

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
 Data File : BG044939.D
 Acq On : 24 Mar 2020 20:46
 Operator : CG/JU
 Sample : PB127773BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

Quant Time: Mar 25 02:35:21 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	73556	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	283797	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	187559	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	443944	20.00	ng	0.00
76) Chrysene-d12	21.69	240	448273	20.00	ng	0.00
87) Perylene-d12	24.89	264	509668	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	454100	96.10	ng	0.00
7) Phenol-d6	7.20	99	616717	89.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	564081	87.22	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	256854	104.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1203769	91.91	ng	0.00
79) Terphenyl-d14	20.03	244	2119222	88.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	86459	38.00	ng	98
3) Pyridine	3.91	79	248685	36.92	ng	98
4) n-Nitrosodimethylamine	3.82	42	121455	47.52	ng	99
6) Aniline	7.36	93	267976	31.37	ng	95
8) 2-Chlorophenol	7.61	128	242604	51.43	ng	98
9) Benzaldehyde	7.17	77	177615	43.56	ng	94
10) Phenol	7.23	94	319180	46.96	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	231636	42.70	ng	92
12) 1,3-Dichlorobenzene	7.93	146	265154	45.63	ng	95
13) 1,4-Dichlorobenzene	8.08	146	260176	45.29	ng	97
14) 1,2-Dichlorobenzene	8.40	146	245656	45.09	ng	99
15) Benzyl Alcohol	8.28	79	241748	43.89	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	349974	36.56	ng	97
17) 2-Methylphenol	8.48	107	214669	46.63	ng	97
18) Hexachloroethane	9.13	117	101006	44.66	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	194893	40.20	ng	99
20) 3+4-Methylphenols	8.81	107	300449	47.34	ng	94
22) Acetophenone	8.86	105	351680	43.74	ng	99
24) Nitrobenzene	9.24	77	300982	44.85	ng	99
25) Isophorone	9.77	82	532431	42.18	ng	# 97
26) 2-Nitrophenol	9.95	139	126502	53.58	ng	96
27) 2,4-Dimethylphenol	10.02	122	220226	53.58	ng	90
28) bis(2-Chloroethoxy)methane	10.25	93	308526	40.96	ng	96
29) 2,4-Dichlorophenol	10.49	162	240067	50.00	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	261964	45.63	ng	98
31) Naphthalene	10.90	128	726256	46.20	ng	99
32) Benzoic acid	10.16	122	123232	40.40	ng	98
33) 4-Chloroaniline	11.00	127	141693	20.01	ng	95
34) Hexachlorobutadiene	11.20	225	173327	45.91	ng	94
35) Caprolactam	11.77	113	44245	24.34	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	271175	47.36	ng	98
37) 2-Methylnaphthalene	12.50	142	541236	46.02	ng	96
38) 1-Methylnaphthalene	12.72	142	519173	46.96	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	288238	46.66	ng	99

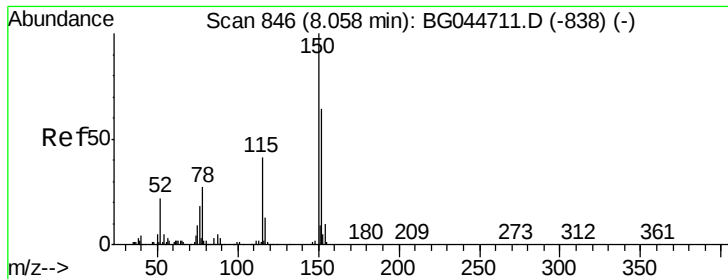
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
 Data File : BG044939.D
 Acq On : 24 Mar 2020 20:46
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	399902	118.46	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	213040	51.97	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	229456	53.97	ng	96
46) 1,1'-Biphenyl	13.51	154	676055	45.11	ng	98
47) 2-Chloronaphthalene	13.55	162	527688	46.09	ng	97
48) 2-Nitroaniline	13.74	65	186520	46.53	ng	96
49) Acenaphthylene	14.39	152	857190	47.79	ng	99
50) Dimethylphthalate	14.13	163	701978	46.99	ng	99
51) 2,6-Dinitrotoluene	14.24	165	161263	53.56	ng	96
52) Acenaphthene	14.74	154	630883	53.70	ng	98
53) 3-Nitroaniline	14.56	138	100596	29.06	ng	96
54) 2,4-Dinitrophenol	14.78	184	171661	106.07	ng	96
55) Dibenzofuran	15.08	168	824428	48.39	ng	97
56) 4-Nitrophenol	14.88	139	276724	104.74	ng	94
57) 2,4-Dinitrotoluene	15.03	165	221967	53.75	ng	95
58) Fluorene	15.72	166	693910	49.52	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	211546	54.05	ng	98
60) Diethylphthalate	15.49	149	732104	46.99	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	374108	49.58	ng	98
62) 4-Nitroaniline	15.73	138	167825	45.46	ng	91
63) Azobenzene	16.01	77	731404	45.21	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	132545	60.96	ng	94
66) n-Nitrosodiphenylamine	15.93	169	631231	47.23	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	254284	45.82	ng	99
68) Hexachlorobenzene	16.73	284	284648	47.28	ng	98
69) Atrazine	16.88	200	258840	52.86	ng	98
70) Pentachlorophenol	17.07	266	353045	106.57	ng	97
71) Phenanthrene	17.46	178	1142678	48.17	ng	99
72) Anthracene	17.55	178	1167334	49.90	ng	98
73) Carbazole	17.82	167	1104644	49.16	ng	100
74) Di-n-butylphthalate	18.39	149	1306754	47.84	ng	99
75) Fluoranthene	19.47	202	1469679	52.03	ng	99
77) Benzidine	19.64	184	674271	46.33	ng	98
78) Pyrene	19.83	202	1455343	44.25	ng	99
80) Butylbenzylphthalate	20.72	149	624021	42.65	ng	97
81) Benzo(a)anthracene	21.67	228	1434873	44.45	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	341255	27.33	ng	99
83) Chrysene	21.74	228	1394286	45.22	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	864462	42.81	ng	96
85) Di-n-octyl phthalate	22.80	149	1478357	43.75	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1889272	46.74	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1584701	47.10	ng	99
89) Benzo(k)fluoranthene	23.95	252	1538276	48.31	ng	99
90) Benzo(a)pyrene	24.75	252	1475851	46.88	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1520718	48.96	ng	96
92) Benzo(g,h,i)perylene	29.68	276	1543449	49.18	ng	97

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

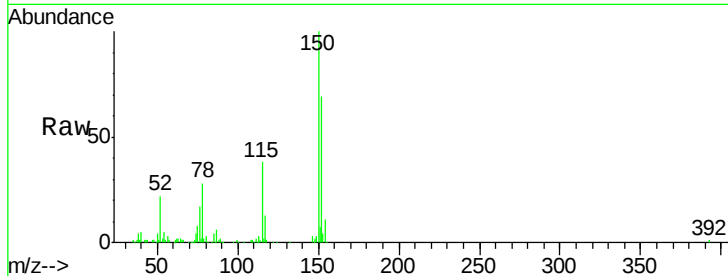


#1

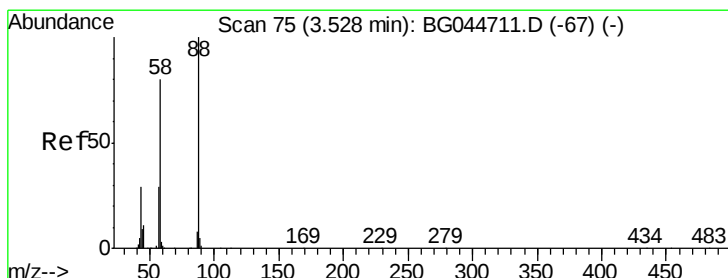
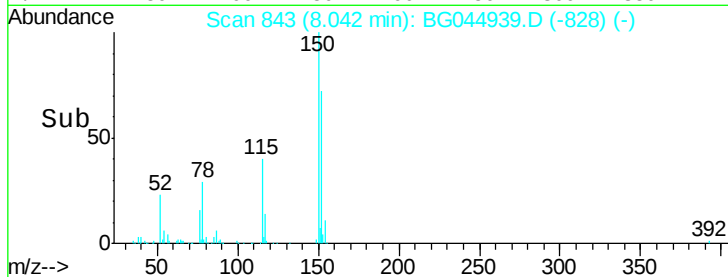
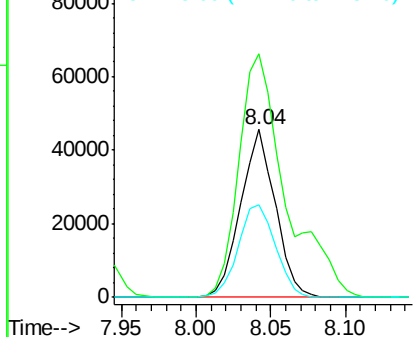
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PB127773BS

Tgt Ion:152 Resp: 73556
Ion Ratio Lower Upper
152 100
150 145.1 128.8 193.2
115 55.0 52.6 79.0



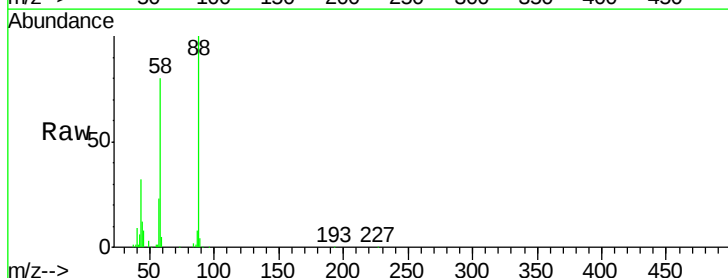
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



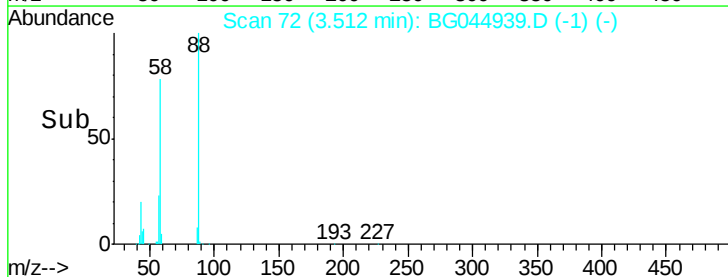
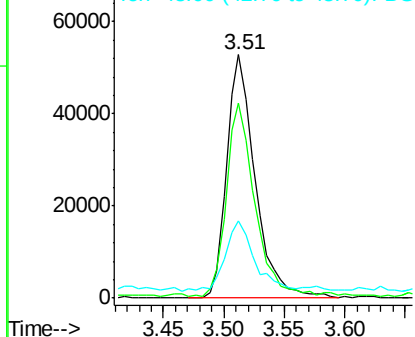
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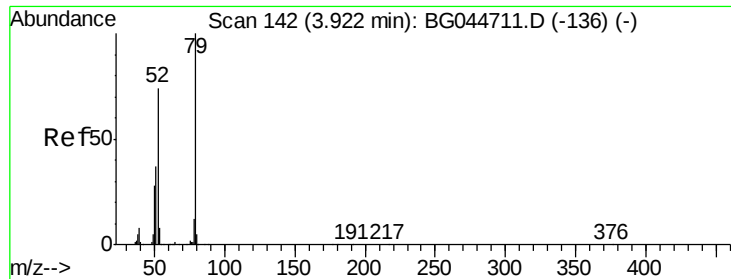
1,4-Dioxane
Concen: 38.00 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion: 88 Resp: 86459
Ion Ratio Lower Upper
88 100
58 78.0 63.0 94.4
43 27.5 24.8 37.2



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





#3

Pyridine

Concen: 36.92 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

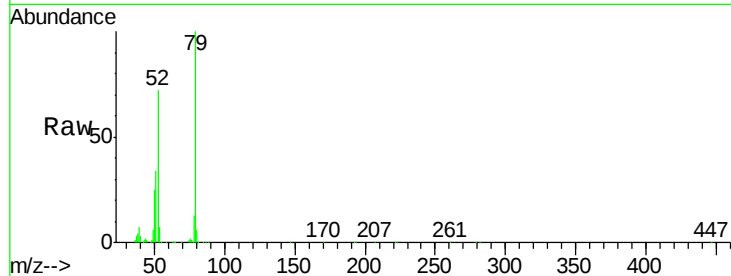
Tgt Ion: 79 Resp: 248685

Ion Ratio Lower Upper

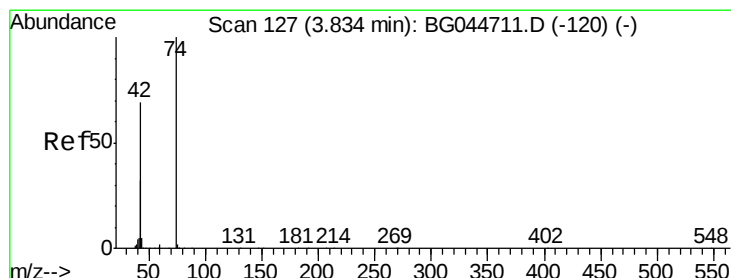
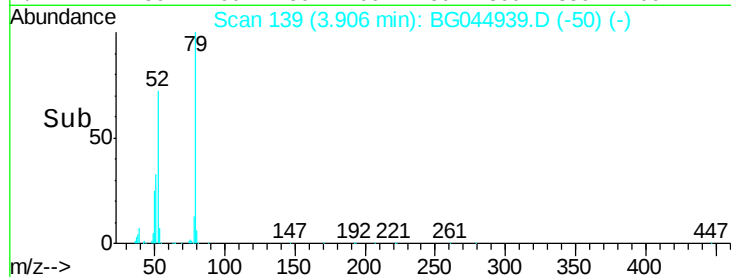
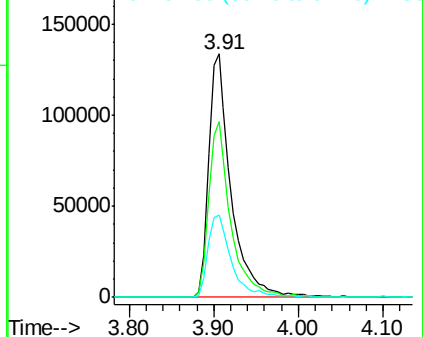
79 100

52 72.2 56.3 84.5

51 33.6 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: 47.52 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

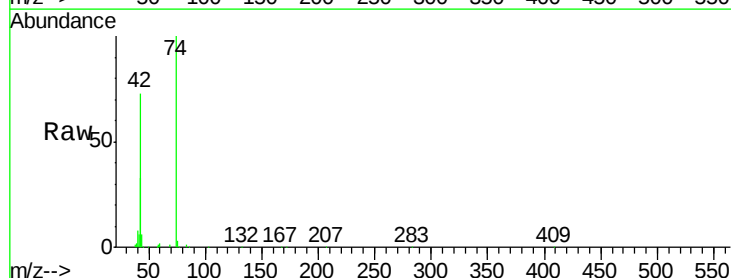
Tgt Ion: 42 Resp: 121455

Ion Ratio Lower Upper

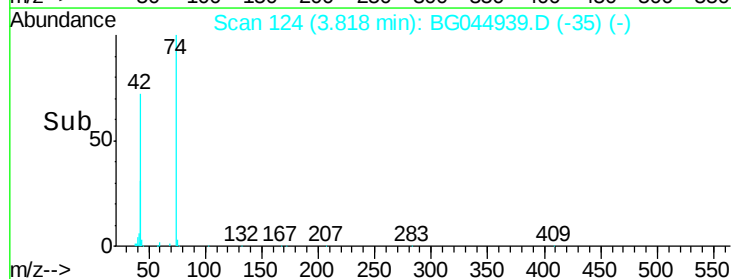
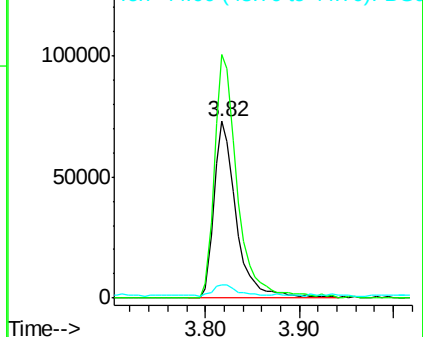
42 100

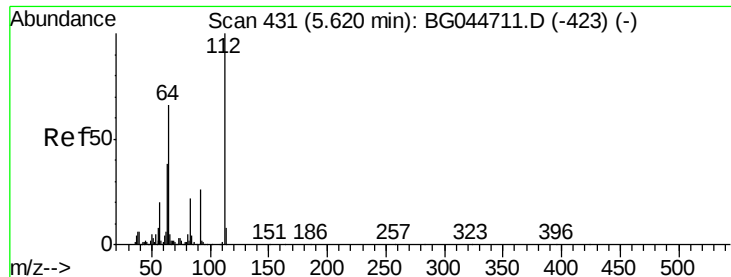
74 137.8 109.1 163.7

44 7.7 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: 96.10 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

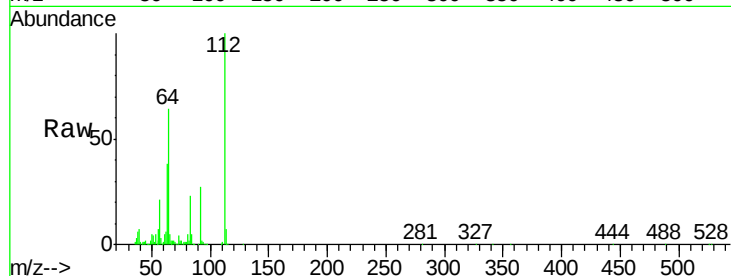
Tgt Ion: 112 Resp: 454100

Ion Ratio Lower Upper

112 100

64 64.0 53.4 80.2

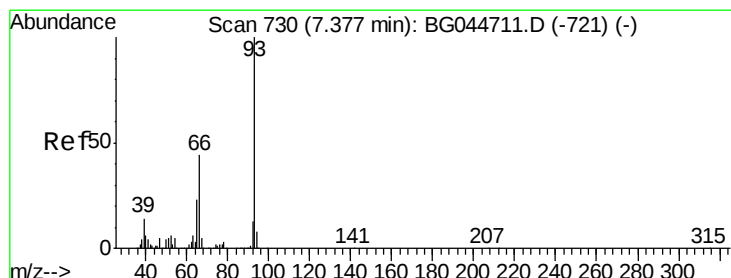
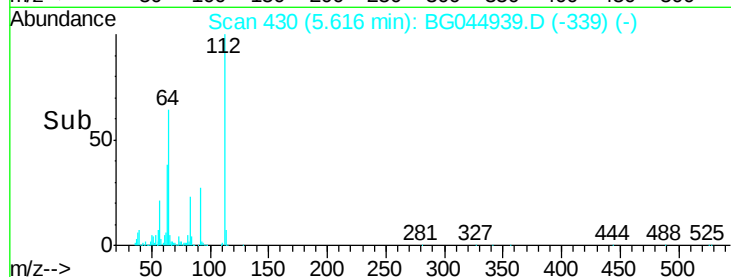
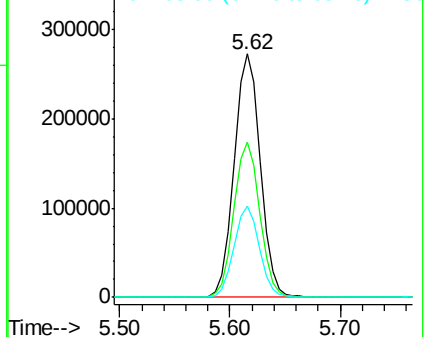
63 37.6 29.4 44.2



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: 31.37 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

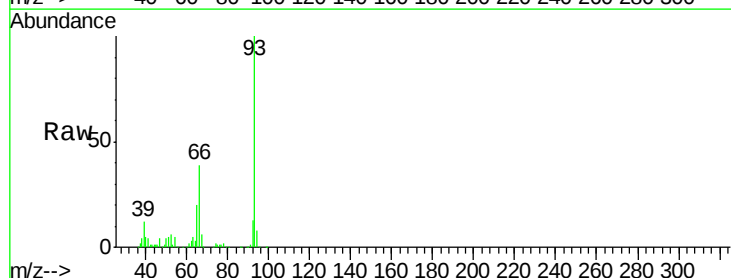
Tgt Ion: 93 Resp: 267976

Ion Ratio Lower Upper

93 100

66 39.0 33.7 50.5

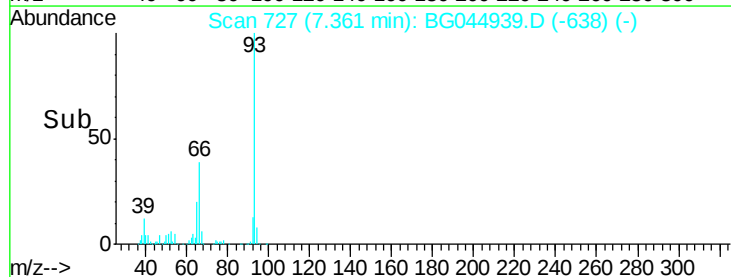
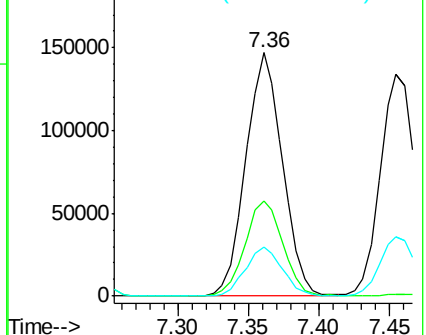
65 20.2 17.7 26.5

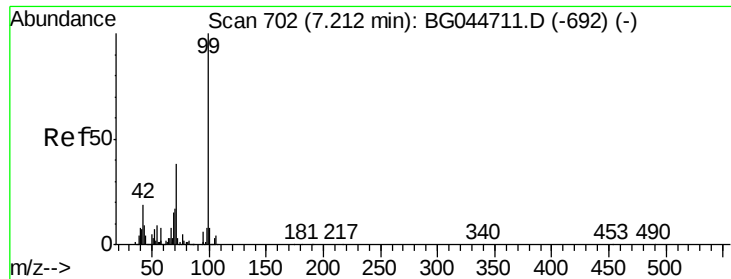


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.83 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

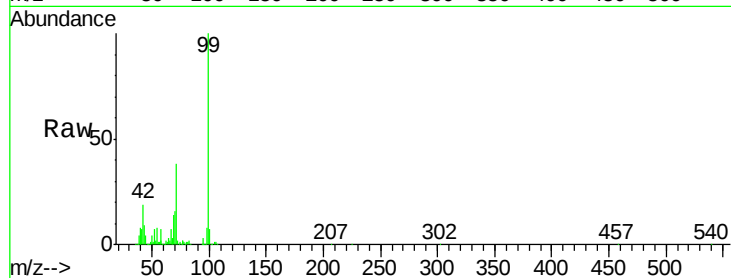
Tgt Ion: 99 Resp: 616717

Ion Ratio Lower Upper

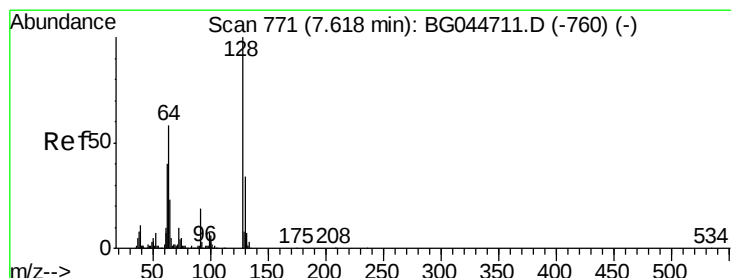
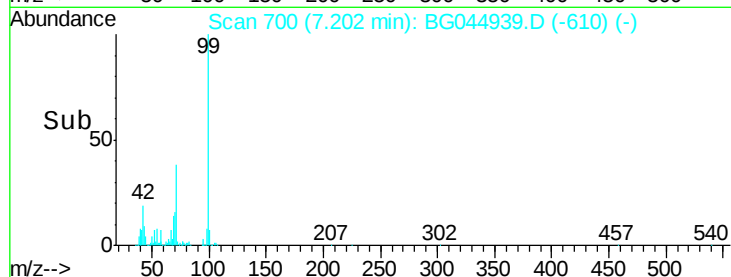
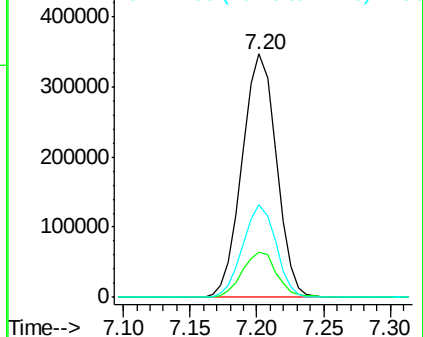
99 100

42 18.8 12.6 19.0

71 37.9 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: 51.43 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

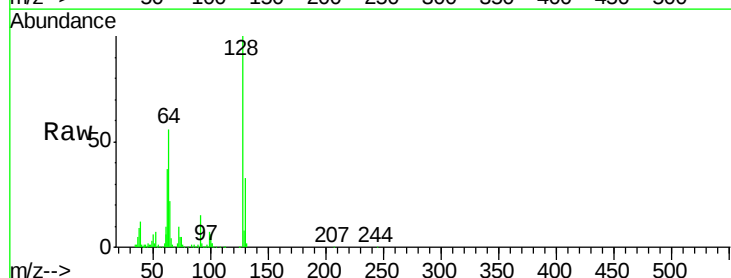
Tgt Ion: 128 Resp: 242604

Ion Ratio Lower Upper

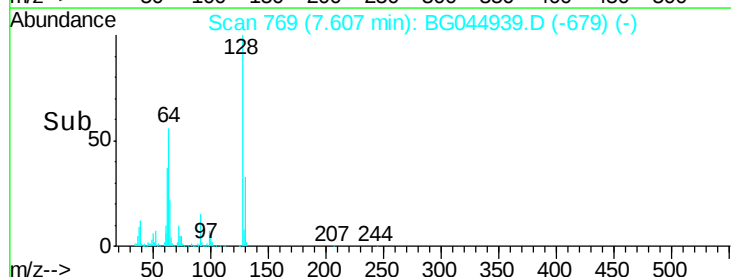
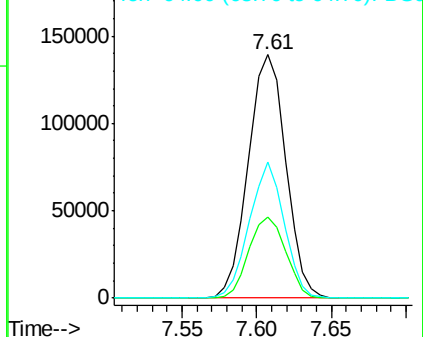
128 100

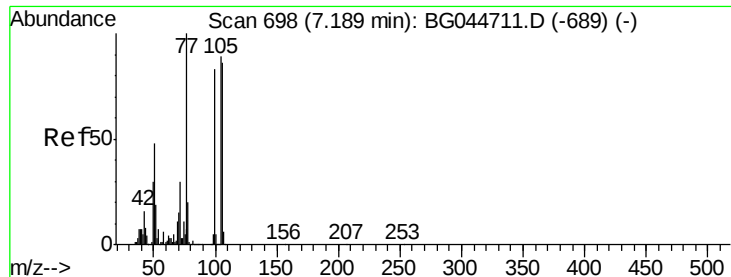
130 33.1 11.6 51.6

64 55.9 34.5 74.5



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





#9

Benzaldehyde

Concen: 43.56 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

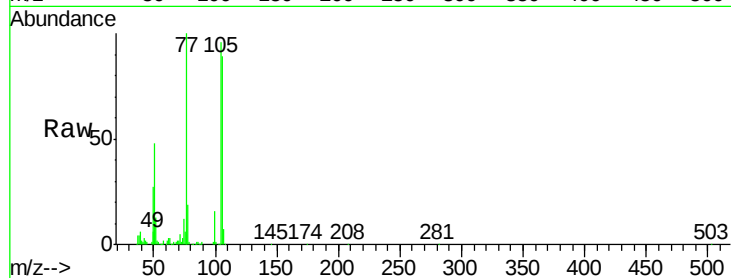
Tgt Ion: 77 Resp: 177615

Ion Ratio Lower Upper

77 100

105 96.1 69.3 109.3

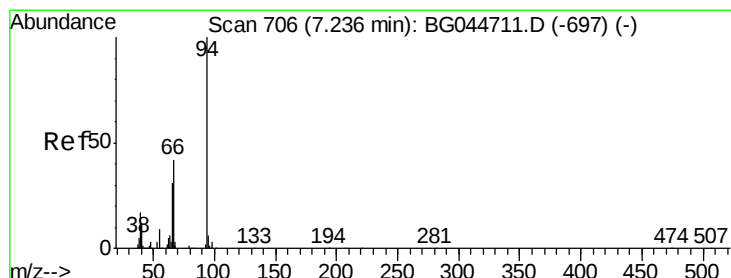
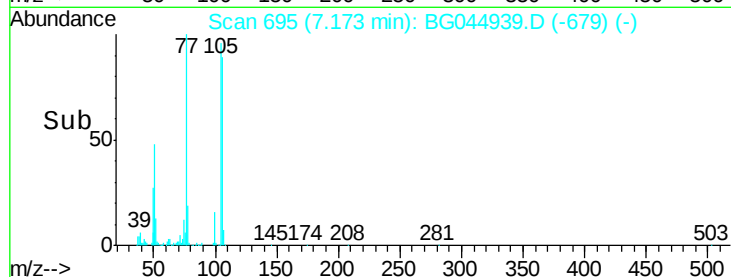
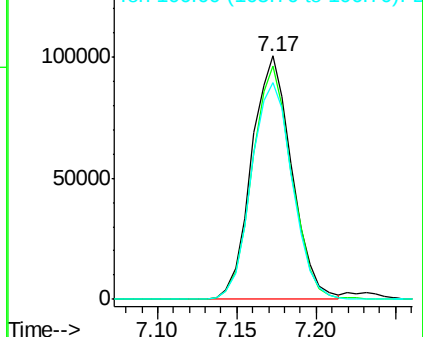
106 89.2 64.5 104.5



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: 46.96 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

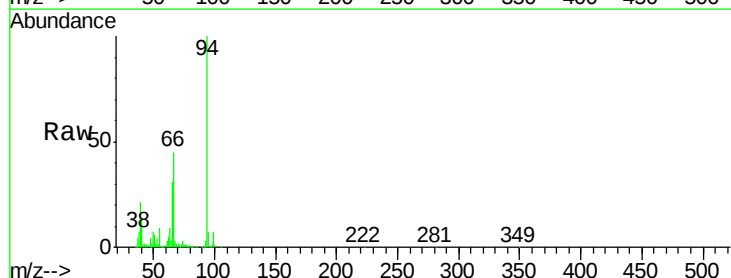
Tgt Ion: 94 Resp: 319180

Ion Ratio Lower Upper

94 100

65 30.7 11.0 51.0

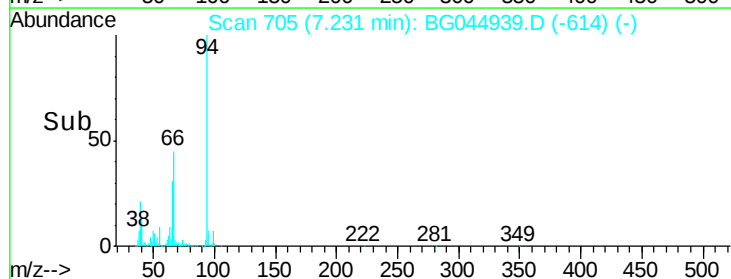
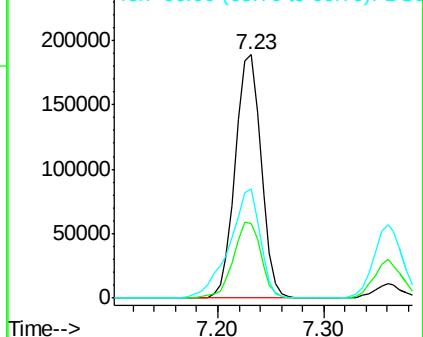
66 44.7 20.1 60.1

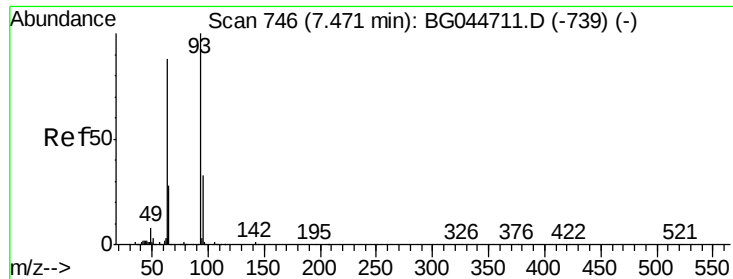


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

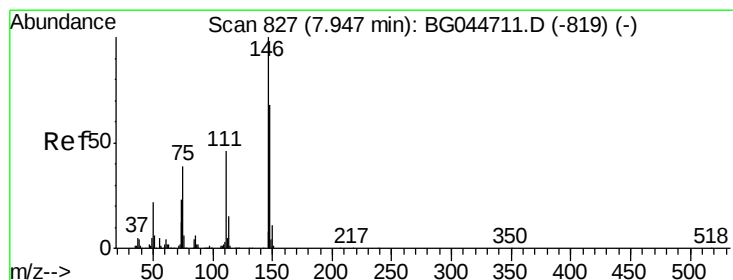
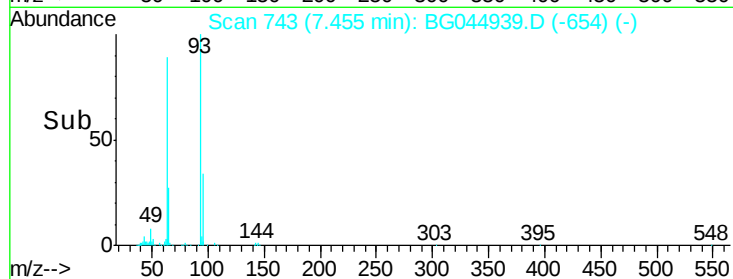
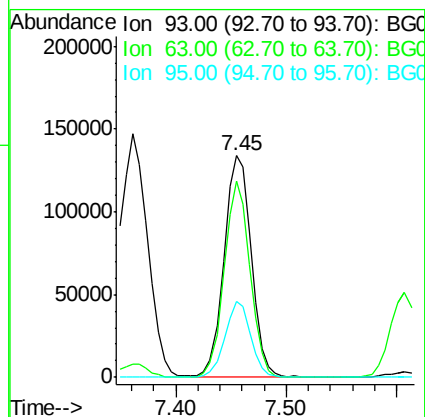
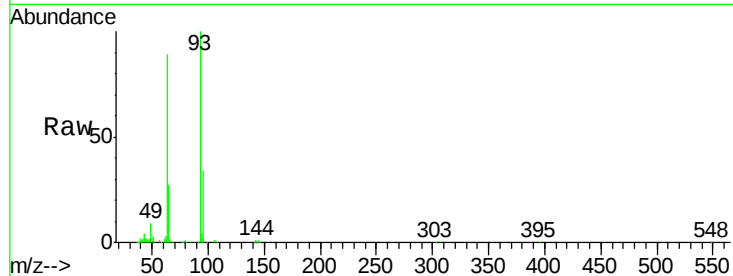




#11
bis(2-Chloroethyl)ether
Concen: 42.70 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

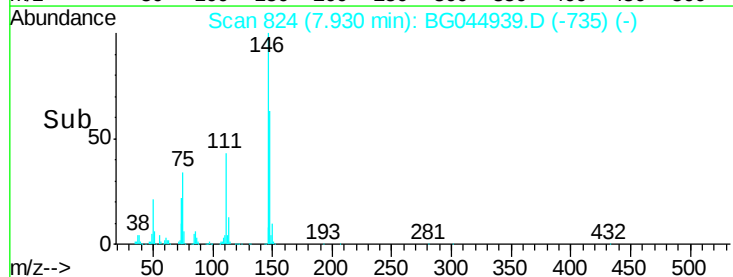
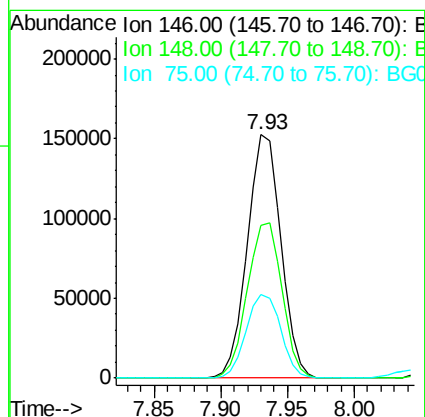
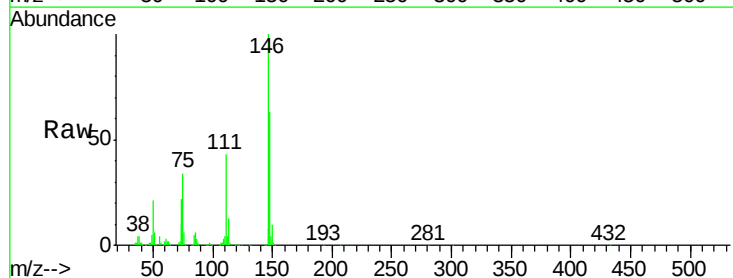
Instrument :
BNA_G
ClientSampleId :
PB127773BS

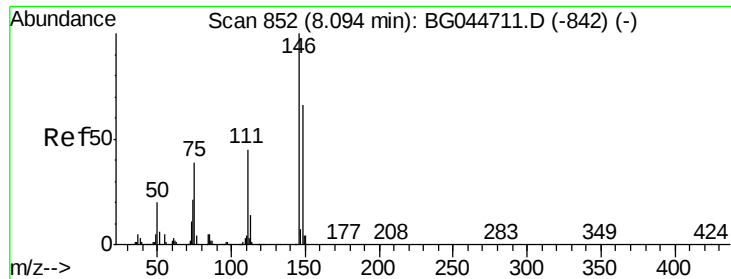
Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.5	59.7	99.7
95	34.3	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 45.63 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	54.2	81.4
75	34.5	28.6	42.8

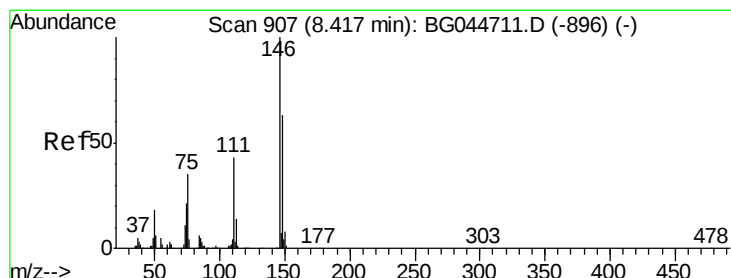
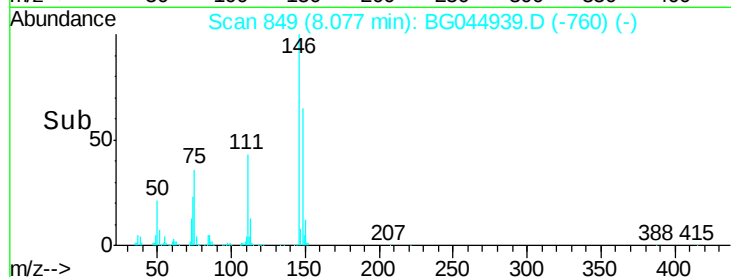
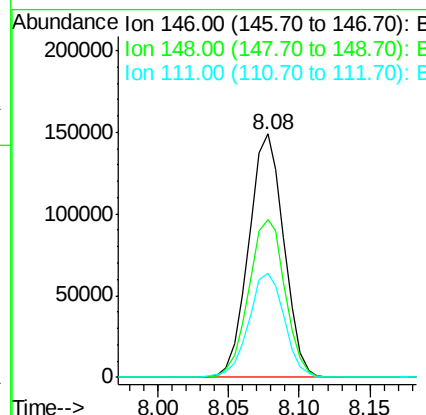
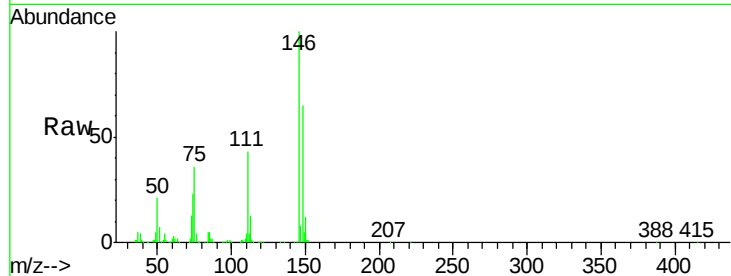




#13
 1,4-Dichlorobenzene
 Concen: 45.29 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

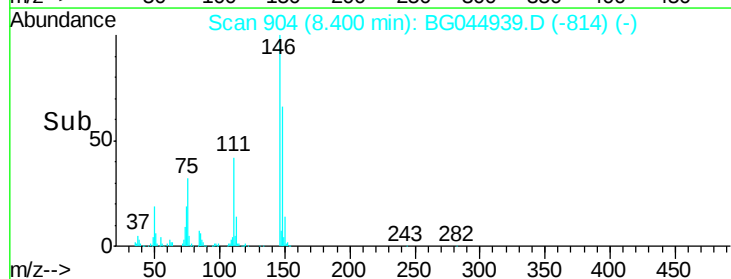
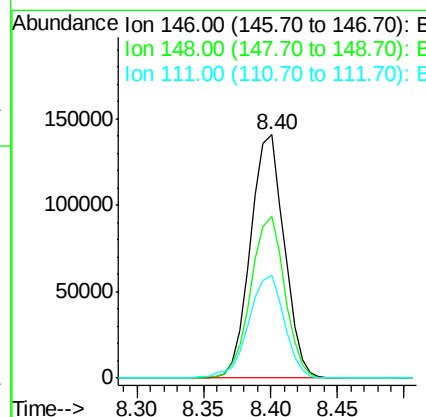
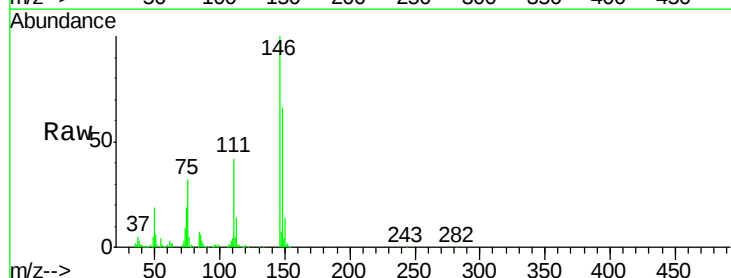
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

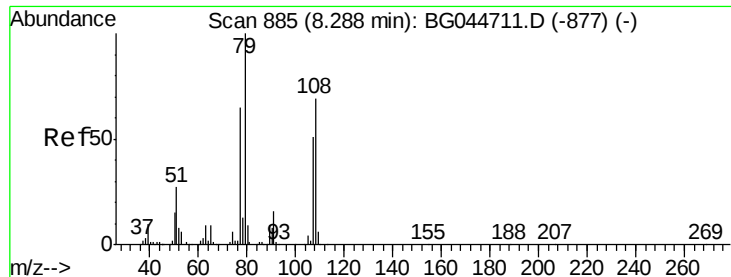
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.8	80.6
111	42.8	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 45.09 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.1	78.1
111	42.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 43.89 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

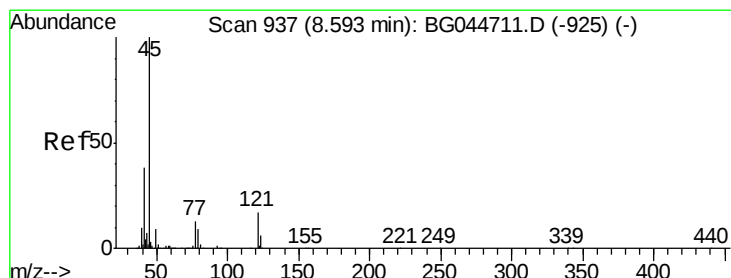
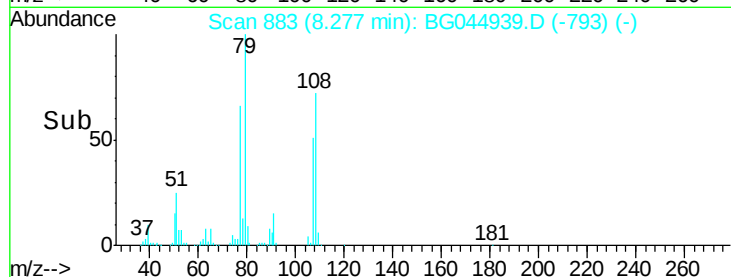
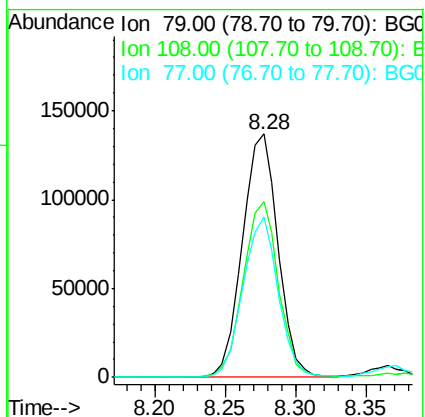
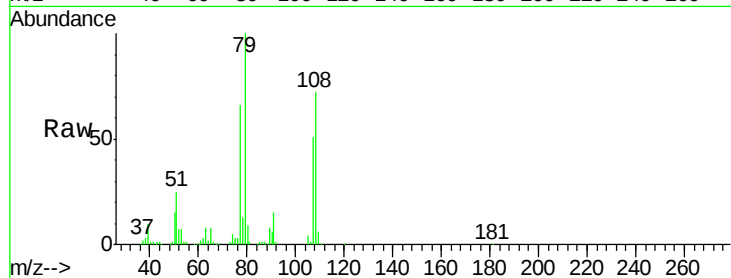
Tgt Ion: 79 Resp: 241748

Ion Ratio Lower Upper

79 100

108 72.3 53.8 80.8

77 65.8 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.56 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

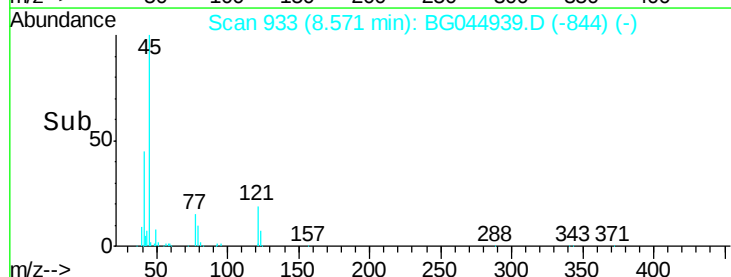
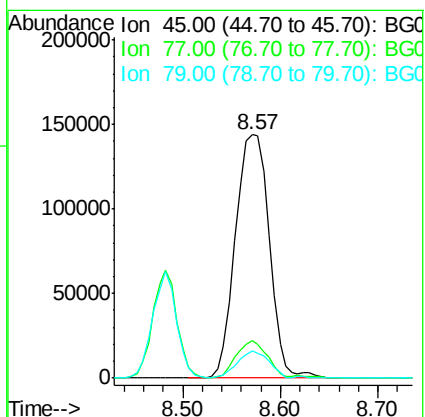
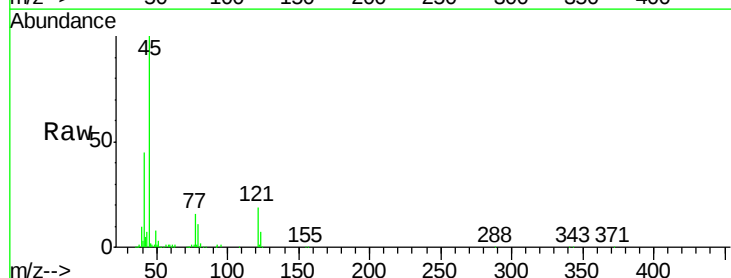
Tgt Ion: 45 Resp: 349974

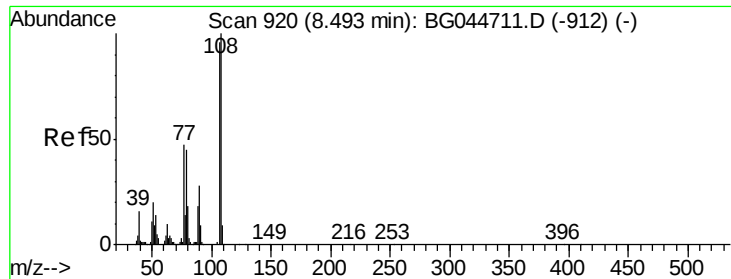
Ion Ratio Lower Upper

45 100

77 15.5 0.0 33.9

79 11.1 0.0 30.8

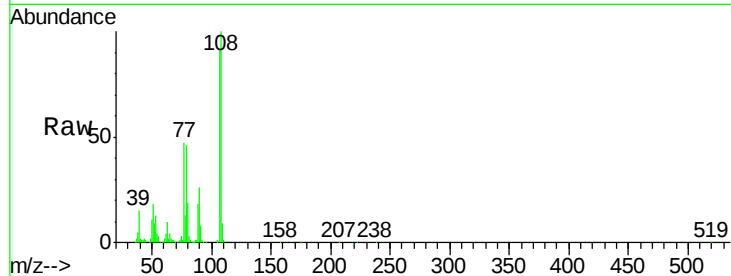




#17
2-Methylphenol
Concen: 46.63 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PB127773BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.8	137.8
77	51.7	40.0	60.0
79	50.8	40.2	60.2



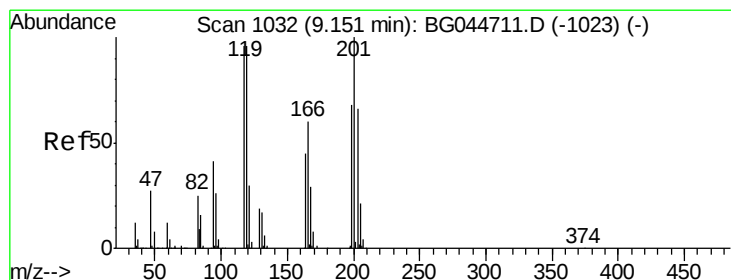
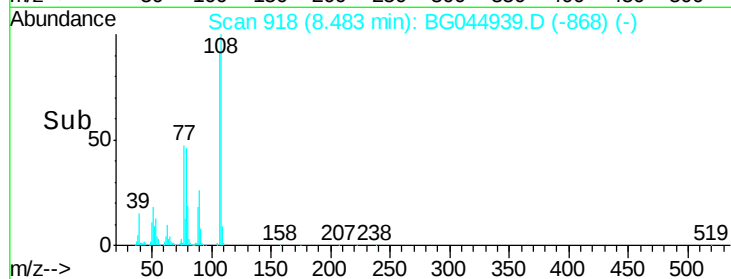
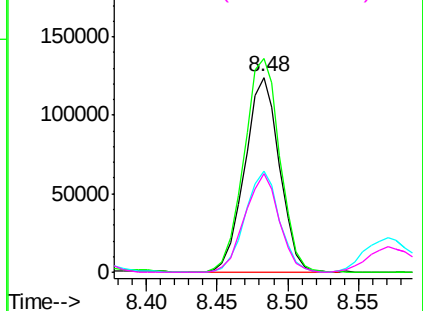
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

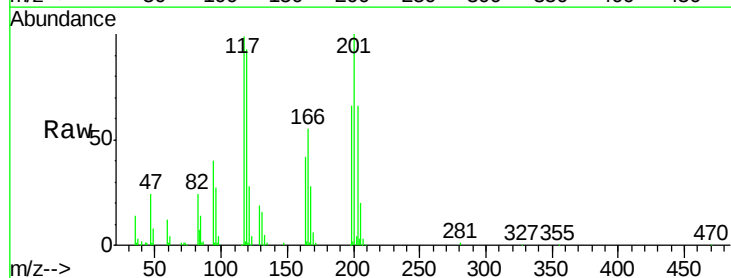
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.66 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.2	112.8
201	100.9	81.1	121.7

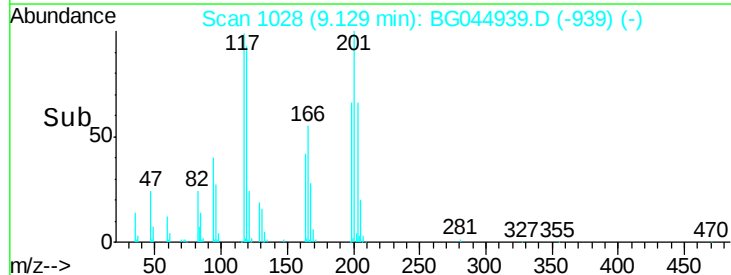
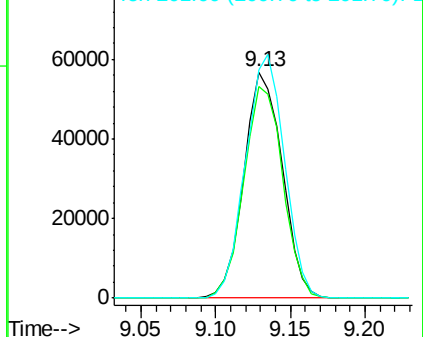


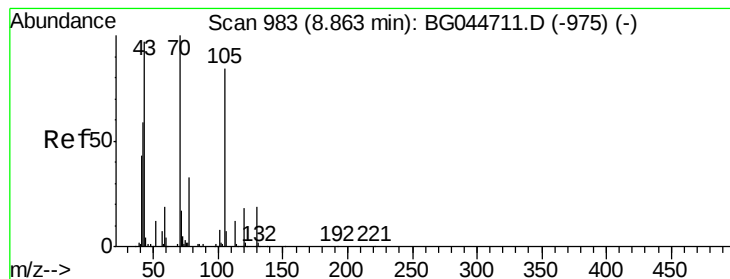
Abundance

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: 40.20 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

Tgt Ion: 70 Resp: 194893

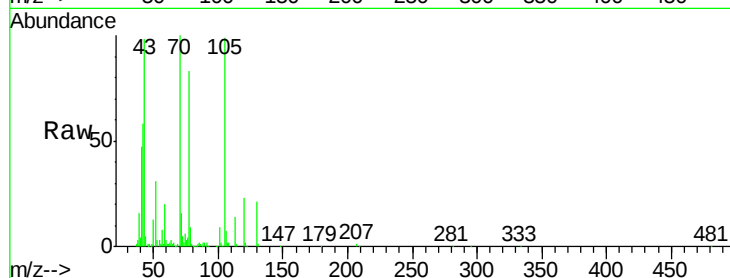
Ion Ratio Lower Upper

70 100

42 57.6 45.7 68.5

101 9.2 7.4 11.2

130 20.9 15.9 23.9

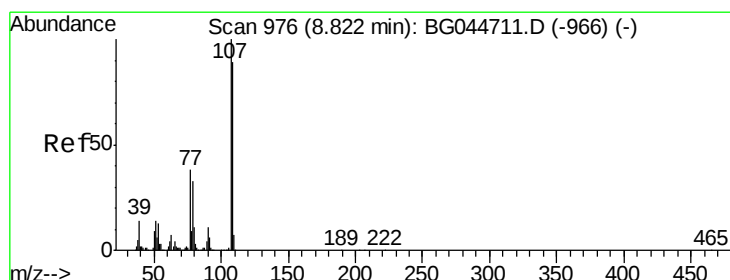
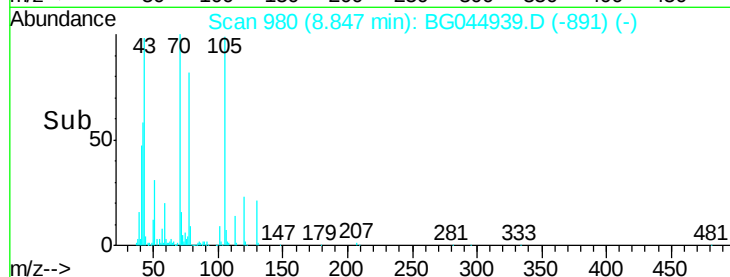
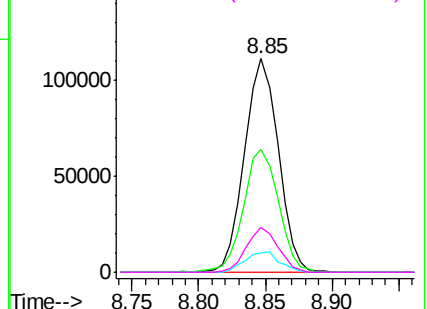


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.34 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Tgt Ion: 107 Resp: 300449

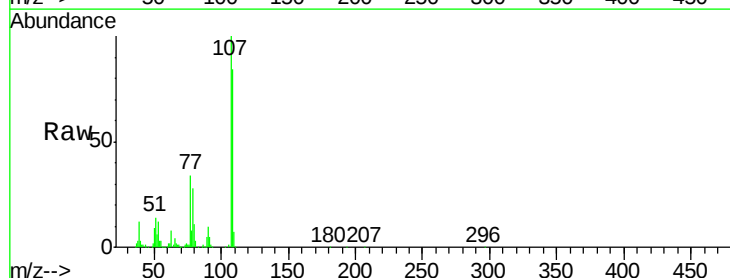
Ion Ratio Lower Upper

107 100

108 83.7 71.3 111.3

77 34.5 16.9 56.9

79 28.4 9.7 49.7

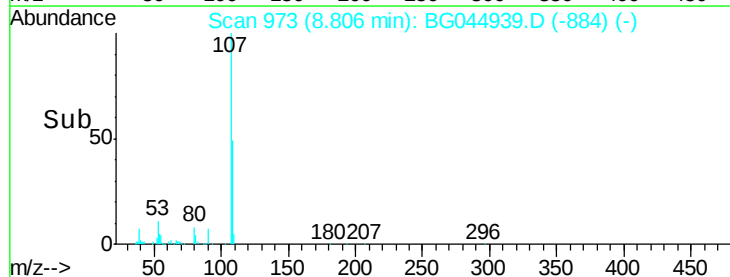
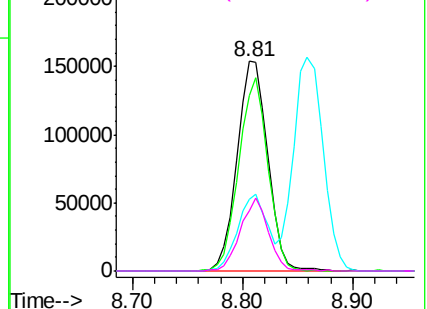


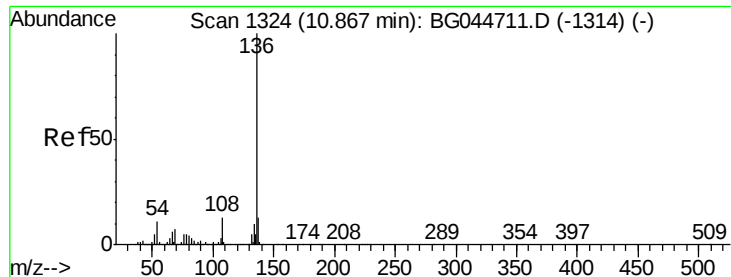
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

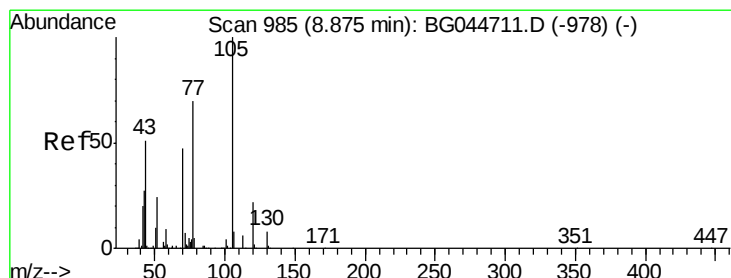
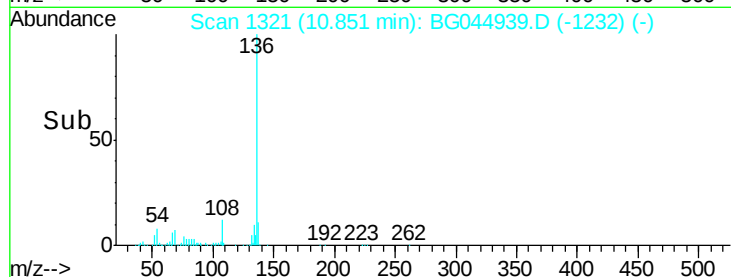
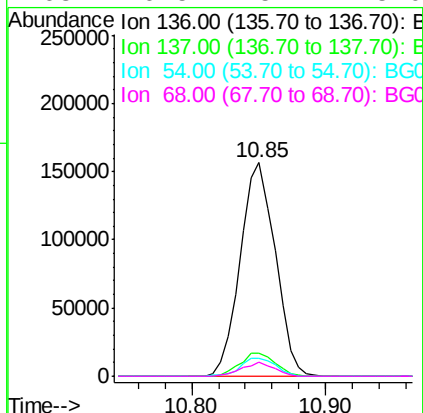
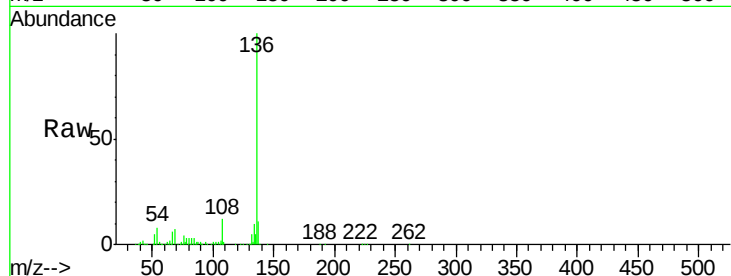




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

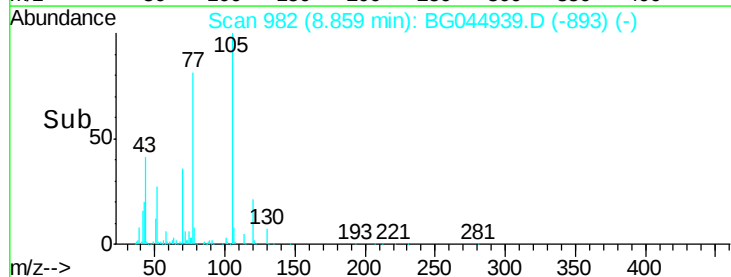
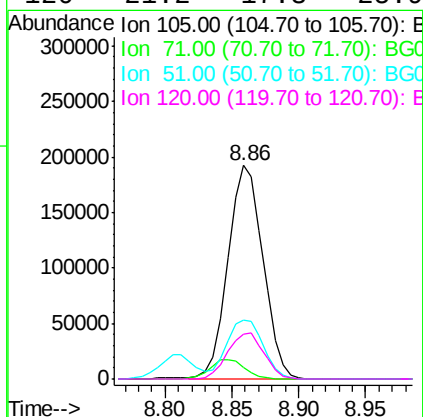
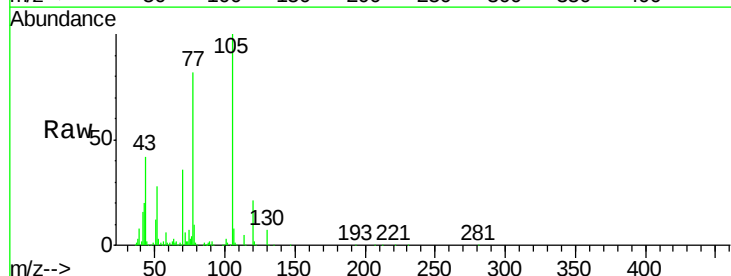
Instrument :
BNA_G
ClientSampleId :
PB127773BS

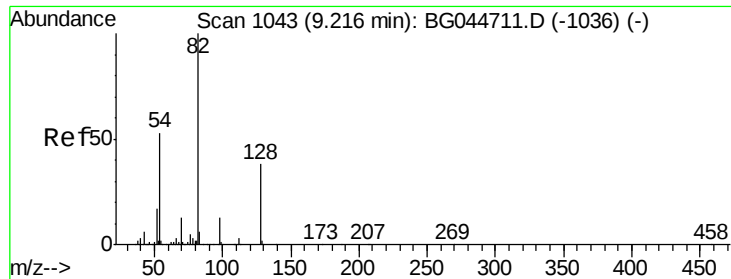
Tgt Ion:	136	Resp:	283797
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	8.2	7.9	11.9
68	6.5	5.4	8.0



#22
Acetophenone
Concen: 43.74 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:	105	Resp:	351680
Ion	Ratio	Lower	Upper
105	100		
71	5.7	3.9	5.9
51	27.8	22.6	33.8
120	21.2	17.3	25.9

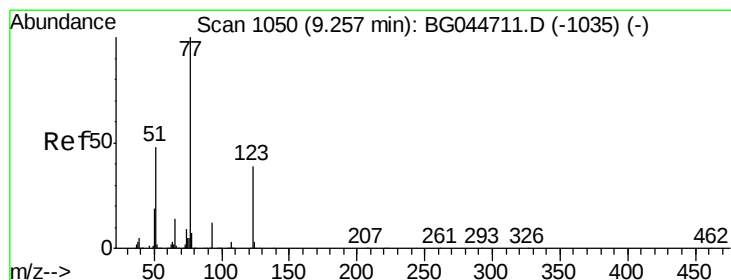
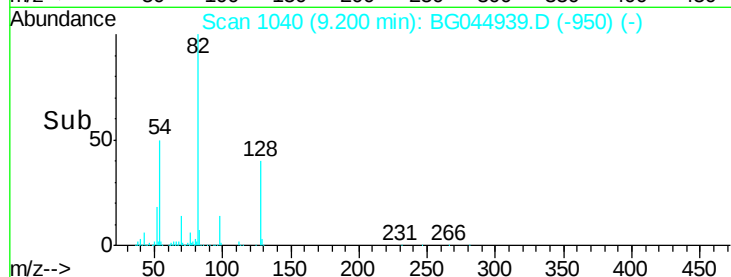
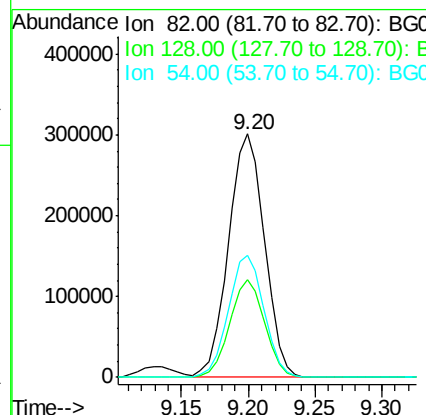
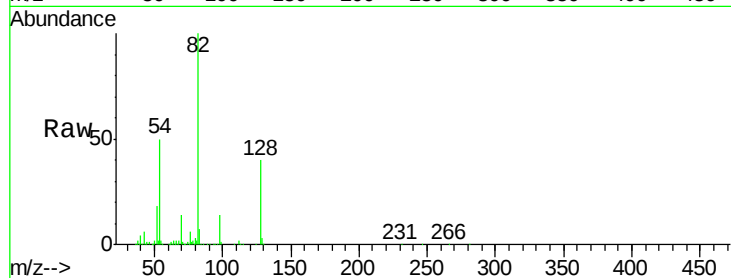




#23
 Nitrobenzene-d5
 Concen: 87.22 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

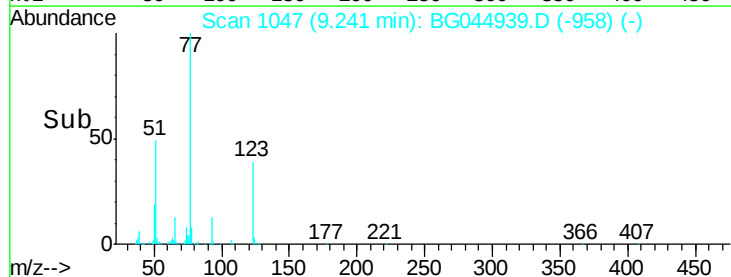
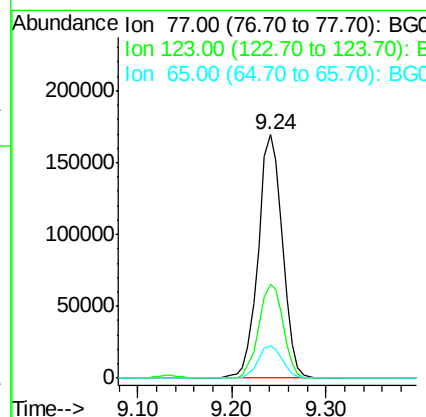
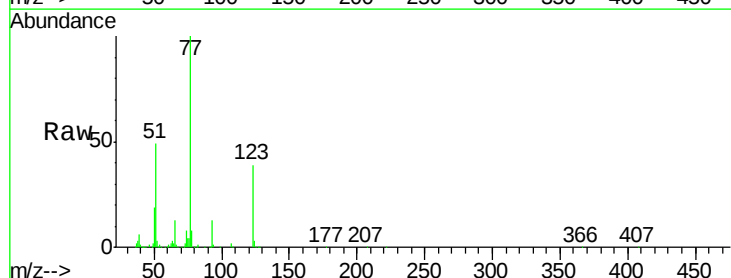
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

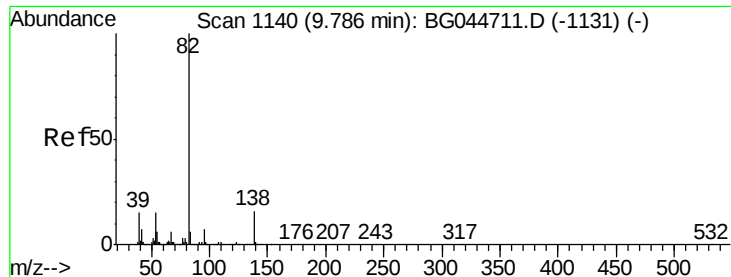
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	50.2	37.1	55.7



#24
 Nitrobenzene
 Concen: 44.85 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.3	46.9
65	13.1	11.4	17.0





#25

Isophorone

Concen: 42.18 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

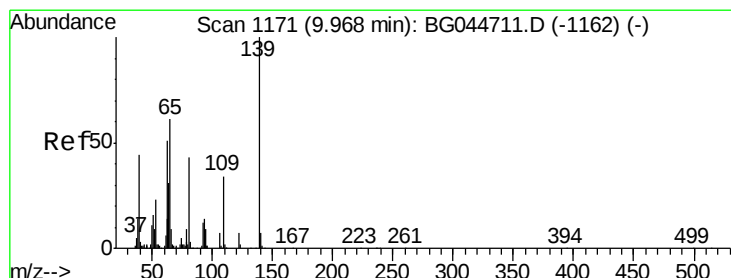
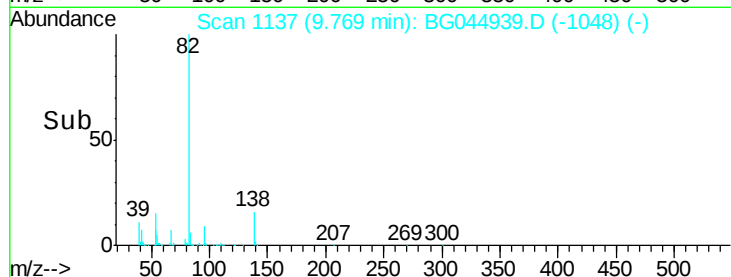
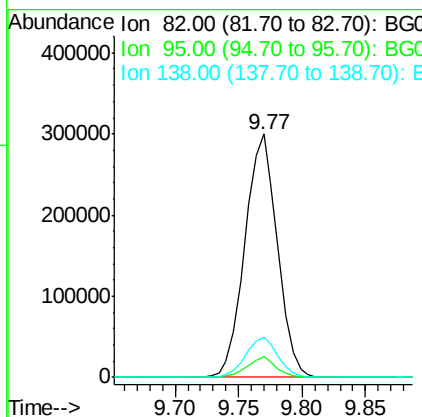
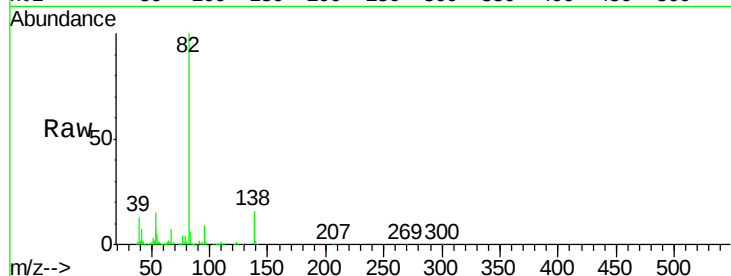
Tgt Ion: 82 Resp: 532431

Ion Ratio Lower Upper

82 100

95 8.6 5.5 8.3#

138 16.3 12.5 18.7



#26

2-Nitrophenol

Concen: 53.58 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

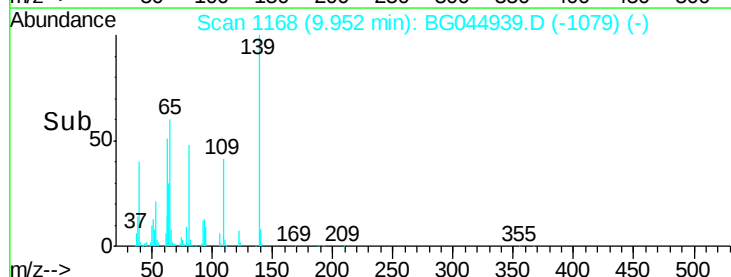
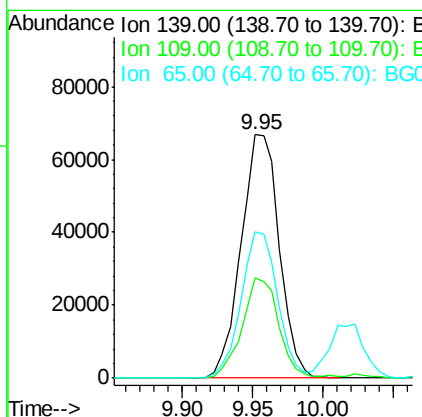
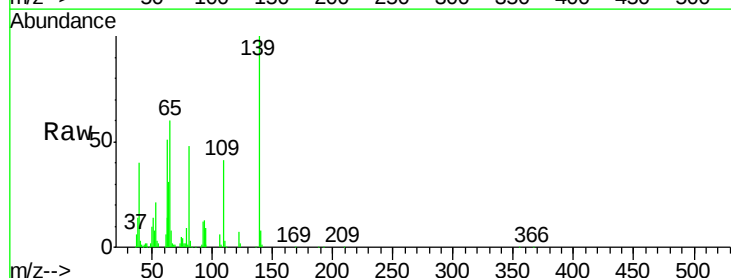
Tgt Ion: 139 Resp: 126502

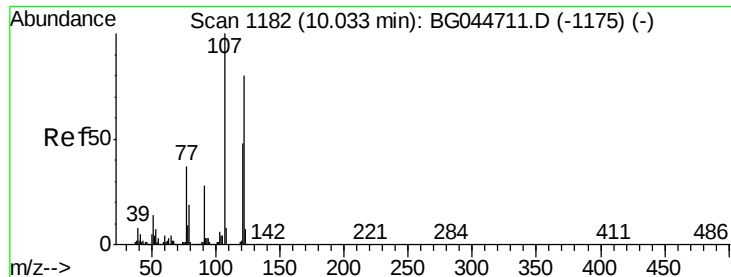
Ion Ratio Lower Upper

139 100

109 41.0 30.2 45.4

65 59.9 46.3 69.5

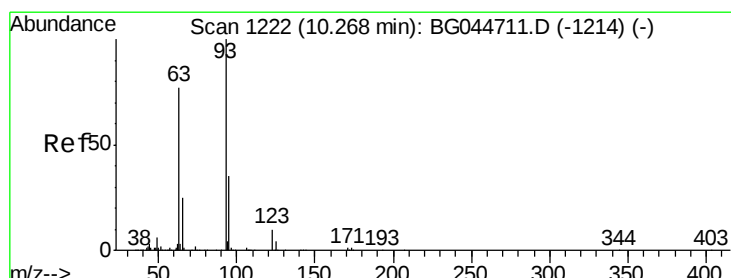
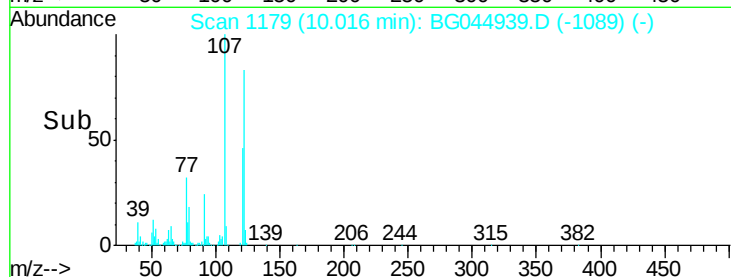
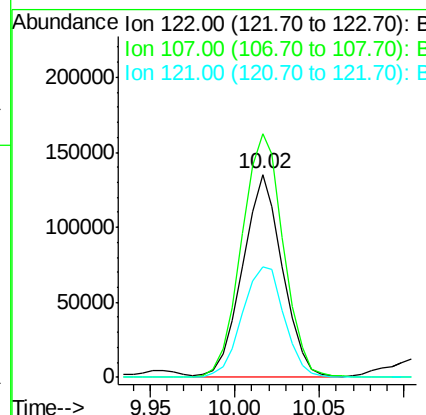
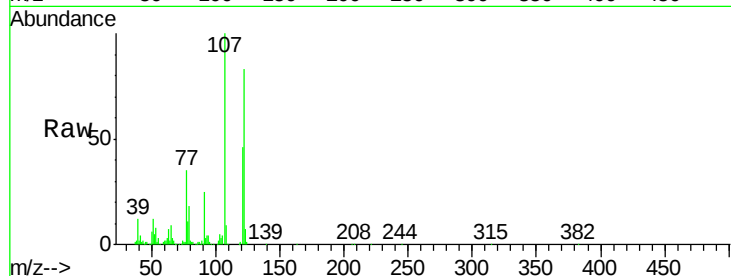




#27
2,4-Dimethylphenol
Concen: 53.58 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

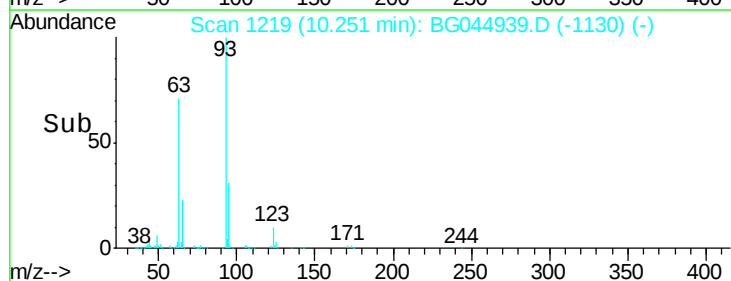
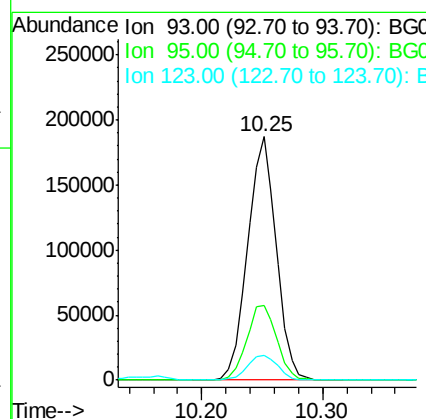
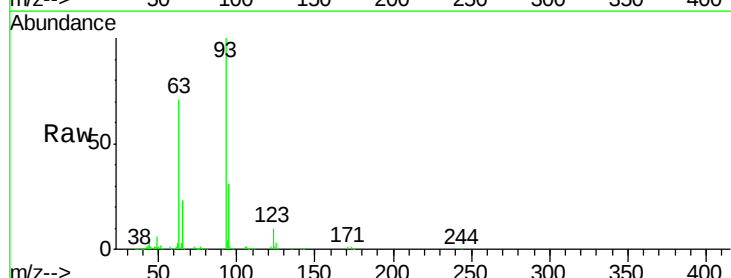
Instrument :
BNA_G
ClientSampleId :
PB127773BS

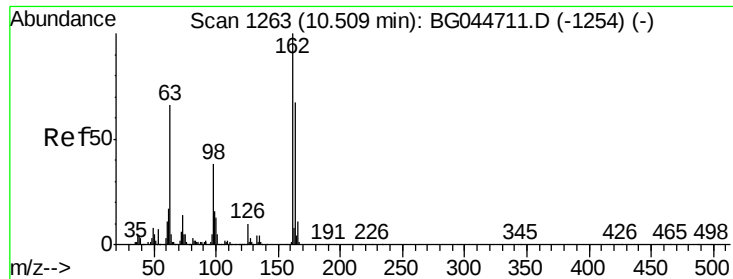
Tgt Ion: 122 Resp: 220226
Ion Ratio Lower Upper
122 100
107 120.1 107.1 160.7
121 54.8 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 40.96 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion: 93 Resp: 308526
Ion Ratio Lower Upper
93 100
95 30.6 26.4 39.6
123 9.9 8.4 12.6

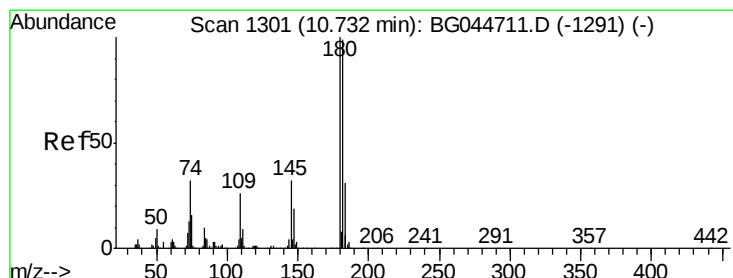
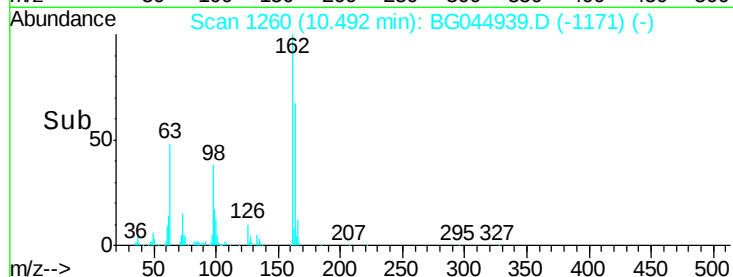
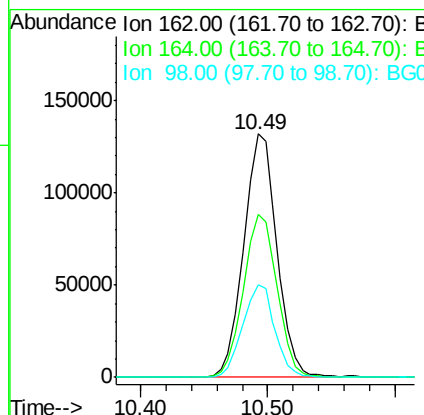
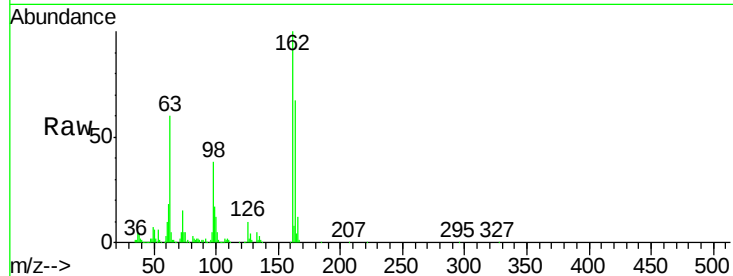




#29
2,4-Dichlorophenol
Concen: 50.00 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

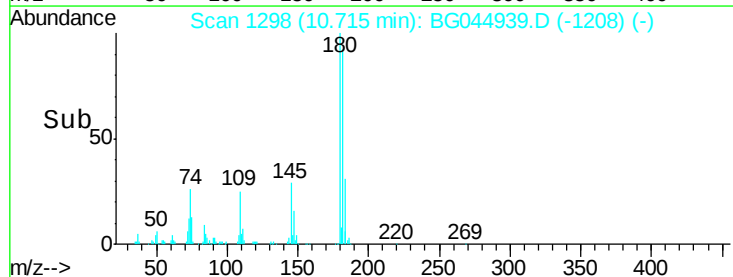
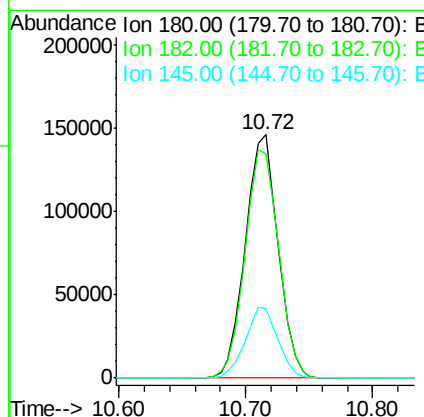
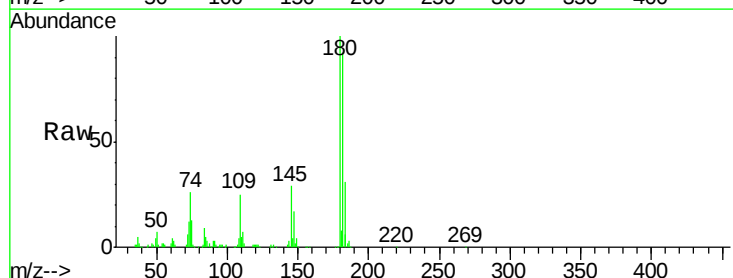
Instrument :
BNA_G
ClientSampleId :
PB127773BS

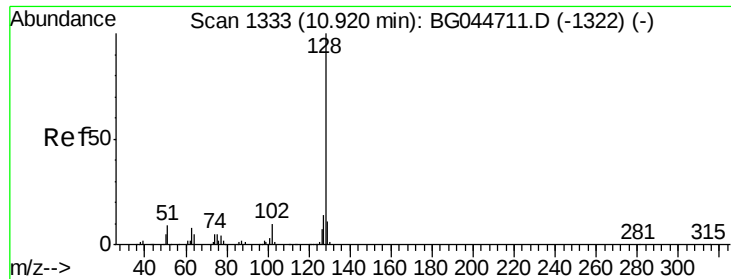
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.0	45.2	85.2
98	38.2	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 45.63 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	71.6	107.4
145	28.5	23.4	35.0

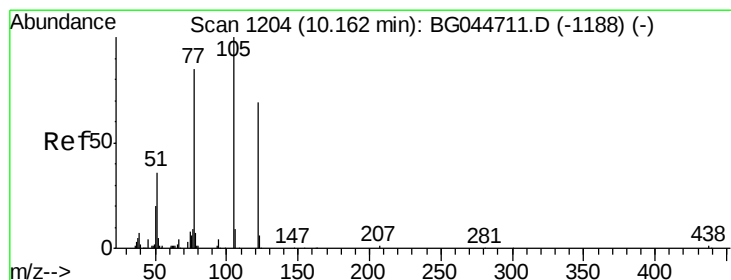
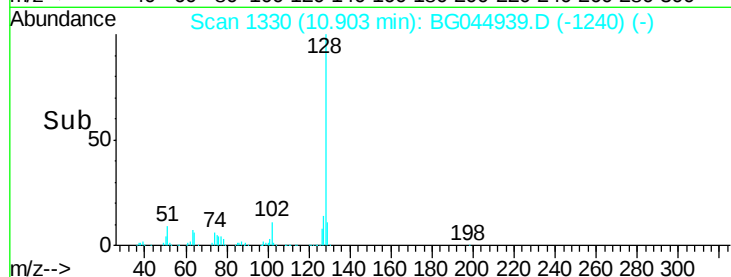
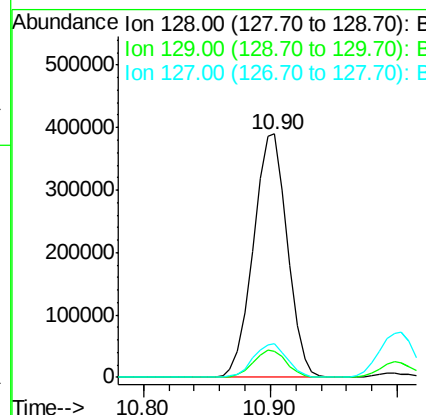
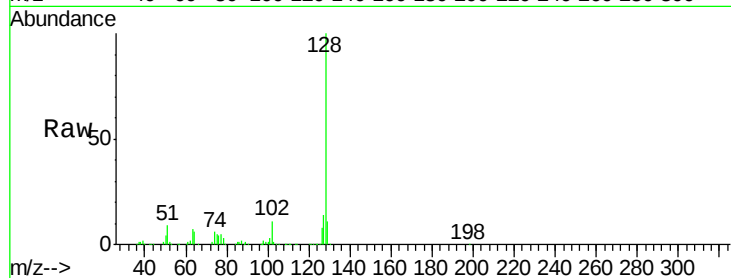




#31
Naphthalene
Concen: 46.20 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

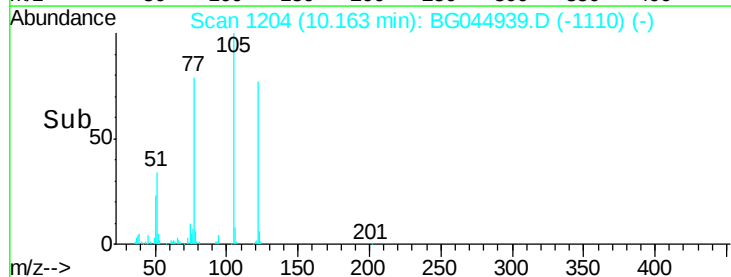
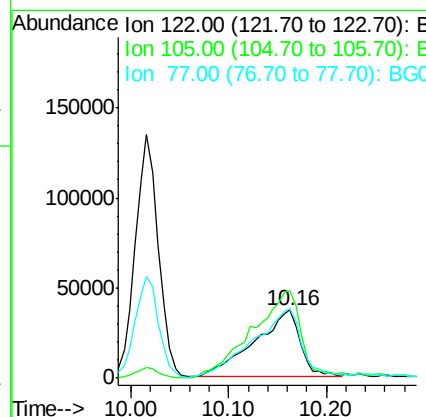
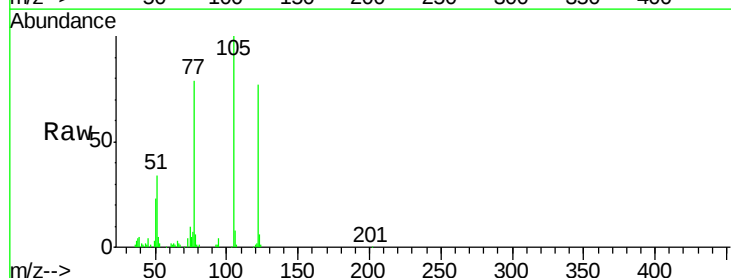
Instrument :
BNA_G
ClientSampleId :
PB127773BS

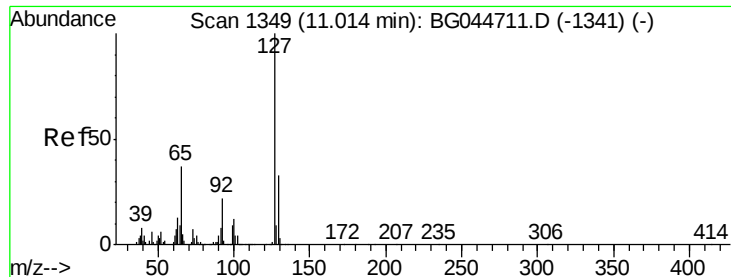
Tgt Ion:	128	Resp:	726256
Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	14.1	10.8	16.2



#32
Benzoic acid
Concen: 40.40 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:	122	Resp:	123232
Ion	Ratio	Lower	Upper
122	100		
105	129.2	109.1	149.1
77	101.5	85.3	125.3

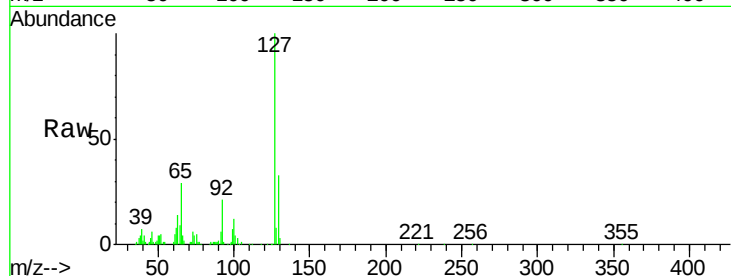




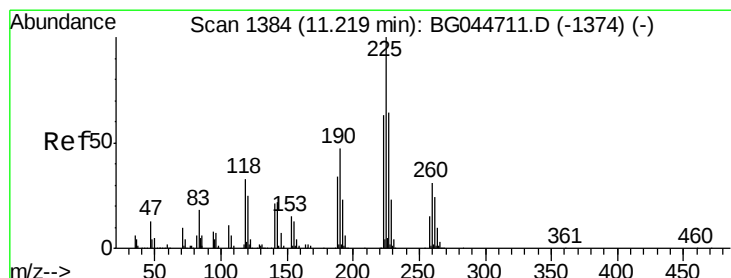
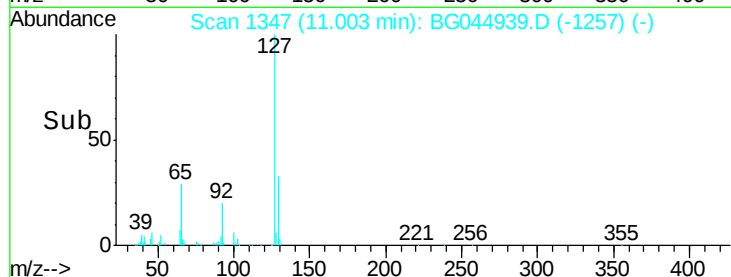
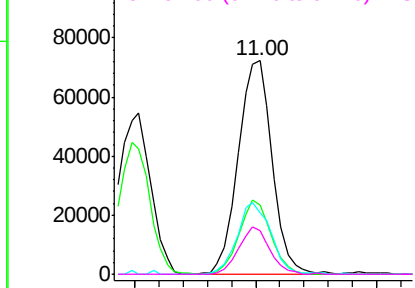
#33
4-Chloroaniline
Concen: 20.01 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PB127773BS

Tgt Ion:	127	Resp:	141693
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.9	40.3
65	28.9	27.7	41.5
92	20.5	17.4	26.2

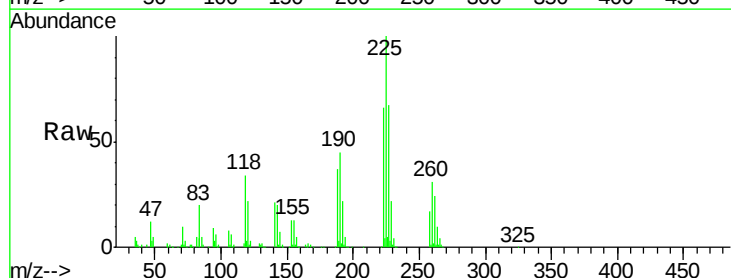


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

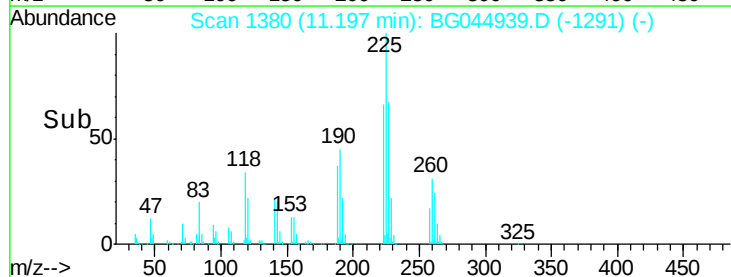
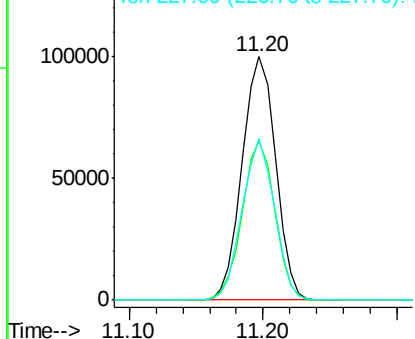


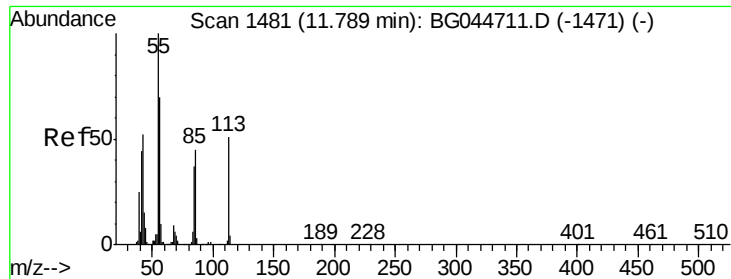
#34
Hexachlorobutadiene
Concen: 45.91 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:	225	Resp:	173327
Ion	Ratio	Lower	Upper
225	100		
223	65.5	47.4	71.0
227	66.6	50.8	76.2



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

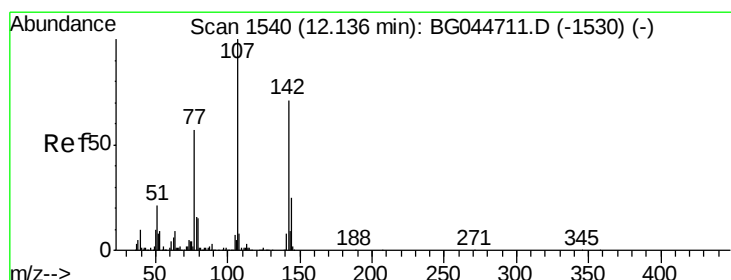
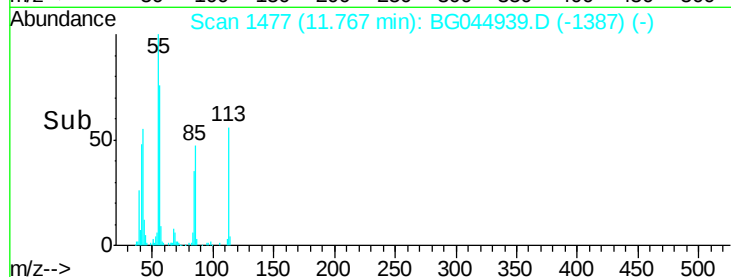
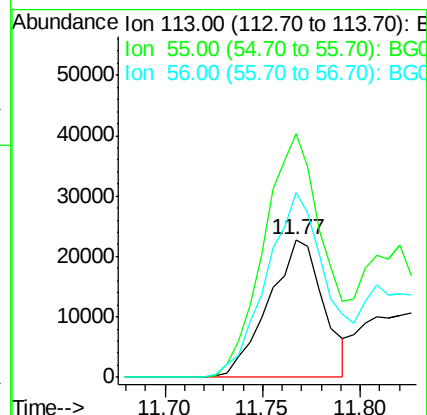
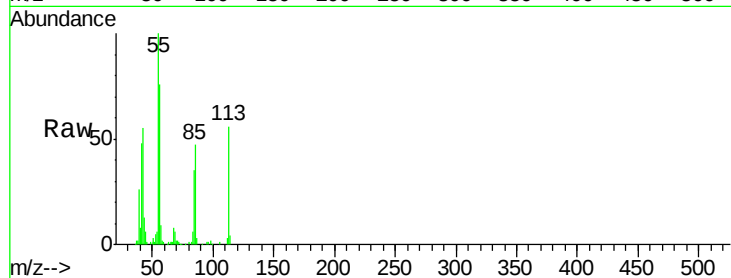




#35
 Caprolactam
 Concen: 24.34 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

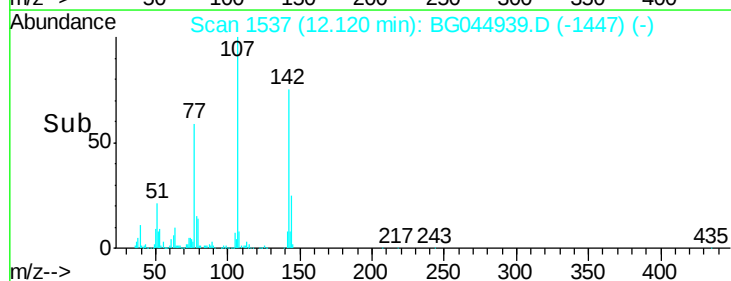
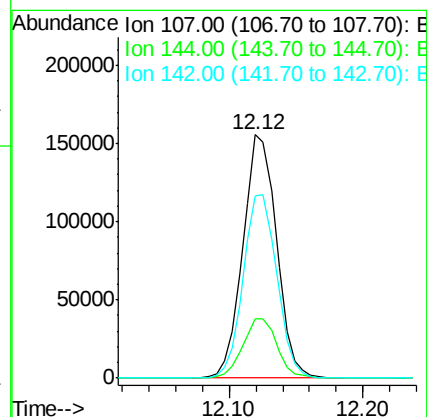
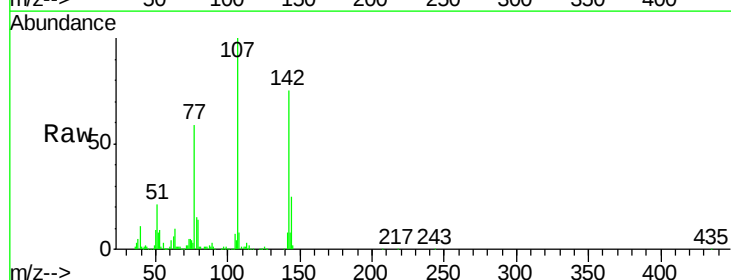
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

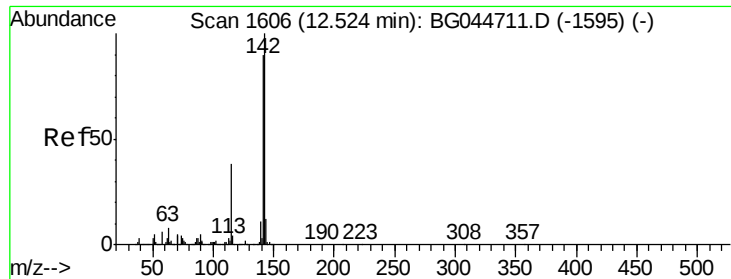
Tgt Ion:113 Resp: 44245
 Ion Ratio Lower Upper
 113 100
 55 177.2 173.8 213.8
 56 134.5 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.36 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:107 Resp: 271175
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.0 27.0
 142 74.6 59.0 88.4

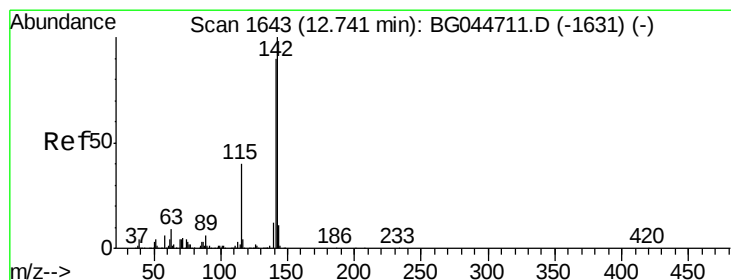
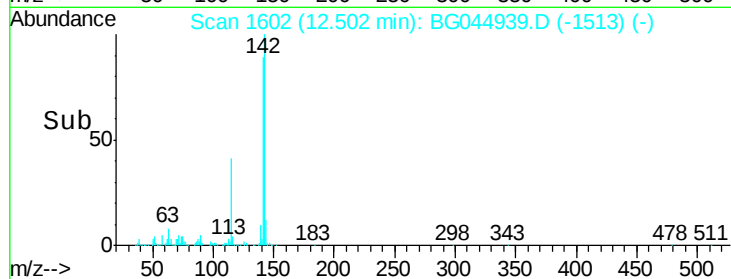
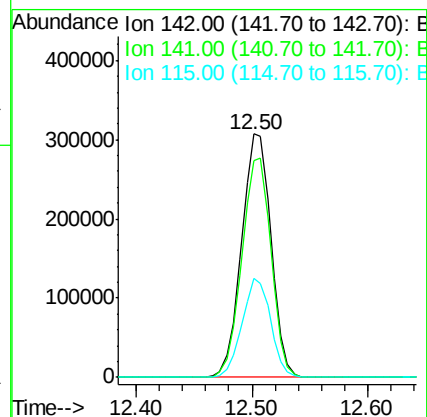
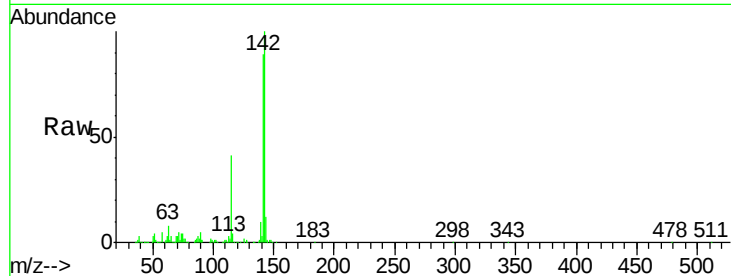




#37
2-Methylnaphthalene
Concen: 46.02 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

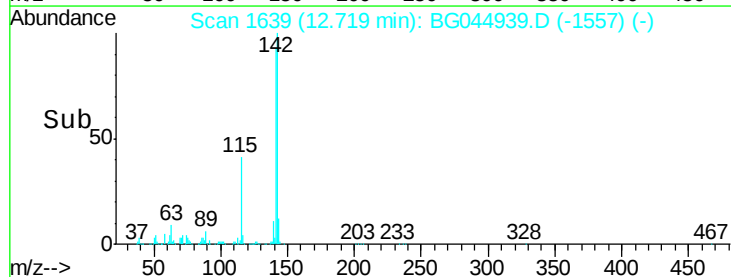
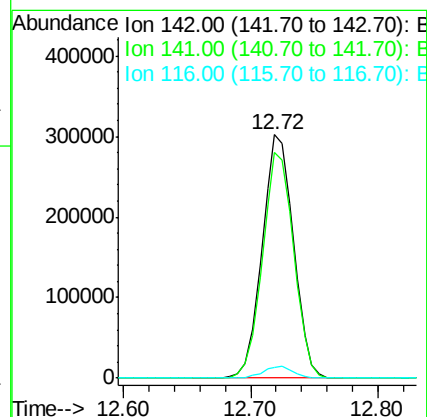
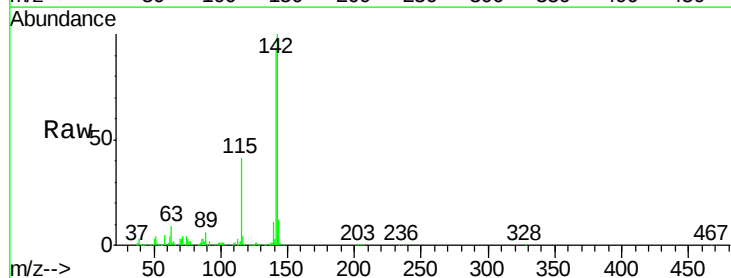
Instrument :
BNA_G
ClientSampleId :
PB127773BS

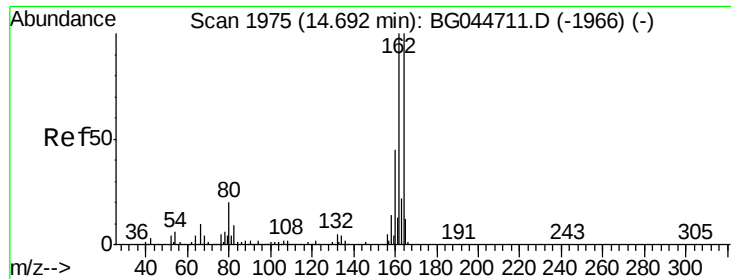
Tgt Ion:142 Resp: 541236
Ion Ratio Lower Upper
142 100
141 89.3 75.1 112.7
115 40.6 30.6 46.0



#38
1-Methylnaphthalene
Concen: 46.96 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:142 Resp: 519173
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

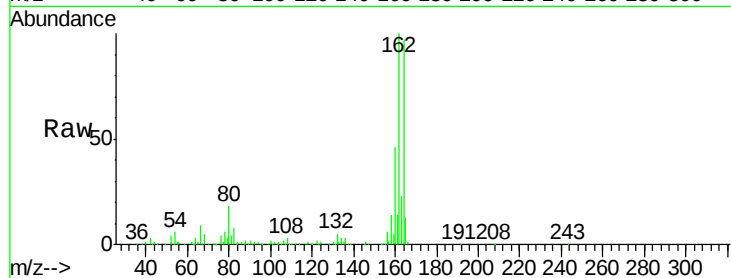
Tgt Ion:164 Resp: 187559

Ion Ratio Lower Upper

164 100

162 103.2 76.7 115.1

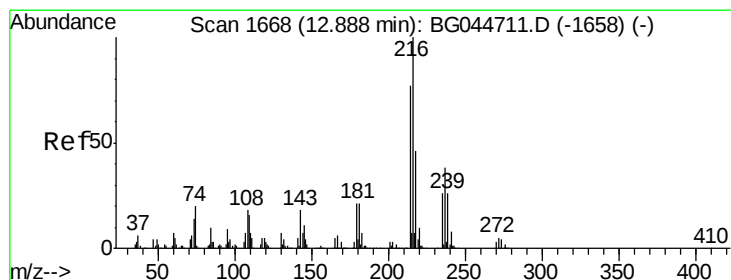
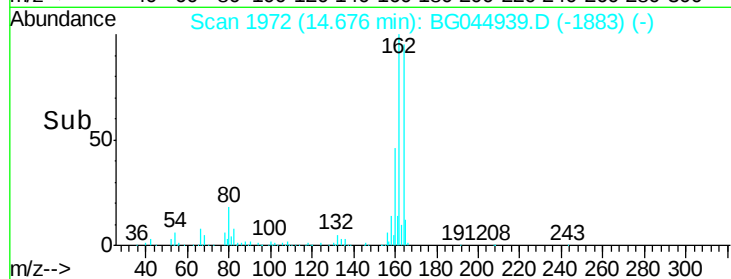
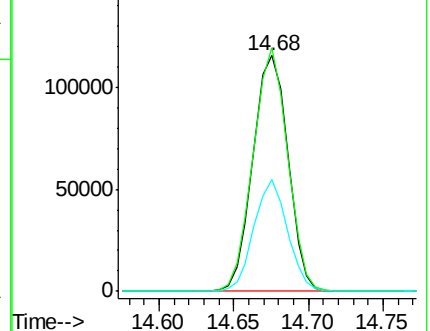
160 47.3 35.0 52.4



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: 46.66 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Tgt Ion:216 Resp: 288238

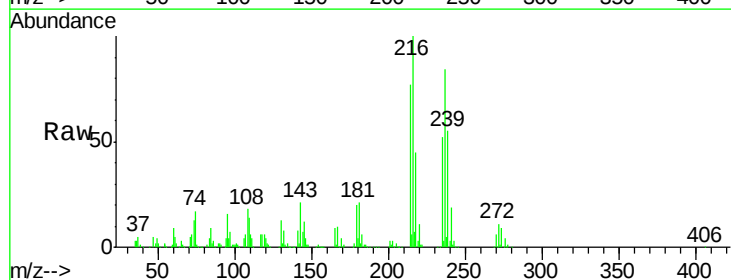
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 19.8 16.2 24.2

108 20.7 14.6 22.0

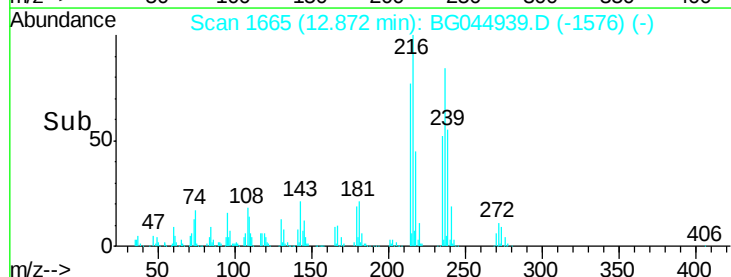
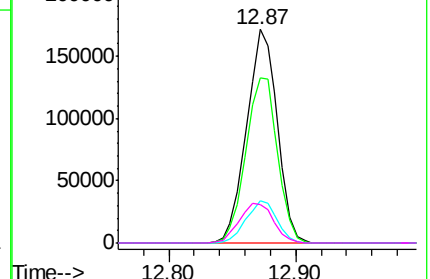


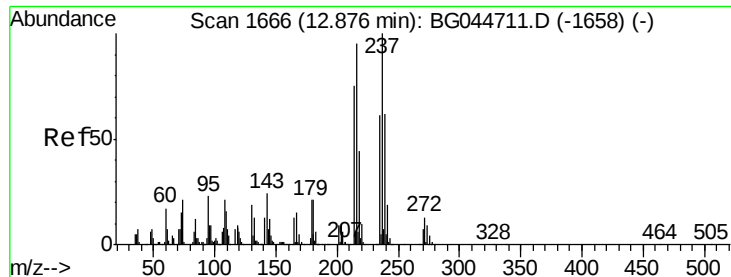
Abundance Ion 216.00 (215.70 to 216.70): E

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

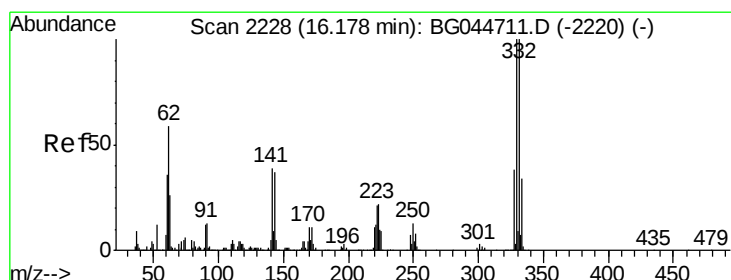
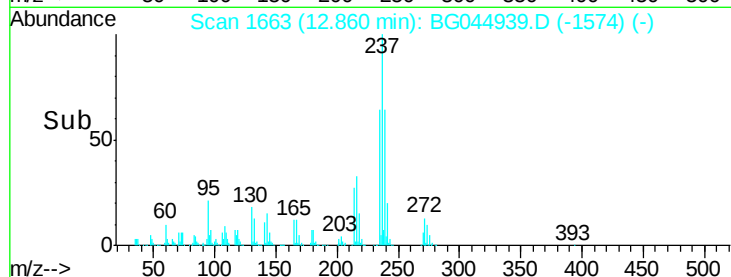
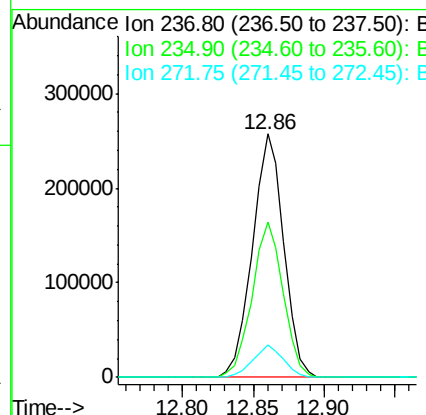
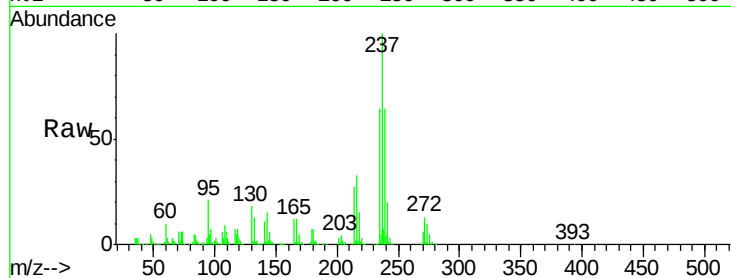




#41
Hexachlorocyclopentadiene
Concen: 118.46 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

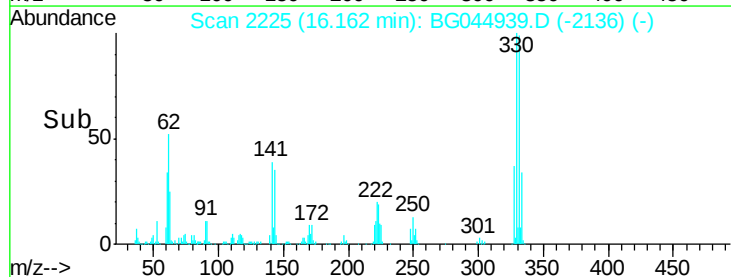
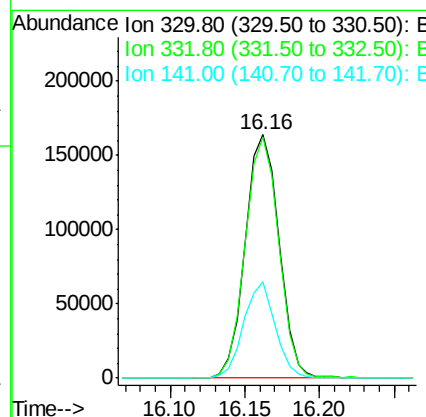
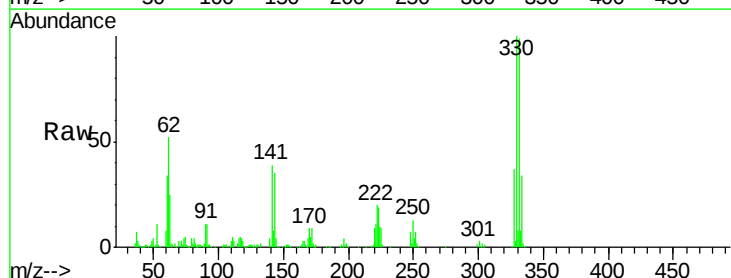
Instrument :
BNA_G
ClientSampleId :
PB127773BS

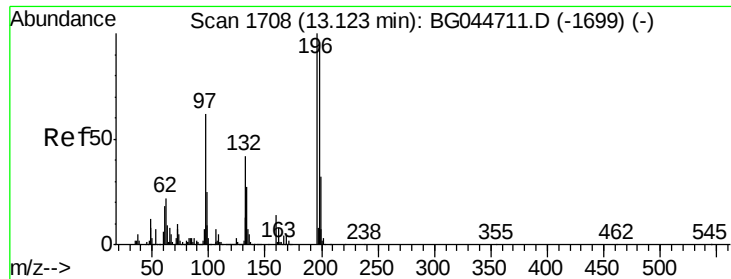
Tgt Ion: 237 Resp: 399902
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.2 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 104.59 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion: 330 Resp: 256854
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 37.5 29.5 44.3

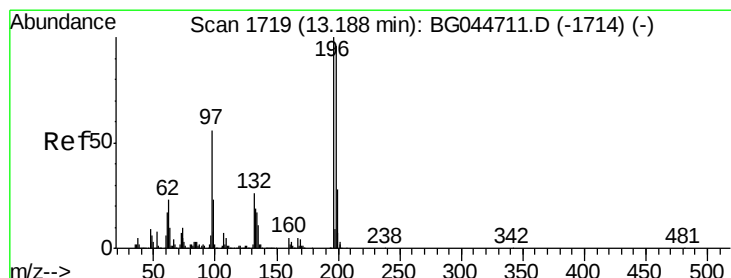
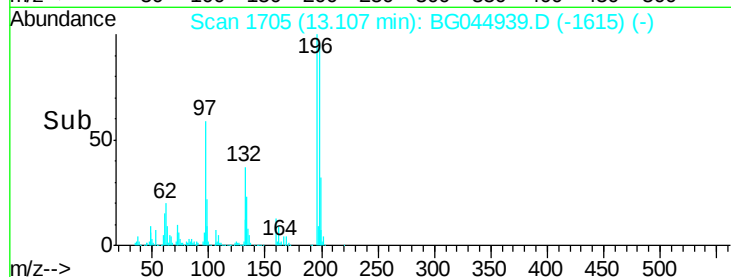
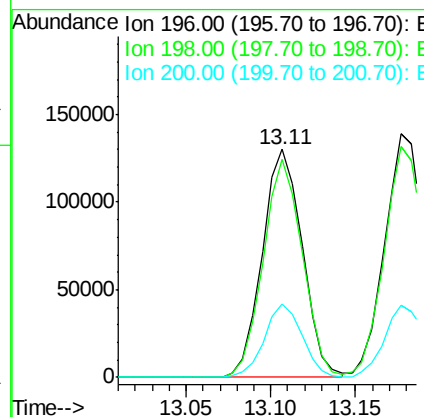
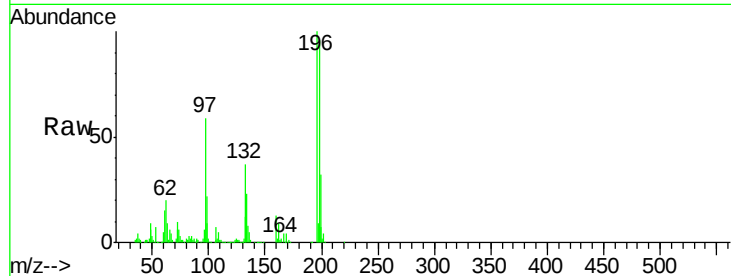




#43
 2,4,6-Trichlorophenol
 Concen: 51.97 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

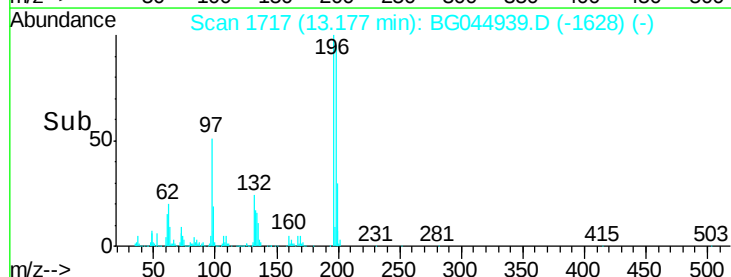
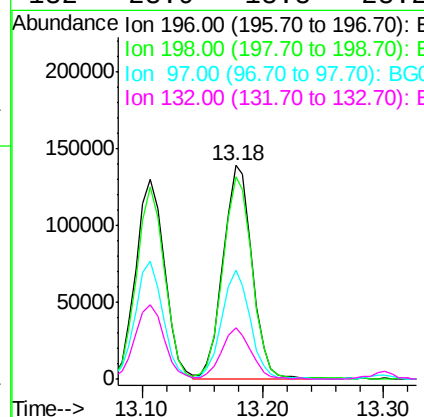
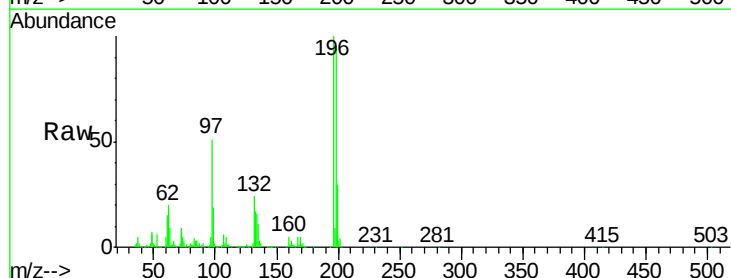
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

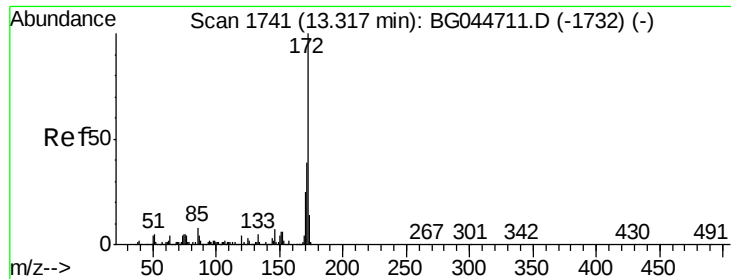
Tgt Ion:196 Resp: 213040
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.9 112.3
 200 32.3 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 53.97 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:196 Resp: 229456
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.2 111.4
 97 50.8 36.7 55.1
 132 23.9 18.8 28.2

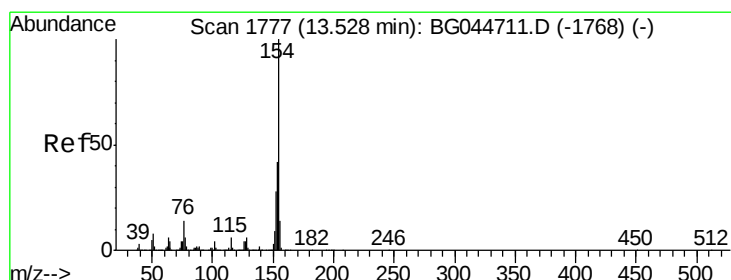
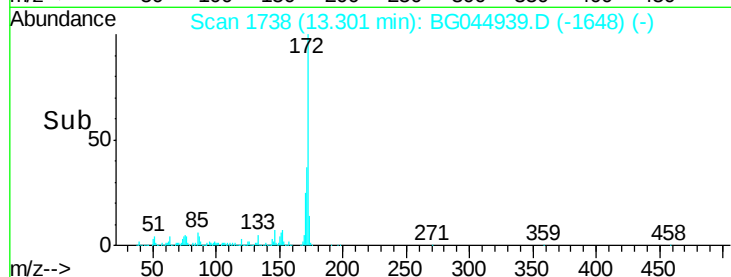
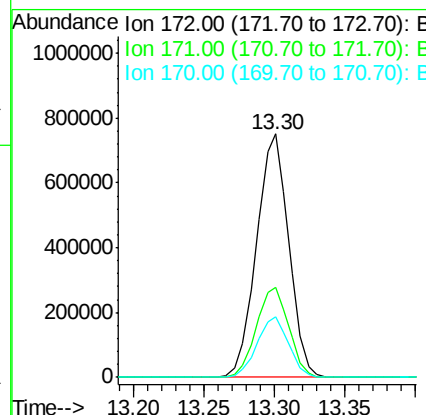
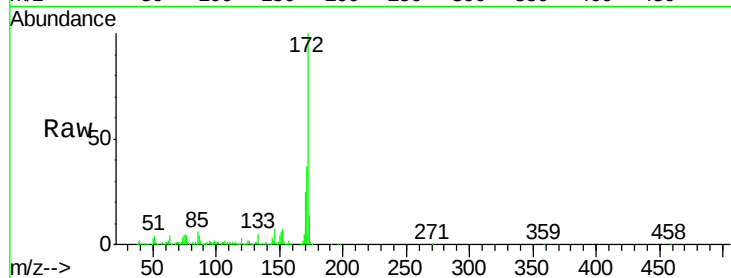




#45
2-Fluorobiphenyl
Concen: 91.91 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

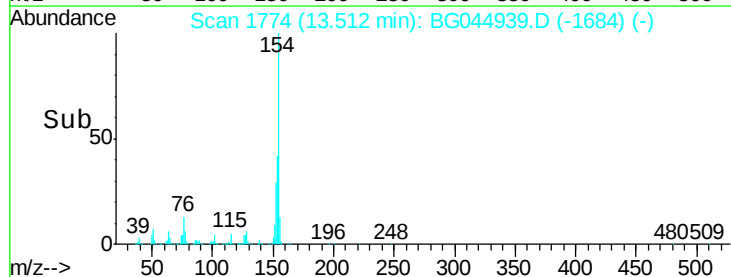
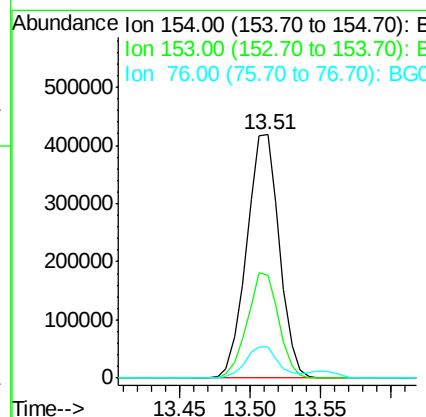
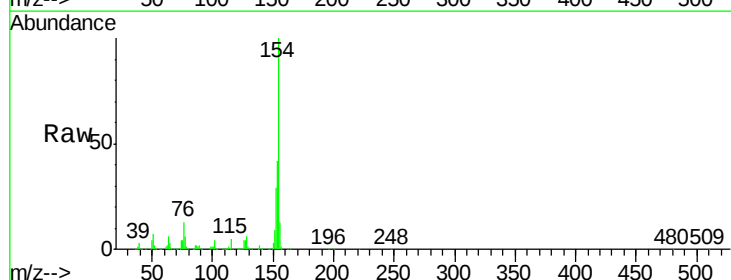
Instrument :
BNA_G
ClientSampleId :
PB127773BS

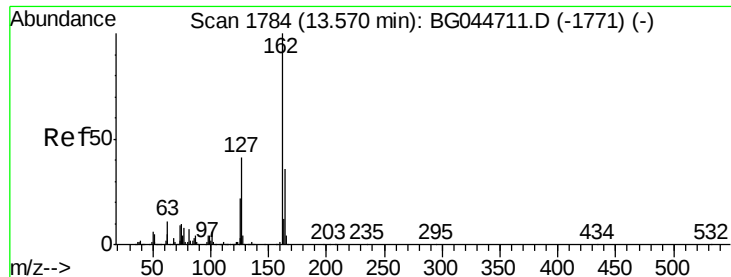
Tgt Ion:172 Resp: 1203769
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 25.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.11 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:154 Resp: 676055
Ion Ratio Lower Upper
154 100
153 42.3 22.9 62.9
76 12.9 0.0 34.6

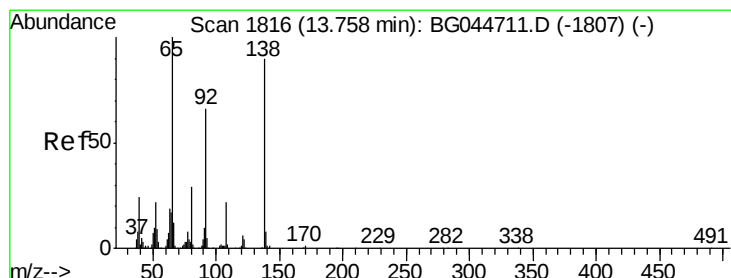
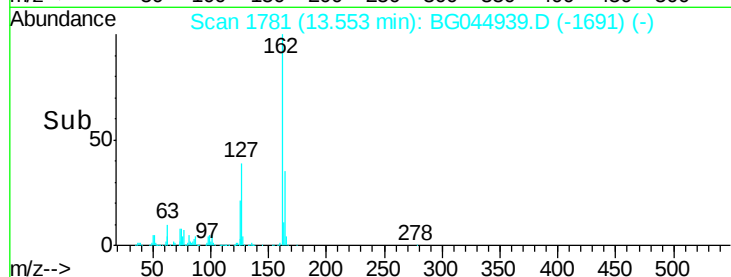
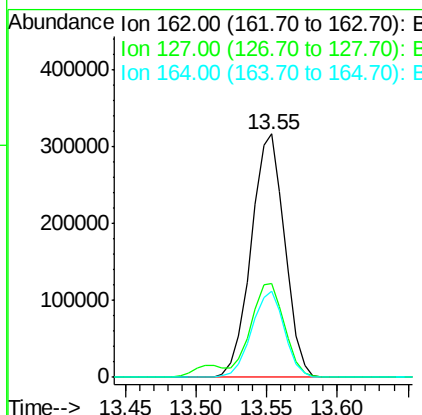
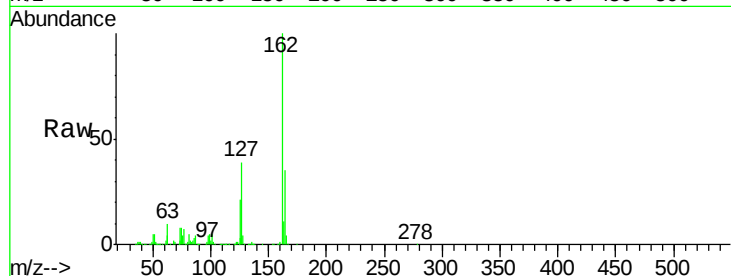




#47
 2-Chloronaphthalene
 Concen: 46.09 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

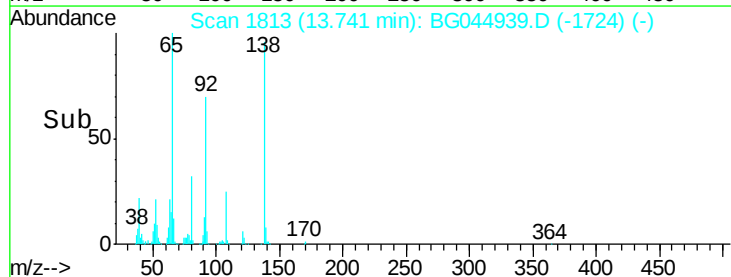
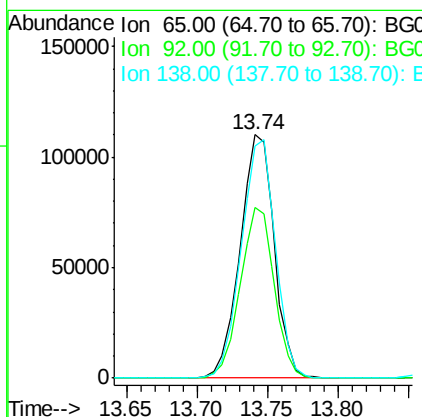
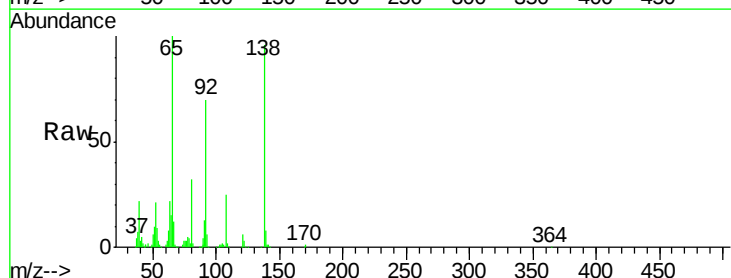
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

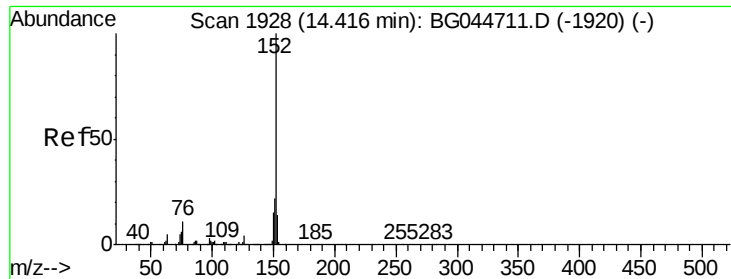
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.1	49.7
164	35.2	27.4	41.2



#48
 2-Nitroaniline
 Concen: 46.53 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	52.6	79.0
138	95.5	78.3	117.5





#49

Acenaphthylene

Concen: 47.79 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

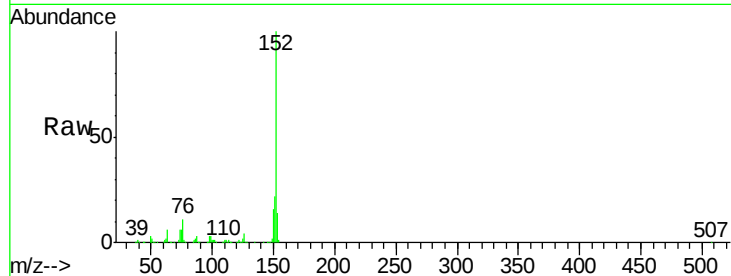
Tgt Ion:152 Resp: 857190

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

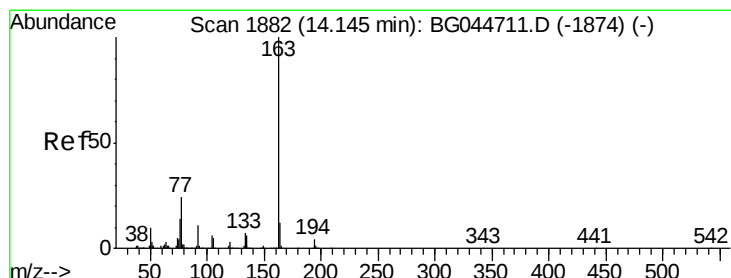
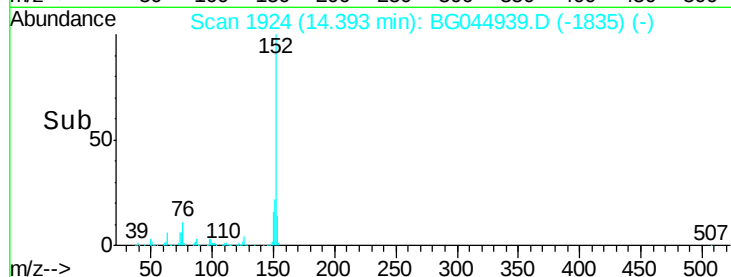
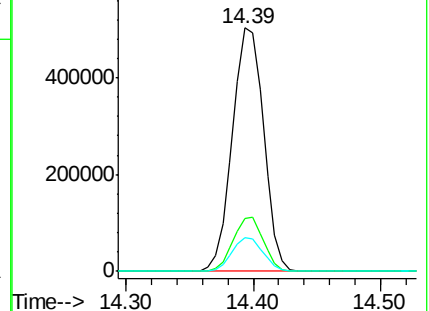
153 13.8 10.8 16.2



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: 46.99 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

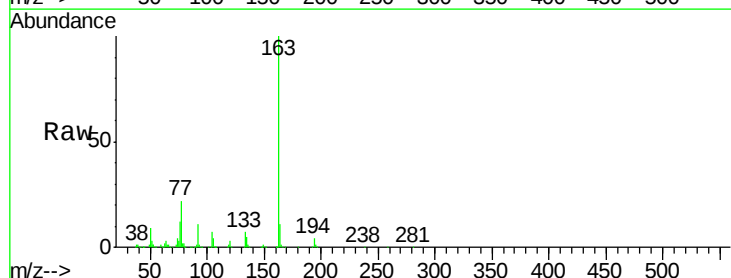
Tgt Ion:163 Resp: 701978

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

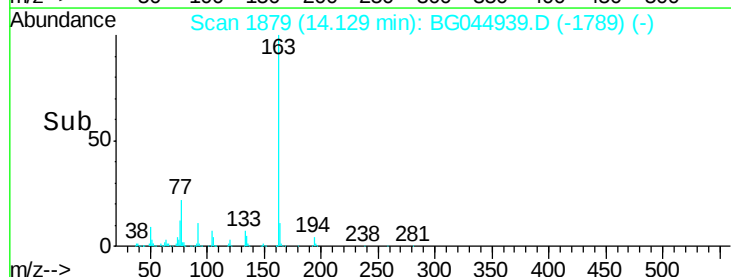
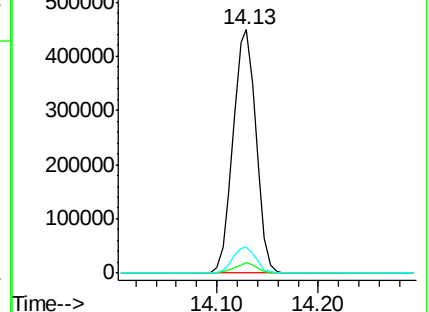
164 10.9 9.1 13.7

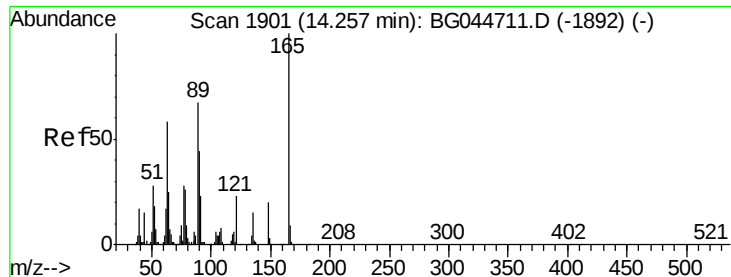


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.56 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

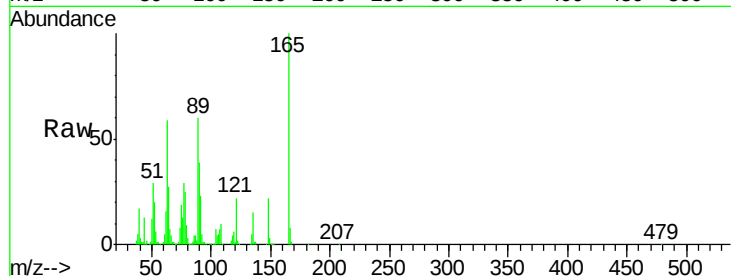
Tgt Ion:165 Resp: 161263

Ion Ratio Lower Upper

165 100

63 59.4 45.8 68.8

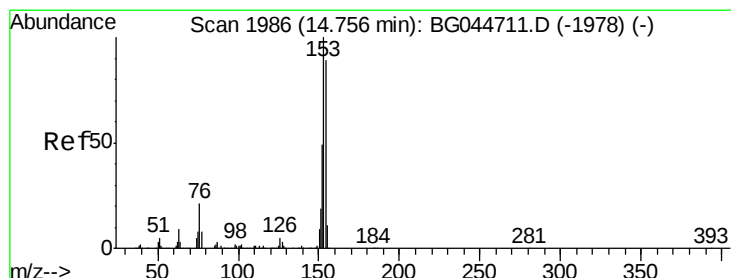
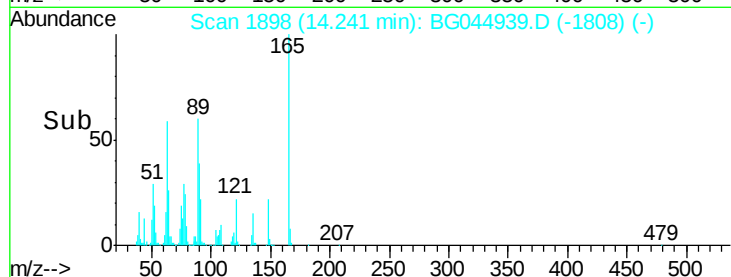
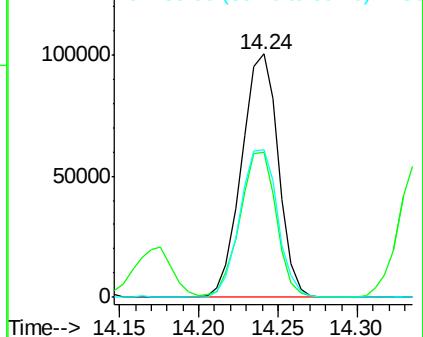
89 60.4 51.8 77.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 53.70 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

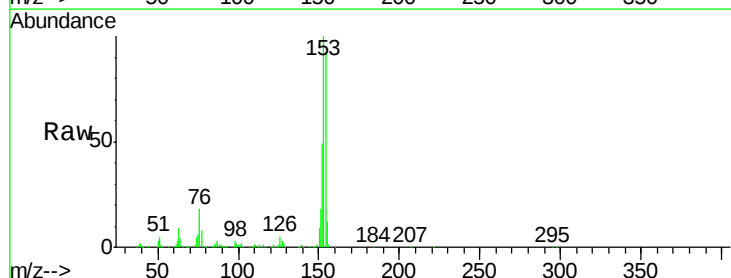
Tgt Ion:154 Resp: 630883

Ion Ratio Lower Upper

154 100

153 108.7 89.0 133.6

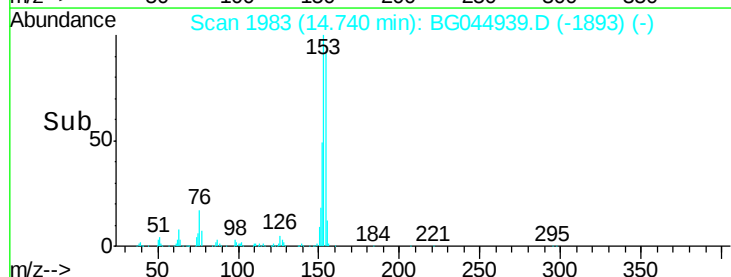
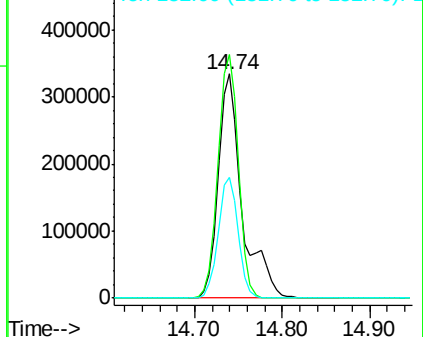
152 53.8 43.0 64.6

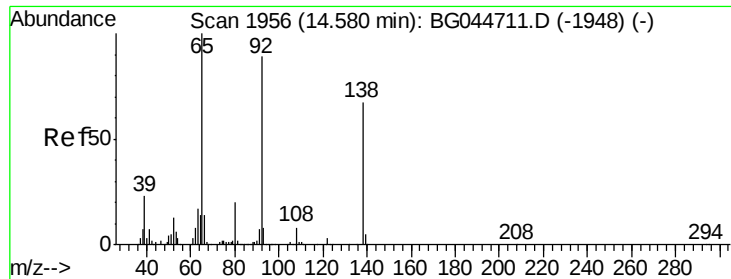


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

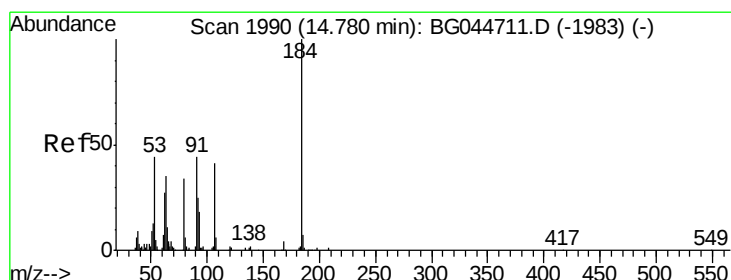
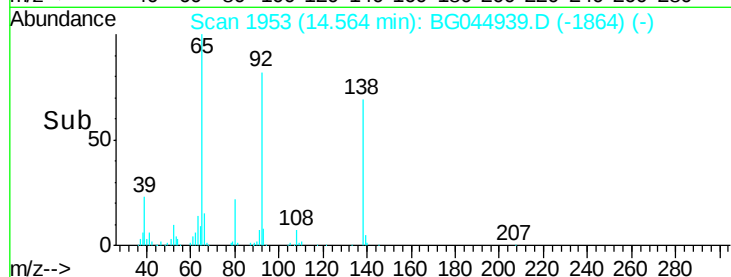
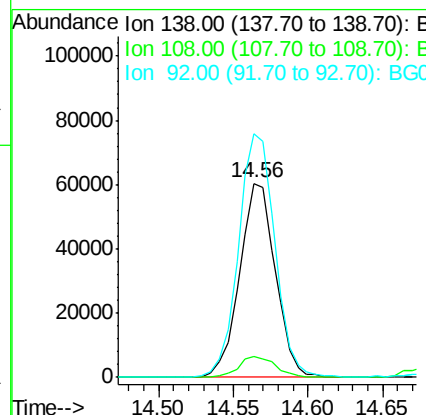
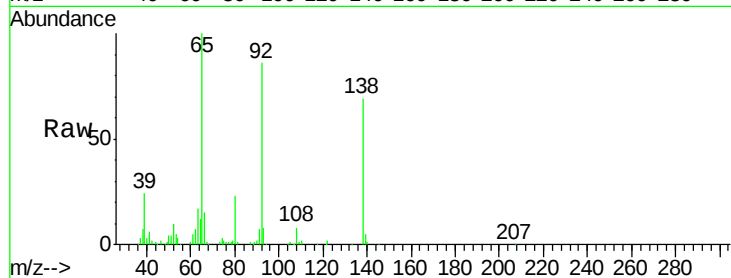




#53
3-Nitroaniline
Concen: 29.06 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

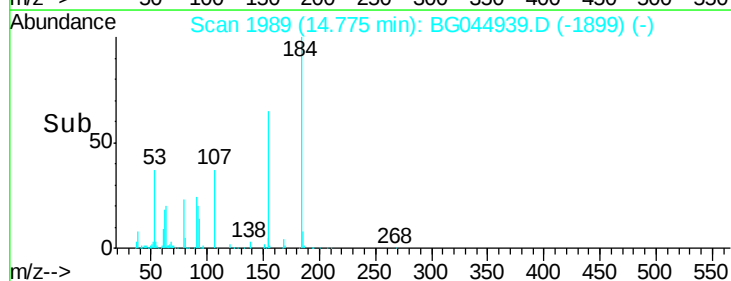
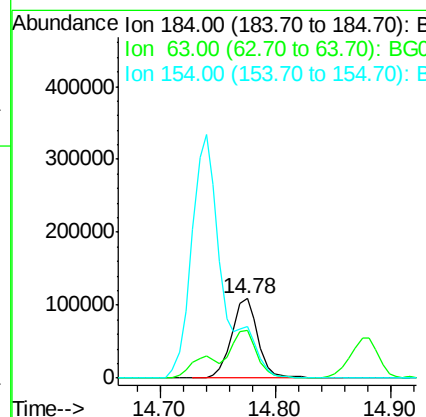
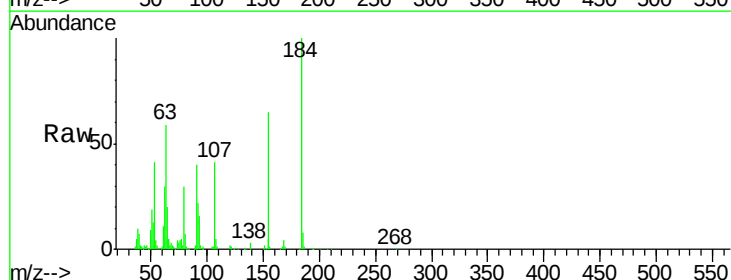
Instrument :
BNA_G
ClientSampleId :
PB127773BS

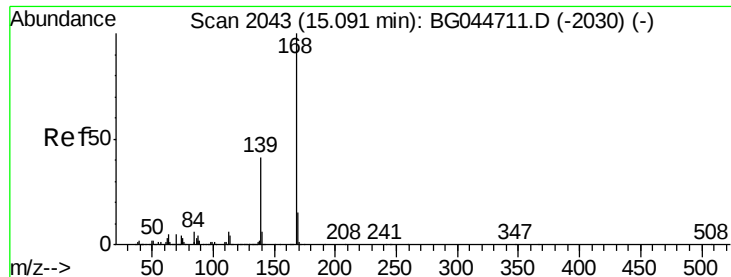
Tgt Ion:138 Resp: 100596
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 125.5 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 106.07 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:184 Resp: 171661
Ion Ratio Lower Upper
184 100
63 59.4 45.5 68.3
154 64.8 49.1 73.7

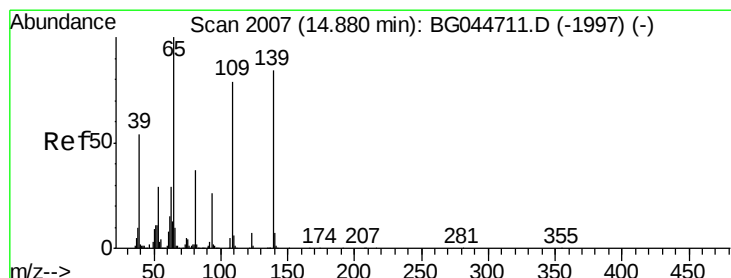
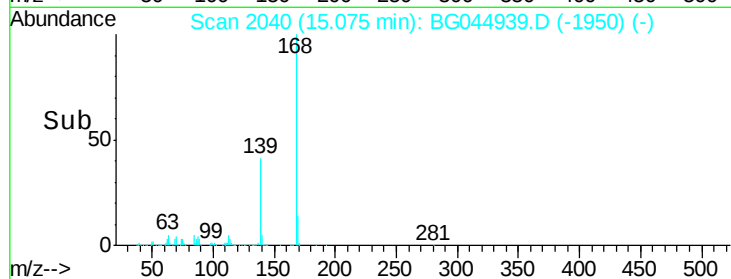
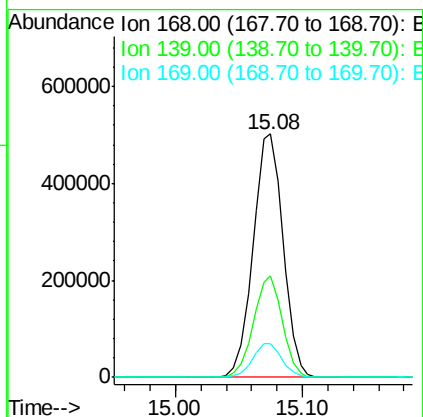
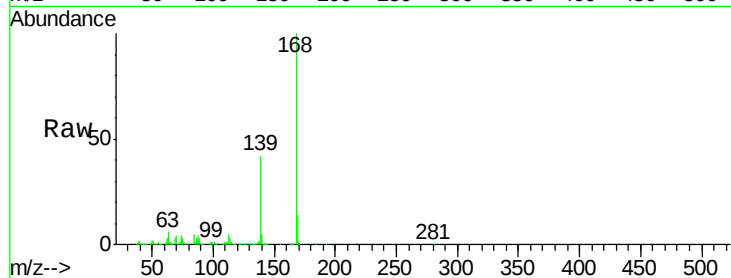




#55
Dibenzenofuran
Concen: 48.39 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

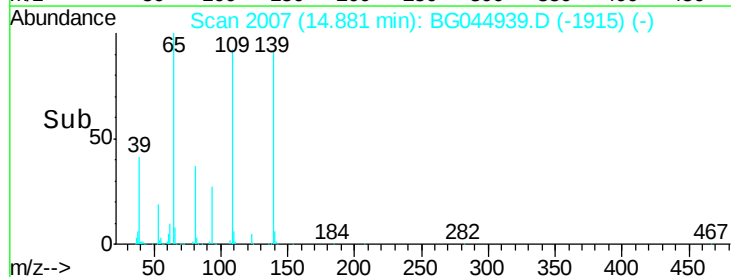
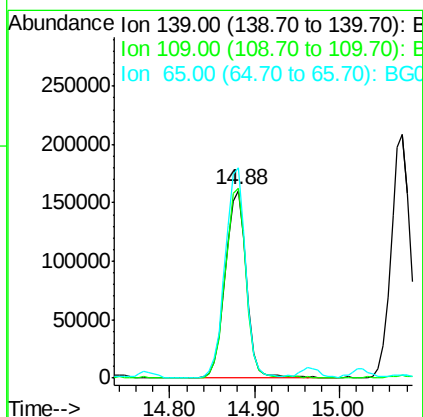
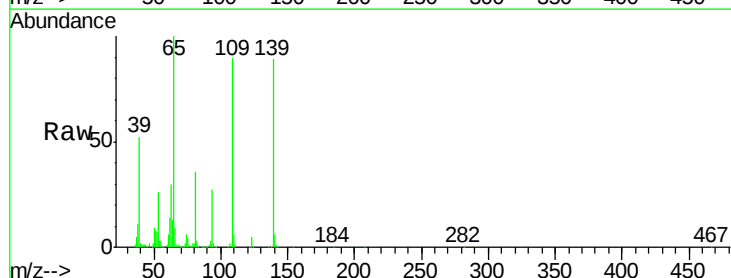
Instrument :
BNA_G
ClientSampleId :
PB127773BS

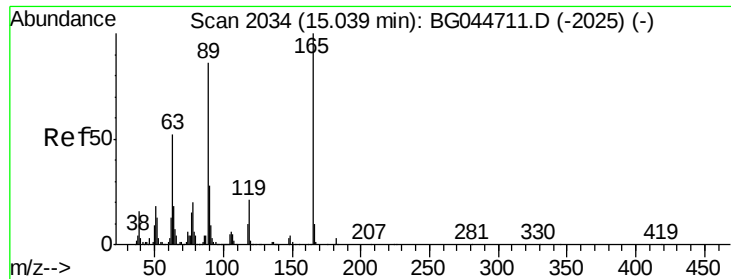
Tgt Ion:168 Resp: 824428
Ion Ratio Lower Upper
168 100
139 41.5 31.4 47.0
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 104.74 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:139 Resp: 276724
Ion Ratio Lower Upper
139 100
109 101.3 68.8 108.8
65 112.1 92.5 132.5

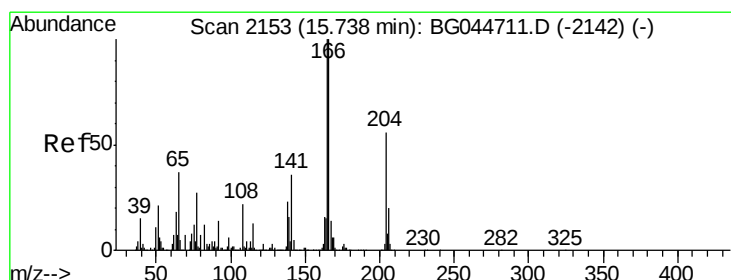
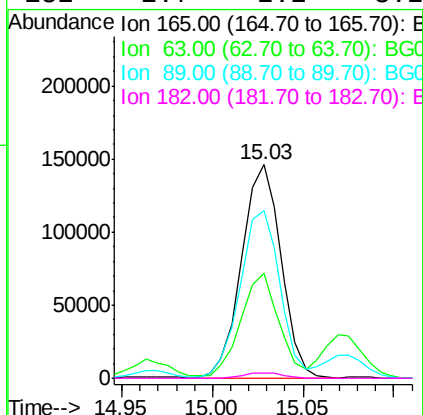
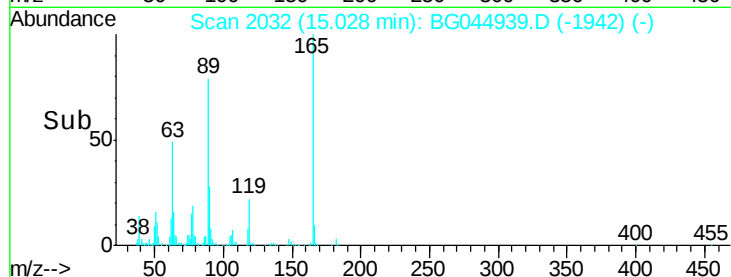
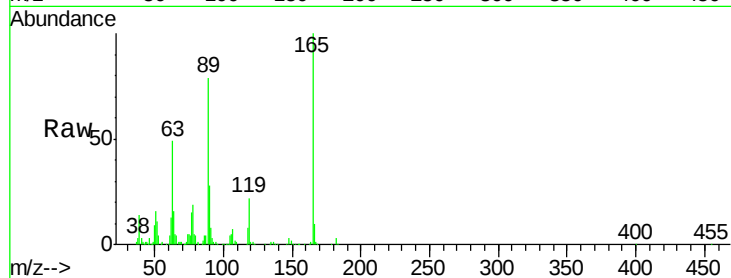




#57
2,4-Dinitrotoluene
Concen: 53.75 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

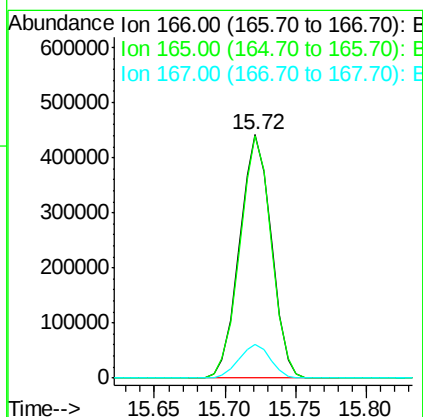
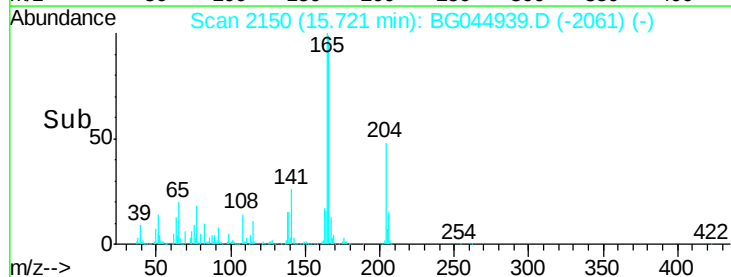
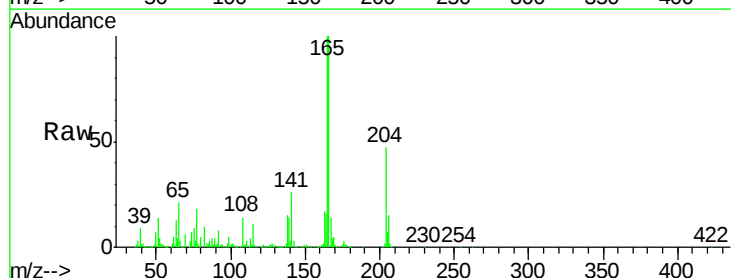
Instrument :
BNA_G
ClientSampleId :
PB127773BS

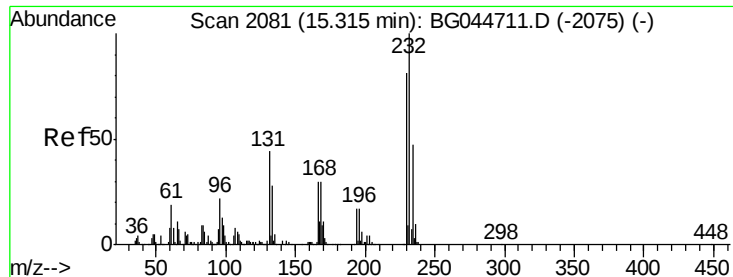
Tgt Ion:165 Resp: 221967
Ion Ratio Lower Upper
165 100
63 49.2 34.6 52.0
89 78.7 61.3 91.9
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.52 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion:166 Resp: 693910
Ion Ratio Lower Upper
166 100
165 99.6 79.7 119.5
167 13.8 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.05 ng

RT: 15.22 min Scan# 2064

Delta R.T. -0.09 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

Tgt Ion:232 Resp: 211546

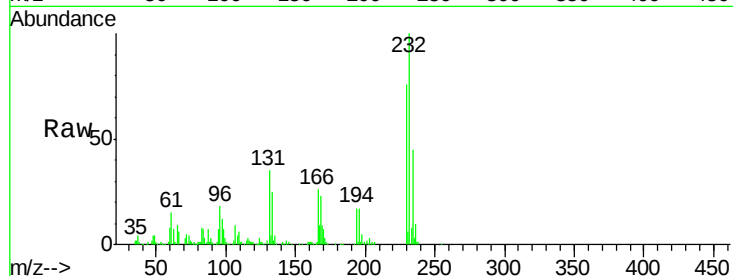
Ion Ratio Lower Upper

232 100

131 37.7 31.8 47.8

130 2.7 2.2 3.2

166 24.7 20.2 30.2

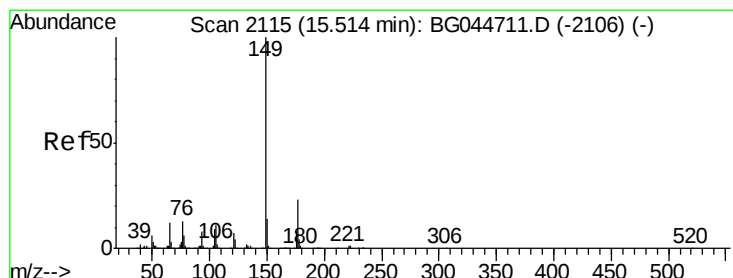
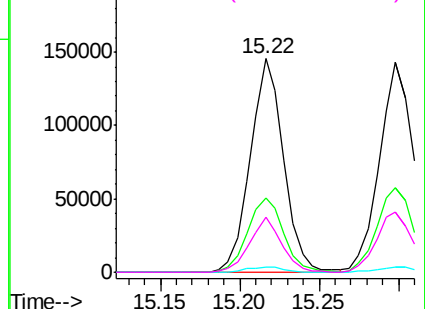
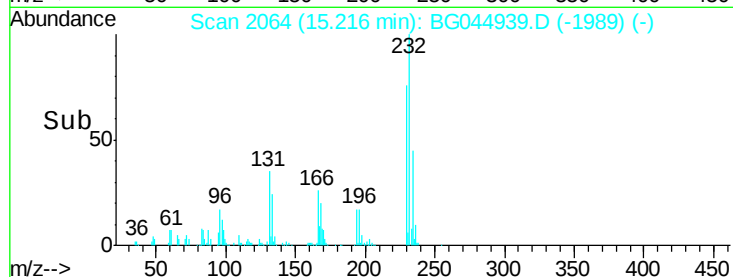


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.99 ng

RT: 15.49 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

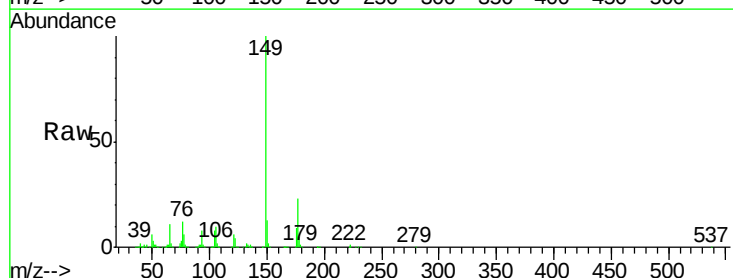
Tgt Ion:149 Resp: 732104

Ion Ratio Lower Upper

149 100

177 23.0 19.3 28.9

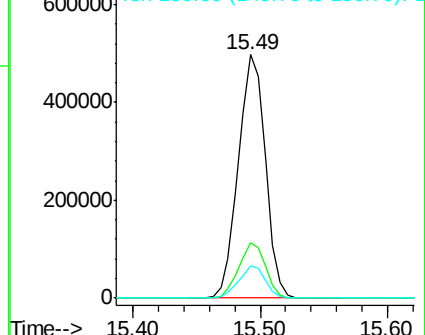
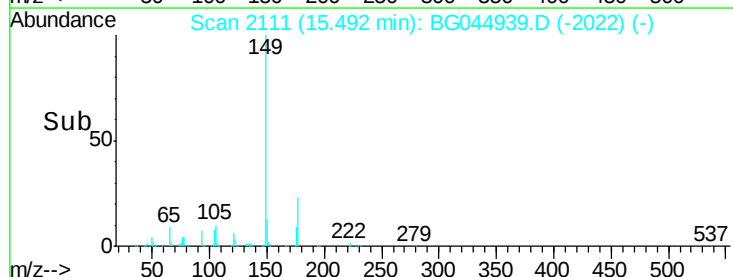
150 13.2 11.0 16.6

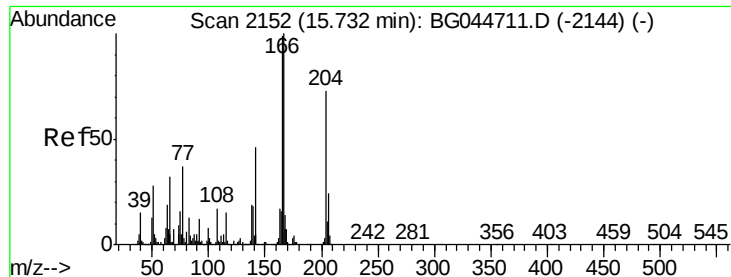


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

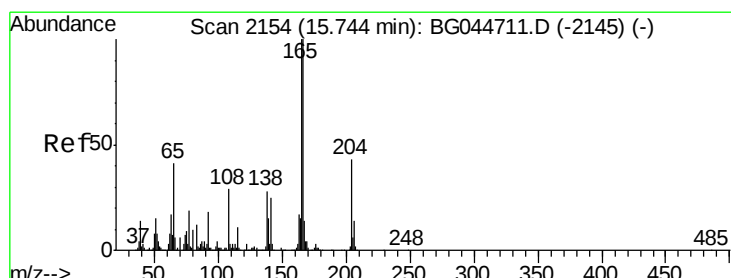
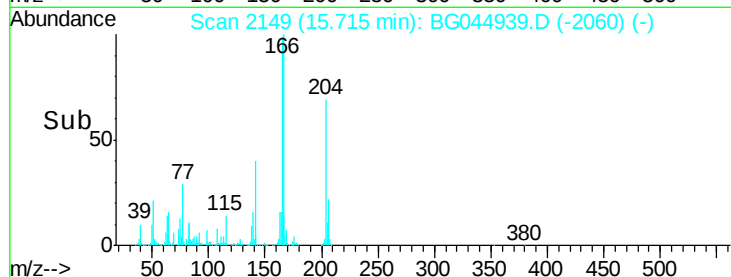
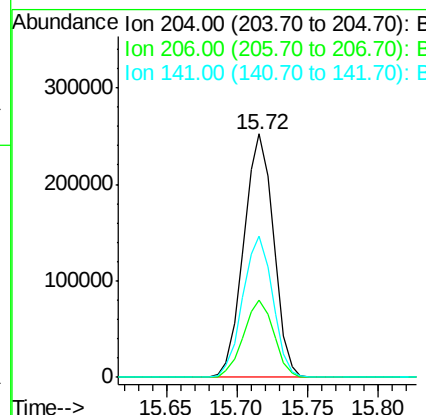
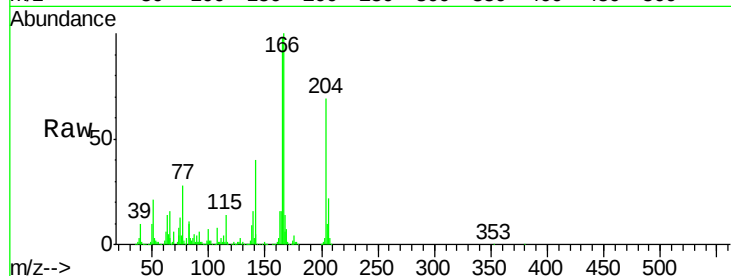




#61
 4-Chlorophenyl-phenylether
 Concen: 49.58 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

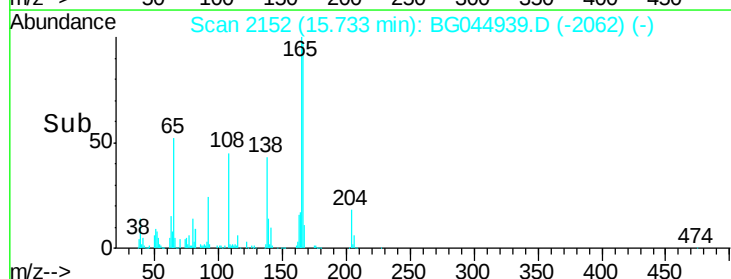
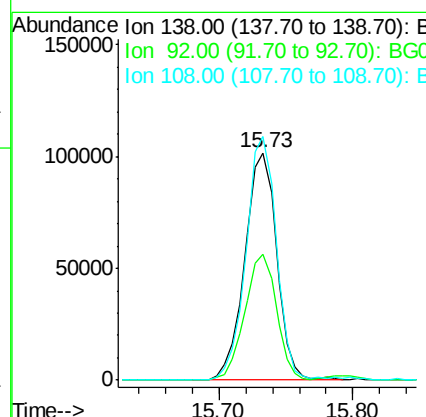
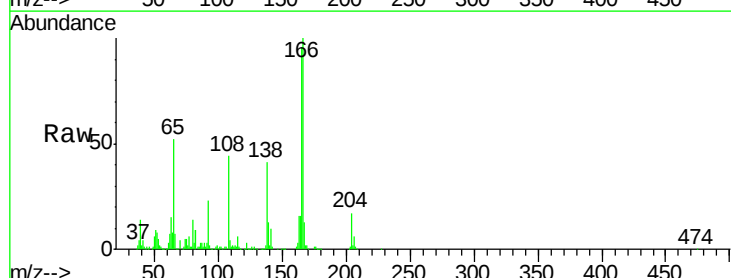
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

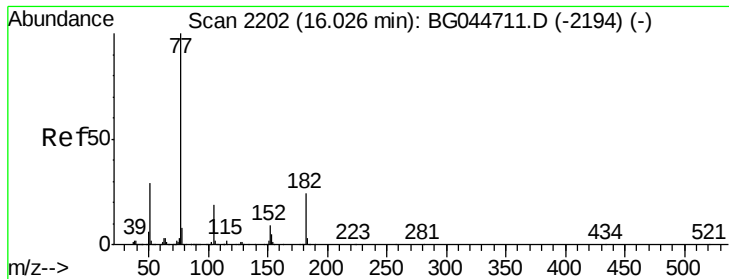
Tgt Ion:204 Resp: 374108
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.2 39.2
 141 58.1 47.7 71.5



#62
 4-Nitroaniline
 Concen: 45.46 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:138 Resp: 167825
 Ion Ratio Lower Upper
 138 100
 92 55.6 34.5 74.5
 108 107.0 74.5 114.5





#63

Azobenzene

Concen: 45.21 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

Tgt Ion: 77 Resp: 731404

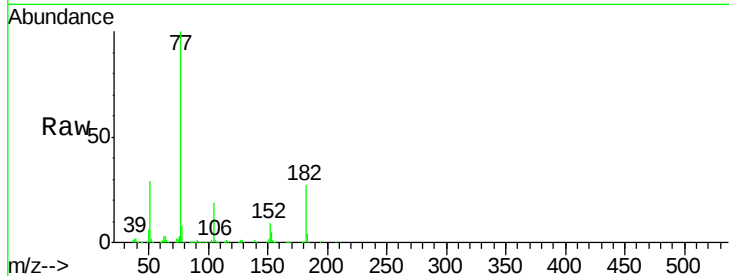
Ion Ratio Lower Upper

77 100

182 26.8 6.4 46.4

105 19.0 0.0 39.1

51 28.9 7.3 47.3

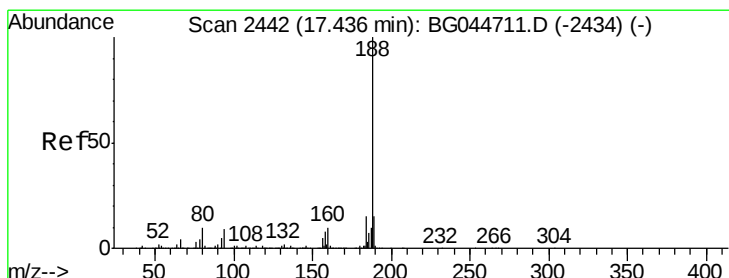
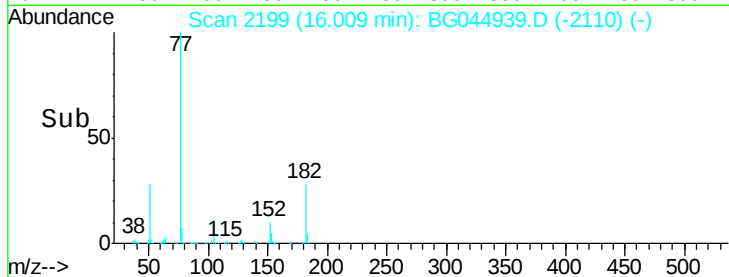
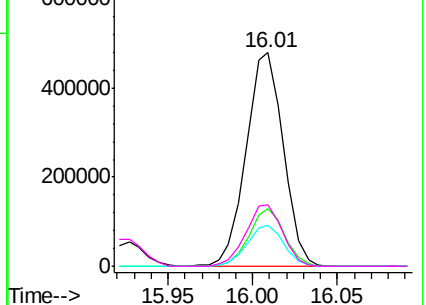


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

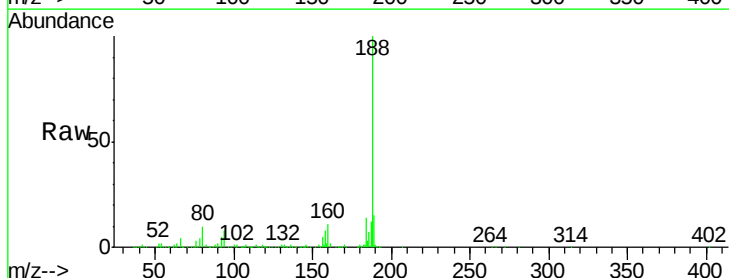
Tgt Ion: 188 Resp: 443944

Ion Ratio Lower Upper

188 100

94 7.9 7.3 10.9

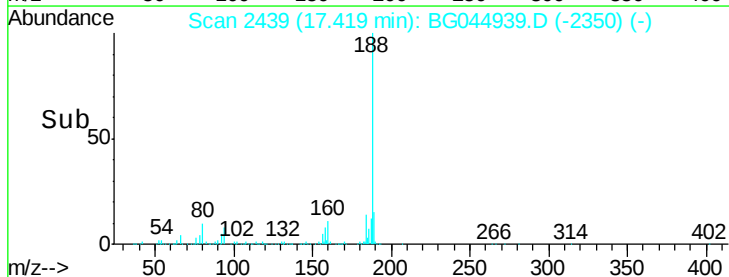
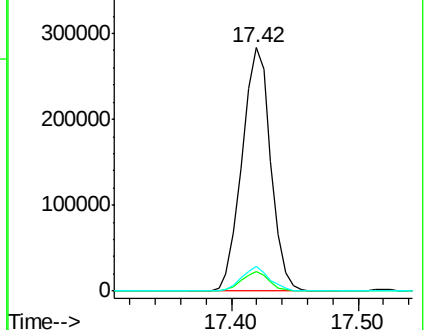
80 10.2 8.0 12.0

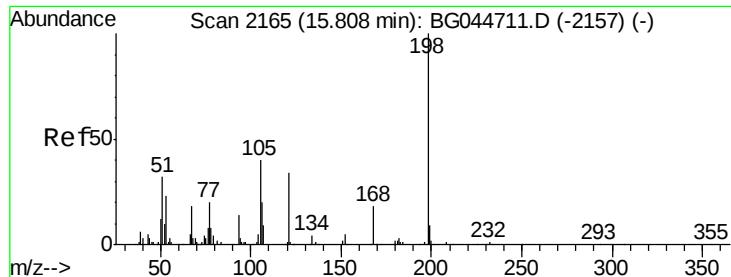


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

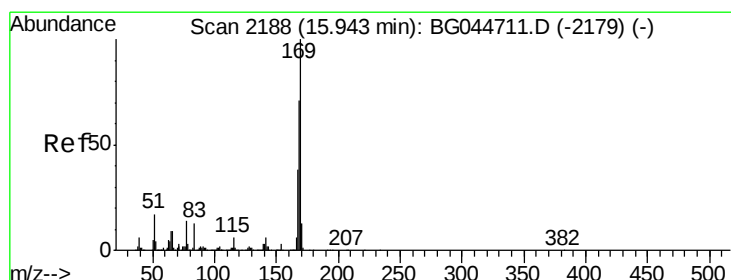
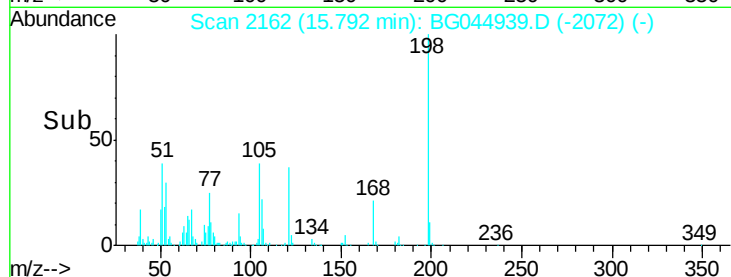
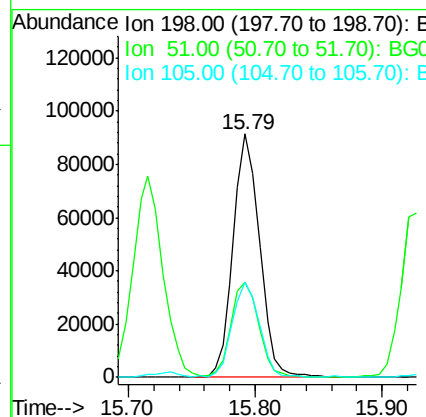
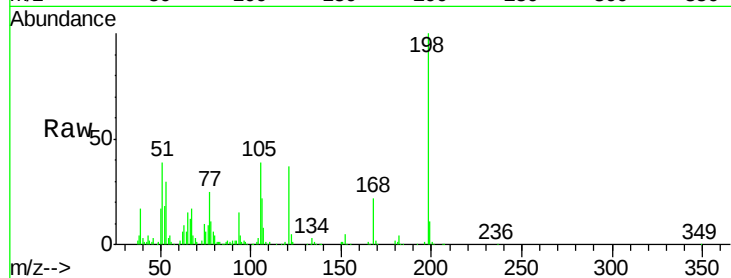




#65
 4,6-Dinitro-2-methylphenol
 Concen: 60.96 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

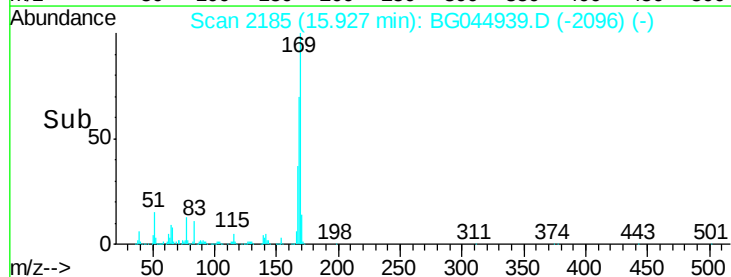
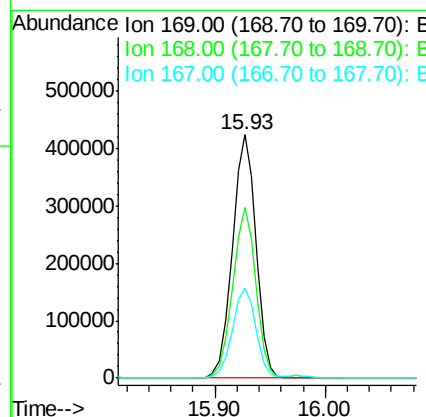
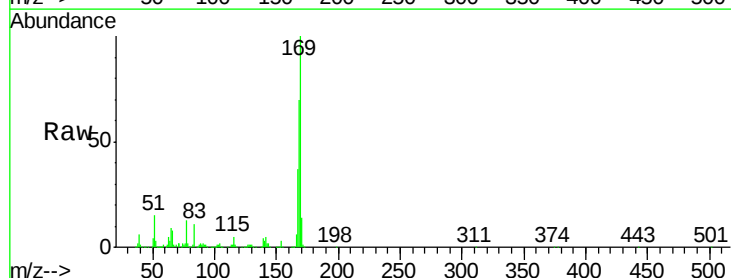
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

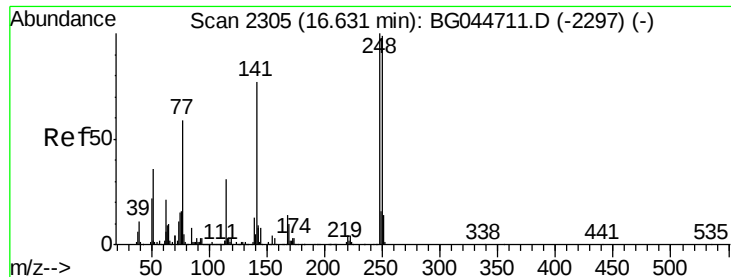
Tgt Ion:198 Resp: 132545
 Ion Ratio Lower Upper
 198 100
 51 39.1 21.1 61.1
 105 39.1 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 47.23 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:169 Resp: 631231
 Ion Ratio Lower Upper
 169 100
 168 70.1 55.4 83.2
 167 37.2 30.1 45.1

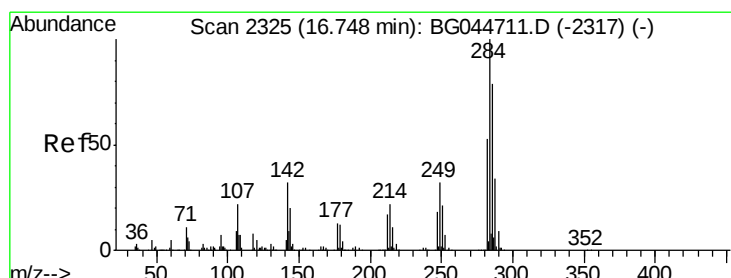
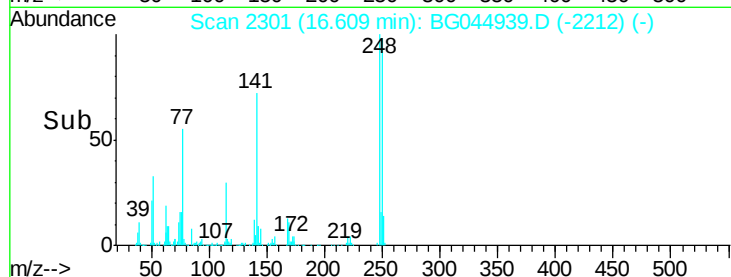
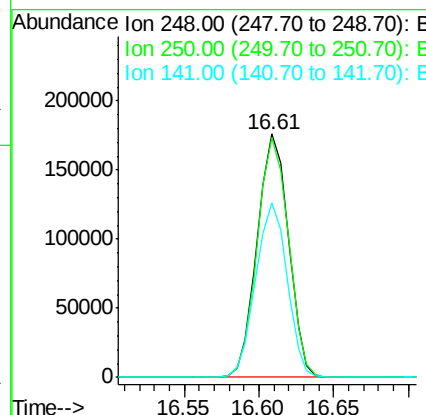
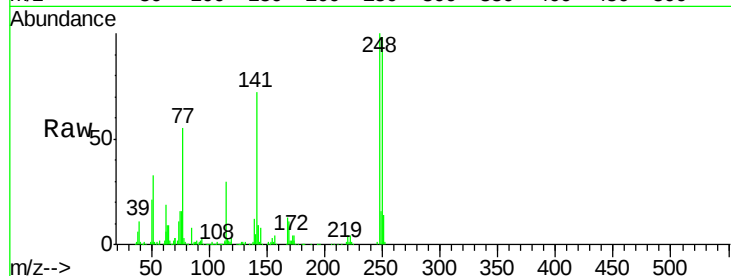




#67
 4-Bromophenyl-phenylether
 Concen: 45.82 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

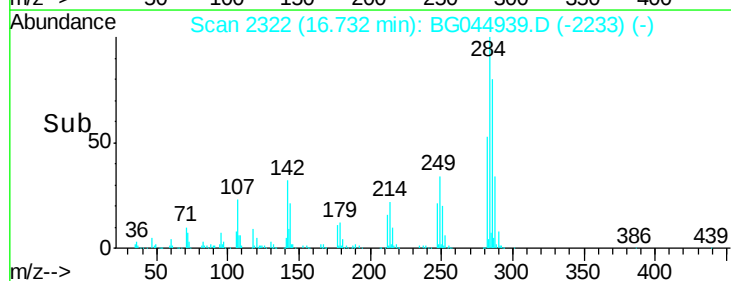
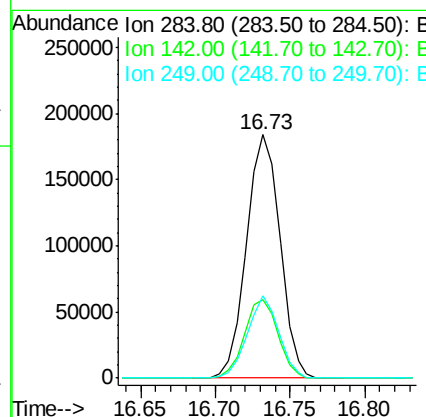
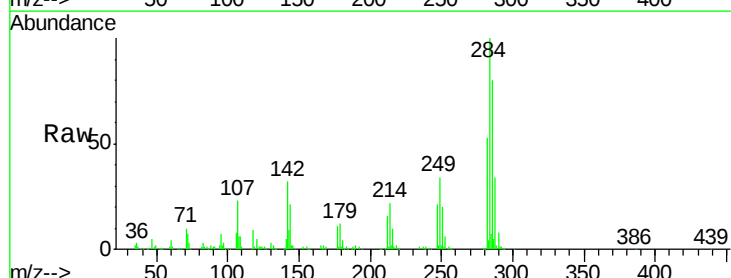
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

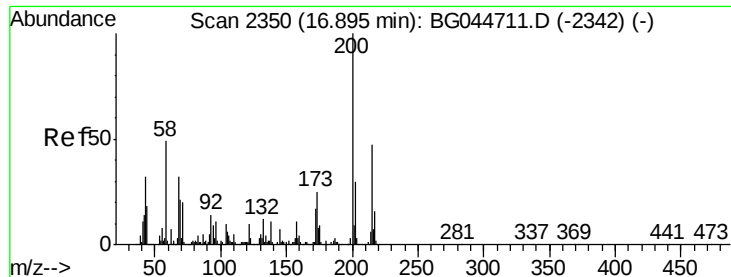
Tgt Ion:248 Resp: 254284
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.9 116.9
 141 71.7 57.5 86.3



#68
 Hexachlorobenzene
 Concen: 47.28 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:284 Resp: 284648
 Ion Ratio Lower Upper
 284 100
 142 32.3 25.0 37.6
 249 34.0 25.8 38.8

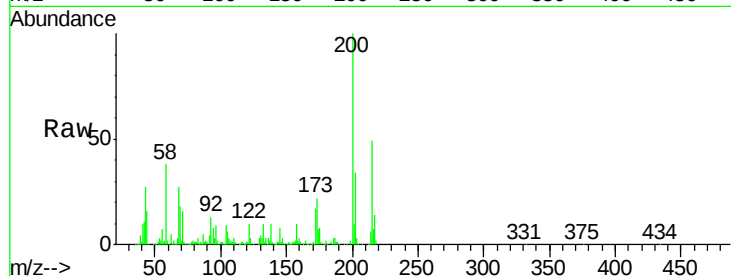




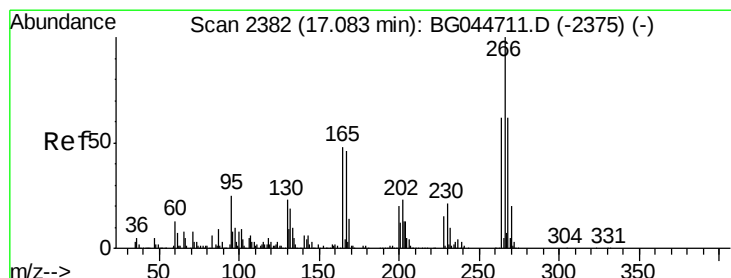
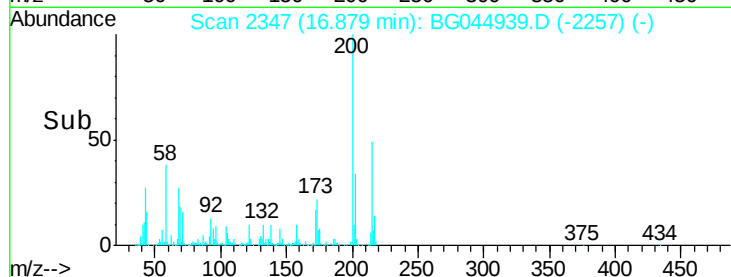
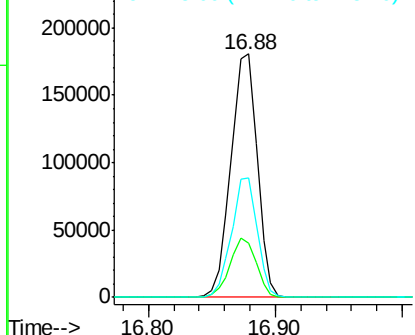
#69
Atrazine
Concen: 52.86 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Instrument :
BNA_G
ClientSampleId :
PB127773BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.3	45.3
215	49.1	28.9	68.9

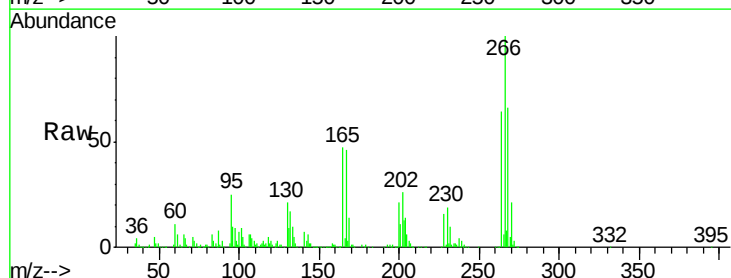


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

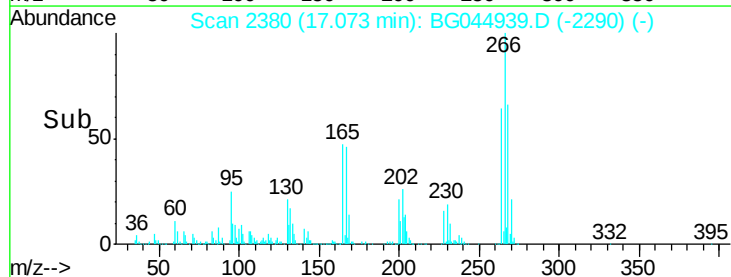
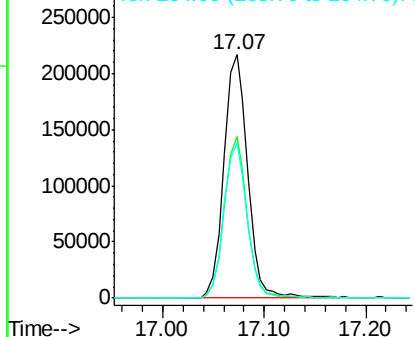


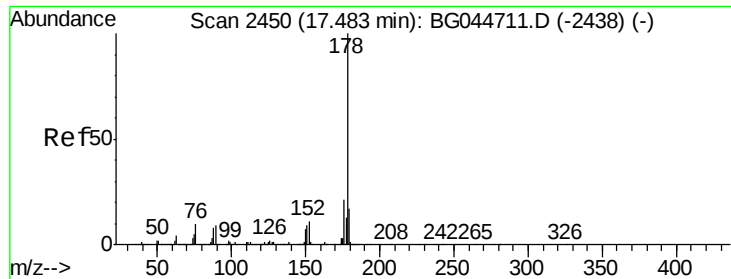
#70
Pentachlorophenol
Concen: 106.57 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044939.D
Acq: 24 Mar 2020 20:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.3	75.5
264	63.6	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: 48.17 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

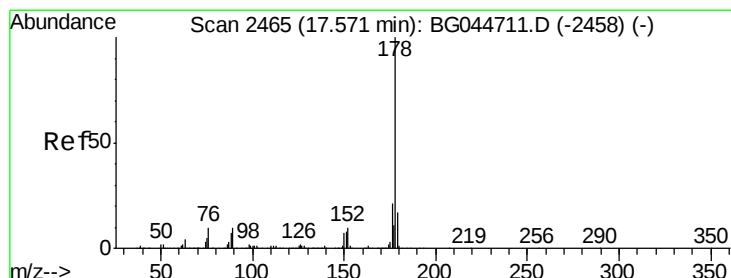
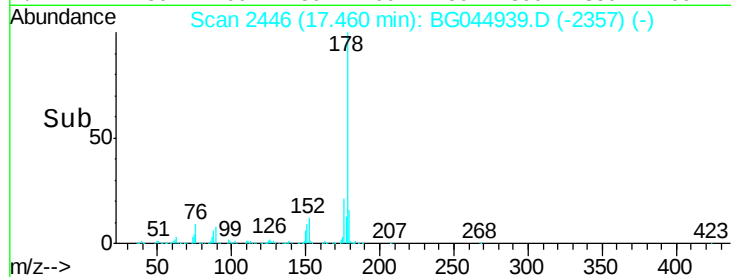
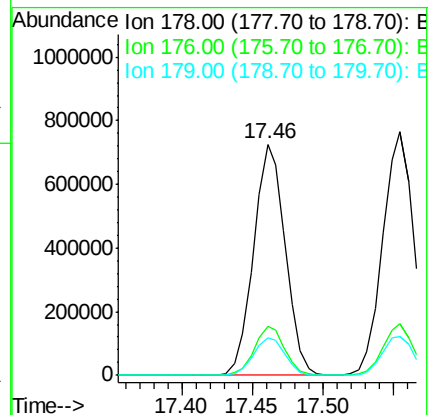
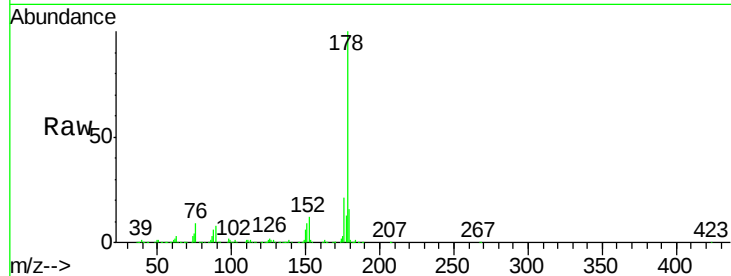
Tgt Ion:178 Resp: 1142678

Ion Ratio Lower Upper

178 100

176 21.0 16.6 24.8

179 16.5 13.5 20.3



#72

Anthracene

Concen: 49.90 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

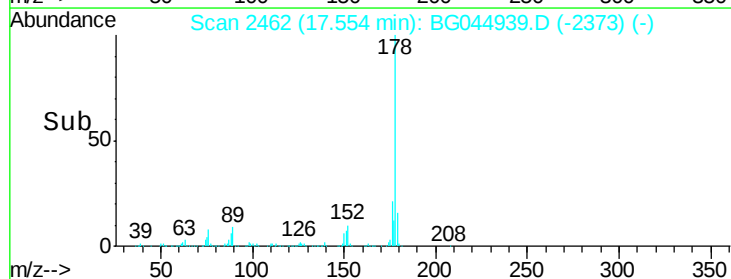
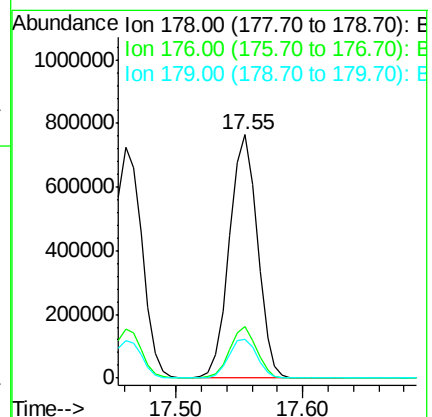
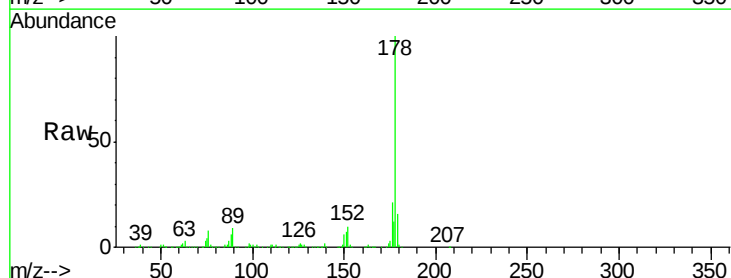
Tgt Ion:178 Resp: 1167334

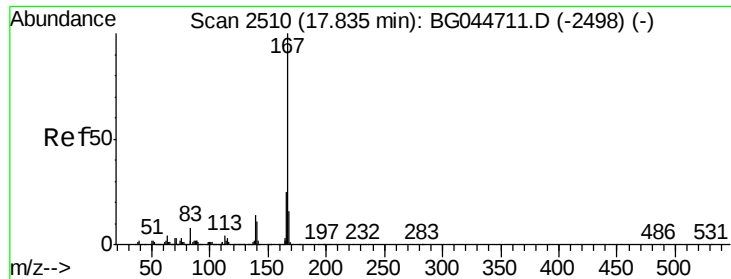
Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

179 15.9 13.2 19.8

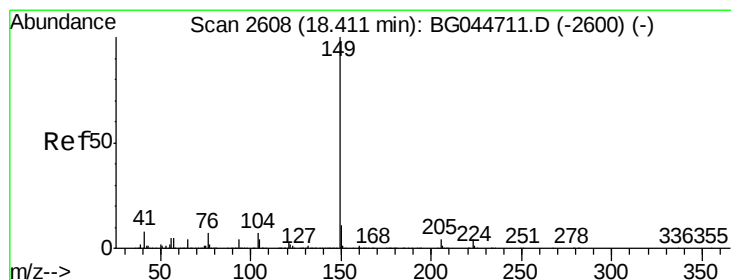
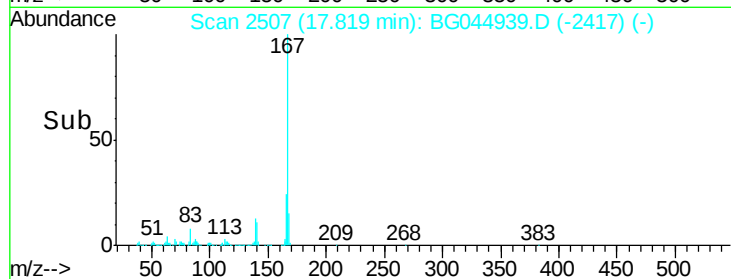
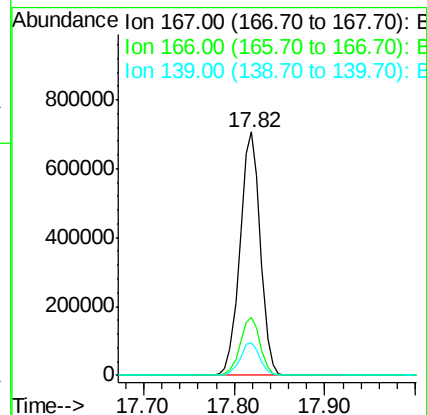
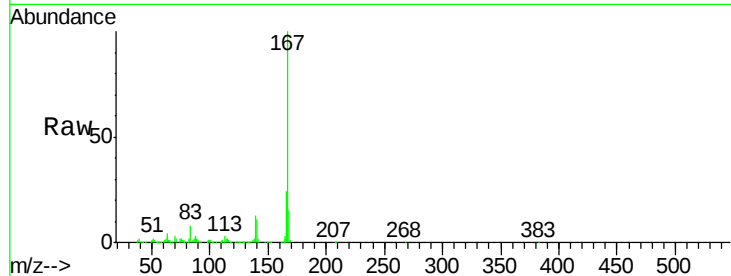




#73
 Carbazole
 Concen: 49.16 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

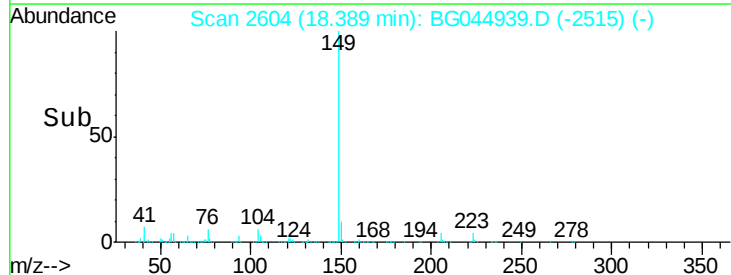
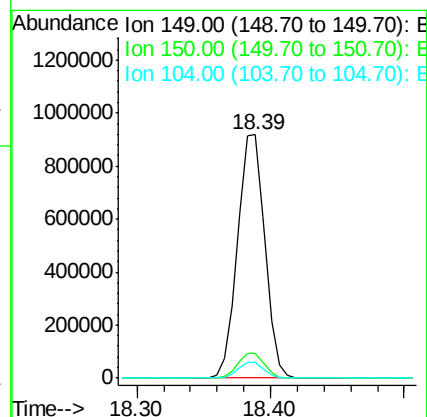
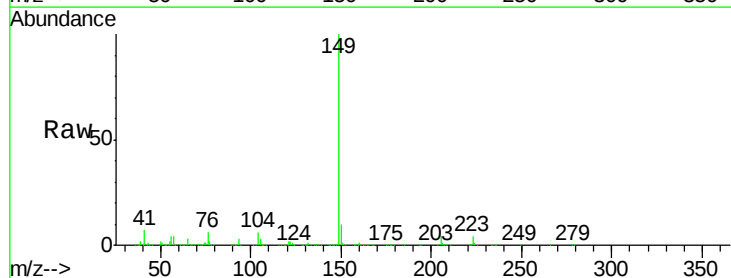
Instrument :
 BNA_G
 ClientSampleId :
 PB127773BS

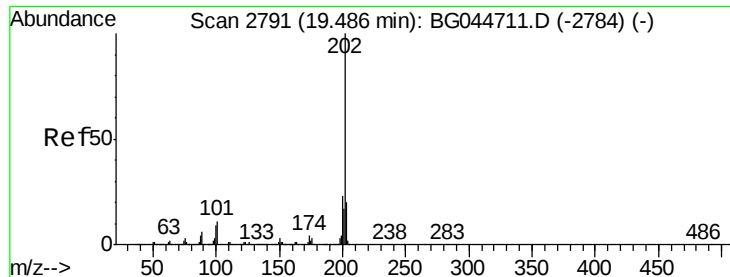
Tgt Ion:167 Resp: 1104644
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.8 28.2
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 47.84 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044939.D
 Acq: 24 Mar 2020 20:46

Tgt Ion:149 Resp: 1306754
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 6.4 5.0 7.4





#75

Fluoranthene

Concen: 52.03 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

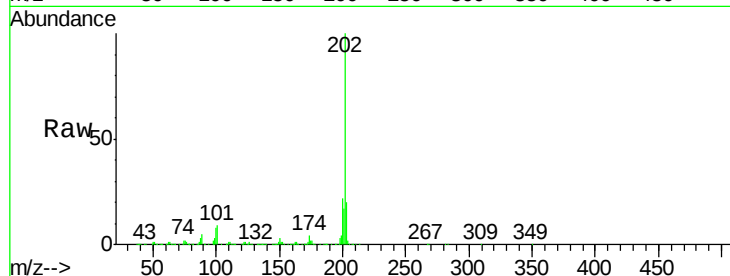
Tgt Ion:202 Resp: 1469679

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.8

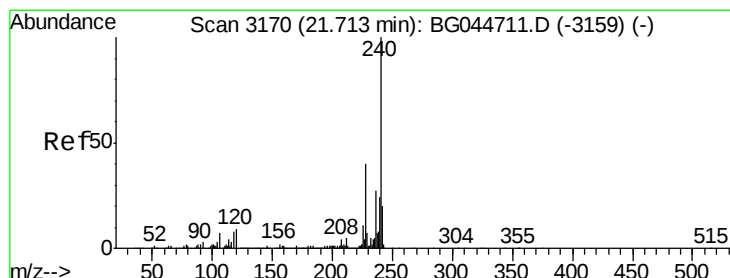
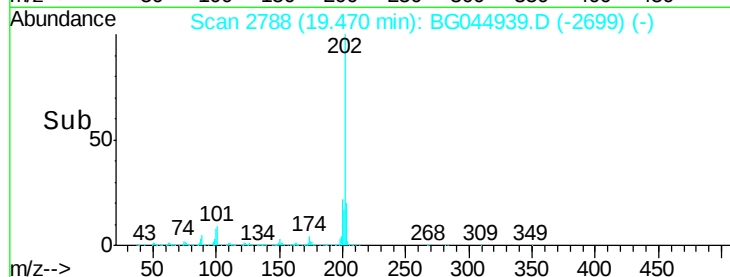
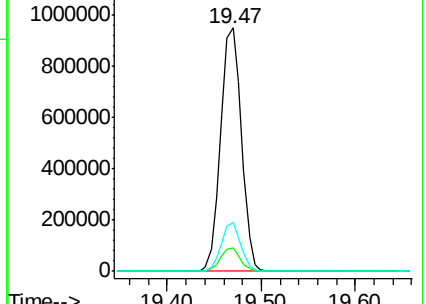
203 19.9 0.0 39.4



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: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

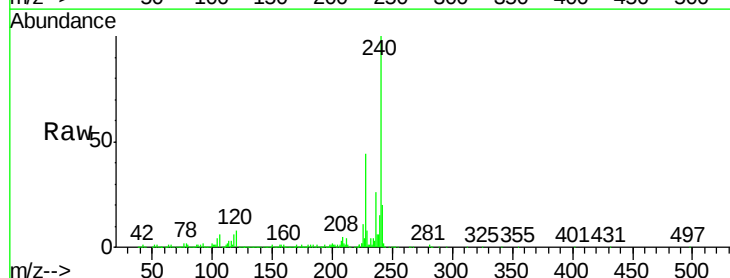
Tgt Ion:240 Resp: 448273

Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

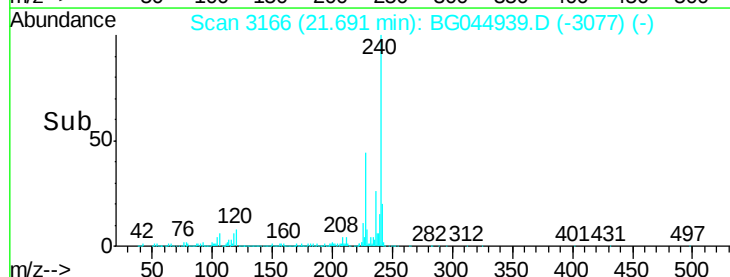
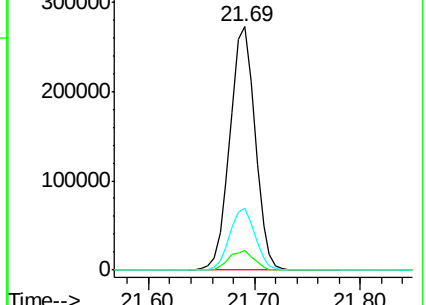
236 25.7 21.5 32.3

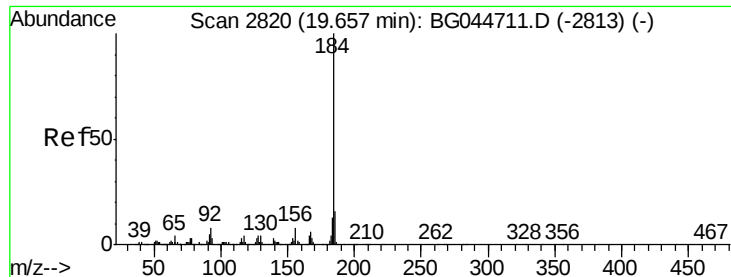


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.33 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

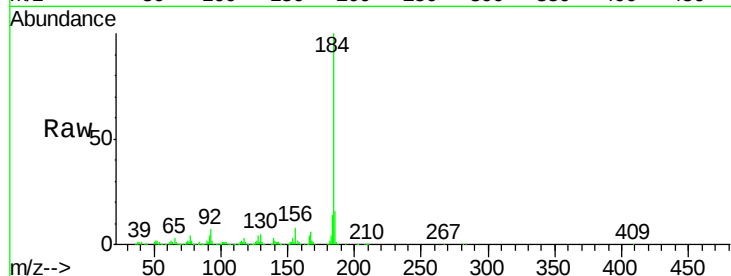
Tgt Ion:184 Resp: 674271

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.4

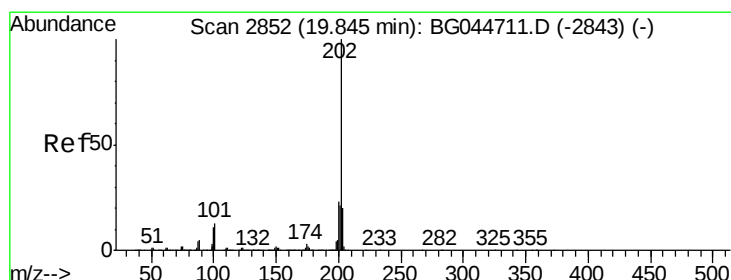
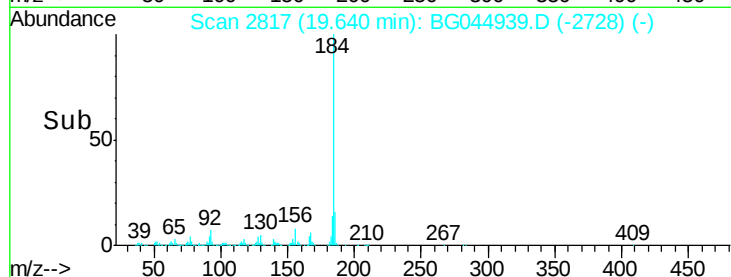
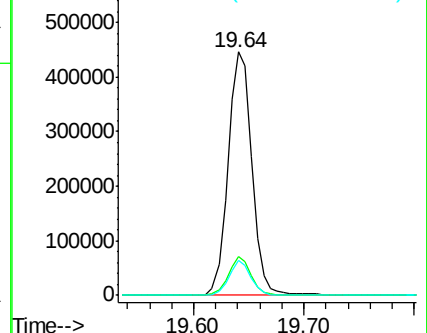
183 14.4 10.7 16.1



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: 44.25 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

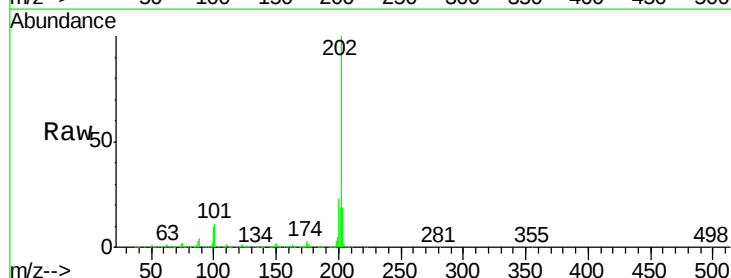
Tgt Ion:202 Resp: 1455343

Ion Ratio Lower Upper

202 100

200 22.8 18.3 27.5

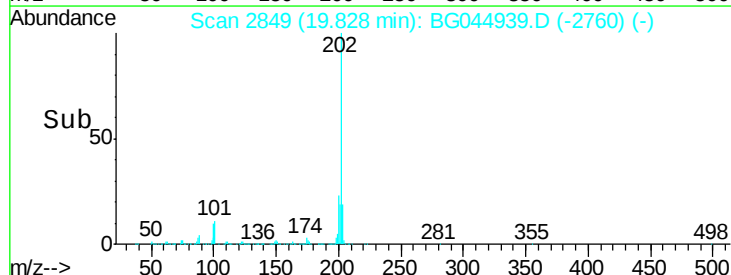
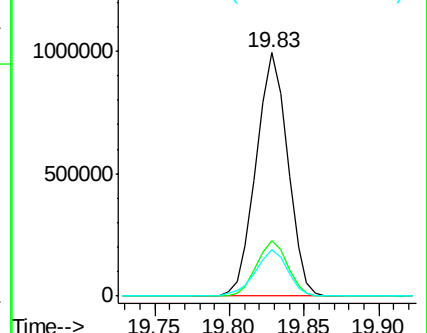
203 19.0 15.6 23.4

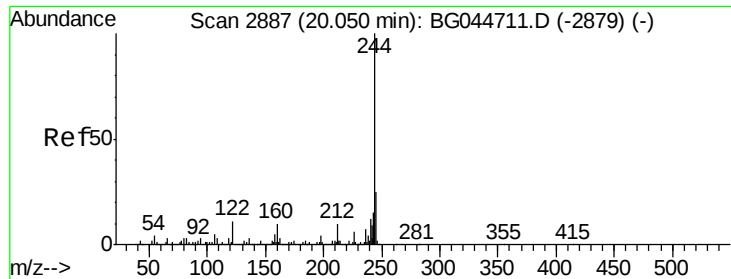


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.43 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

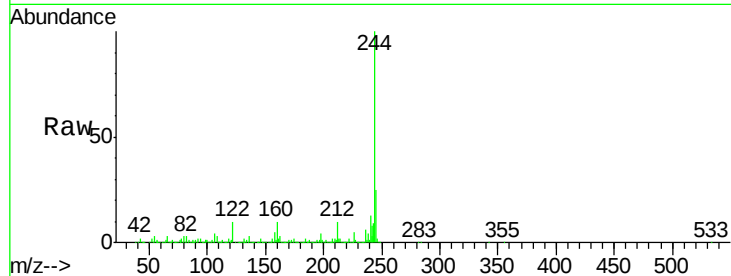
Tgt Ion:244 Resp: 2119222

Ion Ratio Lower Upper

244 100

212 9.9 7.7 11.5

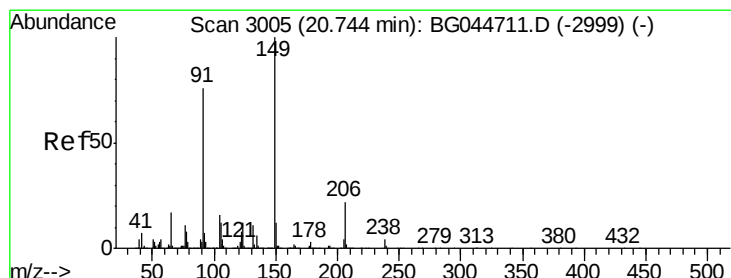
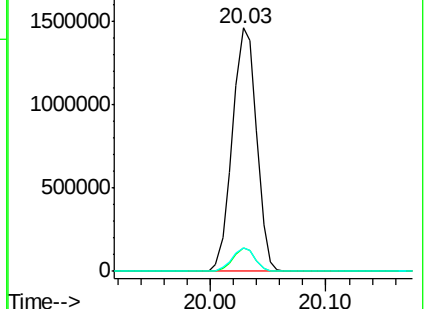
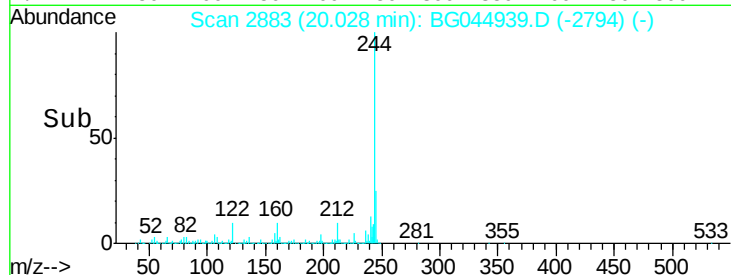
122 9.6 8.6 12.8



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: 42.65 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

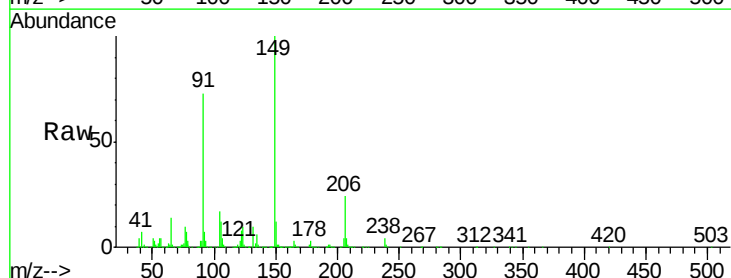
Tgt Ion:149 Resp: 624021

Ion Ratio Lower Upper

149 100

91 72.7 60.2 90.4

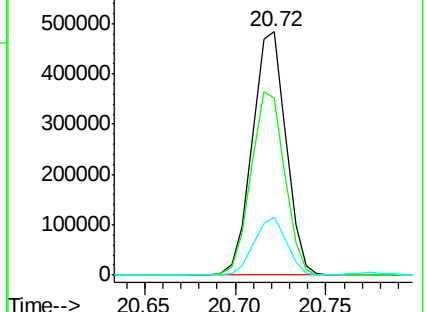
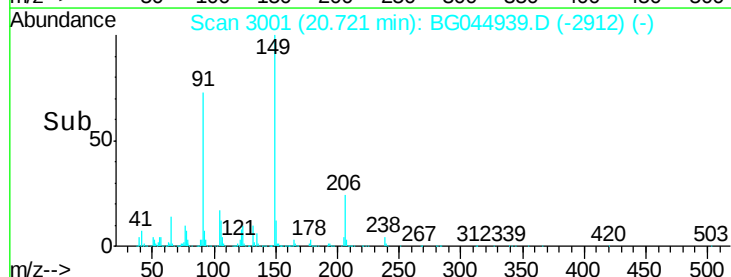
206 24.0 18.6 27.8

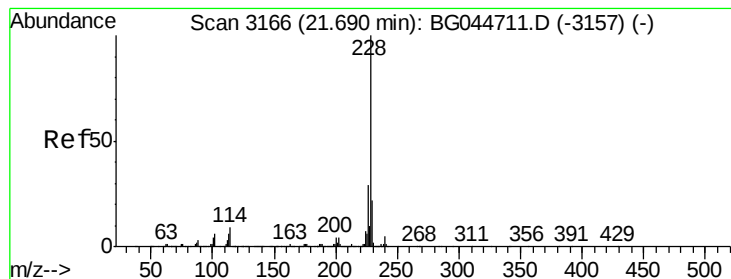


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.45 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

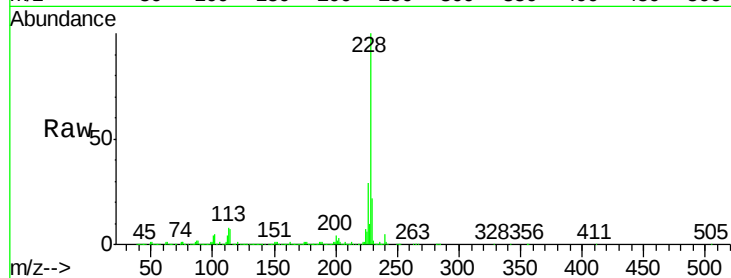
Tgt Ion:228 Resp: 1434873

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

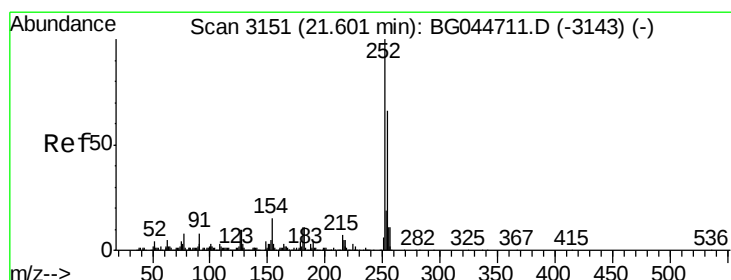
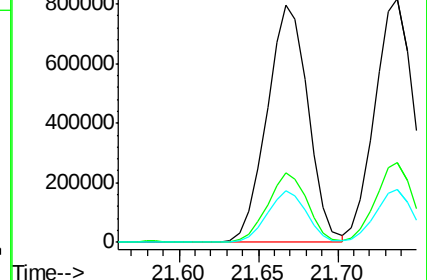
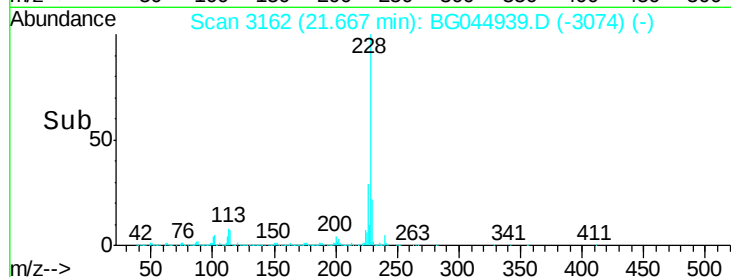
229 21.8 17.1 25.7



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: 27.33 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

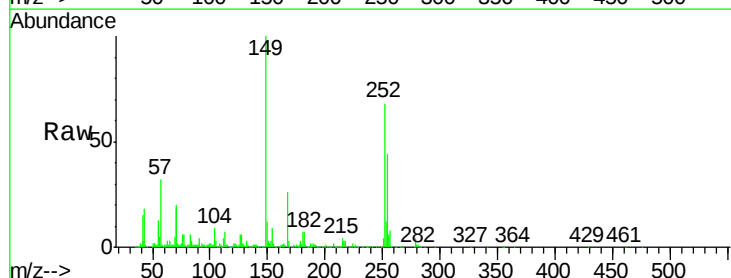
Tgt Ion:252 Resp: 341255

Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

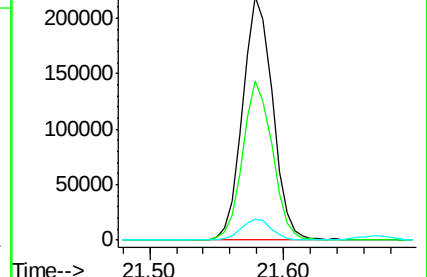
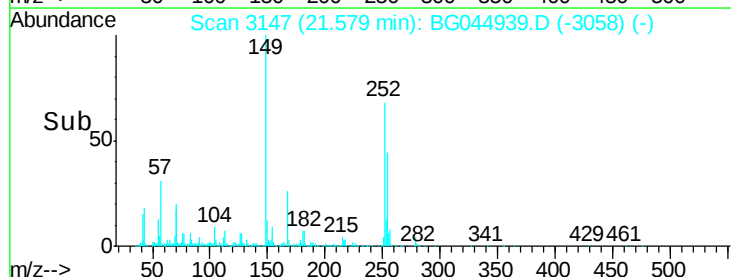
126 8.5 7.0 10.6

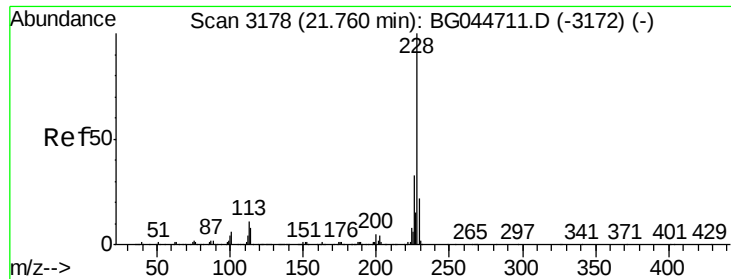


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.22 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

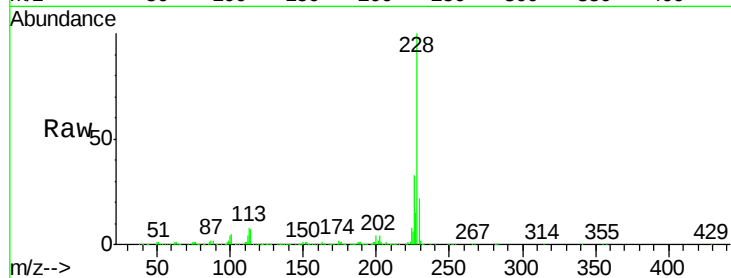
Tgt Ion:228 Resp: 1394286

Ion Ratio Lower Upper

228 100

226 32.6 25.9 38.9

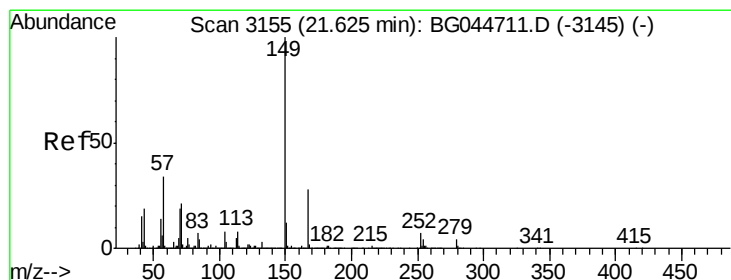
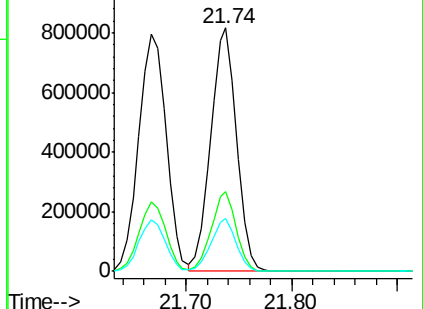
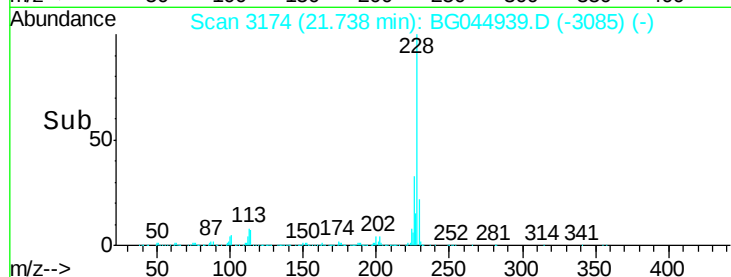
229 21.5 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.81 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

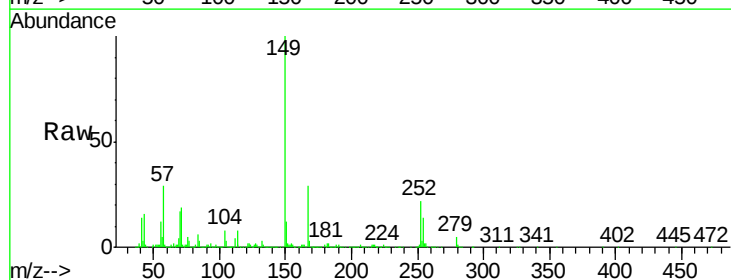
Tgt Ion:149 Resp: 864462

Ion Ratio Lower Upper

149 100

167 29.4 21.8 32.6

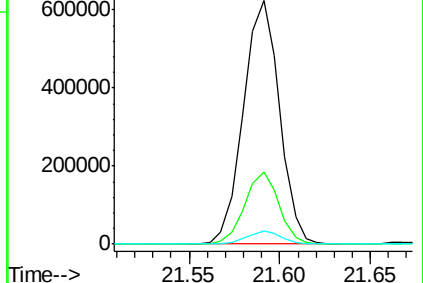
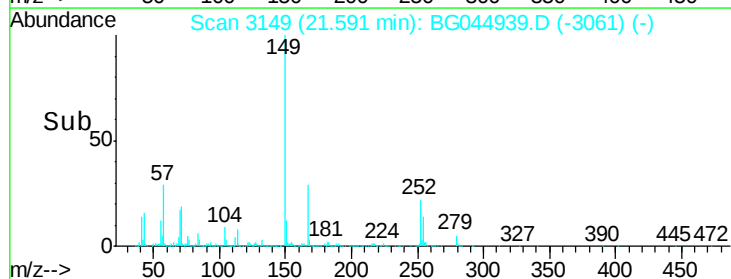
279 5.3 3.8 5.6

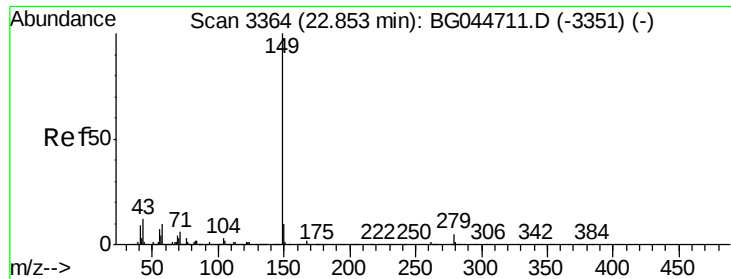


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.75 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

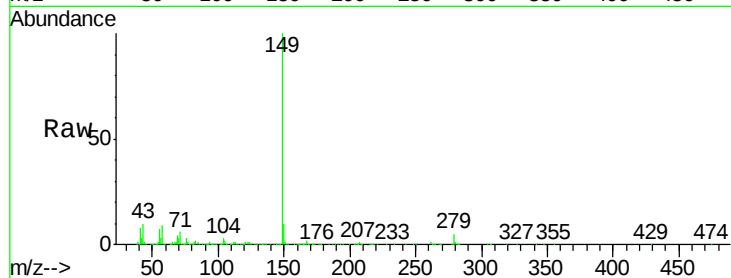
Tgt Ion:149 Resp: 1478357

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

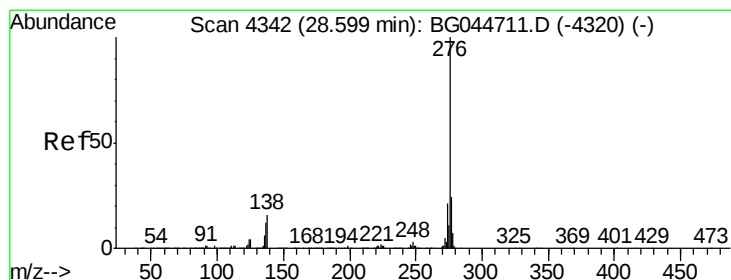
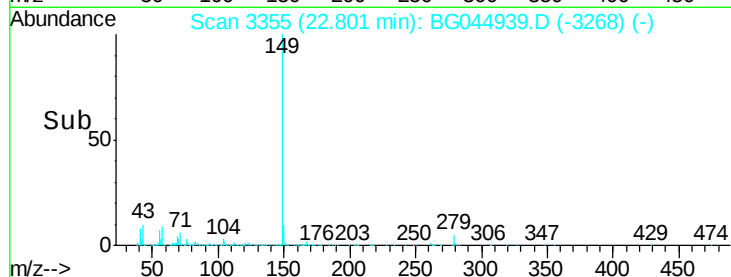
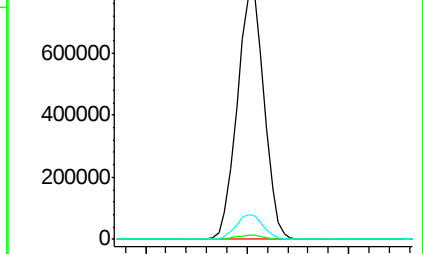
43 10.0 8.2 12.4



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: 46.74 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.03 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

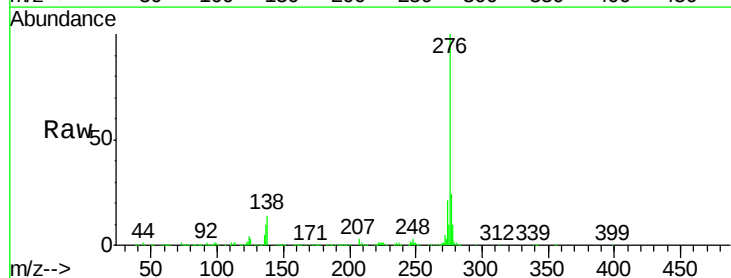
Tgt Ion:276 Resp: 1889272

Ion Ratio Lower Upper

276 100

138 12.1 7.4 11.0#

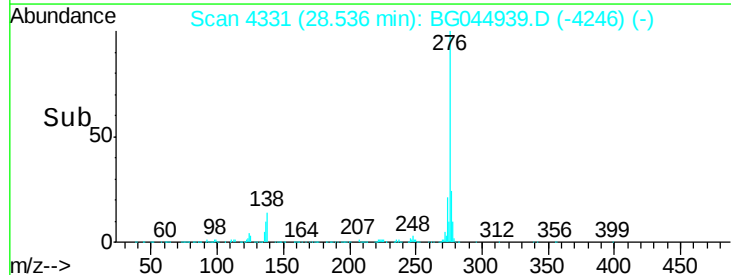
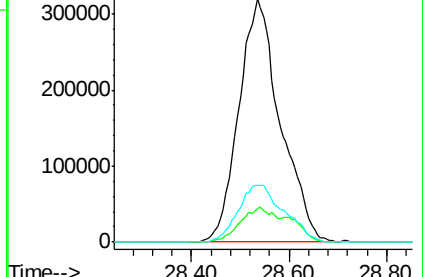
277 25.9 20.8 31.2

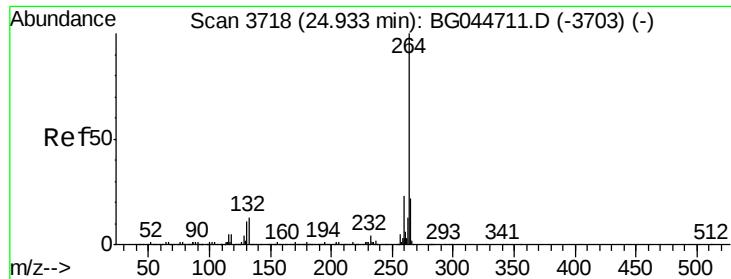


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

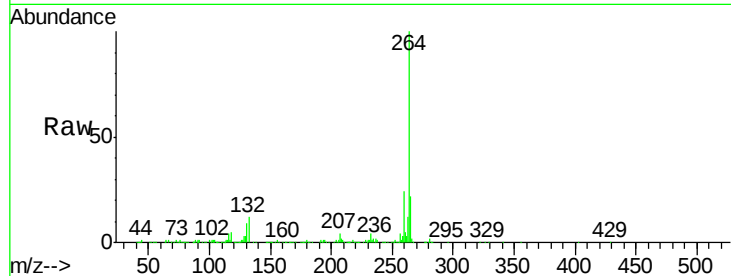
Tgt Ion:264 Resp: 509668

Ion Ratio Lower Upper

264 100

260 23.9 18.1 27.1

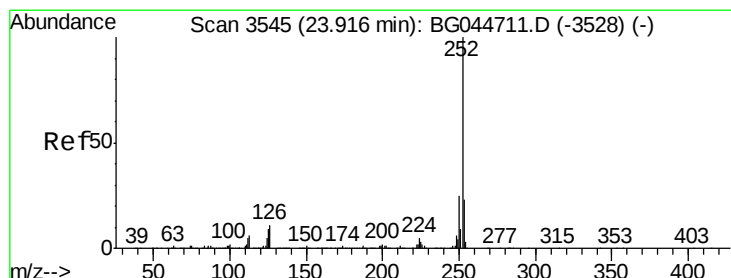
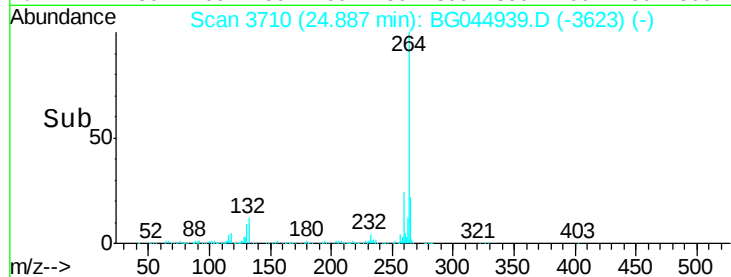
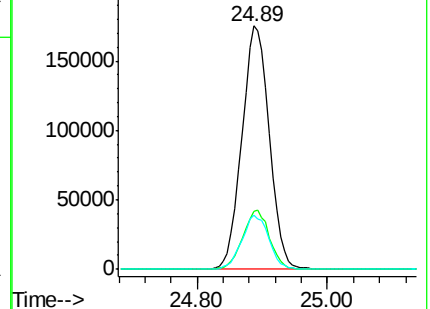
265 22.3 17.1 25.7



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: 47.10 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

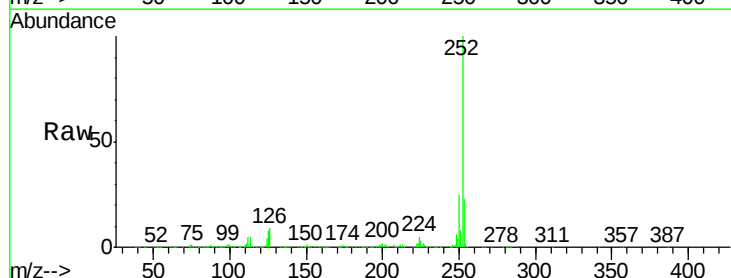
Tgt Ion:252 Resp: 1584701

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

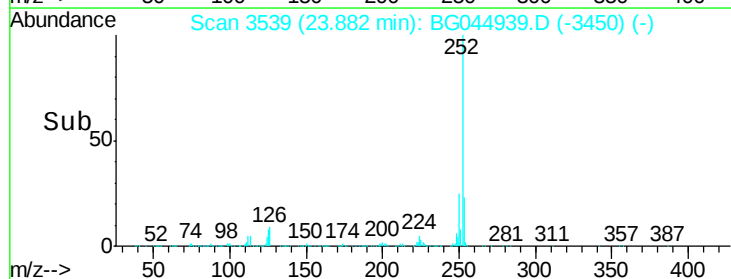
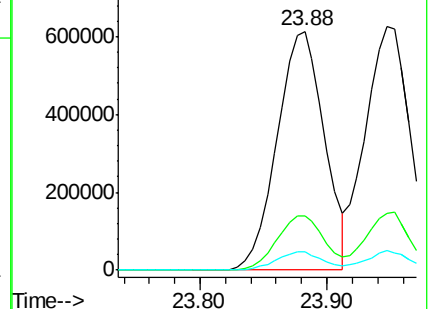
125 7.5 6.6 9.8

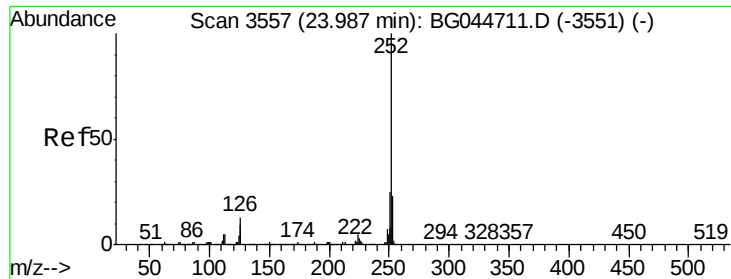


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.31 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

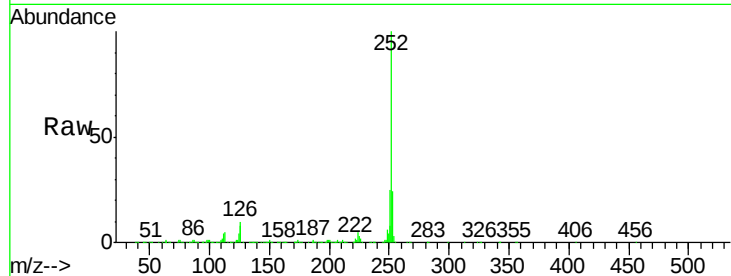
Tgt Ion:252 Resp: 1538276

Ion Ratio Lower Upper

252 100

253 23.5 18.5 27.7

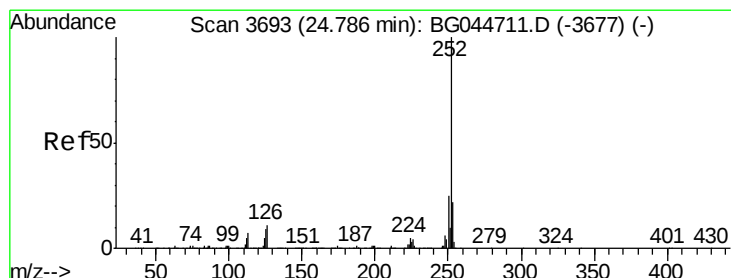
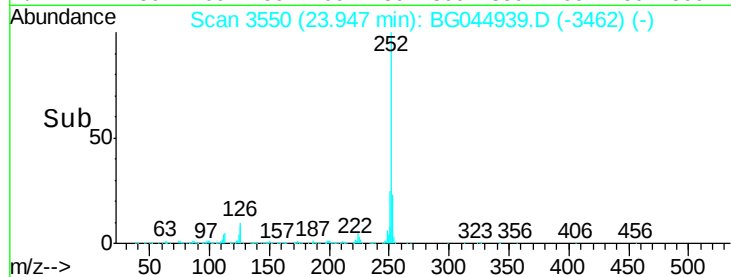
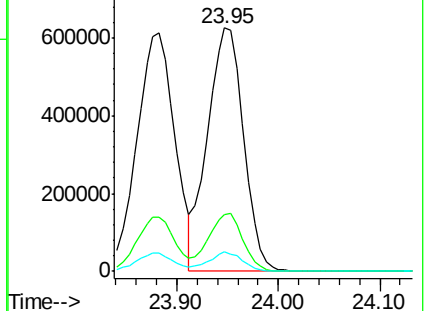
125 8.0 6.2 9.2



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



#90

Benzo(a)pyrene

Concen: 46.88 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

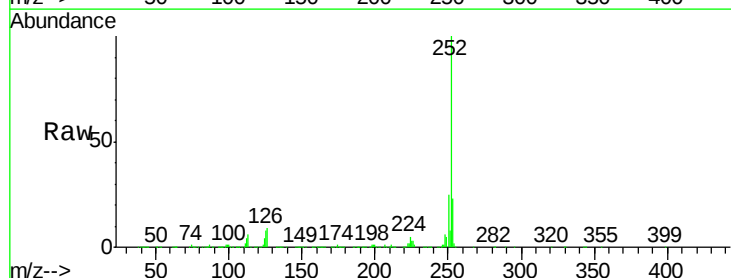
Tgt Ion:252 Resp: 1475851

Ion Ratio Lower Upper

252 100

253 22.6 19.4 29.0

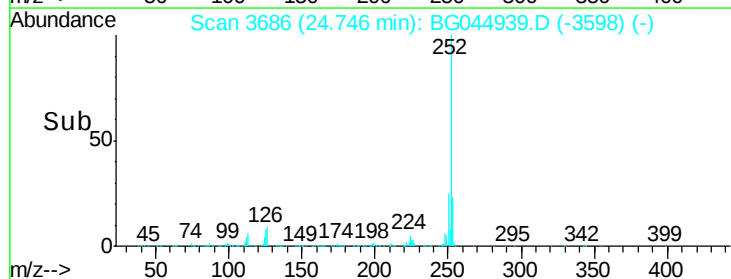
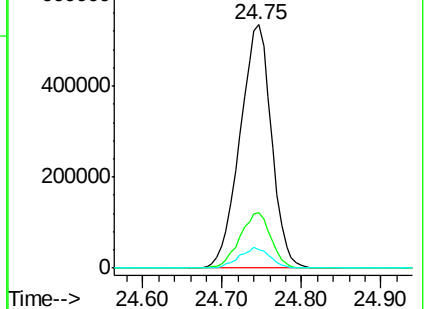
125 7.6 7.2 10.8

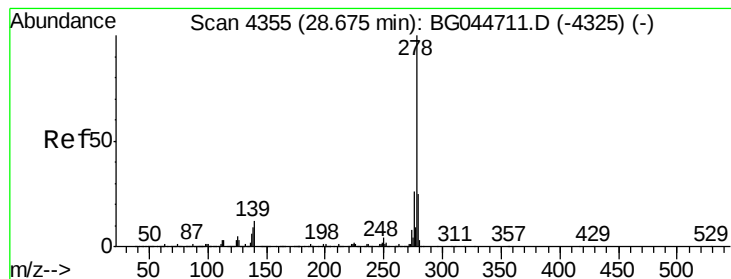


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.96 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Instrument :

BNA_G

ClientSampleId :

PB127773BS

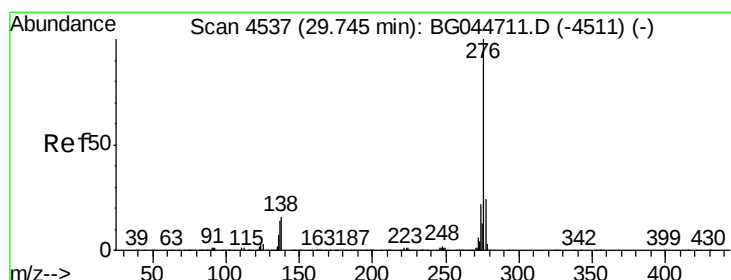
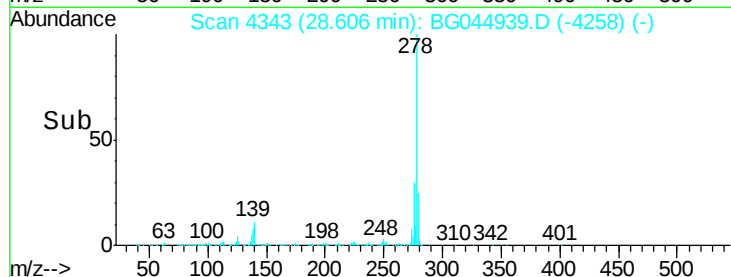
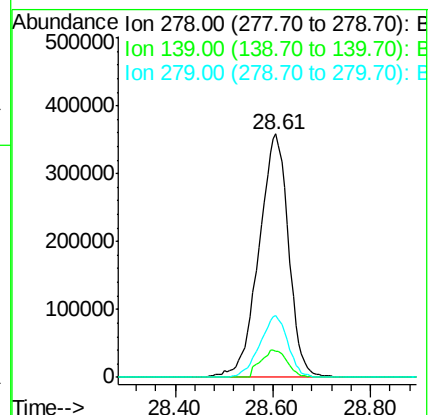
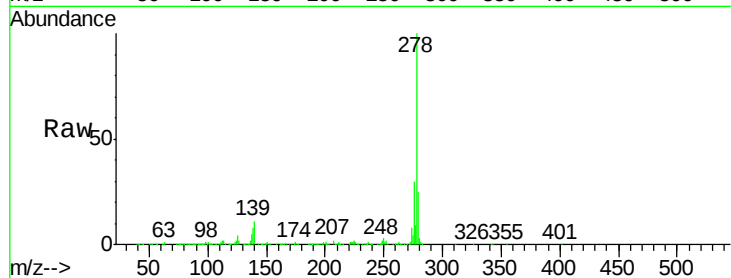
Tgt Ion:278 Resp: 1520718

Ion Ratio Lower Upper

278 100

139 10.6 10.2 15.2

279 25.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.18 ng

RT: 29.68 min Scan# 4525

Delta R.T. -0.03 min

Lab File: BG044939.D

Acq: 24 Mar 2020 20:46

Tgt Ion:276 Resp: 1543449

Ion Ratio Lower Upper

276 100

277 23.4 20.1 30.1

138 14.8 13.0 19.6

