

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045182.D
 Acq On : 27 Apr 2020 17:14
 Operator : CG/JU
 Sample : L2331-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 28 03:44:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61468	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	252687	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201025	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	495383	20.00	ng	0.00
76) Chrysene-d12	21.65	240	448174	20.00	ng	0.00
87) Perylene-d12	24.83	264	463273	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	553574	148.68	ng	0.00
7) Phenol-d6	7.16	99	742946	134.31	ng	0.00
23) Nitrobenzene-d5	9.15	82	557133	100.60	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	482060	155.22	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1339857	97.73	ng	0.00
79) Terphenyl-d14	20.00	244	2332913	113.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	76971	46.518	ng	# 65
3) Pyridine	3.86	79	159966	31.399	ng	99
4) n-Nitrosodimethylamine	3.76	42	80771	51.754	ng	91
6) Aniline	7.31	93	96547	13.424	ng	99
8) 2-Chlorophenol	7.56	128	227177	56.774	ng	98
9) Benzaldehyde	7.13	77	7515	Below Cal		88
10) Phenol	7.19	94	268122	48.437	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	218141	49.496	ng	99
12) 1,3-Dichlorobenzene	7.88	146	241997	51.323	ng	97
13) 1,4-Dichlorobenzene	8.03	146	240573	51.204	ng	96
14) 1,2-Dichlorobenzene	8.35	146	231356	51.471	ng	97
15) Benzyl Alcohol	8.23	79	227512	49.055	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	197336	45.613	ng	93
17) 2-Methylphenol	8.44	107	206258	48.294	ng	97
18) Hexachloroethane	9.08	117	92298	52.256	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	194872	49.813	ng	98
20) 3+4-Methylphenols	8.77	107	284434	47.580	ng	99
22) Acetophenone	8.81	105	354070	51.815	ng	# 98
24) Nitrobenzene	9.19	77	294873	51.946	ng	99
25) Isophorone	9.72	82	574908	50.694	ng	96
26) 2-Nitrophenol	9.91	139	134701	55.089	ng	98
27) 2,4-Dimethylphenol	9.97	122	216916	55.910	ng	94
28) bis(2-Chloroethoxy)methane	10.20	93	305029	51.191	ng	98
29) 2,4-Dichlorophenol	10.45	162	250938	56.014	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	266105	52.464	ng	98
31) Naphthalene	10.85	128	722339	52.256	ng	99
32) Benzoic acid	10.12	122	148941	47.585	ng	99
33) 4-Chloroaniline	10.97	127	14856	2.304	ng	98
34) Hexachlorobutadiene	11.14	225	179904	51.732	ng	99
35) Caprolactam	11.73	113	42730	23.966	ng	91
36) 4-Chloro-3-methylphenol	12.09	107	300909	57.178	ng	99
37) 2-Methylnaphthalene	12.46	142	568606	52.995	ng	95
38) 1-Methylnaphthalene	12.68	142	550950	54.394	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	315395	48.729	ng	98

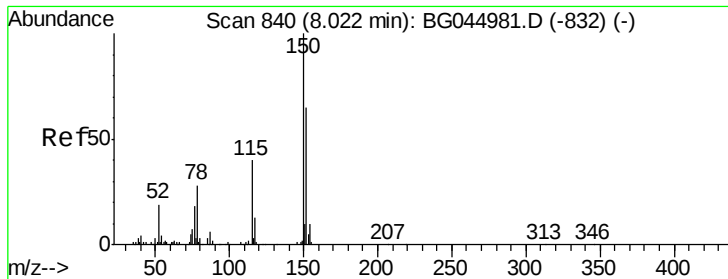
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042720\
 Data File : BG045182.D
 Acq On : 27 Apr 2020 17:14
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	437086	108.045	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	238100	52.123	nq	92
44) 2,4,5-Trichlorophenol	13.15	196	252808	48.620	nq	99
46) 1,1'-Biphenyl	13.47	154	736026	48.171	nq	99
47) 2-Chloronaphthalene	13.51	162	576393	49.370	nq	99
48) 2-Nitroaniline	13.70	65	182568	47.528	nq	96
49) Acenaphthylene	14.36	152	966966	50.848	nq	99
50) Dimethylphthalate	14.09	163	830971	50.767	nq	99
51) 2,6-Dinitrotoluene	14.20	165	190910	52.145	nq	96
52) Acenaphthene	14.70	154	608586	47.299	nq	98
53) 3-Nitroaniline	14.53	138	35420	8.821	nq	82
54) 2,4-Dinitrophenol	14.74	184	252068	115.786	nq	97
55) Dibenzofuran	15.03	168	956293	50.979	nq	96
56) 4-Nitrophenol	14.86	139	273554	87.864	nq	99
57) 2,4-Dinitrotoluene	14.99	165	269344	50.341	nq	98
58) Fluorene	15.68	166	805781	52.589	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	258439	55.860	nq	98
60) Diethylphthalate	15.46	149	864901	50.681	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	449639	50.983	nq	97
62) 4-Nitroaniline	15.70	138	141554	33.988	nq	96
63) Azobenzene	15.97	77	811661	51.587	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	179418	55.101	nq	97
66) n-Nitrosodiphenylamine	15.89	169	631406	44.361	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	315454	49.360	nq	98
68) Hexachlorobenzene	16.69	284	336989	50.843	nq	99
69) Atrazine	16.84	200	148386	26.633	nq	98
70) Pentachlorophenol	17.04	266	417207	102.607	nq	99
71) Phenanthrene	17.42	178	1294781	50.863	nq	99
72) Anthracene	17.52	178	1336279	52.330	nq	99
73) Carbazole	17.78	167	1049898	40.515	nq	98
74) Di-n-butylphthalate	18.35	149	1481103	53.677	nq	99
75) Fluoranthene	19.43	202	1609457	55.187	nq	99
77) Benzidine	19.67	184	3757	Below Cal	#	91
78) Pyrene	19.80	202	1600699	51.807	nq	99
80) Butylbenzylphthalate	20.68	149	651680	50.883	nq	100
81) Benzo(a)anthracene	21.63	228	1480266	50.959	nq	100
82) 3,3'-Dichlorobenzidine	21.55	252	53694	4.644	nq	92
83) Chrysene	21.69	228	1449510	51.935	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	913236	51.846	nq	99
85) Di-n-octyl phthalate	22.75	149	1541044	50.592	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1868398	50.422	nq	99
88) Benzo(b)fluoranthene	23.82	252	1618533	55.775	nq	100
89) Benzo(k)fluoranthene	23.89	252	1582721	57.351	nq	98
90) Benzo(a)pyrene	24.68	252	1444485	52.721	nq	98
91) Dibenzo(a,h)anthracene	28.50	278	1557647	56.420	nq	95
92) Benzo(g,h,i)perylene	29.57	276	1498710	54.147	nq	99

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

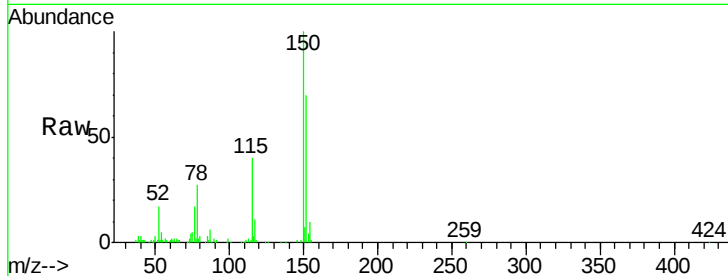


#1

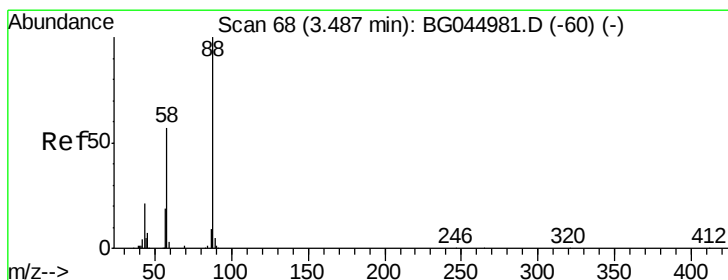
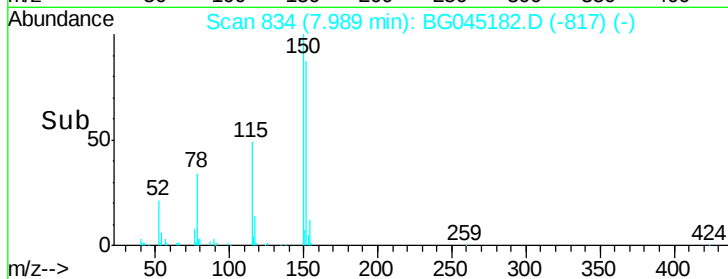
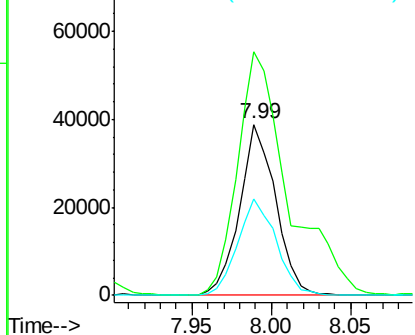
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 61468
 Ion Ratio Lower Upper
 152 100
 150 142.6 123.6 185.4
 115 56.6 49.1 73.7



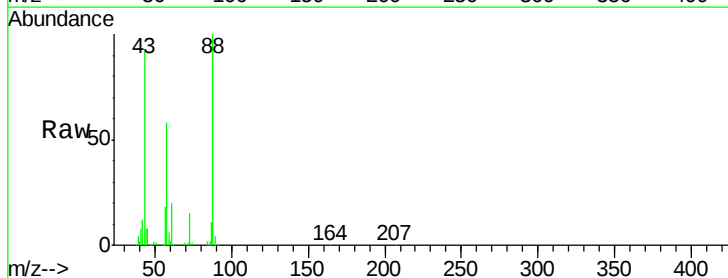
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



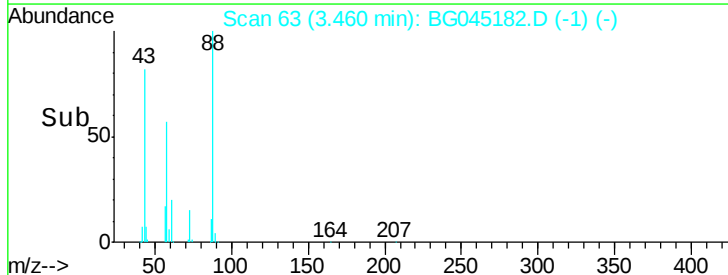
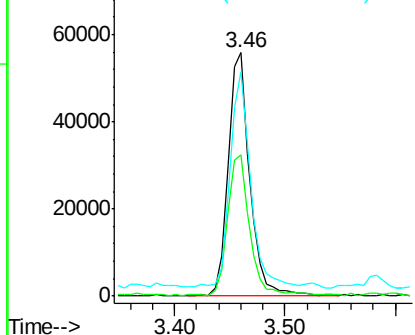
#2

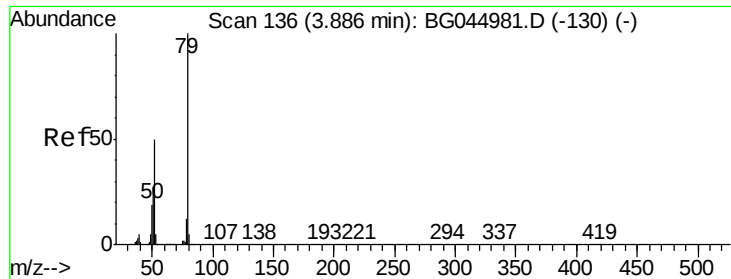
1,4-Dioxane
 Concen: 46.518 ng
 RT: 3.46 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion: 88 Resp: 76971
 Ion Ratio Lower Upper
 88 100
 58 58.2 46.6 69.8
 43 82.4 17.5 26.3#



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





#3

Pvridine

Concen: 31.399 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

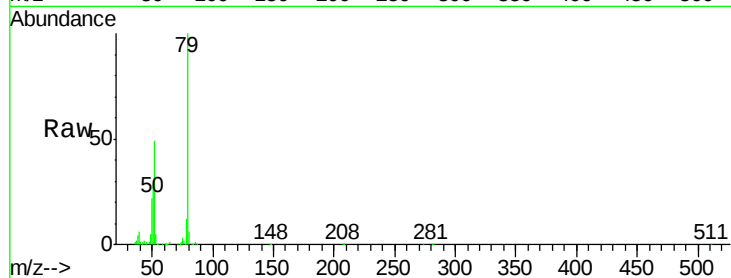
Tot Ion: 79 Resp: 159966

Ion Ratio Lower Upper

79 100

52 48.9 39.8 59.6

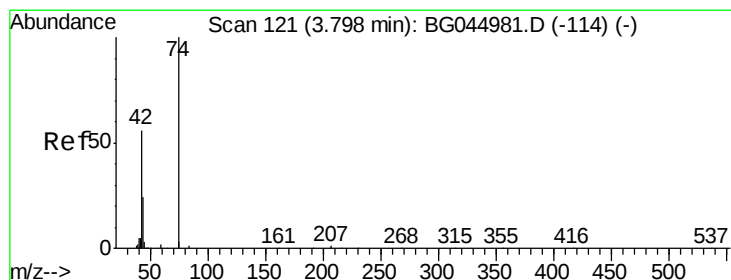
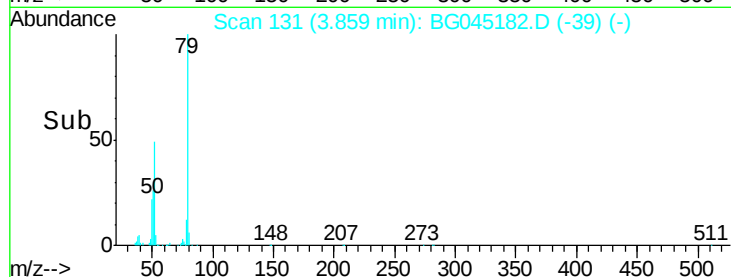
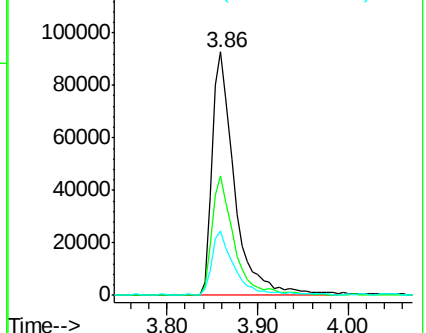
51 26.6 21.4 32.2



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: 51.754 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

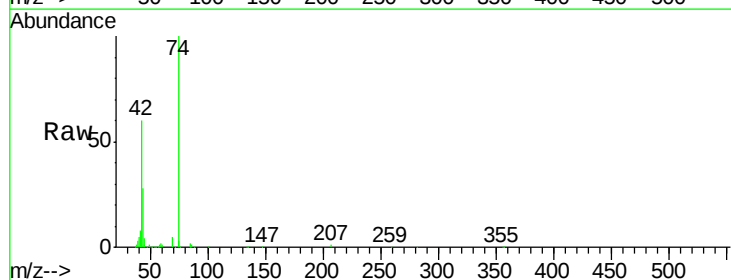
Tgt Ion: 42 Resp: 80771

Ion Ratio Lower Upper

42 100

74 165.7 143.0 214.6

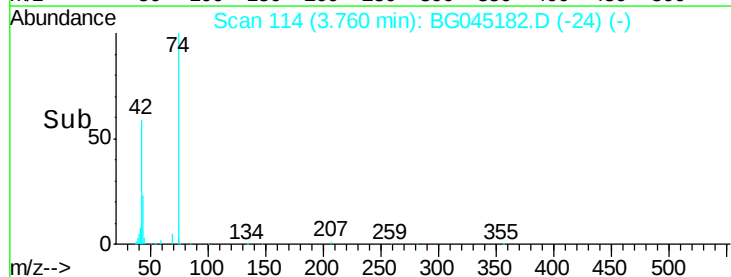
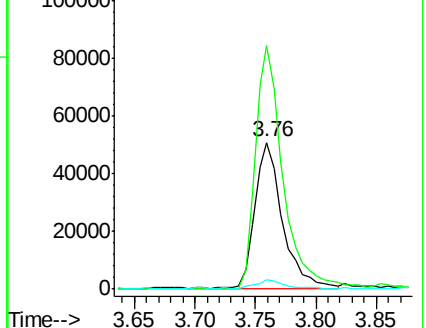
44 6.2 4.6 6.8



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: 148.682 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045182.D

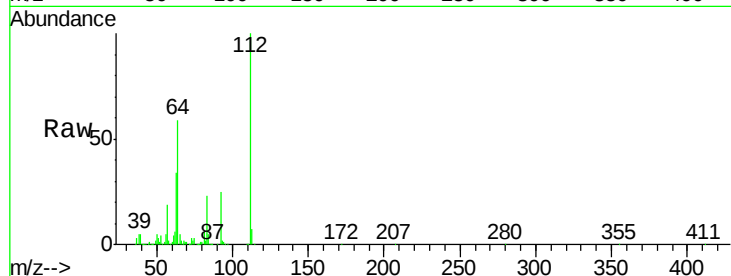
Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

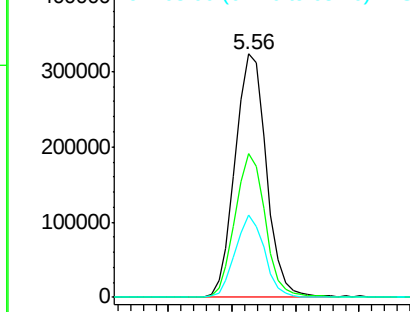
Tot Ion:	112	Resp:	553574
Ion	Ratio	Lower	Upper
112	100		
64	59.1	42.4	63.6
63	33.7	23.1	34.7



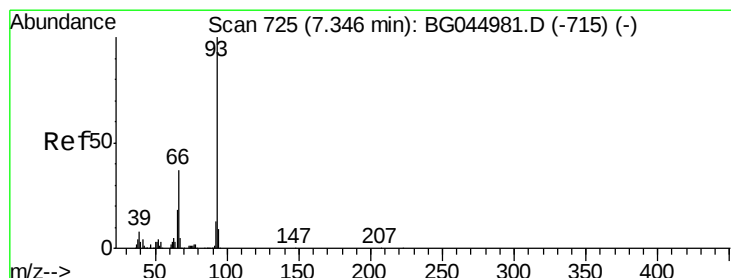
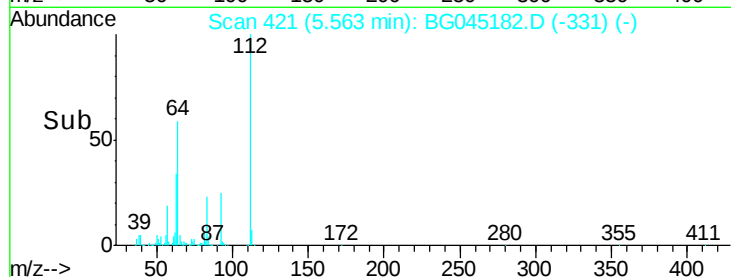
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 13.424 ng

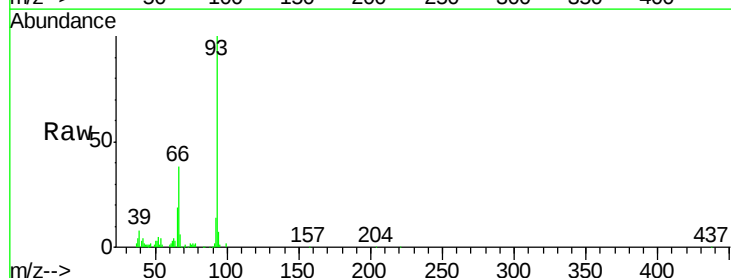
RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

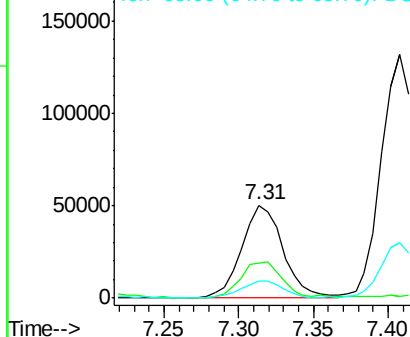
Tgt Ion:	93	Resp:	96547
Ion	Ratio	Lower	Upper
93	100		
66	37.7	29.8	44.8
65	18.6	14.6	22.0



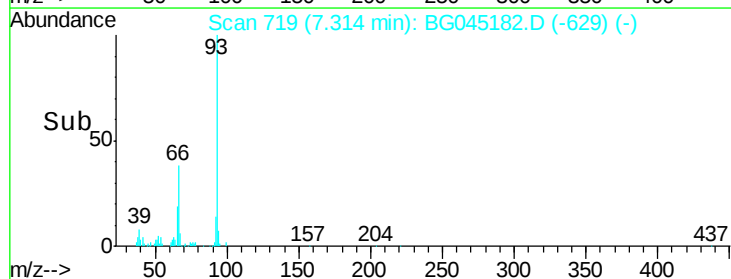
Abundance Ion 93.00 (92.70 to 93.70): BGC

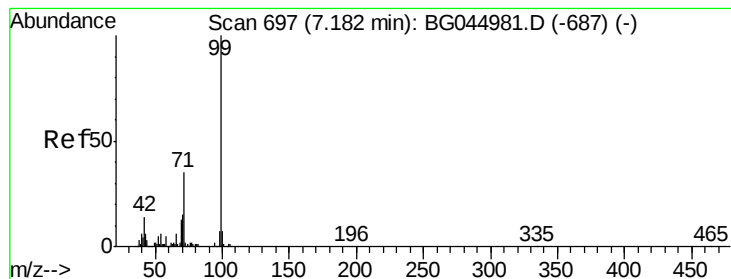
Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 134.306 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

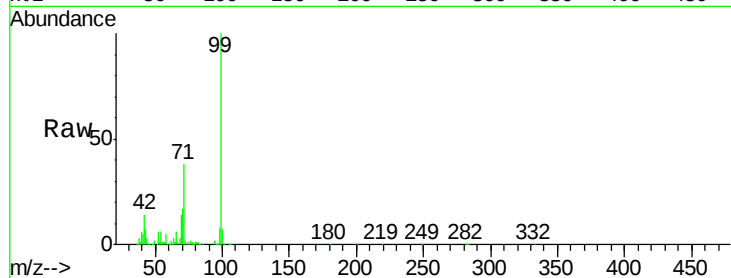
Tot Ion: 99 Resp: 742946

Ion Ratio Lower Upper

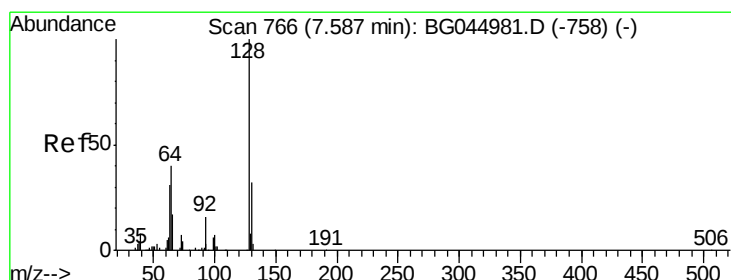
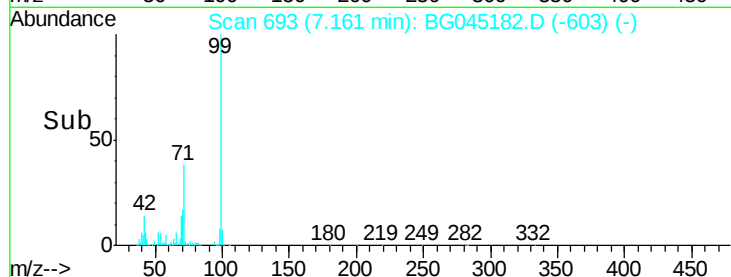
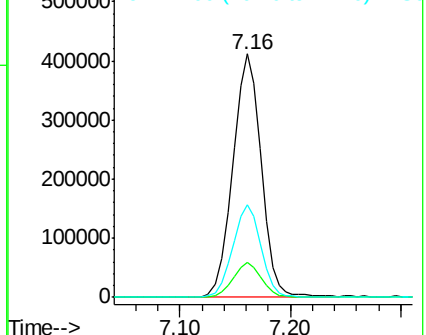
99 100

42 14.4 11.3 16.9

71 38.0 28.3 42.5



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: 56.774 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

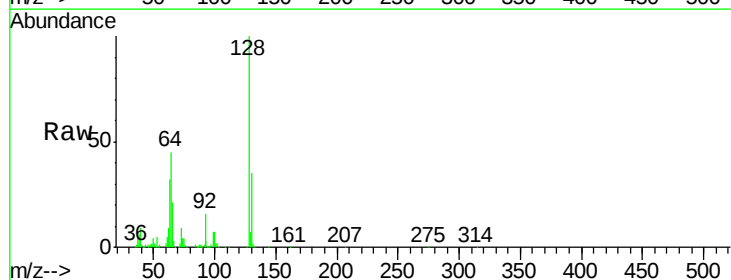
Tgt Ion:128 Resp: 227177

Ion Ratio Lower Upper

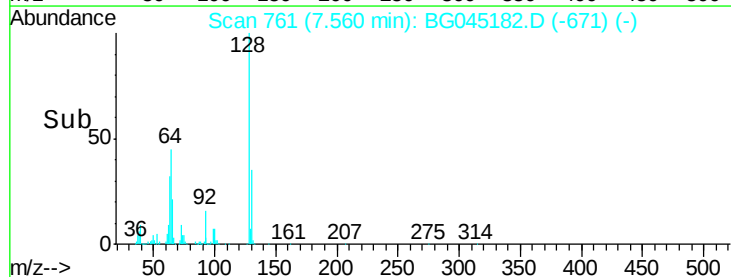
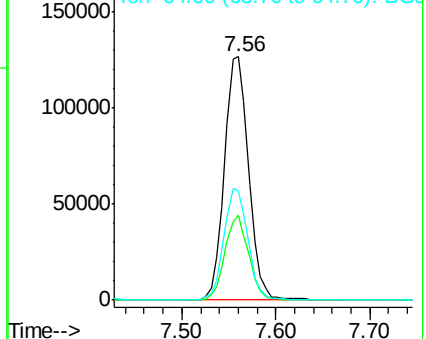
128 100

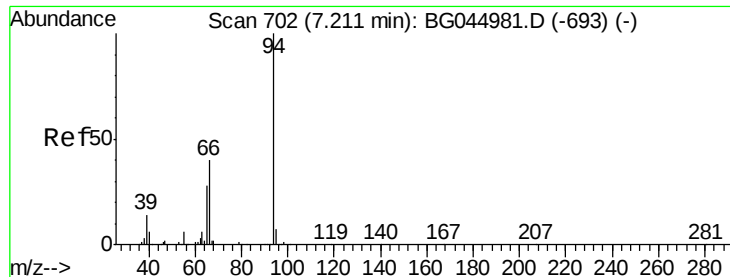
130 34.6 12.3 52.3

64 45.0 24.4 64.4



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





#10

Phenol

Concen: 48.437 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

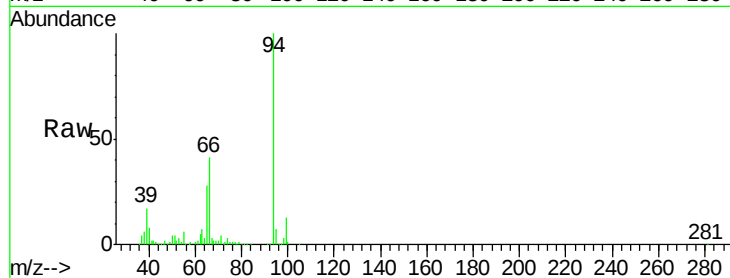
Tot Ion: 94 Resp: 268122

Ion Ratio Lower Upper

94 100

65 27.7 8.2 48.2

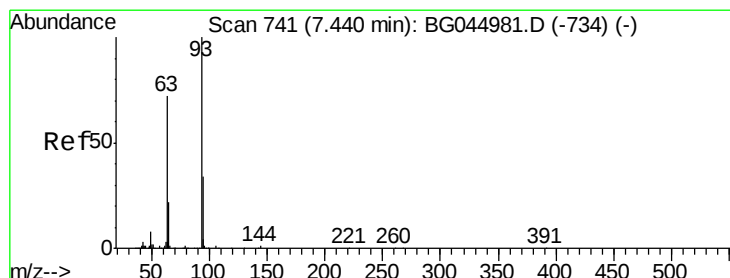
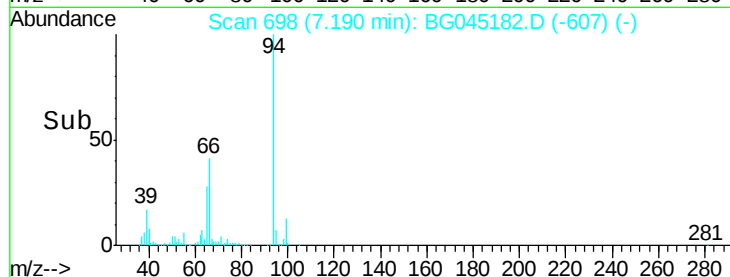
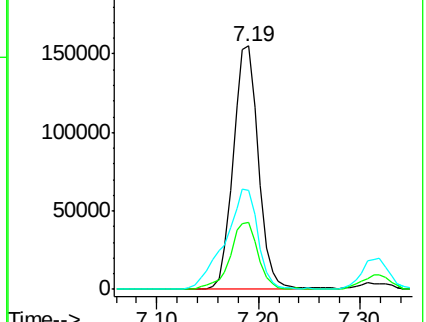
66 40.7 20.4 60.4



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: 49.496 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

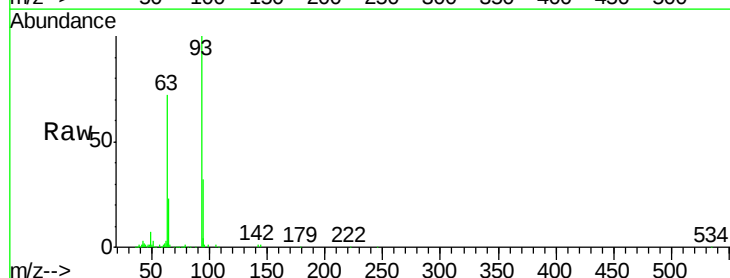
Tgt Ion: 93 Resp: 218141

Ion Ratio Lower Upper

93 100

63 71.7 51.8 91.8

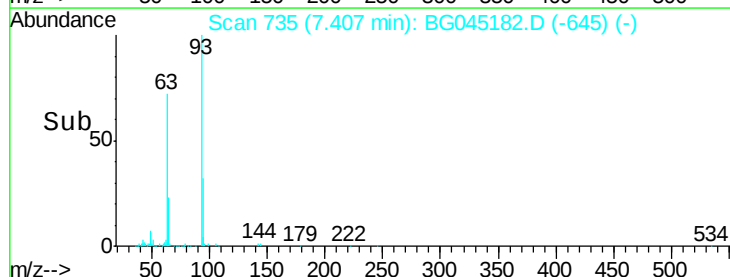
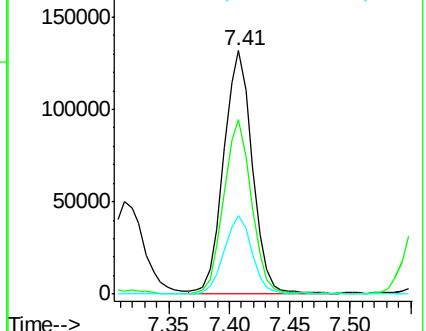
95 32.3 13.8 53.8

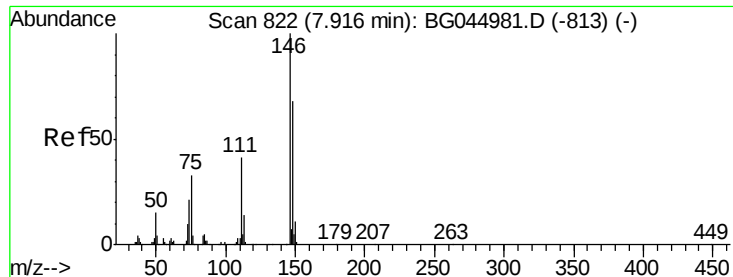


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 51.323 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

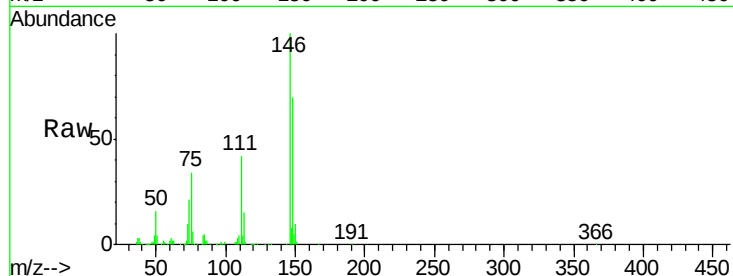
Tot Ion:146 Resp: 241997

Ion Ratio Lower Upper

146 100

148 70.2 54.6 81.8

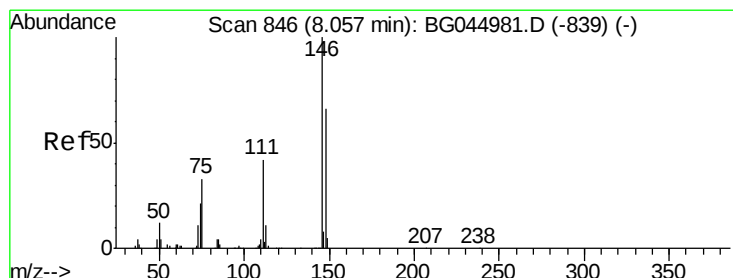
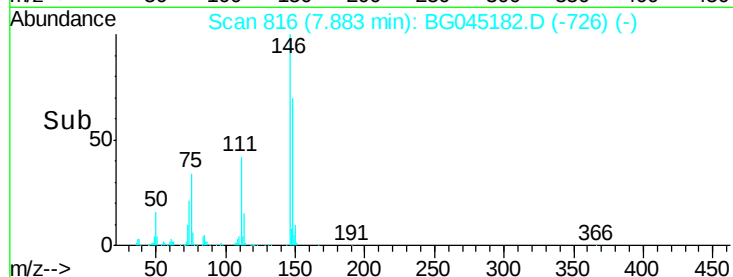
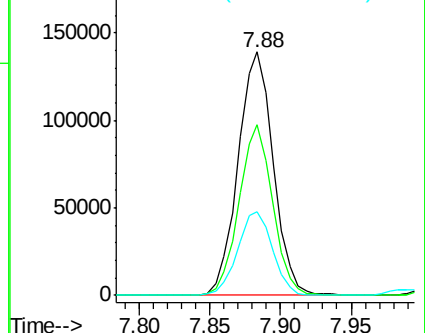
75 34.4 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 51.204 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

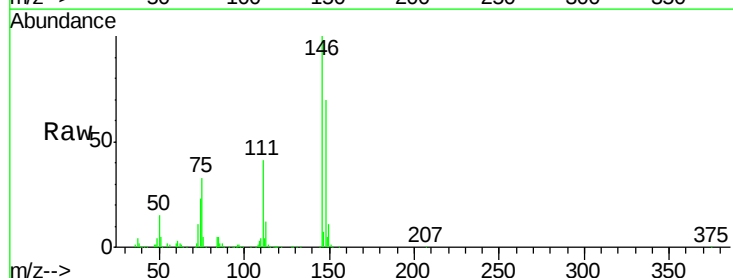
Tgt Ion:146 Resp: 240573

Ion Ratio Lower Upper

146 100

148 70.4 53.3 79.9

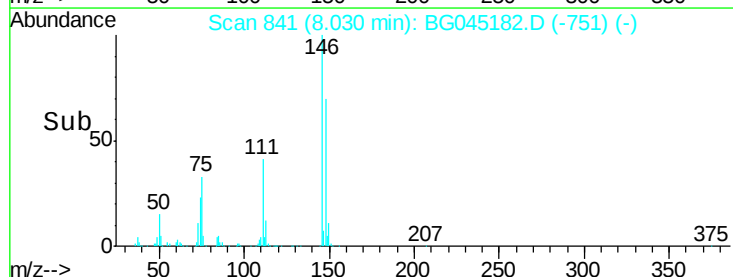
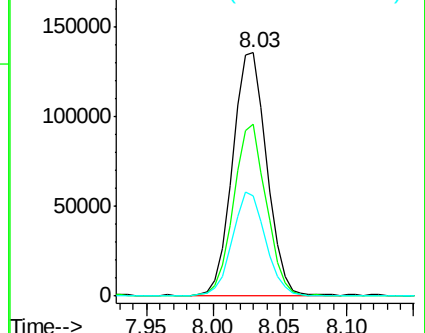
111 41.0 33.8 50.8

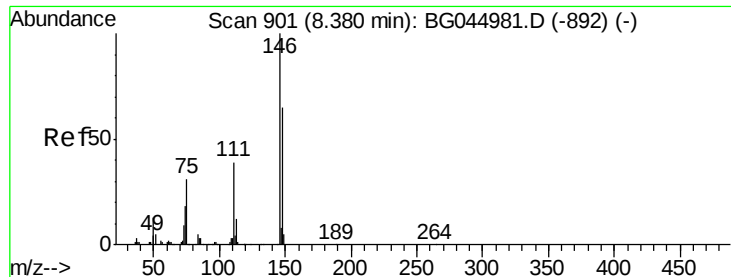


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 51.471 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

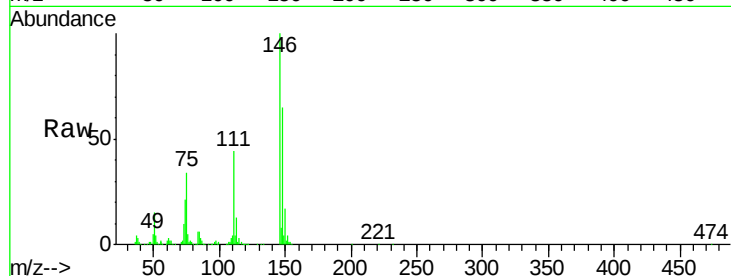
Tot Ion:146 Resp: 231356

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

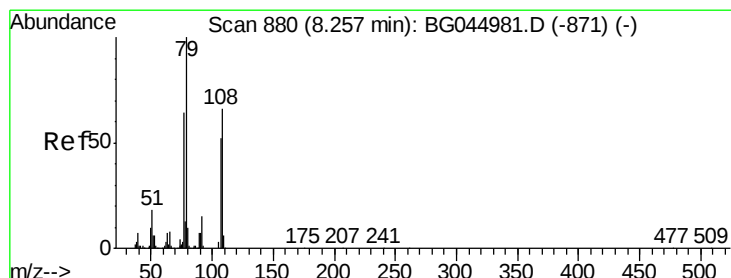
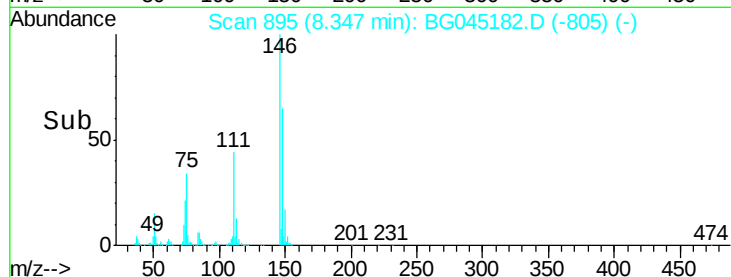
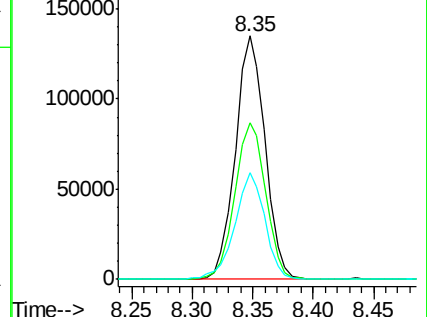
111 43.9 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 49.055 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

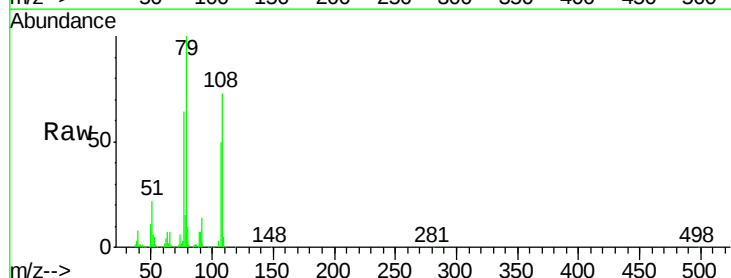
Tgt Ion: 79 Resp: 227512

Ion Ratio Lower Upper

79 100

108 72.8 52.7 79.1

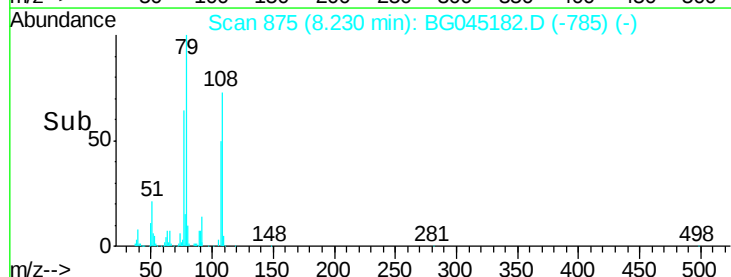
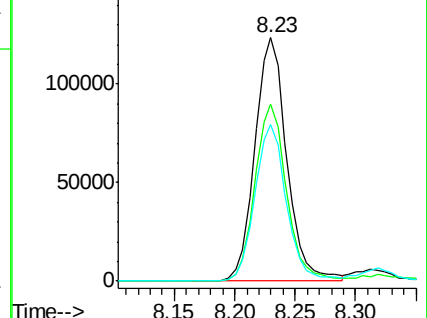
77 64.1 51.3 76.9

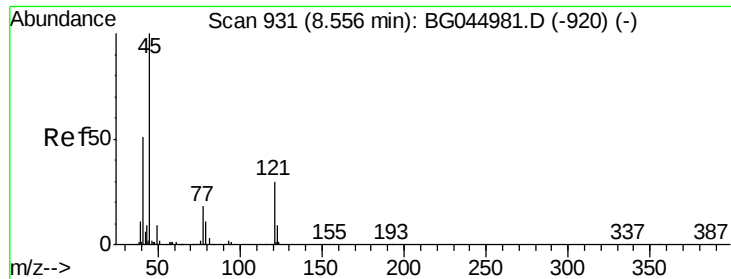


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

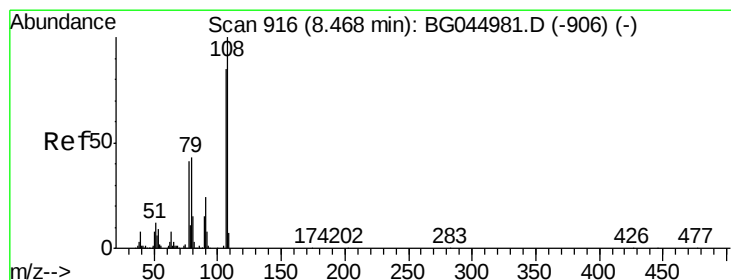
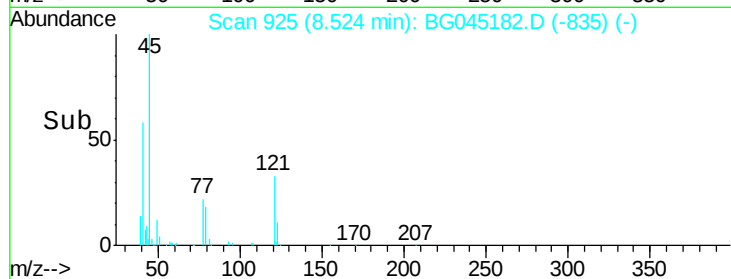
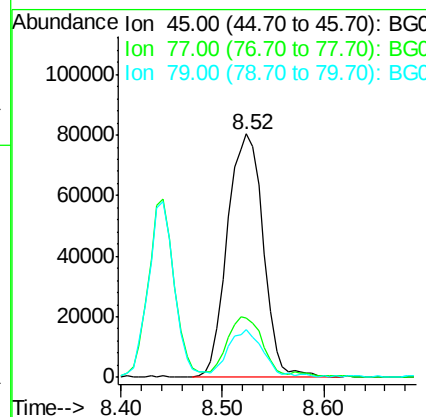
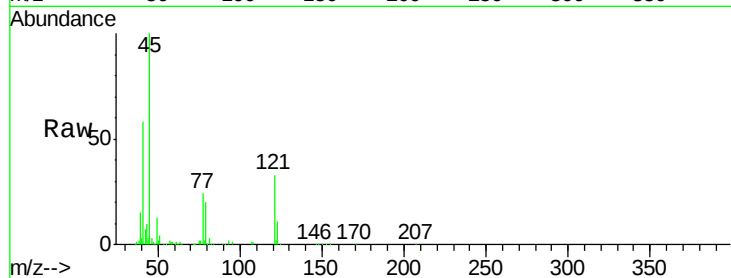




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 45.613 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

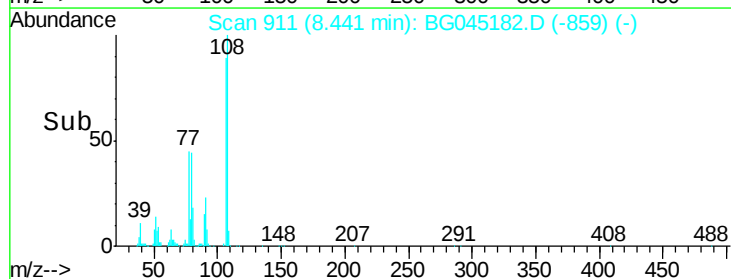
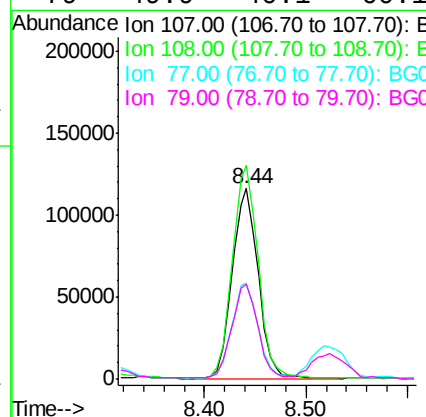
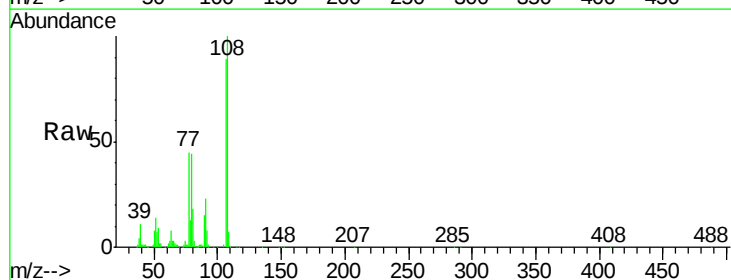
Instrument :
BNA_G
ClientSampleId :

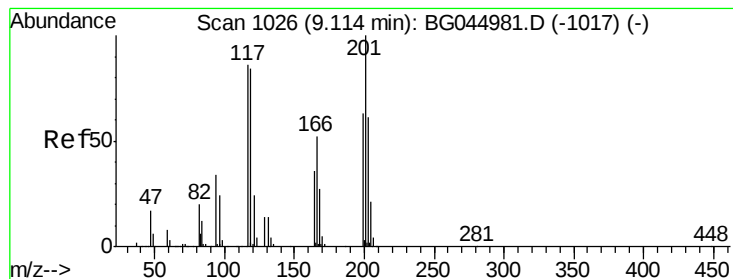
Tot Ion	Ratio	Lower	Upper
45	100		
77	24.3	1.9	41.9
79	19.6	0.0	35.5



#17
2-Methylphenol
Concen: 48.294 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.3	93.8	140.6
77	50.7	38.5	57.7
79	49.9	40.1	60.1





#18

Hexachloroethane

Concen: 52.256 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

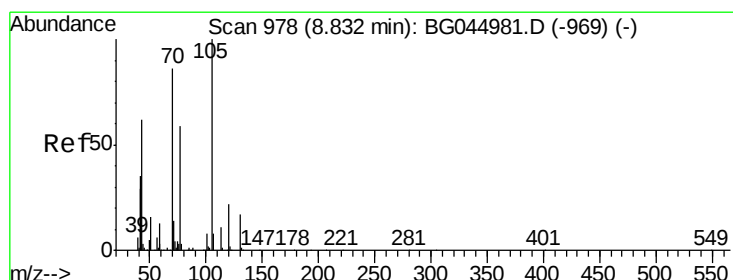
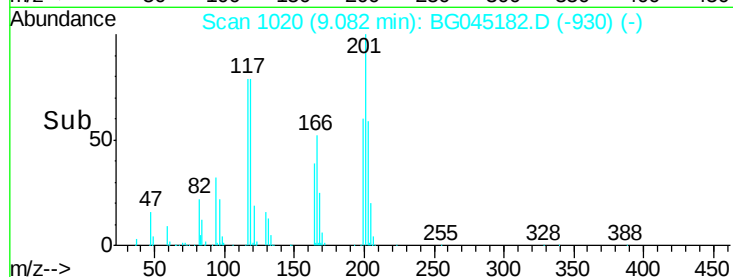
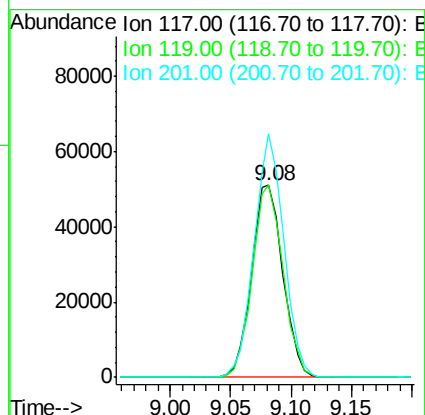
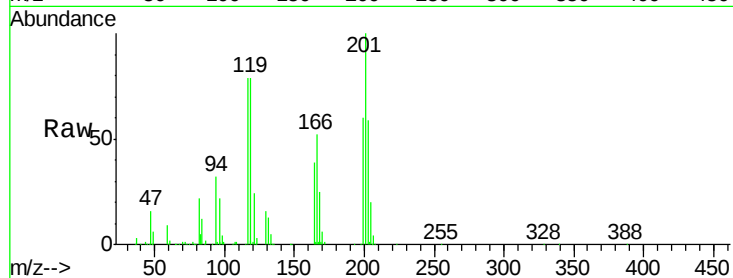
Tot Ion:117 Resp: 92298

Ion Ratio Lower Upper

117 100

119 100.0 78.3 117.5

201 126.8 92.9 139.3



#19

n-Nitroso-di-n-propylamine

Concen: 49.813 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion: 70 Resp: 194872

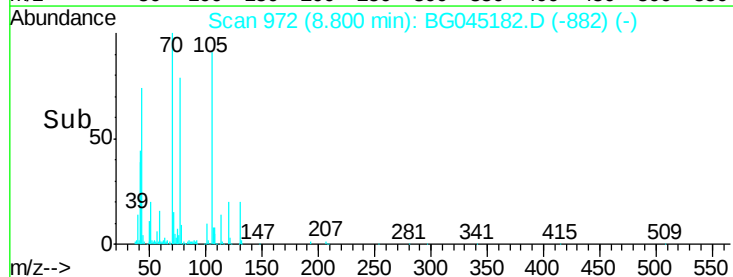
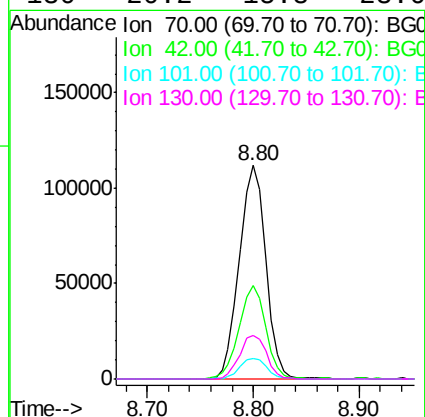
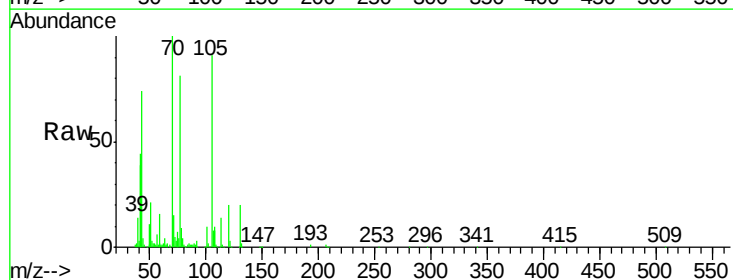
Ion Ratio Lower Upper

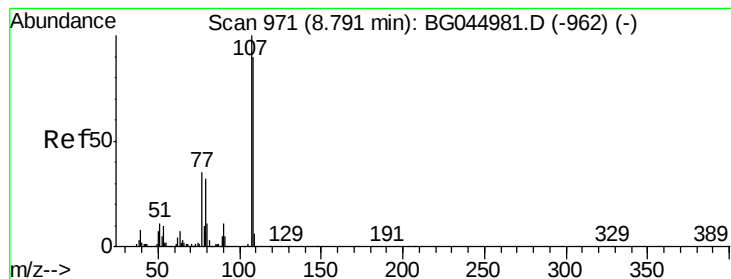
70 100

42 43.8 33.3 49.9

101 9.8 7.8 11.8

130 20.2 15.8 23.6





#20

3+4-Methylphenols

Concen: 47.580 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 284434

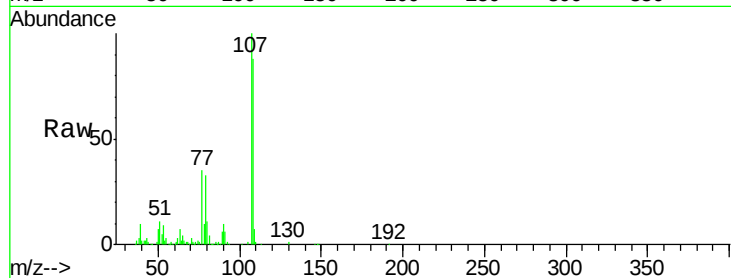
Ion Ratio Lower Upper

107 100

108 88.4 69.9 109.9

77 35.2 15.2 55.2

79 33.1 11.6 51.6

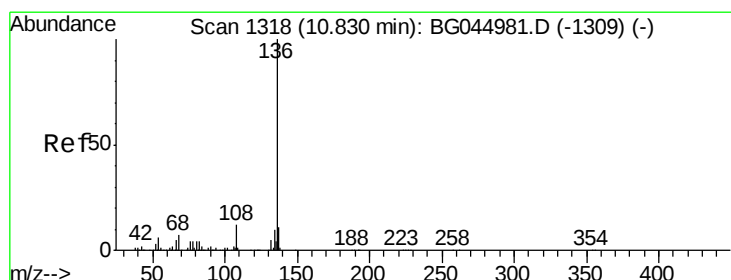
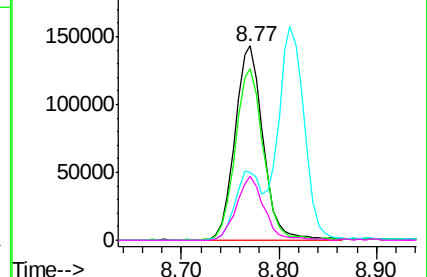
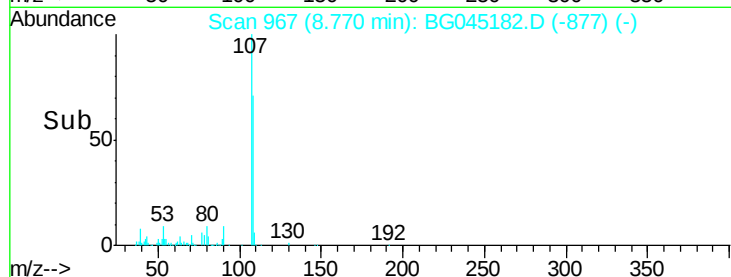


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion:136 Resp: 252687

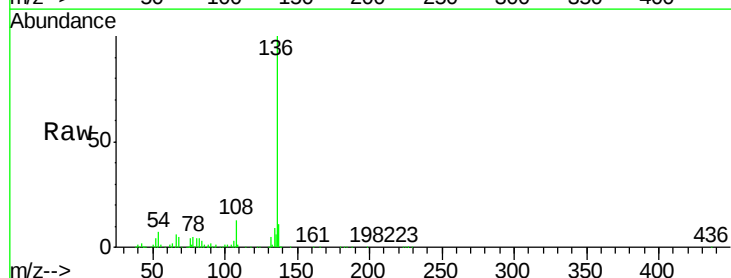
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 6.7 4.8 7.2

68 5.4 5.2 7.8

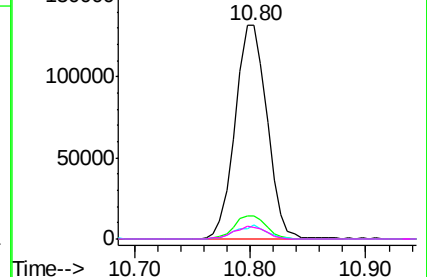
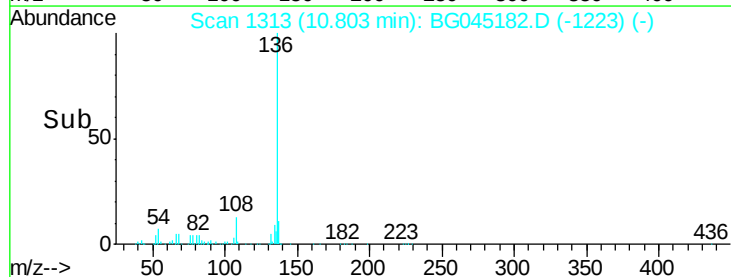


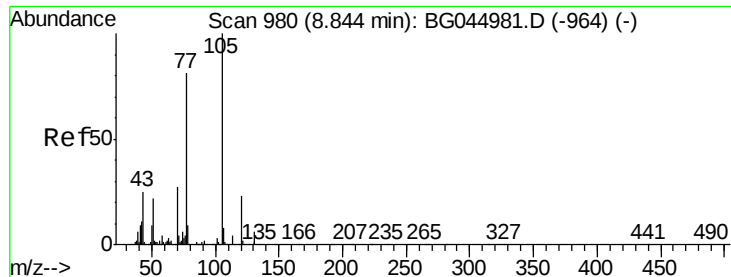
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 51.815 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 354070

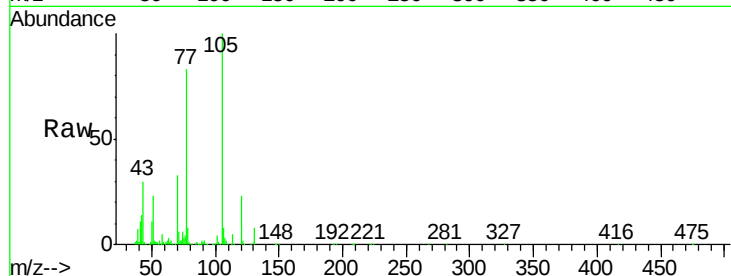
Ion Ratio Lower Upper

105 100

71 6.3 3.3 4.9#

51 22.9 17.3 25.9

120 23.2 18.4 27.6

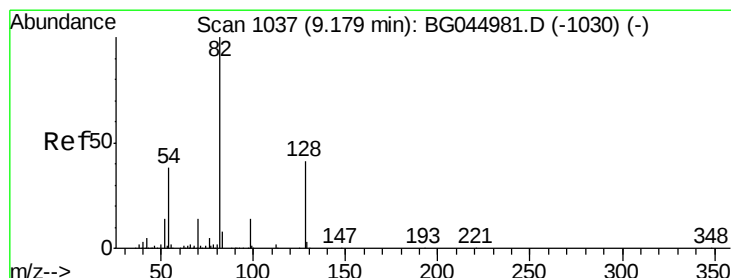
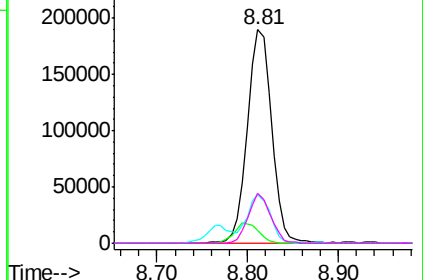
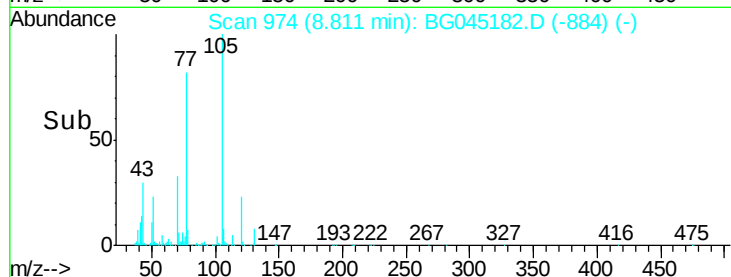


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 100.604 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

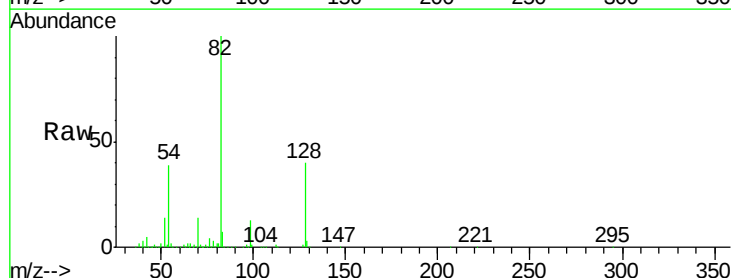
Tgt Ion: 82 Resp: 557133

Ion Ratio Lower Upper

82 100

128 39.8 33.0 49.4

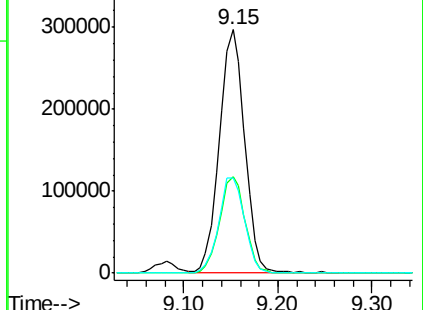
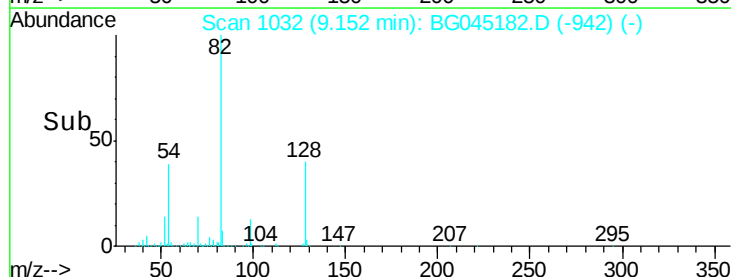
54 39.2 30.4 45.6

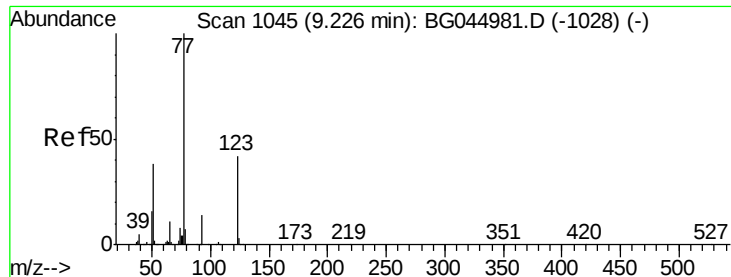


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 51.946 ng

RT: 9.19 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

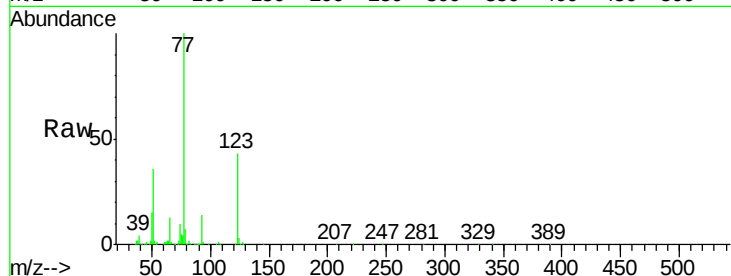
Tot Ion: 77 Resp: 294873

Ion Ratio Lower Upper

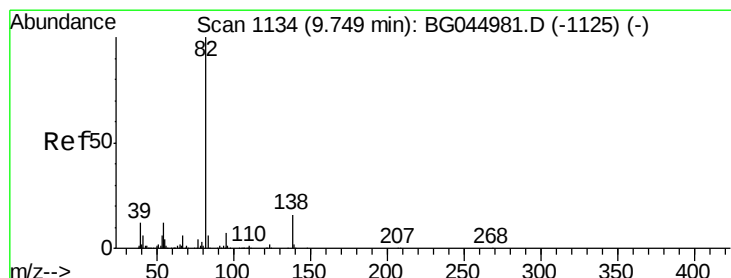
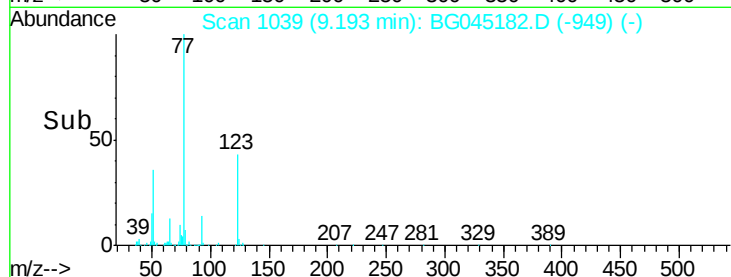
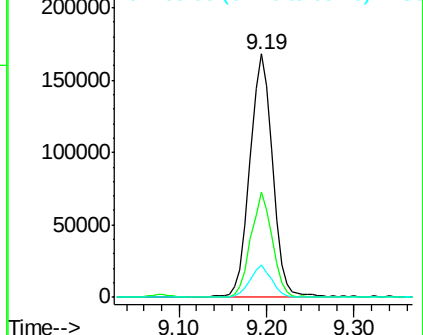
77 100

123 43.1 34.3 51.5

65 13.1 8.9 13.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 50.694 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

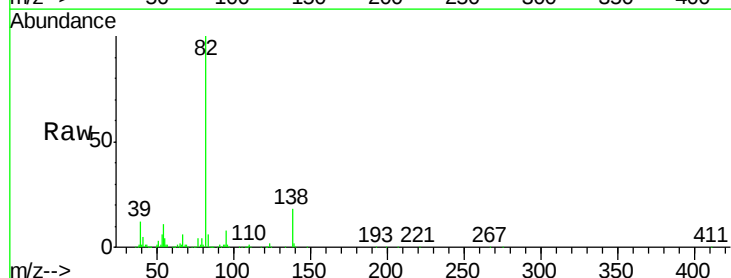
Tgt Ion: 82 Resp: 574908

Ion Ratio Lower Upper

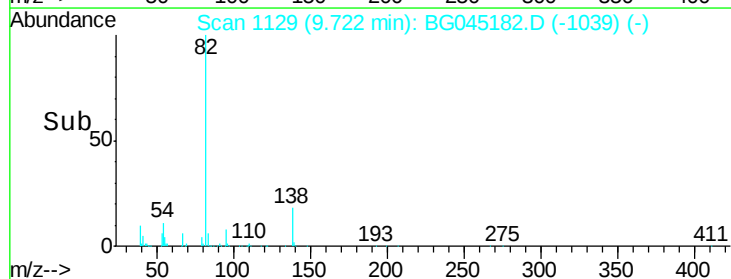
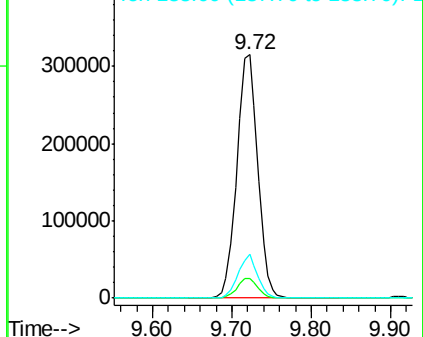
82 100

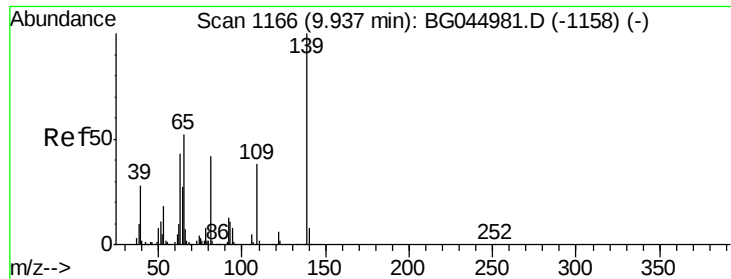
95 8.1 6.0 9.0

138 17.9 12.7 19.1



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

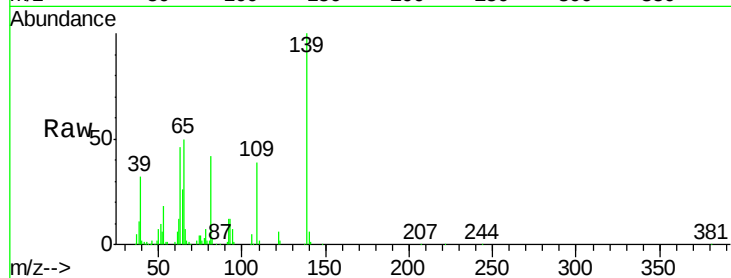




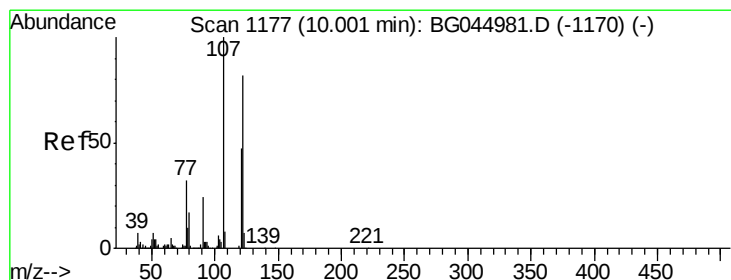
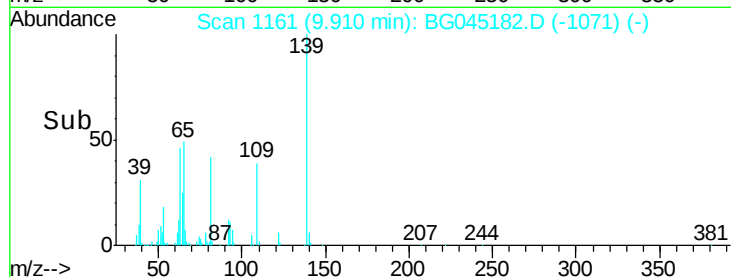
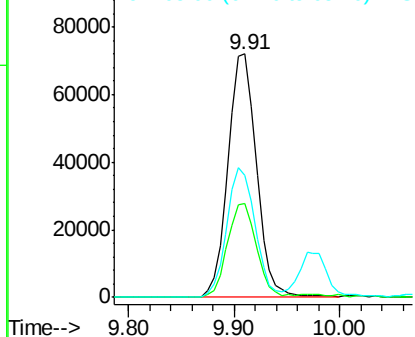
#26
2-Nitrophenol
Concen: 55.089 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	38.7	30.6	45.8
65	49.9	41.8	62.6

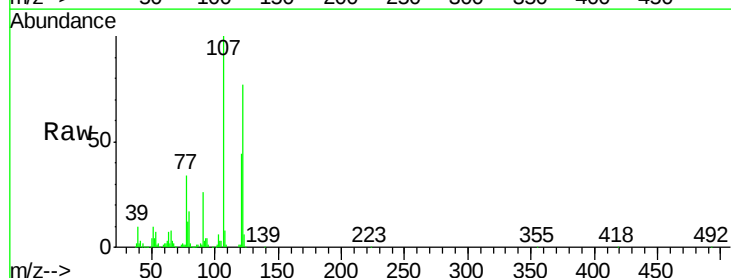


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

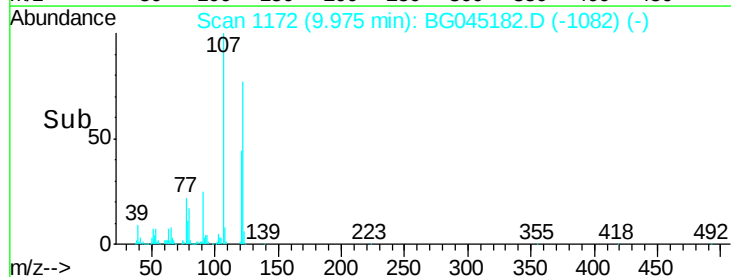
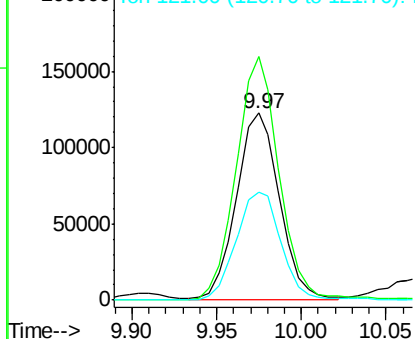


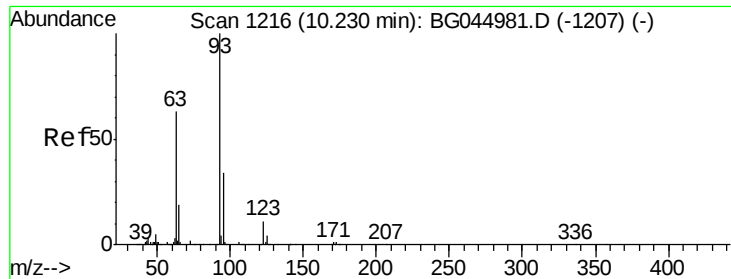
#27
2,4-Dimethylphenol
Concen: 55.910 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.0	96.8	145.2
121	57.5	45.6	68.4



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

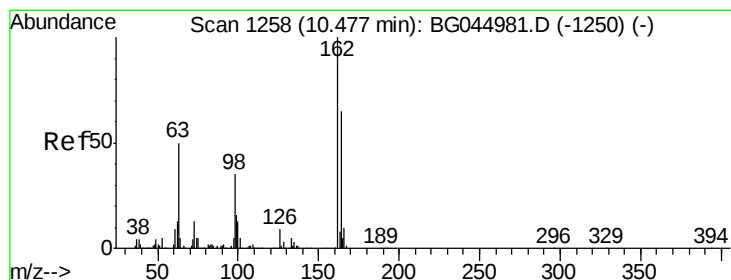
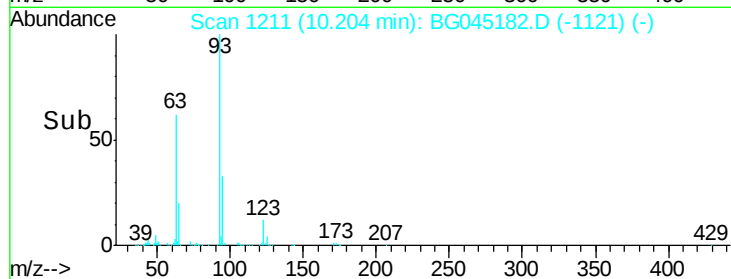
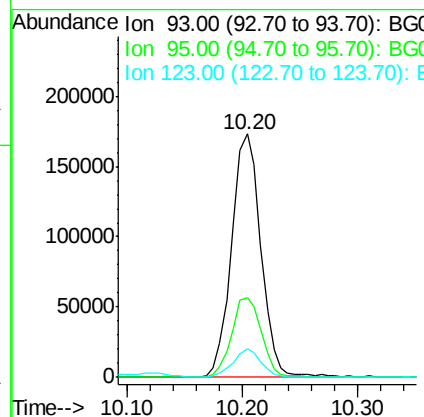
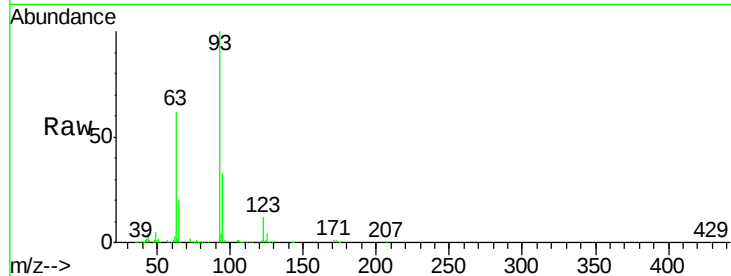




#28
 bis(2-Chloroethoxy)methane
 Concen: 51.191 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

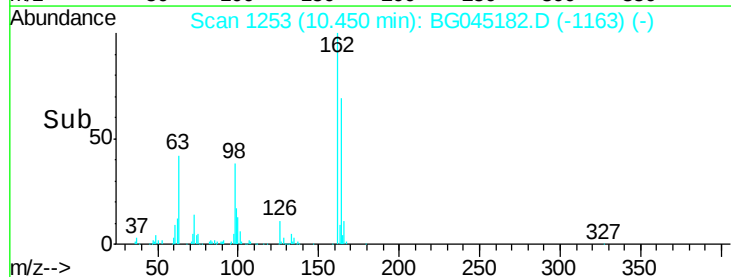
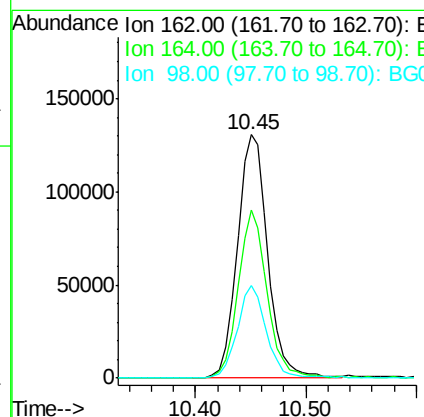
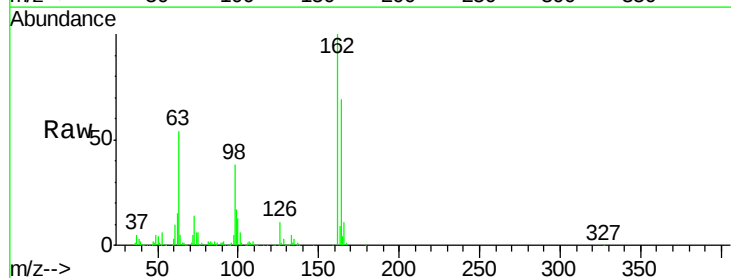
Instrument :
 BNA_G
 ClientSampleId :

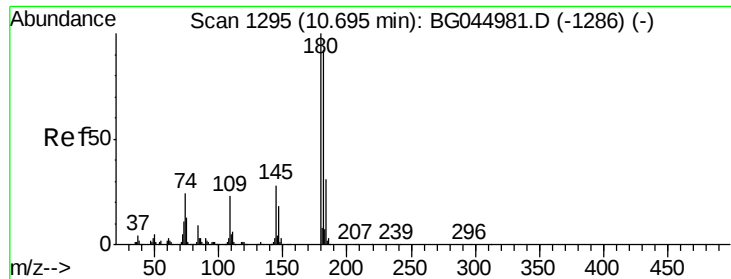
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	11.9	8.7	13.1



#29
 2,4-Dichlorophenol
 Concen: 56.014 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.9	45.0	85.0
98	37.9	15.2	55.2

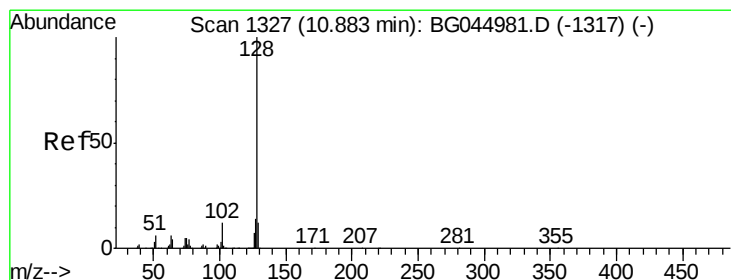
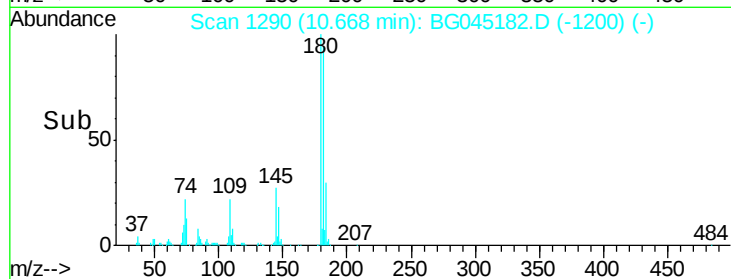
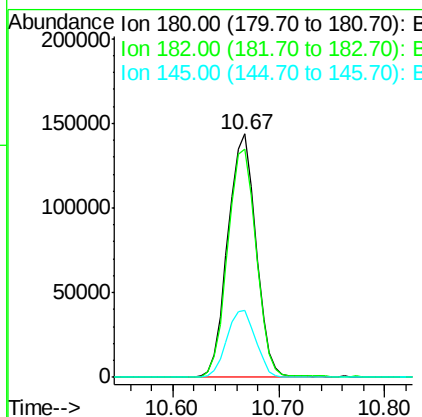
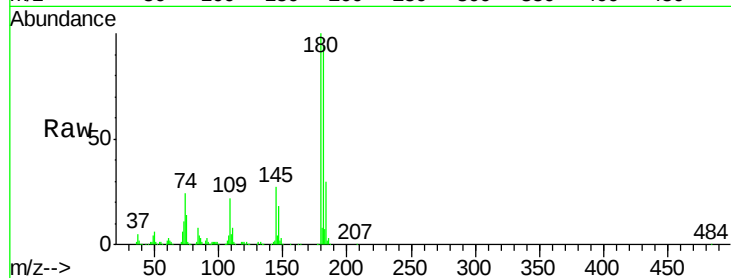




#30
 1,2,4-Trichlorobenzene
 Concen: 52.464 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

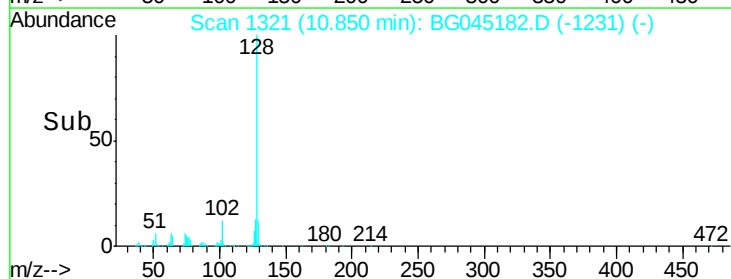
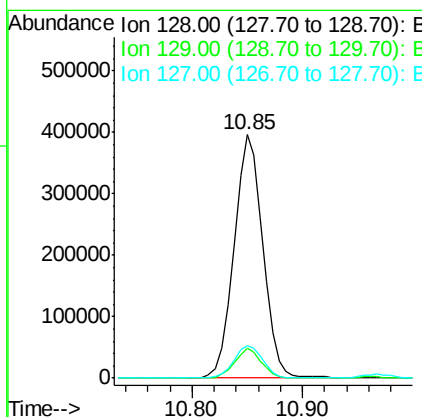
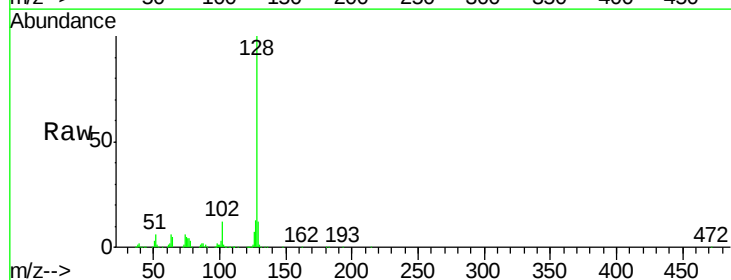
Instrument :
 BNA_G
 ClientSampleId :

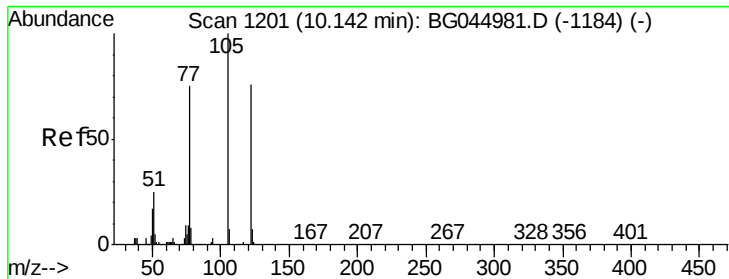
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	73.3	109.9
145	27.4	22.6	33.8



#31
 Naphthalene
 Concen: 52.256 ng
 RT: 10.85 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.2
127	13.3	10.8	16.2

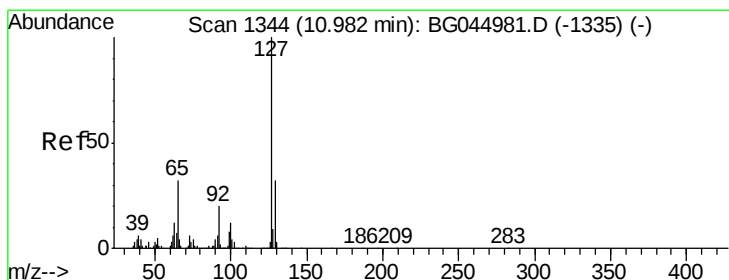
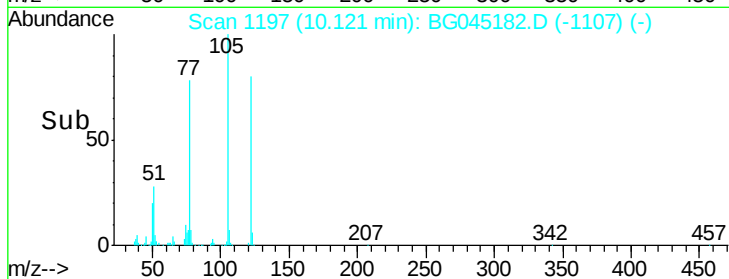
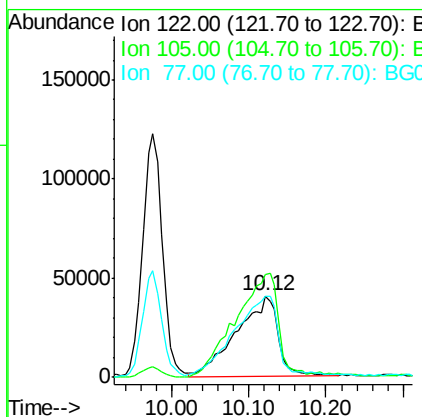
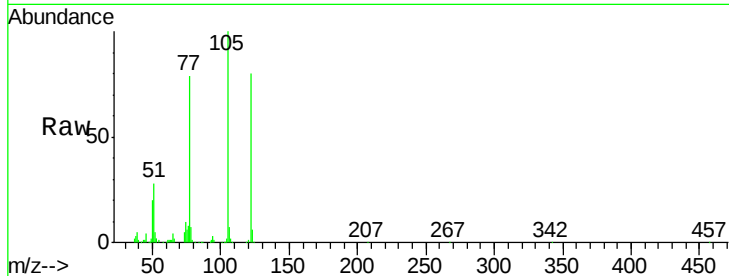




#32
Benzoic acid
Concen: 47.585 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

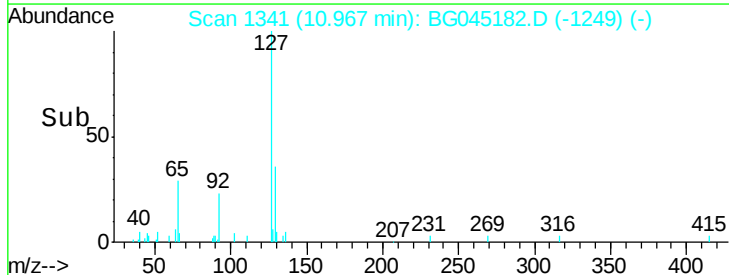
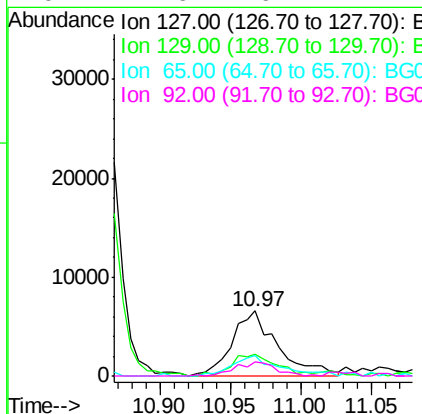
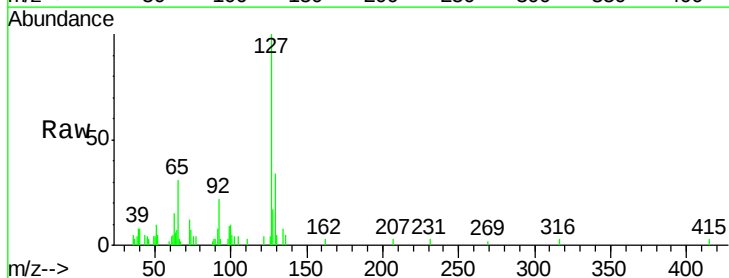
Instrument :
BNA_G
ClientSampleId :

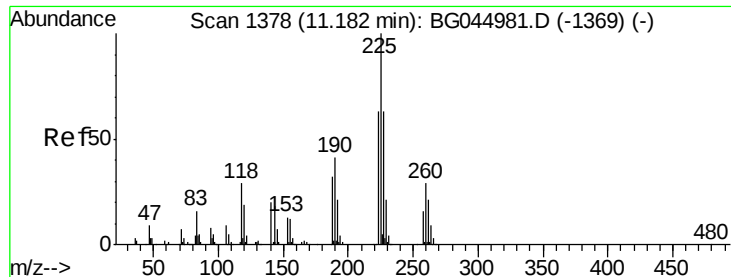
Tot Ion:122 Resp: 148941
Ion Ratio Lower Upper
122 100
105 125.6 108.4 148.4
77 98.9 78.8 118.8



#33
4-Chloroaniline
Concen: 2.304 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:127 Resp: 14856
Ion Ratio Lower Upper
127 100
129 34.1 25.7 38.5
65 31.5 25.4 38.2
92 21.6 16.1 24.1

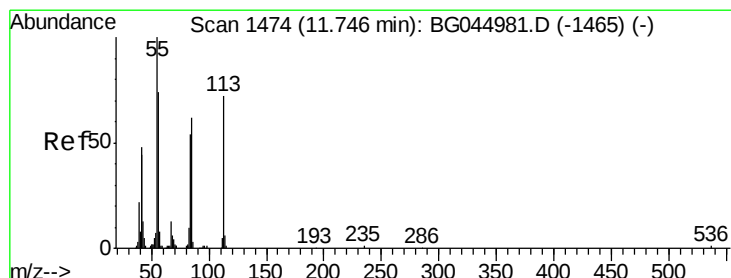
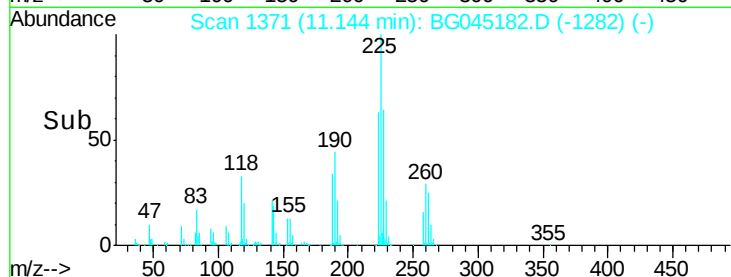
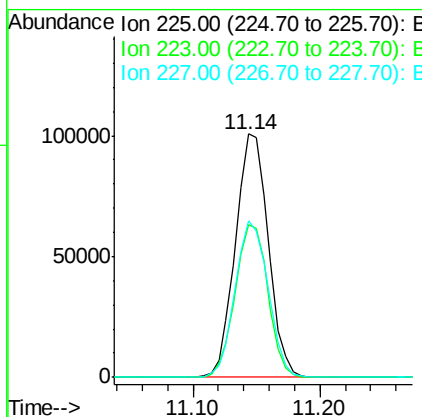
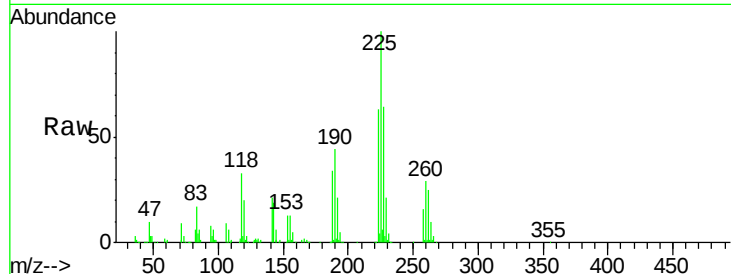




#34
Hexachlorobutadiene
Concen: 51.732 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

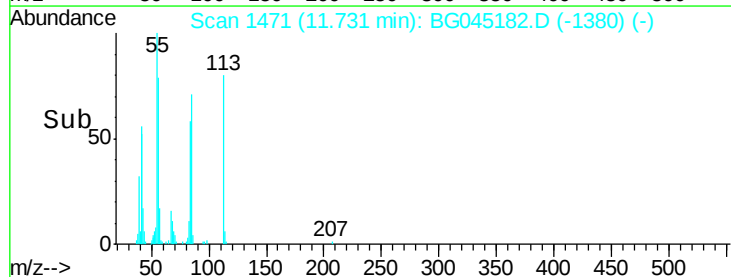
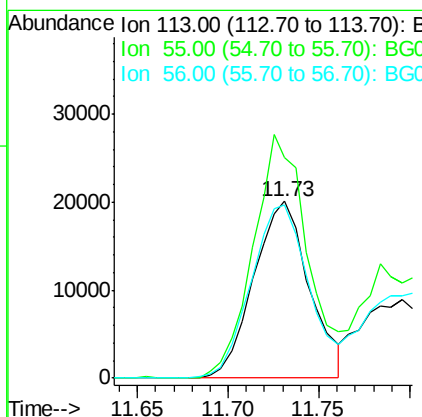
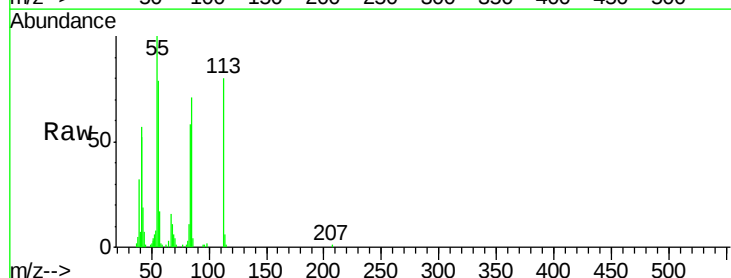
Instrument :
BNA_G
ClientSampleId :

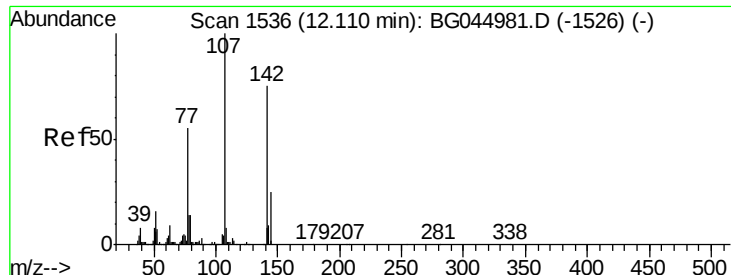
Tot Ion:225 Resp: 179904
Ion Ratio Lower Upper
225 100
223 62.9 50.7 76.1
227 64.3 50.2 75.2



#35
Caprolactam
Concen: 23.966 ng
RT: 11.73 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:113 Resp: 42730
Ion Ratio Lower Upper
113 100
55 124.4 118.8 158.8
56 97.9 82.6 122.6

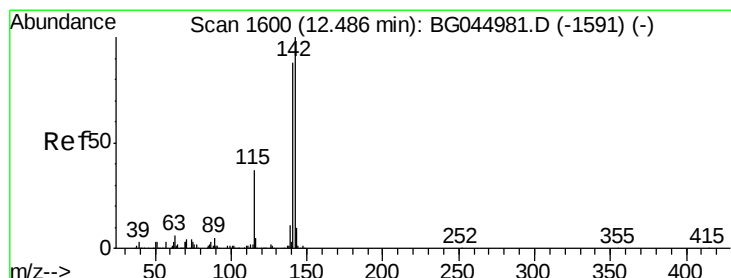
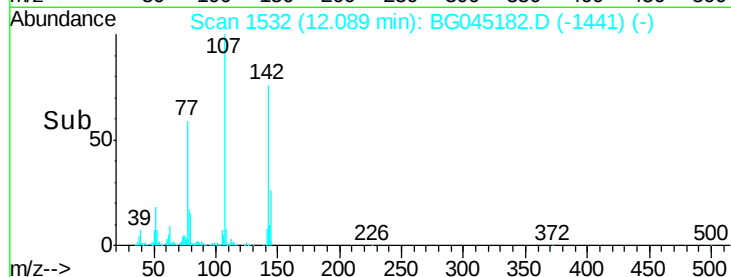
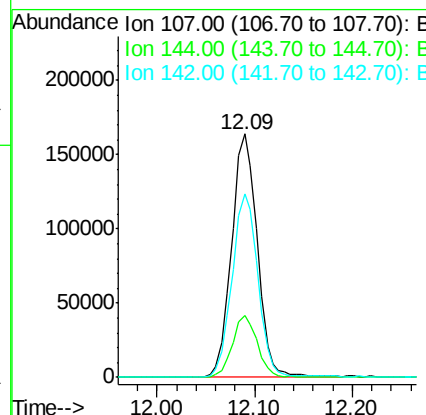
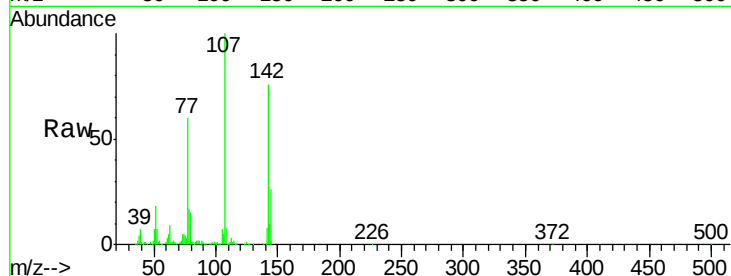




#36
 4-Chloro-3-methylphenol
 Concen: 57.178 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

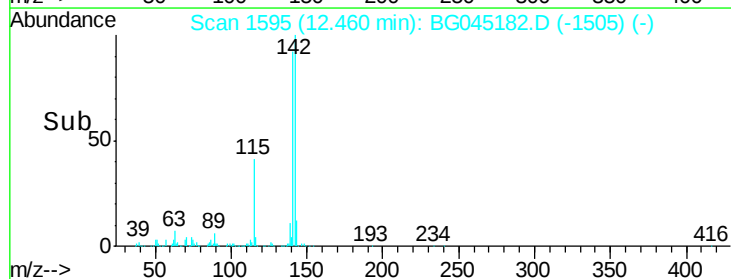
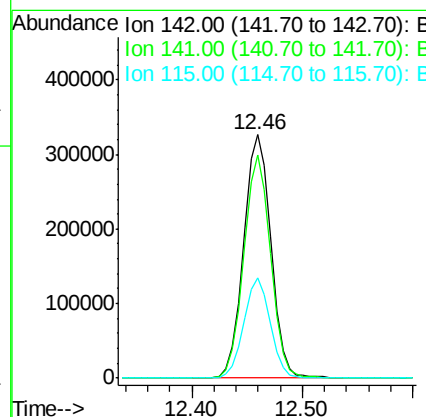
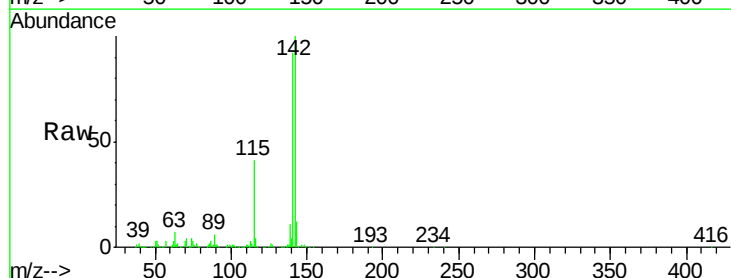
Instrument :
 BNA_G
 ClientSampleId :

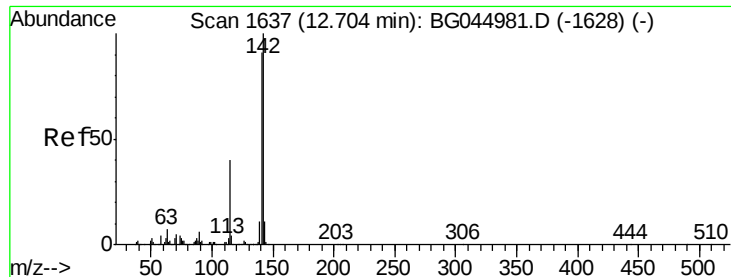
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.6
142	75.6	59.7	89.5



#37
 2-Methylnaphthalene
 Concen: 52.995 ng
 RT: 12.46 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.3	105.5
115	41.4	29.8	44.6

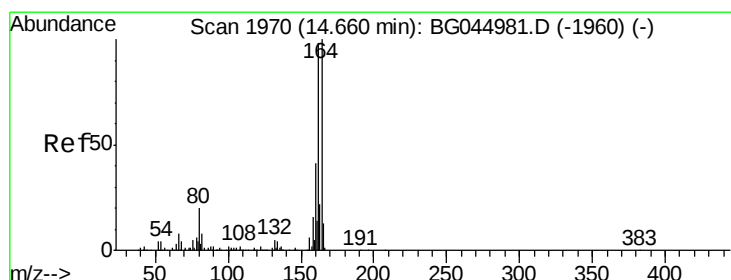
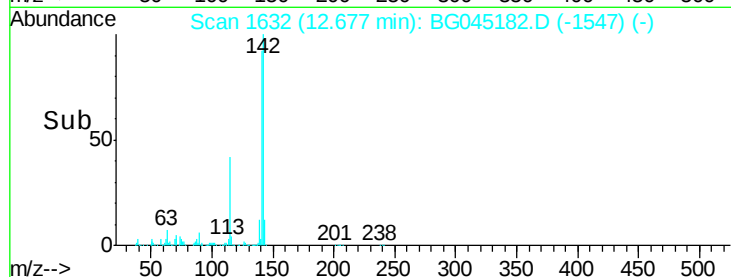
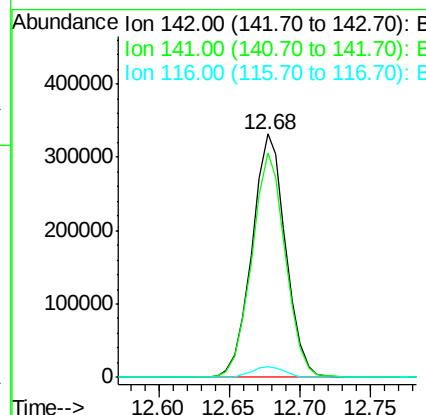
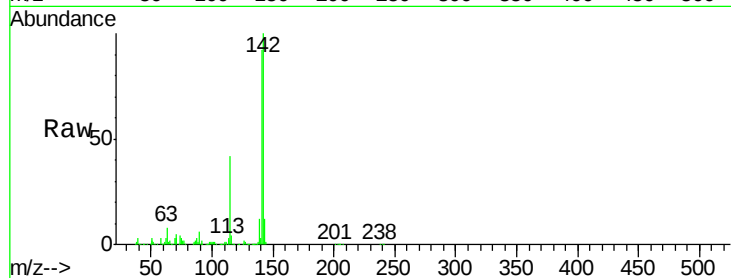




#38
 1-Methylnaphthalene
 Concen: 54.394 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

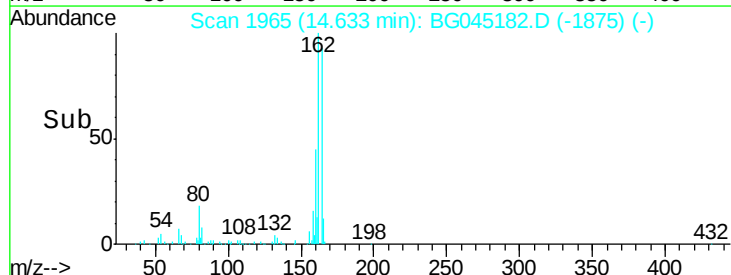
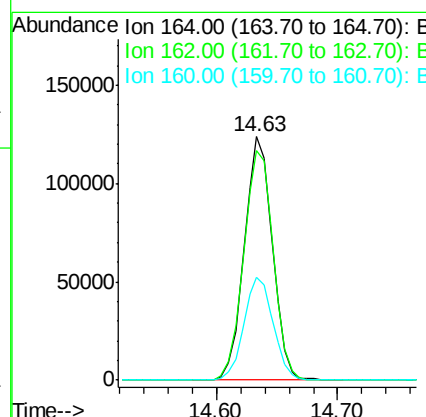
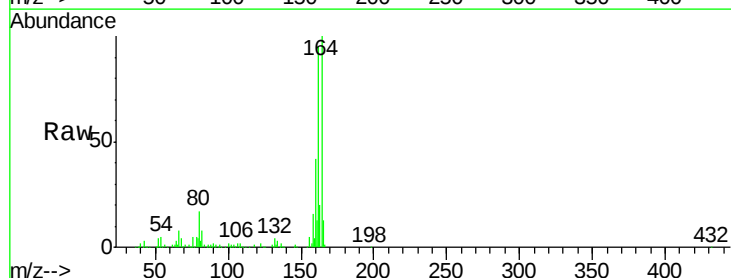
Instrument :
 BNA_G
 ClientSampleId :

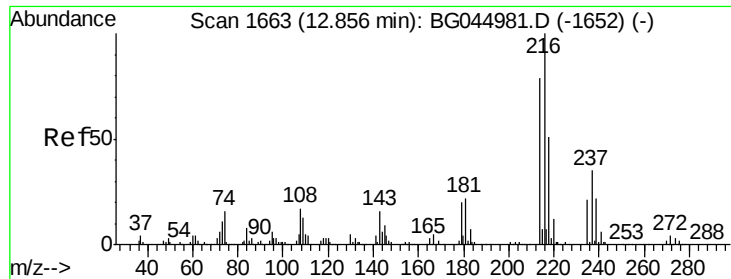
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
116	4.2	3.1	4.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.5	78.7	118.1
160	42.3	32.8	49.2

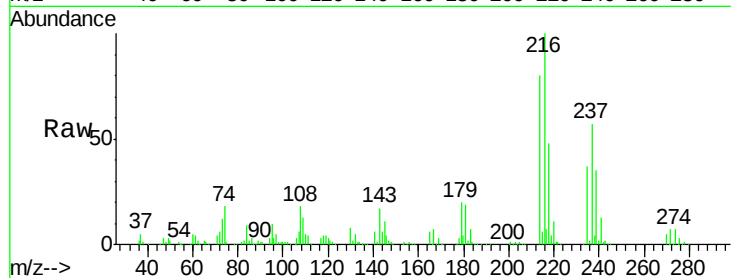




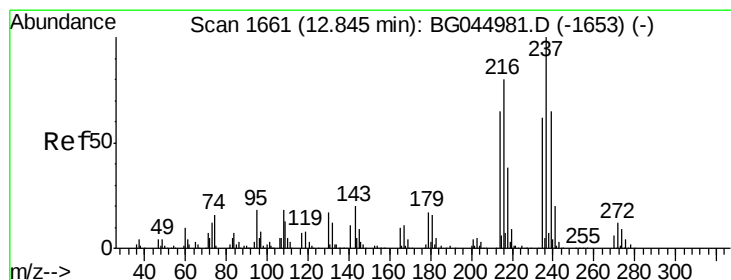
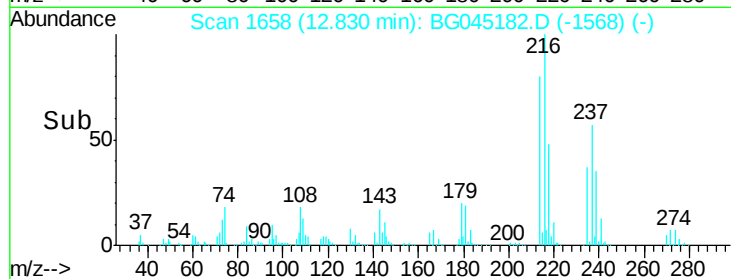
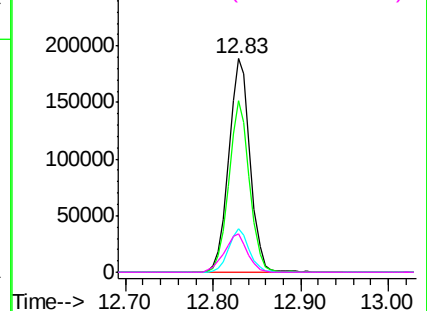
#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.729 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:216	Resp:	315395
Ion Ratio	Lower	Upper
216	100	
214	77.2	63.0 94.6
179	19.7	15.8 23.8
108	19.6	14.2 21.2

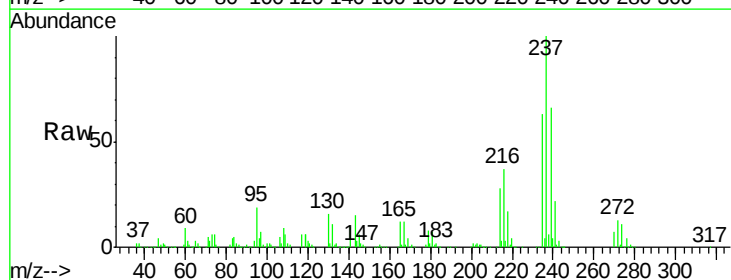


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

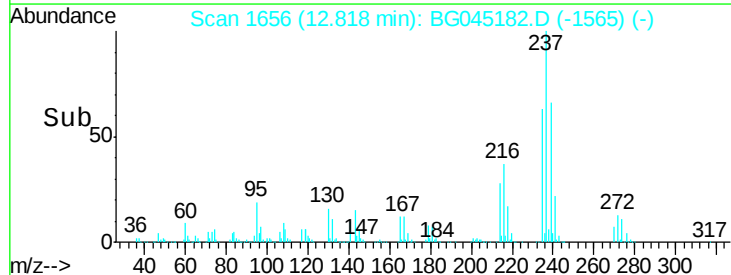
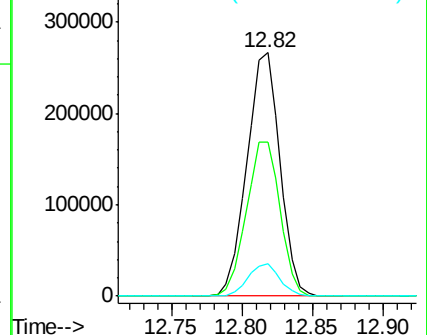


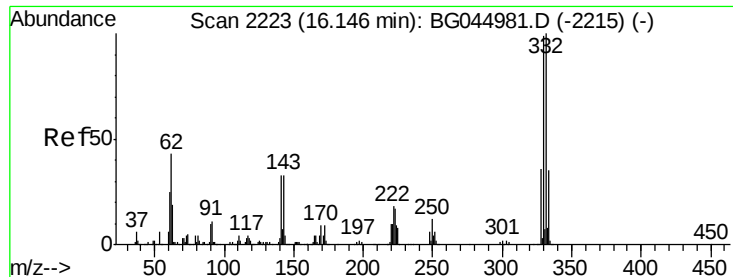
#41
Hexachlorocyclopentadiene
Concen: 108.045 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:237	Resp:	437086
Ion Ratio	Lower	Upper
237	100	
235	63.5	41.6 81.6
272	13.2	0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

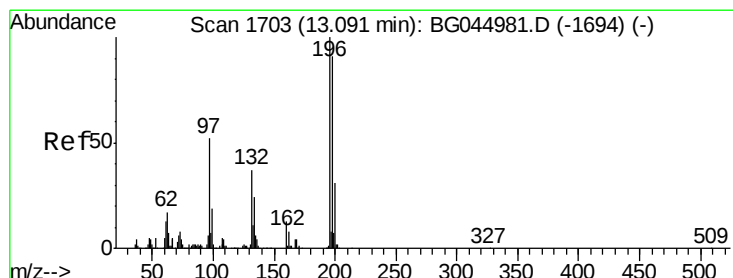
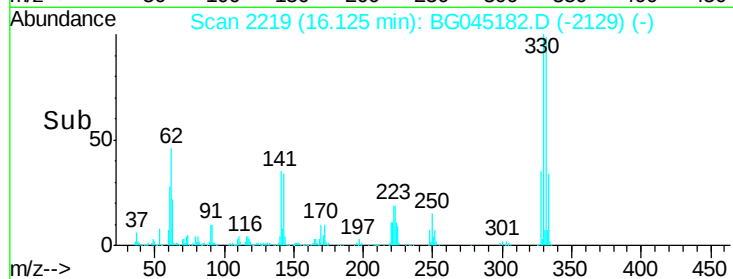
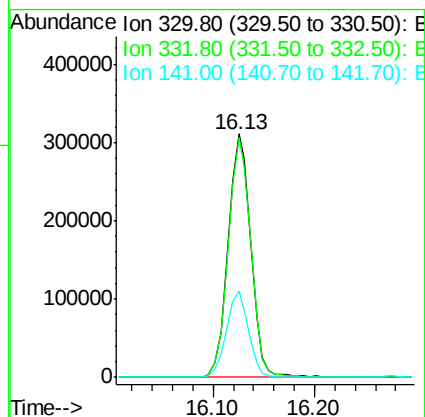
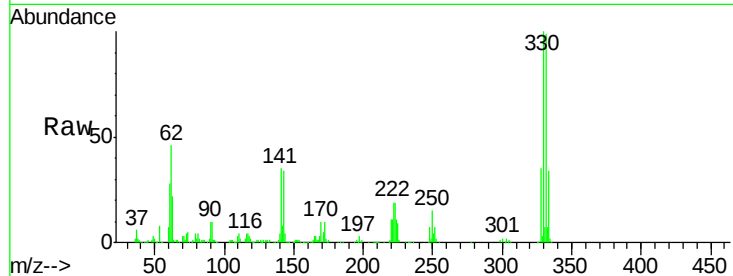




#42
 2,4,6-Tribromophenol
 Concen: 155.224 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

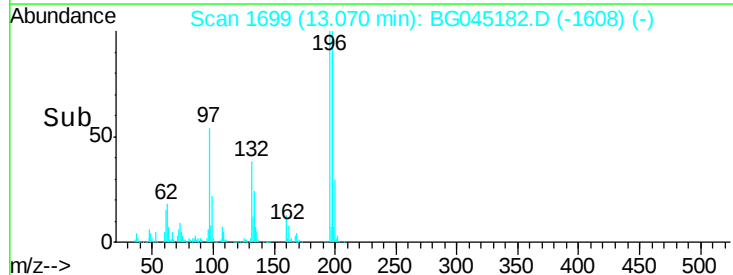
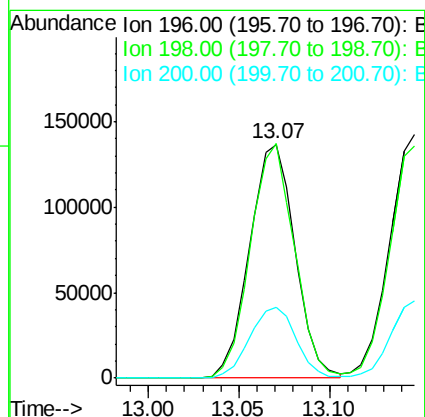
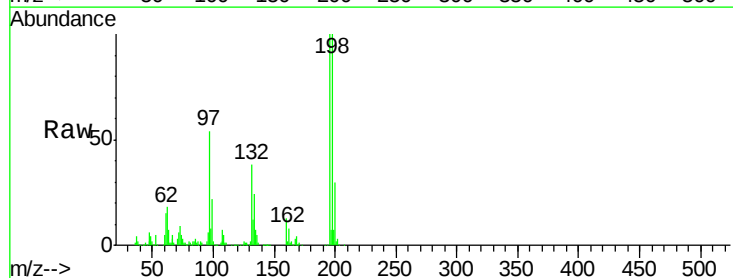
Instrument :
 BNA_G
 ClientSampleId :

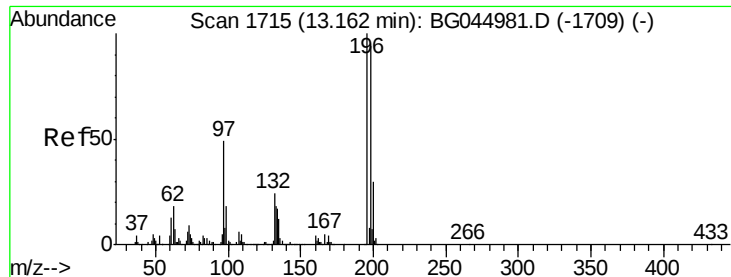
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	34.9	27.1	40.7



#43
 2,4,6-Trichlorophenol
 Concen: 52.123 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	72.5	108.7
200	30.5	24.5	36.7

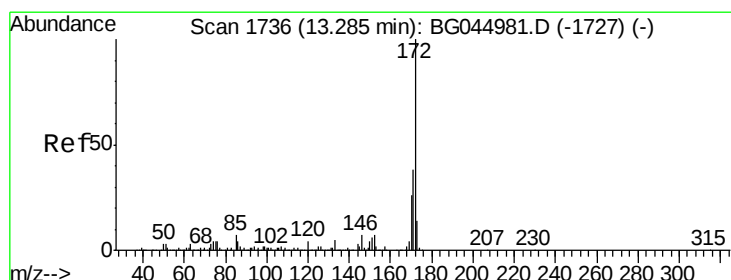
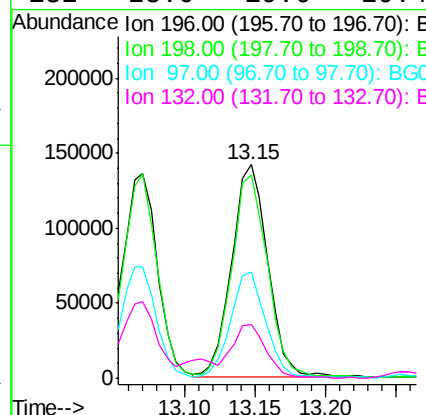
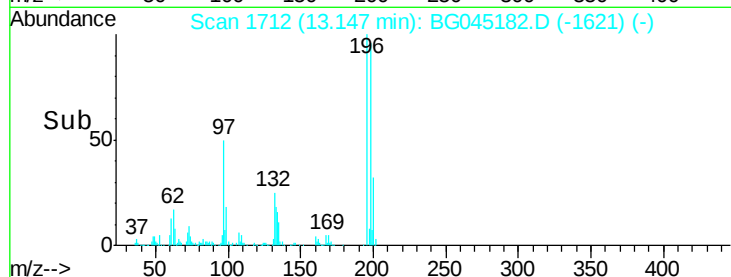
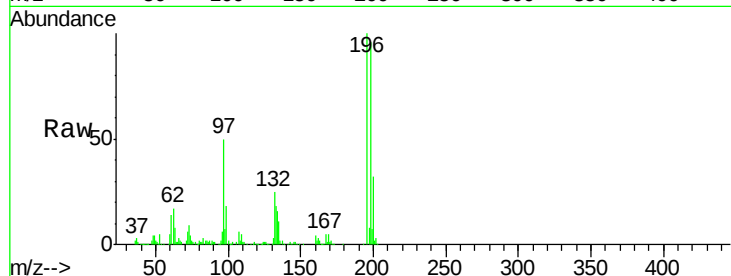




#44
 2,4,5-Trichlorophenol
 Concen: 48.620 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

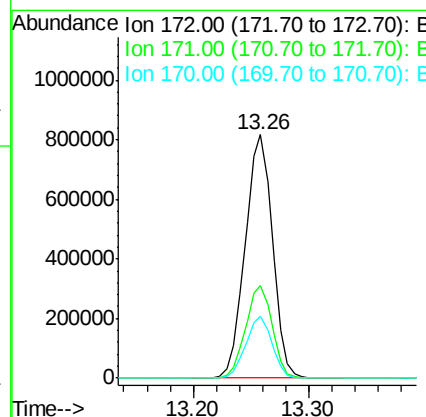
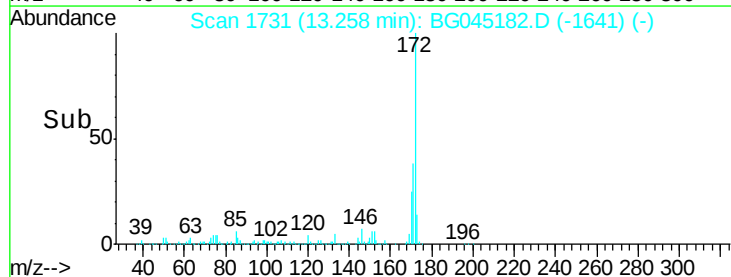
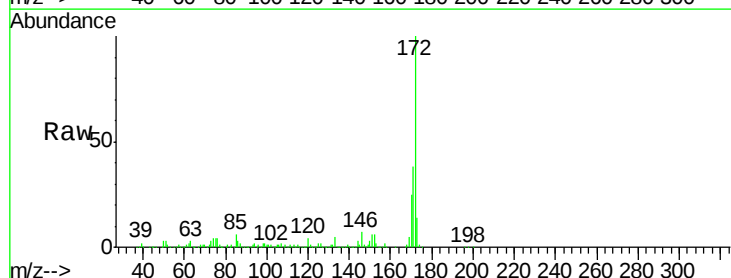
Instrument :
 BNA_G
 ClientSampleId :

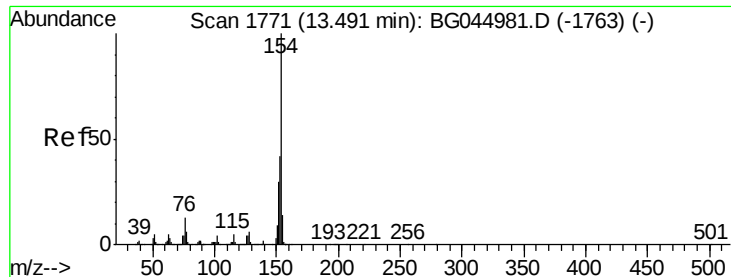
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
97	49.5	39.6	59.4
132	25.0	19.6	29.4



#45
 2-Fluorobiphenyl
 Concen: 97.732 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	46.0
170	25.3	20.5	30.7

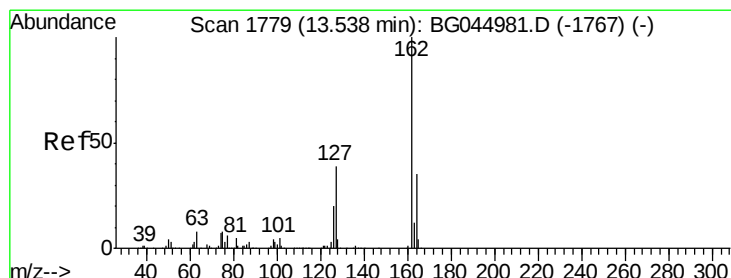
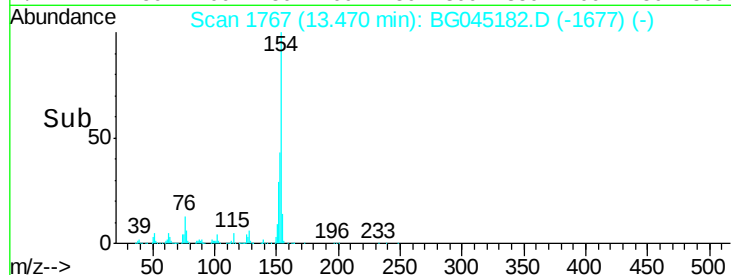
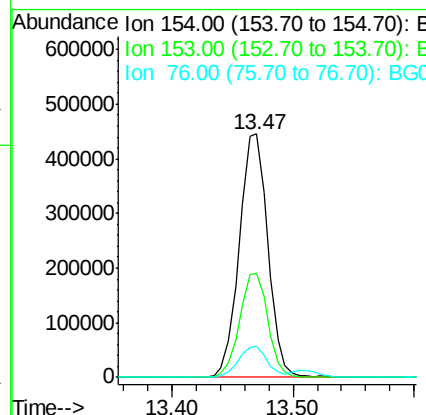
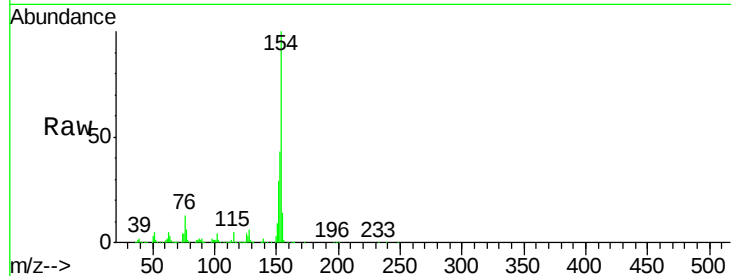




#46
 1,1'-Biphenyl
 Concen: 48.171 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

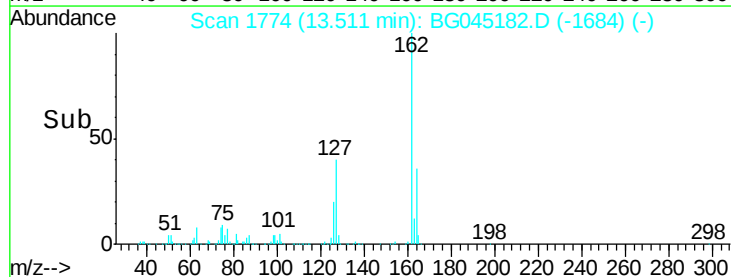
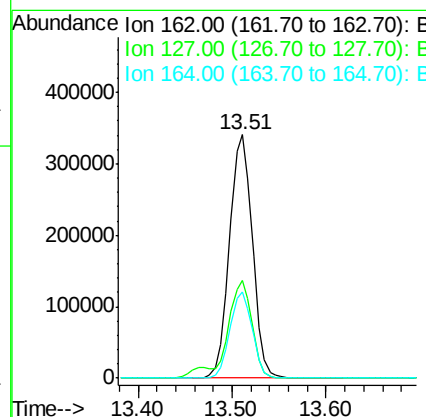
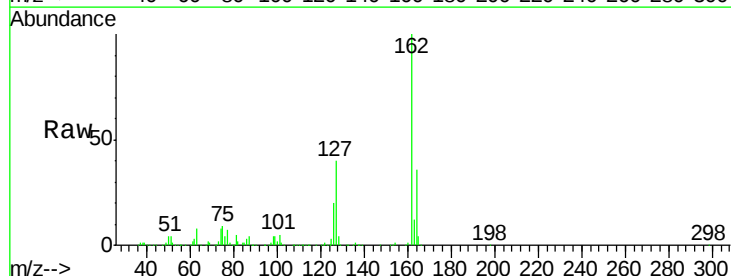
Instrument :
 BNA_G
 ClientSampleId :

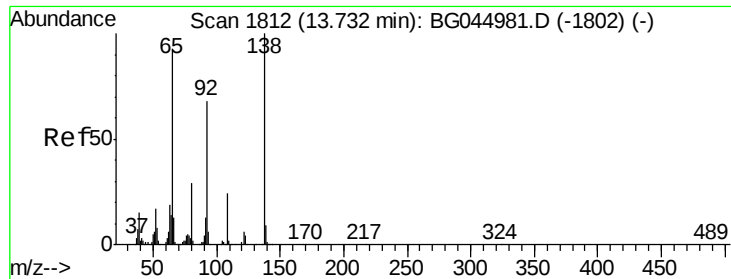
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	12.7	0.0	33.1



#47
 2-Chloronaphthalene
 Concen: 49.370 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	35.6	27.8	41.8

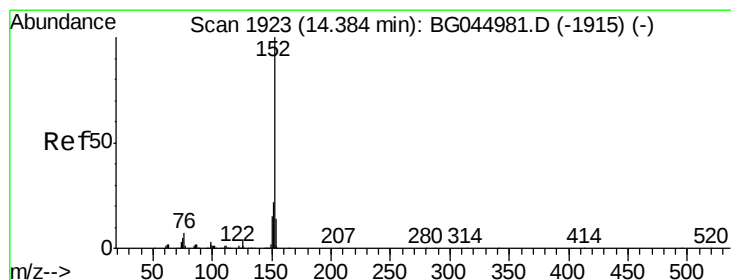
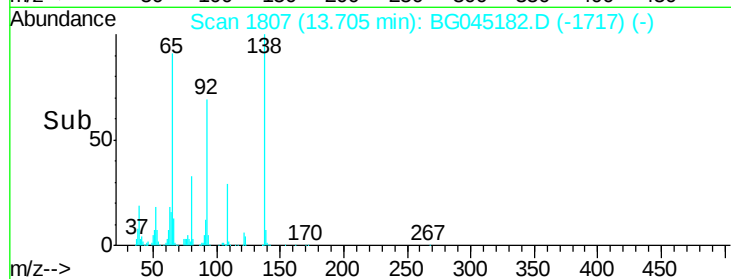
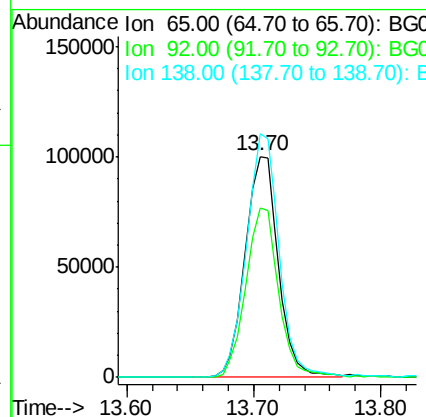
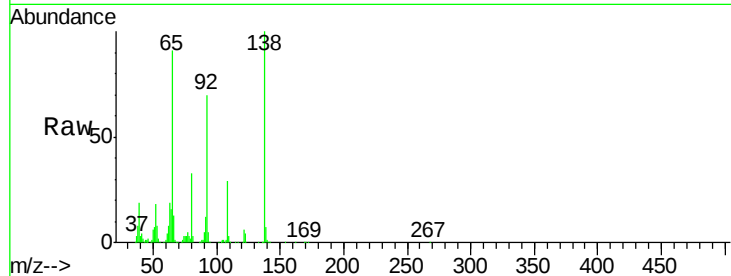




#48
2-Nitroaniline
Concen: 47.528 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

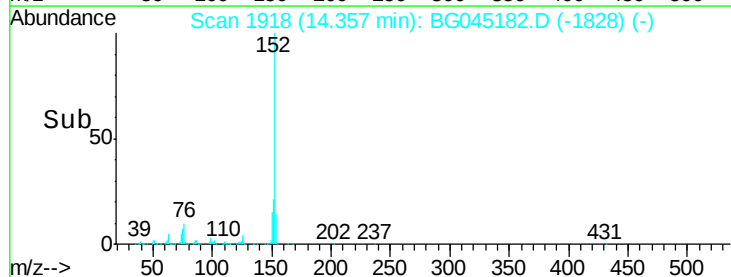
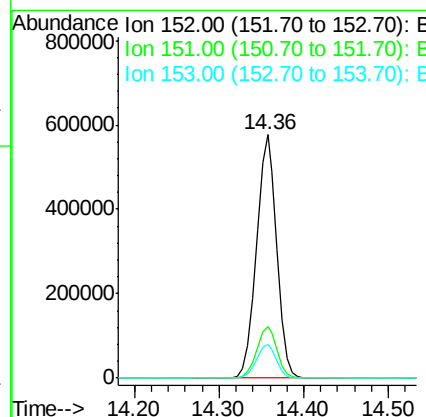
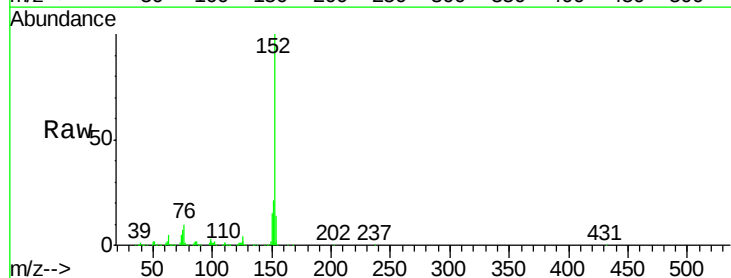
Instrument :
BNA_G
ClientSampled :

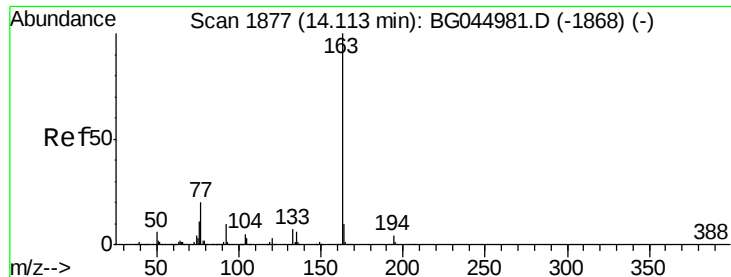
Tot Ion	Ratio	Lower	Upper
65	100		
92	76.8	58.3	87.5
138	110.4	85.6	128.4



#49
Acenaphthylene
Concen: 50.848 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.9	11.0	16.4

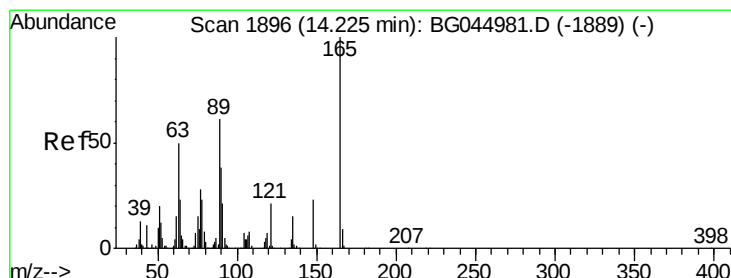
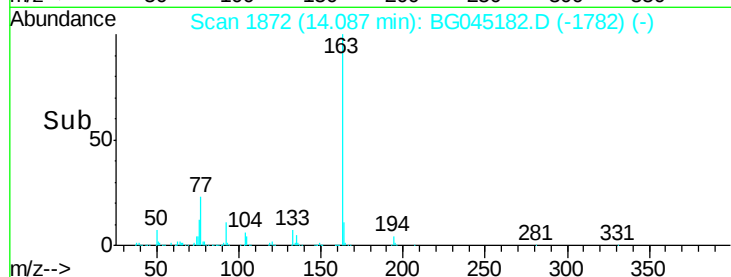
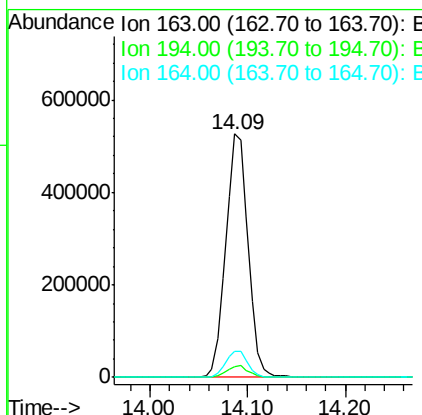
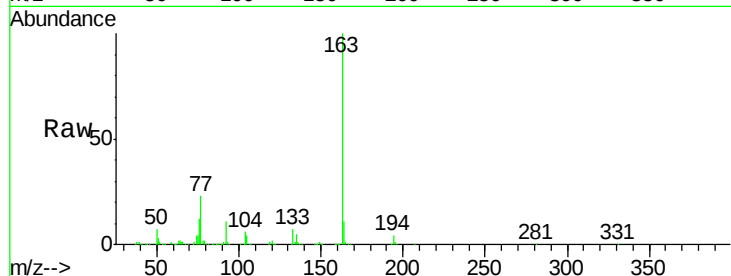




#50
Dimethylphthalate
Concen: 50.767 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

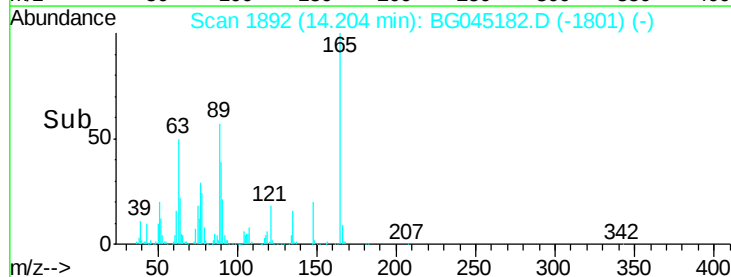
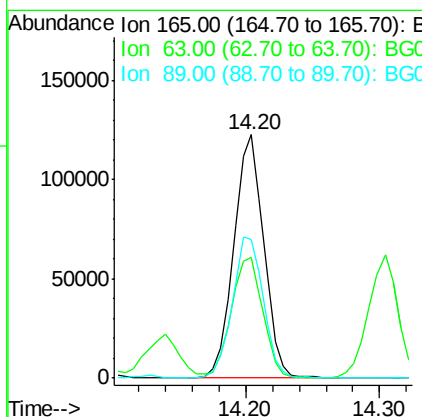
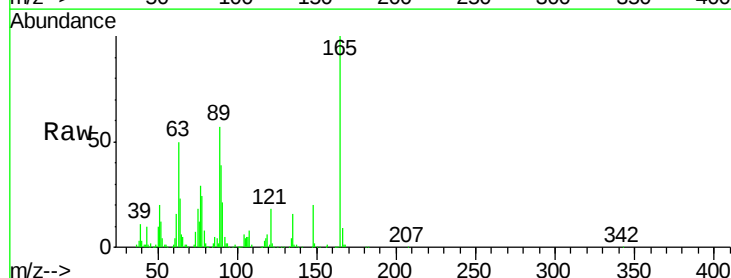
Instrument :
BNA_G
ClientSampleId :

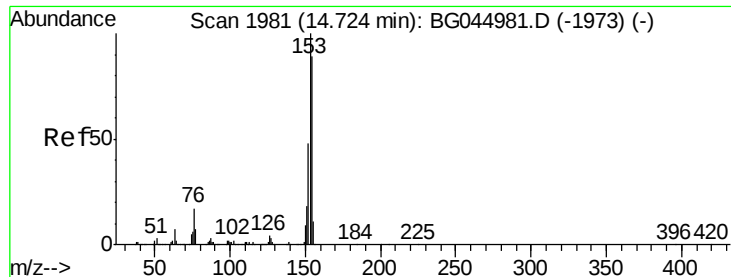
Tot Ion:163 Resp: 830971
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.9 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 52.145 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:165 Resp: 190910
Ion Ratio Lower Upper
165 100
63 49.7 40.4 60.6
89 57.1 49.1 73.7





#52

Acenaphthene

Concen: 47.299 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

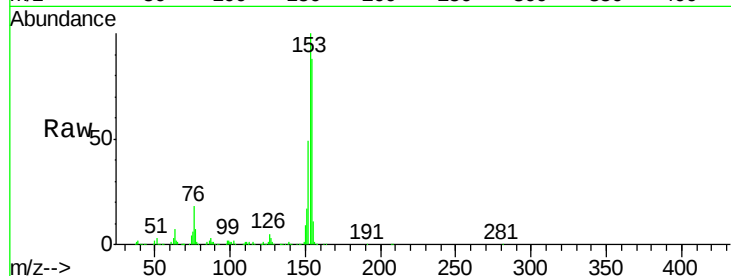
Tot Ion:154 Resp: 608586

Ion Ratio Lower Upper

154 100

153 113.3 89.7 134.5

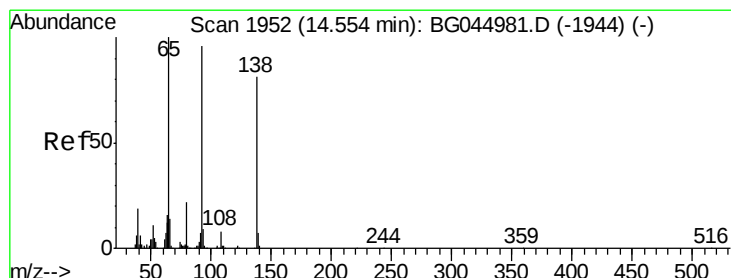
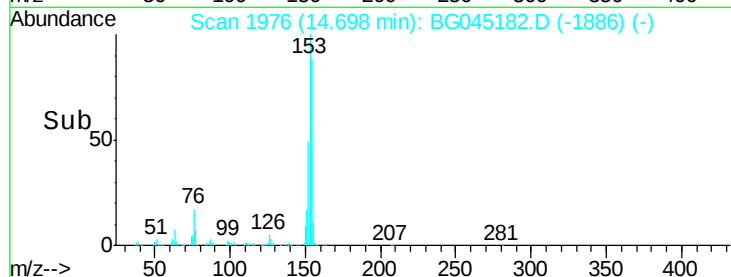
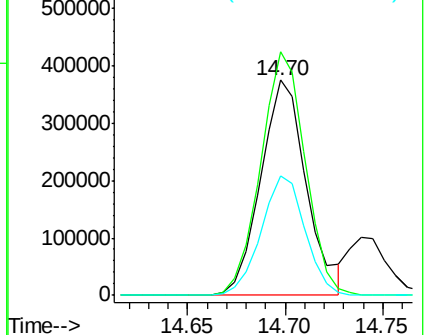
152 55.5 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 8.821 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

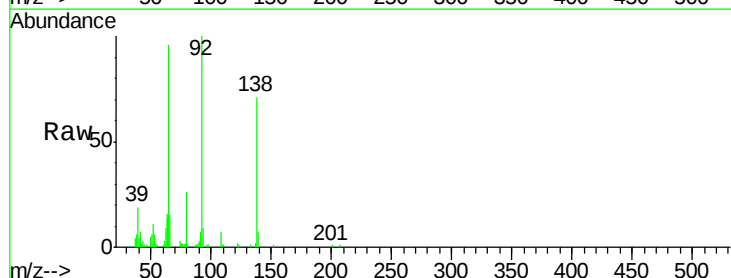
Tgt Ion:138 Resp: 35420

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.8

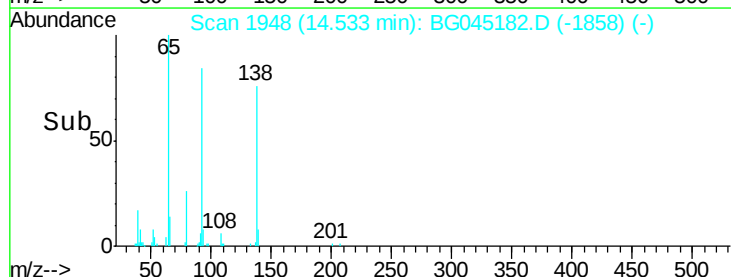
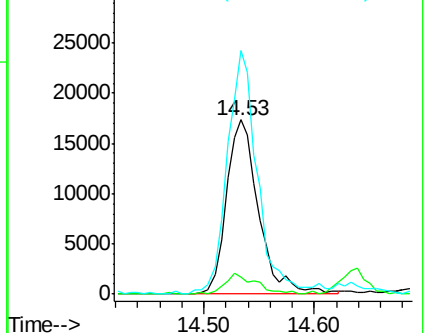
92 140.0 94.5 141.7

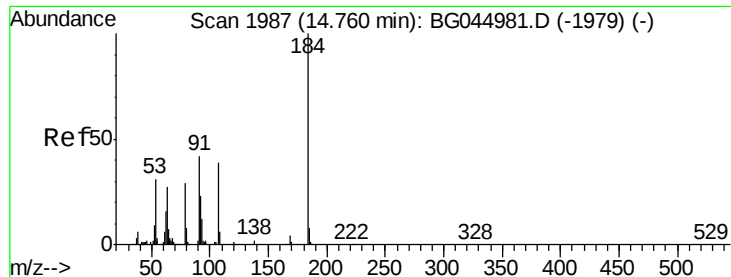


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

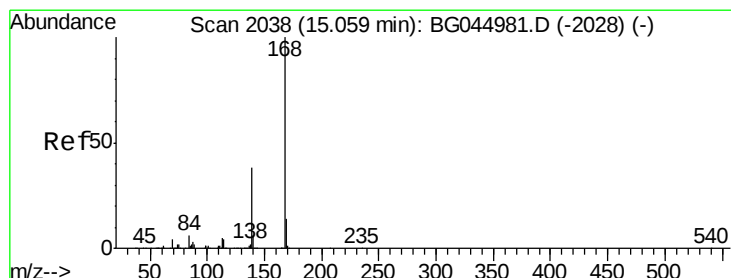
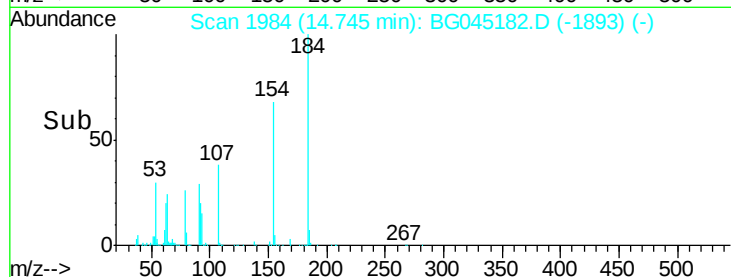
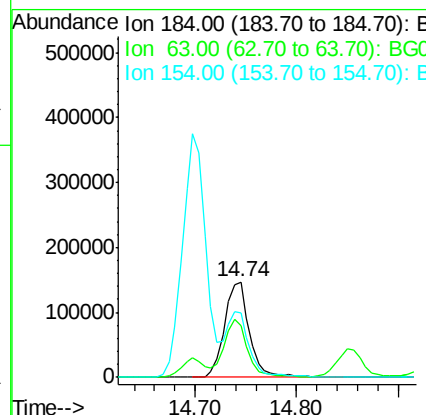
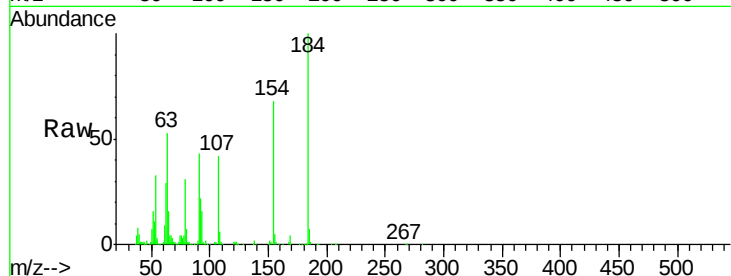




#54
2,4-Dinitrophenol
Concen: 115.786 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

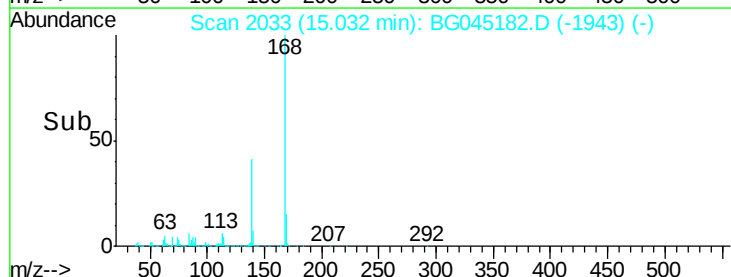
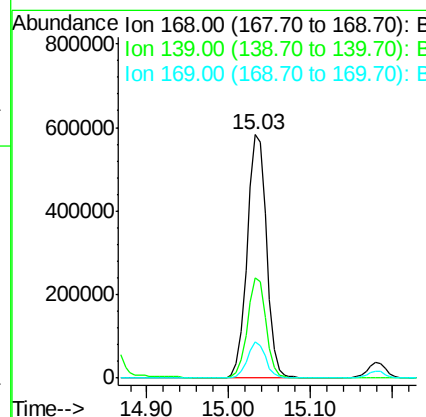
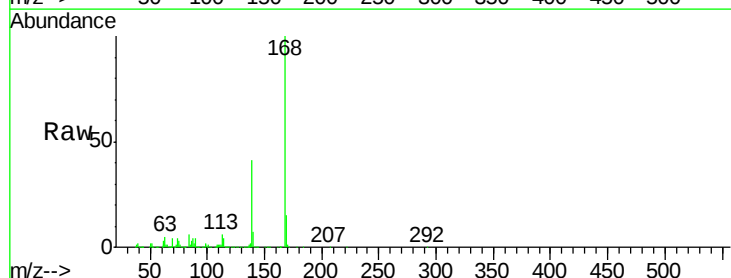
Instrument :
BNA_G
ClientSampled :

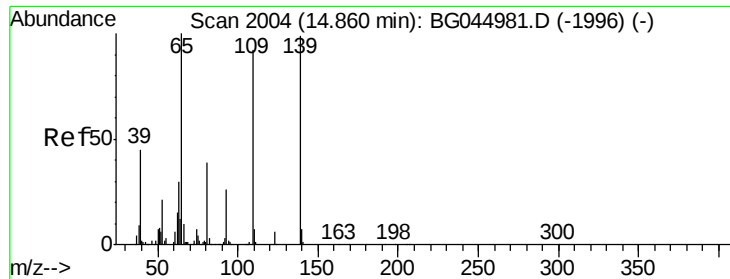
Tot Ion:184 Resp: 252068
Ion Ratio Lower Upper
184 100
63 53.5 41.5 62.3
154 67.8 52.3 78.5



#55
Dibenzofuran
Concen: 50.979 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:168 Resp: 956293
Ion Ratio Lower Upper
168 100
139 41.0 30.4 45.6
169 14.9 11.0 16.4

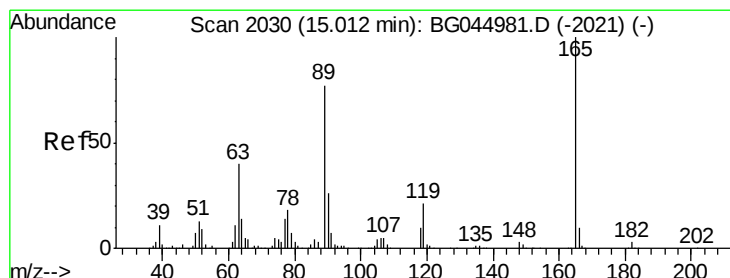
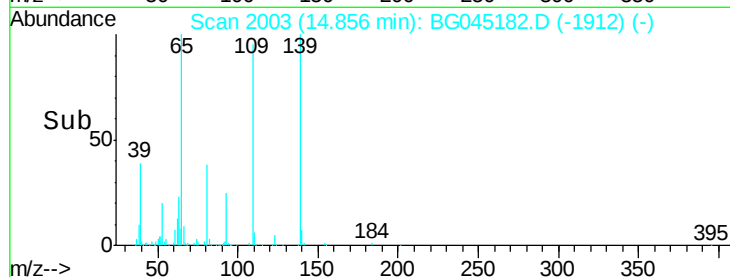
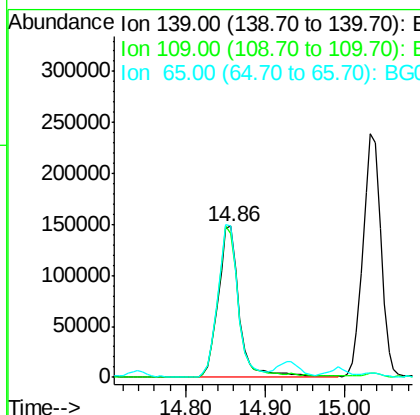
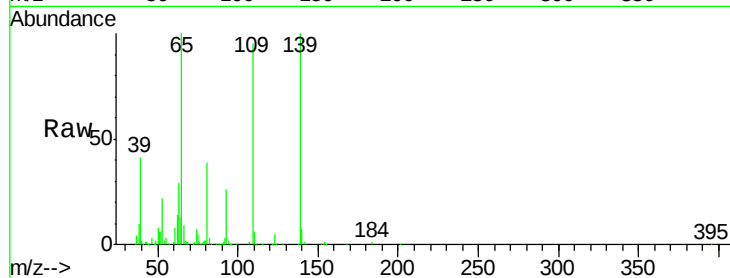




#56
4-Nitrophenol
Concen: 87.864 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

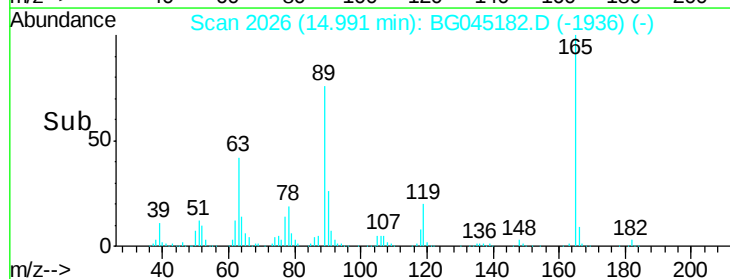
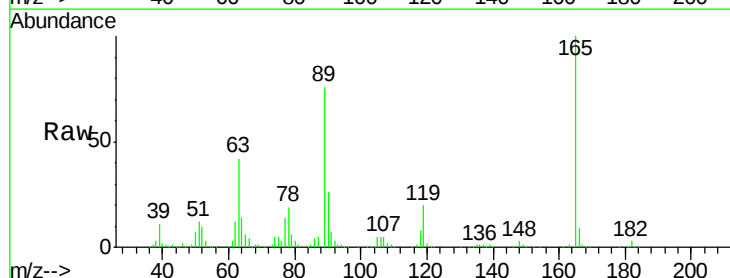
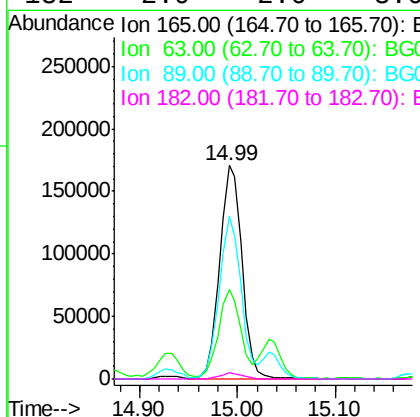
Instrument :
BNA_G
ClientSampleId :

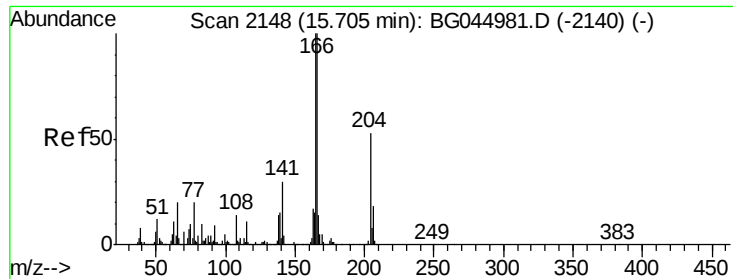
Tot Ion	Ratio	Lower	Upper
139	100		
109	95.5	73.6	113.6
65	100.2	81.2	121.2



#57
2,4-Dinitrotoluene
Concen: 50.341 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.1	32.2	48.2
89	76.3	61.7	92.5
182	2.9	2.0	3.0





#58

Fluorene

Concen: 52.589 ng

RT: 15.68 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

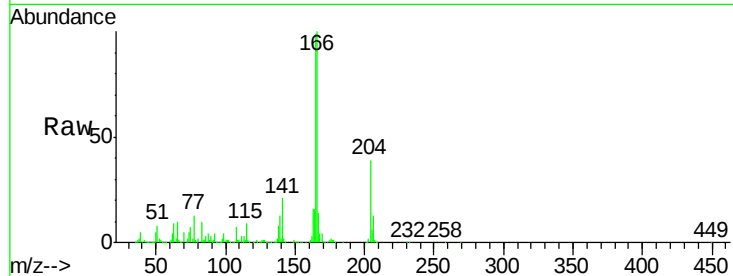
Tot Ion:166 Resp: 805781

Ion Ratio Lower Upper

166 100

165 98.5 79.9 119.9

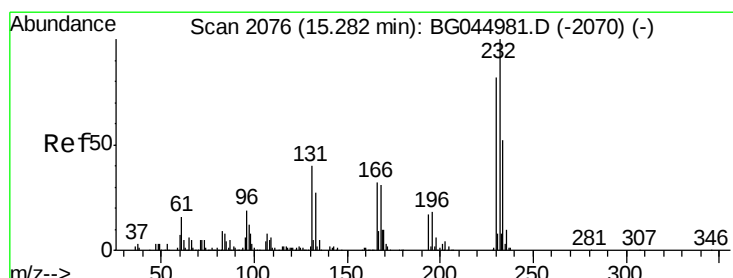
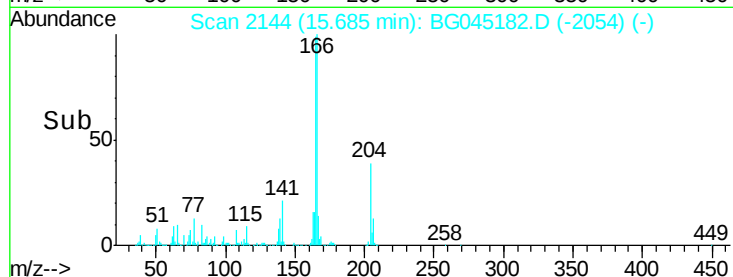
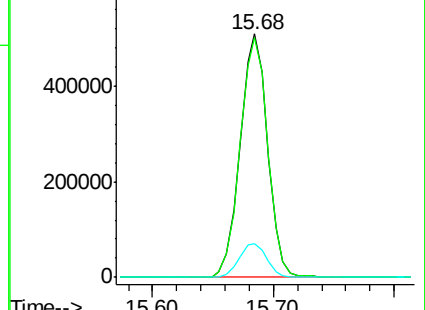
167 14.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 55.860 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion:232 Resp: 258439

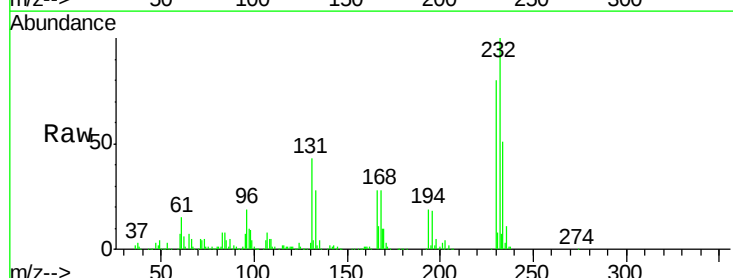
Ion Ratio Lower Upper

232 100

131 40.6 32.2 48.2

130 2.5 2.2 3.2

166 27.8 24.2 36.4

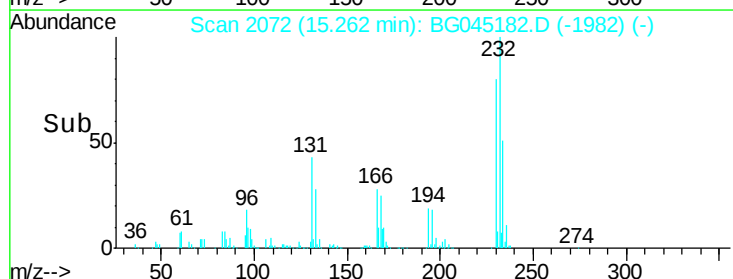
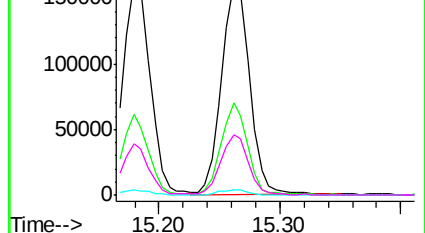


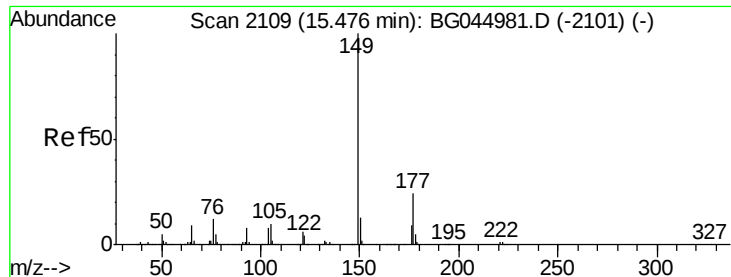
Abundance Ion 232.00 (231.70 to 232.70): E

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: 50.681 ng

RT: 15.46 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

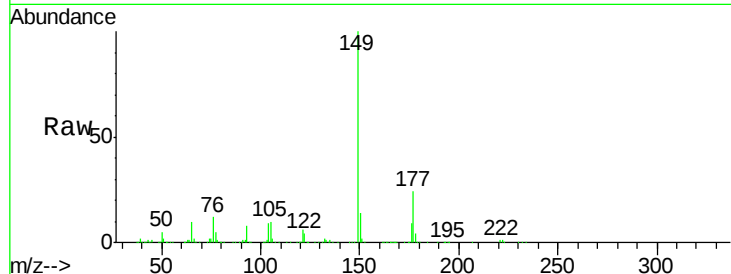
Tot Ion:149 Resp: 864901

Ion Ratio Lower Upper

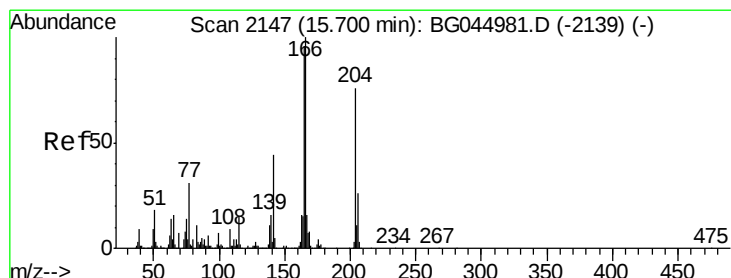
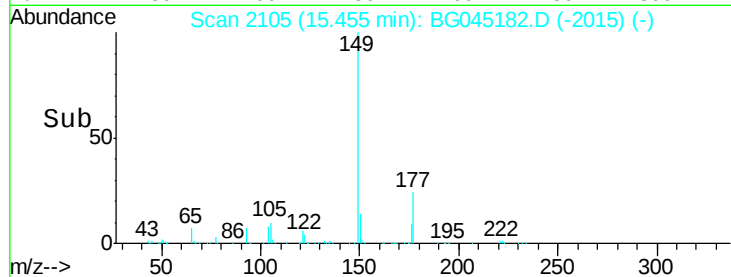
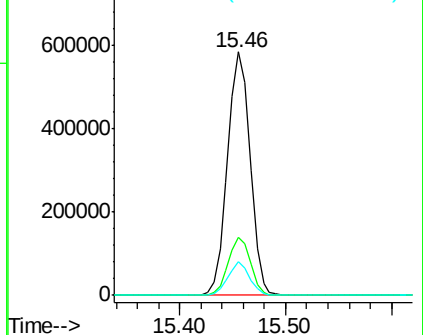
149 100

177 23.9 18.9 28.3

150 13.7 10.6 15.8



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: 50.983 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

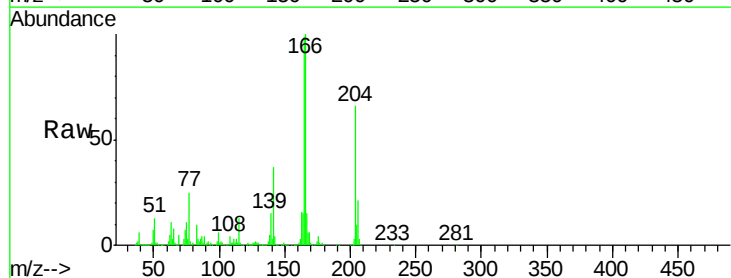
Tgt Ion:204 Resp: 449639

Ion Ratio Lower Upper

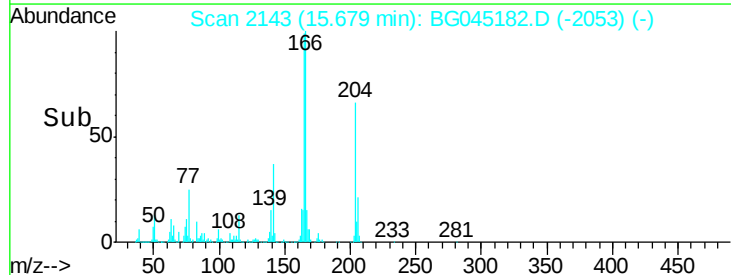
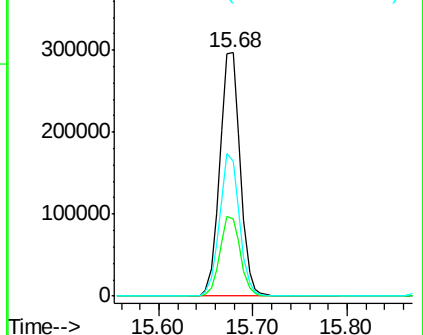
204 100

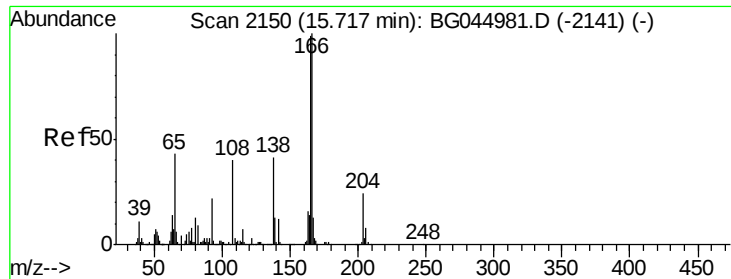
206 31.7 26.9 40.3

141 55.5 46.3 69.5



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





#62

4-Nitroaniline

Concen: 33.988 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

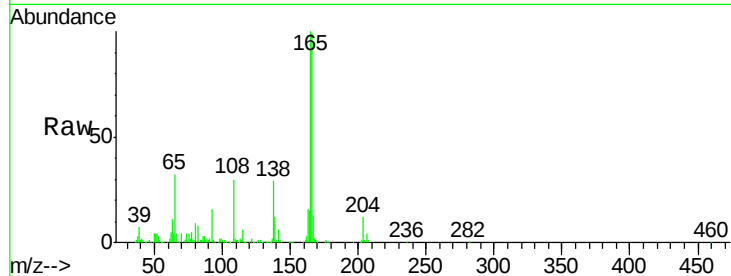
Tot Ion:138 Resp: 141554

Ion Ratio Lower Upper

138 100

92 54.9 33.6 73.6

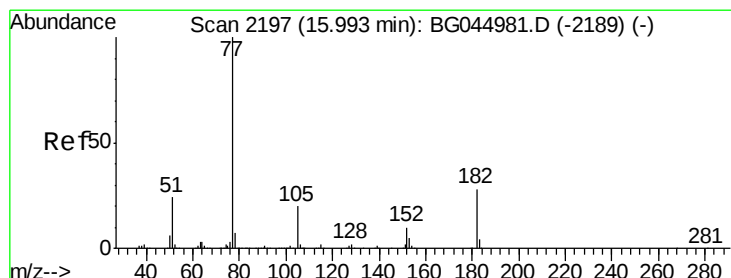
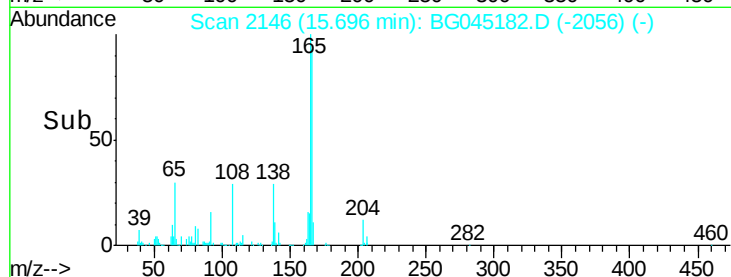
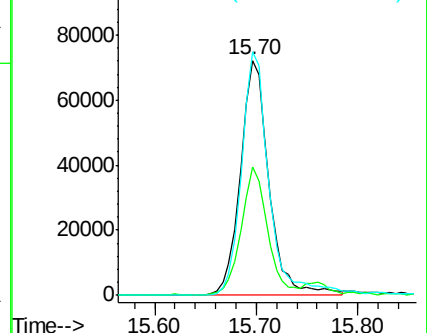
108 103.6 78.2 118.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 51.587 ng

RT: 15.97 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion: 77 Resp: 811661

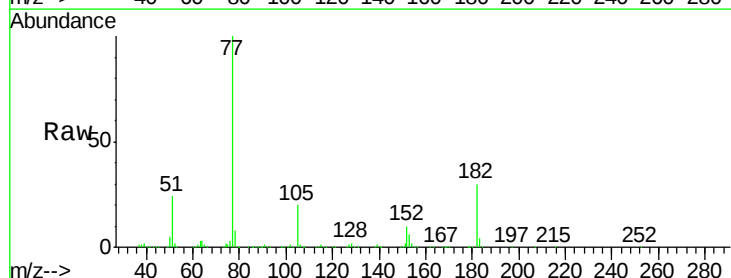
Ion Ratio Lower Upper

77 100

182 30.0 8.4 48.4

105 19.8 0.5 40.5

51 24.1 4.4 44.4

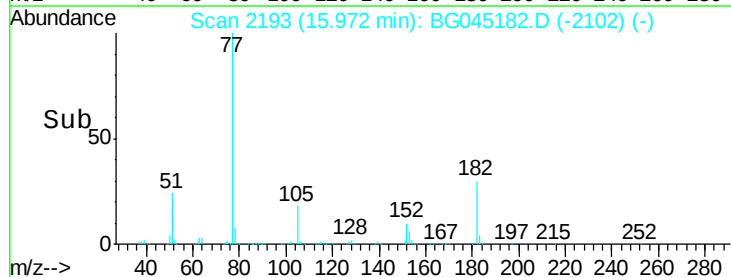
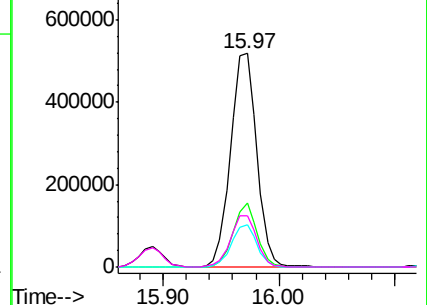


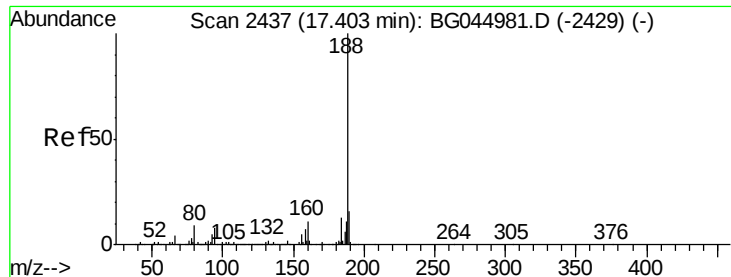
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

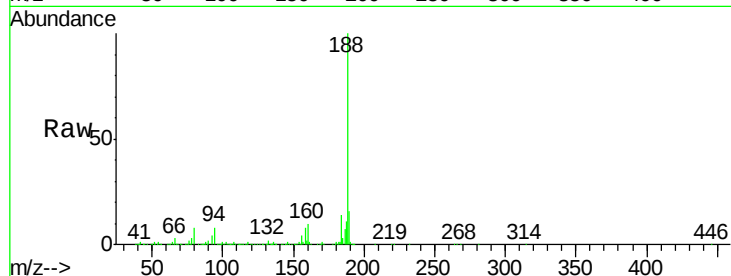
Tot Ion:188 Resp: 495383

Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.4

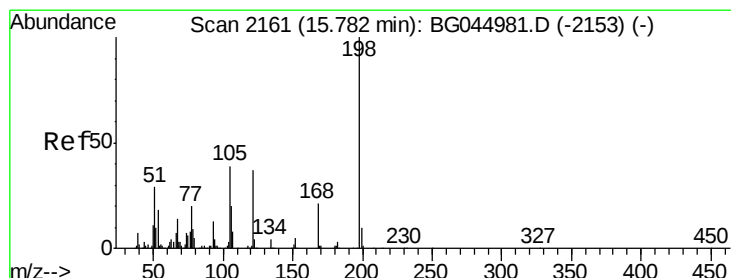
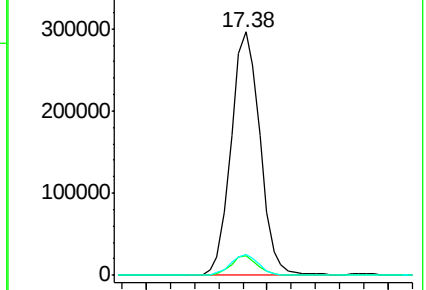
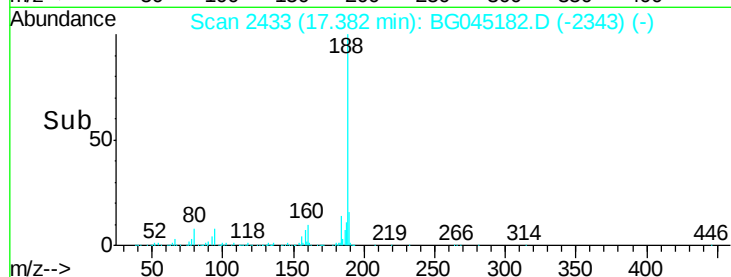
80 8.5 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

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: 55.101 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

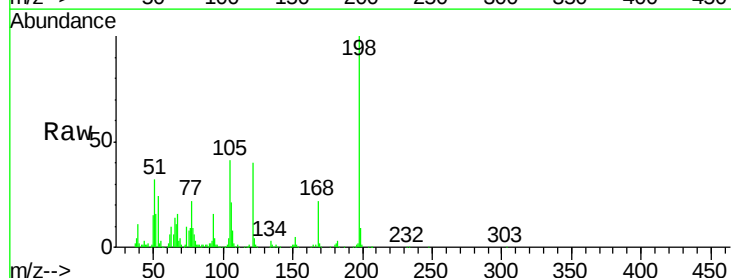
Tgt Ion:198 Resp: 179418

Ion Ratio Lower Upper

198 100

51 31.5 10.0 50.0

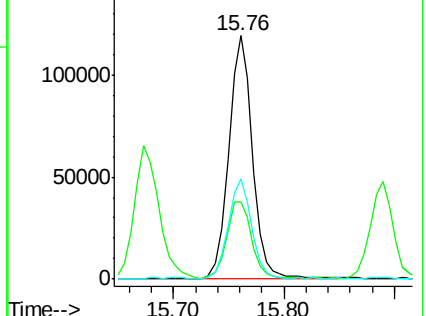
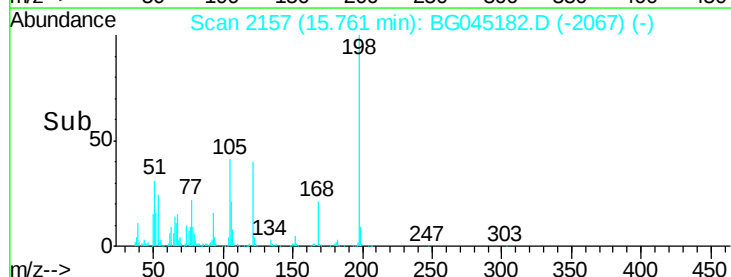
105 41.3 18.9 58.9

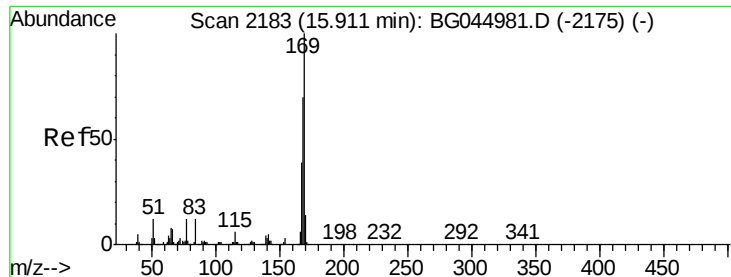


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

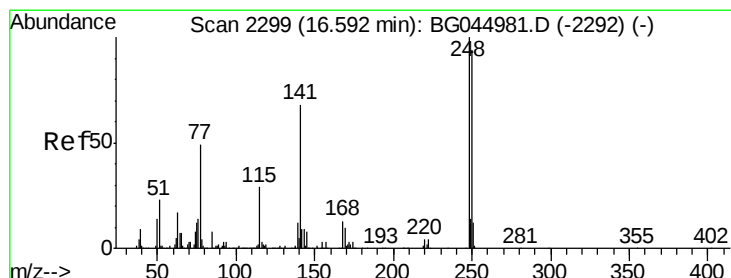
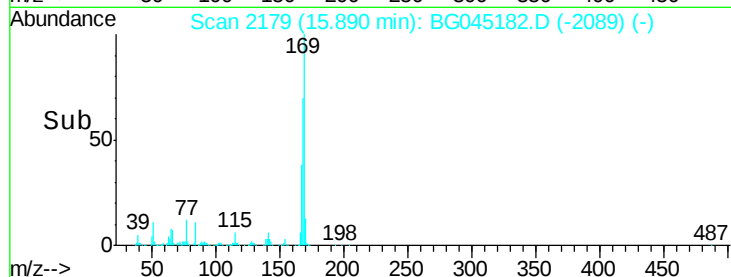
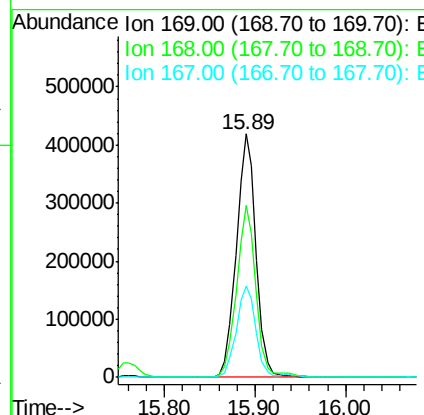
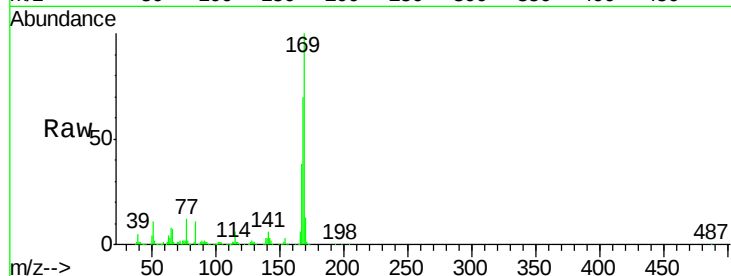




#66
 n-Nitrosodiphenylamine
 Concen: 44.361 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

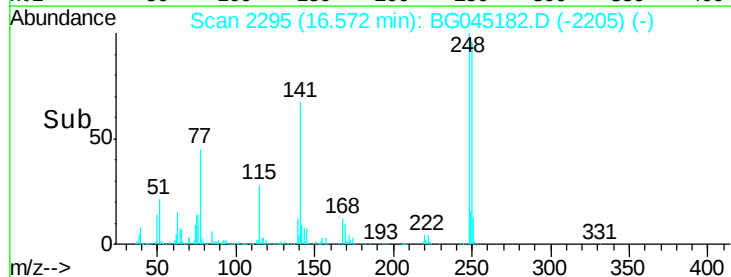
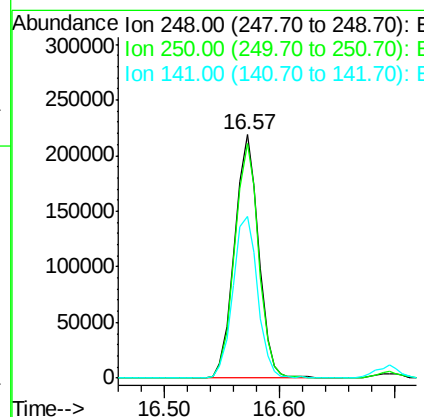
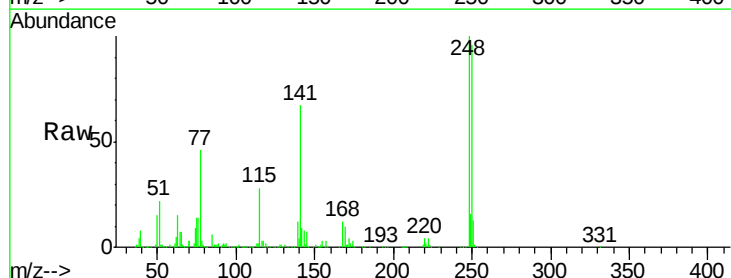
Instrument :
 BNA_G
 ClientSampled :

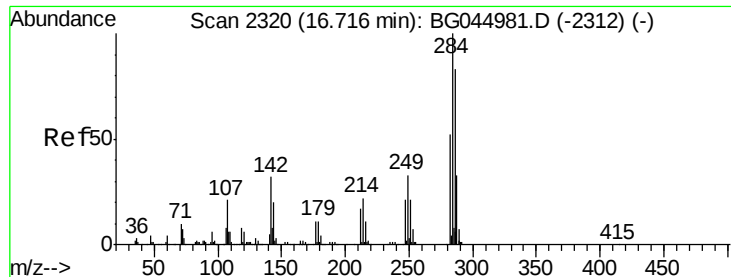
Tot Ion	169	Resp	631406
Ion Ratio	100		
Lower	55.8		
Upper	83.8		
168	70.4		
167	37.6		



#67
 4-Bromophenyl-phenylether
 Concen: 49.360 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion	248	Resp	315454
Ion Ratio	100		
Lower	75.4		
Upper	113.2		
250	96.2		
141	66.6		

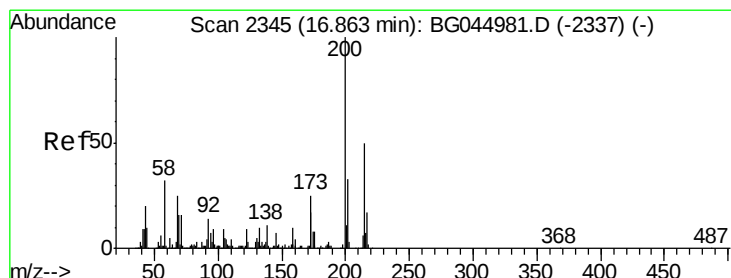
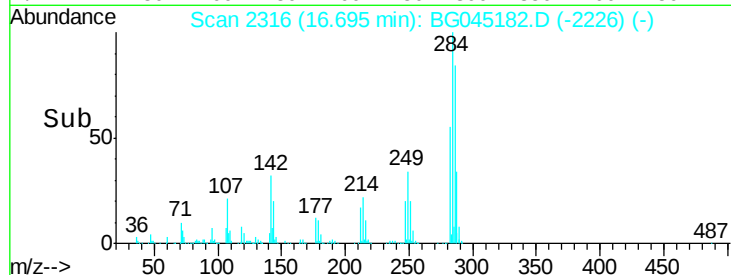
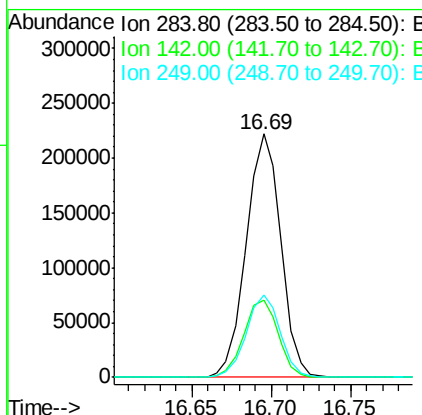
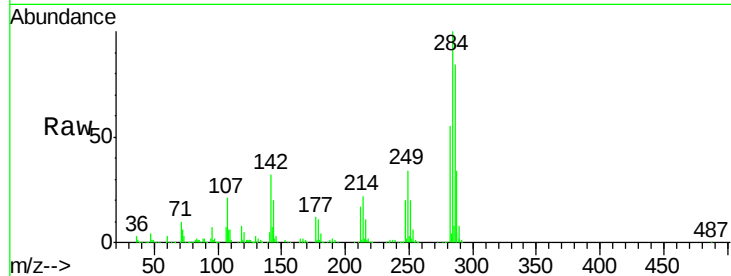




#68
Hexachlorobenzene
Concen: 50.843 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

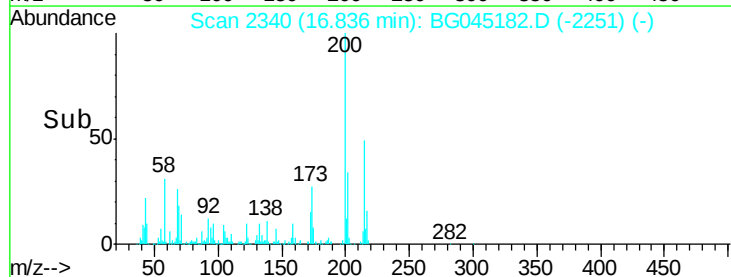
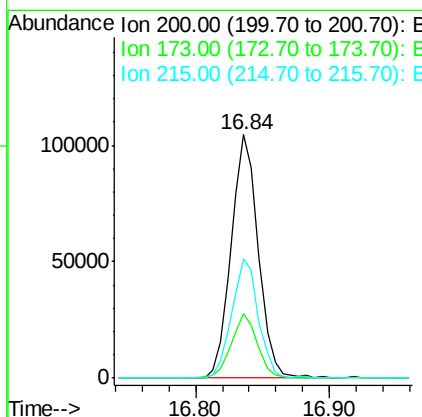
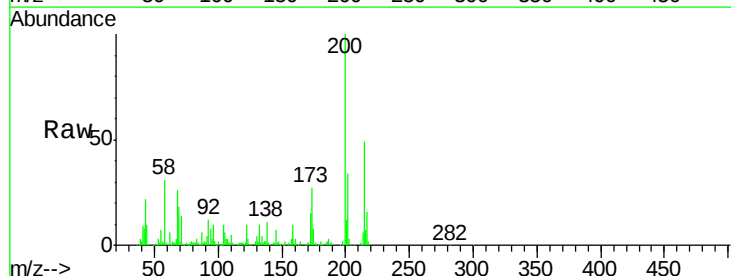
Instrument :
BNA_G
ClientSampled :

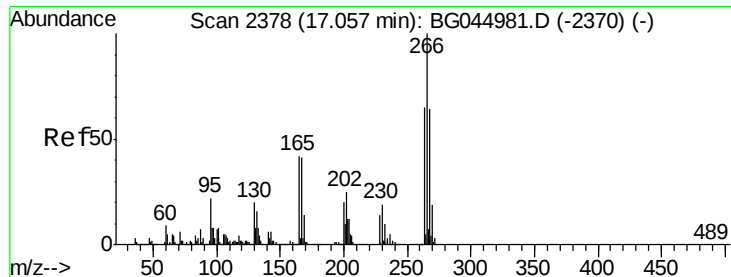
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.8	38.6
249	34.0	26.6	39.8



#69
Atrazine
Concen: 26.633 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	4.5	44.5
215	49.3	30.0	70.0

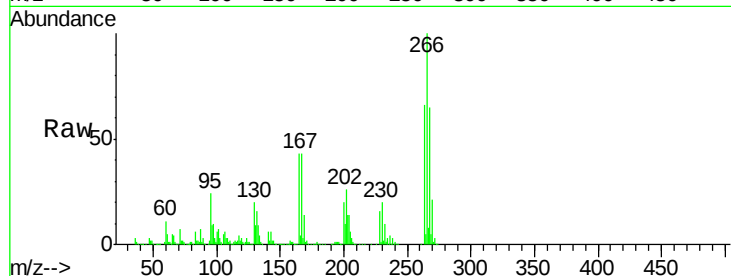




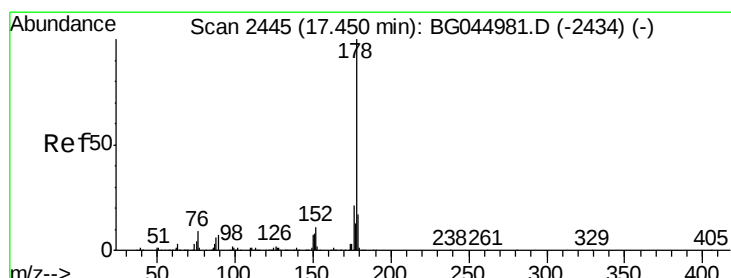
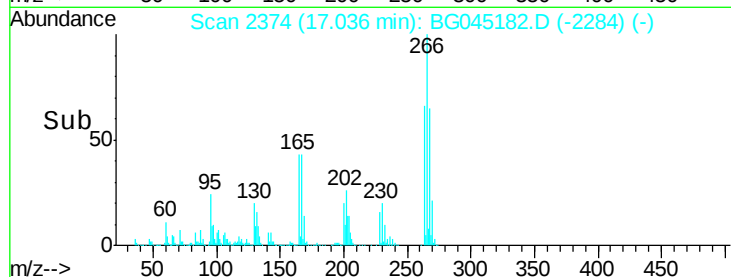
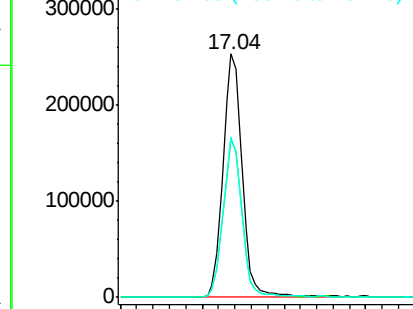
#70
 Pentachlorophenol
 Concen: 102.607 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 417207
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.5 77.3
 264 66.2 52.2 78.4

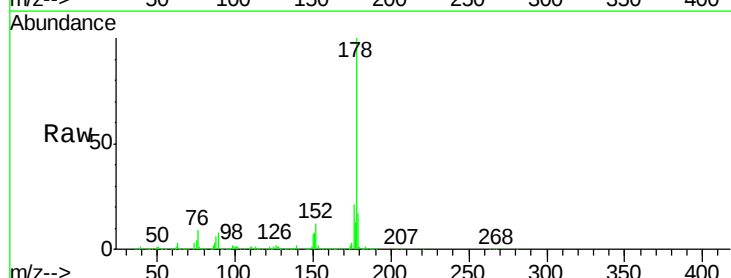


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

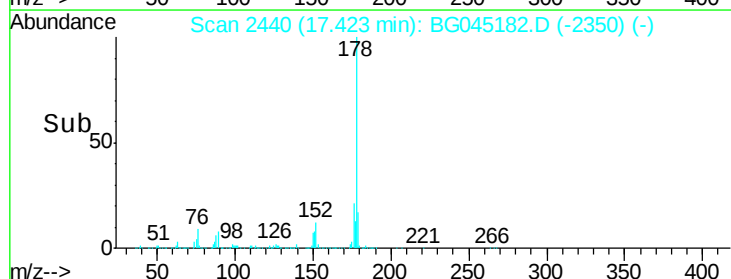
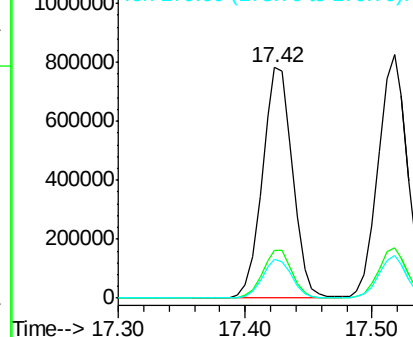


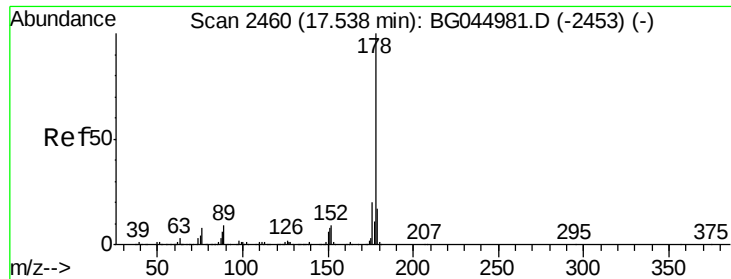
#71
 Phenanthrene
 Concen: 50.863 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion:178 Resp: 1294781
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.8 25.2
 179 17.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 52.330 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

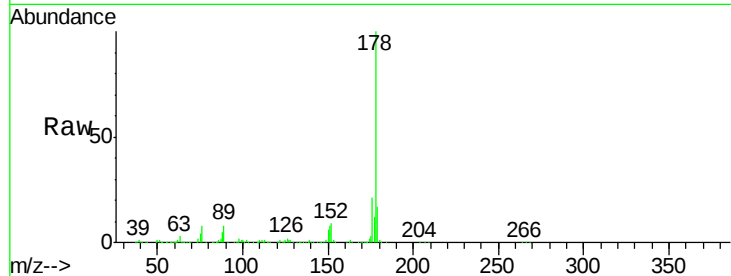
Tot Ion:178 Resp: 1336279

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.0	24.0
179	17.3	13.6	20.4

178 100

176 20.9 16.0 24.0

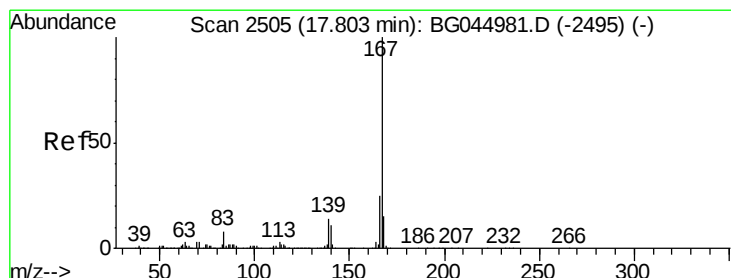
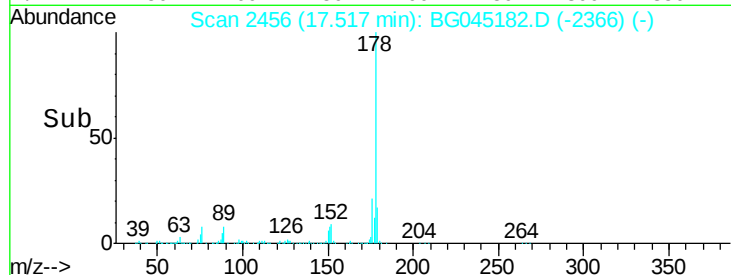
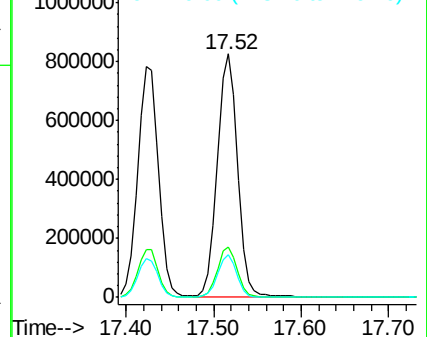
179 17.3 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 40.515 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

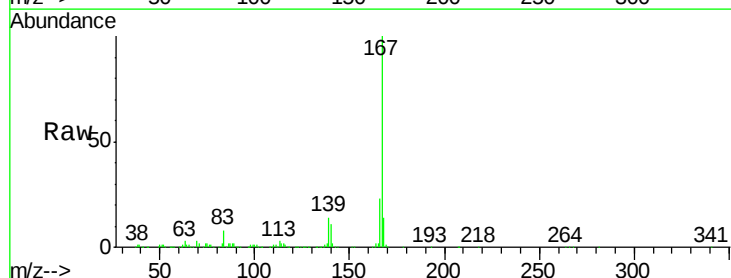
Tgt Ion:167 Resp: 1049898

Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	13.7	10.9	16.3

167 100

166 23.2 19.8 29.6

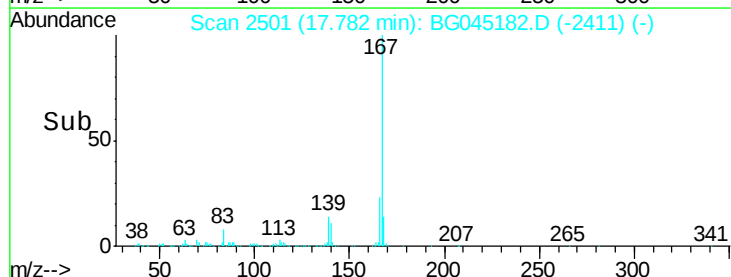
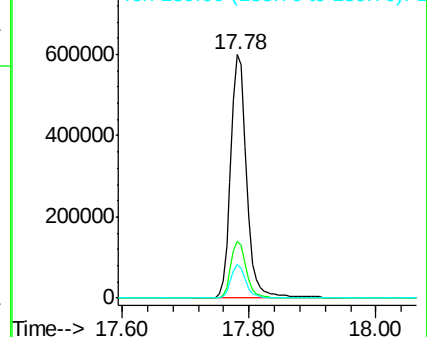
139 13.7 10.9 16.3

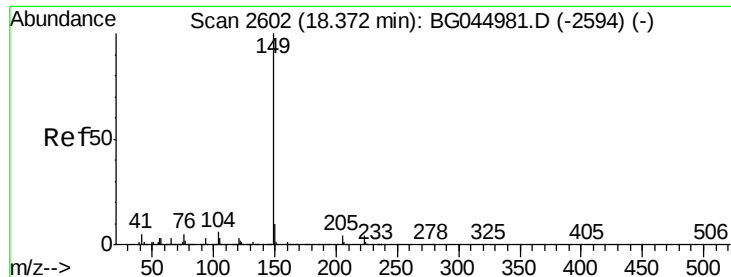


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 53.677 ng

RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

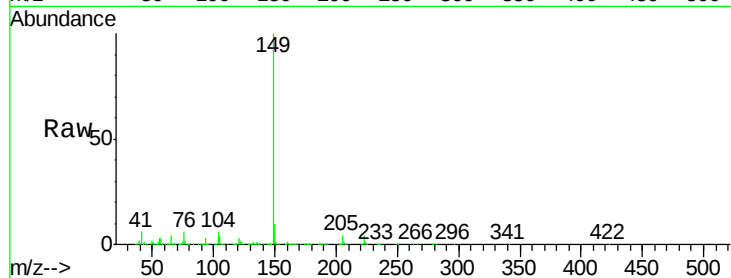
Tot Ion:149 Resp: 1481103

Ion Ratio Lower Upper

149 100

150 10.4 8.2 12.2

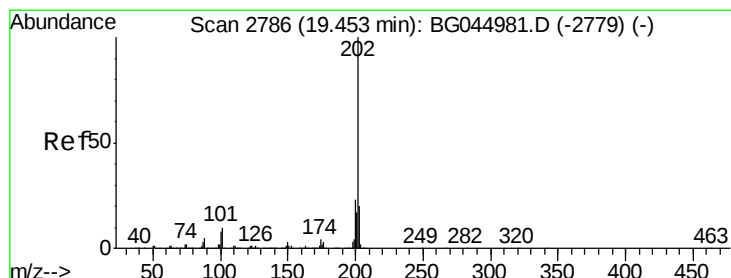
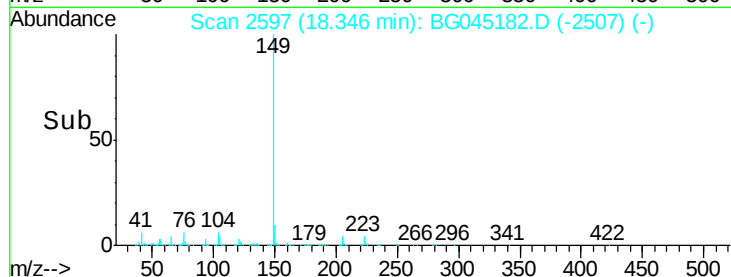
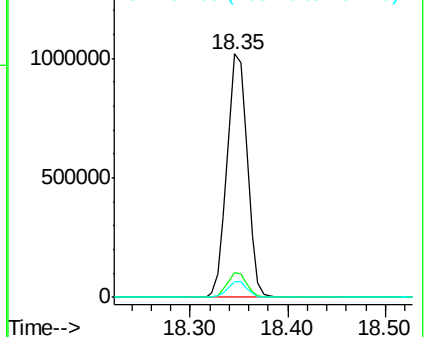
104 6.4 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 55.187 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

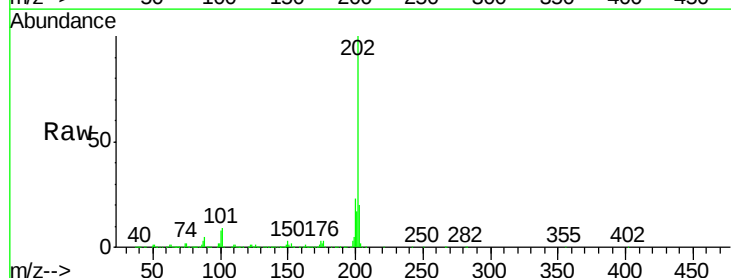
Tgt Ion:202 Resp: 1609457

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.6

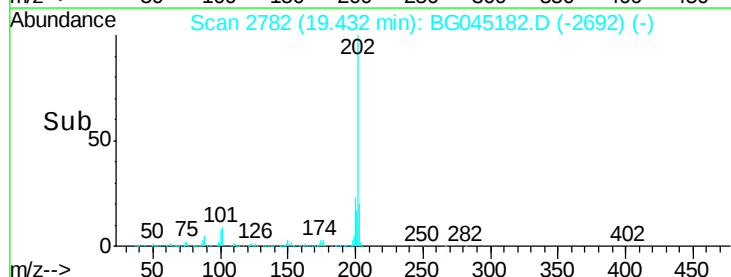
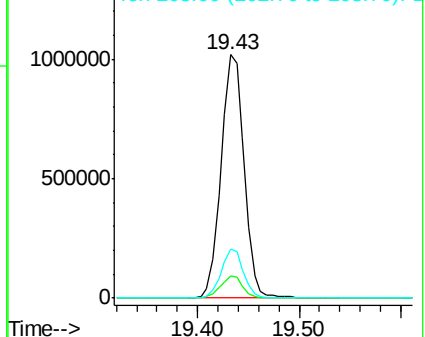
203 20.1 0.0 39.7

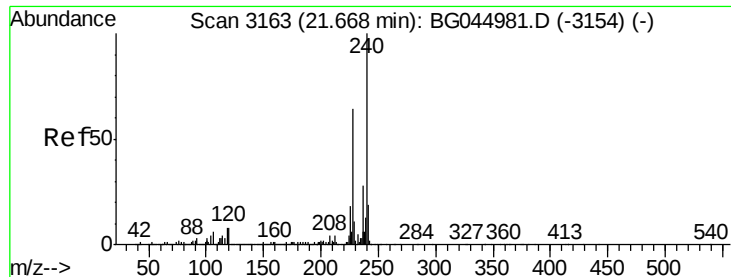


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

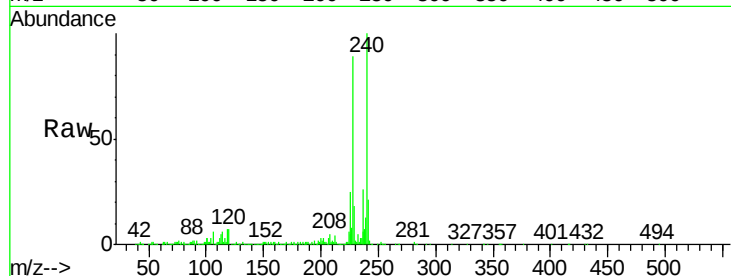
Tot Ion:240 Resp: 448174

Ion Ratio Lower Upper

240 100

120 6.7 6.6 10.0

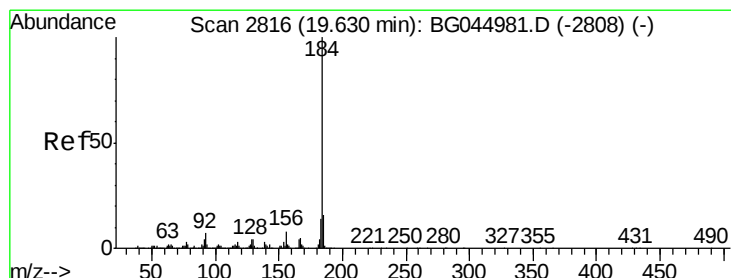
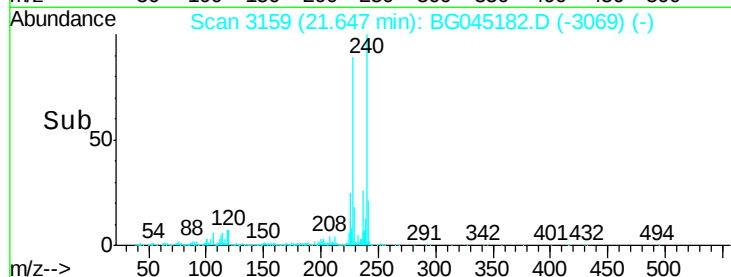
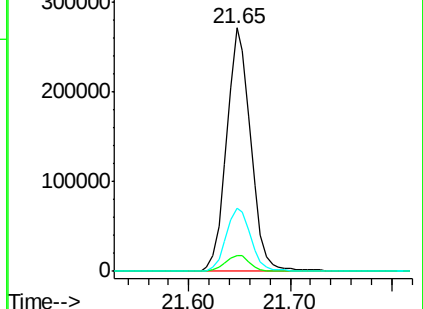
236 25.7 22.2 33.2



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: Below Cal

RT: 19.67 min Scan# 2822

Delta R.T. 0.06 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

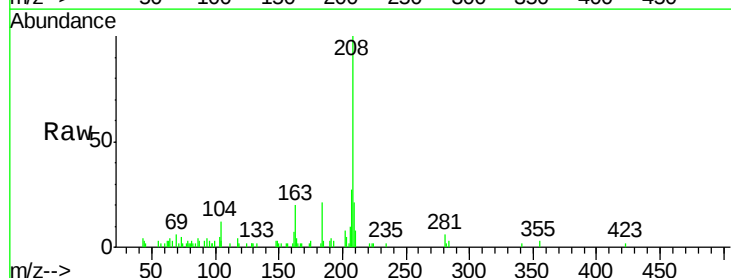
Tgt Ion:184 Resp: 3757

Ion Ratio Lower Upper

184 100

185 12.6 12.6 19.0#

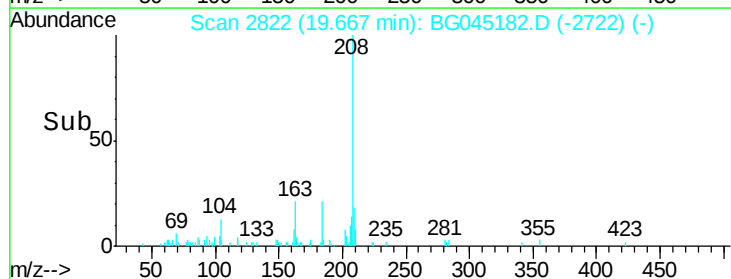
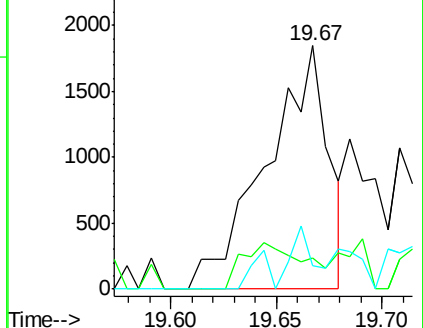
183 9.9 11.3 16.9#

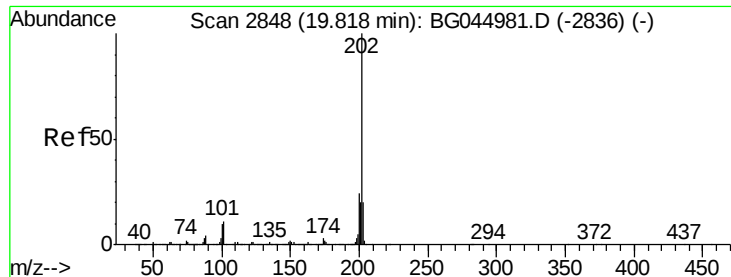


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 51.807 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

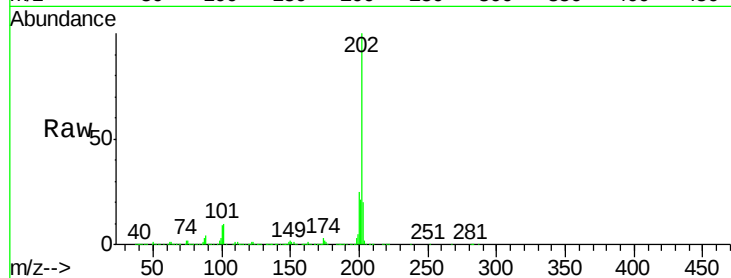
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1600699

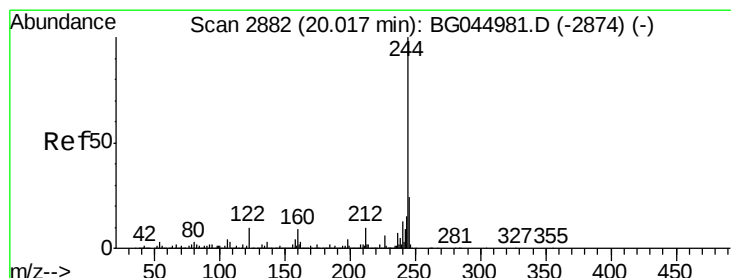
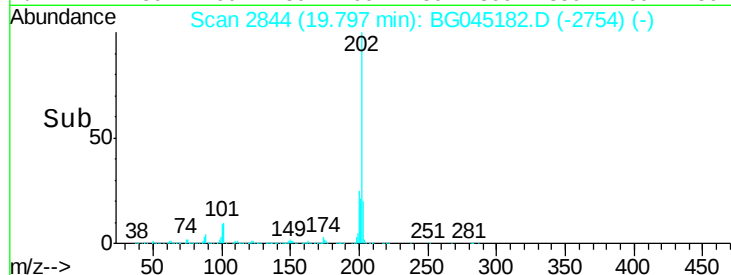
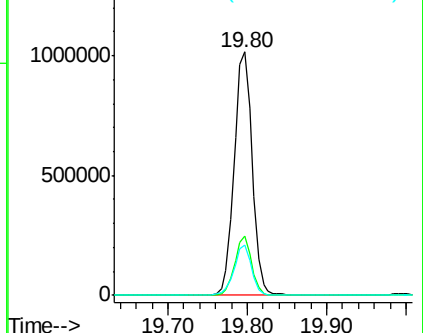
Ion	Ratio	Lower	Upper
202	100		
200	24.6	19.0	28.6
203	20.4	16.1	24.1



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: 113.455 ng

RT: 20.00 min Scan# 2878

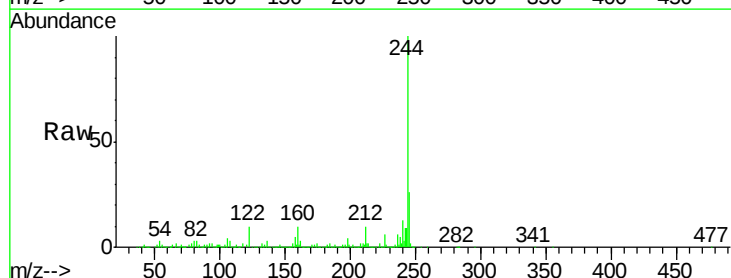
Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion:244 Resp: 2332913

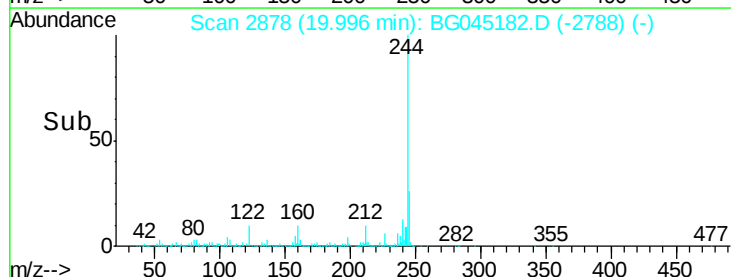
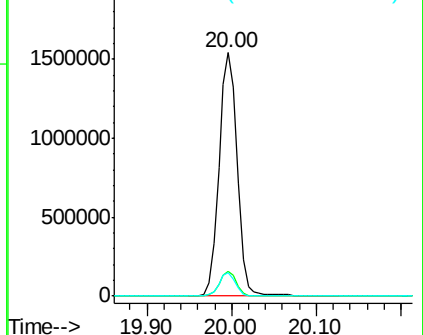
Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.9	11.9
122	9.6	7.7	11.5

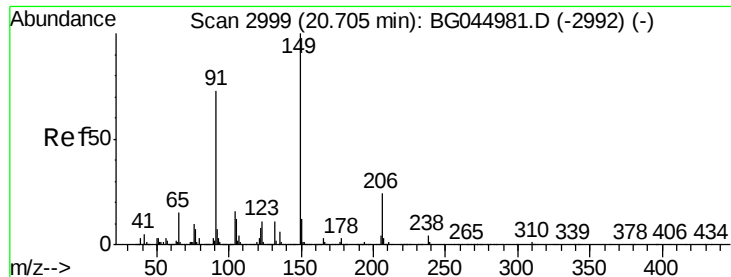


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 50.883 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

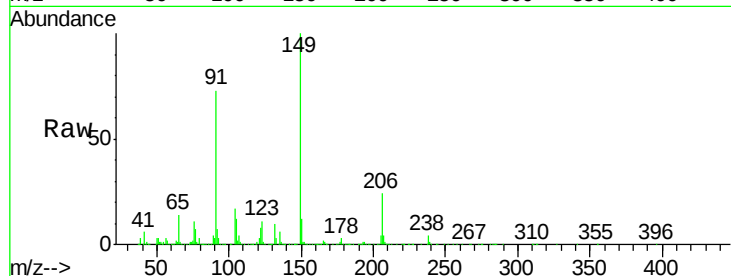
Tot Ion:149 Resp: 651680

Ion Ratio Lower Upper

149 100

91 73.3 58.5 87.7

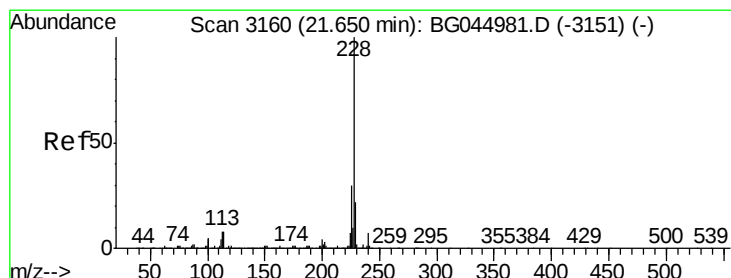
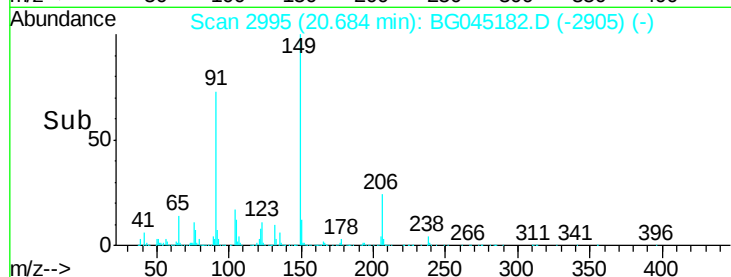
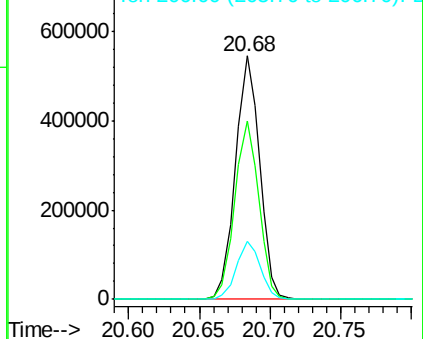
206 24.1 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG044981.D (-2992) (-)

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 50.959 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

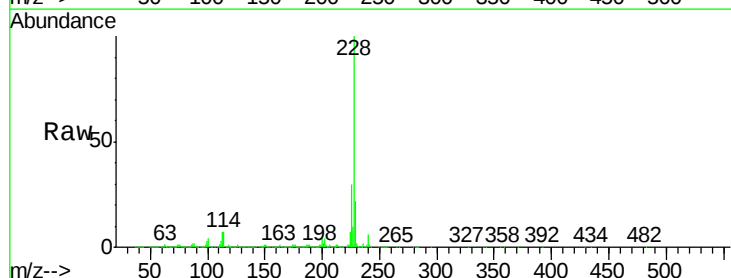
Tgt Ion:228 Resp: 1480266

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

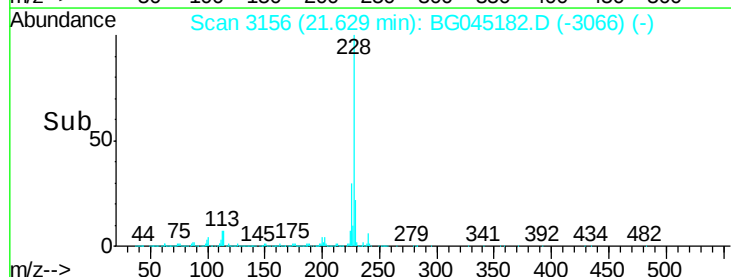
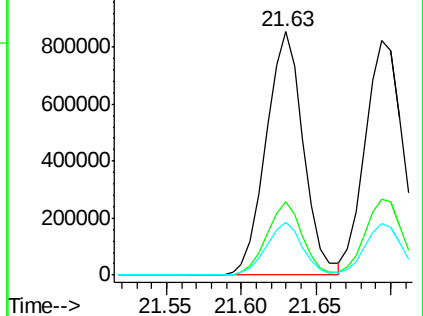
229 21.8 17.5 26.3

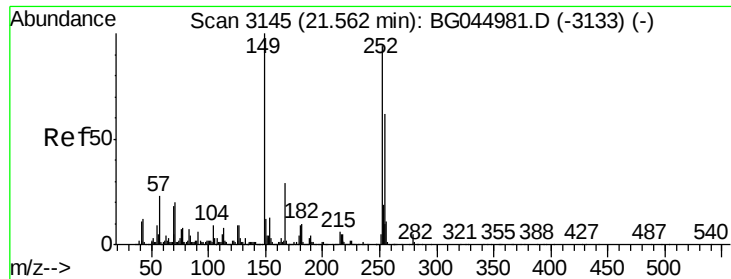


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

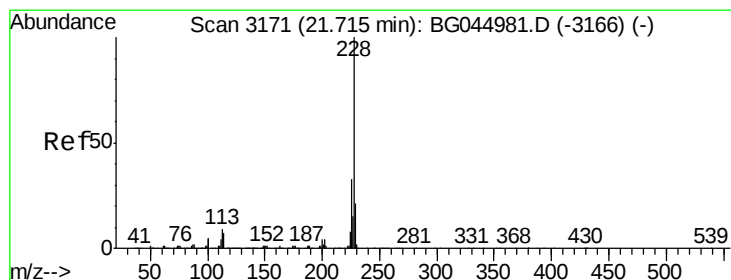
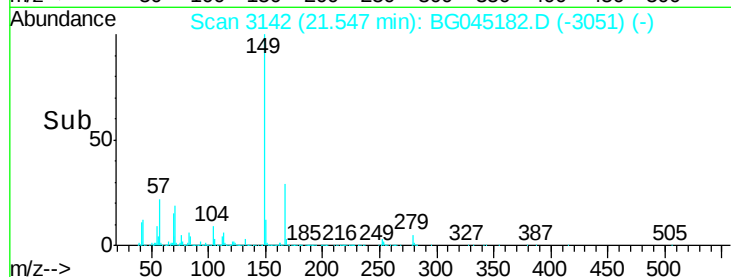
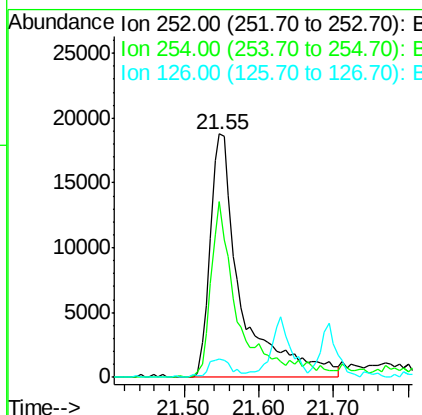
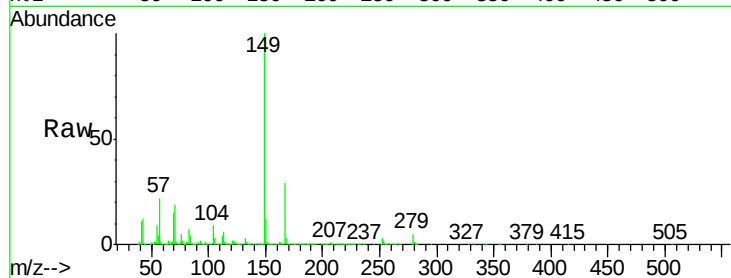




#82
 3,3'-Dichlorobenzidine
 Concen: 4.644 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

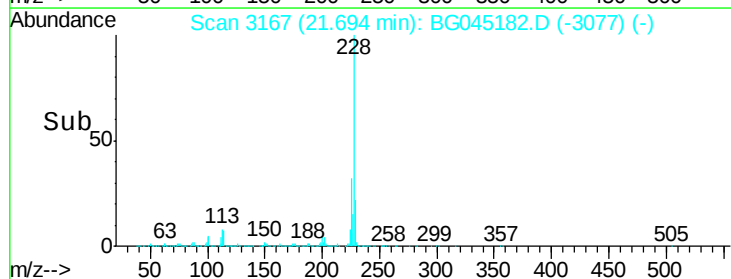
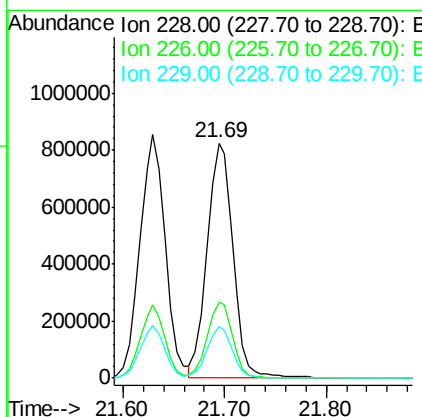
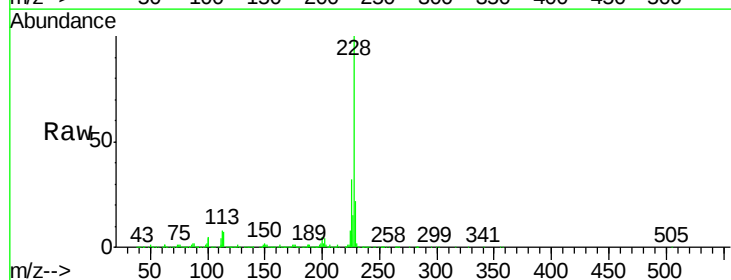
Instrument :
 BNA_G
 ClientSampleId :

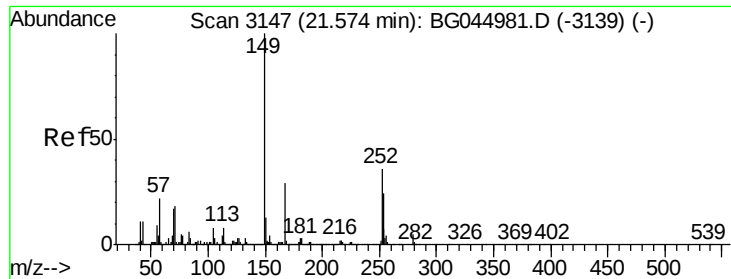
Tot Ion:252 Resp: 53694
 Ion Ratio Lower Upper
 252 100
 254 72.3 52.6 79.0
 126 7.6 7.5 11.3



#83
 Chrysene
 Concen: 51.935 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG045182.D
 Acq: 27 Apr 2020 17:14

Tgt Ion:228 Resp: 1449510
 Ion Ratio Lower Upper
 228 100
 226 32.3 26.2 39.4
 229 22.0 17.0 25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.846 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

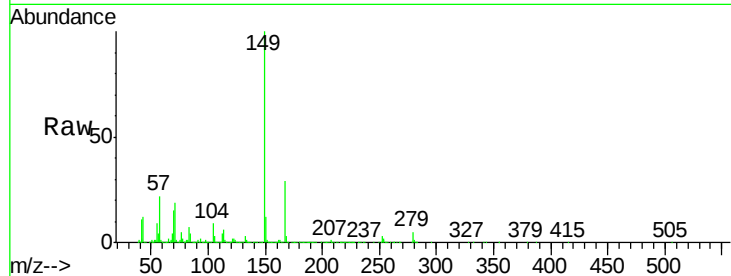
Tot Ion:149 Resp: 913236

Ion Ratio Lower Upper

149 100

167 28.8 23.4 35.0

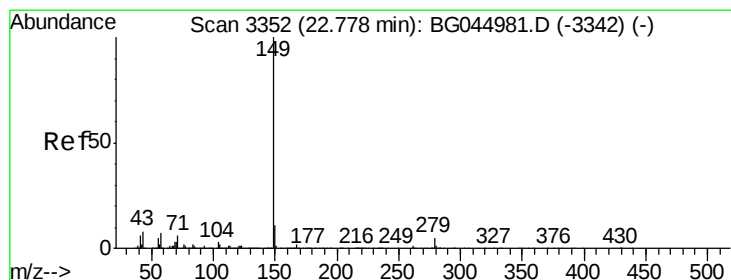
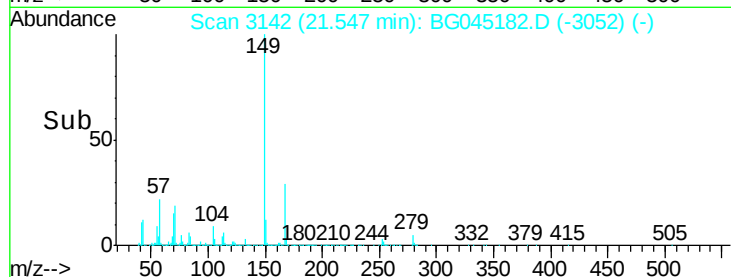
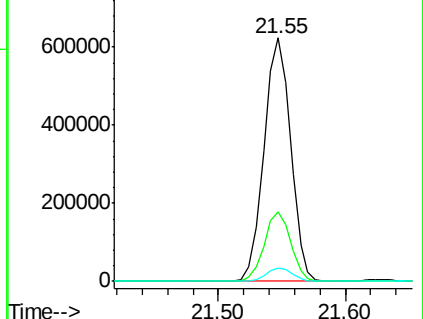
279 5.4 4.3 6.5



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: 50.592 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

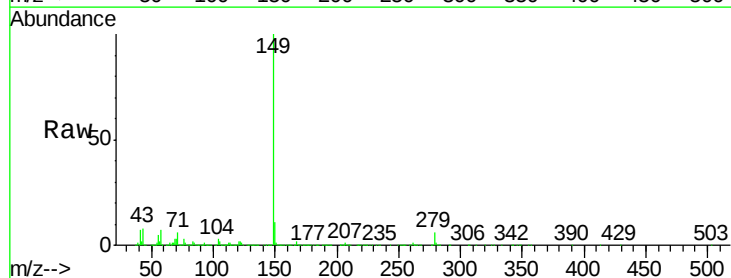
Tgt Ion:149 Resp: 1541044

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

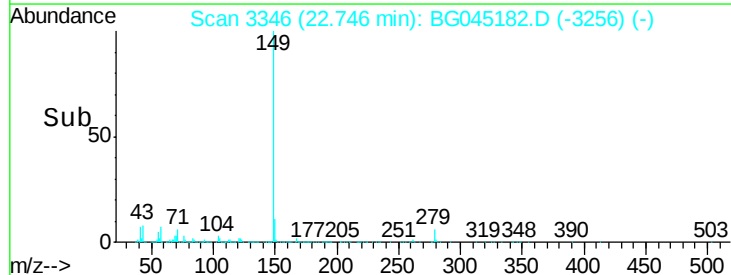
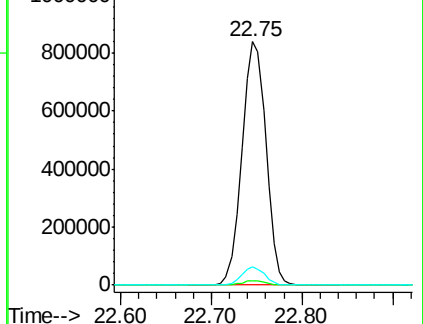
43 7.2 5.7 8.5

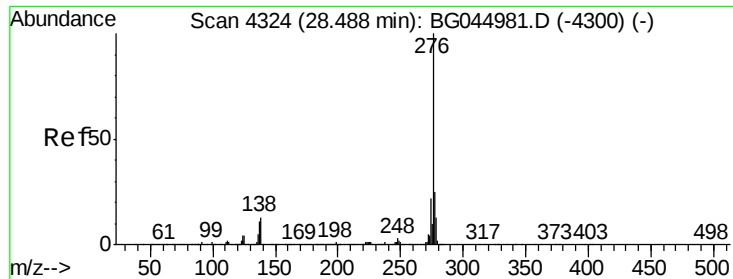


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

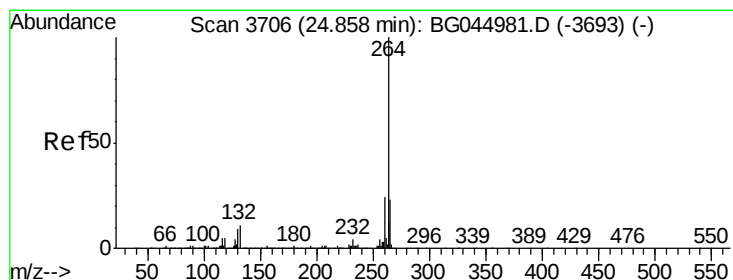
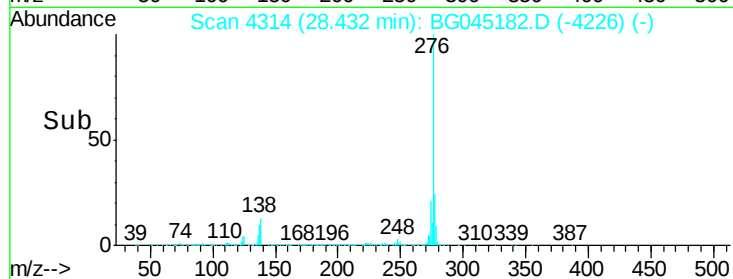
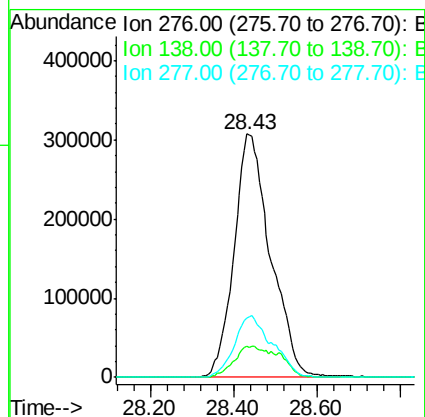
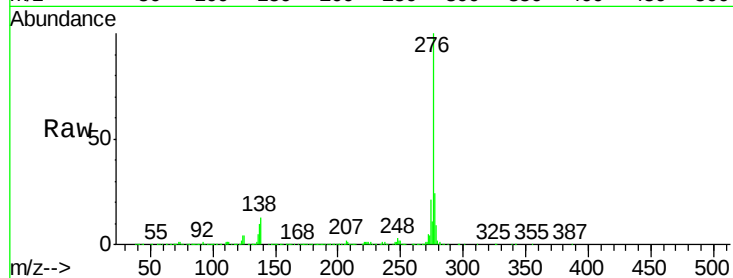




#86
Indeno(1,2,3-cd)pyrene
Concen: 50.422 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

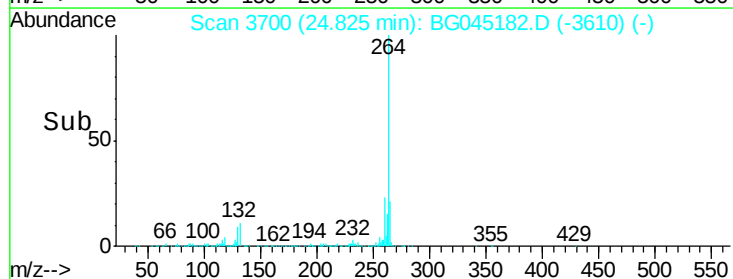
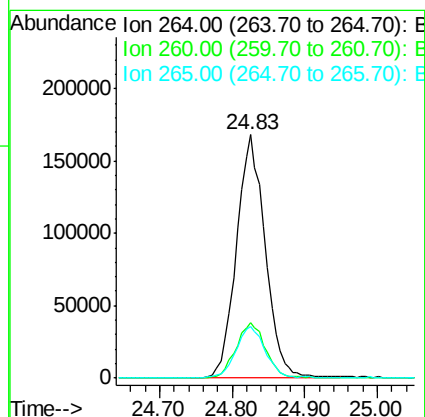
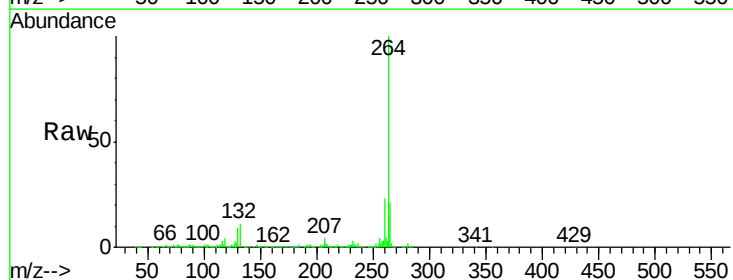
Instrument :
BNA_G
ClientSampleId :

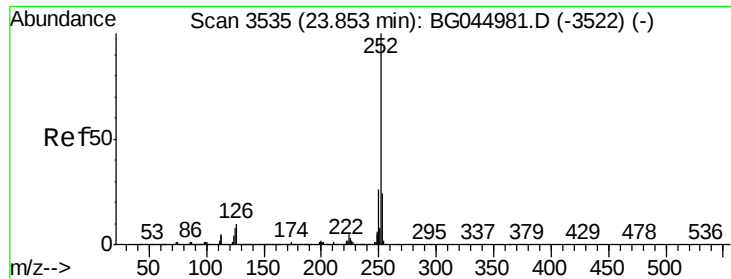
Tot Ion:276 Resp: 1868398
Ion Ratio Lower Upper
276 100
138 12.8 9.6 14.4
277 26.3 20.6 31.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:264 Resp: 463273
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.2 19.0 28.4

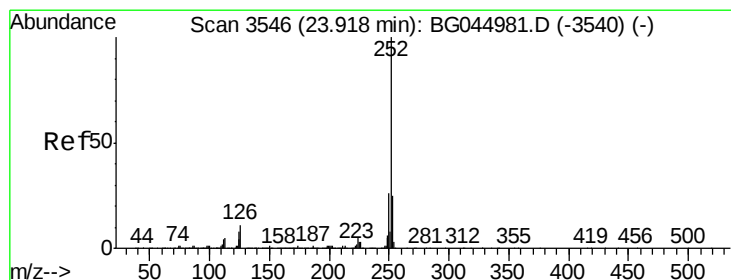
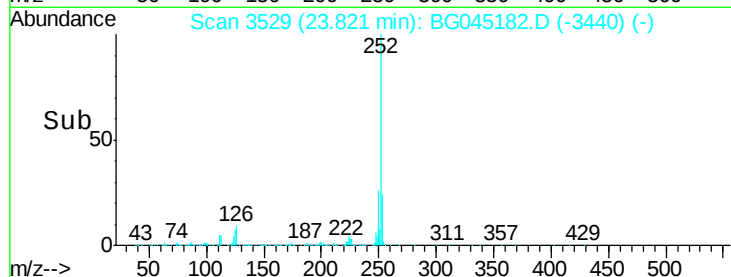
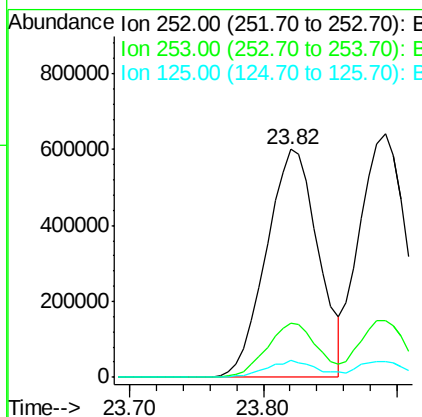
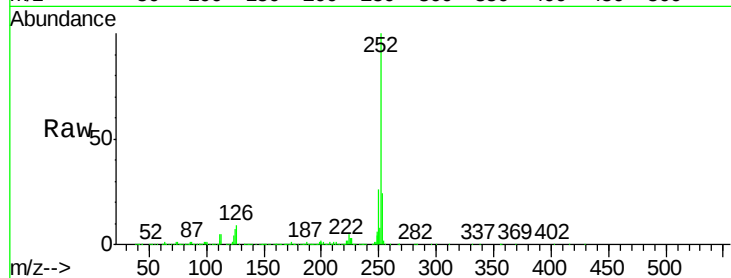




#88
Benzo(b)fluoranthene
Concen: 55.775 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

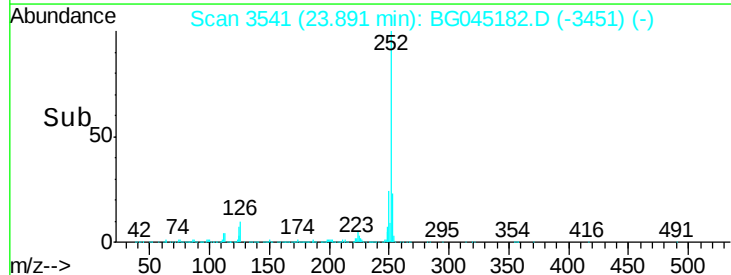
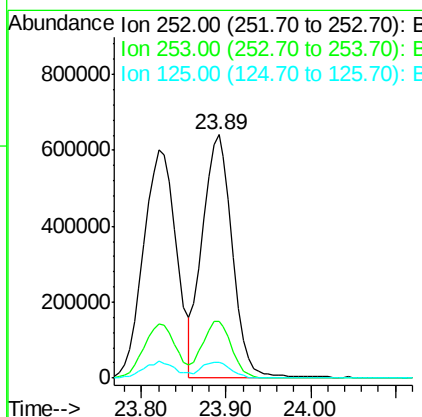
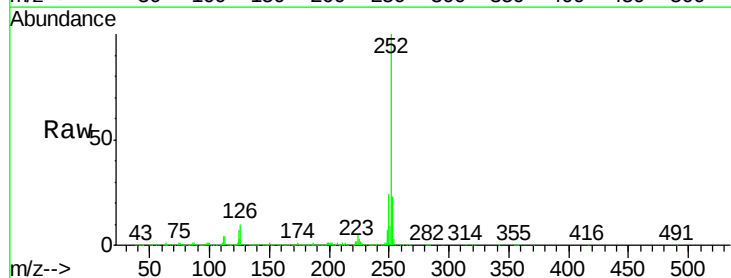
Instrument :
BNA_G
ClientSampleId :

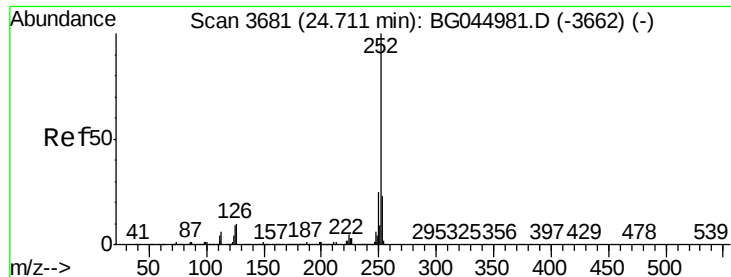
Tot Ion:252 Resp: 1618533
Ion Ratio Lower Upper
252 100
253 23.6 18.8 28.2
125 7.4 6.2 9.4



#89
Benzo(k)fluoranthene
Concen: 57.351 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045182.D
Acq: 27 Apr 2020 17:14

Tgt Ion:252 Resp: 1582721
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 6.6 5.9 8.9





#90

Benzo(a)pyrene

Concen: 52.721 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

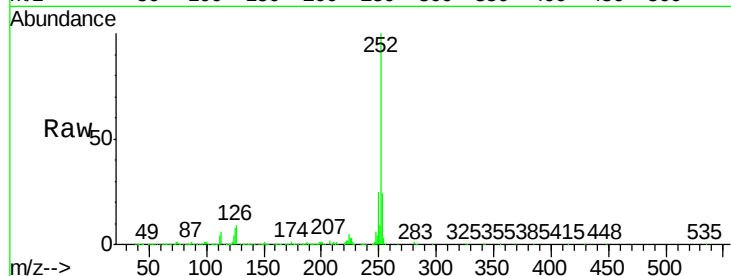
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1444485

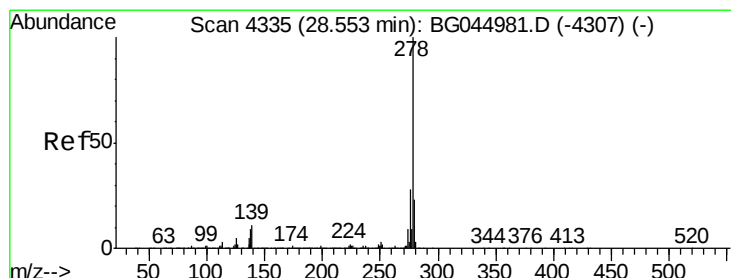
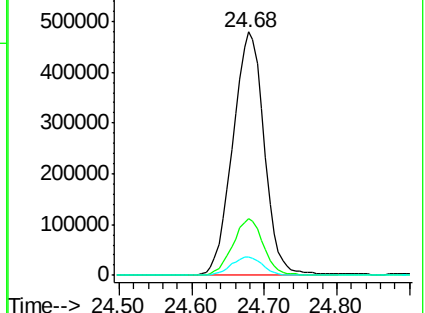
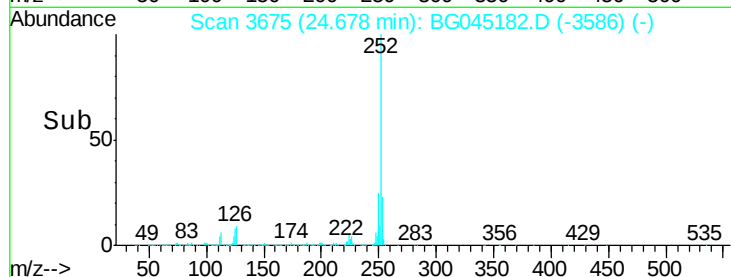
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	7.7	7.0	10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 56.420 ng

RT: 28.50 min Scan# 4326

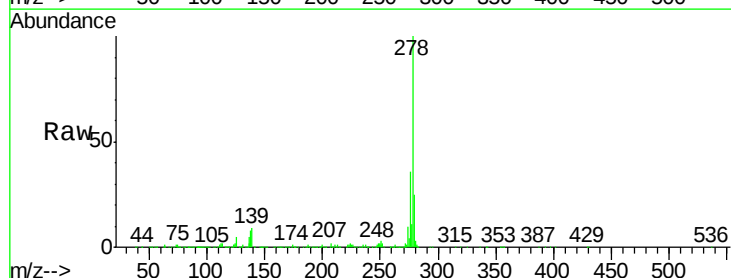
Delta R.T. -0.01 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Tgt Ion:278 Resp: 1557647

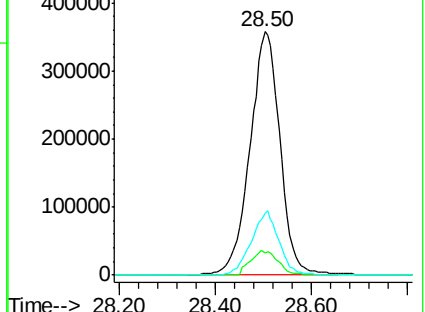
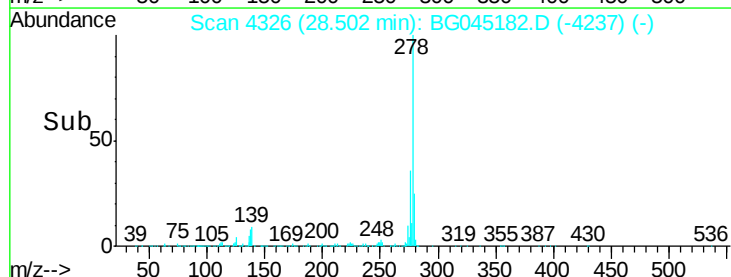
Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.0	13.6
279	25.2	18.4	27.6

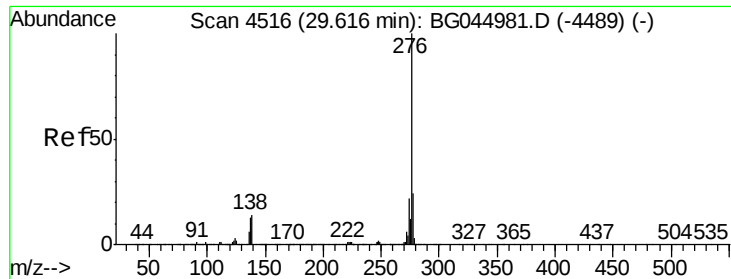


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 54.147 ng

RT: 29.57 min Scan# 4507

Delta R.T. -0.01 min

Lab File: BG045182.D

Acq: 27 Apr 2020 17:14

Instrument :

BNA_G

ClientSampleId :

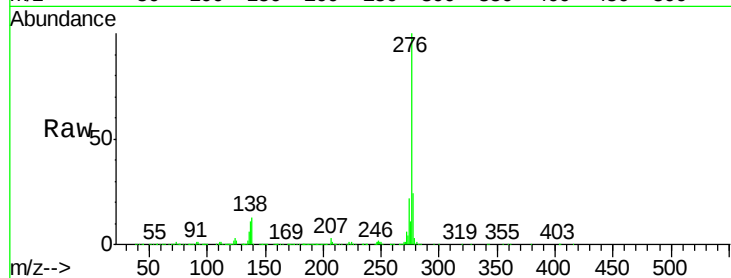
Tot Ion:276 Resp: 1498710

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 13.5 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

