

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
 Data File : BG044930.D
 Acq On : 24 Mar 2020 14:51
 Operator : CG/JU
 Sample : PB127768BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Quant Time: Mar 24 15:33:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91205	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	353688	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	237029	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	520118	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	479240	20.00	ng	-0.01
87) Perylene-d12	24.89	264	539070	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	792433	135.25	ng	0.00
7) Phenol-d6	7.21	99	1058011	124.29	ng	0.00
23) Nitrobenzene-d5	9.20	82	676300	83.91	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	418018	134.69	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1430771	86.44	ng	0.00
79) Terphenyl-d14	20.03	244	2180224	85.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	103937	36.839	ng	95
3) Pyridine	3.91	79	295192	35.343	ng	97
4) n-Nitrosodimethylamine	3.82	42	145536	45.925	ng	# 94
6) Aniline	7.36	93	389246	36.748	ng	100
8) 2-Chlorophenol	7.61	128	300544	51.387	ng	94
9) Benzaldehyde	7.17	77	224857	44.886	ng	99
10) Phenol	7.23	94	391258	46.425	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	283427	42.139	ng	95
12) 1,3-Dichlorobenzene	7.93	146	324641	45.060	ng	97
13) 1,4-Dichlorobenzene	8.08	146	318403	44.702	ng	98
14) 1,2-Dichlorobenzene	8.40	146	295755	43.781	ng	96
15) Benzyl Alcohol	8.28	79	295109	43.208	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	430660	36.283	ng	99
17) 2-Methylphenol	8.48	107	266093	46.612	ng	97
18) Hexachloroethane	9.13	117	118828	42.375	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	239798	39.895	ng	97
20) 3+4-Methylphenols	8.81	107	368526	46.830	ng	97
22) Acetophenone	8.86	105	443465	44.258	ng	99
24) Nitrobenzene	9.24	77	372094	44.491	ng	99
25) Isophorone	9.77	82	661250	42.035	ng	98
26) 2-Nitrophenol	9.96	139	141977	48.796	ng	96
27) 2,4-Dimethylphenol	10.01	122	263748	51.485	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	387022	41.225	ng	98
29) 2,4-Dichlorophenol	10.50	162	290872	48.612	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	317632	44.396	ng	94
31) Naphthalene	10.90	128	878946	44.861	ng	99
32) Benzoic acid	10.17	122	137708	37.225	ng	95
33) 4-Chloroaniline	11.00	127	192834	21.846	ng	98
34) Hexachlorobutadiene	11.20	225	210877	44.820	ng	95
35) Caprolactam	11.82	113	47832	21.114	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	330750	46.348	ng	98
37) 2-Methylnaphthalene	12.51	142	657563	44.866	ng	96
38) 1-Methylnaphthalene	12.72	142	621405	45.099	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	345638	44.278	ng	99

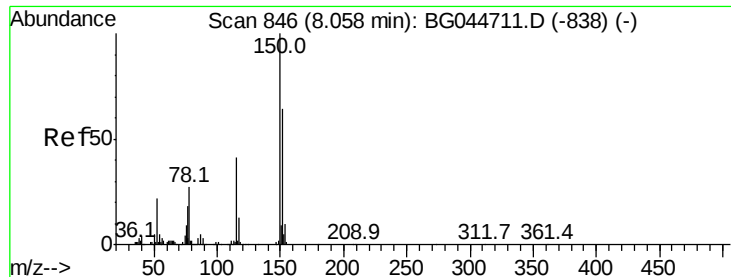
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	468783	109.886	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	241586	46.634	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	260348	48.459	ng	95
46) 1,1'-Biphenyl	13.51	154	811002	42.816	ng	99
47) 2-Chloronaphthalene	13.55	162	635223	43.900	ng	97
48) 2-Nitroaniline	13.75	65	214917	42.425	ng	97
49) Acenaphthylene	14.40	152	1027827	45.341	ng	98
50) Dimethylphthalate	14.13	163	823492	43.621	ng	98
51) 2,6-Dinitrotoluene	14.24	165	185794	48.825	ng	96
52) Acenaphthene	14.74	154	721036	48.567	ng	99
53) 3-Nitroaniline	14.57	138	128770	29.434	ng	97
54) 2,4-Dinitrophenol	14.77	184	176619	87.904	ng	96
55) Dibenzofuran	15.07	168	973569	45.222	ng	97
56) 4-Nitrophenol	14.88	139	303037	90.760	ng	93
57) 2,4-Dinitrotoluene	15.03	165	258251	49.484	ng	# 95
58) Fluorene	15.72	166	808885	45.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	240471	48.616	ng	94
60) Diethylphthalate	15.50	149	838327	42.577	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	430482	45.143	ng	98
62) 4-Nitroaniline	15.73	138	195856	41.984	ng	93
63) Azobenzene	16.01	77	856972	41.912	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	134456	53.818	ng	96
66) n-Nitrosodiphenylamine	15.93	169	727242	46.442	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	299428	46.050	ng	99
68) Hexachlorobenzene	16.74	284	322455	45.711	ng	99
69) Atrazine	16.88	200	281266	49.026	ng	98
70) Pentachlorophenol	17.07	266	381981	98.415	ng	98
71) Phenanthrene	17.46	178	1279886	46.049	ng	99
72) Anthracene	17.55	178	1312846	47.902	ng	99
73) Carbazole	17.82	167	1207096	45.852	ng	100
74) Di-n-butylphthalate	18.39	149	1401960	43.808	ng	99
75) Fluoranthene	19.47	202	1561170	47.174	ng	99
77) Benzidine	19.64	184	805406	51.768	ng	99
78) Pyrene	19.83	202	1556061	44.256	ng	99
80) Butylbenzylphthalate	20.72	149	618223	39.523	ng	99
81) Benzo(a)anthracene	21.67	228	1495221	43.329	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	409718	30.690	ng	97
83) Chrysene	21.74	228	1435697	43.554	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	870064	40.303	ng	98
85) Di-n-octyl phthalate	22.81	149	1482115	41.027	ng	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	1934676	44.767	ng	# 93
88) Benzo(b)fluoranthene	23.89	252	1653865	46.472	ng	98
89) Benzo(k)fluoranthene	23.95	252	1569993	46.617	ng	98
90) Benzo(a)pyrene	24.74	252	1517055	45.557	ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1578001	48.033	ng	98
92) Benzo(g,h,i)perylene	29.69	276	1577213	47.518	ng	97

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

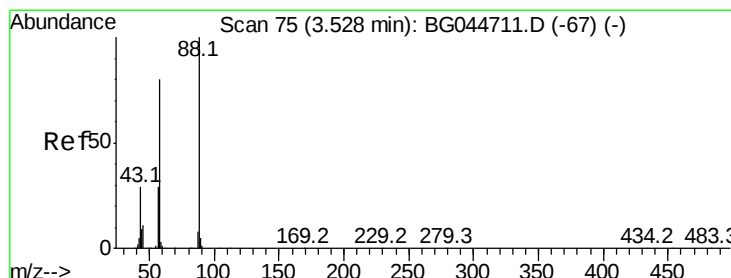
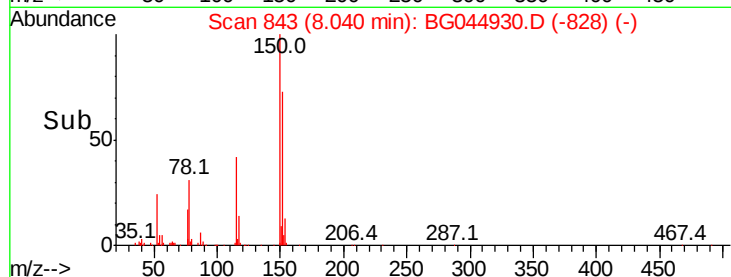
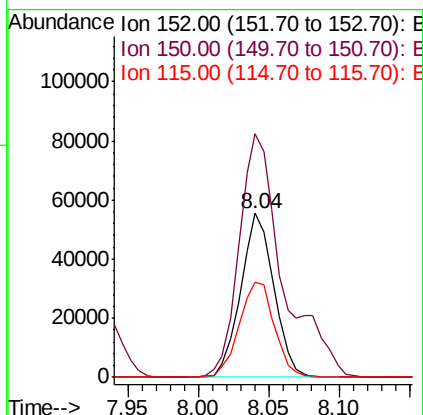
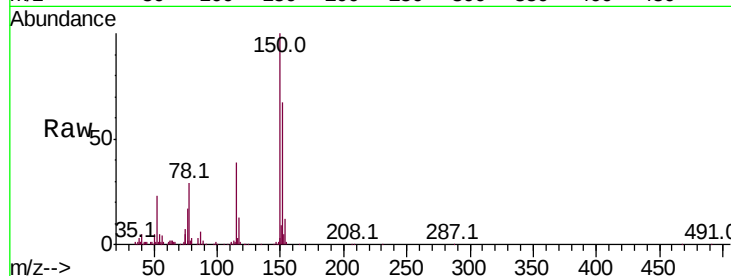


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampled :
PB127768BS

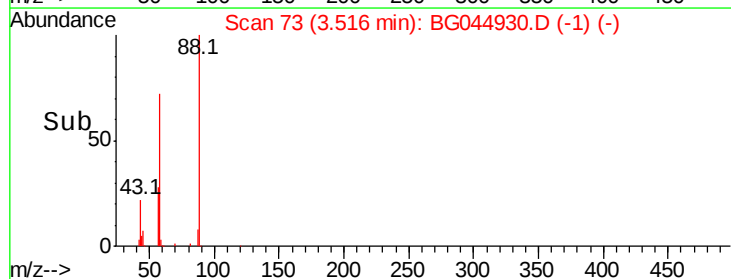
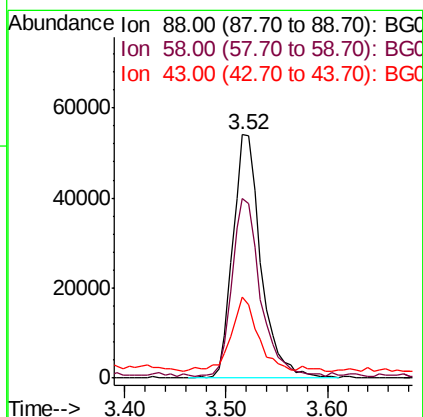
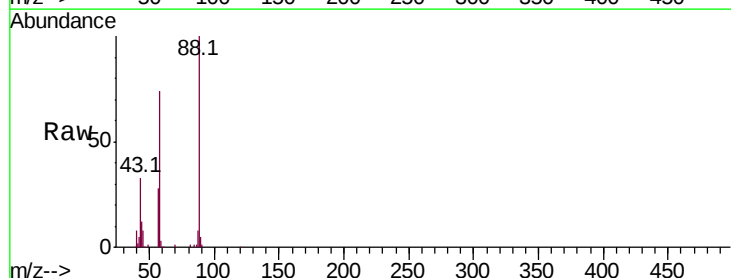
Tot Ion:152 Resp: 91205
Ion Ratio Lower Upper
152 100
150 148.5 128.8 193.2
115 58.1 52.6 79.0

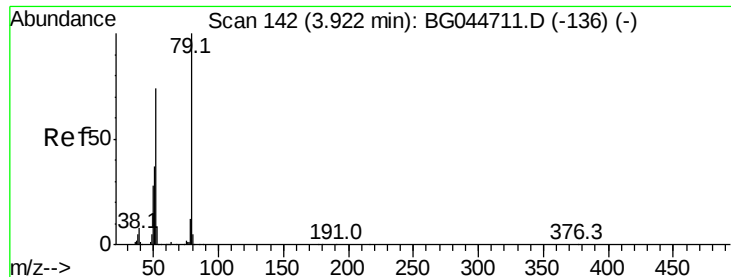


#2

1,4-Dioxane
Concen: 36.839 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion: 88 Resp: 103937
Ion Ratio Lower Upper
88 100
58 73.2 63.0 94.4
43 29.8 24.8 37.2





#3

Pvridine

Concen: 35.343 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

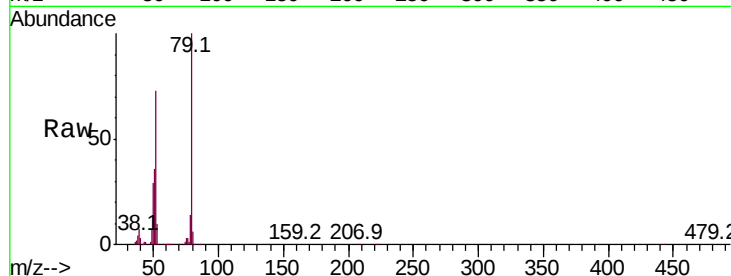
Tot Ion: 79 Resp: 295192

Ion Ratio Lower Upper

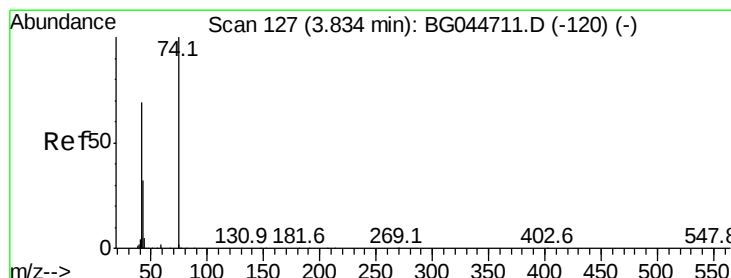
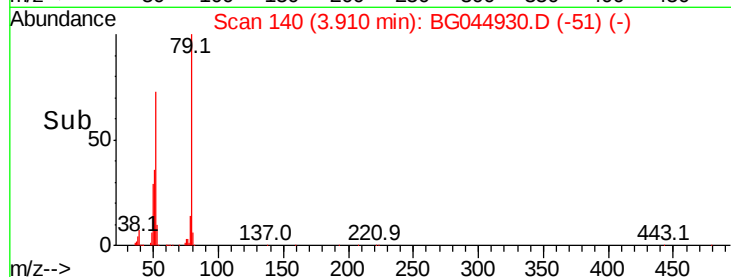
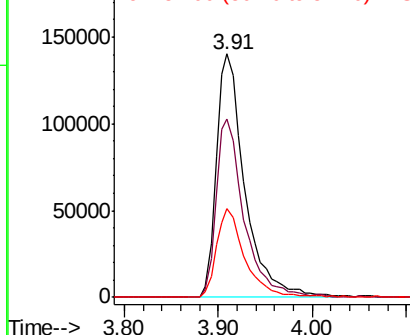
79 100

52 73.4 56.3 84.5

51 36.4 28.1 42.1



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: 45.925 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

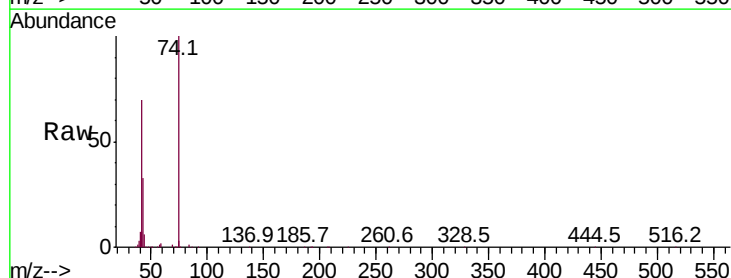
Tgt Ion: 42 Resp: 145536

Ion Ratio Lower Upper

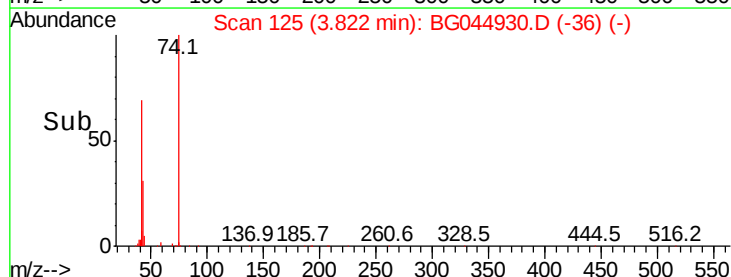
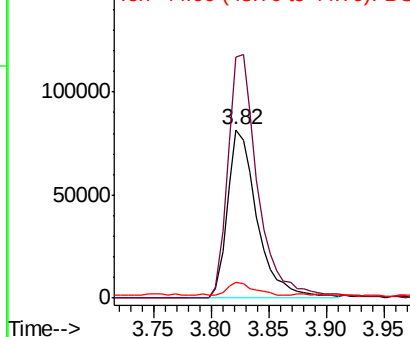
42 100

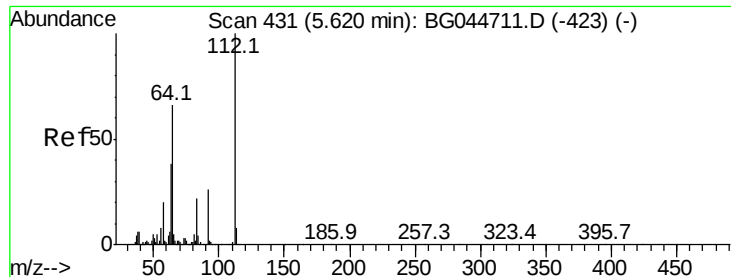
74 143.5 109.1 163.7

44 9.1 5.4 8.2#



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: 135.253 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

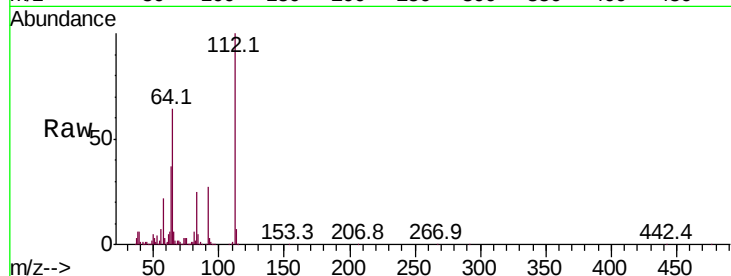
Tot Ion:112 Resp: 792433

Ion Ratio Lower Upper

112 100

64 64.0 53.4 80.2

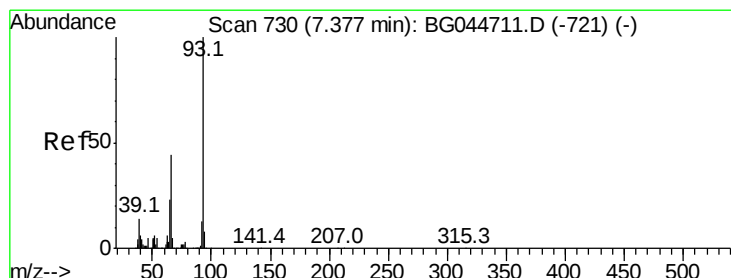
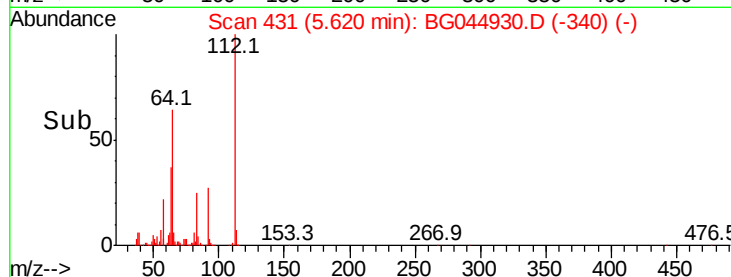
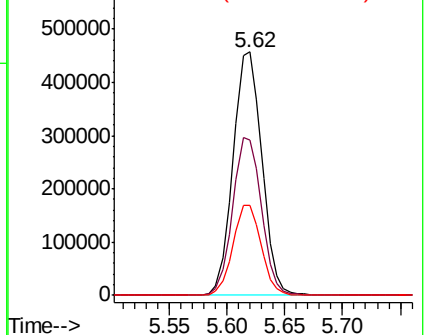
63 36.9 29.4 44.2



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: 36.748 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

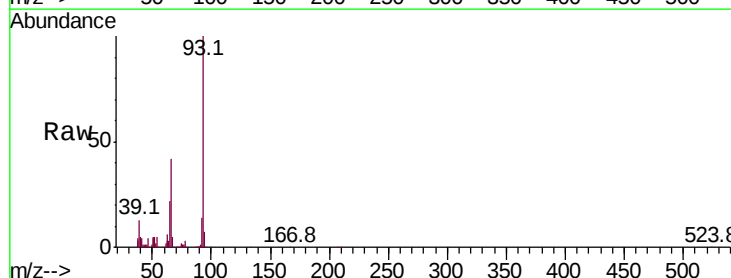
Tgt Ion: 93 Resp: 389246

Ion Ratio Lower Upper

93 100

66 42.2 33.7 50.5

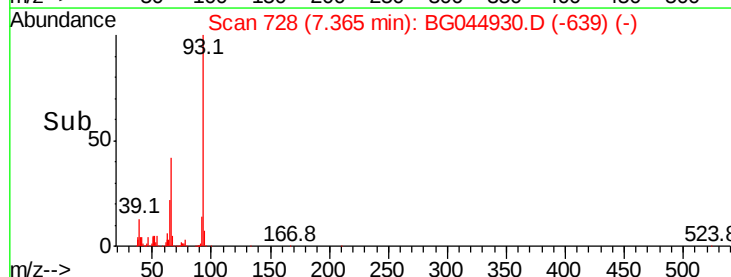
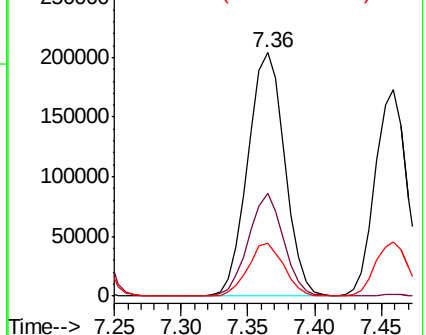
65 21.5 17.7 26.5

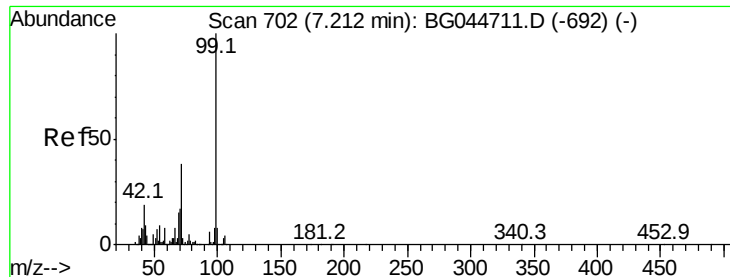


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.288 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

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PB127768BS

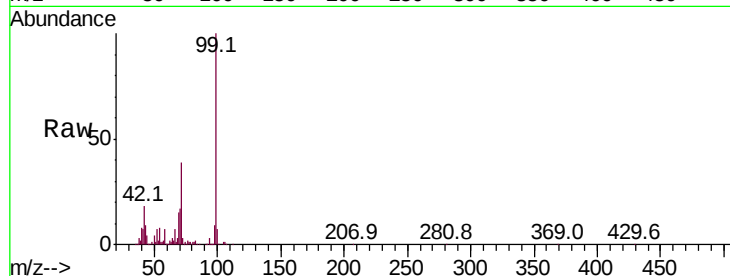
Tot Ion: 99 Resp: 1058011

Ion Ratio Lower Upper

99 100

42 18.2 12.6 19.0

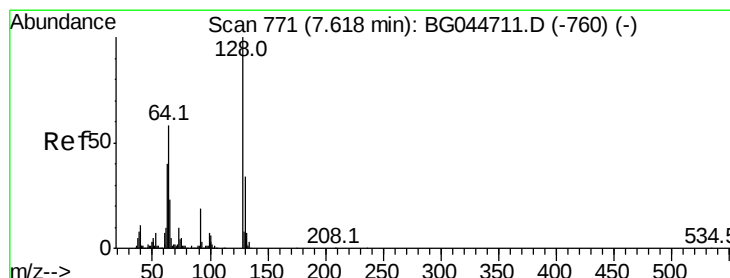
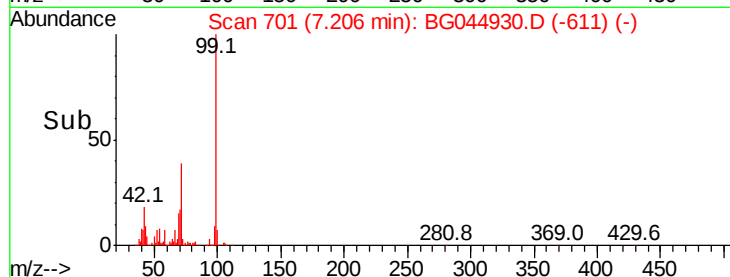
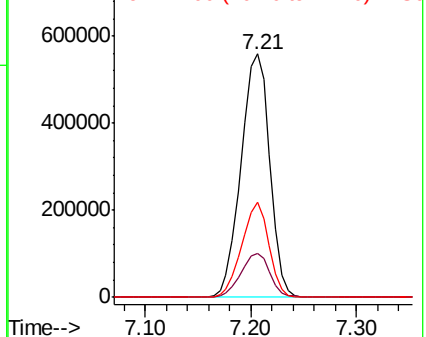
71 39.2 29.0 43.4



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: 51.387 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

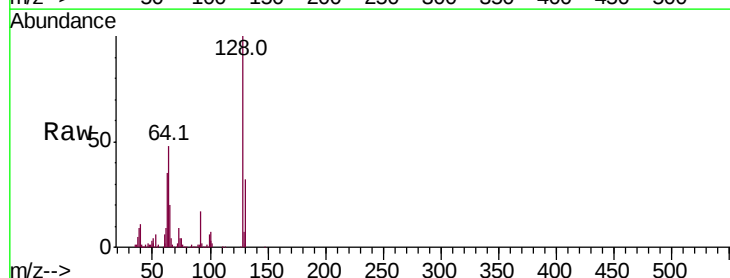
Tgt Ion:128 Resp: 300544

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

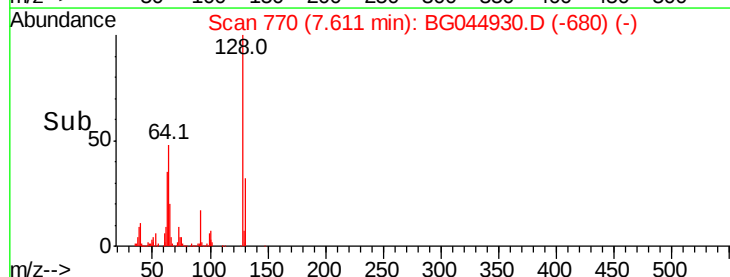
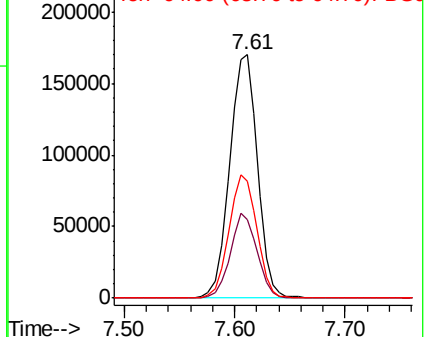
64 48.1 34.5 74.5

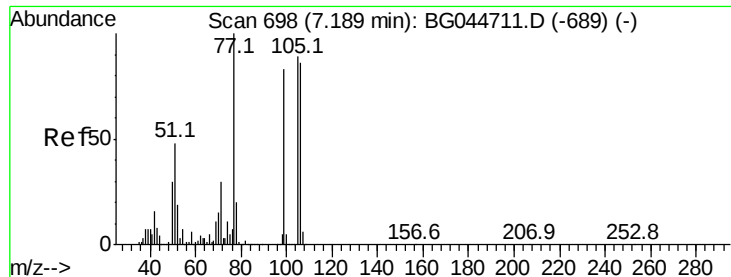


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 44.886 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

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ClientSampleId :

PB127768BS

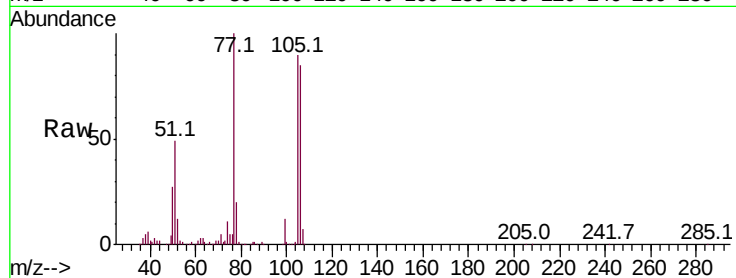
Tot Ion: 77 Resp: 224857

Ion Ratio Lower Upper

77 100

105 90.5 69.3 109.3

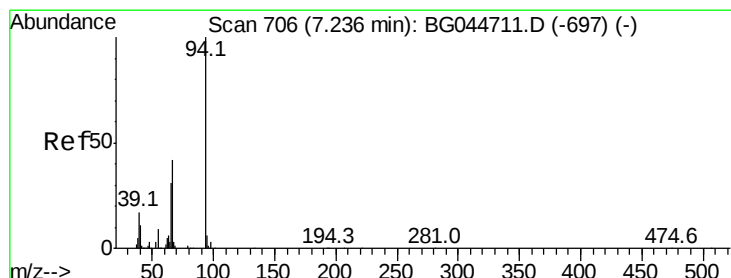
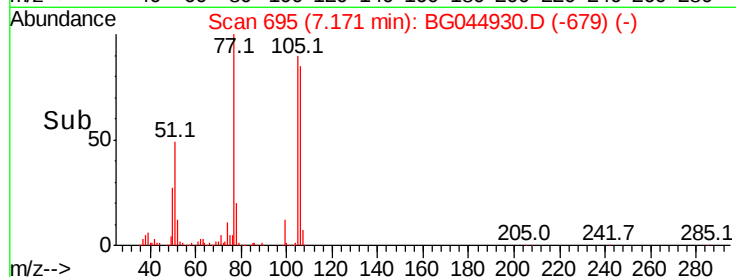
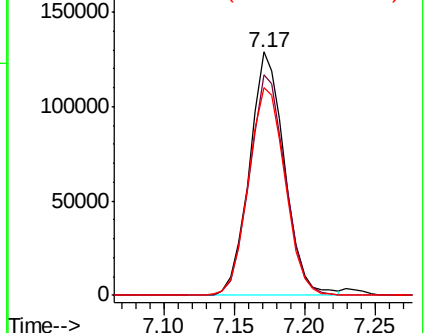
106 85.4 64.5 104.5



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: 46.425 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

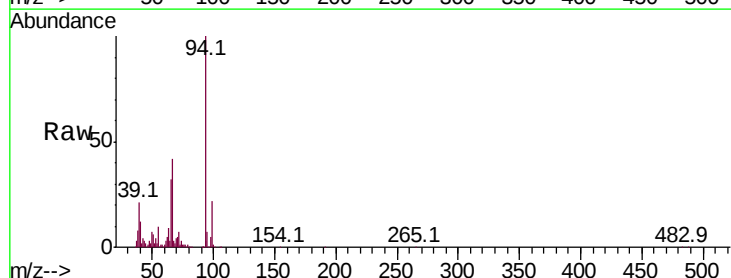
Tgt Ion: 94 Resp: 391258

Ion Ratio Lower Upper

94 100

65 32.3 11.0 51.0

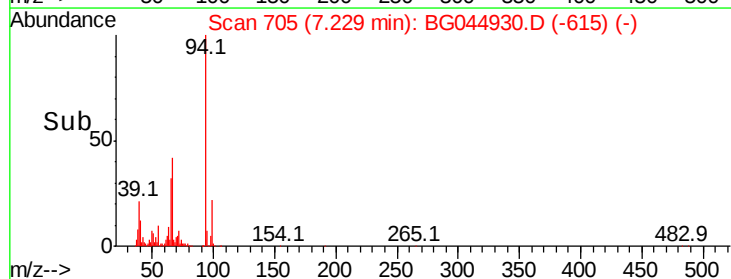
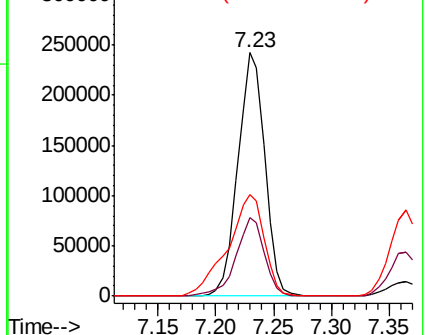
66 41.9 20.1 60.1

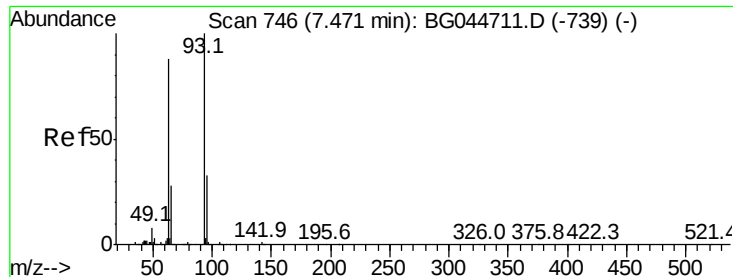


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

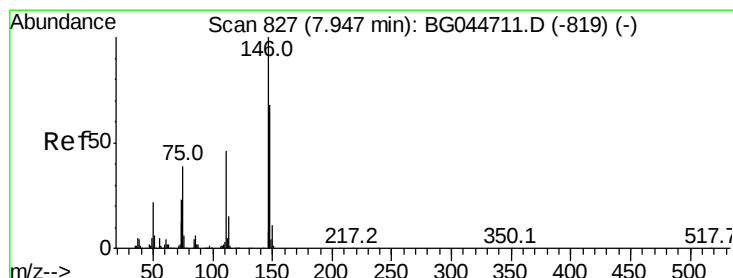
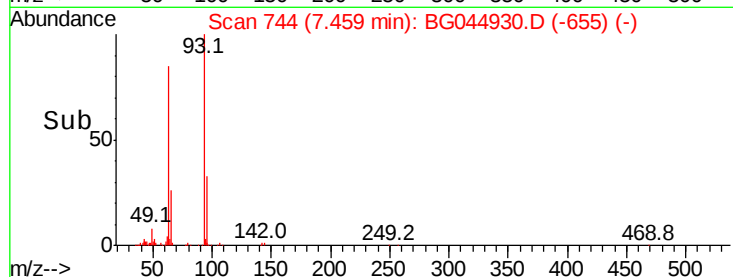
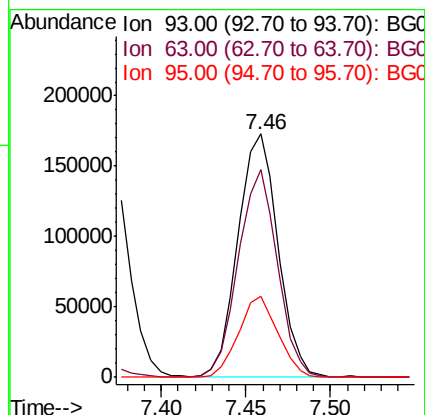
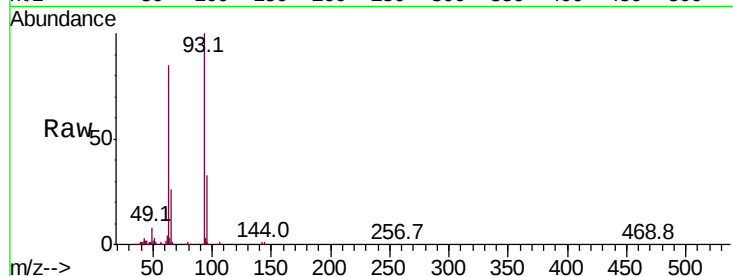




#11
bis(2-Chloroethyl)ether
Concen: 42.139 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

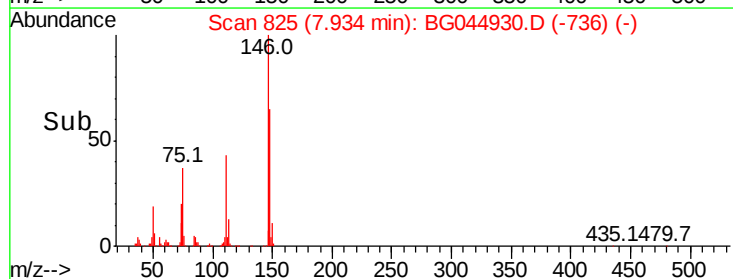
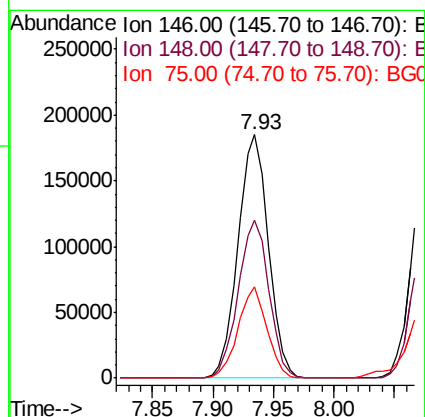
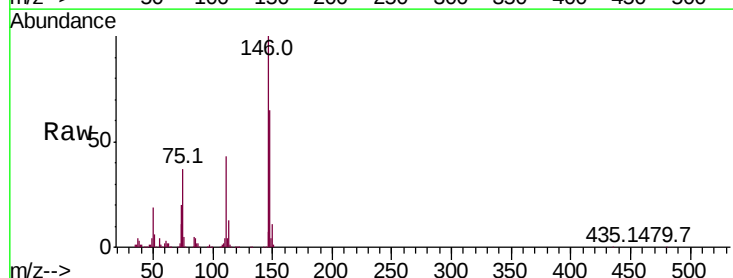
Instrument :
BNA_G
ClientSampleId :
PB127768BS

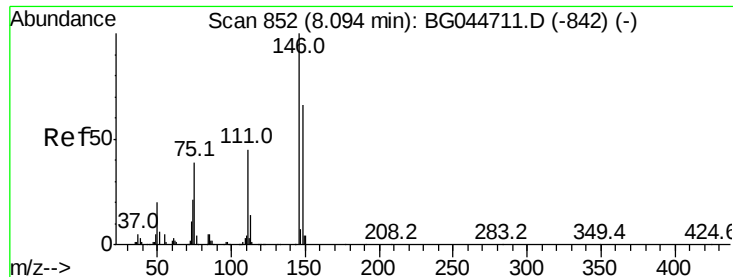
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.4	59.7	99.7
95	33.2	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 45.060 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.2	81.4
75	37.2	28.6	42.8

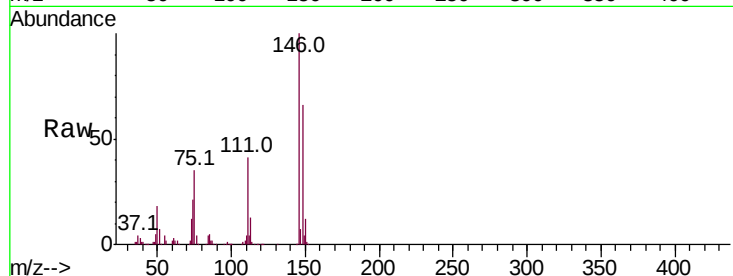




#13
 1,4-Dichlorobenzene
 Concen: 44.702 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.8	80.6
111	41.0	32.0	48.0

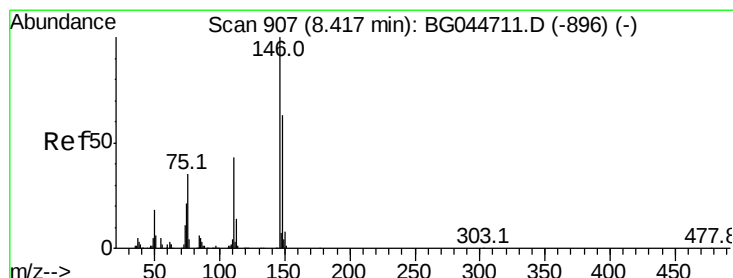
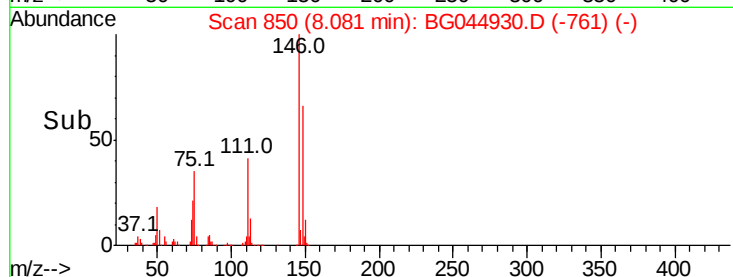
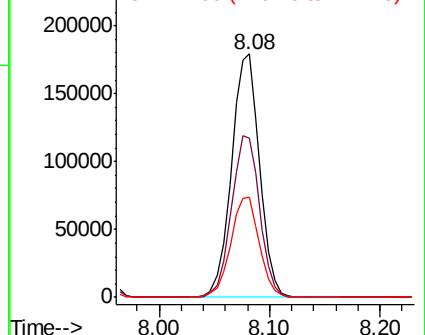


Abundance

Ion 146.00 (145.70 to 146.70): E

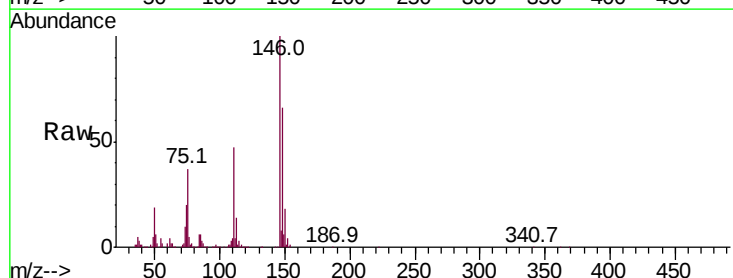
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.781 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
111	47.0	33.4	50.2

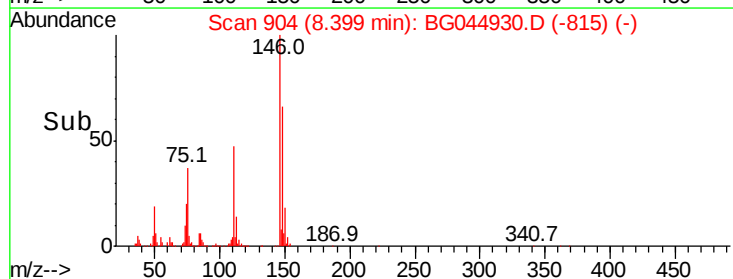
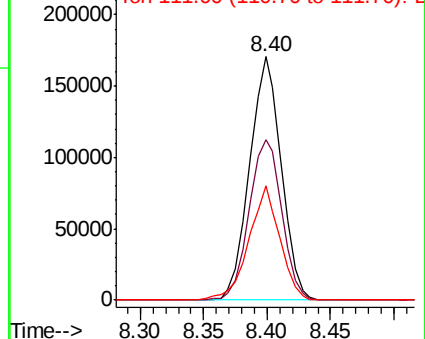


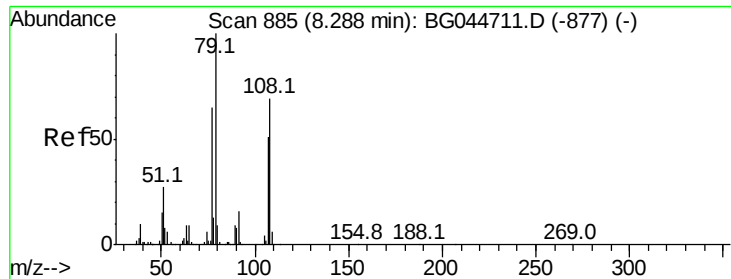
Abundance

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: 43.208 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

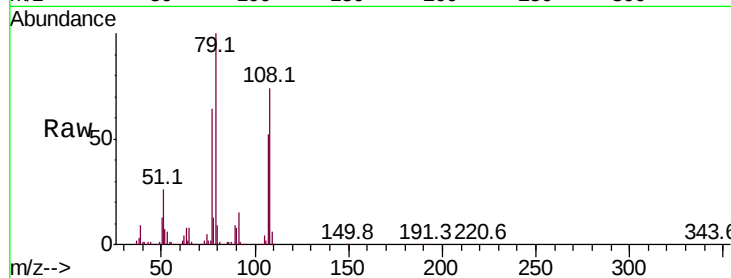
Tot Ion: 79 Resp: 295109

Ion Ratio Lower Upper

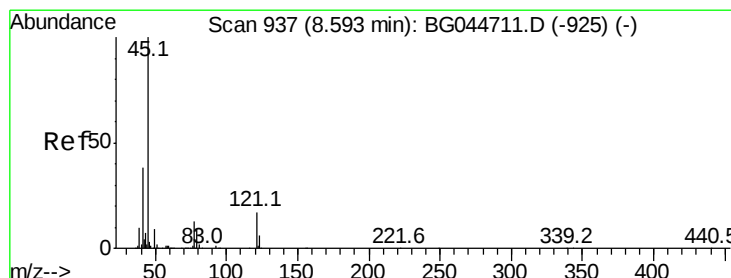
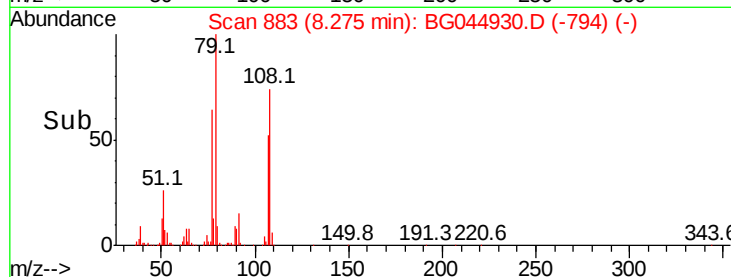
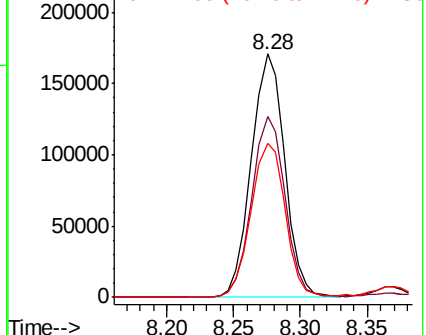
79 100

108 74.1 53.8 80.8

77 63.5 47.8 71.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.283 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

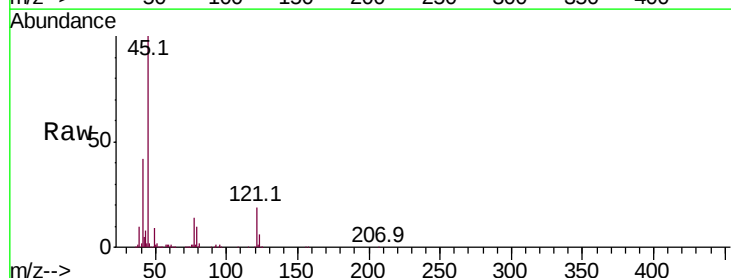
Tgt Ion: 45 Resp: 430660

Ion Ratio Lower Upper

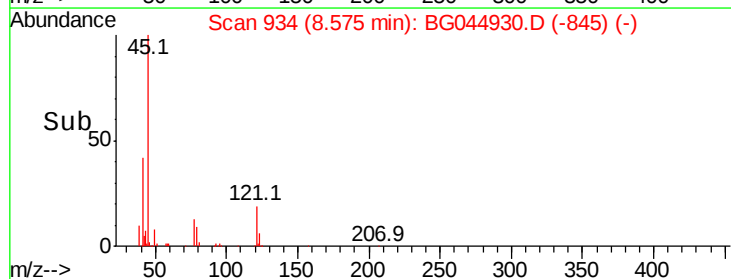
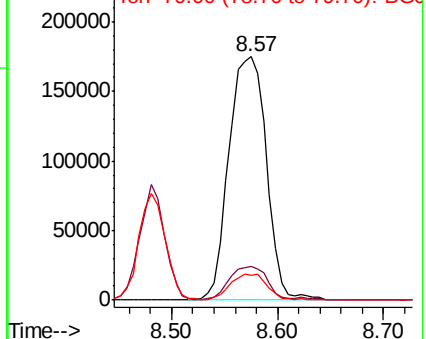
45 100

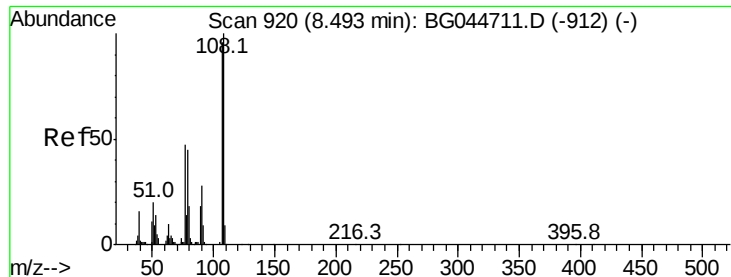
77 14.0 0.0 33.9

79 9.9 0.0 30.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.612 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

Tot Ion:107 Resp: 266093

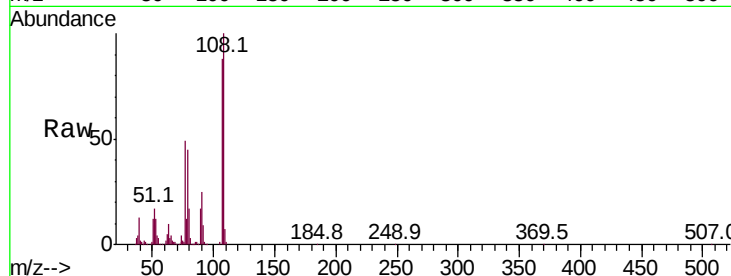
Ion Ratio Lower Upper

107 100

108 113.4 91.8 137.8

77 55.1 40.0 60.0

79 51.0 40.2 60.2

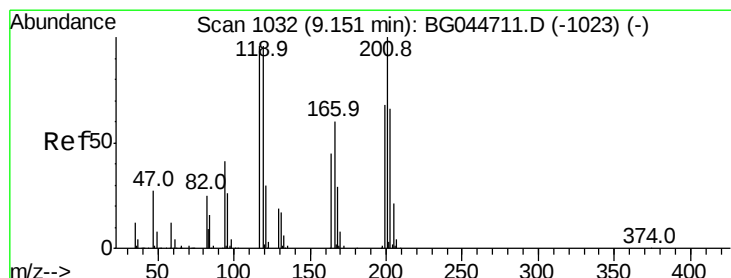
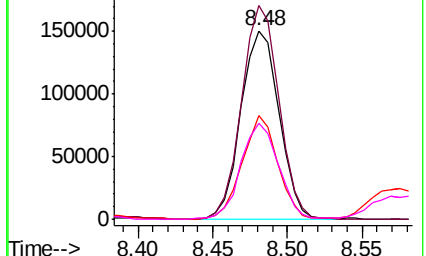
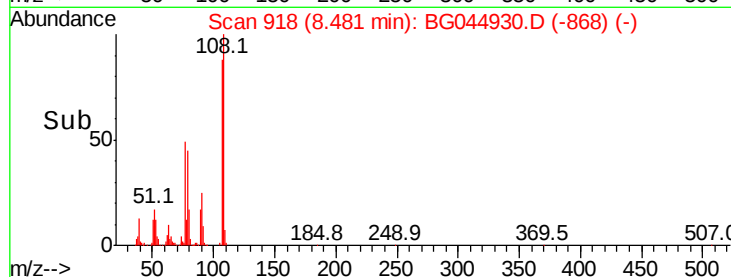


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.375 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

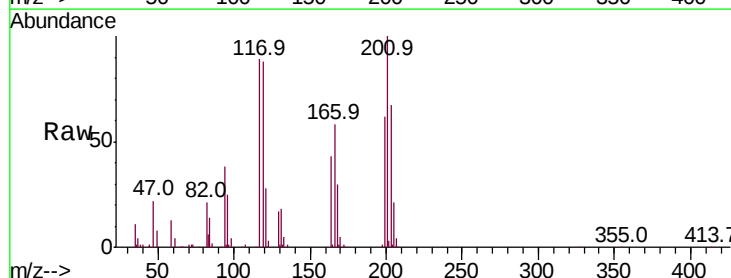
Tgt Ion:117 Resp: 118828

Ion Ratio Lower Upper

117 100

119 99.2 75.2 112.8

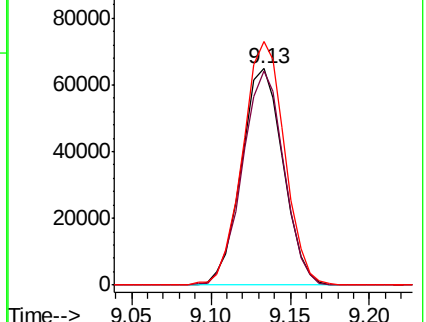
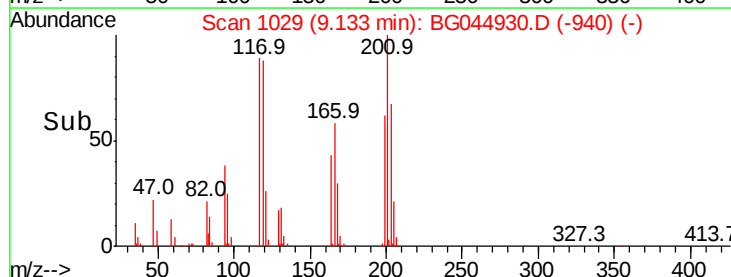
201 112.7 81.1 121.7

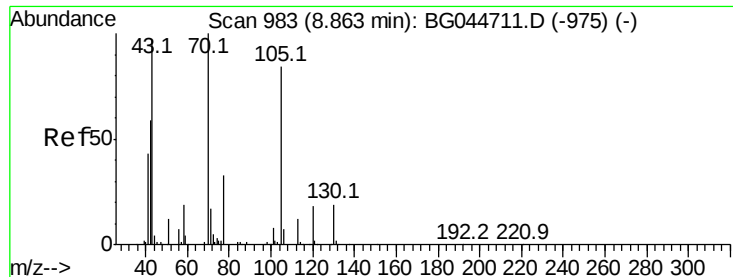


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

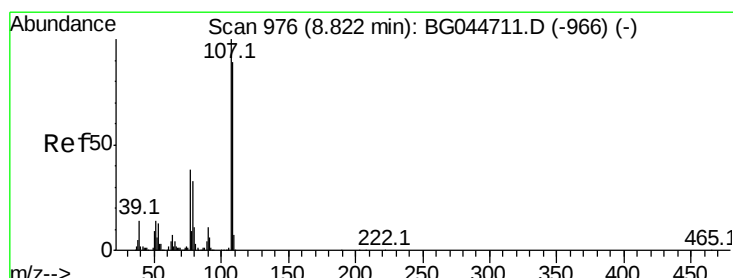
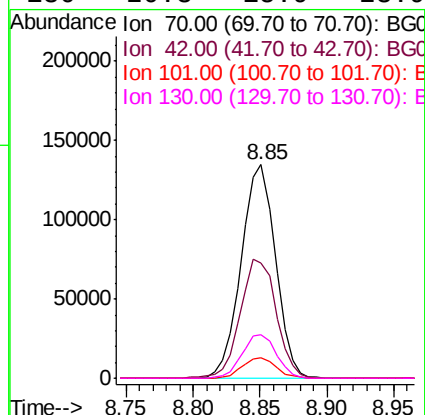
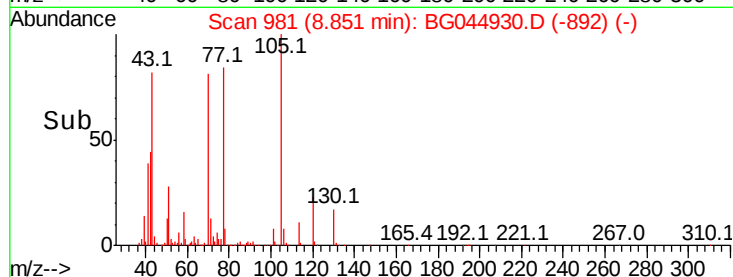
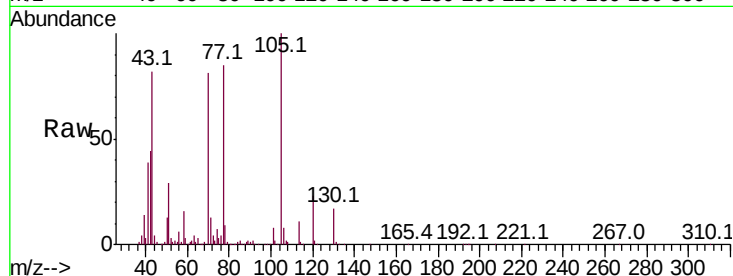




#19
n-Nitroso-di-n-propylamine
Concen: 39.895 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

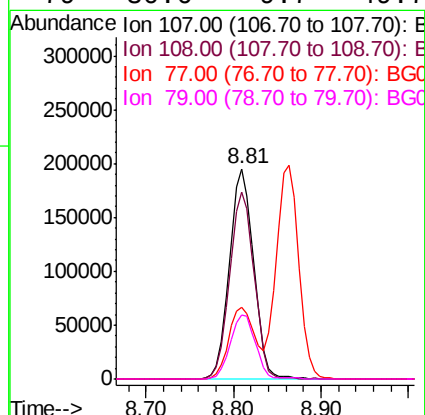
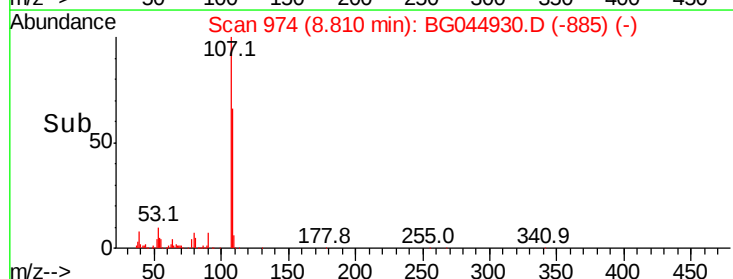
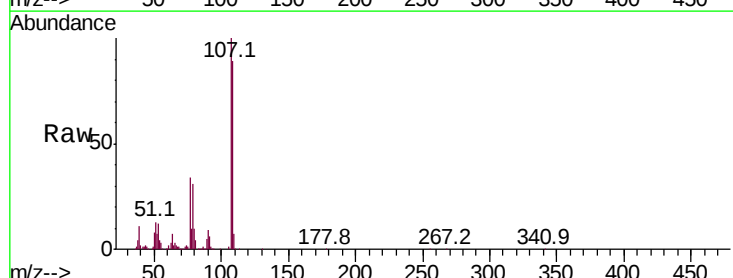
Instrument :
BNA_G
ClientSampleId :
PB127768BS

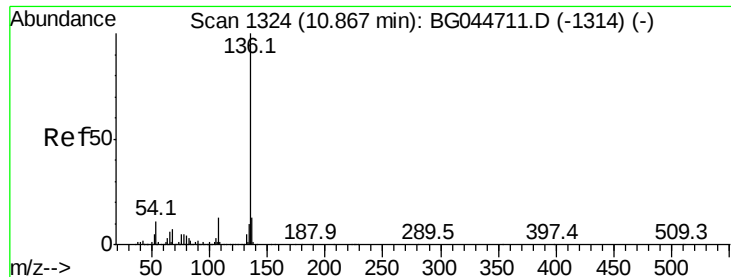
Tot Ion: 70 Resp: 239798
Ion Ratio Lower Upper
70 100
42 54.0 45.7 68.5
101 9.3 7.4 11.2
130 20.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.830 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion: 107 Resp: 368526
Ion Ratio Lower Upper
107 100
108 88.8 71.3 111.3
77 34.4 16.9 56.9
79 30.6 9.7 49.7

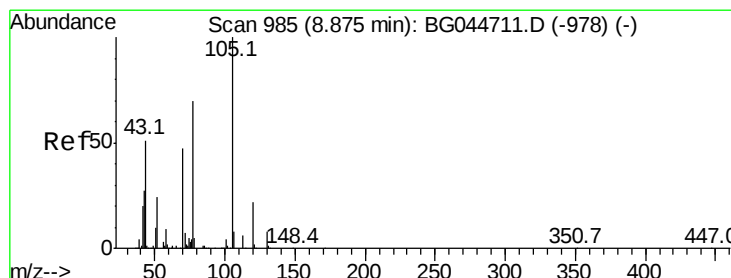
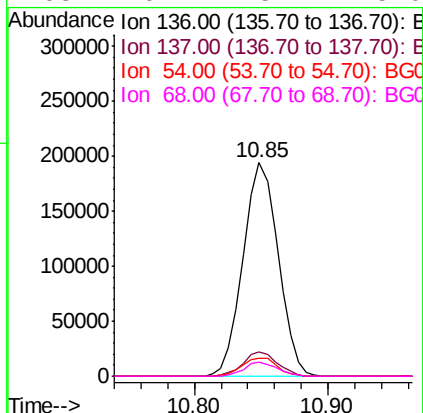
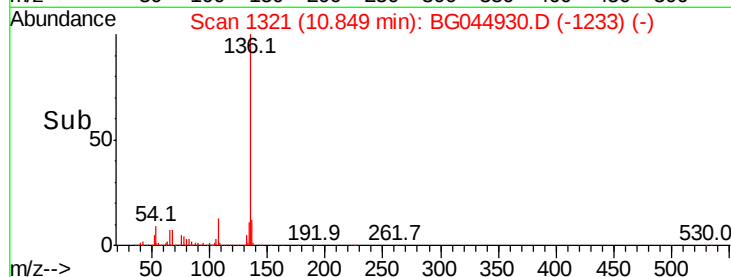
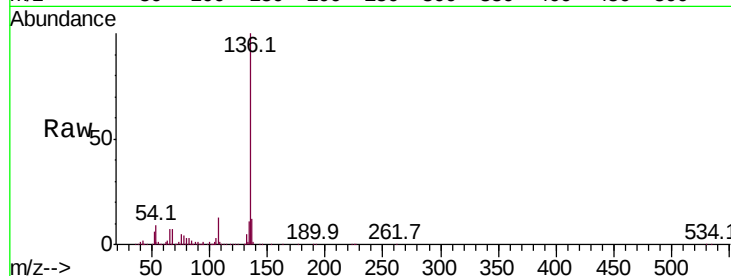




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

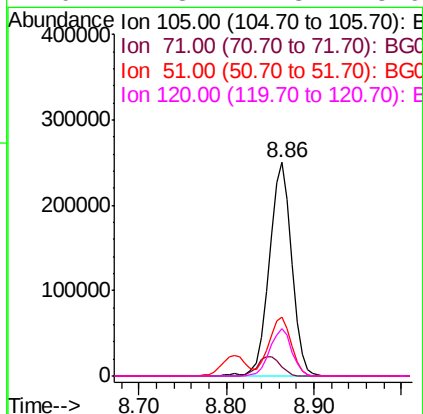
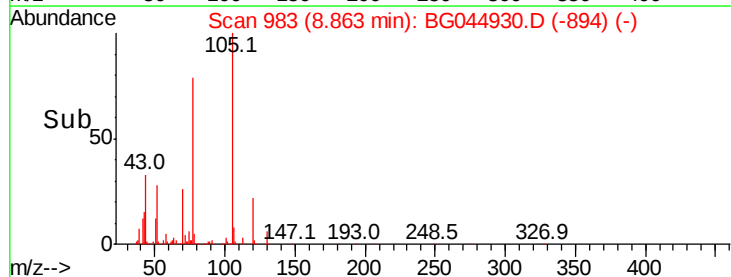
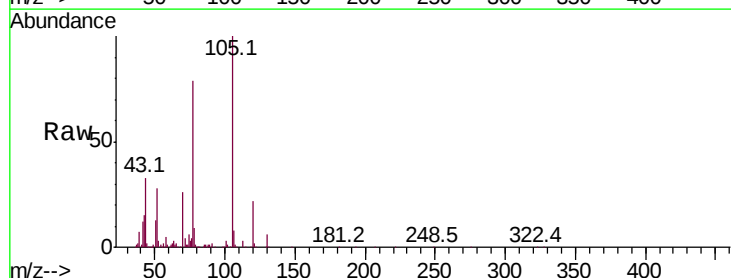
Instrument :
BNA_G
ClientSampleId :
PB127768BS

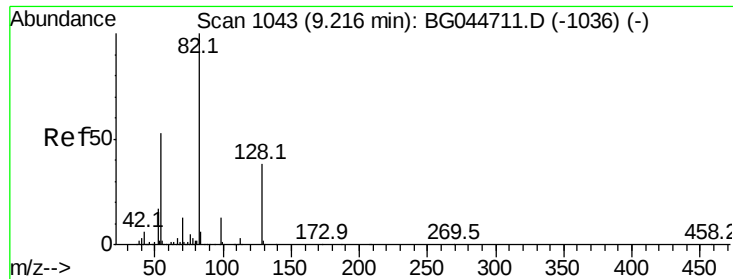
Tot Ion:136	Resp:	353688	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.8	14.6	
54 8.6	7.9	11.9	
68 6.7	5.4	8.0	



#22
Acetophenone
Concen: 44.258 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt	Ion:105	Resp:	443465
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.9	5.9
51	27.8	22.6	33.8
120	22.3	17.3	25.9

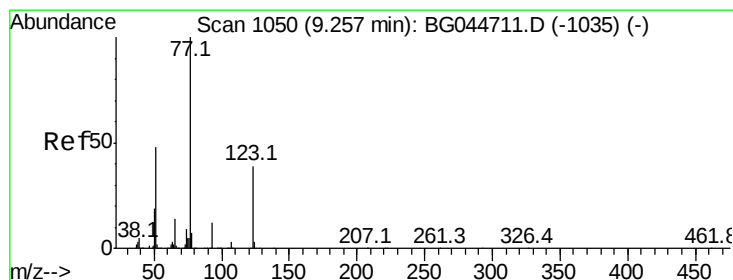
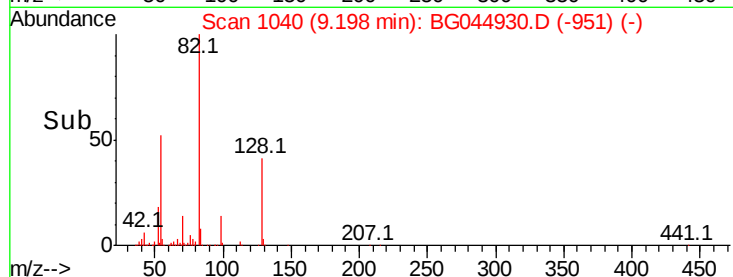
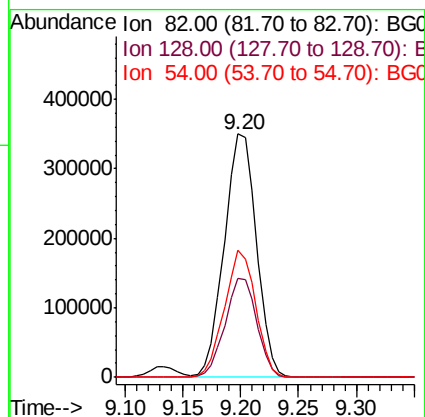
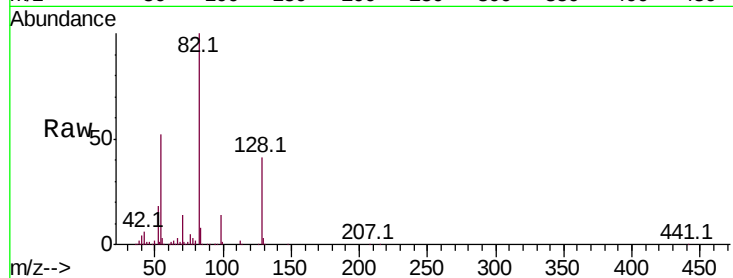




#23
Nitrobenzene-d5
Concen: 83.907 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

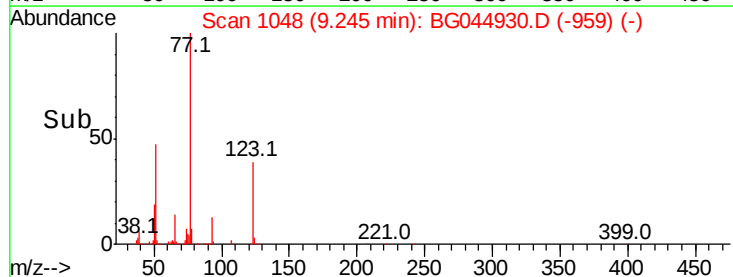
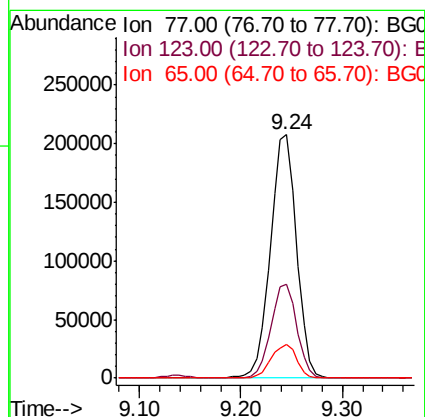
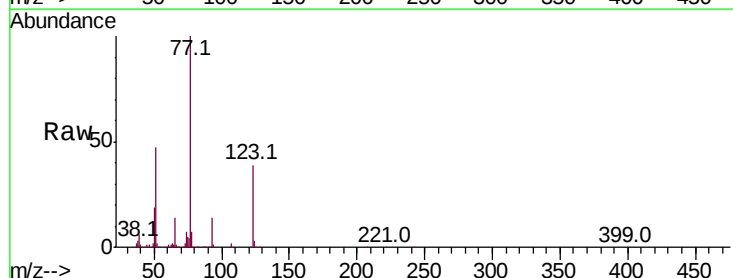
Instrument :
BNA_G
ClientSampleId :
PB127768BS

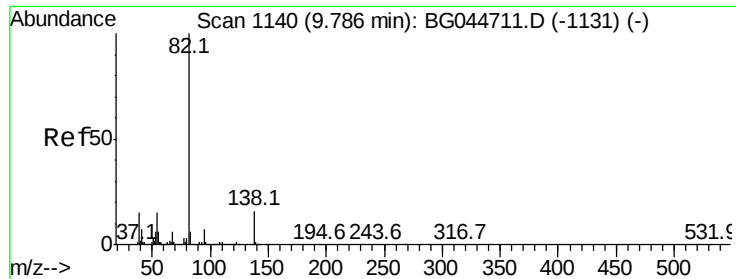
Tot Ion: 82 Resp: 676300
Ion Ratio Lower Upper
82 100
128 40.7 30.6 46.0
54 52.3 37.1 55.7



#24
Nitrobenzene
Concen: 44.491 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion: 77 Resp: 372094
Ion Ratio Lower Upper
77 100
123 38.7 31.3 46.9
65 13.7 11.4 17.0





#25

Isophorone

Concen: 42.035 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

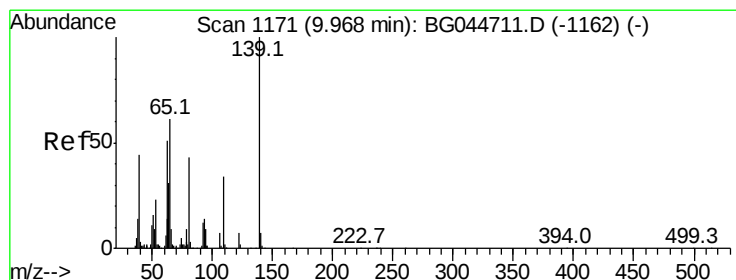
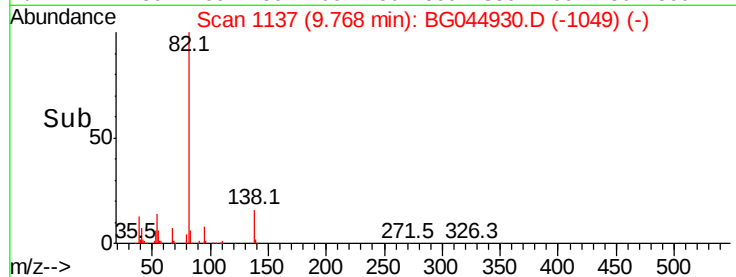
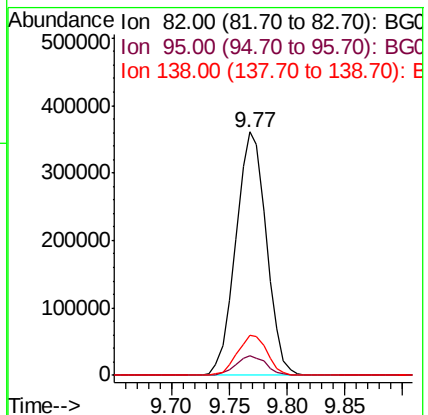
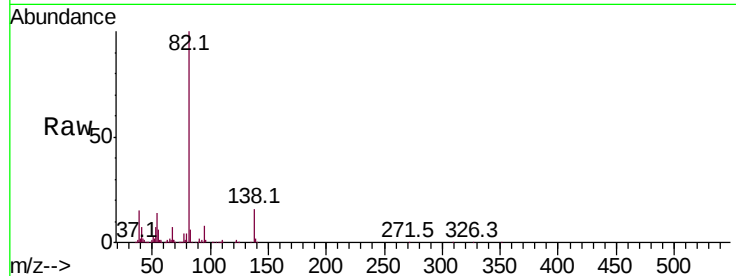
Tot Ion: 82 Resp: 661250

Ion Ratio Lower Upper

82 100

95 8.0 5.5 8.3

138 16.2 12.5 18.7



#26

2-Nitrophenol

Concen: 48.796 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

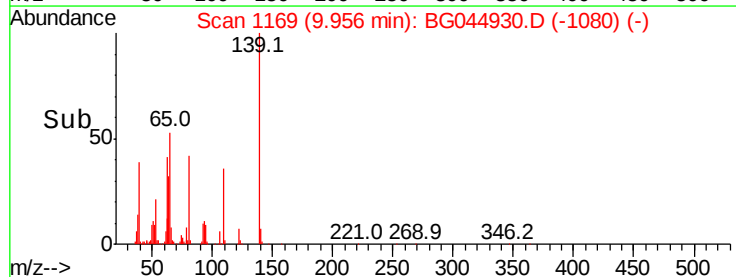
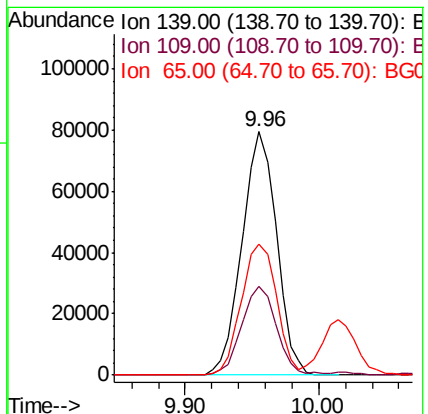
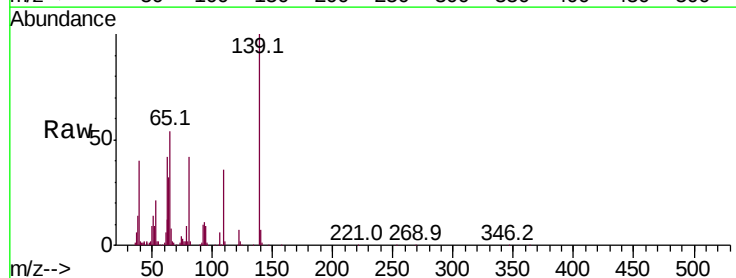
Tgt Ion: 139 Resp: 141977

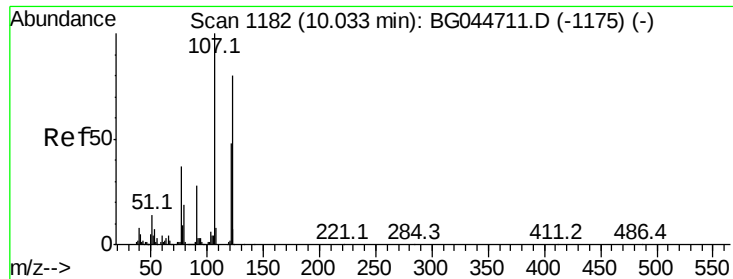
Ion Ratio Lower Upper

139 100

109 36.4 30.2 45.4

65 53.8 46.3 69.5

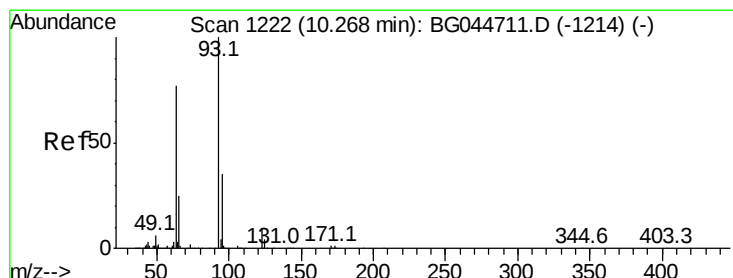
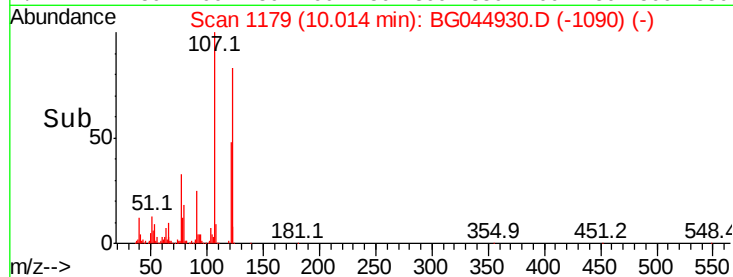
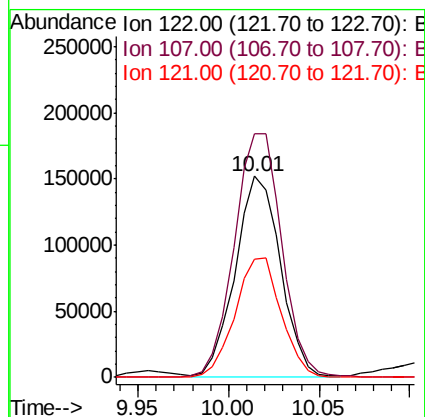
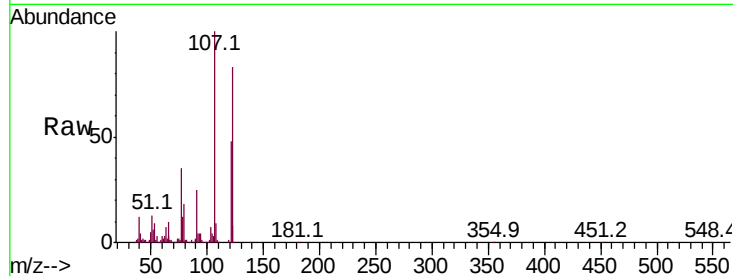




#27
2,4-Dimethylphenol
Concen: 51.485 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

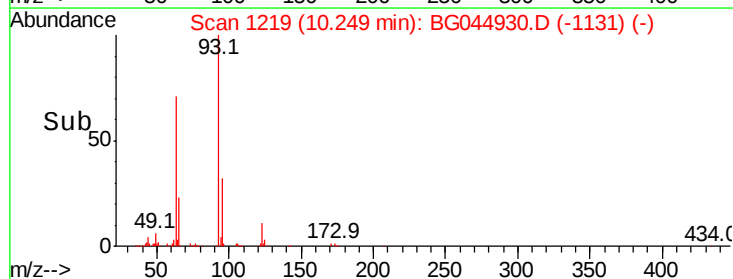
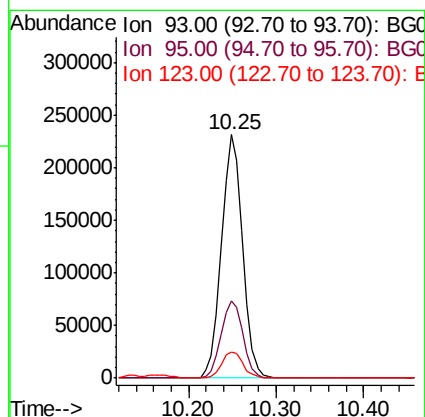
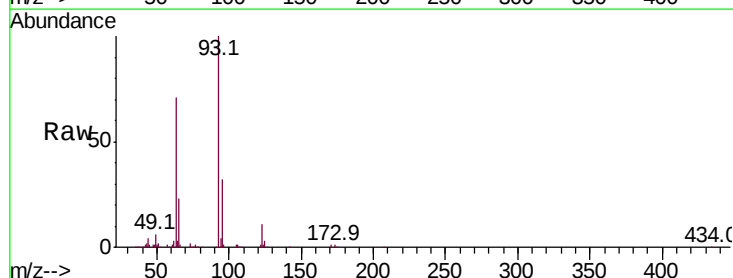
Instrument :
BNA_G
ClientSampleId :
PB127768BS

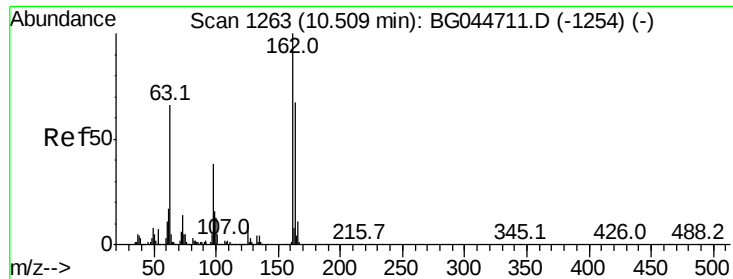
Tot Ion:122 Resp: 263748
Ion Ratio Lower Upper
122 100
107 120.9 107.1 160.7
121 58.5 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.225 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion: 93 Resp: 387022
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 10.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 48.612 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

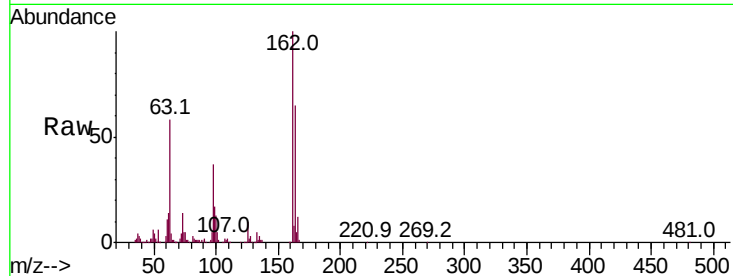
Tot Ion:162 Resp: 290872

Ion Ratio Lower Upper

162 100

164 65.3 45.2 85.2

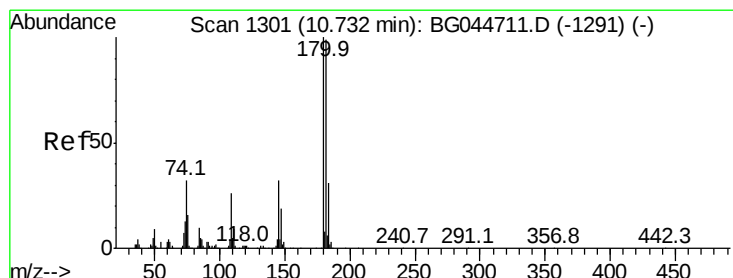
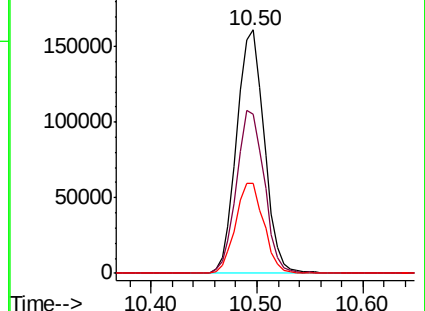
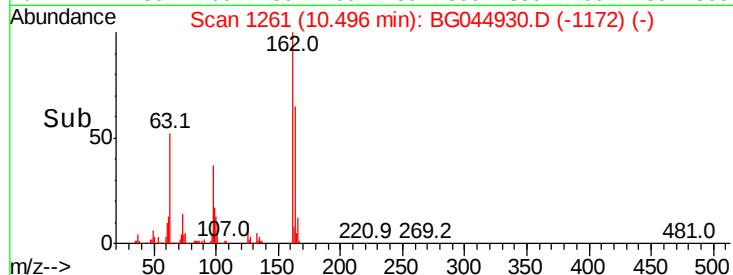
98 37.0 19.0 59.0



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: 44.396 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

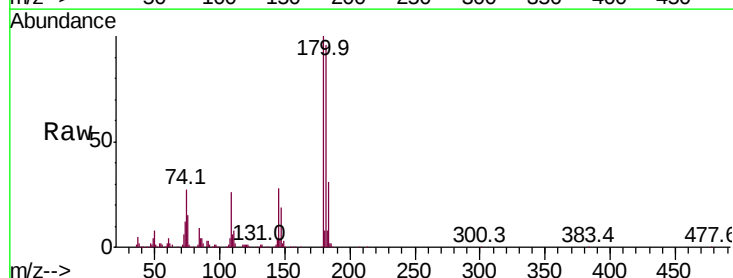
Tgt Ion:180 Resp: 317632

Ion Ratio Lower Upper

180 100

182 96.1 71.6 107.4

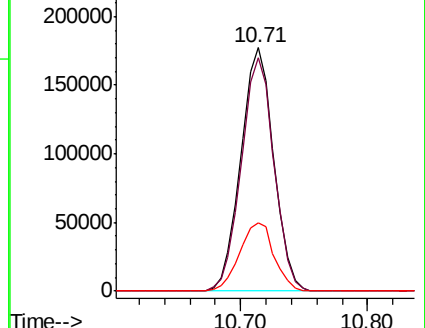
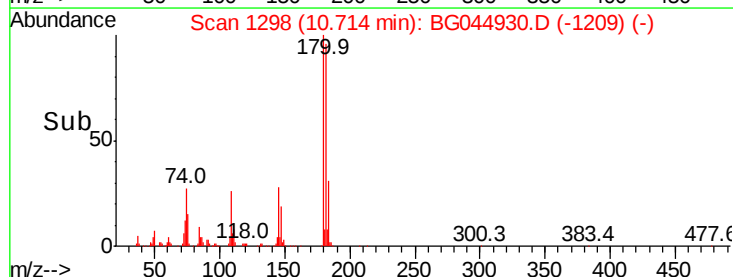
145 28.1 23.4 35.0

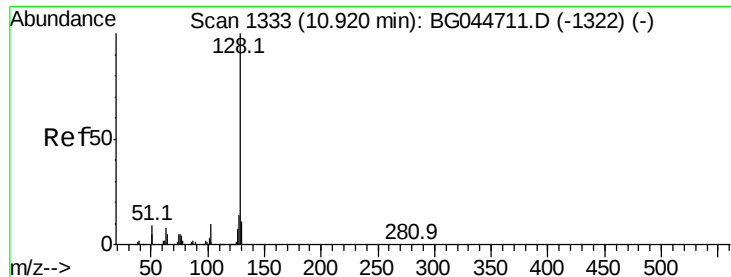


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

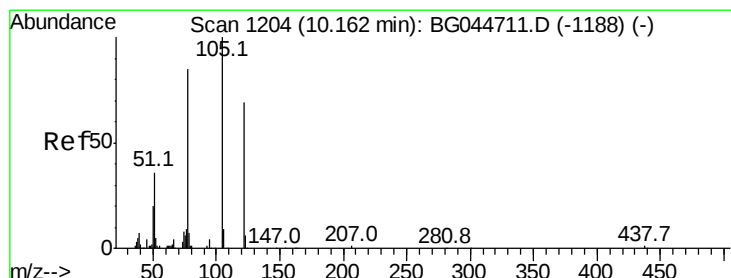
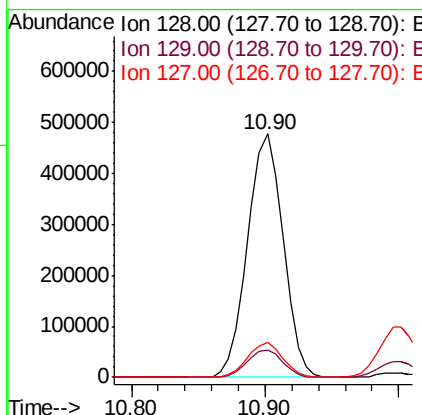
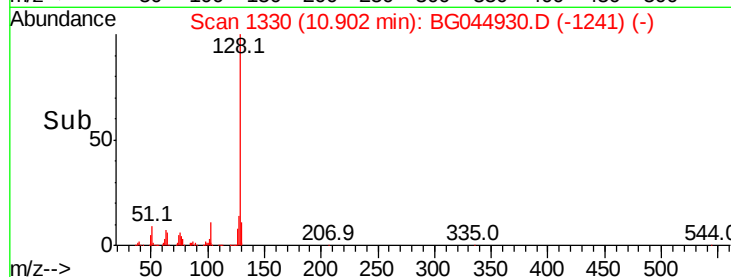
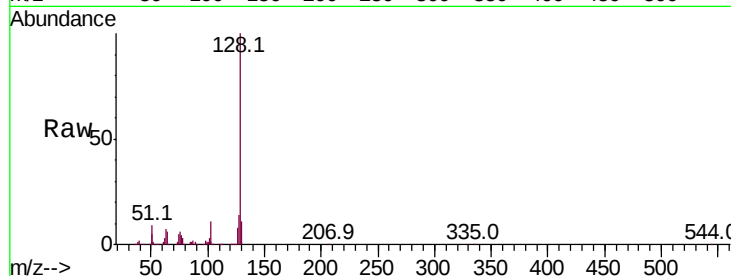




#31
Naphthalene
Concen: 44.861 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

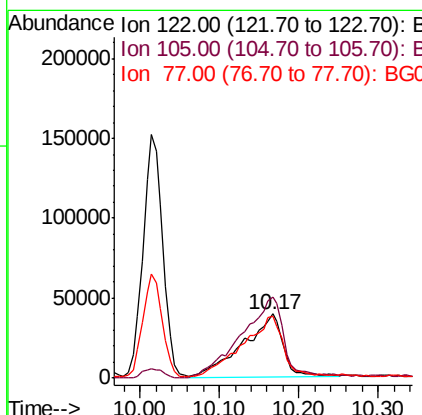
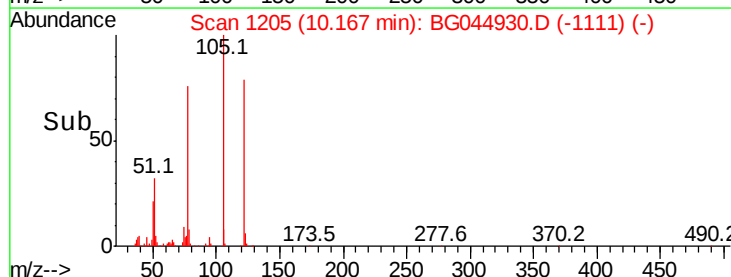
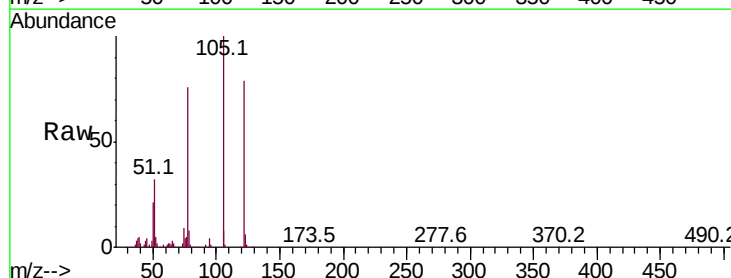
Instrument :
BNA_G
ClientSampleId :
PB127768BS

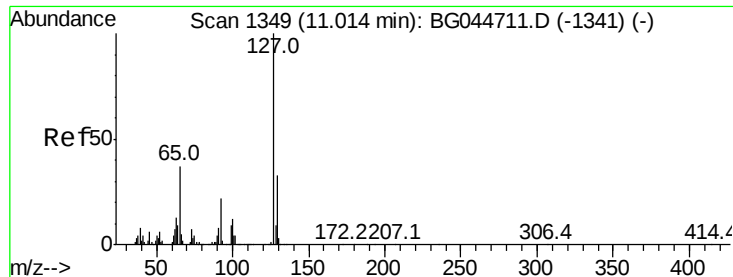
Tot Ion:128 Resp: 878946
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 14.4 10.8 16.2



#32
Benzoic acid
Concen: 37.225 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:122 Resp: 137708
Ion Ratio Lower Upper
122 100
105 126.6 109.1 149.1
77 96.6 85.3 125.3

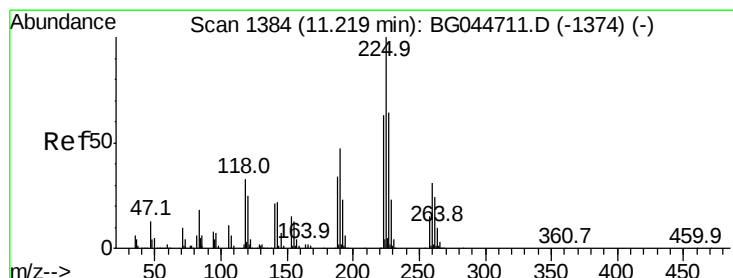
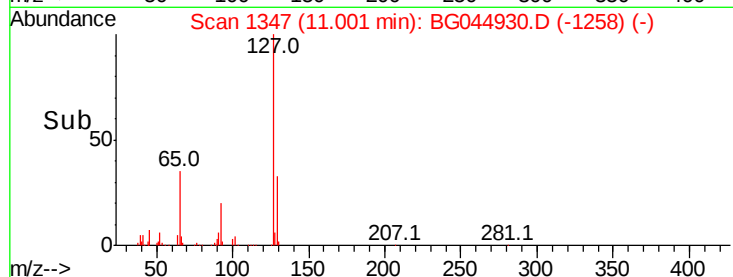
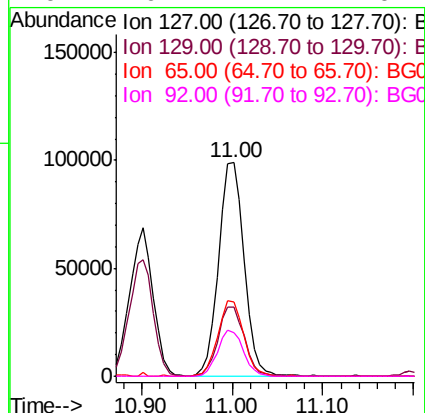
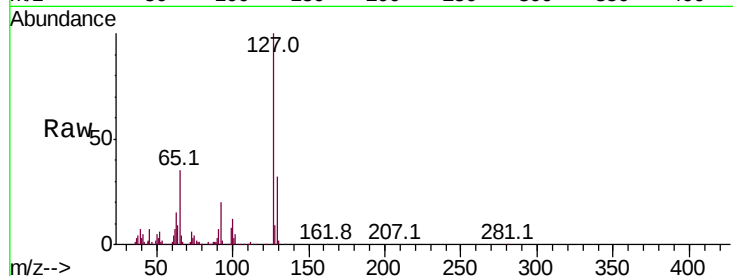




#33
4-Chloroaniline
Concen: 21.846 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

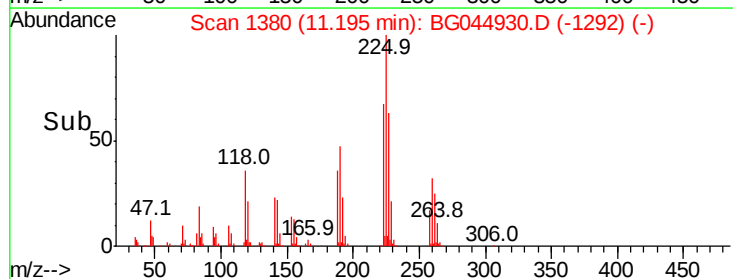
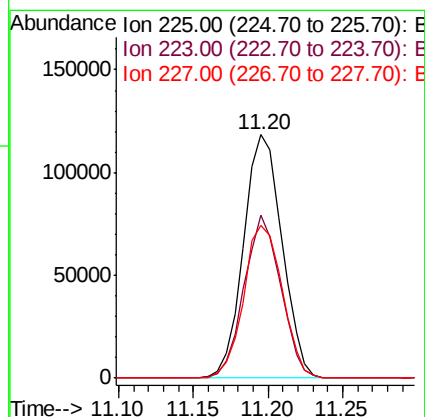
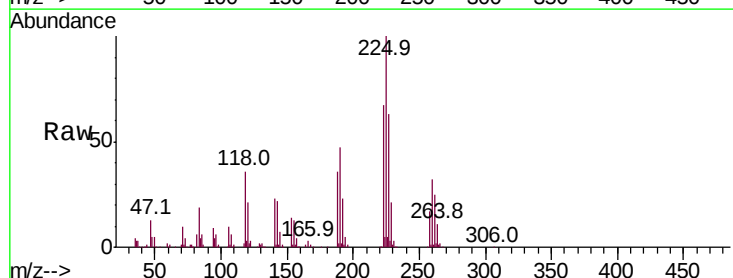
Instrument :
BNA_G
ClientSampleId :
PB127768BS

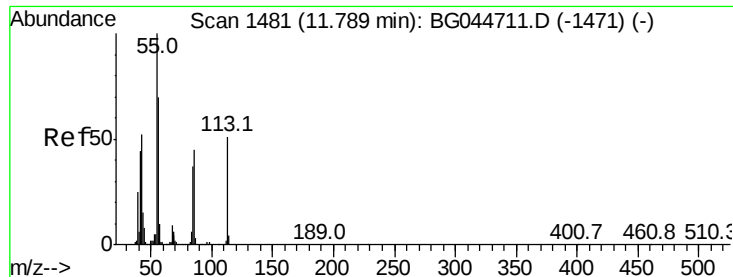
Tot Ion:	127	Resp:	192834
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.9	40.3
65	34.8	27.7	41.5
92	20.2	17.4	26.2



#34
Hexachlorobutadiene
Concen: 44.820 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:	225	Resp:	210877
Ion	Ratio	Lower	Upper
225	100		
223	67.1	47.4	71.0
227	62.9	50.8	76.2





#35

Caprolactam

Concen: 21.114 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.05 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

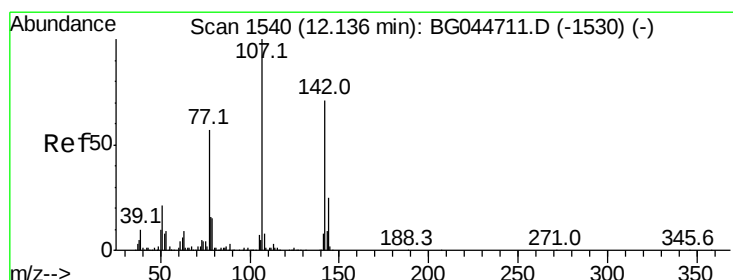
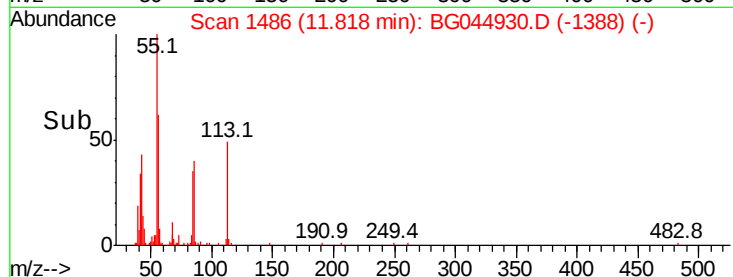
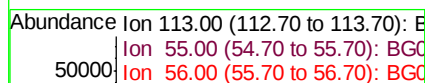
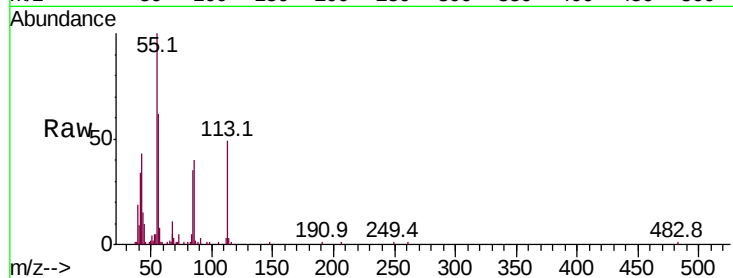
Tot Ion:113 Resp: 47832

Ion Ratio Lower Upper

113 100

55 205.0 173.8 213.8

56 127.9 113.8 153.8



#36

4-Chloro-3-methylphenol

Concen: 46.348 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

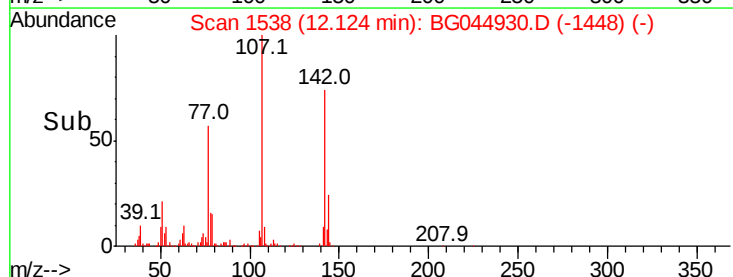
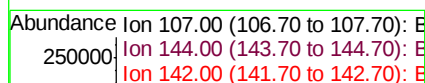
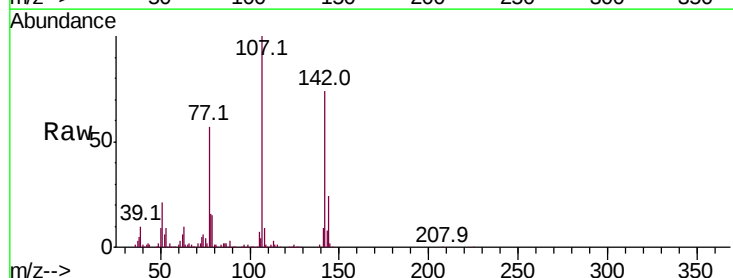
Tgt Ion:107 Resp: 330750

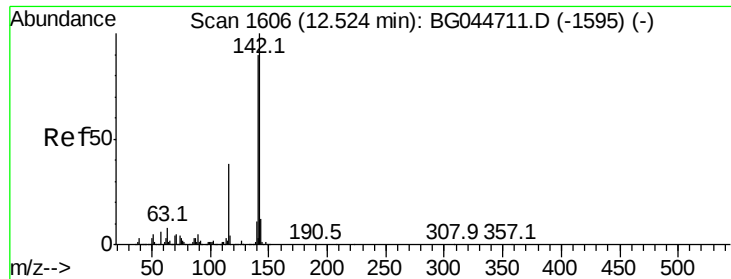
Ion Ratio Lower Upper

107 100

144 24.4 18.0 27.0

142 74.5 59.0 88.4

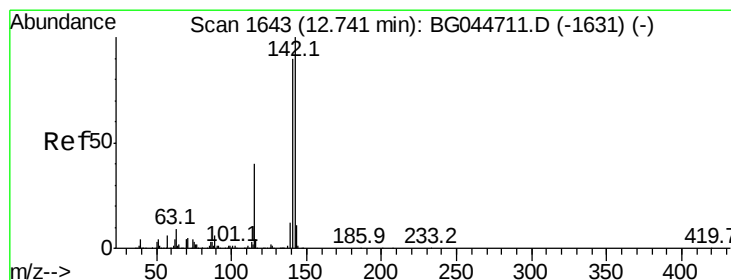
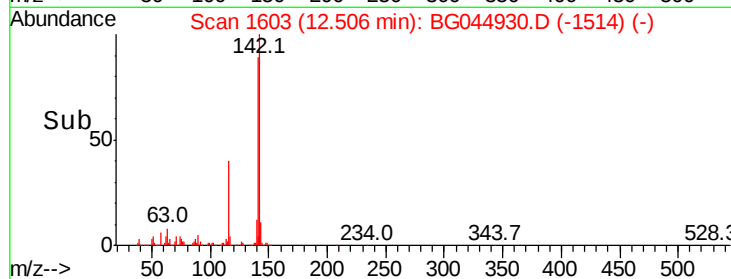
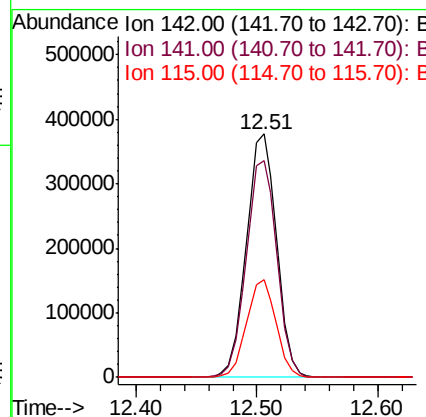
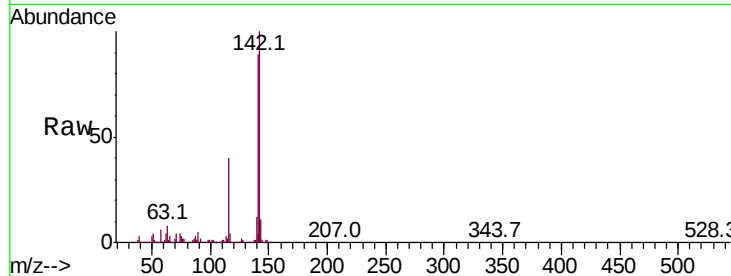




#37
2-Methylnaphthalene
Concen: 44.866 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

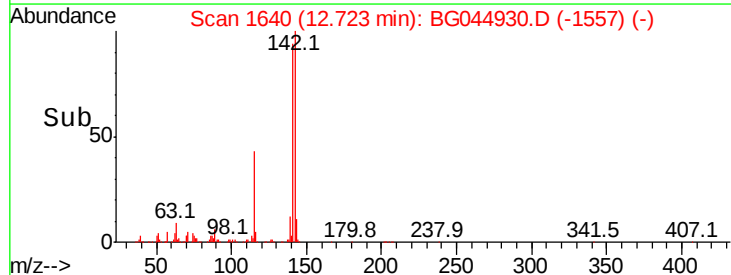
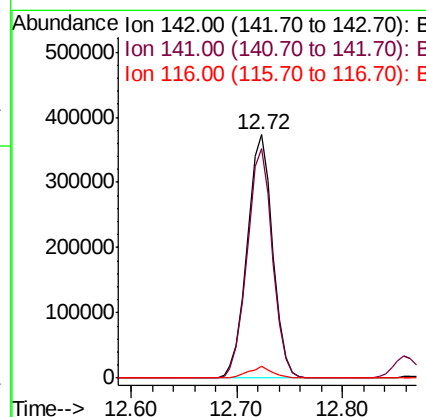
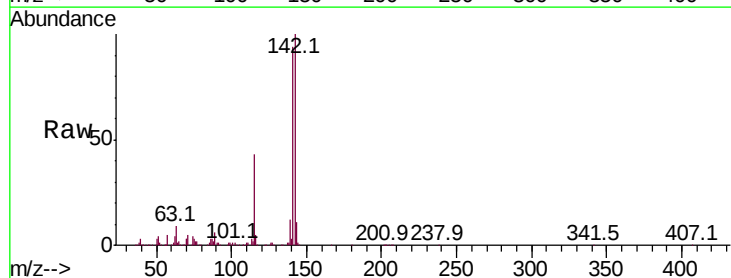
Instrument :
BNA_G
ClientSampleId :
PB127768BS

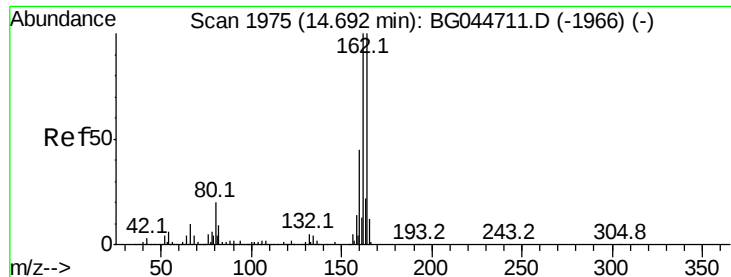
Tot Ion:142 Resp: 657563
Ion Ratio Lower Upper
142 100
141 89.1 75.1 112.7
115 40.2 30.6 46.0



#38
1-Methylnaphthalene
Concen: 45.099 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:142 Resp: 621405
Ion Ratio Lower Upper
142 100
141 94.2 74.7 112.1
116 4.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

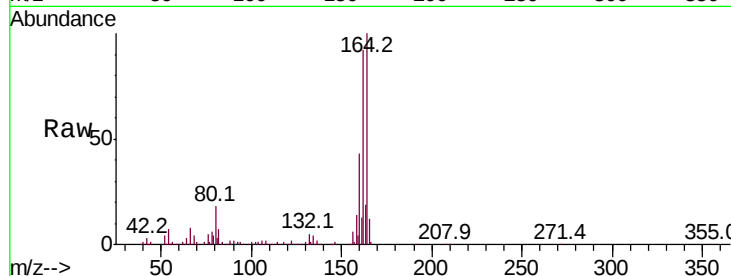
Tot Ion:164 Resp: 237029

Ion Ratio Lower Upper

164 100

162 92.2 76.7 115.1

160 43.2 35.0 52.4

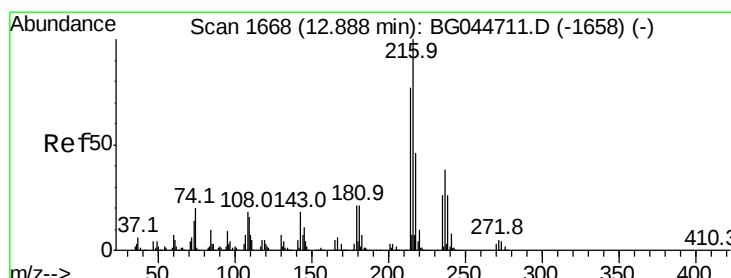
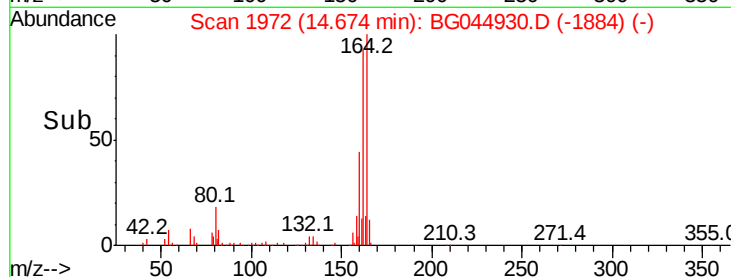
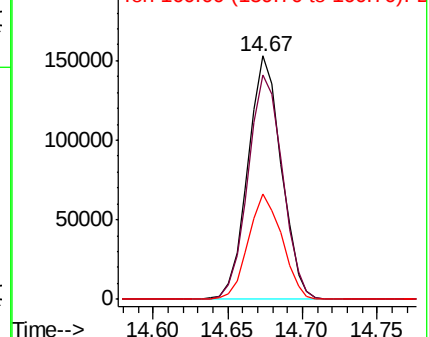


Abundance

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: 44.278 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:216 Resp: 345638

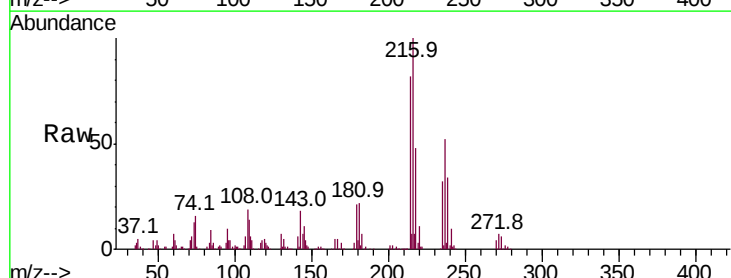
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 20.2 16.2 24.2

108 20.9 14.6 22.0



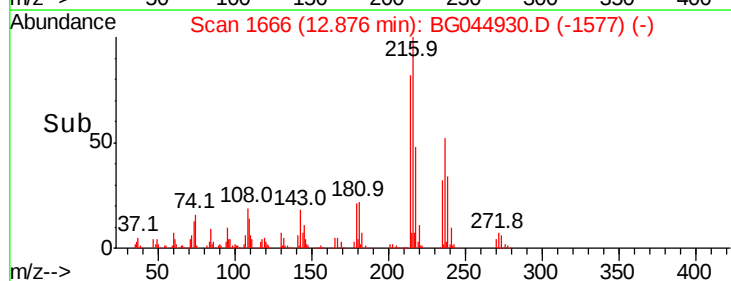
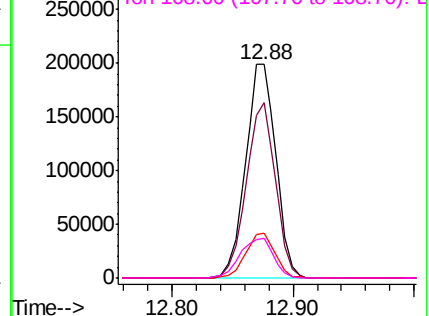
Abundance

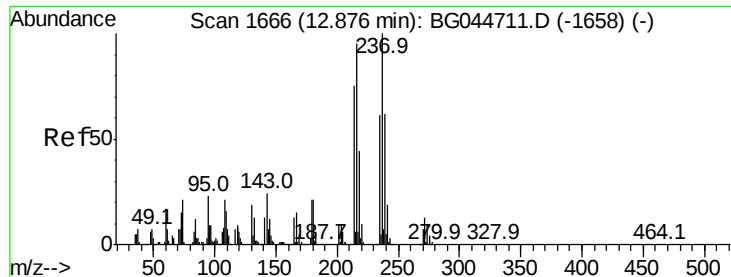
Ion 216.00 (215.70 to 216.70): E

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: 109.886 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

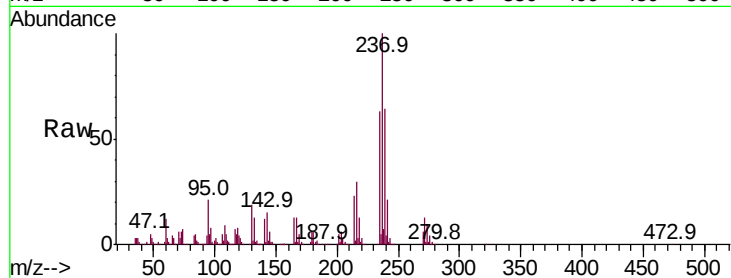
Tot Ion:237 Resp: 468783

Ion Ratio Lower Upper

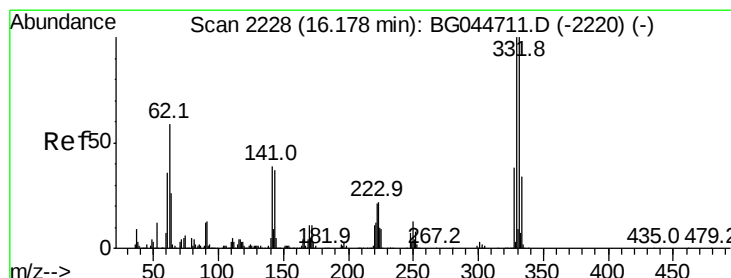
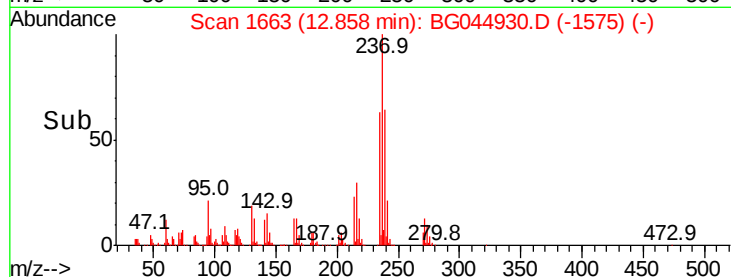
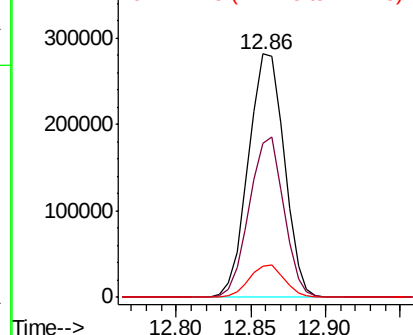
237 100

235 63.3 42.9 82.9

272 12.9 0.0 31.6



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: 134.691 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

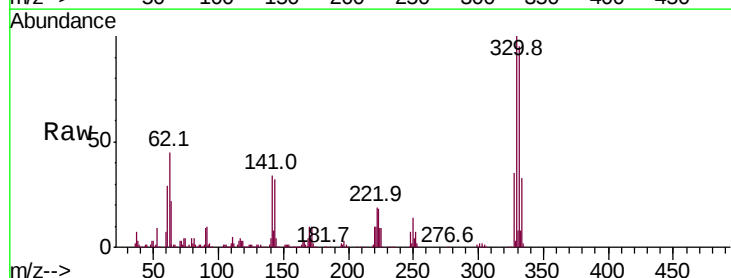
Tgt Ion:330 Resp: 418018

Ion Ratio Lower Upper

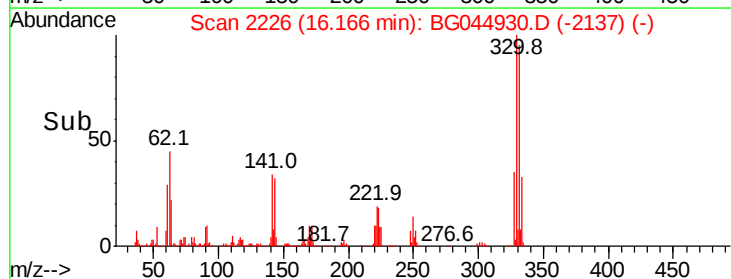
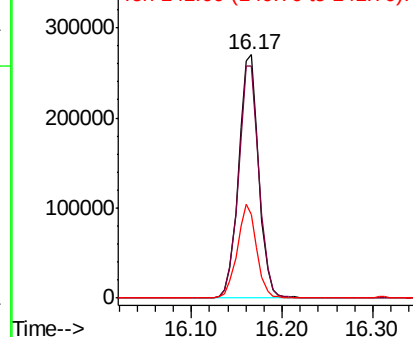
330 100

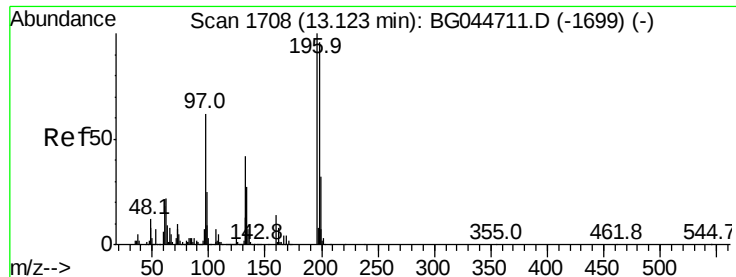
332 97.5 77.8 116.6

141 37.1 29.5 44.3



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

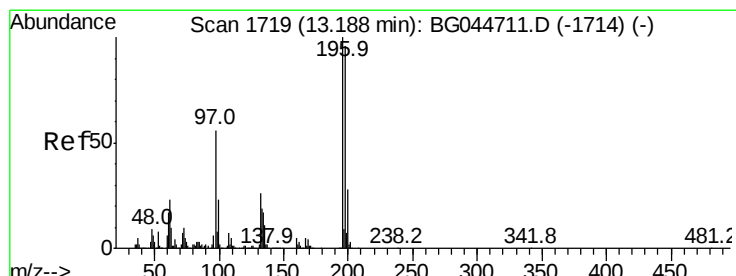
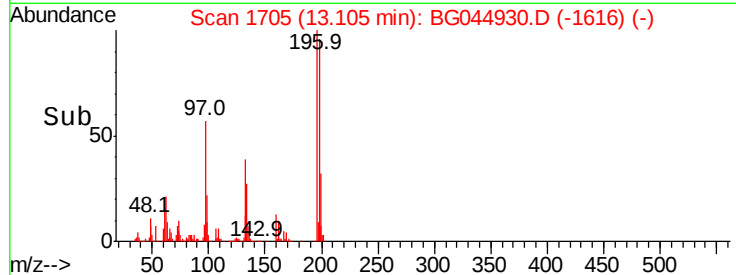
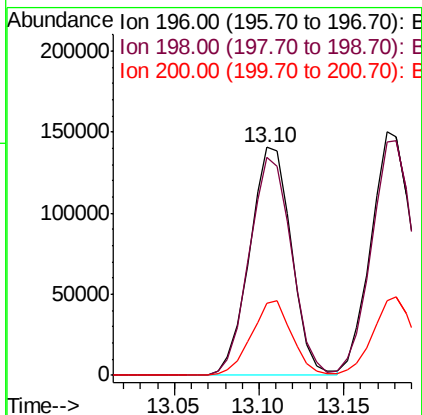
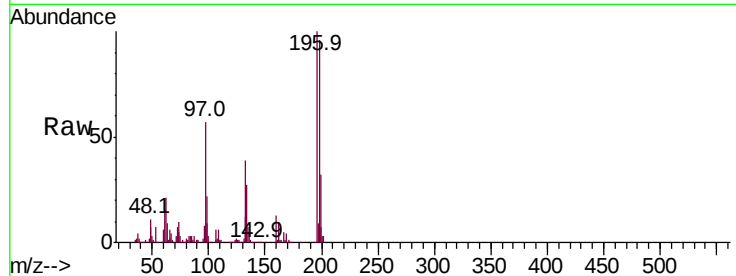




#43
 2,4,6-Trichlorophenol
 Concen: 46.634 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

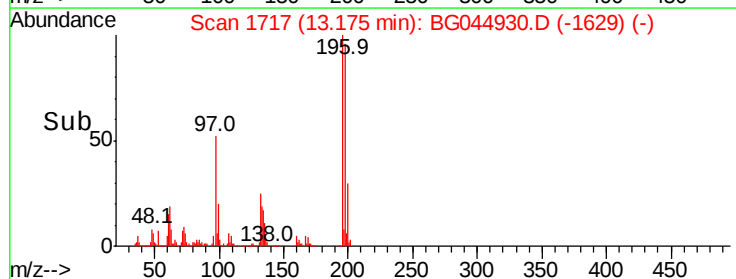
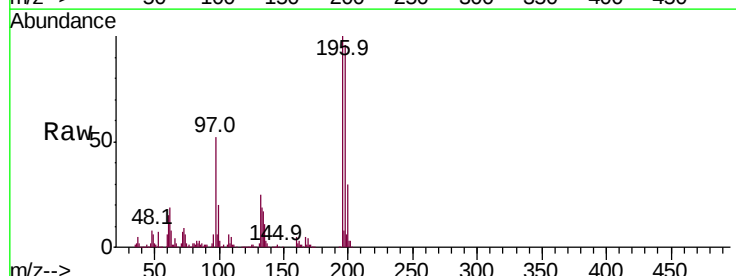
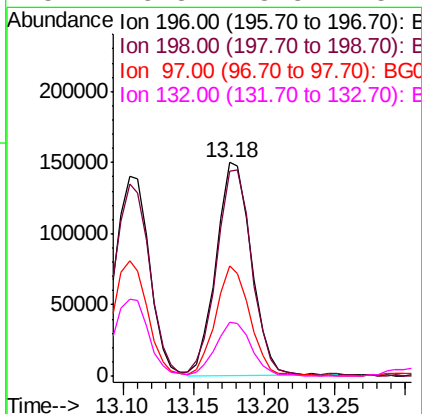
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

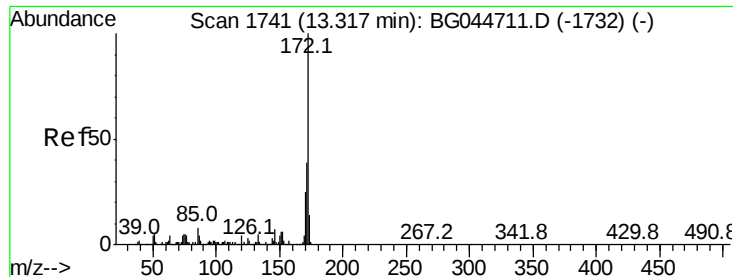
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.9	112.3
200	31.7	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 48.459 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.2	111.4
97	51.8	36.7	55.1
132	25.3	18.8	28.2





#45

2-Fluorobiphenyl

Concen: 86.441 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

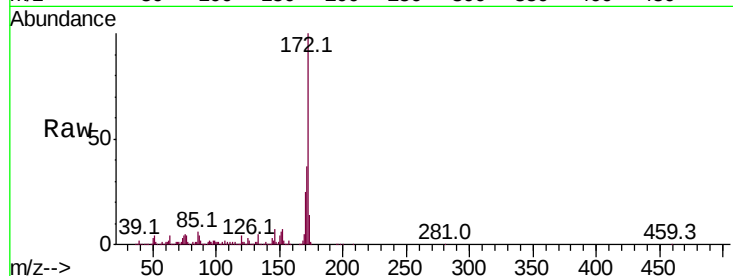
BNA_G

ClientSampleId :

PB127768BS

Tot Ion:172 Resp: 1430771

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.7	43.1
170	25.2	19.0	28.6

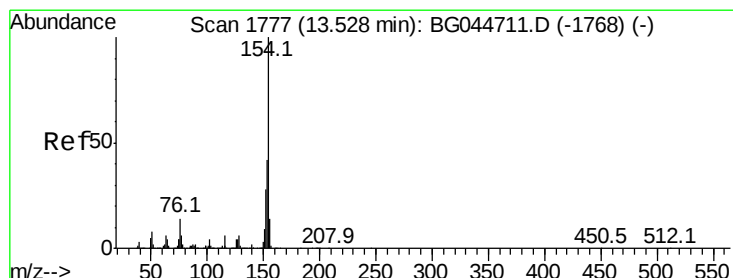
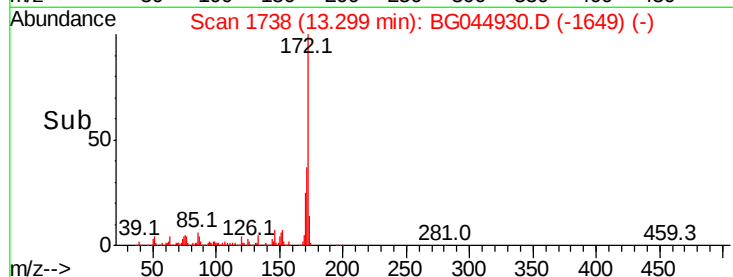
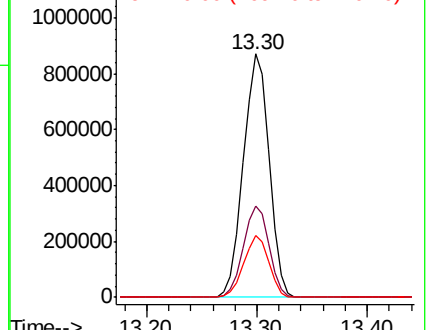


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.816 ng

RT: 13.51 min Scan# 1774

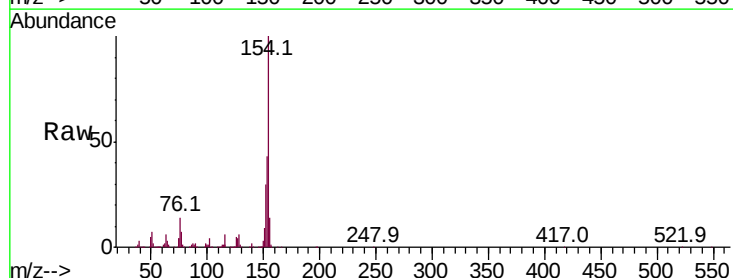
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:154 Resp: 811002

Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.9	62.9
76	14.1	0.0	34.6

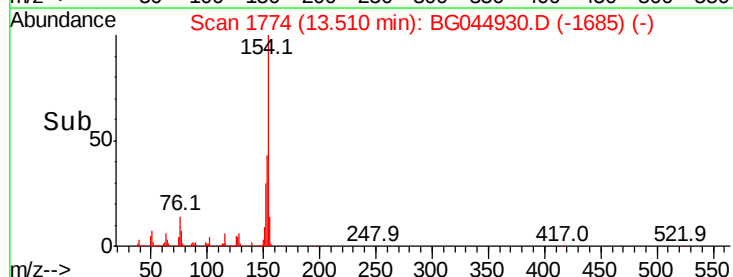
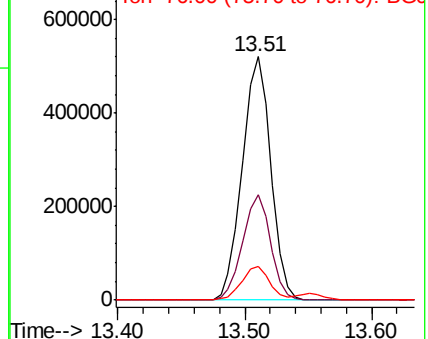


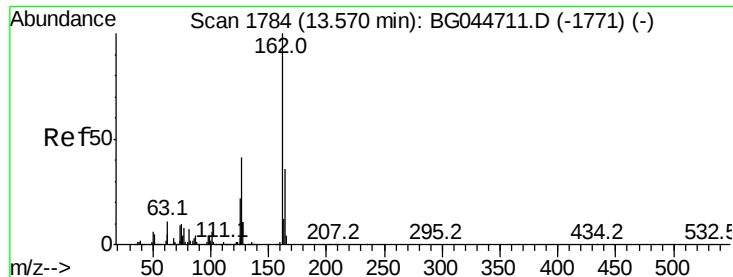
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





#47

2-Chloronaphthalene

Concen: 43.900 ng

RT: 13.55 min Scan# 1781

Delta R.T. -0.01 min

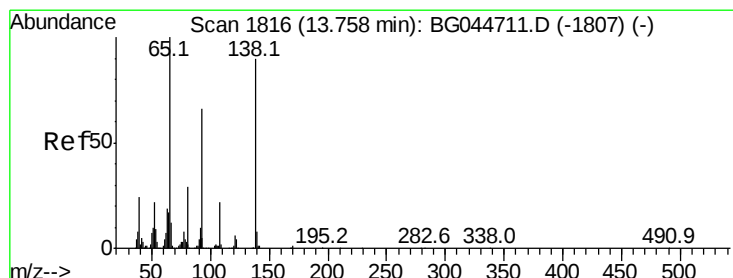
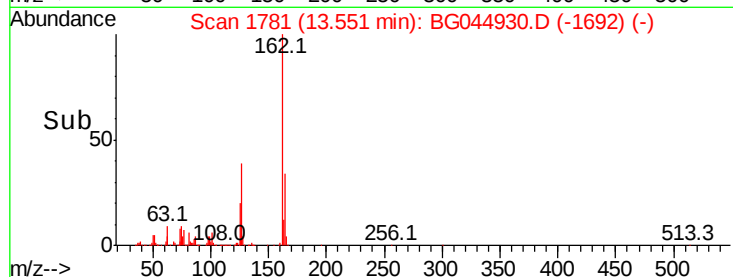
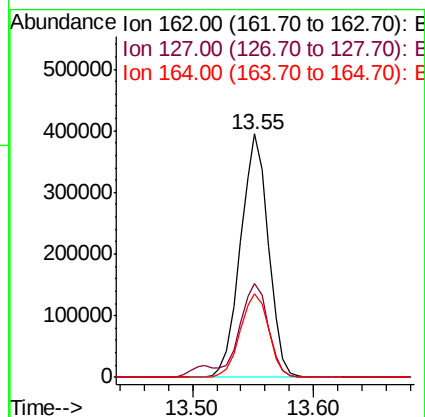
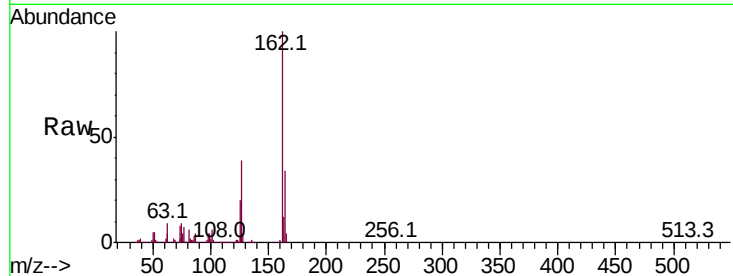
Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion:162 Resp: 635223

Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.1	49.7
164	34.5	27.4	41.2



#48

2-Nitroaniline

Concen: 42.425 ng

RT: 13.75 min Scan# 1814

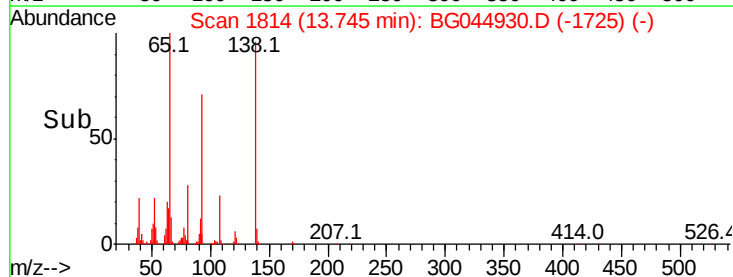
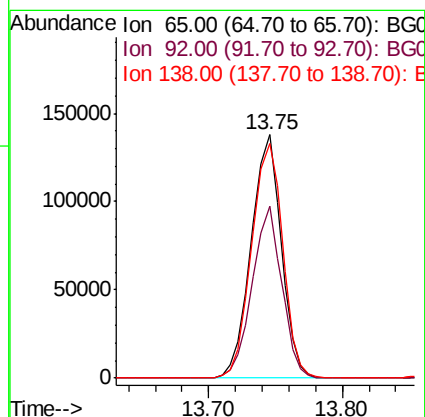
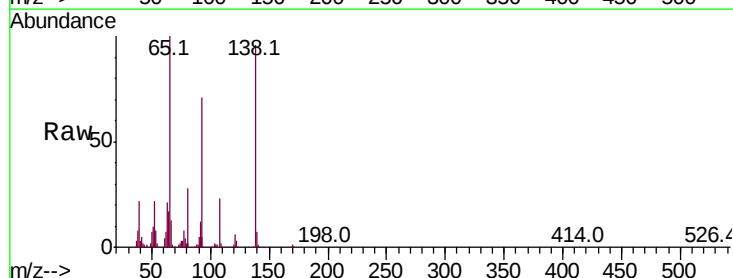
Delta R.T. -0.01 min

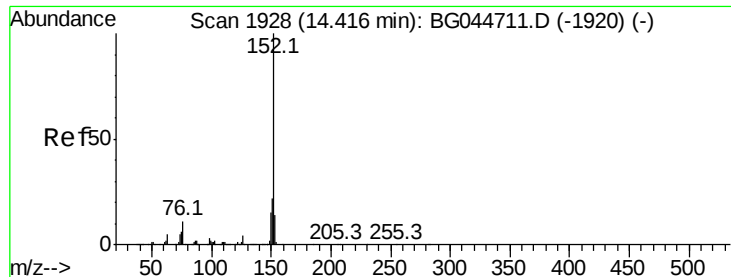
Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion: 65 Resp: 214917

Ion	Ratio	Lower	Upper
65	100		
92	70.6	52.6	79.0
138	96.5	78.3	117.5





#49

Acenaphthylene

Concen: 45.341 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

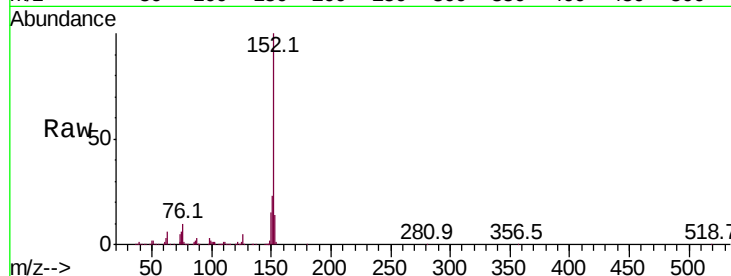
Tot Ion:152 Resp: 1027827

Ion Ratio Lower Upper

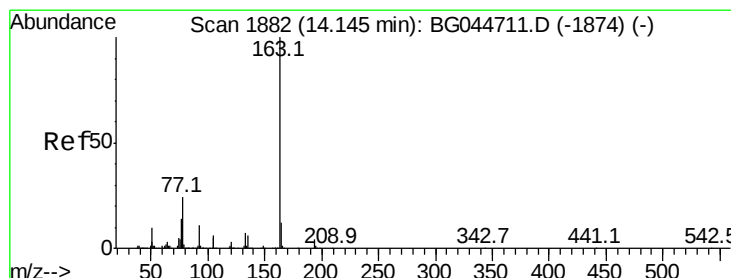
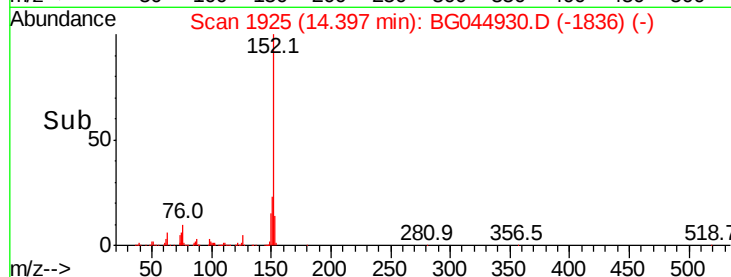
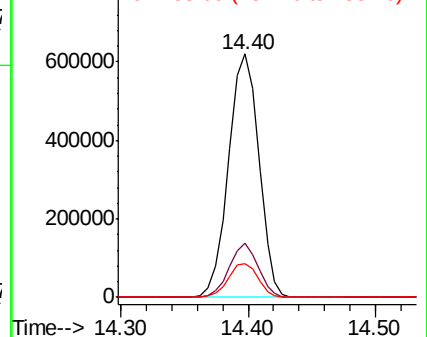
152 100

151 22.5 16.8 25.2

153 13.6 10.8 16.2



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: 43.621 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

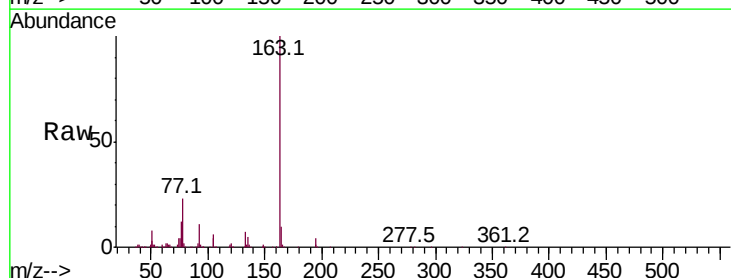
Tgt Ion:163 Resp: 823492

Ion Ratio Lower Upper

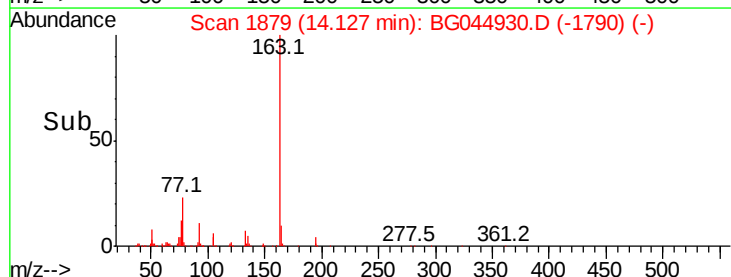
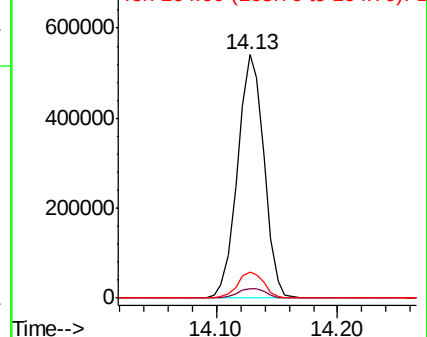
163 100

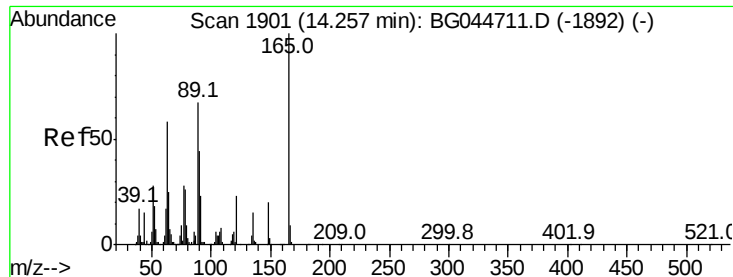
194 4.1 3.7 5.5

164 10.5 9.1 13.7



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: 48.825 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

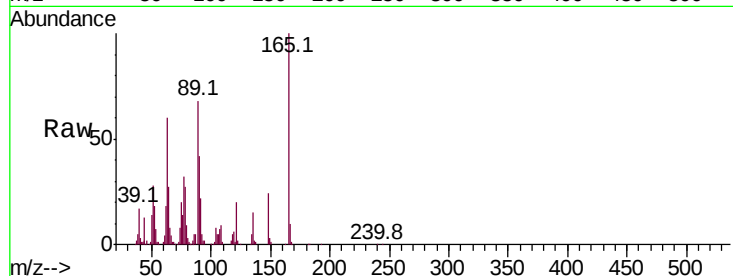
Tot Ion:165 Resp: 185794

Ion Ratio Lower Upper

165 100

63 60.0 45.8 68.8

89 67.8 51.8 77.6



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

14.24

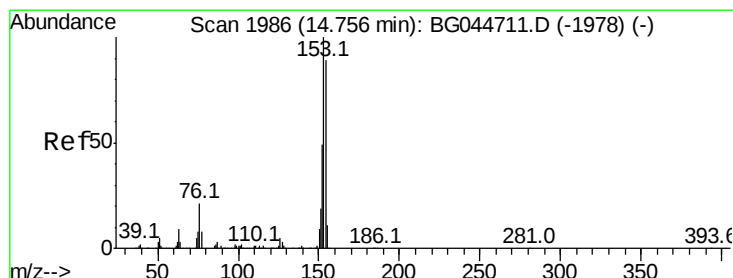
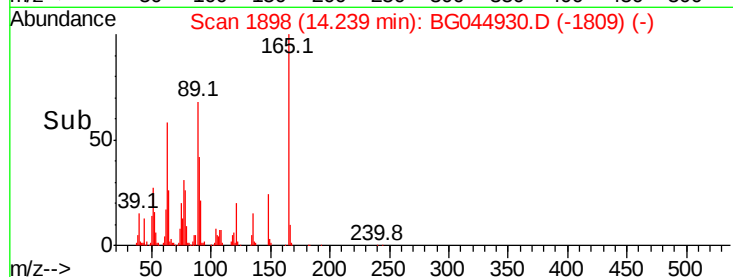
100000

50000

0

14.15 14.20 14.25 14.30

Time-->



#52

Acenaphthene

Concen: 48.567 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

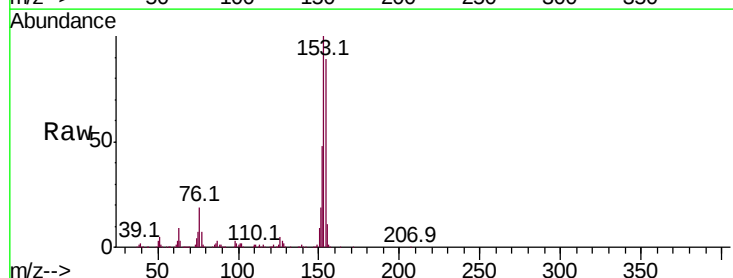
Tgt Ion:154 Resp: 721036

Ion Ratio Lower Upper

154 100

153 112.0 89.0 133.6

152 53.6 43.0 64.6



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

600000

500000

400000

300000

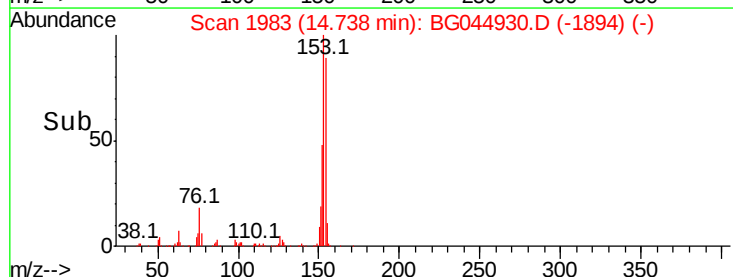
200000

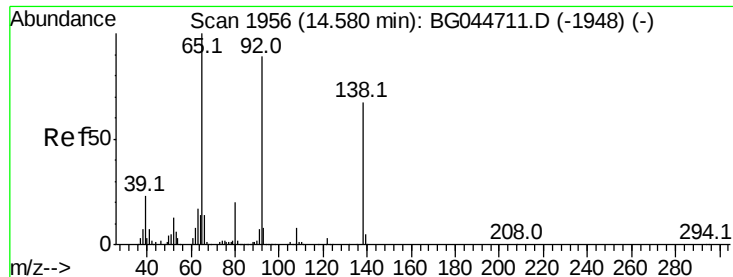
100000

0

14.70 14.80

Time-->





#53

3-Nitroaniline

Concen: 29.434 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

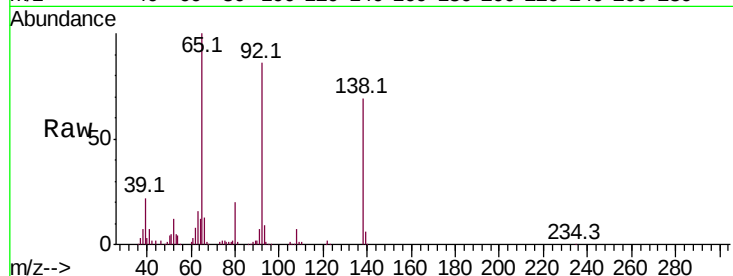
Tot Ion:138 Resp: 128770

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

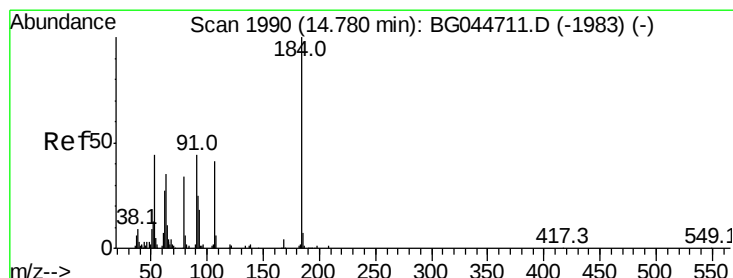
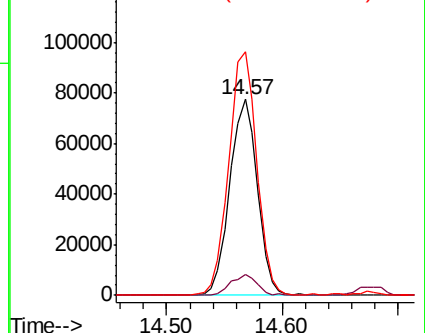
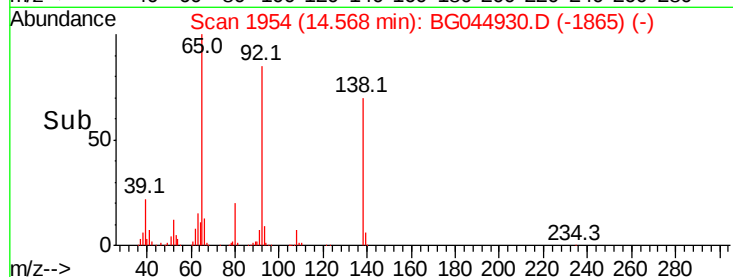
92 124.1 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 87.904 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

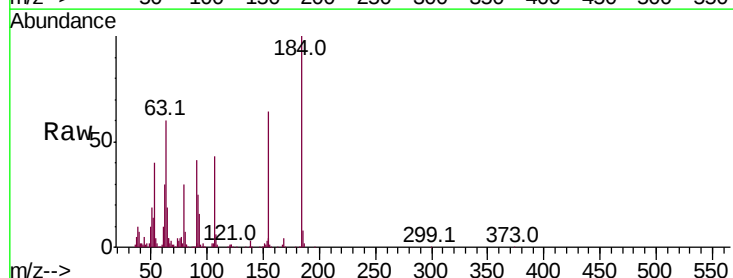
Tgt Ion:184 Resp: 176619

Ion Ratio Lower Upper

184 100

63 59.9 45.5 68.3

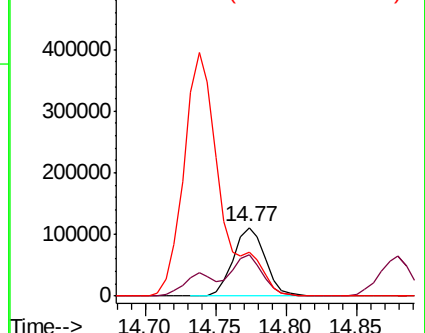
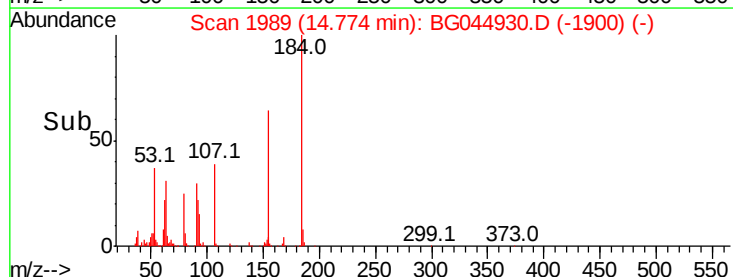
154 64.0 49.1 73.7

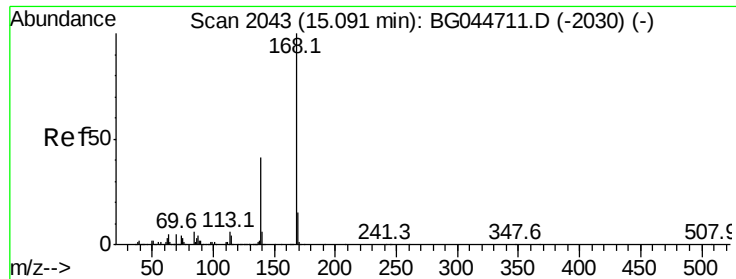


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.222 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

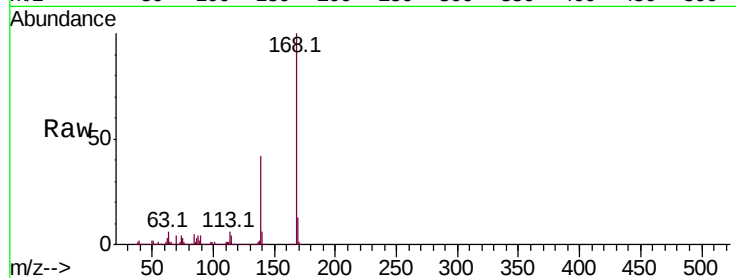
BNA_G

ClientSampleId :

PB127768BS

Tot Ion:168 Resp: 973569

Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.4	47.0
169	13.3	11.1	16.7

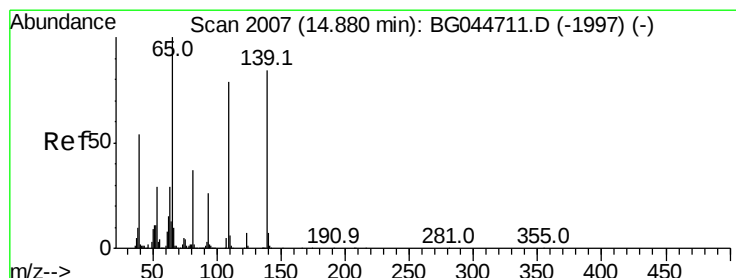
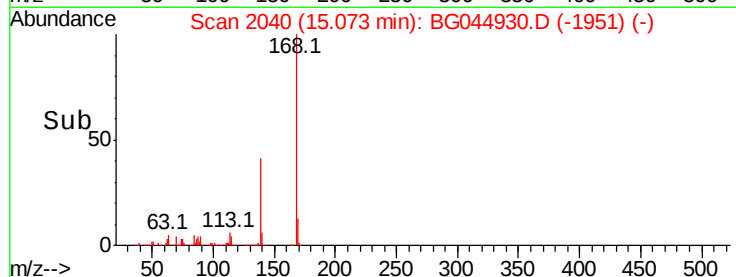
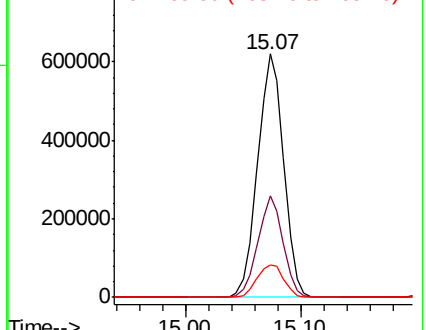


Abundance

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: 90.760 ng

RT: 14.88 min Scan# 2007

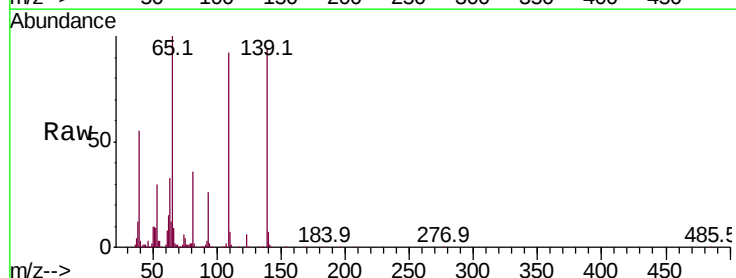
Delta R.T. 0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:139 Resp: 303037

Ion	Ratio	Lower	Upper
139	100		
109	97.6	68.8	108.8
65	106.6	92.5	132.5

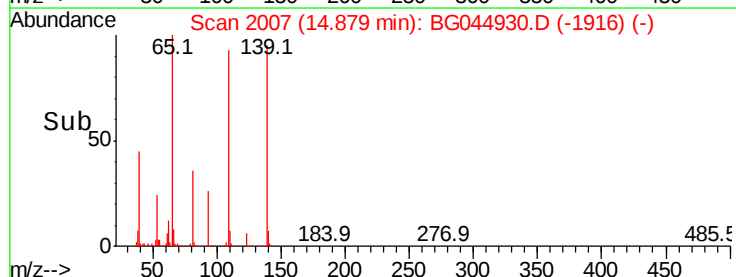
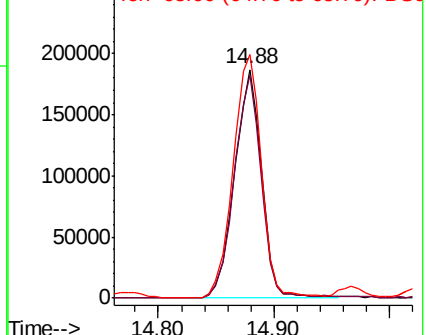


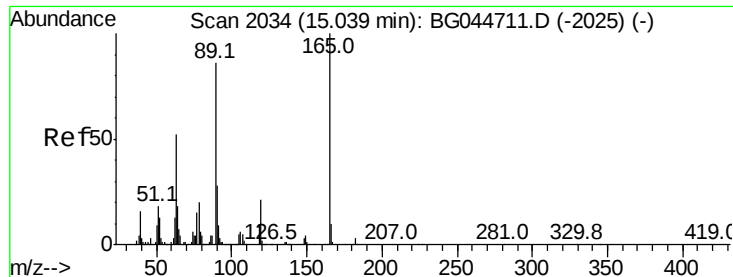
Abundance

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): BG





#57

2,4-Dinitrotoluene

Concen: 49.484 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

Tot Ion:165 Resp: 258251

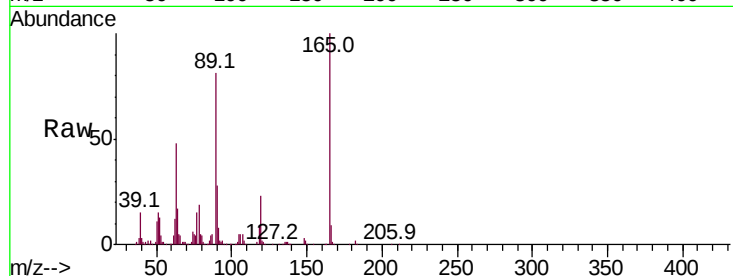
Ion Ratio Lower Upper

165 100

63 47.5 34.6 52.0

89 80.9 61.3 91.9

182 2.1 2.2 3.2#

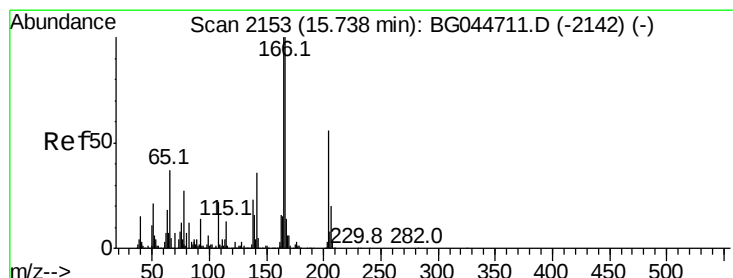
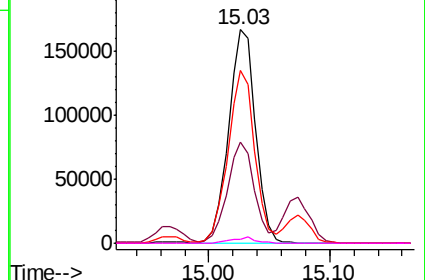
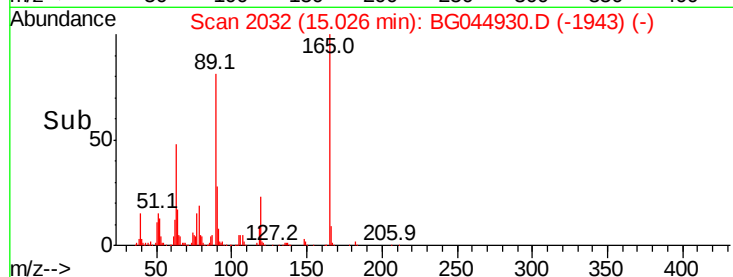


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.675 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

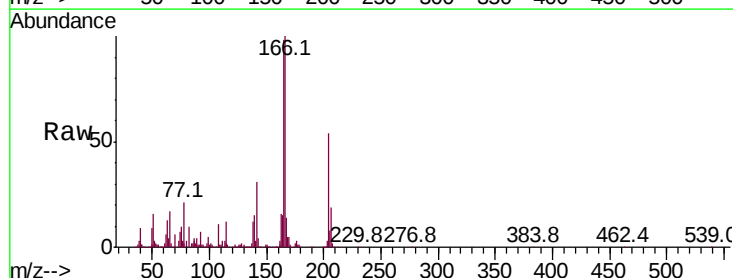
Tgt Ion:166 Resp: 808885

Ion Ratio Lower Upper

166 100

165 98.1 79.7 119.5

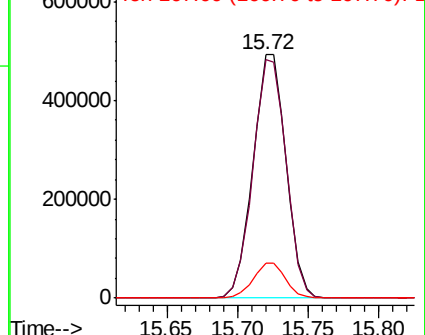
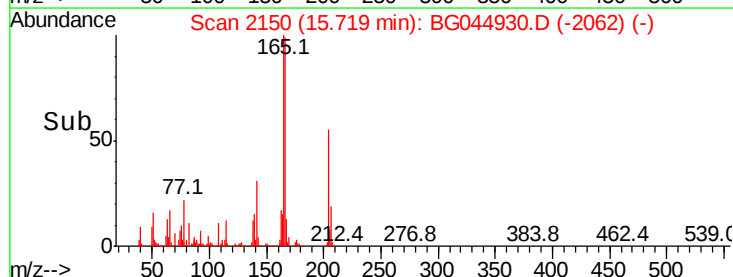
167 14.2 10.6 16.0

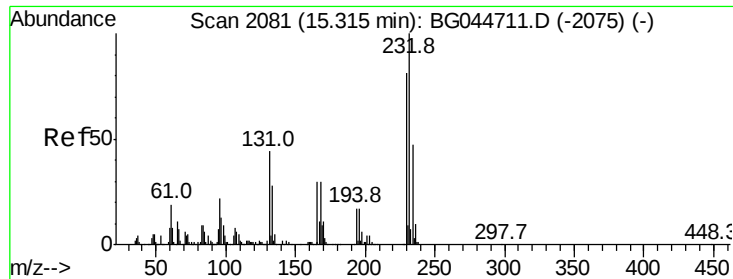


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

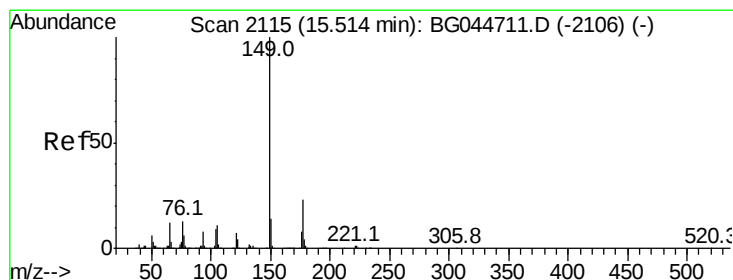
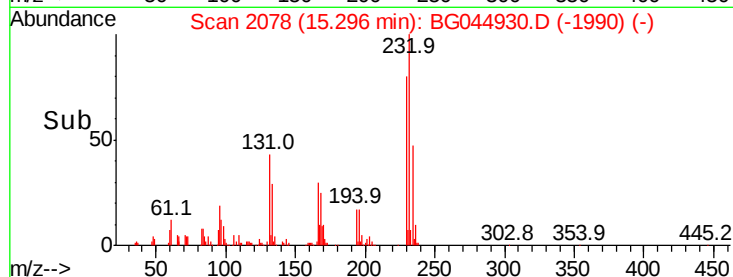
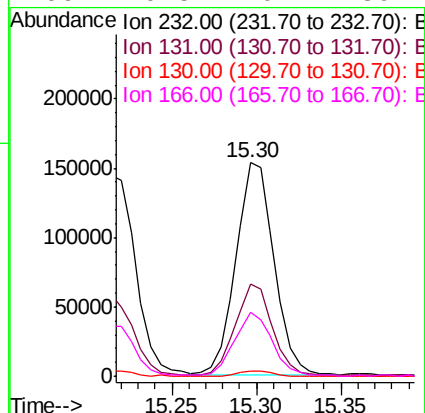
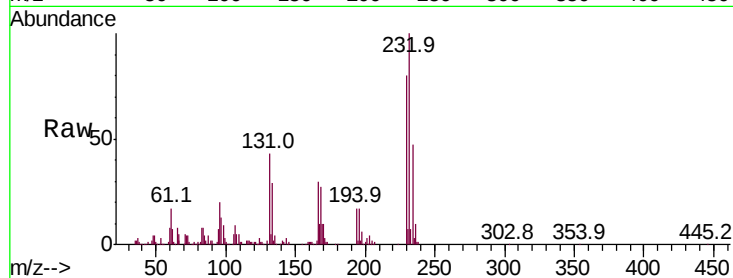




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.616 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

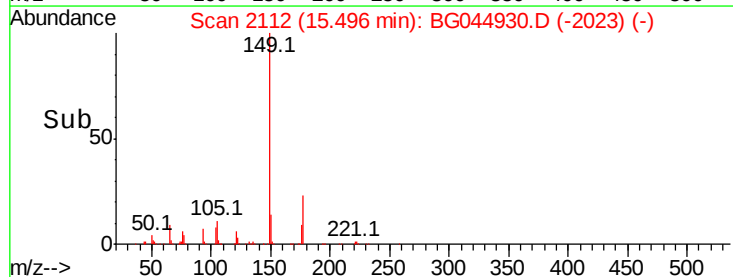
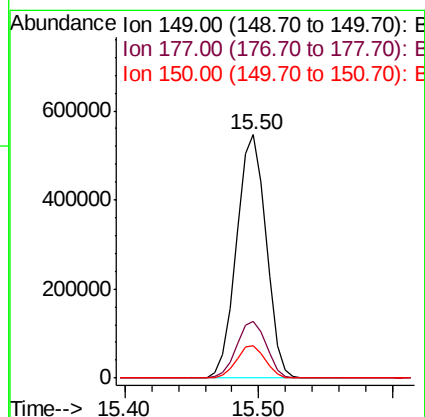
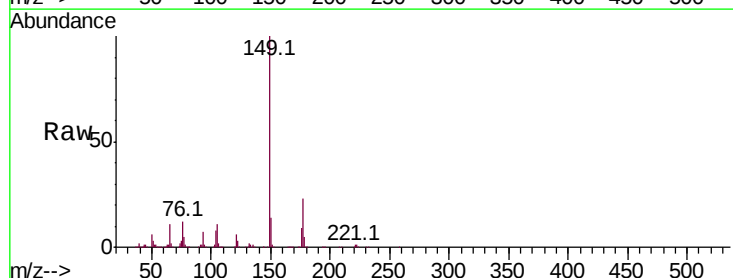
Instrument :
BNA_G
ClientSampleId :
PB127768BS

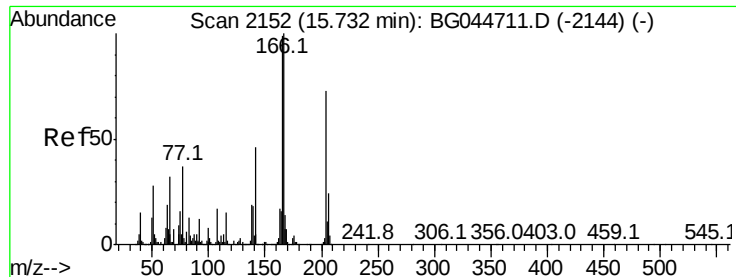
Tot Ion:	232	Resp:	240471
Ion	Ratio	Lower	Upper
232	100		
131	42.4	31.8	47.8
130	2.4	2.2	3.2
166	29.5	20.2	30.2



#60
Diethylphthalate
Concen: 42.577 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:	149	Resp:	838327
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.3	28.9
150	13.5	11.0	16.6





#61

4-Chlorophenyl-phenylether

Concen: 45.143 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

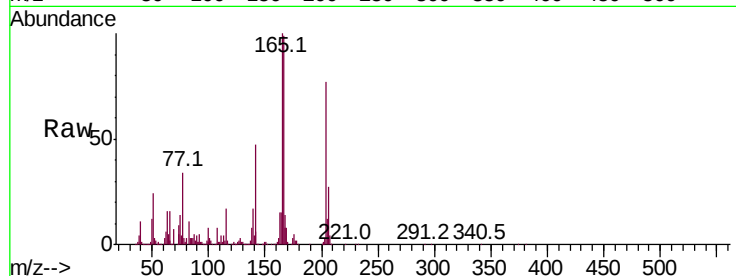
Tot Ion:204 Resp: 430482

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

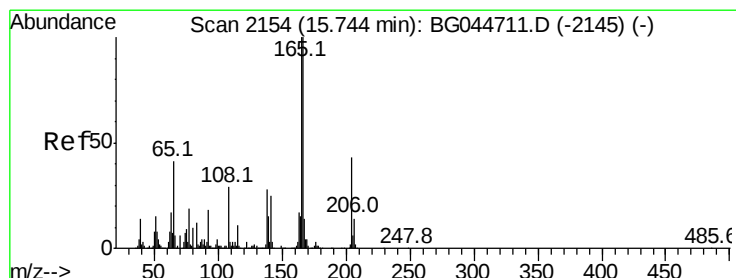
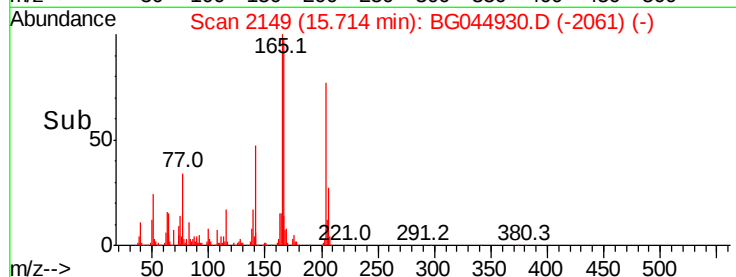
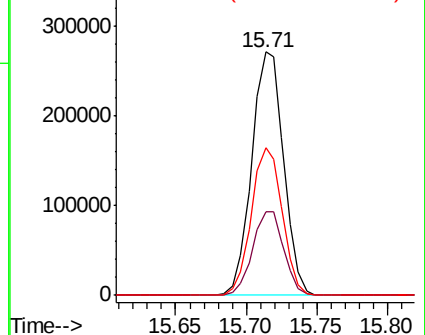
141 60.4 47.7 71.5



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: 41.984 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

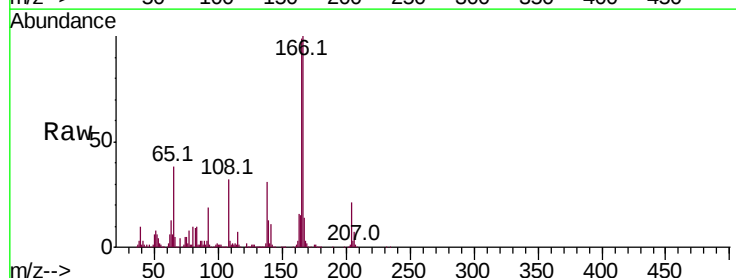
Tgt Ion:138 Resp: 195856

Ion Ratio Lower Upper

138 100

92 59.8 34.5 74.5

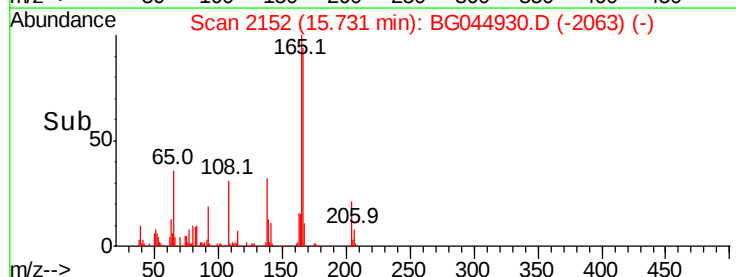
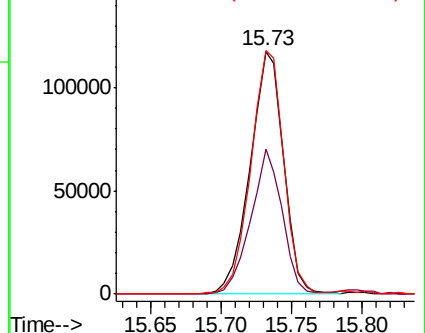
108 100.3 74.5 114.5

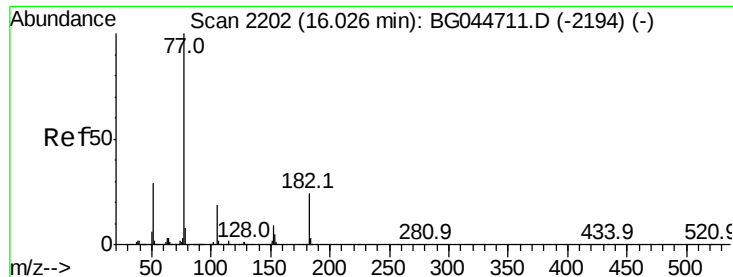


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

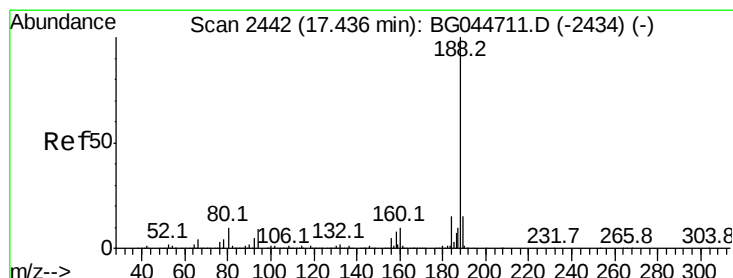
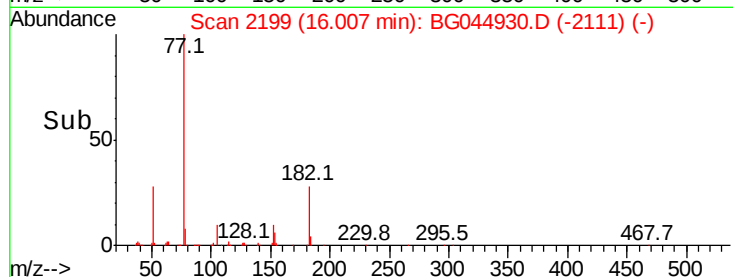
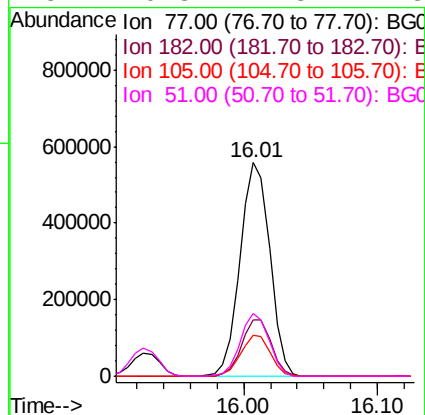
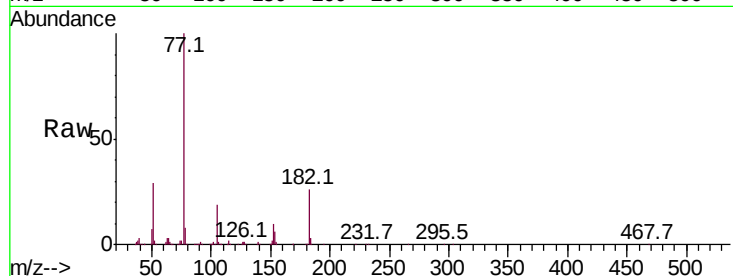




#63
Azobenzene
Concen: 41.912 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

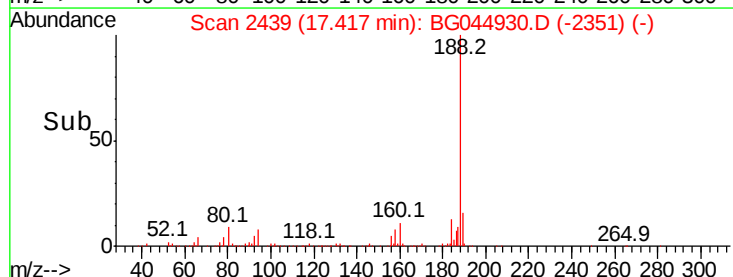
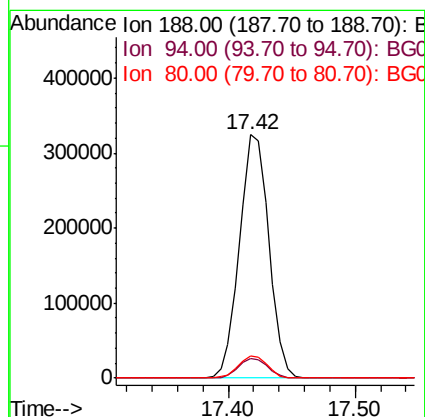
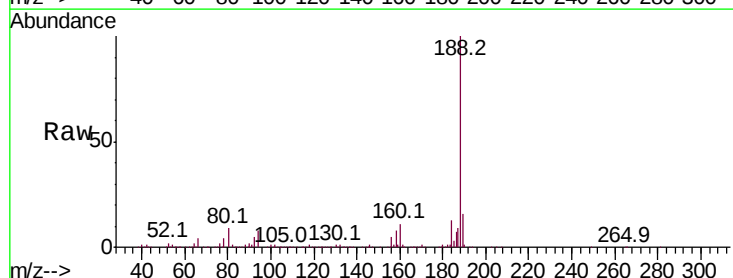
Instrument :
BNA_G
ClientSampleId :
PB127768BS

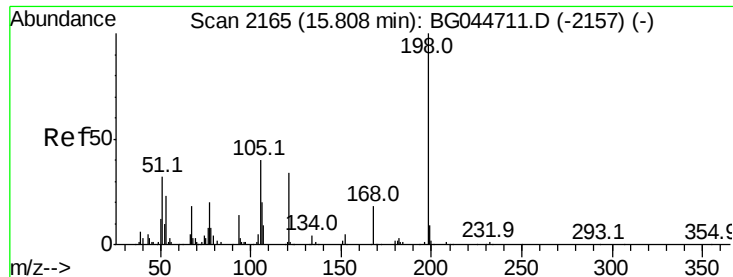
Tot Ion:	77	Resp:	856972
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	19.4	0.0	39.1
51	29.3	7.3	47.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:	188	Resp:	520118
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.3	10.9
80	9.0	8.0	12.0

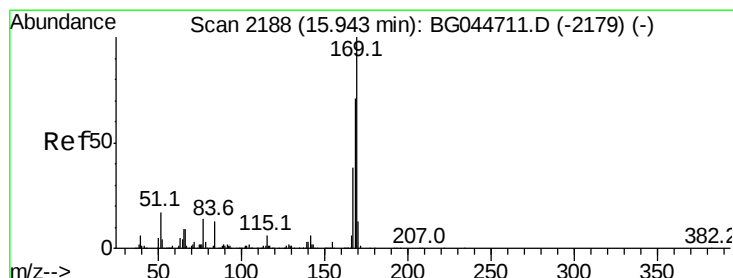
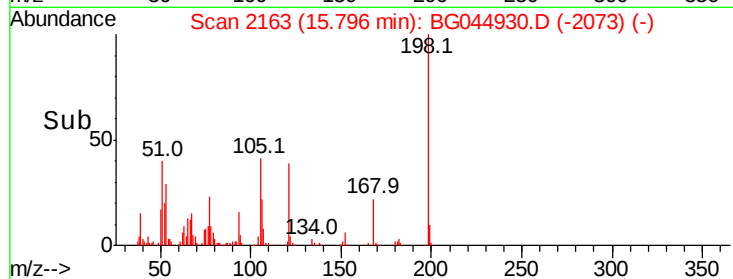
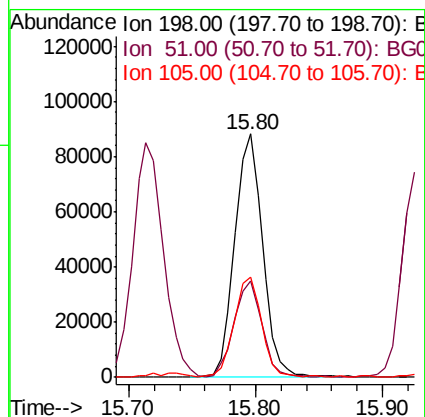
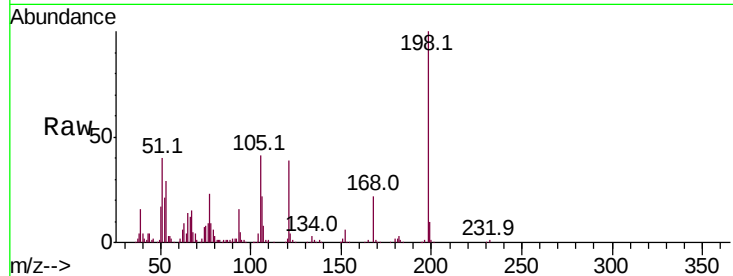




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.818 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

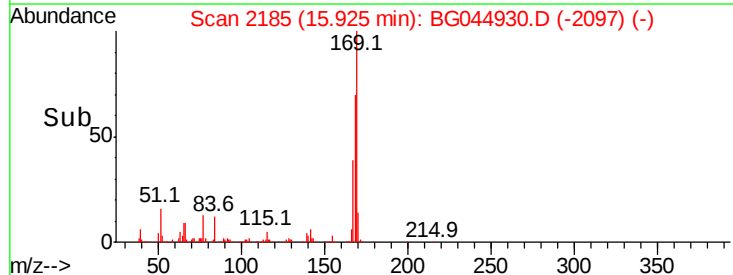
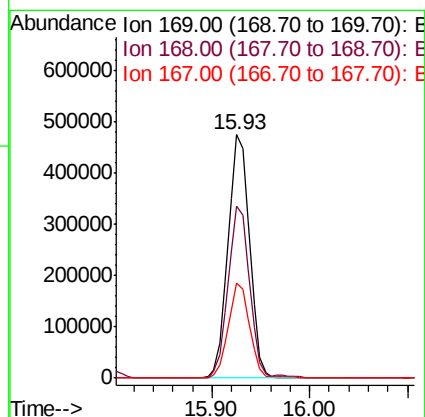
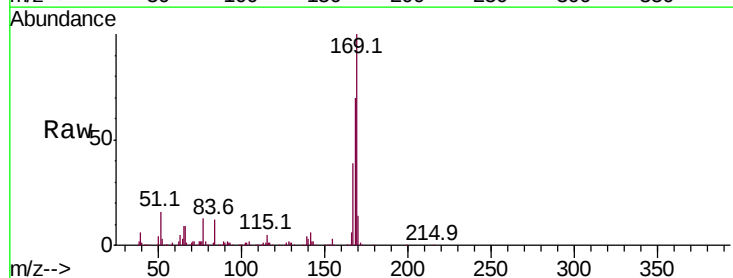
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

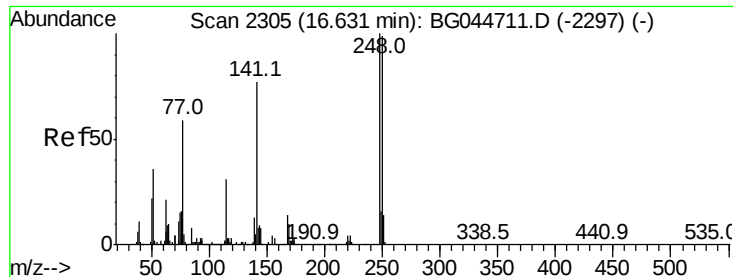
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.8	21.1	61.1
105	41.0	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.442 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.4	83.2
167	38.9	30.1	45.1

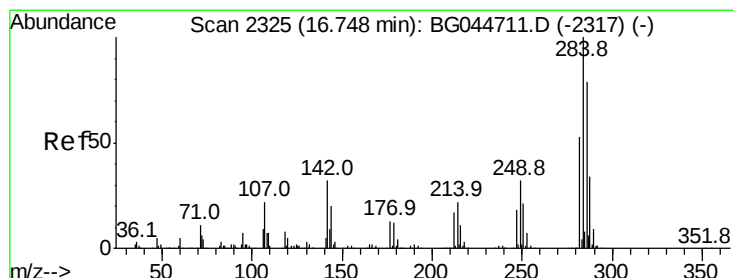
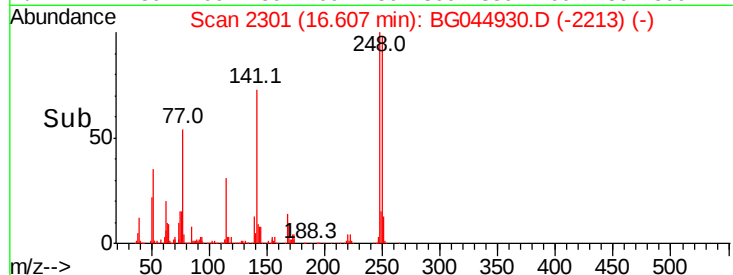
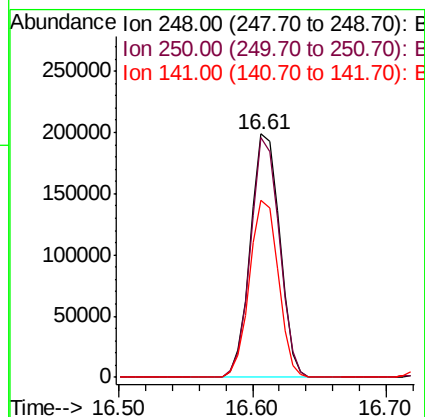
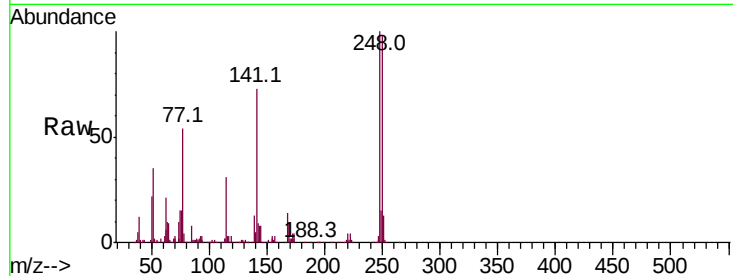




#67
4-Bromophenyl-phenylether
Concen: 46.050 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

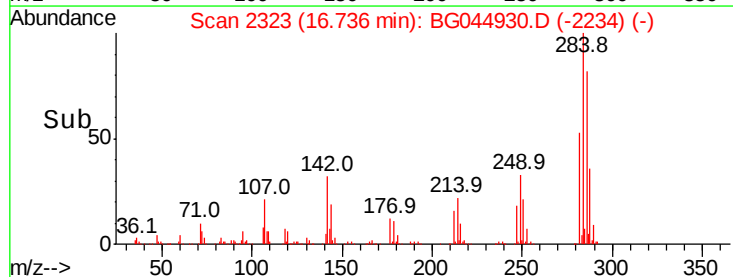
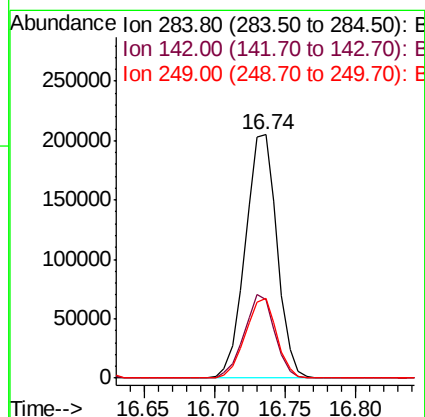
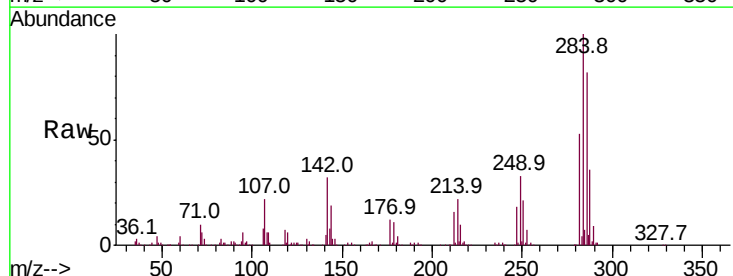
Instrument :
BNA_G
ClientSampleId :
PB127768BS

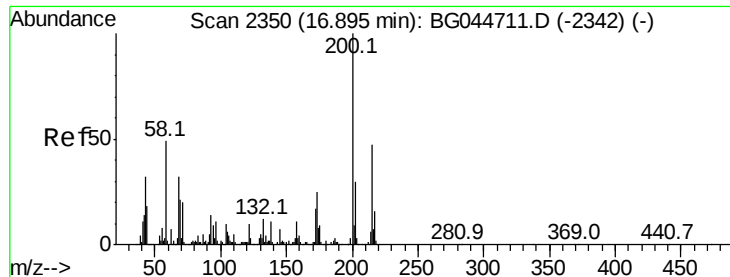
Tot Ion:248 Resp: 299428
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 72.9 57.5 86.3



#68
Hexachlorobenzene
Concen: 45.711 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:284 Resp: 322455
Ion Ratio Lower Upper
284 100
142 32.3 25.0 37.6
249 32.7 25.8 38.8





#69

Atrazine

Concen: 49.026 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

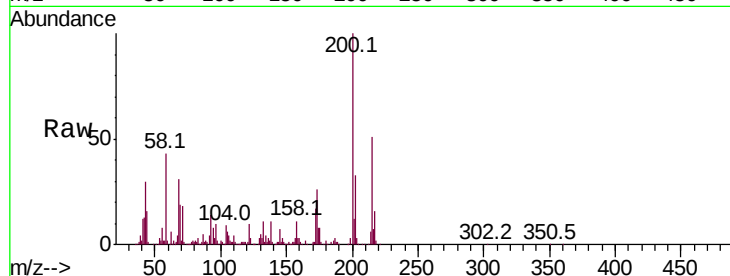
Tot Ion:200 Resp: 281266

Ion Ratio Lower Upper

200 100

173 25.7 5.3 45.3

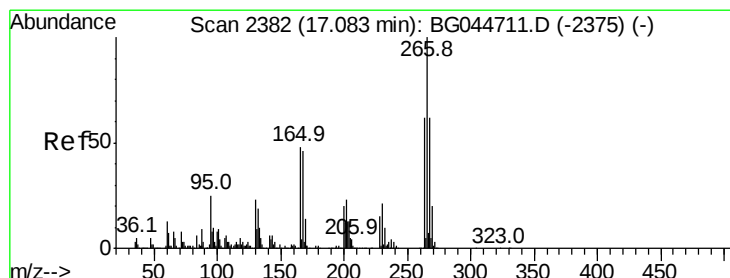
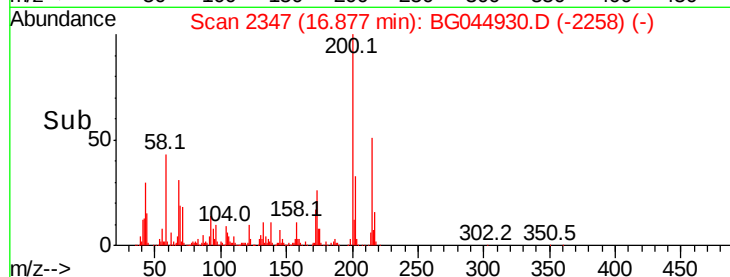
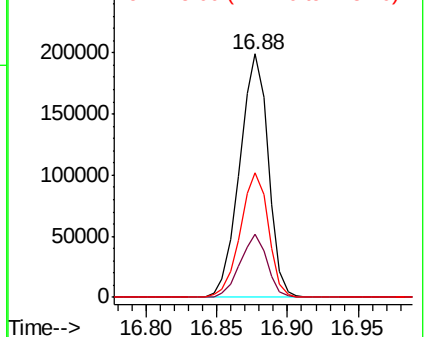
215 51.1 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 98.415 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

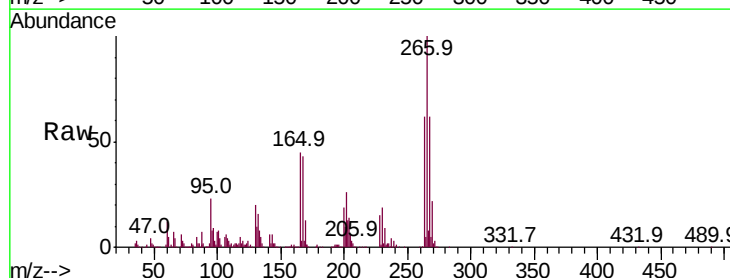
Tgt Ion:266 Resp: 381981

Ion Ratio Lower Upper

266 100

268 62.0 50.3 75.5

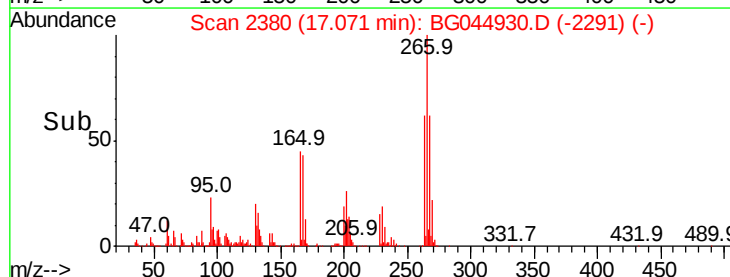
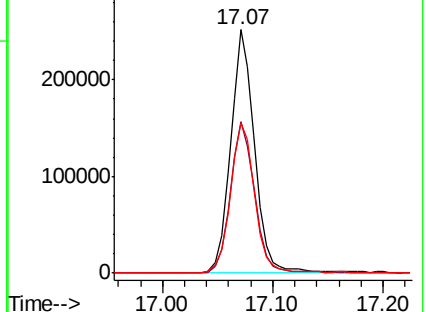
264 61.9 51.4 77.2

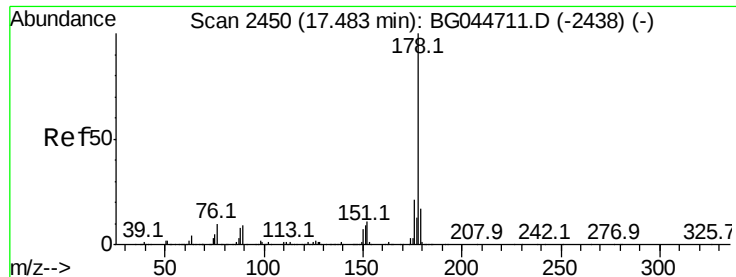


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



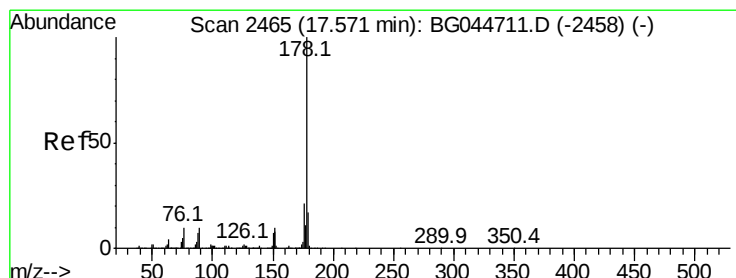
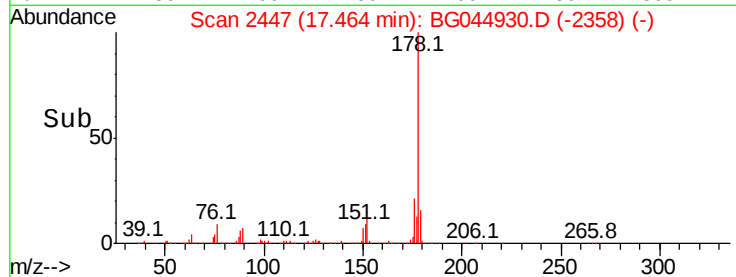
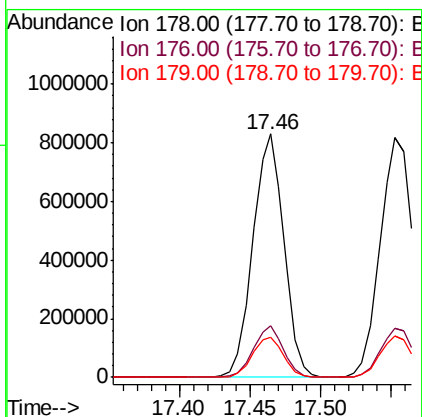
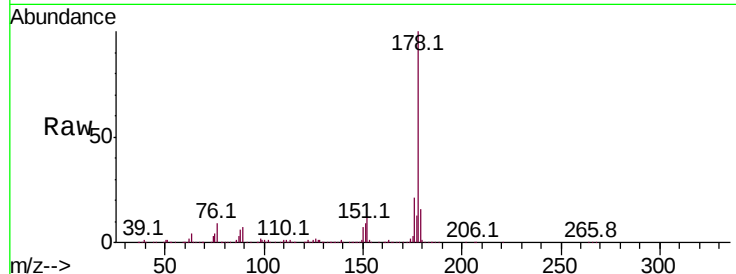


#71
 Phenanthrene
 Concen: 46.049 ng
 RT: 17.46 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

Tot Ion:178 Resp: 1279886

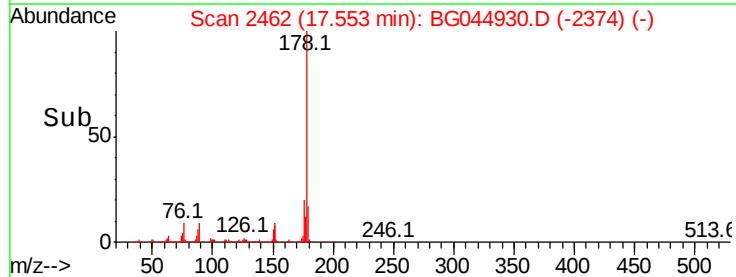
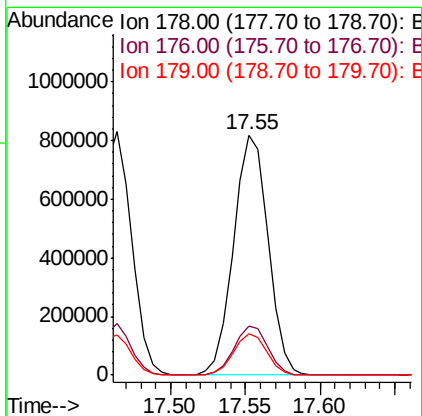
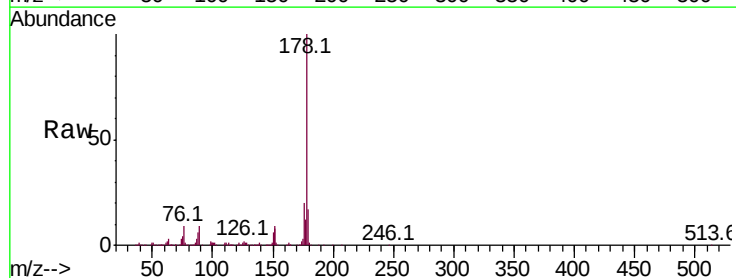
Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	24.8
179	16.4	13.5	20.3

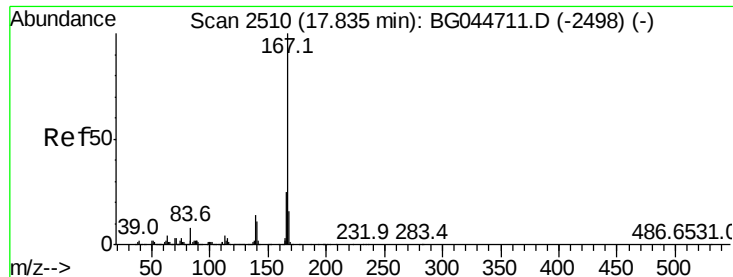


#72
 Anthracene
 Concen: 47.902 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion:178 Resp: 1312846

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	17.4	13.2	19.8





#73

Carbazole

Concen: 45.852 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

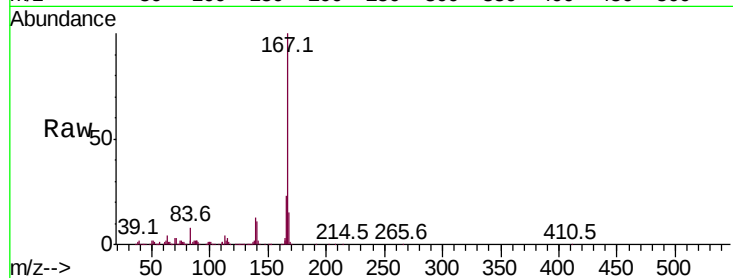
BNA_G

ClientSampleId :

PB127768BS

Tot Ion:167 Resp: 1207096

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.8	28.2
139	13.4	10.8	16.2

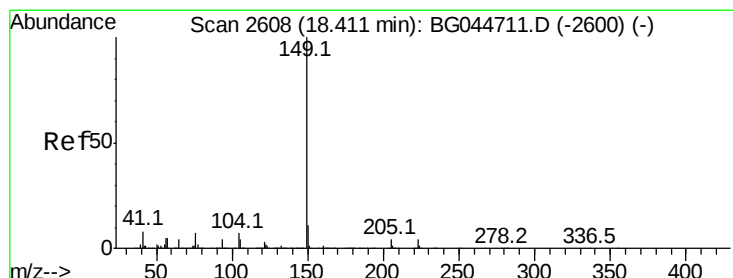
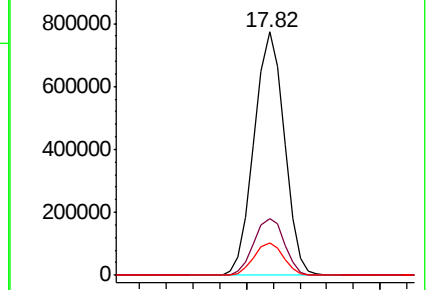
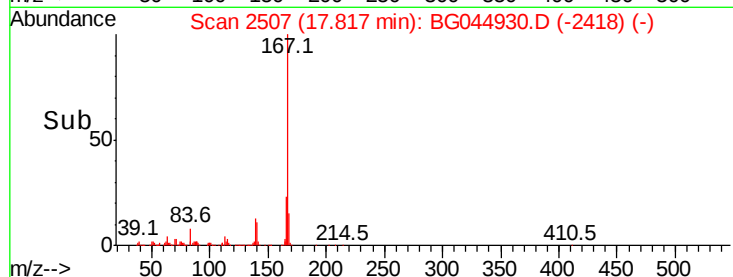


Abundance

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: 43.808 ng

RT: 18.39 min Scan# 2604

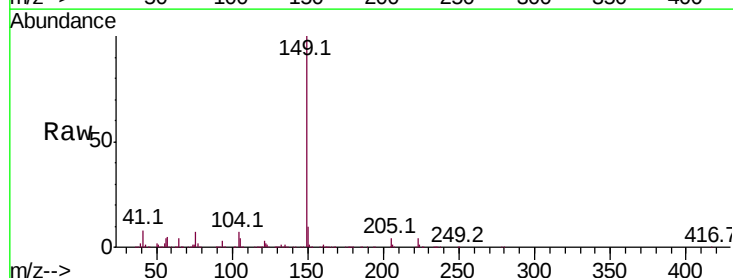
Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Tgt Ion:149 Resp: 1401960

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	6.6	5.0	7.4

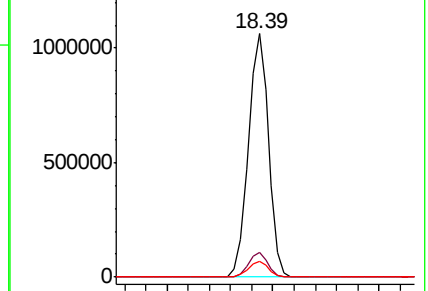
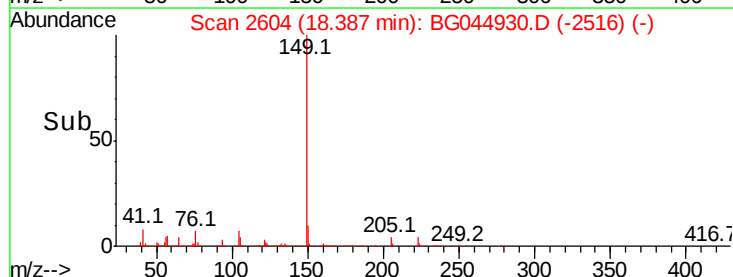


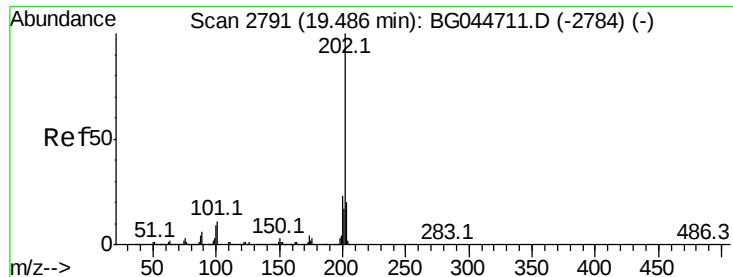
Abundance

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: 47.174 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

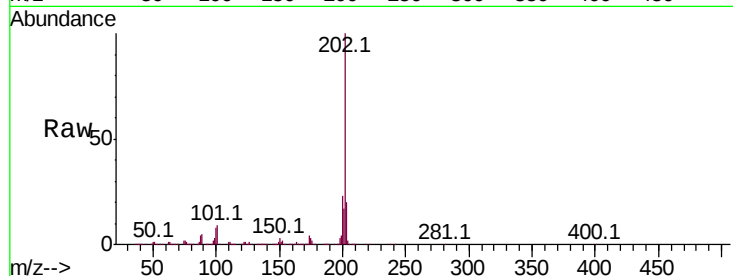
Tot Ion:202 Resp: 1561170

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.8

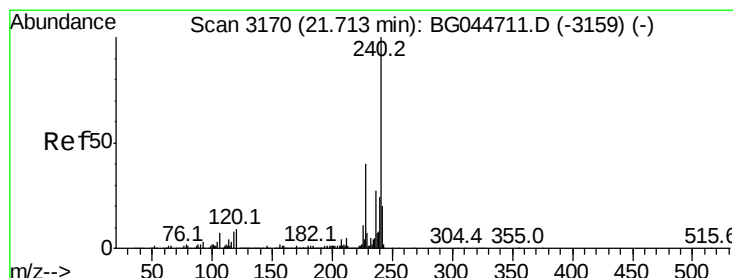
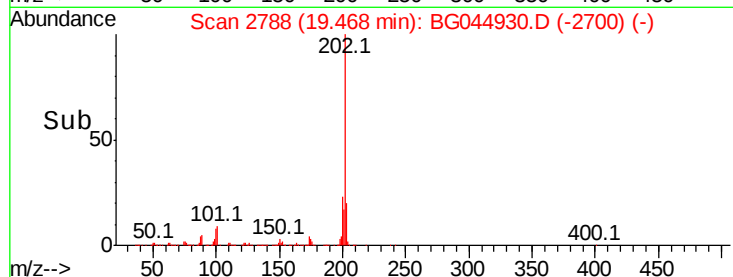
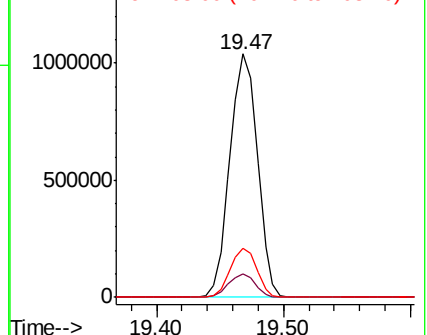
203 20.1 0.0 39.4



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

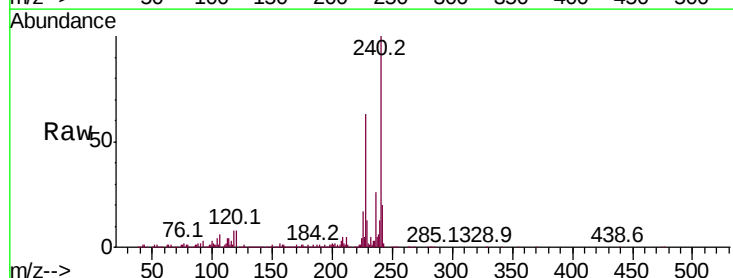
Tgt Ion:240 Resp: 479240

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

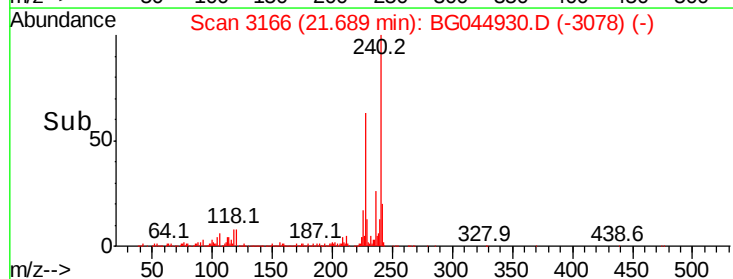
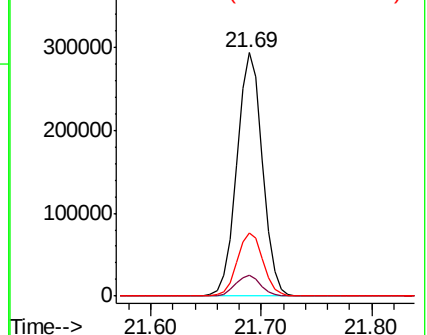
236 25.9 21.5 32.3

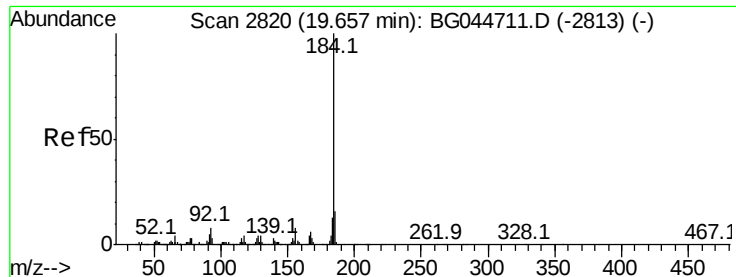


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.768 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

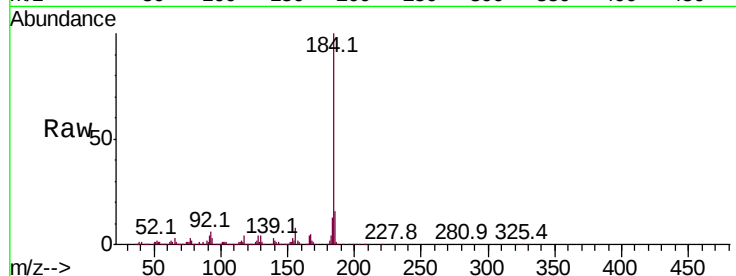
Tot Ion:184 Resp: 805406

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.4

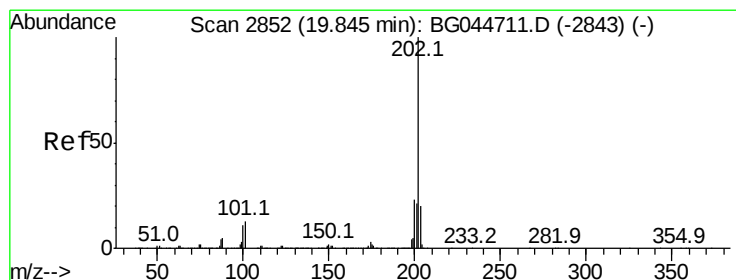
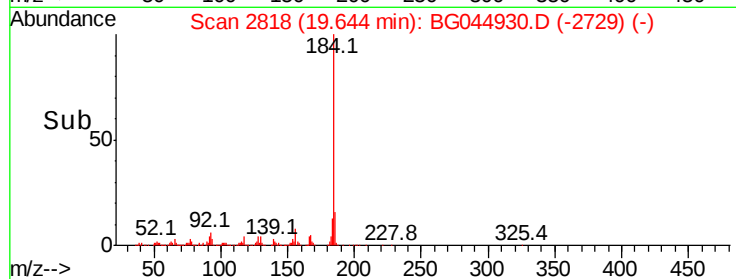
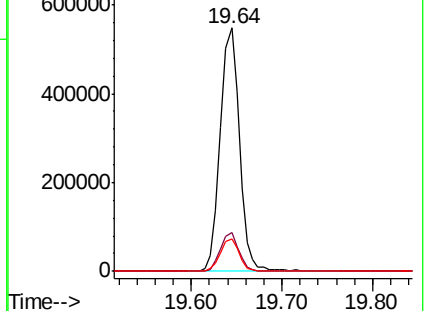
183 13.4 10.7 16.1



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: 44.256 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

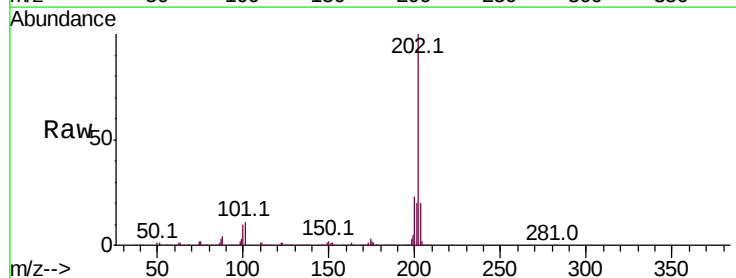
Tgt Ion:202 Resp: 1556061

Ion Ratio Lower Upper

202 100

200 23.5 18.3 27.5

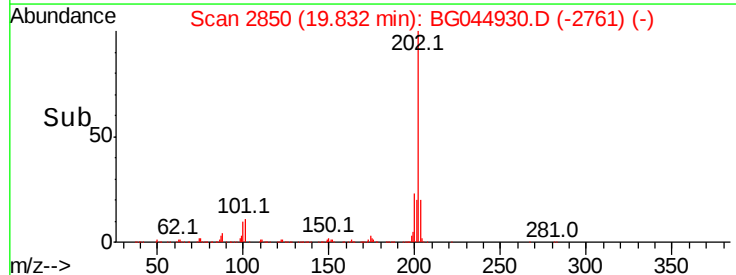
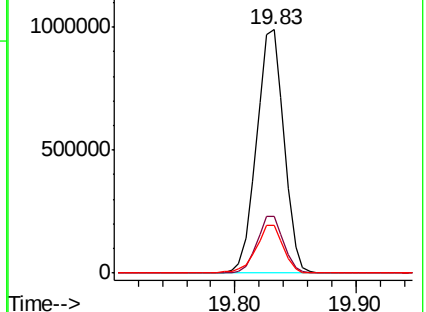
203 19.5 15.6 23.4

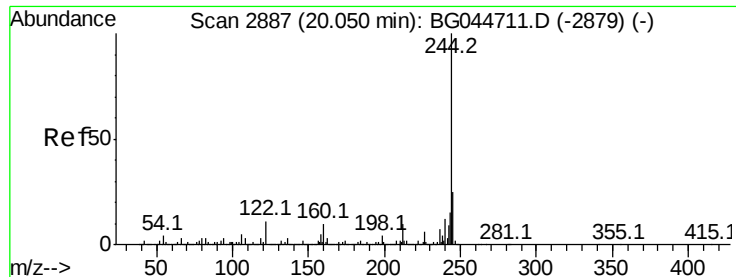


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.098 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

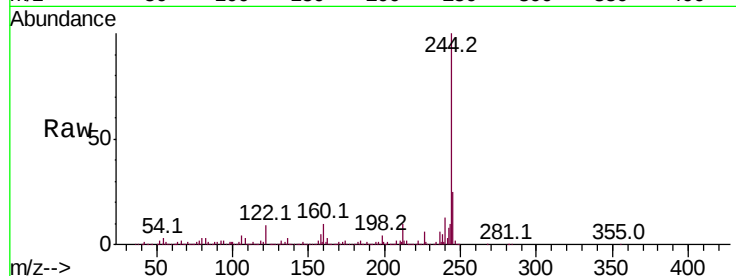
Tot Ion:244 Resp: 2180224

Ion Ratio Lower Upper

244 100

212 10.1 7.7 11.5

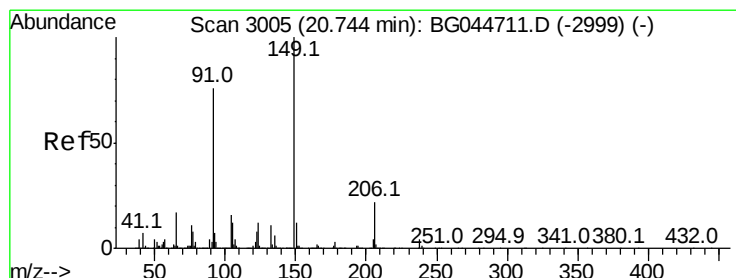
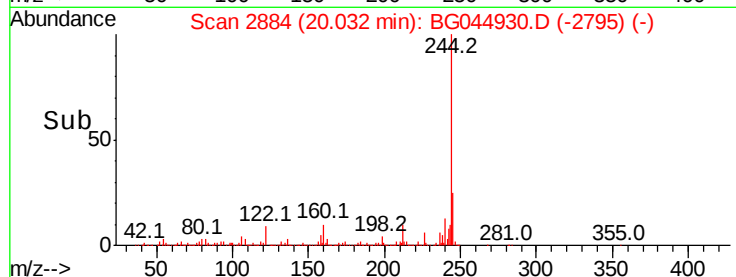
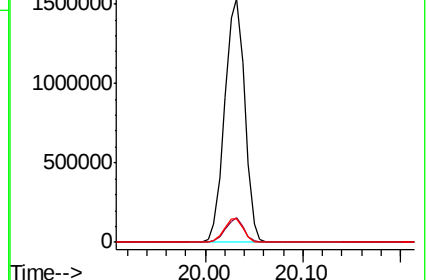
122 9.4 8.6 12.8



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: 39.523 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

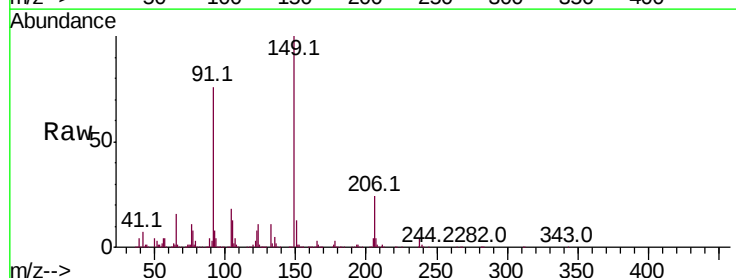
Tgt Ion:149 Resp: 618223

Ion Ratio Lower Upper

149 100

91 76.2 60.2 90.4

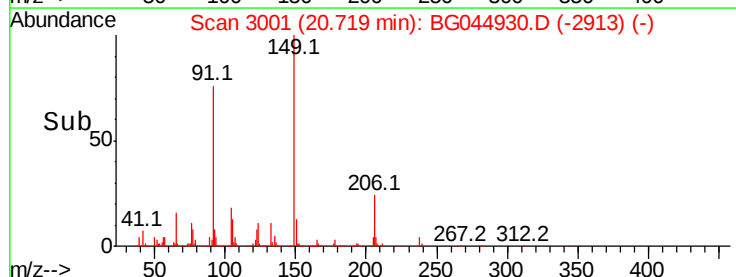
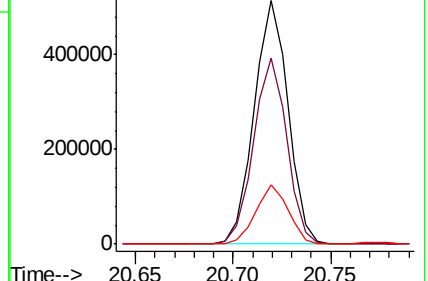
206 24.4 18.6 27.8

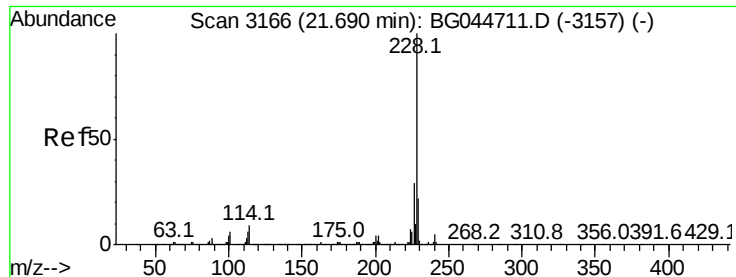


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.329 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

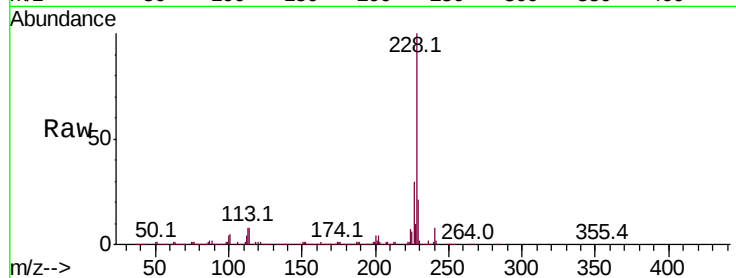
Tot Ion:228 Resp: 1495221

Ion Ratio Lower Upper

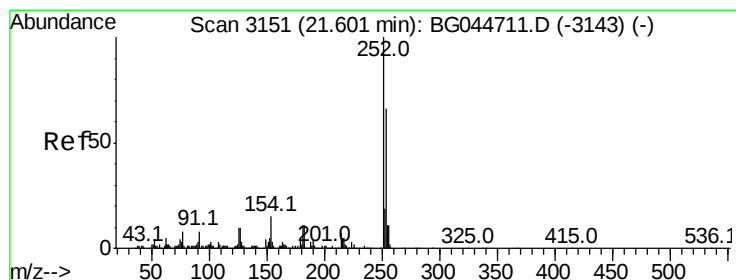
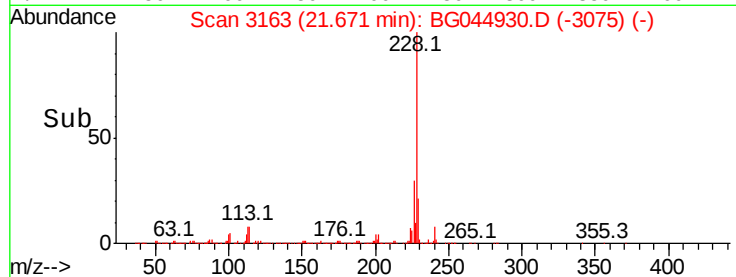
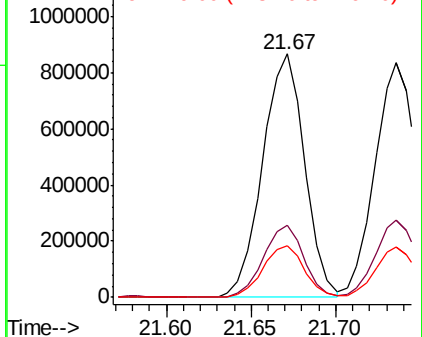
228 100

226 29.8 23.6 35.4

229 21.4 17.1 25.7



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: 30.690 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

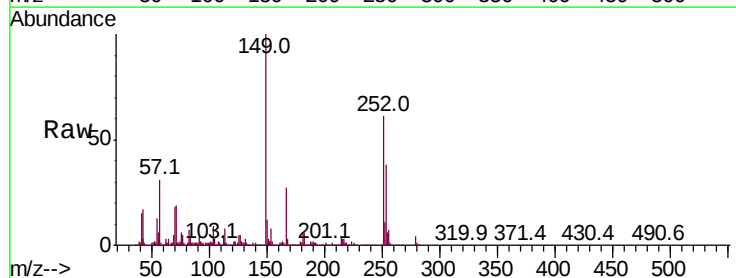
Tgt Ion:252 Resp: 409718

Ion Ratio Lower Upper

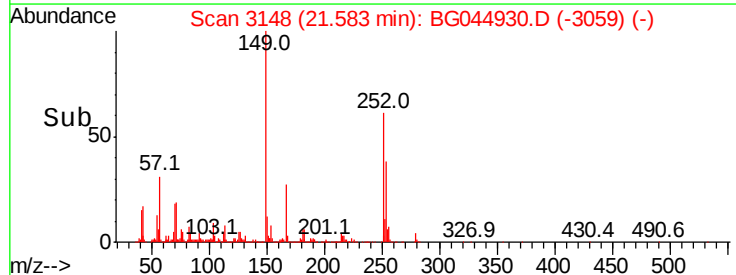
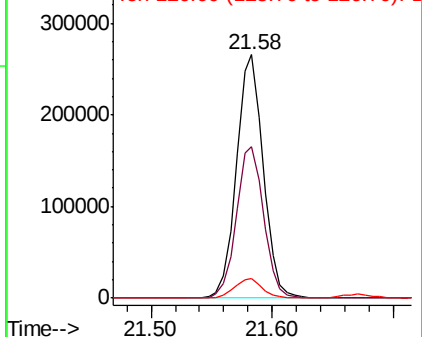
252 100

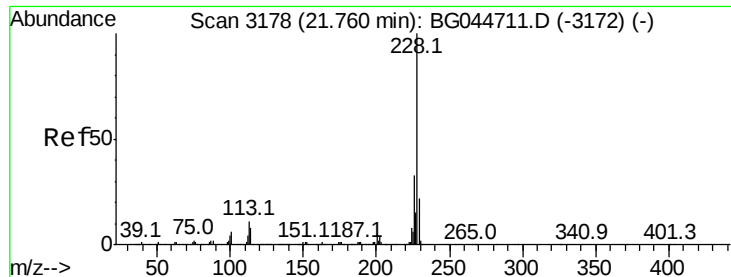
254 62.0 51.6 77.4

126 8.0 7.0 10.6



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

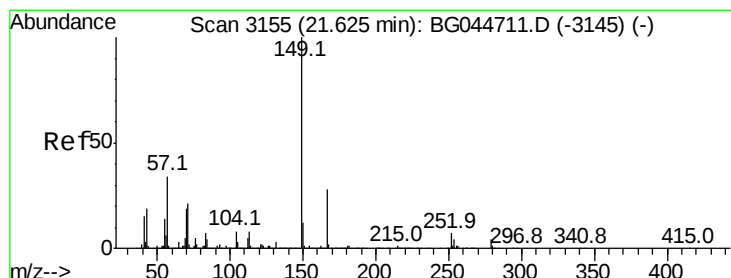
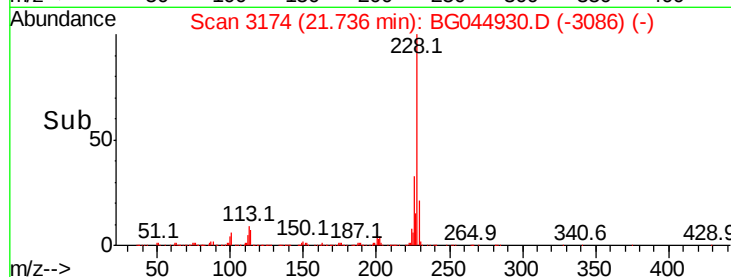
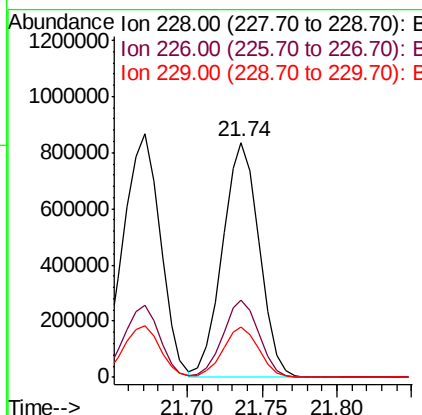
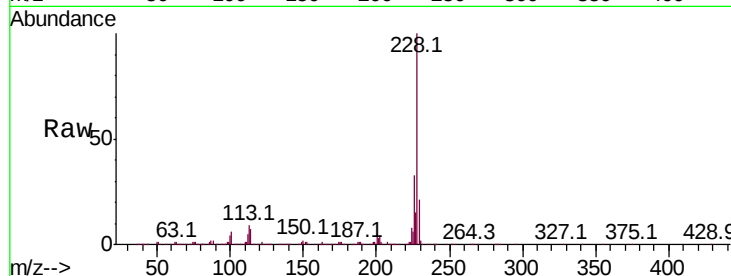




#83
 Chrvsene
 Concen: 43.554 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

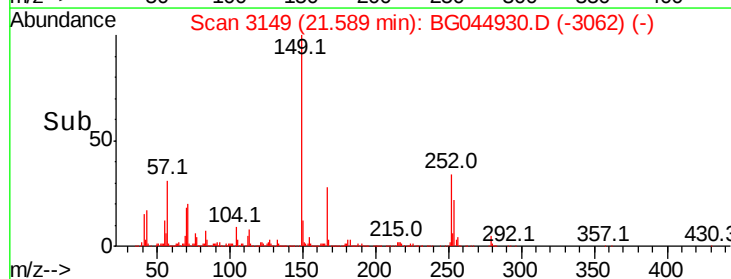
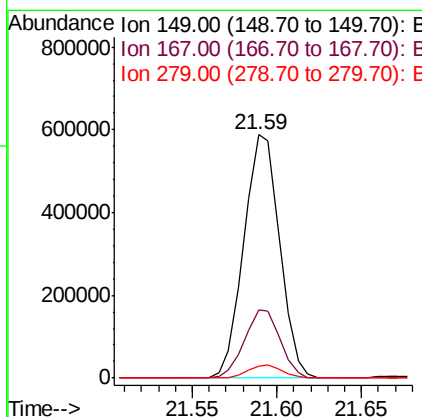
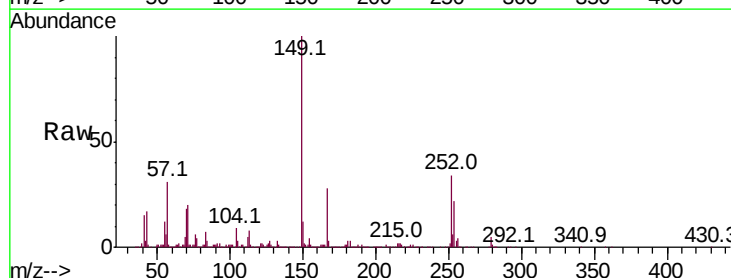
Instrument :
 BNA_G
 ClientSampleId :
 PB127768BS

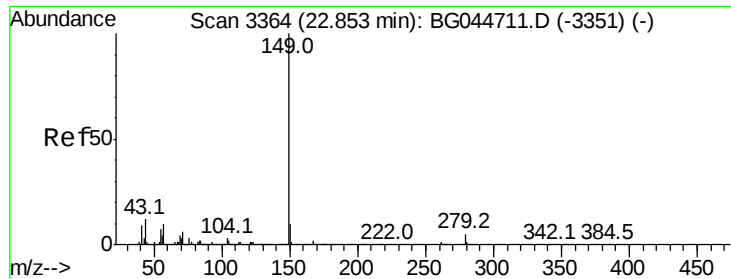
Tot	Ion:228	Resp:	1435697
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.9	38.9
229	21.3	17.4	26.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.303 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG044930.D
 Acq: 24 Mar 2020 14:51

Tgt Ion	Ion:149	Resp: 870064	
	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.6
279	4.9	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.027 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

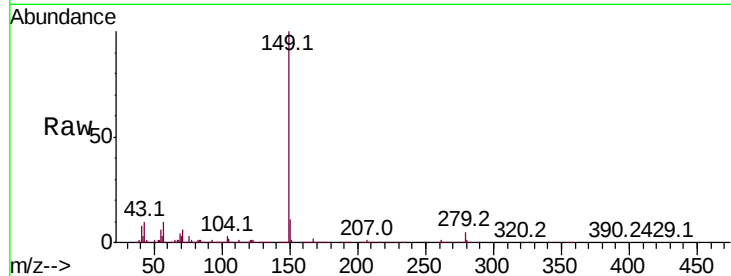
Tot Ion:149 Resp: 1482115

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

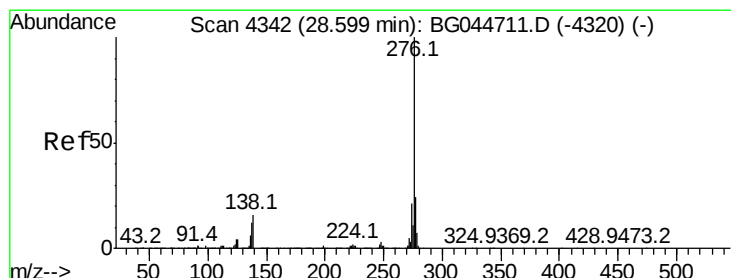
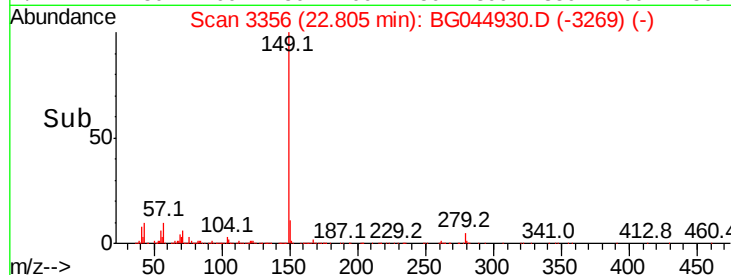
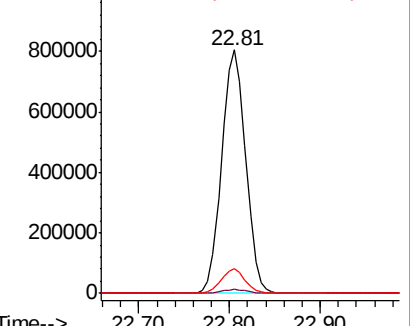
43 10.2 8.2 12.4



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: 44.767 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

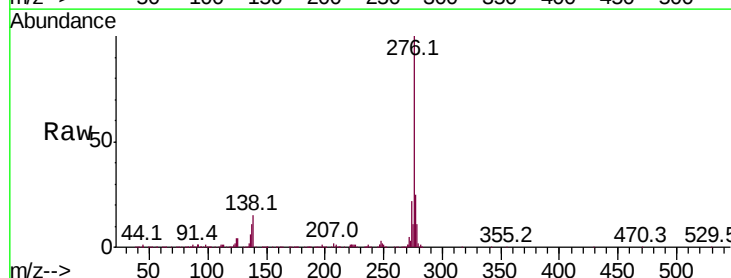
Tgt Ion:276 Resp: 1934676

Ion Ratio Lower Upper

276 100

138 17.8 7.4 11.0#

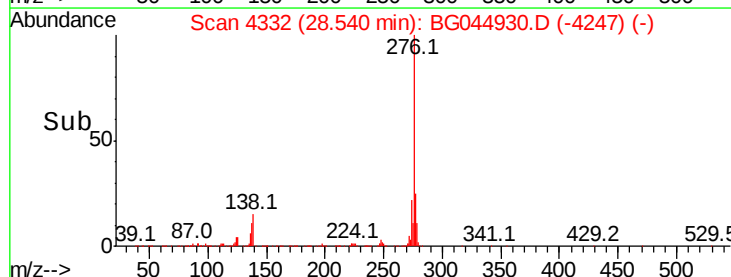
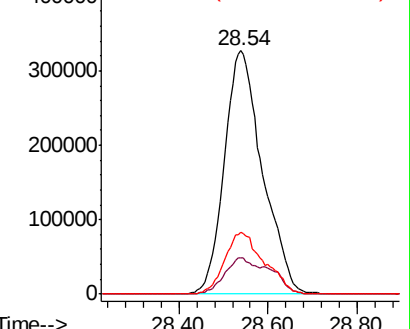
277 26.3 20.8 31.2

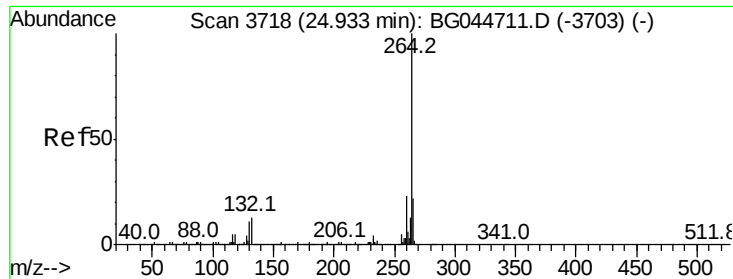


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

Instrument :

BNA_G

ClientSampleId :

PB127768BS

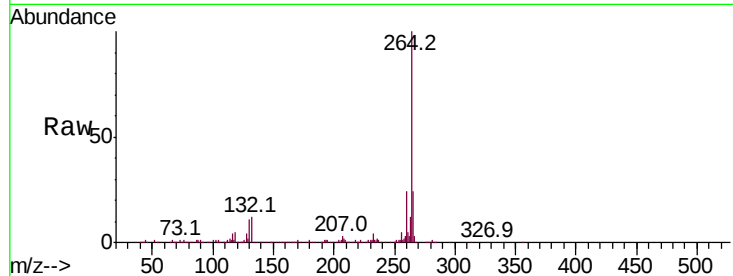
Tot Ion:264 Resp: 539070

Ion Ratio Lower Upper

264 100

260 23.5 18.1 27.1

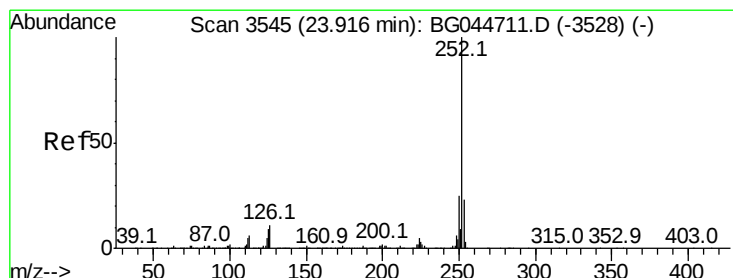
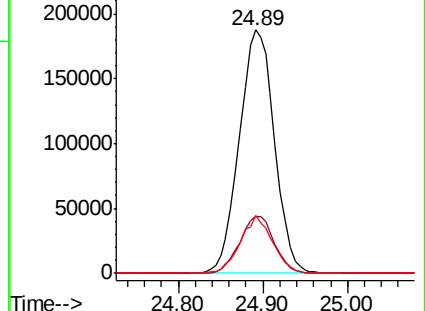
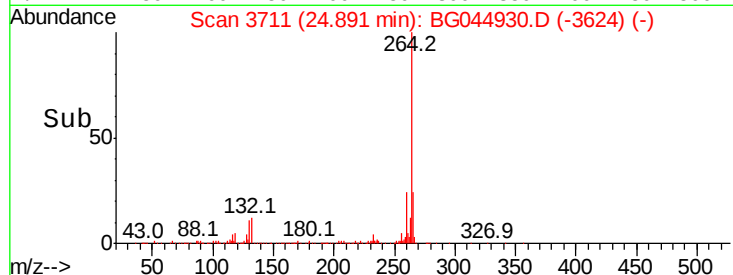
265 23.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.472 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG044930.D

Acq: 24 Mar 2020 14:51

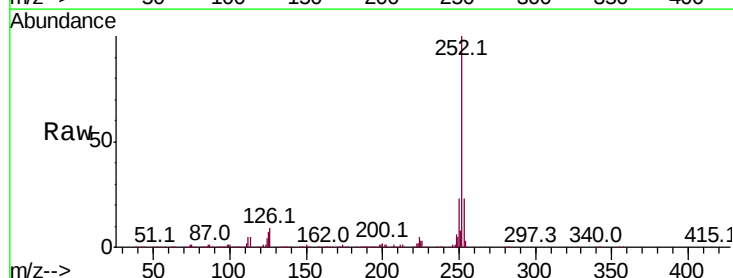
Tgt Ion:252 Resp: 1653865

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

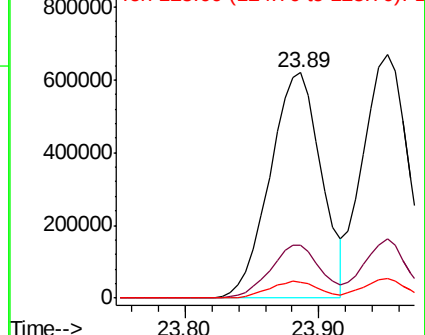
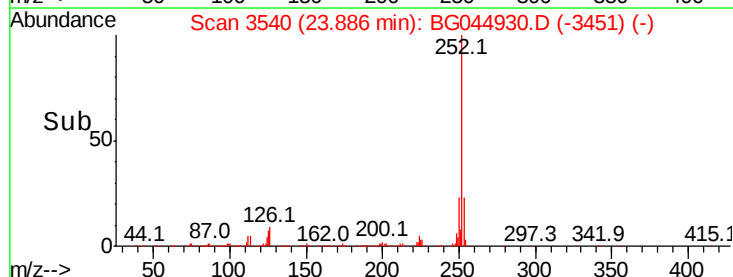
125 7.3 6.6 9.8

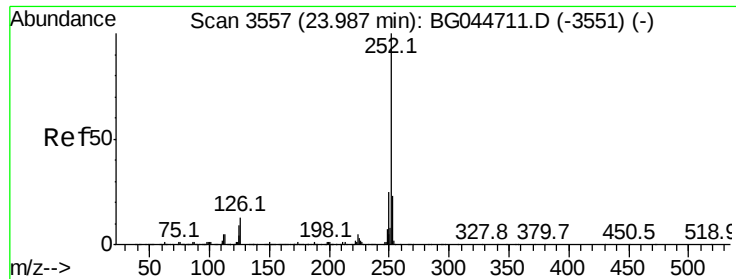


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

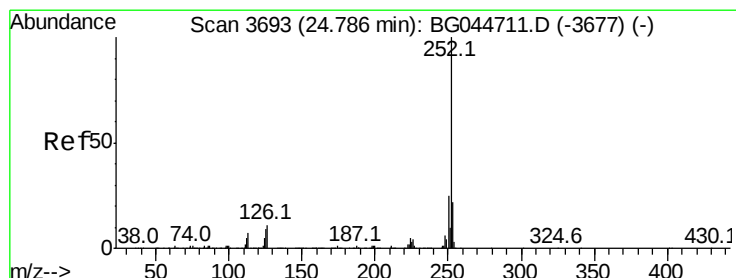
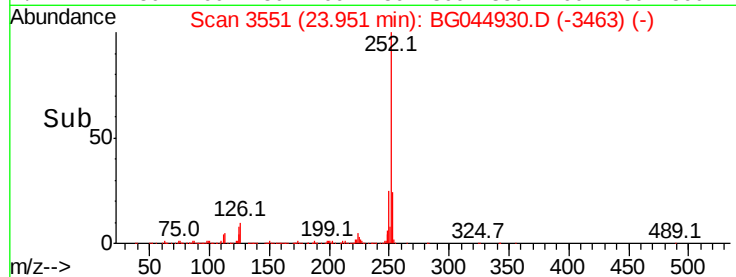
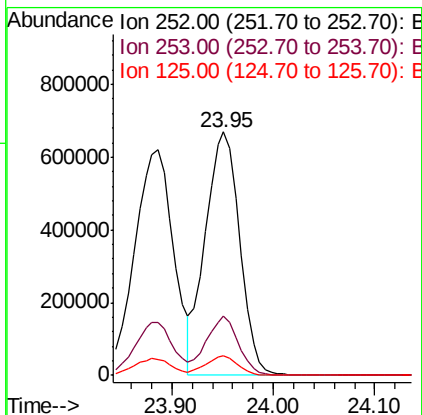
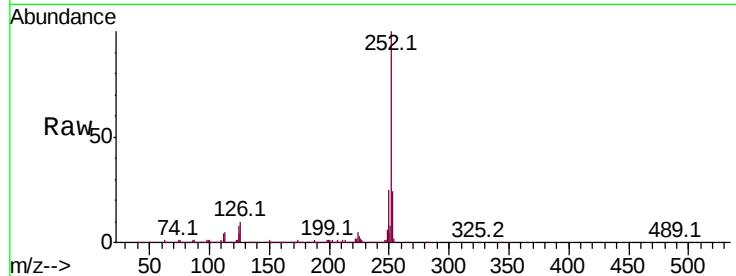




#89
Benzo(k)fluoranthene
Concen: 46.617 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

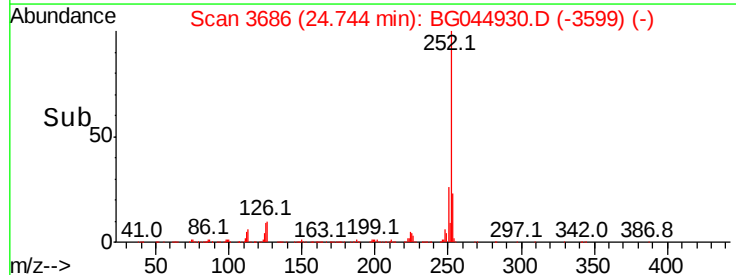
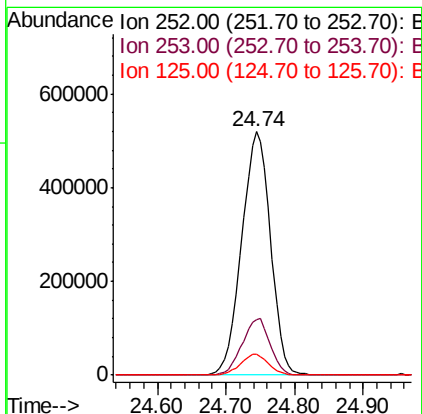
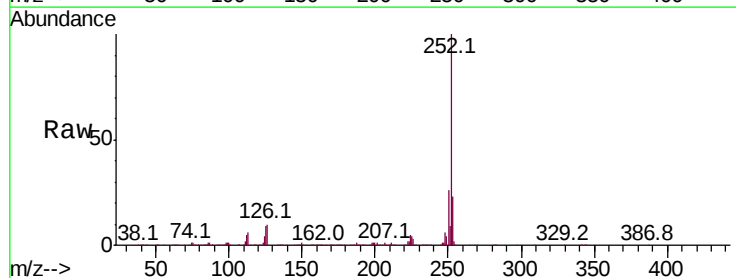
Instrument :
BNA_G
ClientSampleId :
PB127768BS

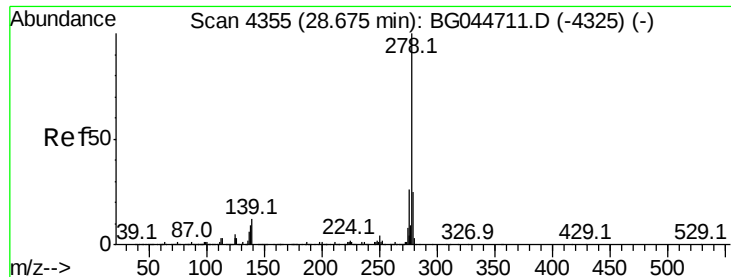
Tot Ion:252 Resp: 1569993
Ion Ratio Lower Upper
252 100
253 24.3 18.5 27.7
125 8.0 6.2 9.2



#90
Benzo(a)pyrene
Concen: 45.557 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:252 Resp: 1517055
Ion Ratio Lower Upper
252 100
253 22.8 19.4 29.0
125 8.6 7.2 10.8

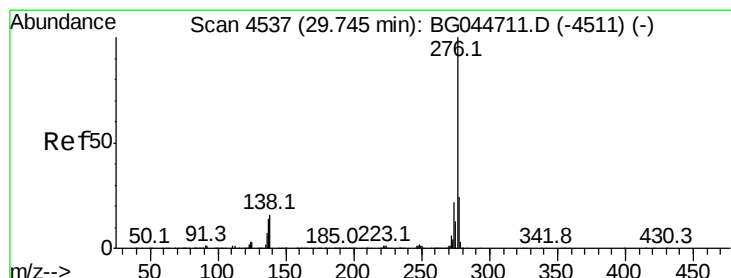
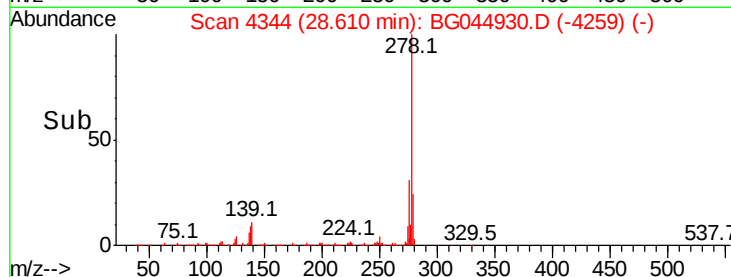
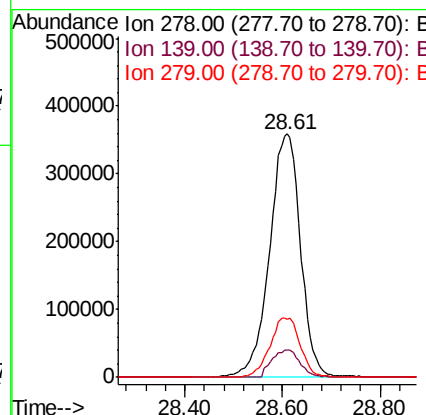
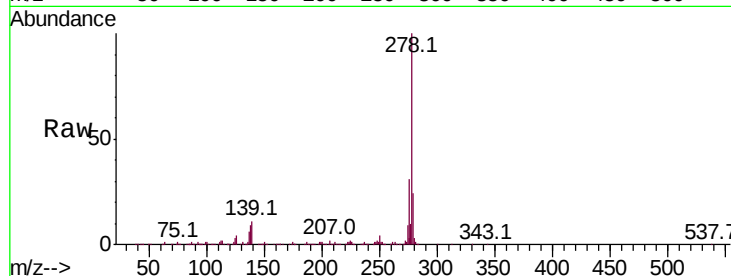




#91
Dibenzo(a,h)anthracene
Concen: 48.033 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Instrument :
BNA_G
ClientSampleId :
PB127768BS

Tot Ion:278 Resp: 1578001
Ion Ratio Lower Upper
278 100
139 11.1 10.2 15.2
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.518 ng
RT: 29.69 min Scan# 4527
Delta R.T. -0.02 min
Lab File: BG044930.D
Acq: 24 Mar 2020 14:51

Tgt Ion:276 Resp: 1577213
Ion Ratio Lower Upper
276 100
277 23.7 20.1 30.1
138 14.6 13.0 19.6

