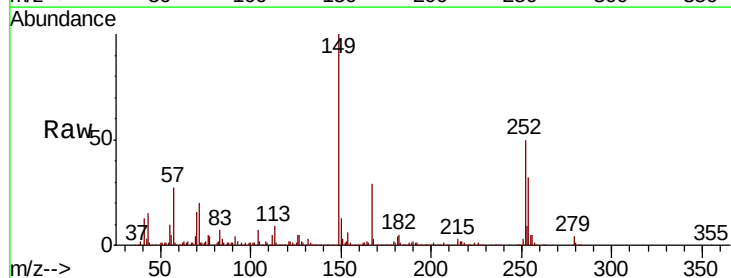
Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Tgt Ion:252 Resp: 355028

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.6	78.8
126	9.7	8.2	12.4

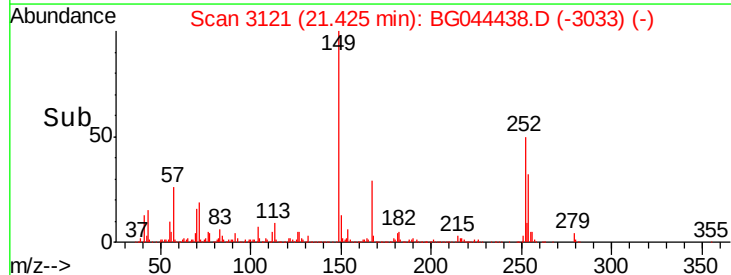
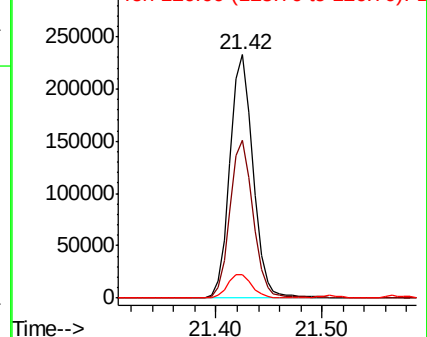


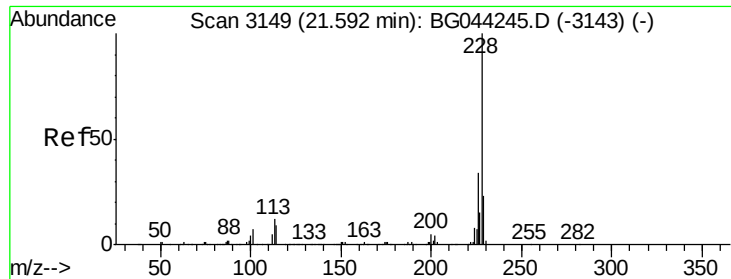
Abundance

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: 38.291 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

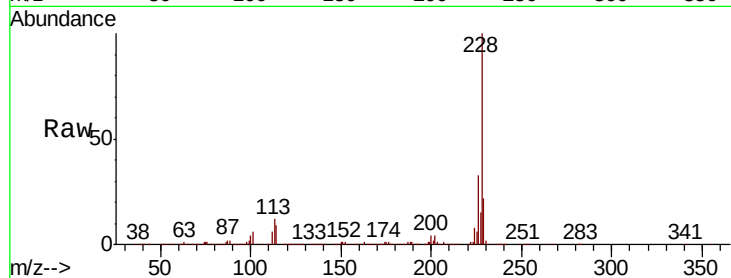
Tot Ion:228 Resp: 975781

Ion Ratio Lower Upper

228 100

226 33.4 27.1 40.7

229 21.9 17.9 26.9

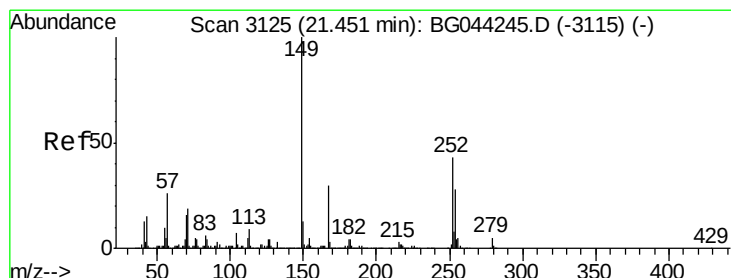
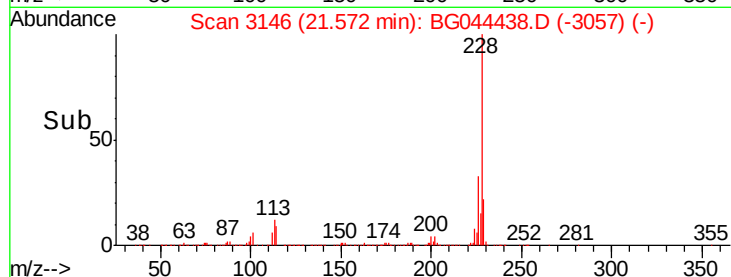
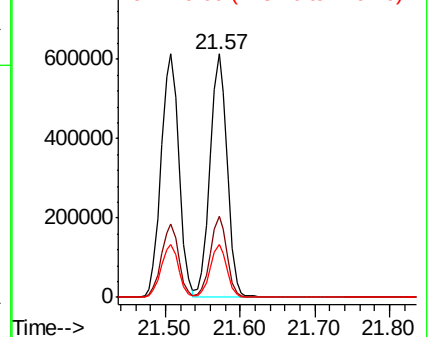


Abundance

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: 37.990 ng

RT: 21.42 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

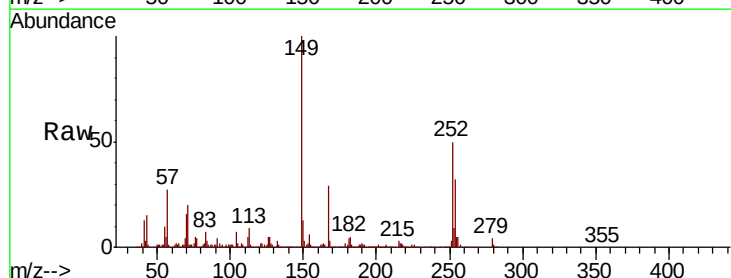
Tgt Ion:149 Resp: 654623

Ion Ratio Lower Upper

149 100

167 29.3 24.0 36.0

279 4.3 3.8 5.8

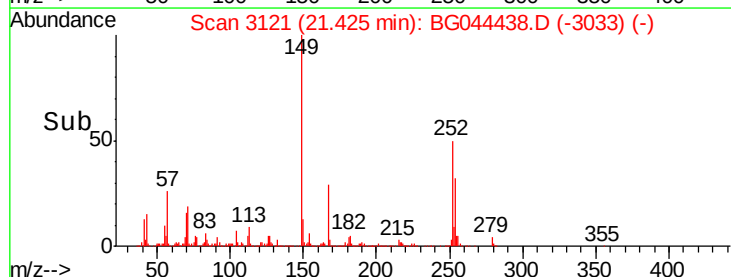
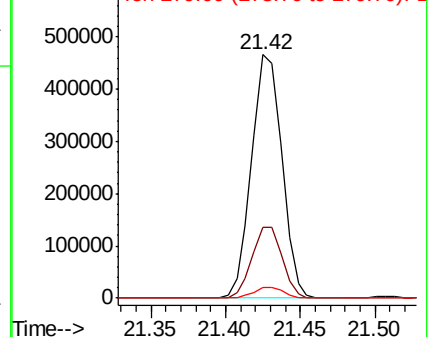


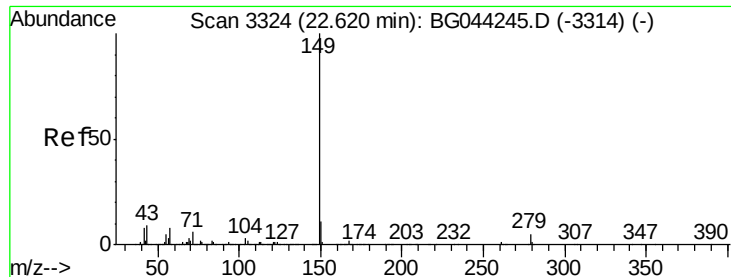
Abundance

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: 38.905 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

Instrument :

BNA_G

ClientSampleId :

PB126818BS

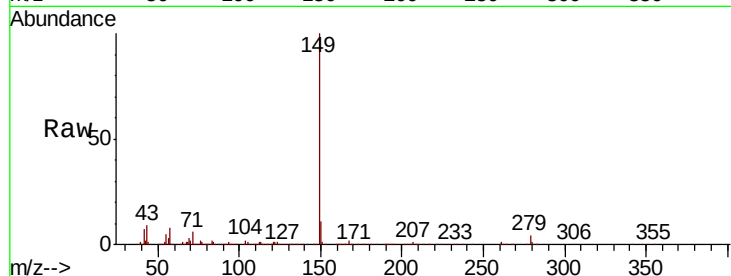
Tot Ion:149 Resp: 1159908

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

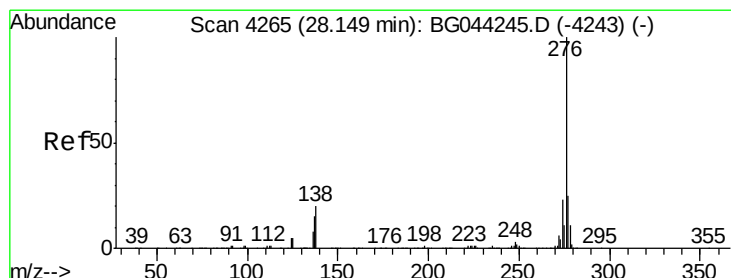
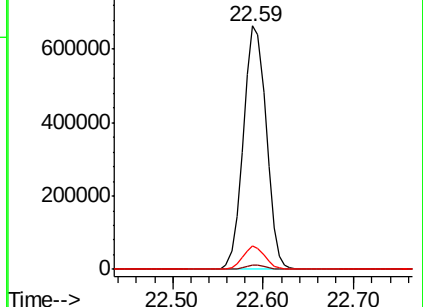
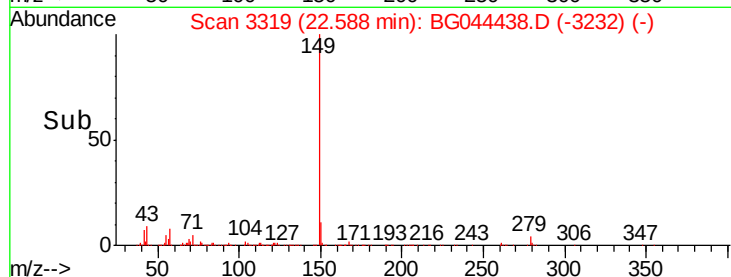
43 8.8 7.4 11.0



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: 36.480 ng

RT: 28.11 min Scan# 4258

Delta R.T. -0.01 min

Lab File: BG044438.D

Acq: 14 Feb 2020 14:40

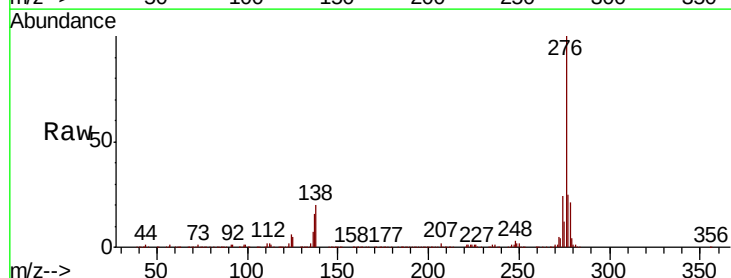
Tgt Ion:276 Resp: 1212838

Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

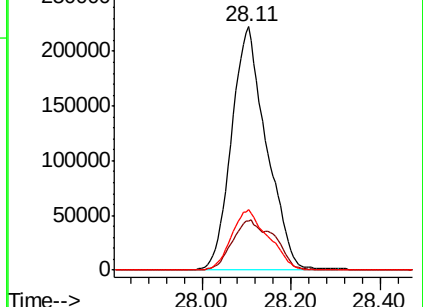
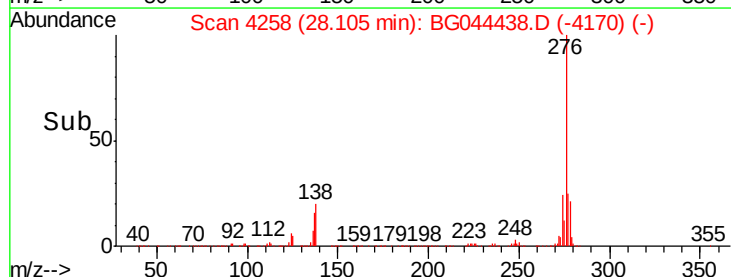
277 26.3 21.0 31.6

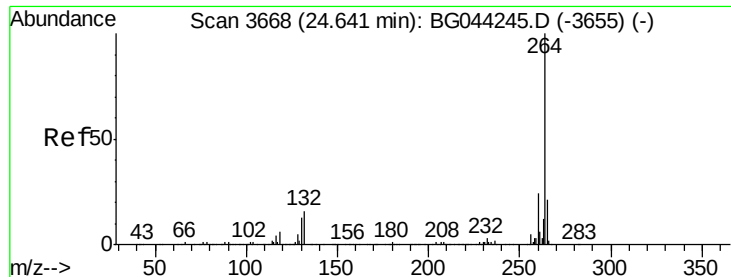


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

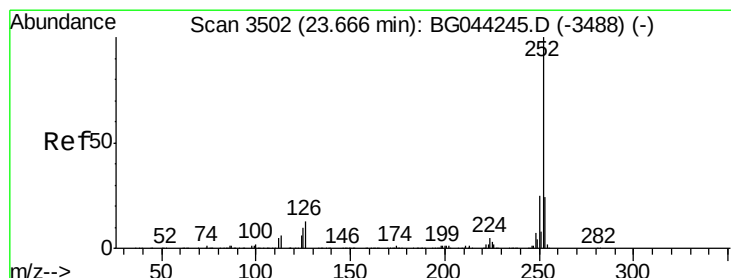
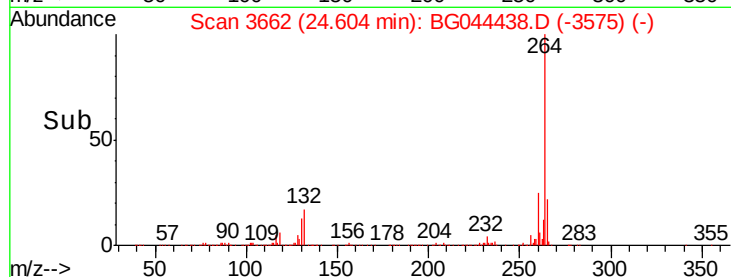
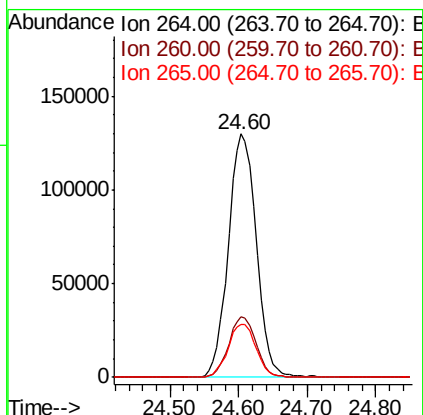
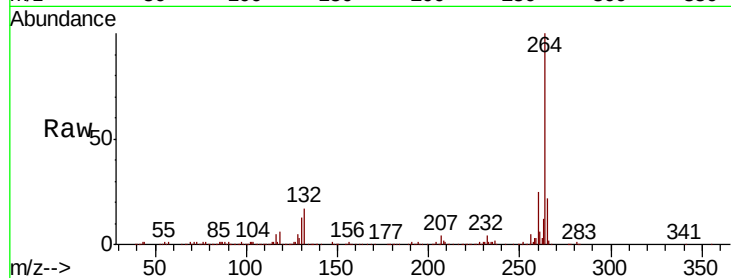




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

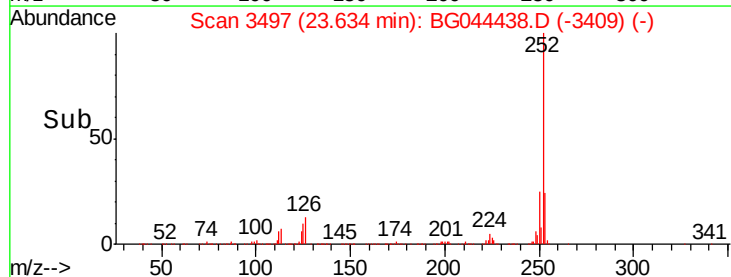
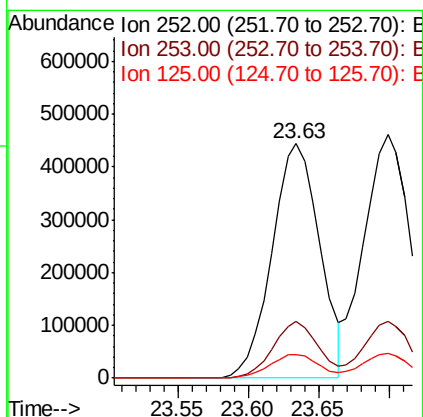
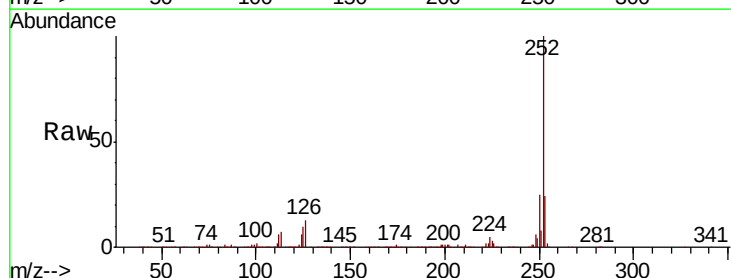
Instrument :
BNA_G
ClientSampleId :
PB126818BS

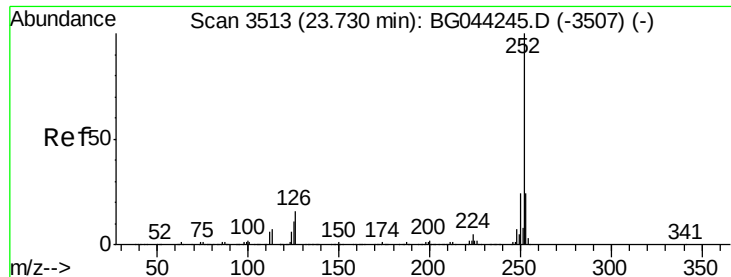
Tot Ion:264 Resp: 367520
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 21.8 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 49.391 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:252 Resp: 1046001
Ion Ratio Lower Upper
252 100
253 24.2 19.2 28.8
125 10.1 8.4 12.6

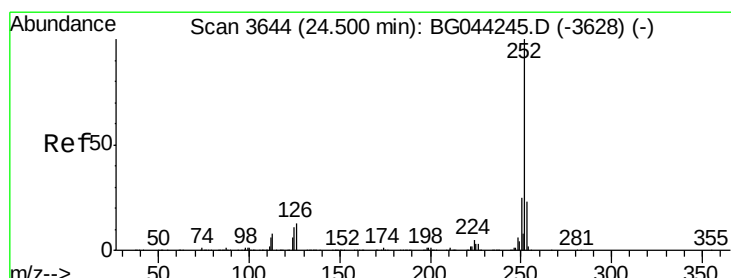
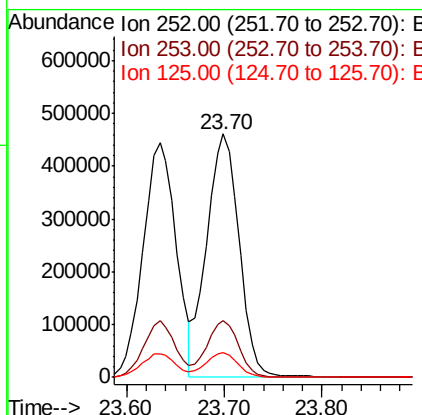
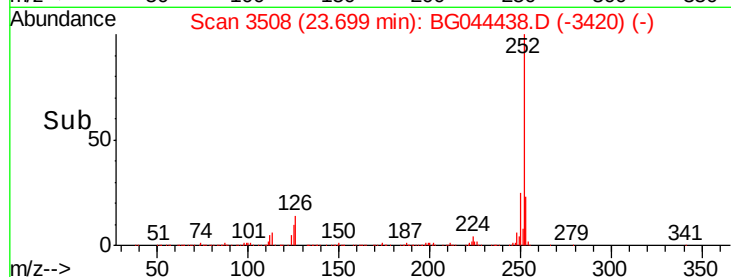
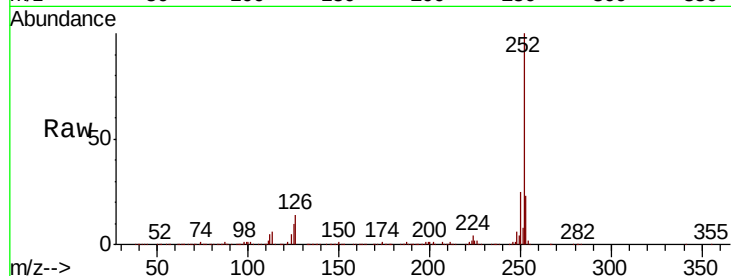




#89
Benzo(k)fluoranthene
Concen: 51.211 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

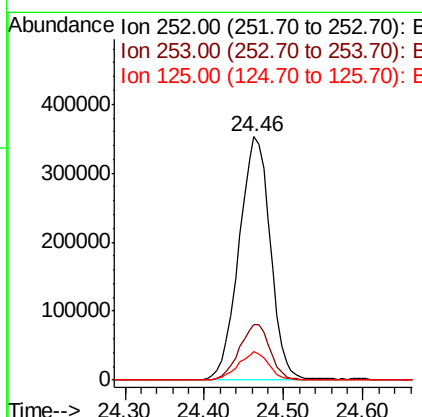
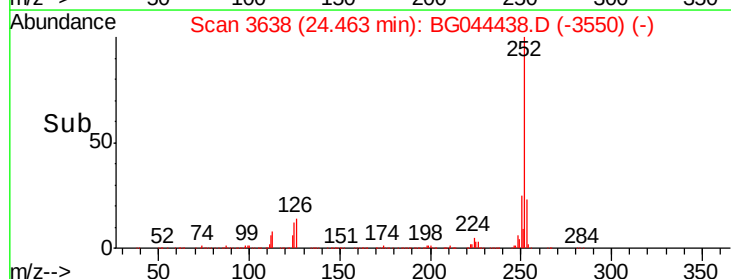
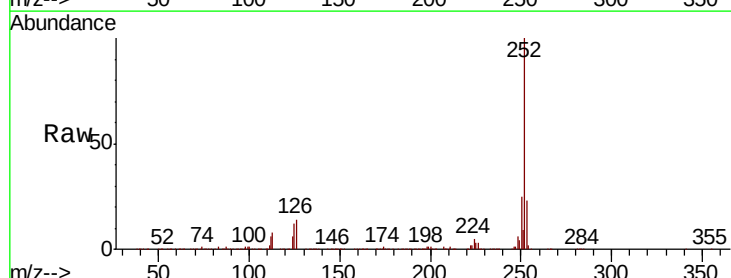
Instrument :
BNA_G
ClientSampleId :
PB126818BS

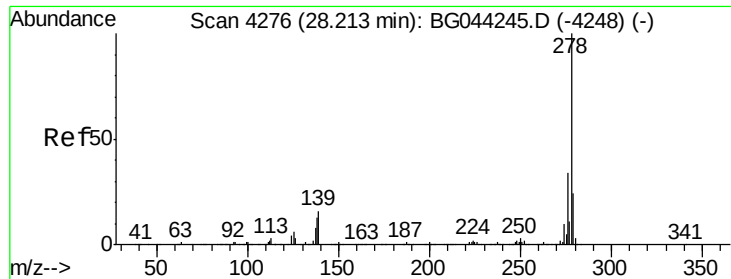
Tot Ion:252 Resp: 1057032
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 48.307 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:252 Resp: 967262
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.6 8.6 13.0



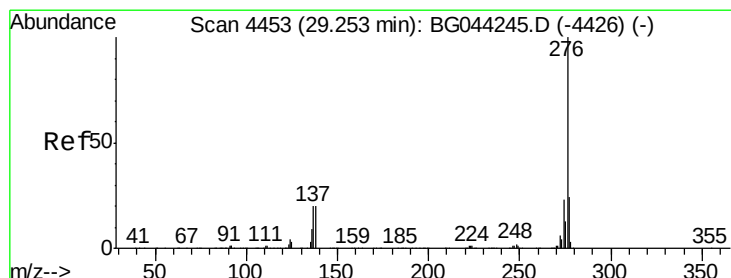
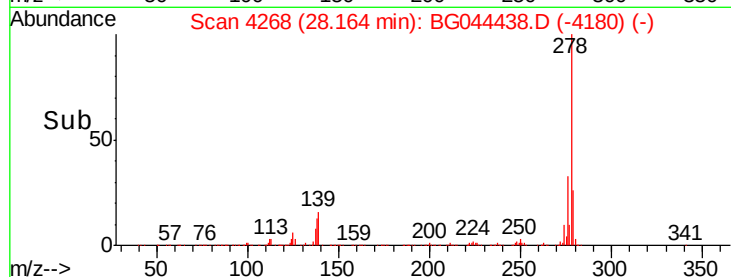
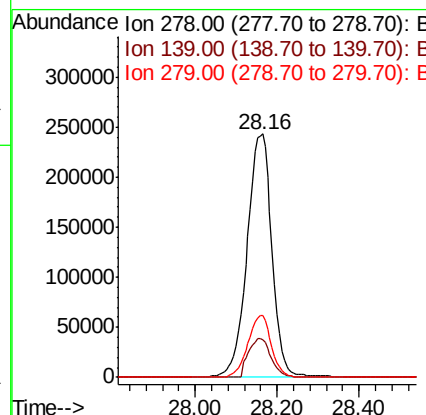
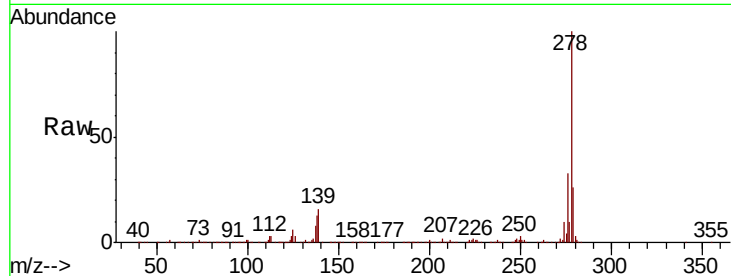


#91
Dibenzo(a,h)anthracene
Concen: 51.522 ng
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Instrument :
BNA_G
ClientSampleId :
PB126818BS

Tot Ion:278 Resp: 1020995

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	25.6	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 51.862 ng
RT: 29.19 min Scan# 4443
Delta R.T. -0.01 min
Lab File: BG044438.D
Acq: 14 Feb 2020 14:40

Tgt Ion:276 Resp: 1028814

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.6	16.2	24.2

