

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045136.D
 Acq On : 22 Apr 2020 21:26
 Operator : CG/JU
 Sample : L2327-30MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 23 02:19:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	85221	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	337583	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	230723	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	510281	20.00	ng	0.00
76) Chrysene-d12	21.67	240	452939	20.00	ng	0.00
87) Perylene-d12	24.86	264	508607	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	740811	143.51	ng	0.00
7) Phenol-d6	7.19	99	1052150	137.19	ng	0.00
23) Nitrobenzene-d5	9.18	82	691764	93.50	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	497866	139.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1533286	97.45	ng	0.00
79) Terphenyl-d14	20.01	244	2206331	106.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	90548	39.471	ng	97
3) Pyridine	3.87	79	265671	37.613	ng	99
4) n-Nitrosodimethylamine	3.78	42	109034	50.391	ng	88
6) Aniline	7.34	93	349490	35.048	ng	97
8) 2-Chlorophenol	7.58	128	308594	55.626	ng	96
9) Benzaldehyde	7.14	77	149169	32.557	ng	98
10) Phenol	7.21	94	412231	53.714	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	287701	47.084	ng	97
12) 1,3-Dichlorobenzene	7.91	146	332300	50.832	ng	98
13) 1,4-Dichlorobenzene	8.05	146	332890	51.104	ng	98
14) 1,2-Dichlorobenzene	8.37	146	316081	50.721	ng	96
15) Benzyl Alcohol	8.25	79	307806	47.869	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	256382	42.744	ng	97
17) 2-Methylphenol	8.46	107	278785	47.082	ng	97
18) Hexachloroethane	9.11	117	125143	51.104	ng	91
19) n-Nitroso-di-n-propylamine	8.82	70	244497	45.079	ng	95
20) 3+4-Methylphenols	8.79	107	386127	46.588	ng	98
22) Acetophenone	8.84	105	460593	50.453	ng	# 97
24) Nitrobenzene	9.22	77	385568	50.842	ng	97
25) Isophorone	9.75	82	689900	45.535	ng	98
26) 2-Nitrophenol	9.93	139	180873	55.369	ng	99
27) 2,4-Dimethylphenol	10.00	122	279837	53.989	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	395640	49.700	ng	98
29) 2,4-Dichlorophenol	10.48	162	327195	54.669	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	362419	53.483	ng	97
31) Naphthalene	10.87	128	950557	51.472	ng	99
32) Benzoic acid	10.16	122	220886	52.121	ng	98
33) 4-Chloroaniline	10.97	127	126518	14.690	ng	95
34) Hexachlorobutadiene	11.17	225	244629	52.654	ng	97
35) Caprolactam	11.76	113	68979	28.958	ng	90
36) 4-Chloro-3-methylphenol	12.11	107	363976	51.768	ng	97
37) 2-Methylnaphthalene	12.48	142	714124	49.820	ng	96
38) 1-Methylnaphthalene	12.70	142	679078	50.183	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	407882	54.906	ng	100

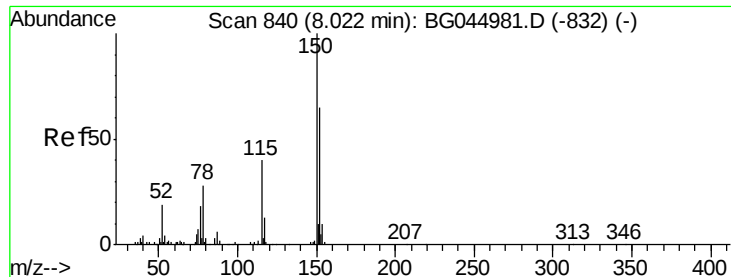
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
 Data File : BG045136.D
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 QLast Update : Wed Apr 22 12:56:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	462786	99.673	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	295169	56.299	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	308084	51.625	ng	97
46) 1,1'-Biphenyl	13.49	154	901929	51.431	ng	98
47) 2-Chloronaphthalene	13.53	162	705975	52.686	ng	97
48) 2-Nitroaniline	13.72	65	222044	50.364	ng	94
49) Acenaphthylene	14.38	152	1128413	51.700	ng	99
50) Dimethylphthalate	14.11	163	1126765	59.977	ng	99
51) 2,6-Dinitrotoluene	14.22	165	217491	51.759	ng	98
52) Acenaphthene	14.72	154	702612	47.578	ng	99
53) 3-Nitroaniline	14.55	138	138395	30.030	ng	95
54) 2,4-Dinitrophenol	14.76	184	185334	74.174	ng	94
55) Dibenzofuran	15.05	168	1091168	50.681	ng	96
56) 4-Nitrophenol	14.88	139	342243	95.777	ng	94
57) 2,4-Dinitrotoluene	15.01	165	301401	49.082	ng	96
58) Fluorene	15.70	166	889884	50.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	289196	54.462	ng	98
60) Diethylphthalate	15.47	149	928020	47.380	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	495920	48.993	ng	98
62) 4-Nitroaniline	15.72	138	187280	39.180	ng	92
63) Azobenzene	15.99	77	901262	49.908	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	141563	42.206	ng	98
66) n-Nitrosodiphenylamine	15.91	169	791541	53.988	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	345674	52.510	ng	97
68) Hexachlorobenzene	16.71	284	371485	54.411	ng	98
69) Atrazine	16.85	200	319313	61.460	ng	96
70) Pentachlorophenol	17.05	266	455042	108.645	ng	98
71) Phenanthrene	17.44	178	1370258	52.256	ng	98
72) Anthracene	17.53	178	1396821	53.104	ng	98
73) Carbazole	17.80	167	1273278	47.701	ng	100
74) Di-n-butylphthalate	18.36	149	1492735	52.368	ng	99
75) Fluoranthene	19.45	202	1620694	53.789	ng	99
77) Benzidine	19.63	184	744955	58.582	ng	98
78) Pyrene	19.81	202	1581961	50.662	ng	98
80) Butylbenzylphthalate	20.70	149	664257	51.320	ng	99
81) Benzo(a)anthracene	21.65	228	1545458	52.644	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	458529	39.242	ng	99
83) Chrysene	21.71	228	1469646	52.103	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	916576	51.488	ng	100
85) Di-n-octyl phthalate	22.76	149	1537214	49.936	ng	99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2013391	53.763	ng	# 90
88) Benzo(b)fluoranthene	23.85	252	1682501	52.811	ng	99
89) Benzo(k)fluoranthene	23.92	252	1583725	52.272	ng	99
90) Benzo(a)pyrene	24.71	252	1548231	51.471	ng	# 98
91) Dibenzo(a,h)anthracene	28.54	278	1621538	53.499	ng	96
92) Benzo(g,h,i)perylene	29.60	276	1598525	52.605	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

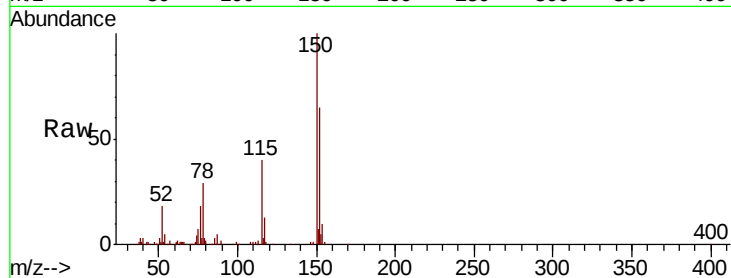
Tot Ion:152 Resp: 85221

Ion Ratio Lower Upper

152 100

150 153.4 123.6 185.4

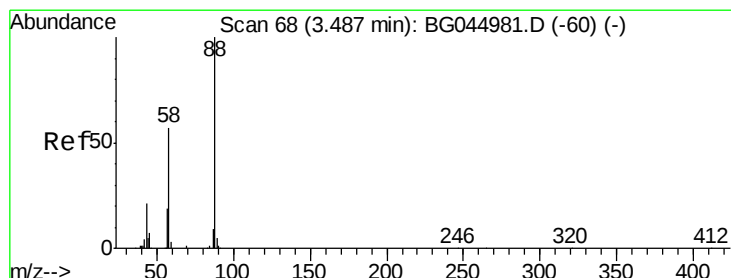
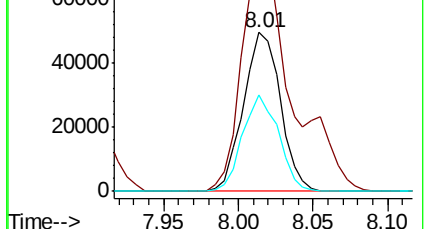
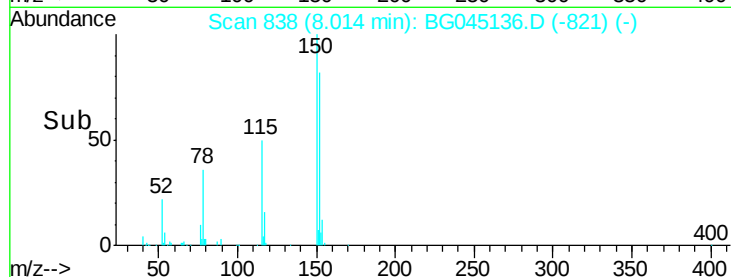
115 60.8 49.1 73.7



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: 39.471 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

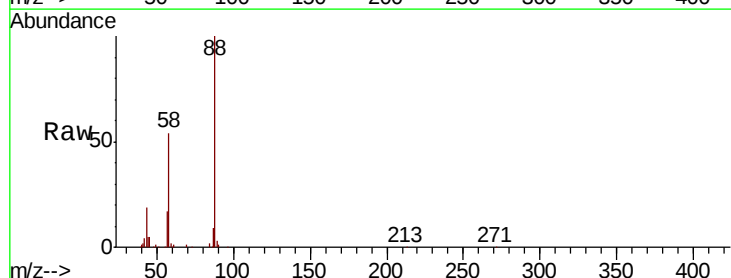
Tgt Ion: 88 Resp: 90548

Ion Ratio Lower Upper

88 100

58 55.1 46.6 69.8

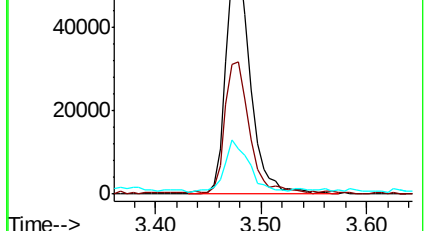
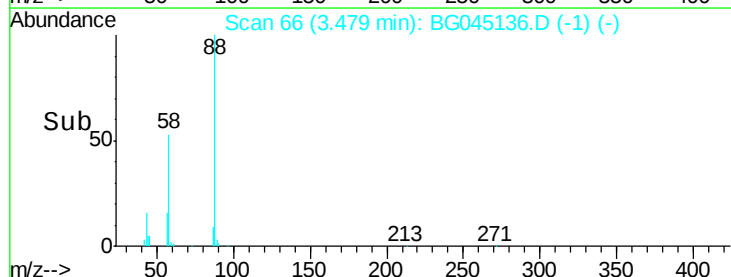
43 22.1 17.5 26.3

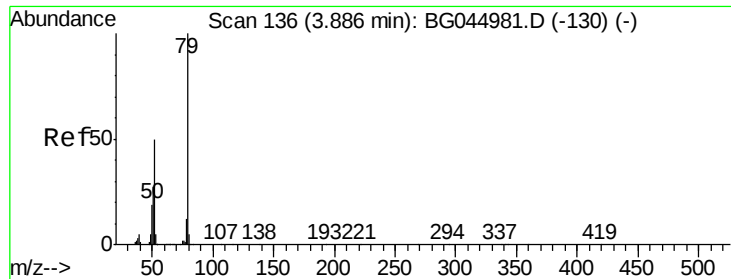


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.613 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

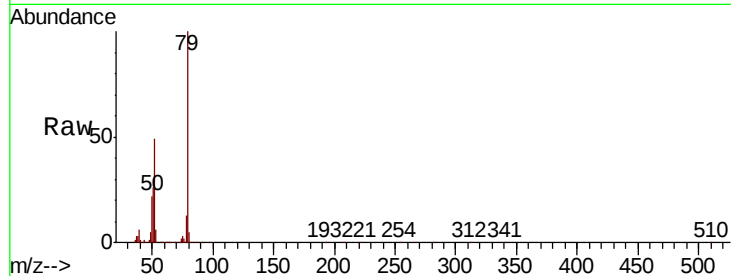
Tot Ion: 79 Resp: 265671

Ion Ratio Lower Upper

79 100

52 49.3 39.8 59.6

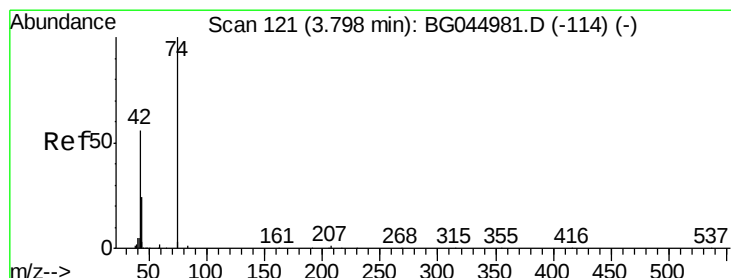
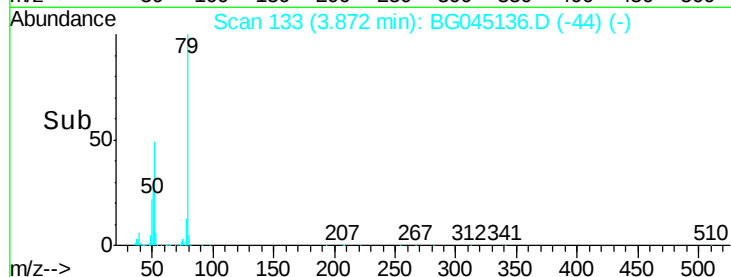
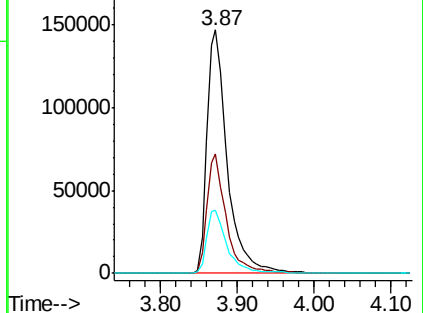
51 26.1 21.4 32.2



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: 50.391 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

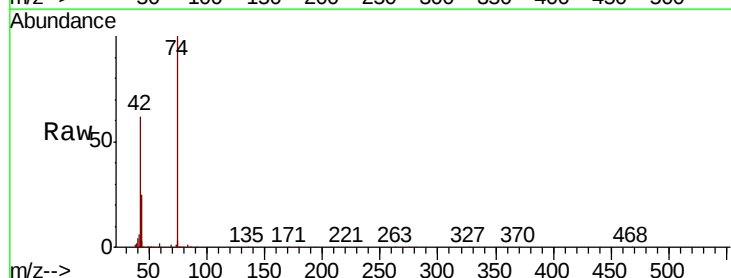
Tgt Ion: 42 Resp: 109034

Ion Ratio Lower Upper

42 100

74 161.1 143.0 214.6

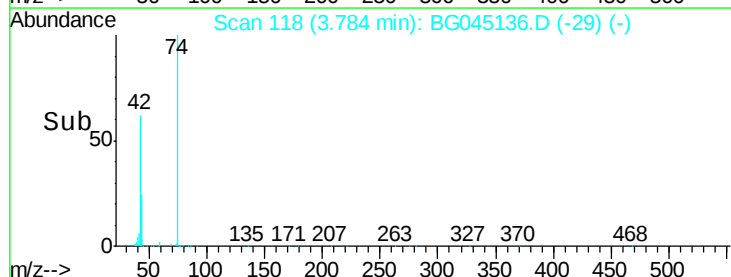
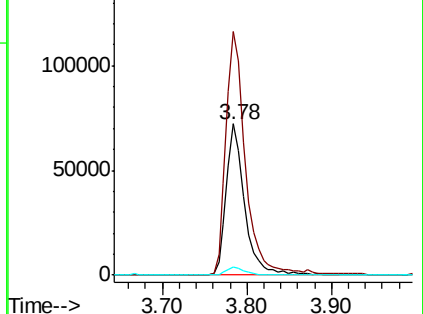
44 5.0 4.6 6.8

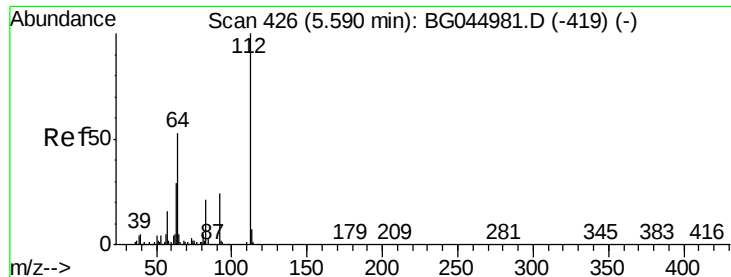


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 143.514 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampled :

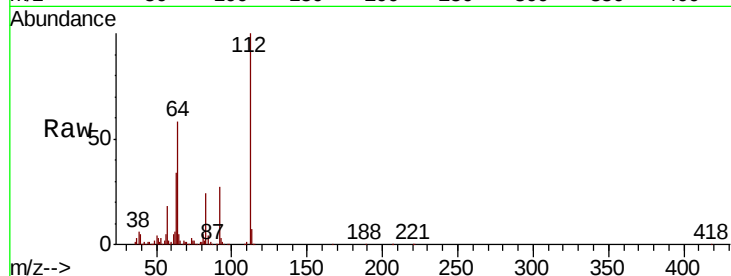
Tot Ion:112 Resp: 740811

Ion Ratio Lower Upper

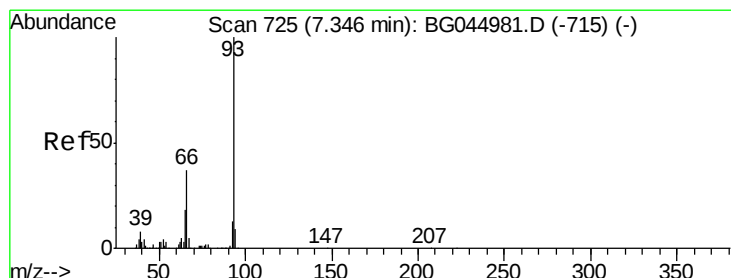
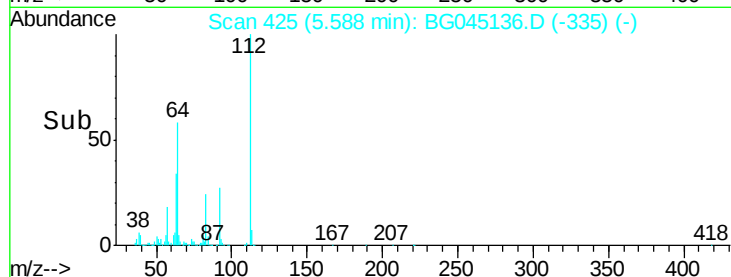
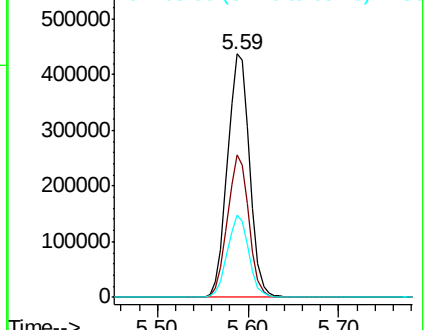
112 100

64 58.4 42.4 63.6

63 34.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.048 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

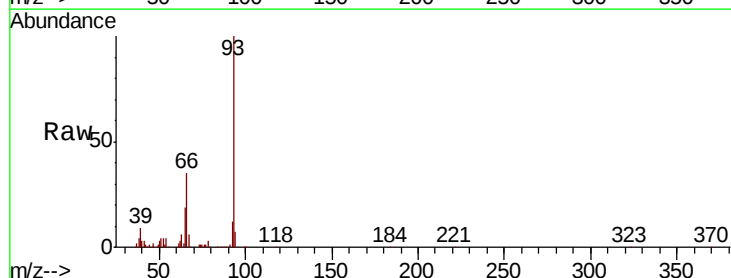
Tgt Ion: 93 Resp: 349490

Ion Ratio Lower Upper

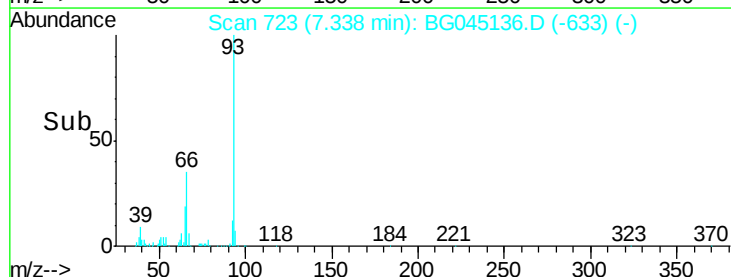
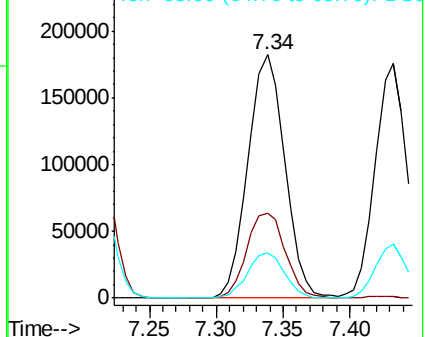
93 100

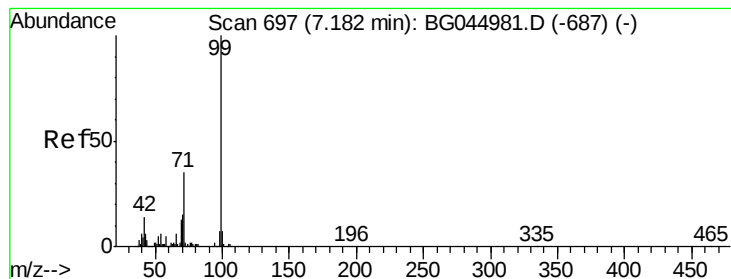
66 34.9 29.8 44.8

65 18.8 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





#7

Phenol-d6

Concen: 137.189 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

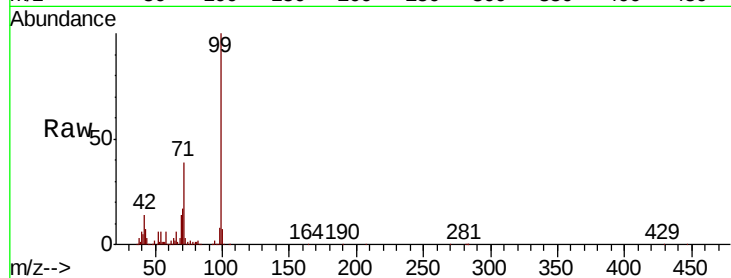
Tot Ion: 99 Resp: 1052150

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	38.8	28.3	42.5

99 100

42 14.3 11.3 16.9

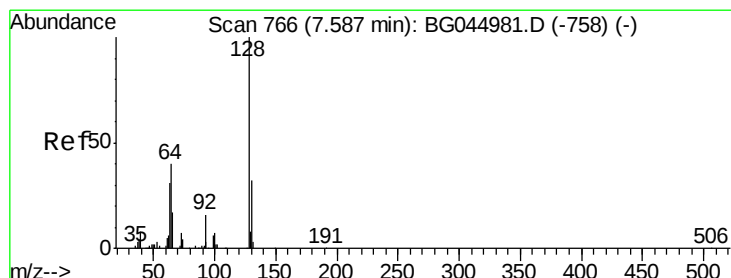
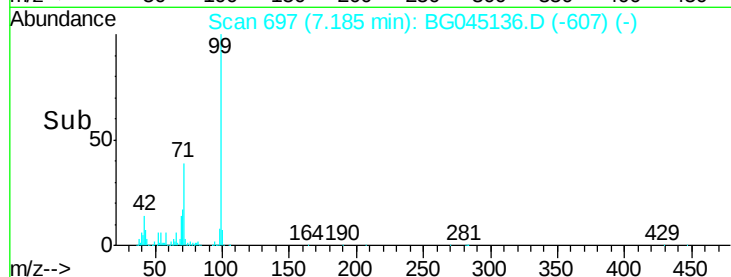
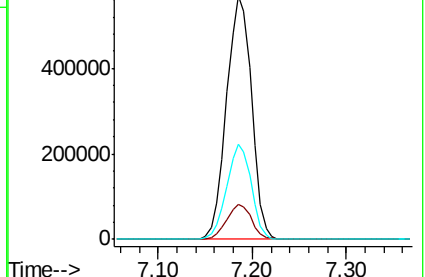
71 38.8 28.3 42.5



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: 55.626 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

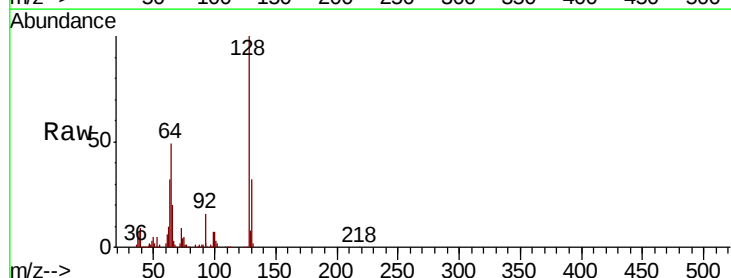
Tgt Ion: 128 Resp: 308594

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.3	52.3
64	48.5	24.4	64.4

128 100

130 31.8 12.3 52.3

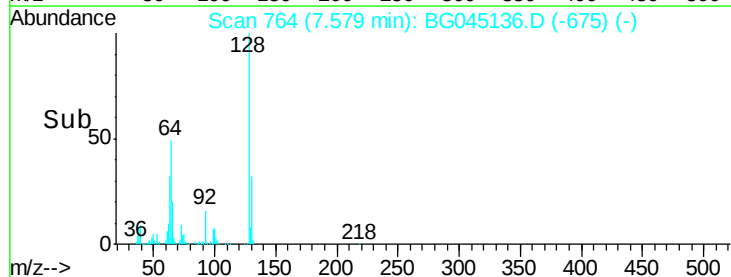
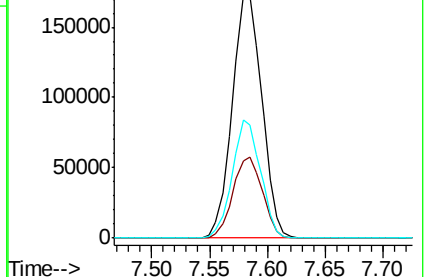
64 48.5 24.4 64.4



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





#9

Benzaldehyde

Concen: 32.557 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

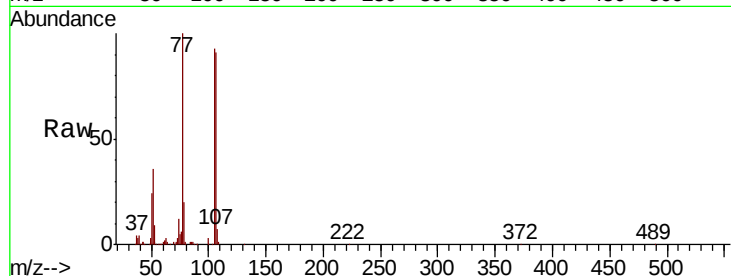
Tot Ion: 77 Resp: 149169

Ion Ratio Lower Upper

77 100

105 92.7 72.9 112.9

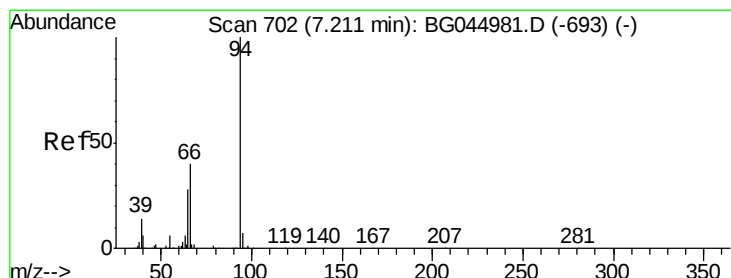
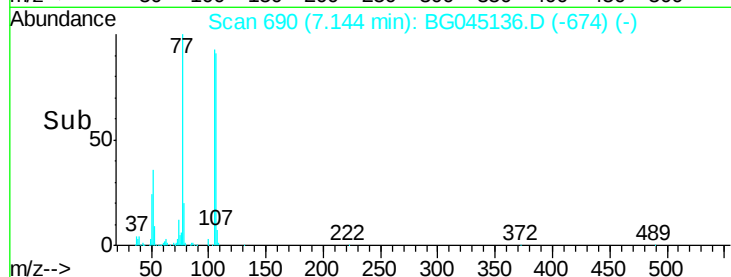
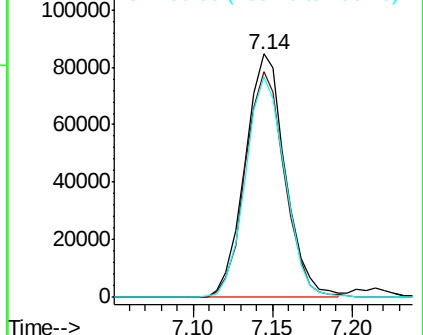
106 90.6 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 53.714 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

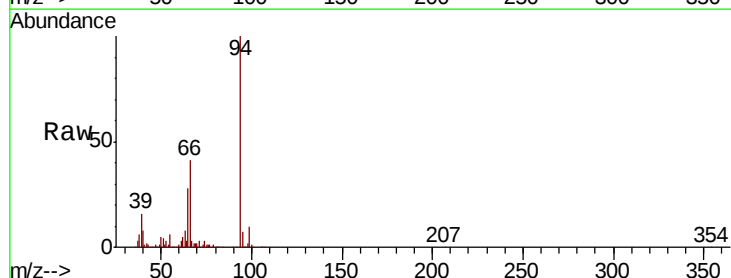
Tgt Ion: 94 Resp: 412231

Ion Ratio Lower Upper

94 100

65 28.3 8.2 48.2

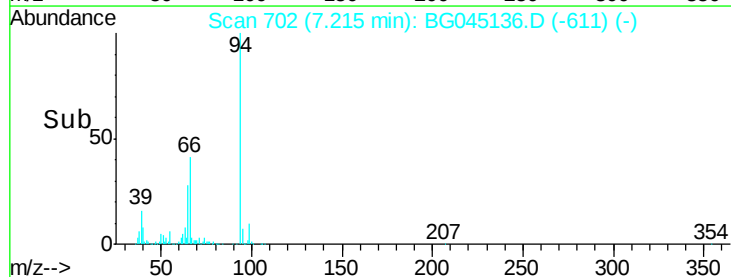
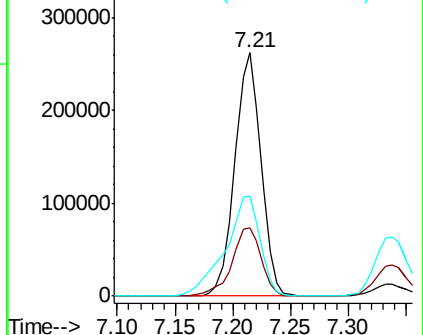
66 41.3 20.4 60.4

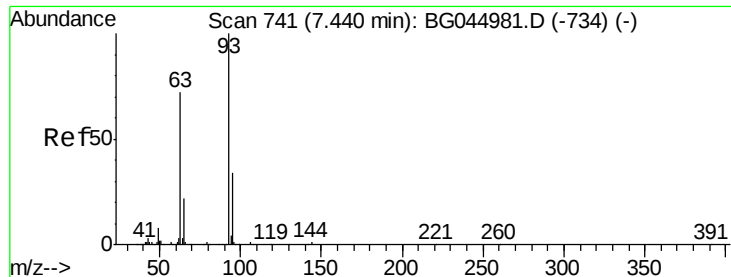


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.084 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

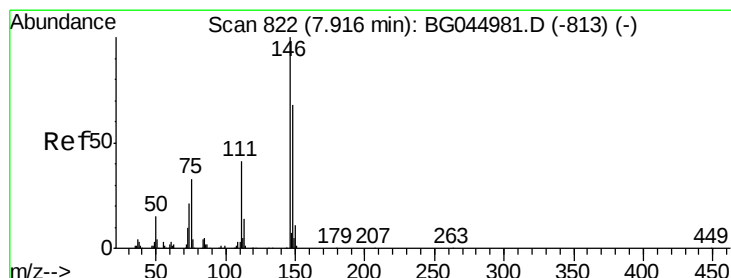
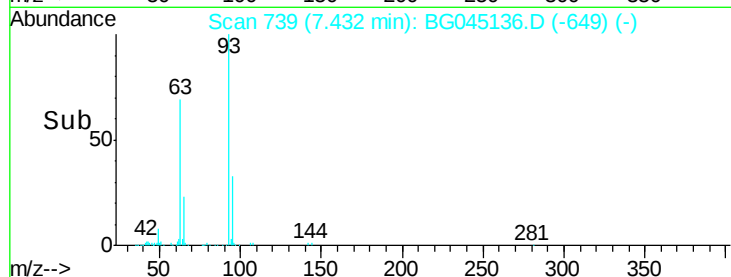
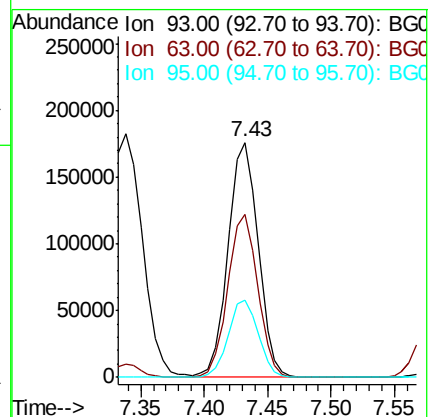
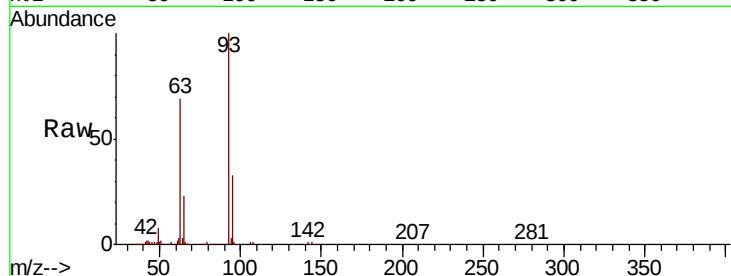
Tot Ion: 93 Resp: 287701

Ion Ratio Lower Upper

93 100

63 69.3 51.8 91.8

95 32.8 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 50.832 ng

RT: 7.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

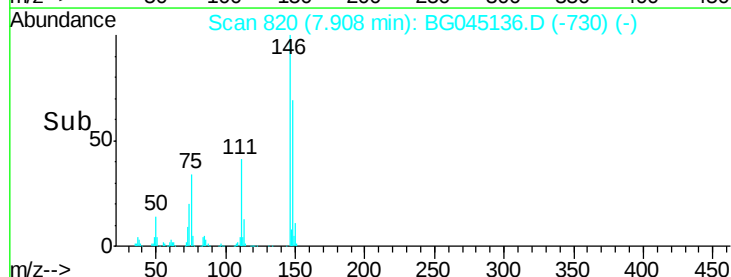
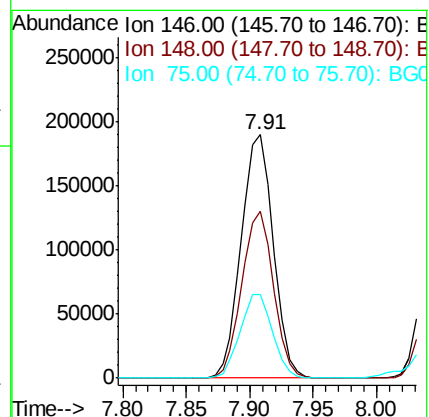
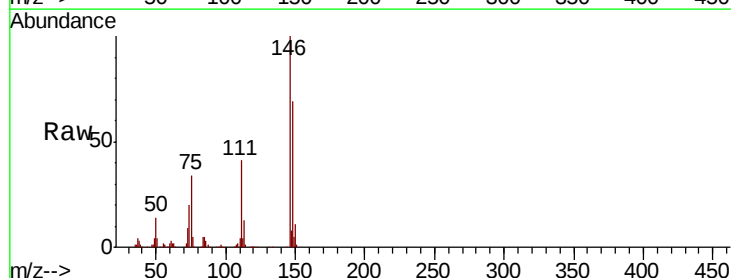
Tgt Ion: 146 Resp: 332300

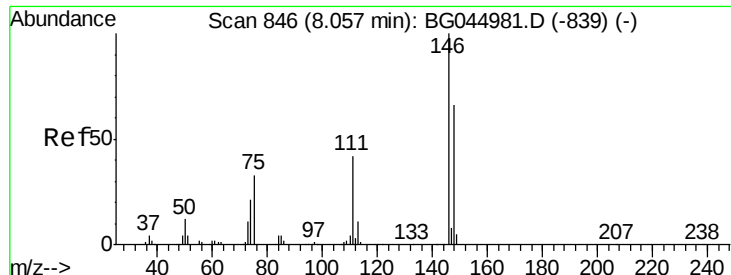
Ion Ratio Lower Upper

146 100

148 68.7 54.6 81.8

75 34.5 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 51.104 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampled :

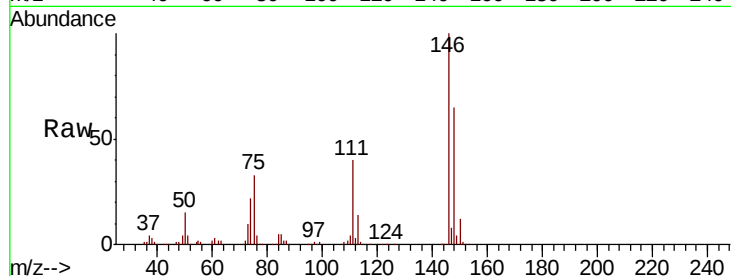
Tot Ion:146 Resp: 332890

Ion Ratio Lower Upper

146 100

148 65.1 53.3 79.9

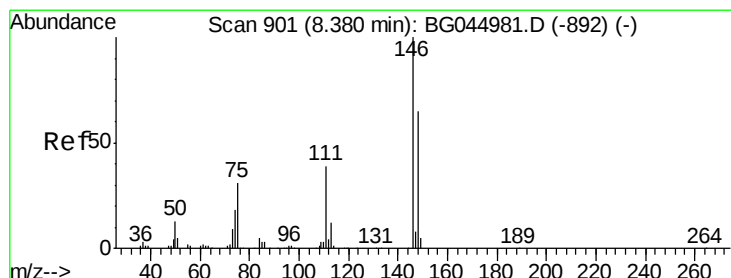
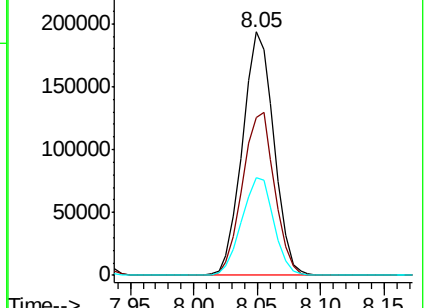
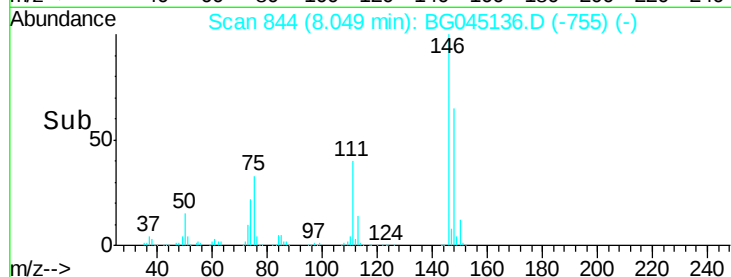
111 40.4 33.8 50.8



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: 50.721 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

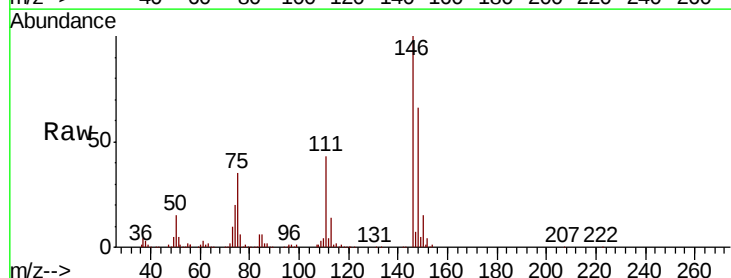
Tgt Ion:146 Resp: 316081

Ion Ratio Lower Upper

146 100

148 66.4 51.9 77.9

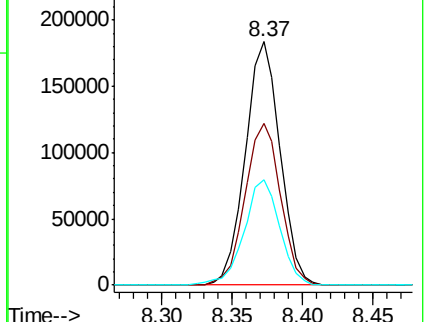
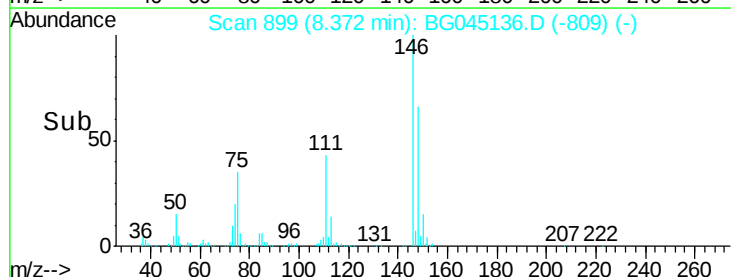
111 43.1 31.3 46.9

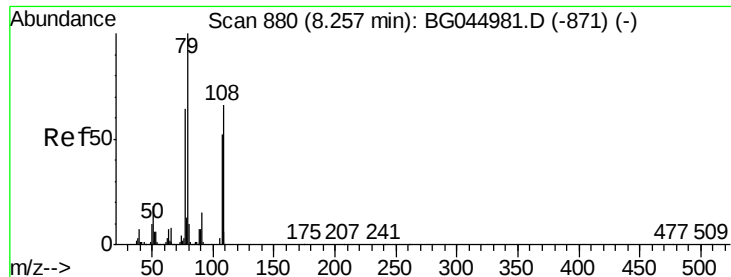


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.869 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

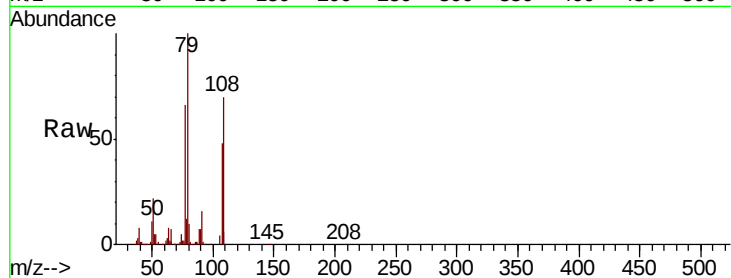
Tot Ion: 79 Resp: 307806

Ion Ratio Lower Upper

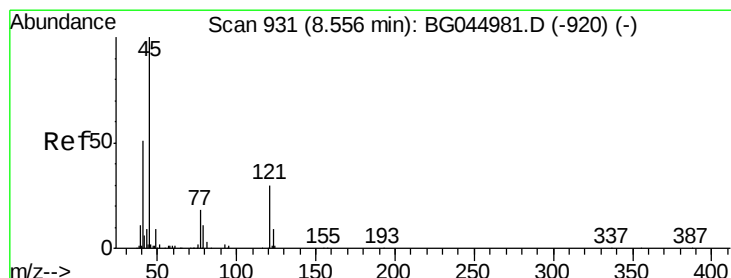
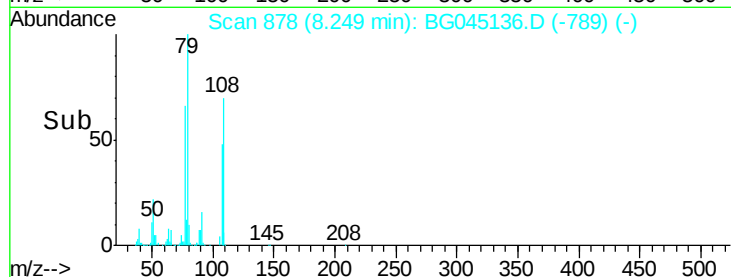
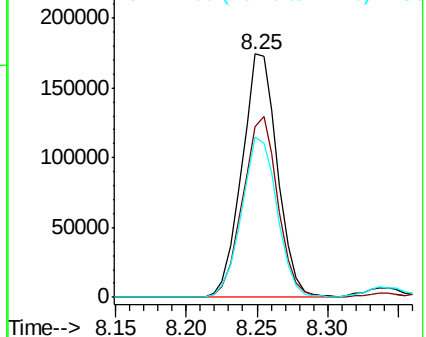
79 100

108 69.9 52.7 79.1

77 66.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.744 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

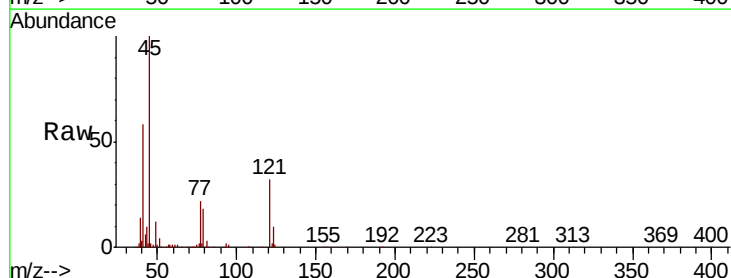
Tgt Ion: 45 Resp: 256382

Ion Ratio Lower Upper

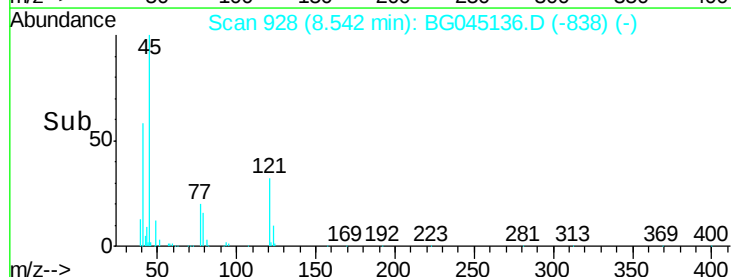
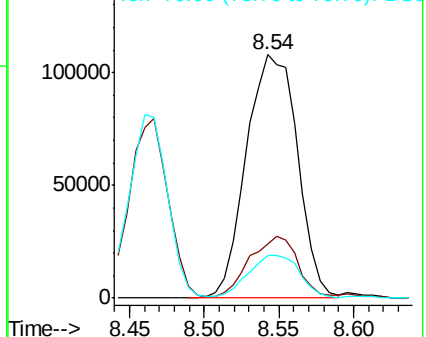
45 100

77 22.2 1.9 41.9

79 17.7 0.0 35.5



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





#17

2-Methylphenol

Concen: 47.082 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 278785

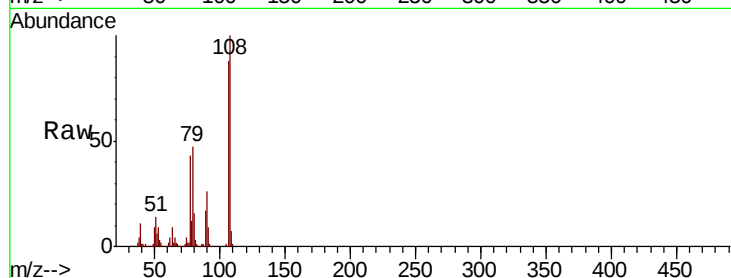
Ion Ratio Lower Upper

107 100

108 113.9 93.8 140.6

77 49.3 38.5 57.7

79 53.1 40.1 60.1

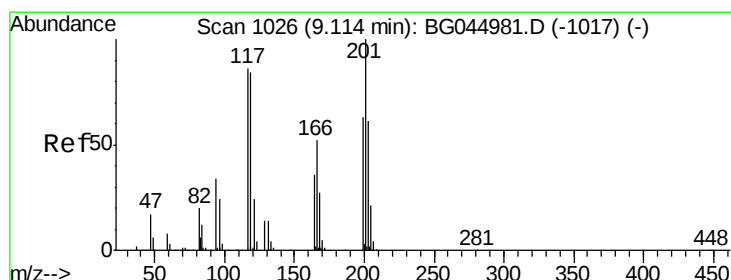
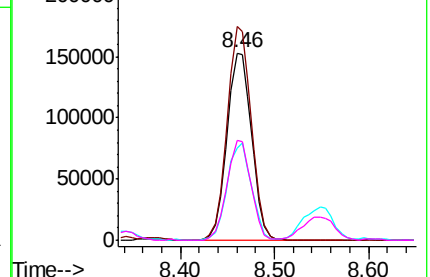
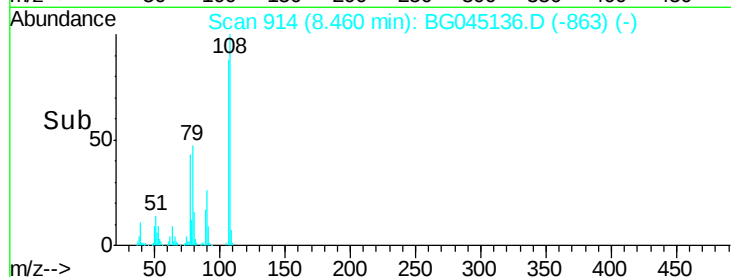


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 51.104 ng

RT: 9.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

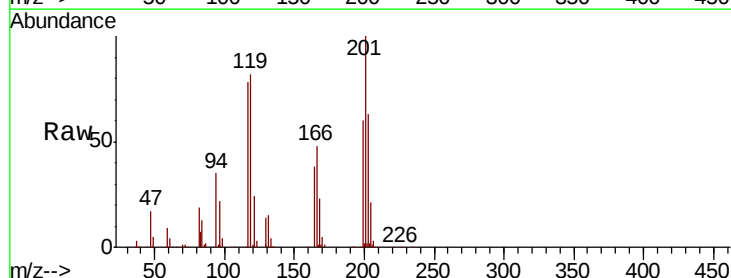
Tgt Ion:117 Resp: 125143

Ion Ratio Lower Upper

117 100

119 105.2 78.3 117.5

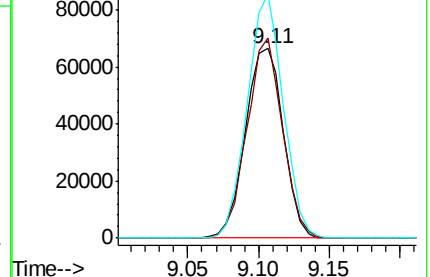
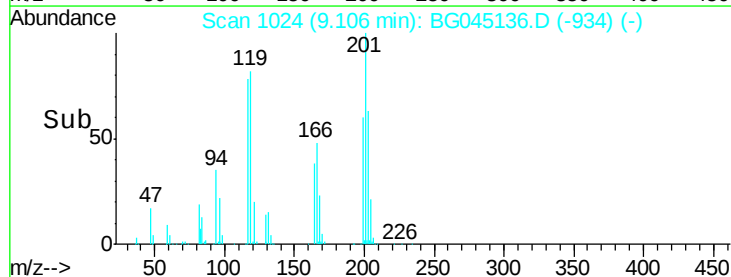
201 128.3 92.9 139.3

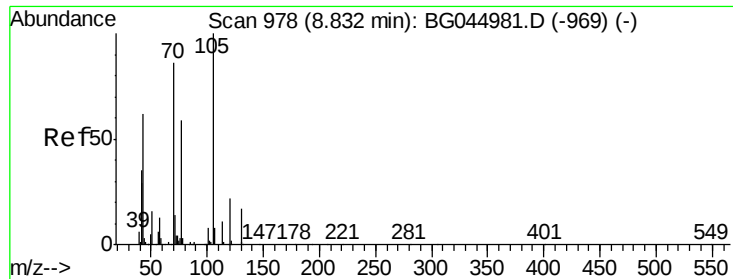


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

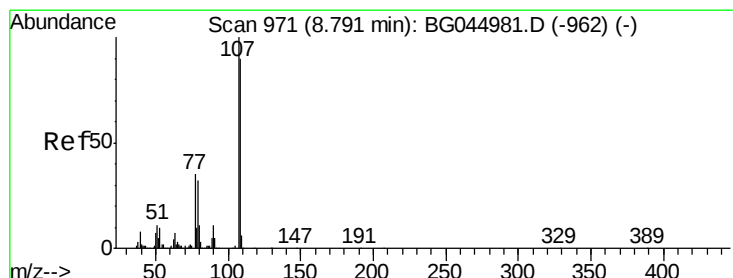
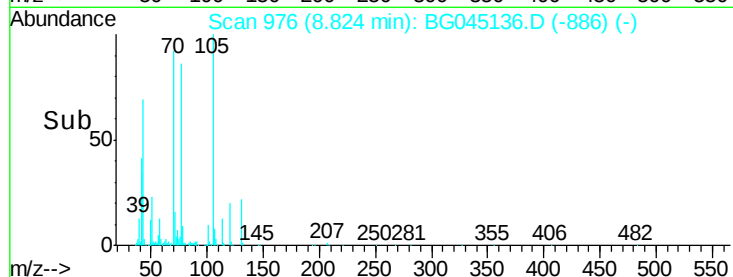
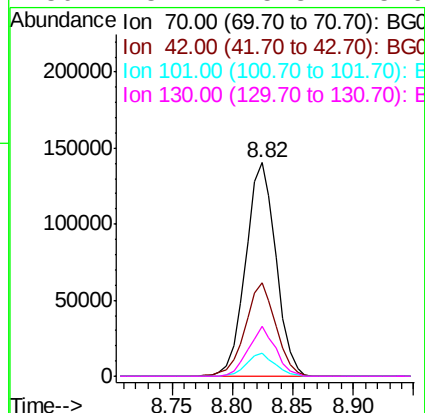
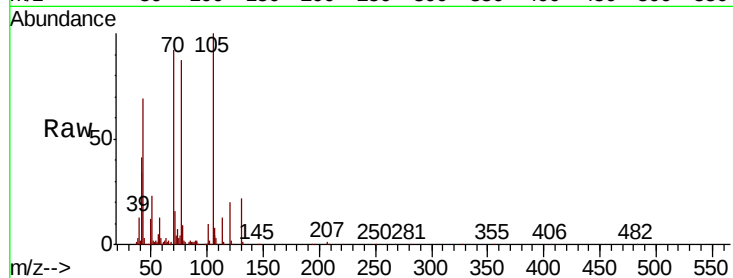




#19
n-Nitroso-di-n-propylamine
Concen: 45.079 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

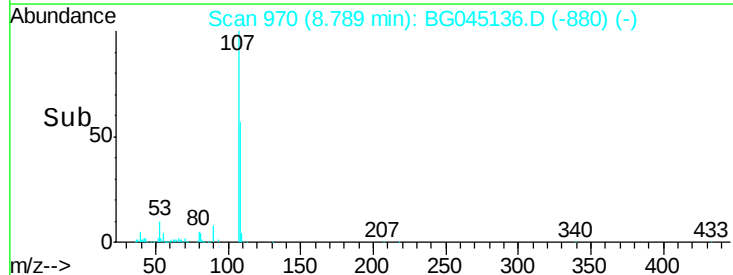
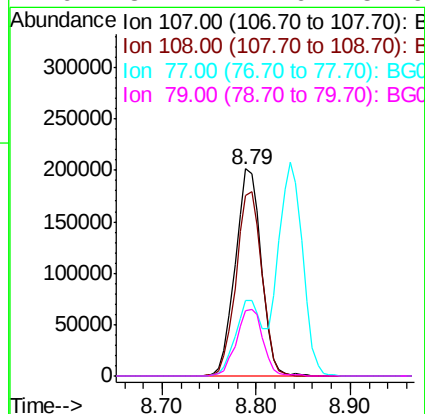
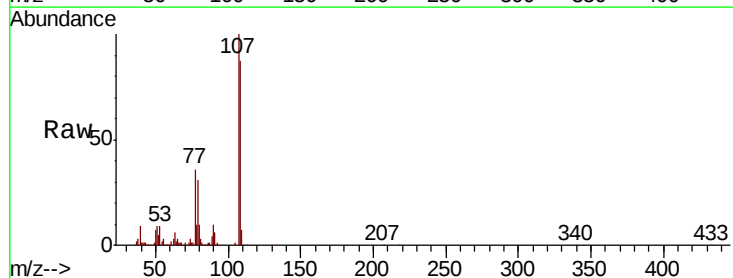
Instrument :
BNA_G
ClientSampleId :

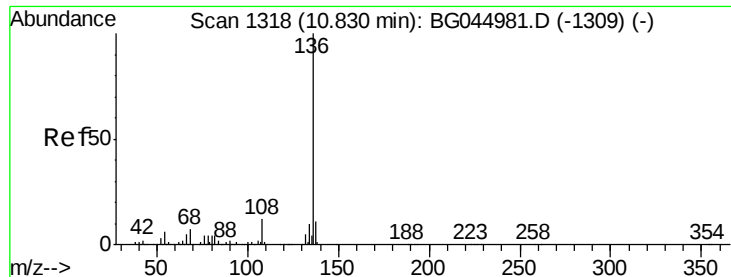
Tot Ion:	70	Resp:	244497
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.3	49.9
101	10.7	7.8	11.8
130	23.4	15.8	23.6



#20
3+4-Methylphenols
Concen: 46.588 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:	107	Resp:	386127
Ion	Ratio	Lower	Upper
107	100		
108	87.3	69.9	109.9
77	36.5	15.2	55.2
79	31.4	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 337583

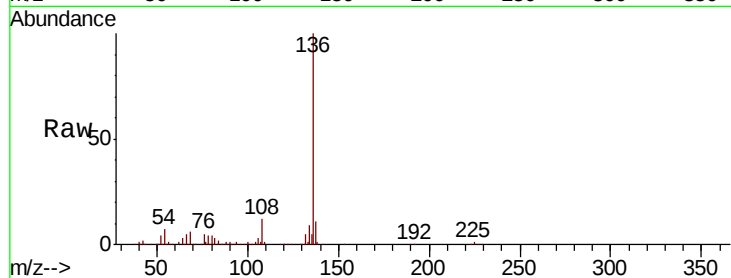
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.6 4.8 7.2

68 5.6 5.2 7.8

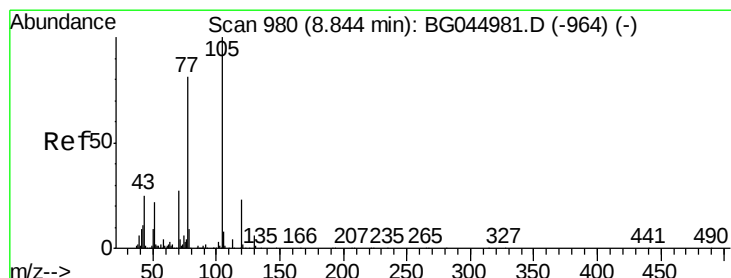
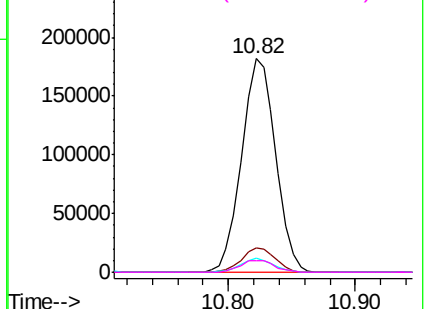
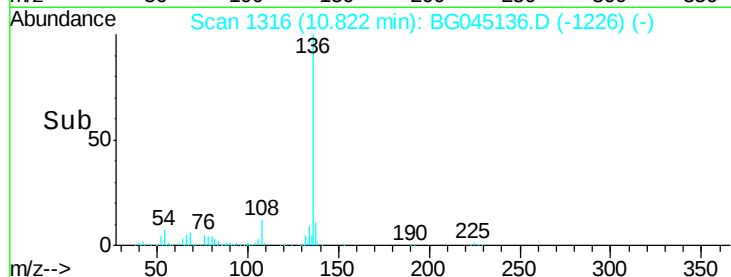


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 50.453 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Tgt Ion:105 Resp: 460593

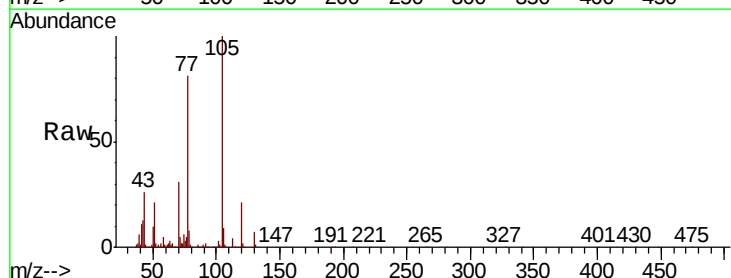
Ion Ratio Lower Upper

105 100

71 5.1 3.3 4.9#

51 20.8 17.3 25.9

120 21.1 18.4 27.6

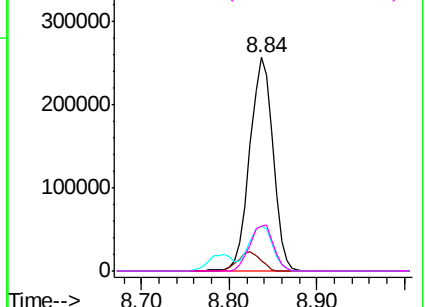
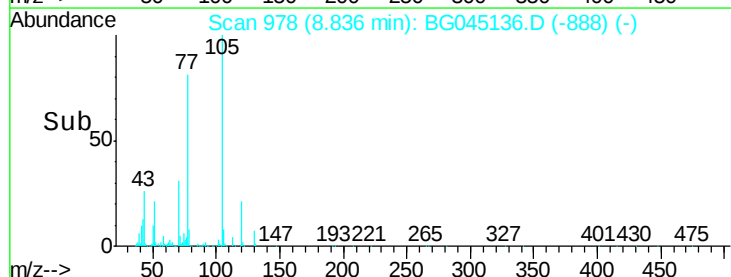


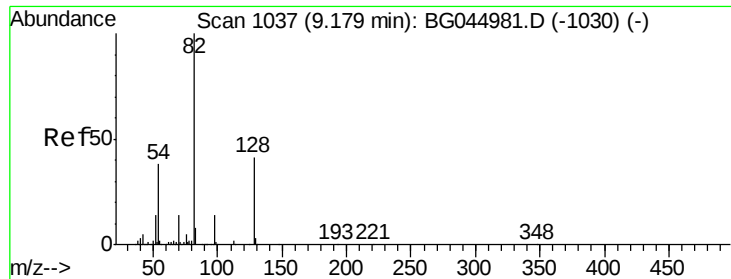
Abundance Ion 105.00 (104.70 to 105.70): E

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

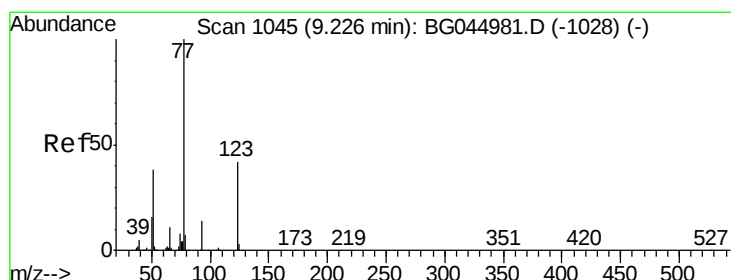
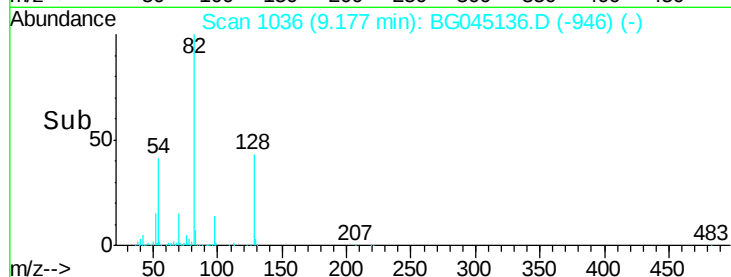
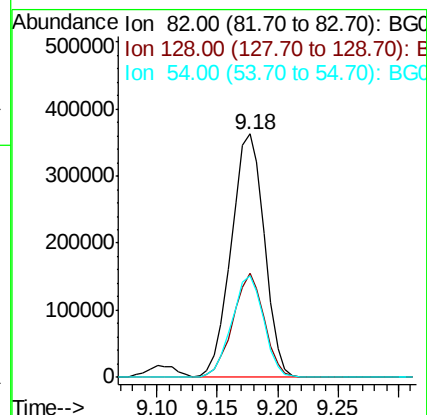
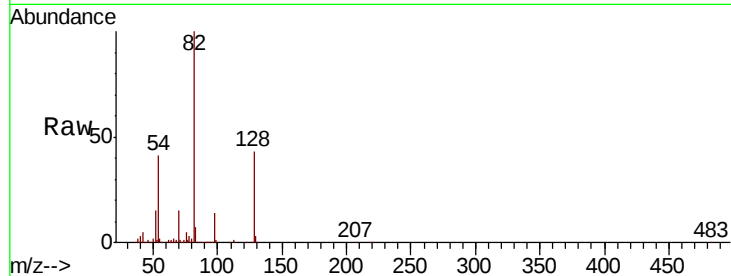




#23
 Nitrobenzene-d5
 Concen: 93.501 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

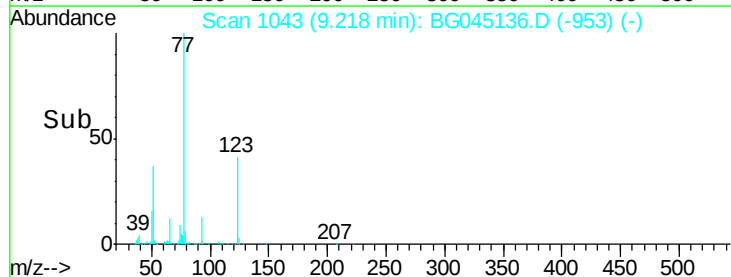
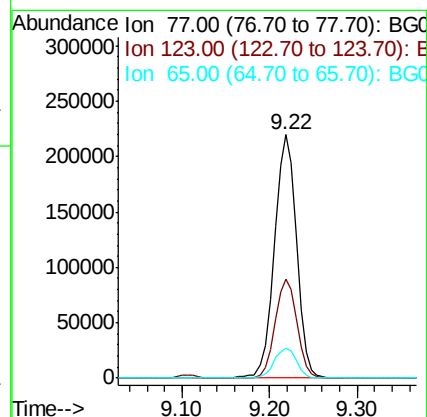
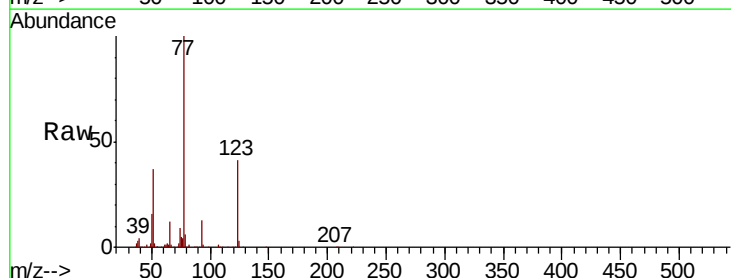
Instrument :
 BNA_G
 ClientSampleId :

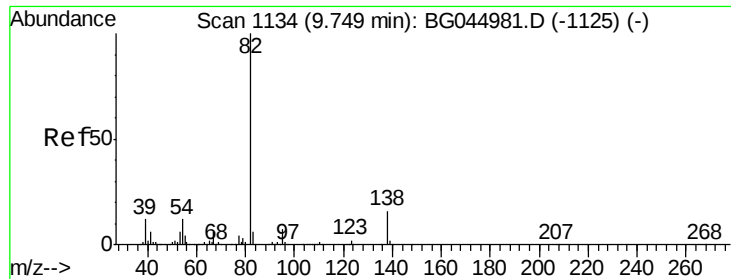
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	41.5	30.4	45.6



#24
 Nitrobenzene
 Concen: 50.842 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	34.3	51.5
65	12.3	8.9	13.3





#25

Isophorone

Concen: 45.535 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

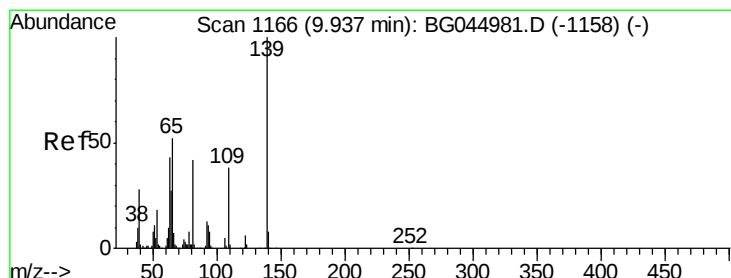
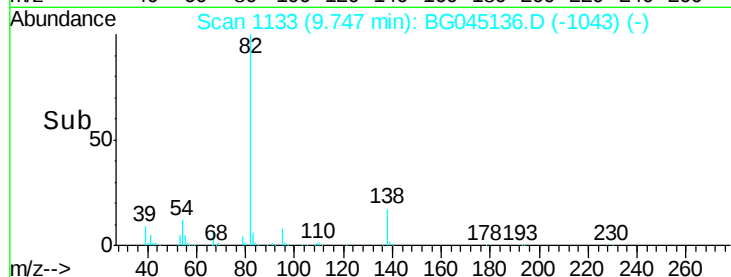
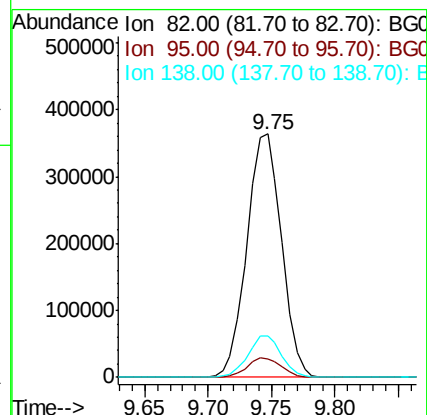
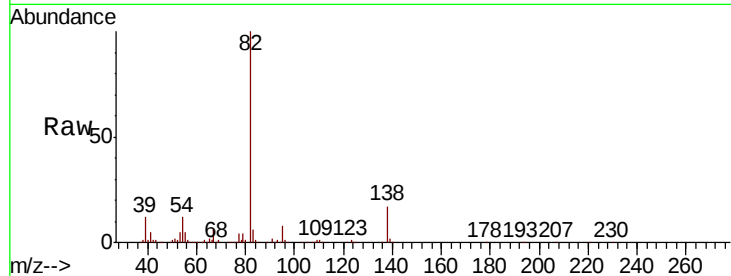
Tot Ion: 82 Resp: 689900

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 16.8 12.7 19.1



#26

2-Nitrophenol

Concen: 55.369 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

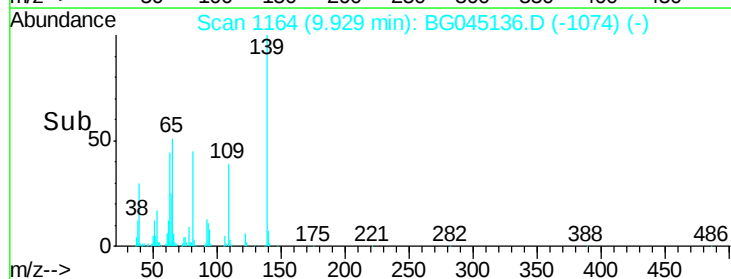
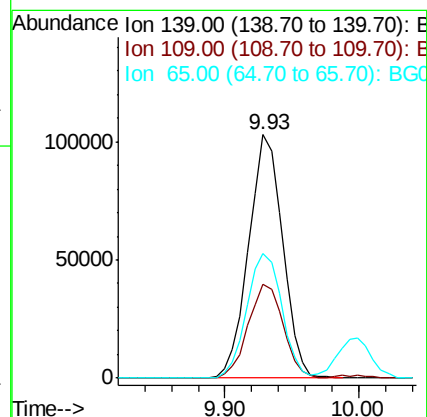
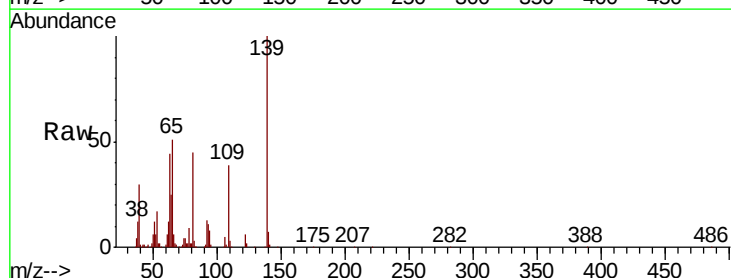
Tgt Ion: 139 Resp: 180873

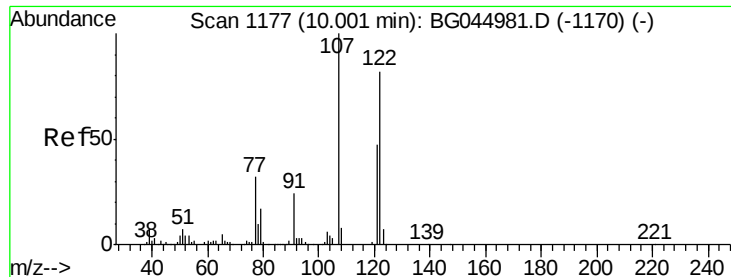
Ion Ratio Lower Upper

139 100

109 38.8 30.6 45.8

65 51.4 41.8 62.6

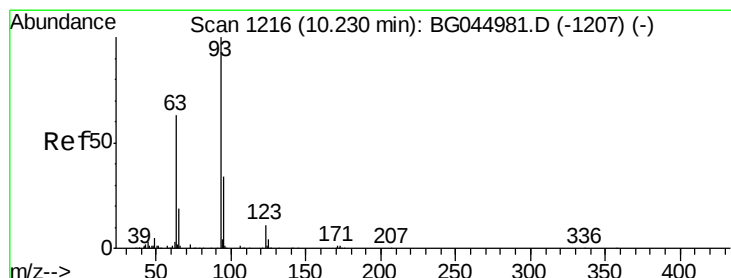
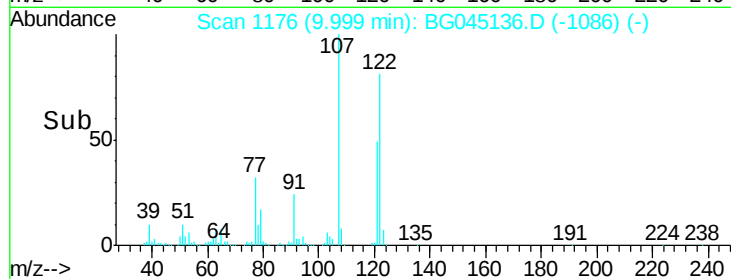
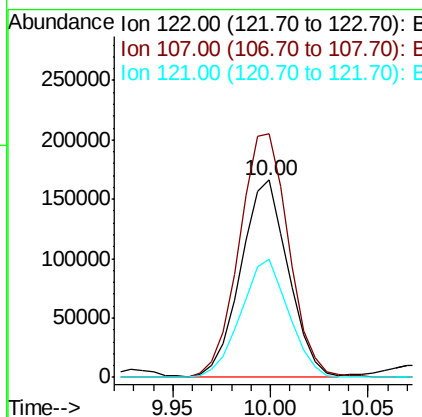
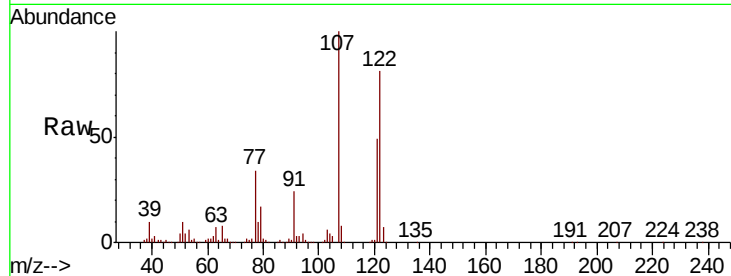




#27
 2,4-Dimethylphenol
 Concen: 53.989 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

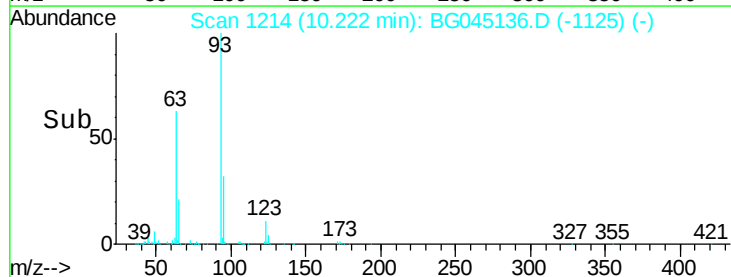
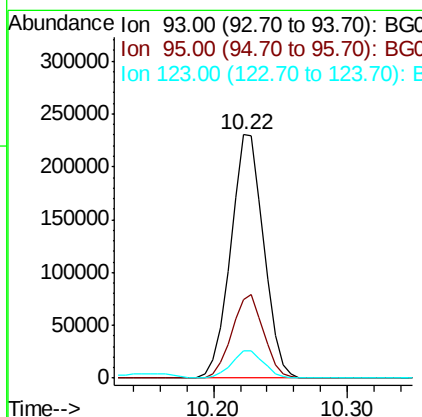
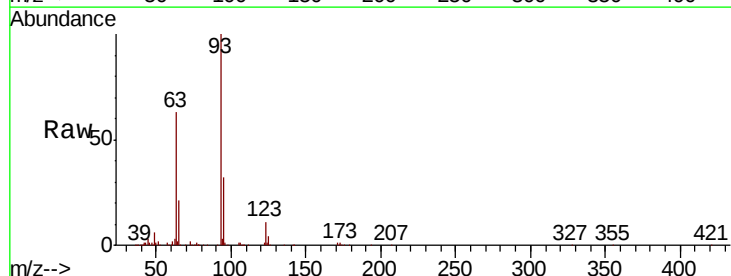
Instrument :
 BNA_G
 ClientSampleId :

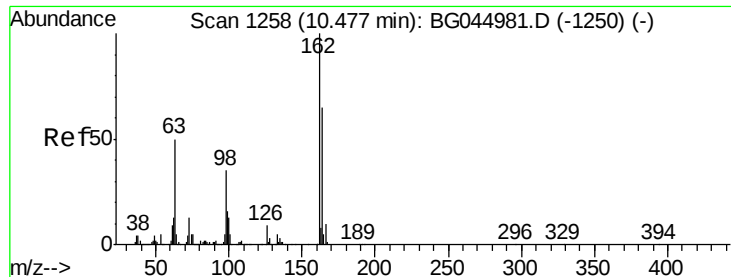
Tot Ion:122 Resp: 279837
 Ion Ratio Lower Upper
 122 100
 107 123.4 96.8 145.2
 121 59.9 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.700 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion: 93 Resp: 395640
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.0 40.4
 123 11.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 54.669 ng

RT: 10.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

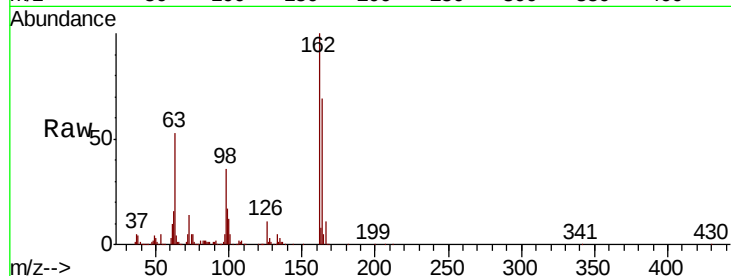
Tot Ion:162 Resp: 327195

Ion Ratio Lower Upper

162 100

164 68.7 45.0 85.0

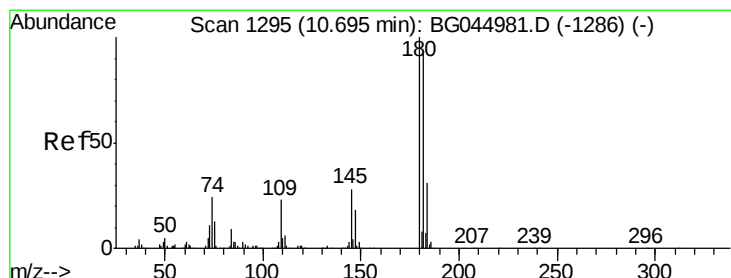
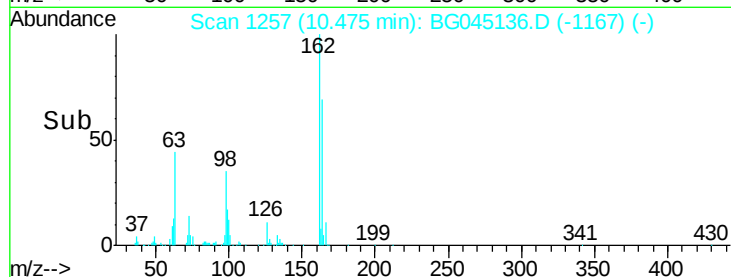
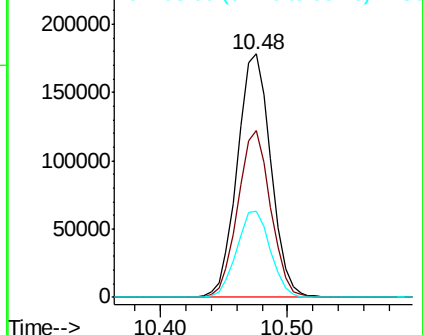
98 35.5 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 53.483 ng

RT: 10.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

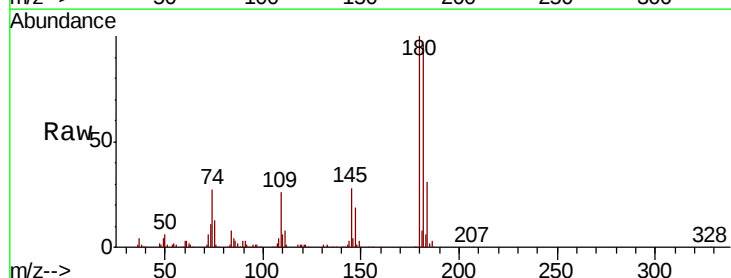
Tgt Ion:180 Resp: 362419

Ion Ratio Lower Upper

180 100

182 95.5 73.3 109.9

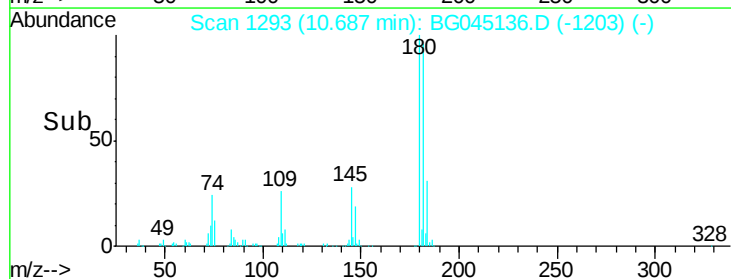
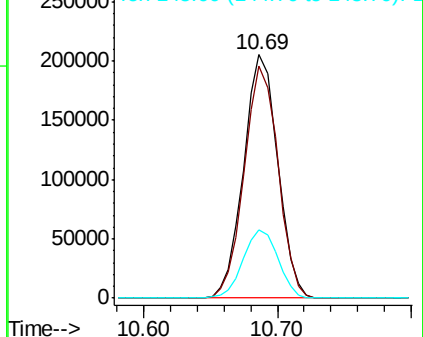
145 28.0 22.6 33.8

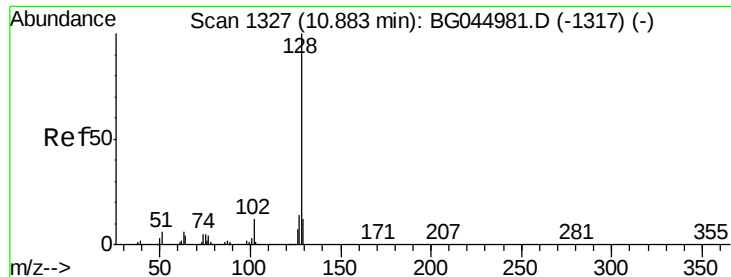


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

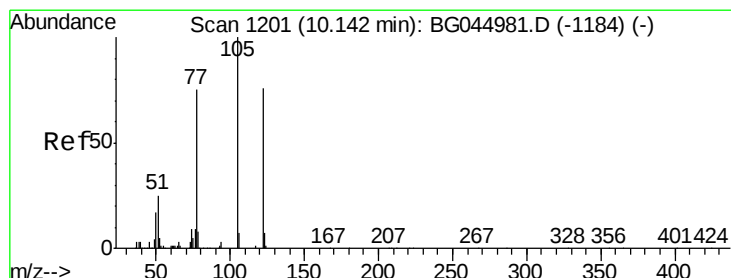
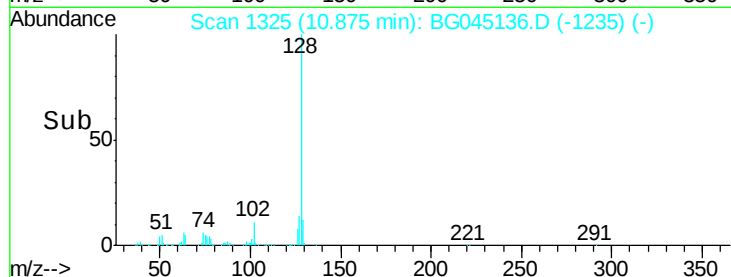
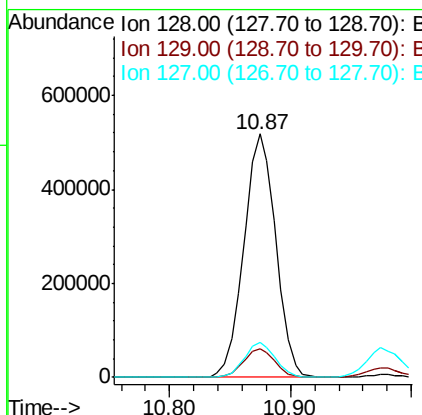
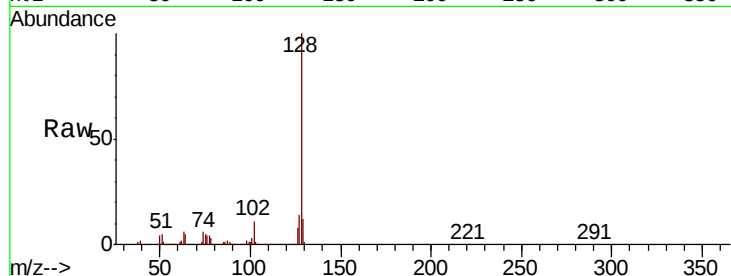




#31
Naphthalene
Concen: 51.472 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

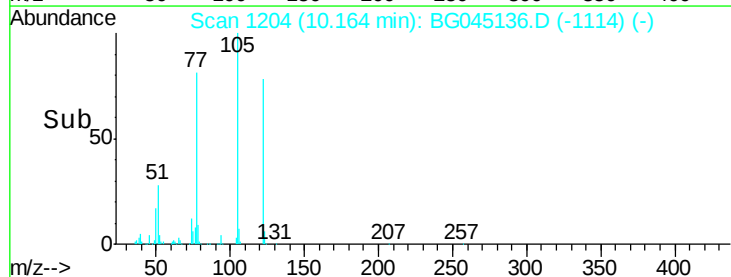
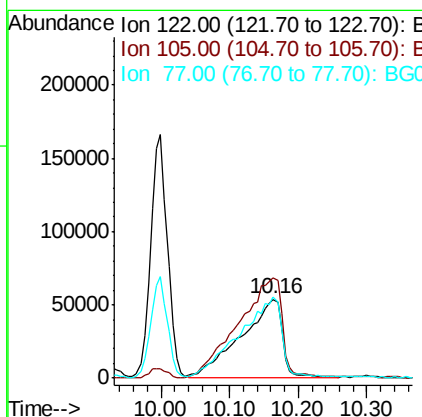
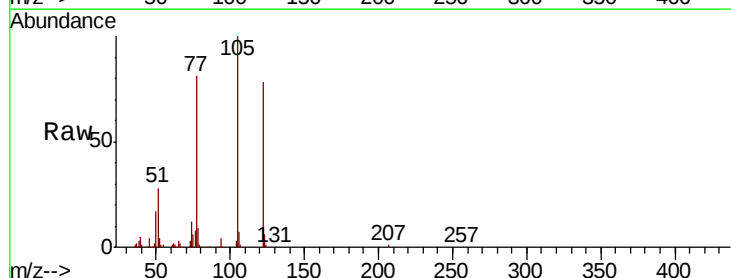
Instrument :
BNA_G
ClientSampleId :

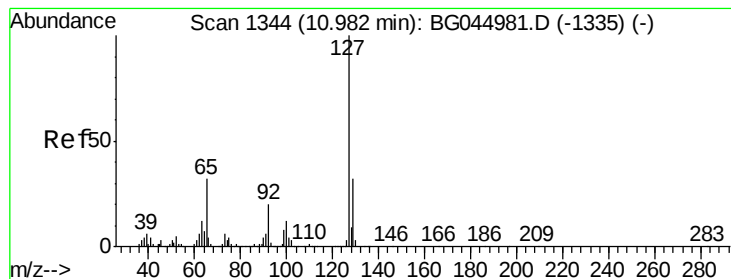
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	14.4	10.8	16.2



#32
Benzoic acid
Concen: 52.121 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	108.4	148.4
77	102.7	78.8	118.8





#33

4-Chloroaniline

Concen: 14.690 ng

RT: 10.97 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BG045136.D

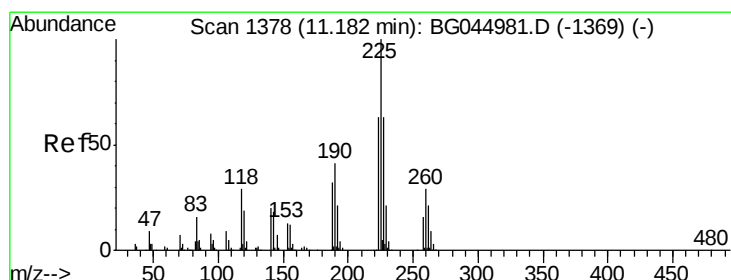
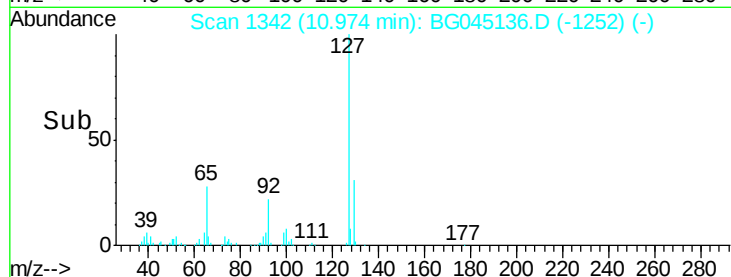
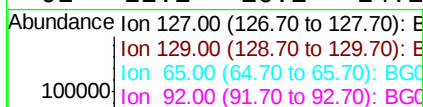
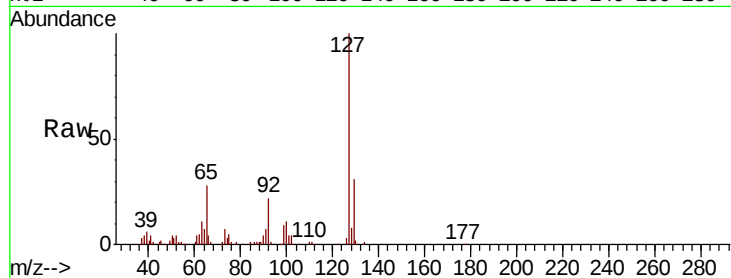
Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampled :

Tot Ion:	127	Resp:	126518
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.7	38.5
65	28.1	25.4	38.2
92	22.1	16.1	24.1



#34

Hexachlorobutadiene

Concen: 52.654 ng

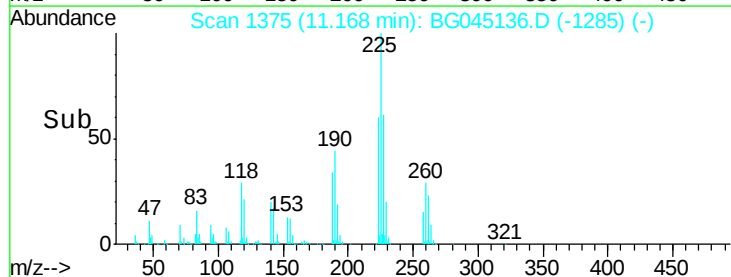
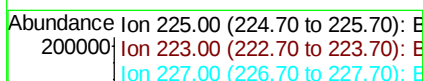
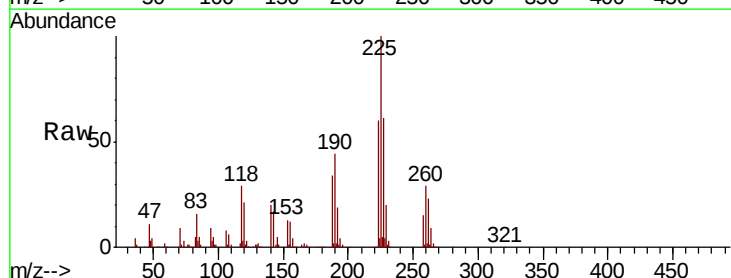
RT: 11.17 min Scan# 1375

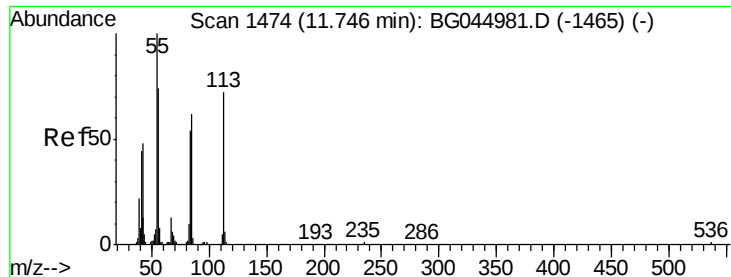
Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Tgt Ion:	225	Resp:	244629
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.7	76.1
227	61.4	50.2	75.2





#35

Caprolactam

Concen: 28.958 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

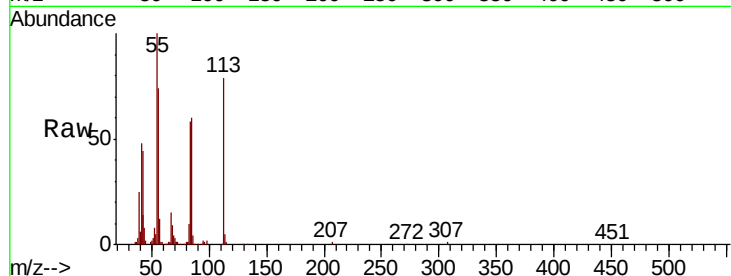
Tot Ion:113 Resp: 68979

Ion Ratio Lower Upper

113 100

55 126.5 118.8 158.8

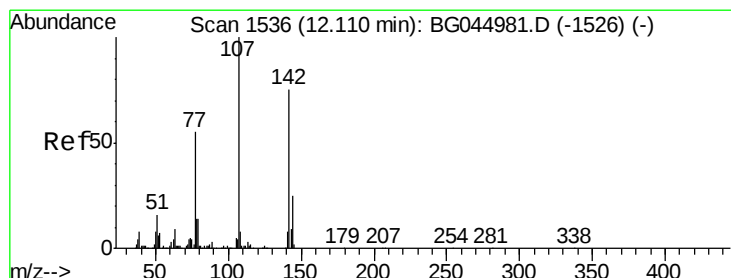
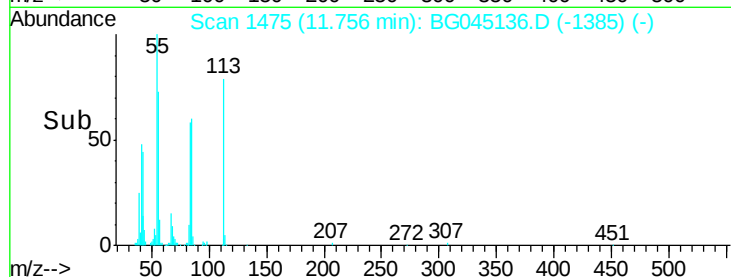
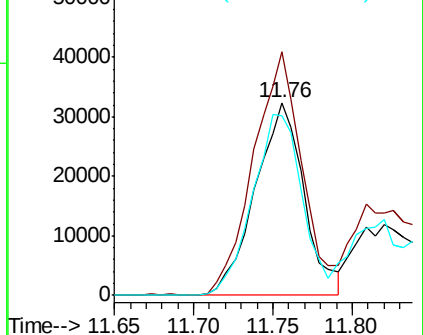
56 93.2 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.768 ng

RT: 12.11 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

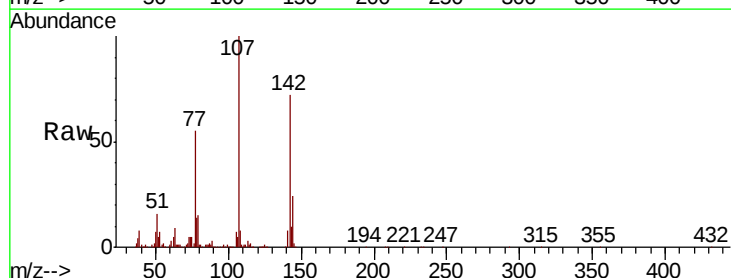
Tgt Ion:107 Resp: 363976

Ion Ratio Lower Upper

107 100

144 24.2 19.8 29.6

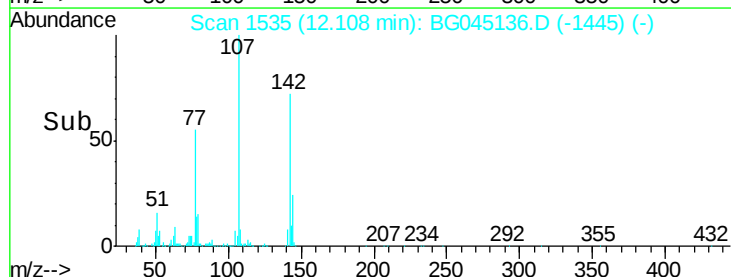
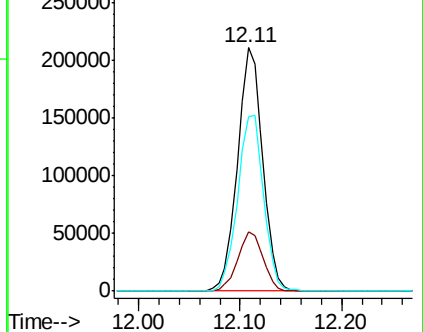
142 71.8 59.7 89.5

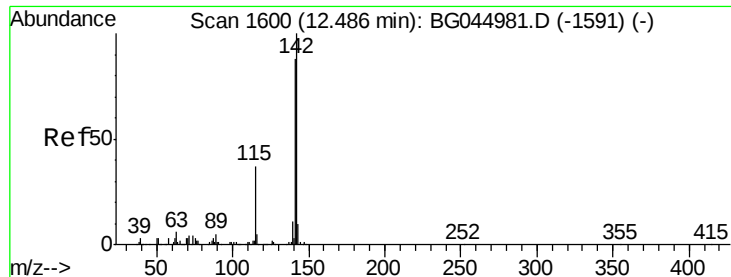


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

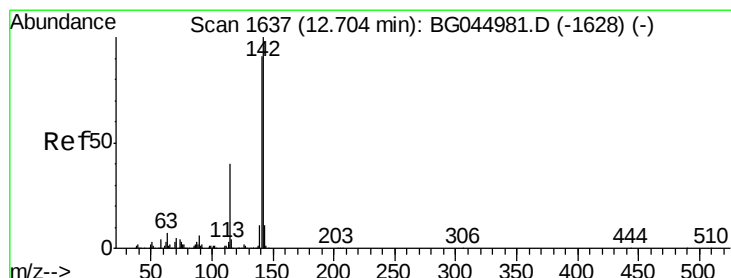
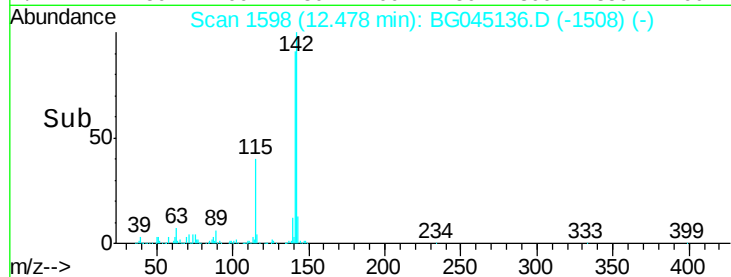
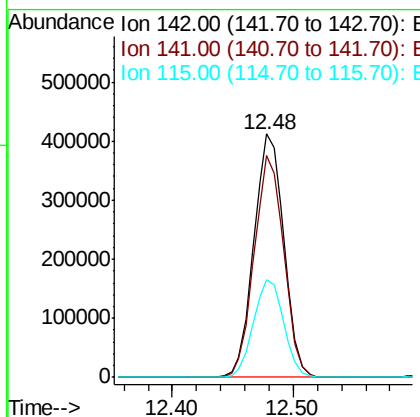
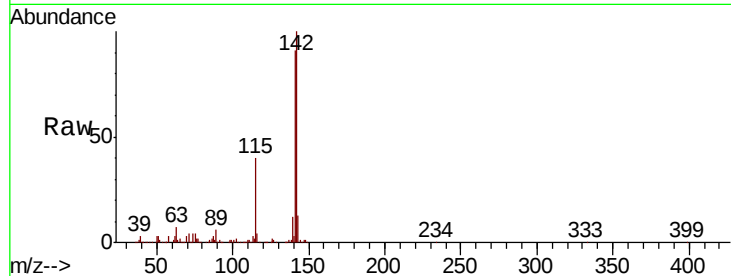




#37
 2-Methylnaphthalene
 Concen: 49.820 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

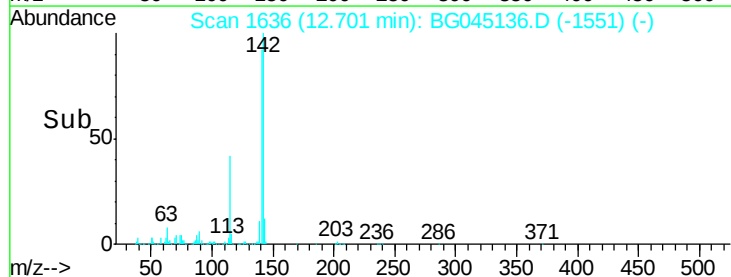
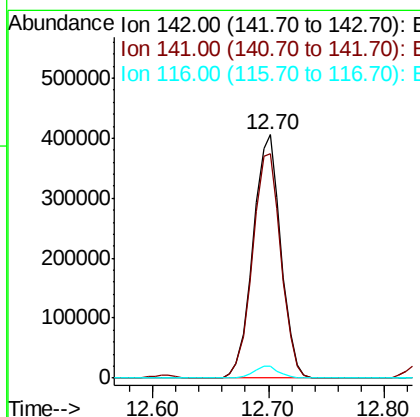
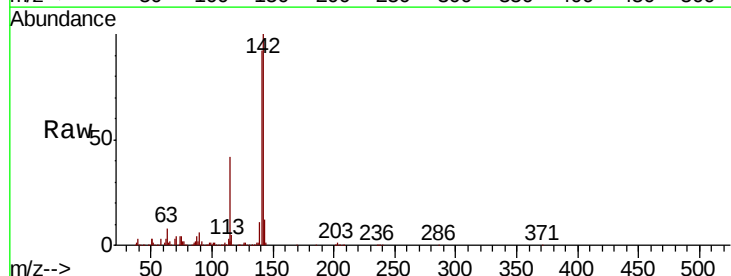
Instrument :
 BNA_G
 ClientSampled :

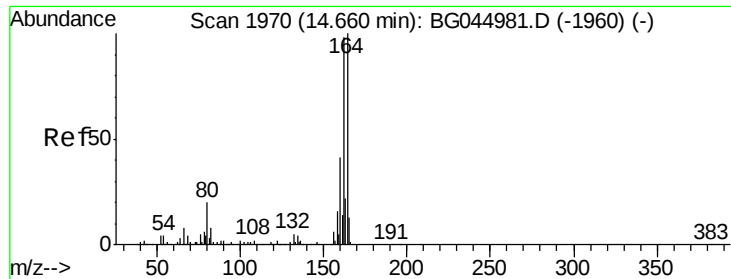
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.3	105.5
115	40.4	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 50.183 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.7	109.1
116	4.7	3.1	4.7

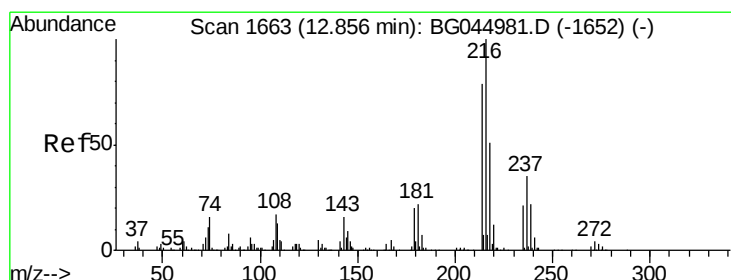
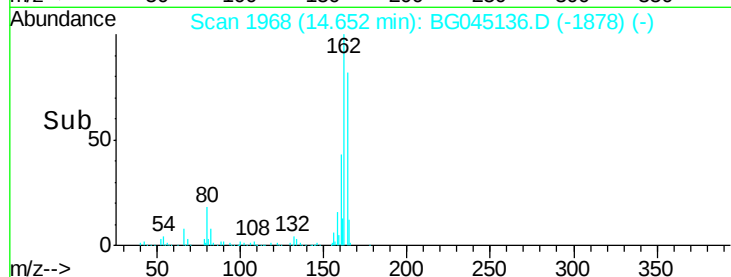
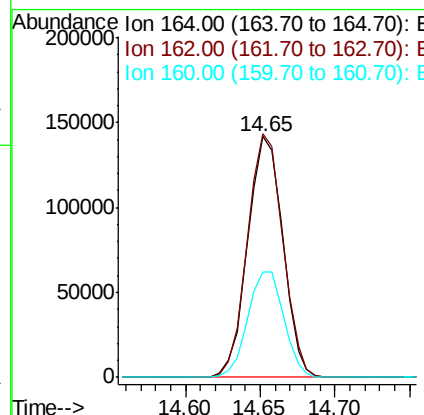
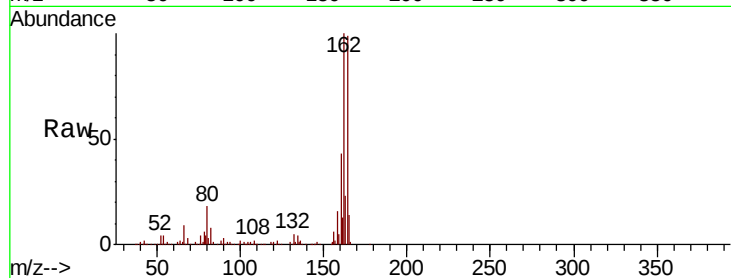




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

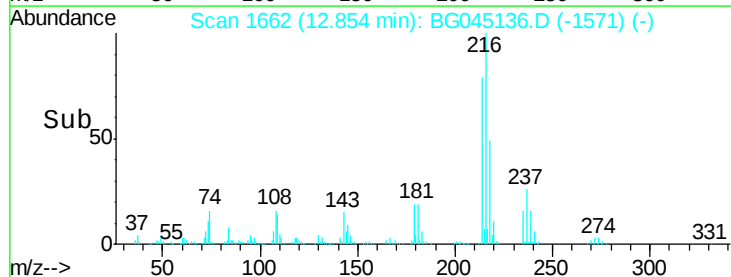
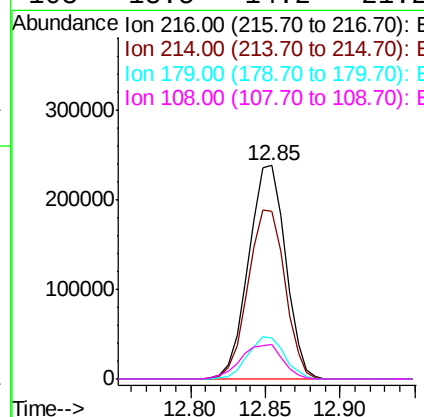
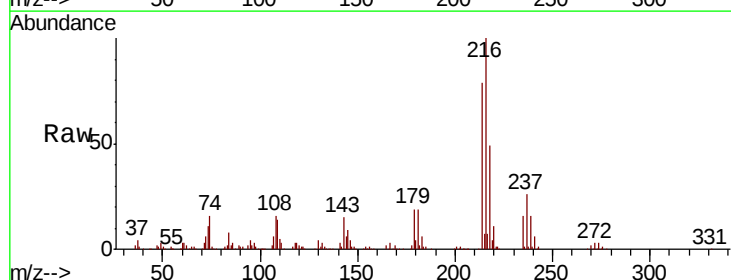
Instrument :
BNA_G
ClientSampleId :

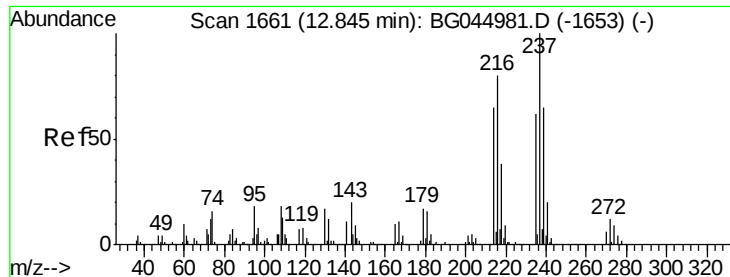
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.7	118.1
160	43.5	32.8	49.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.906 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.01 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	19.7	15.8	23.8
108	18.5	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 99.673 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

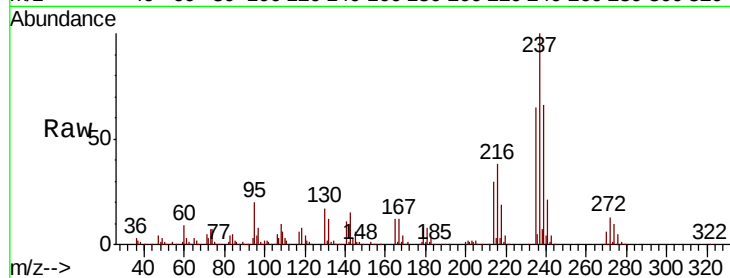
Tot Ion:237 Resp: 462786

Ion Ratio Lower Upper

237 100

235 65.2 41.6 81.6

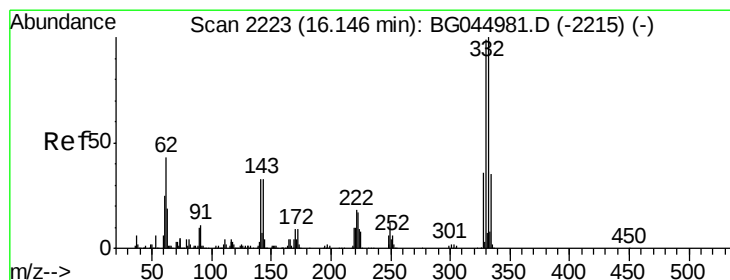
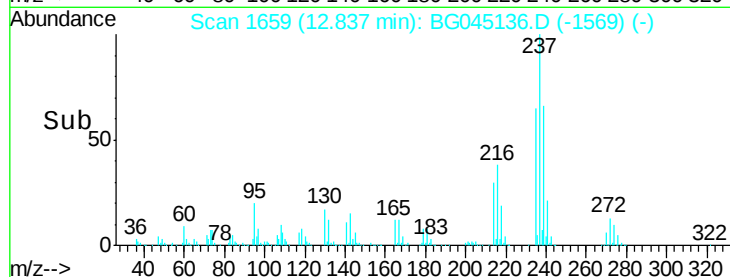
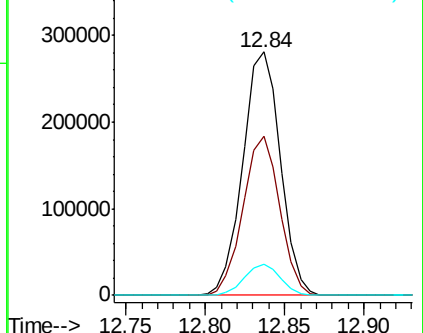
272 12.6 0.0 32.1



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: 139.679 ng

RT: 16.14 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

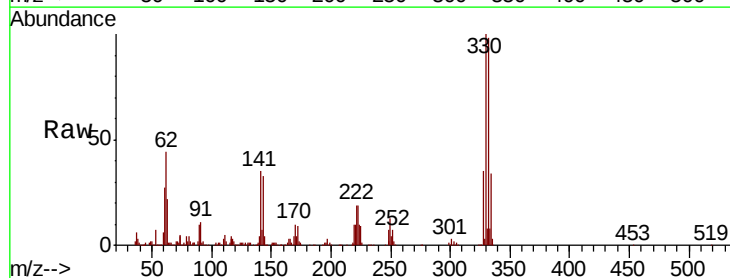
Tgt Ion:330 Resp: 497866

Ion Ratio Lower Upper

330 100

332 97.7 79.1 118.7

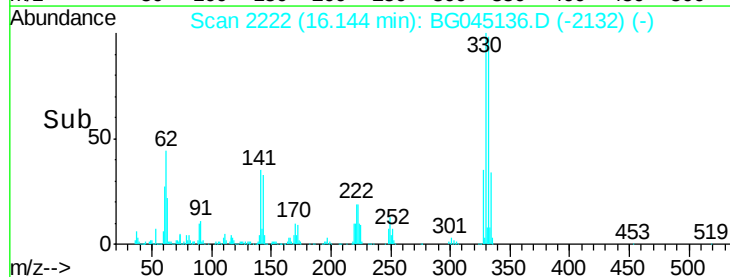
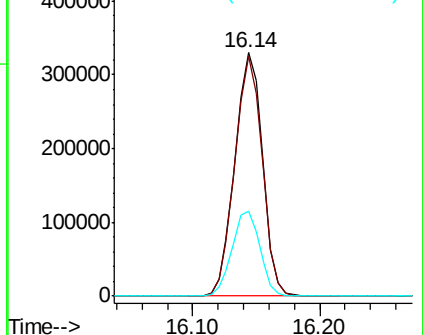
141 35.3 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

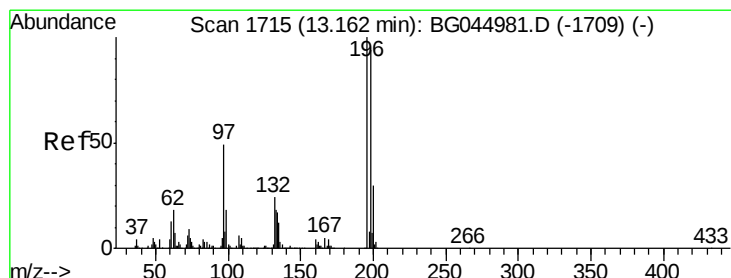
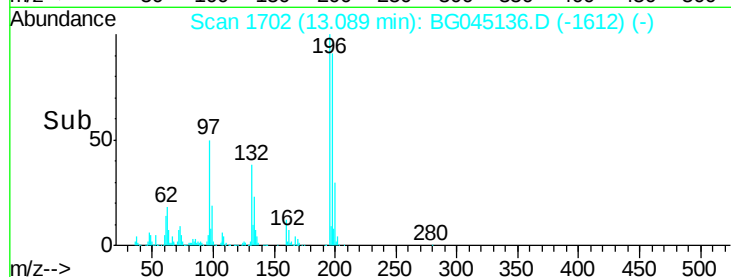
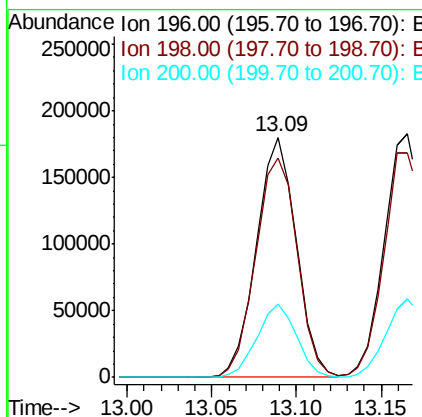
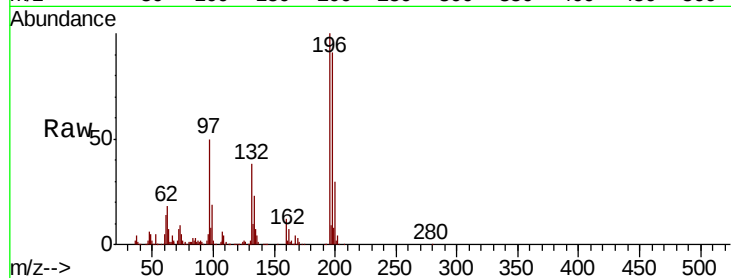




#43
2,4,6-Trichlorophenol
Concen: 56.299 ng
RT: 13.09 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

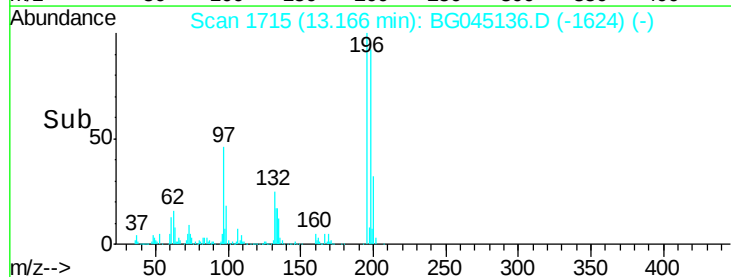
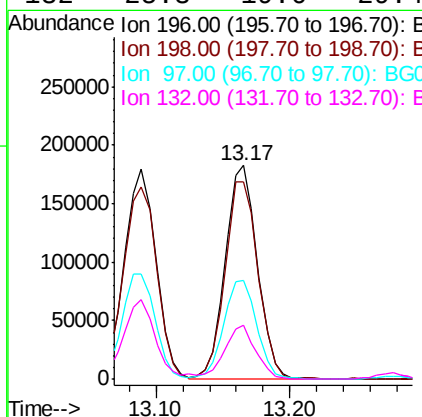
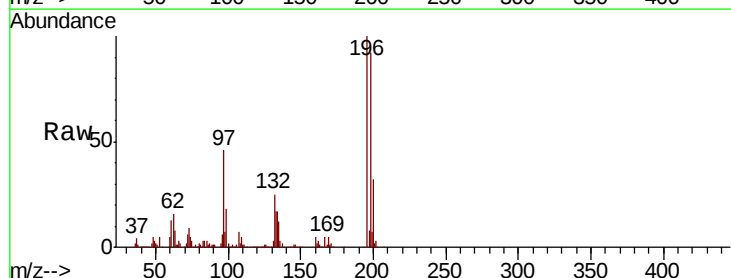
Instrument :
BNA_G
ClientSampled :

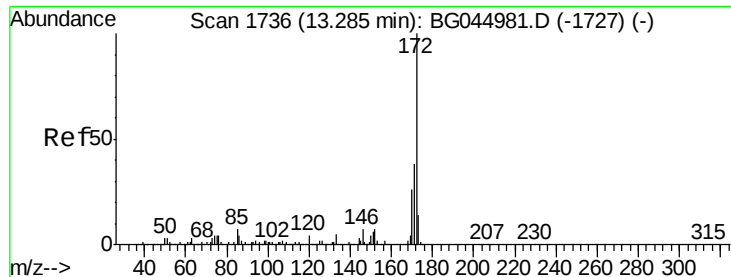
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	72.5	108.7
200	30.5	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 51.625 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	75.7	113.5
97	45.9	39.6	59.4
132	25.3	19.6	29.4



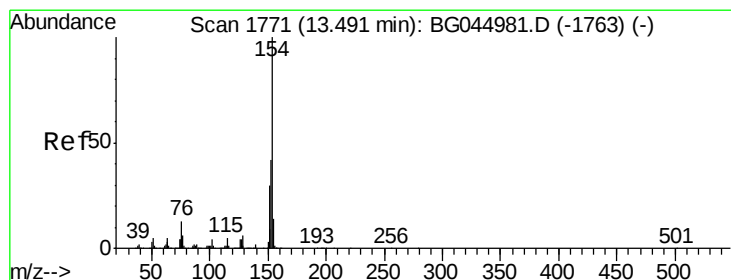
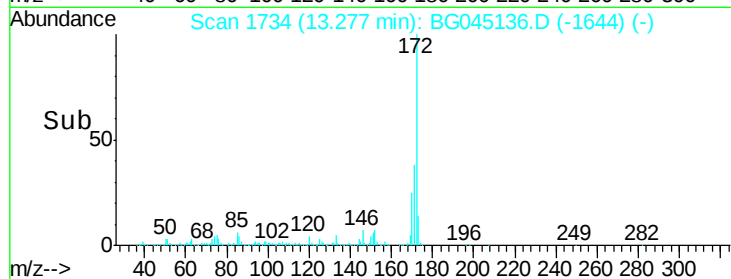
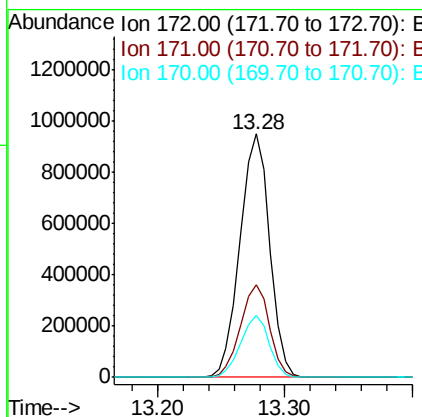
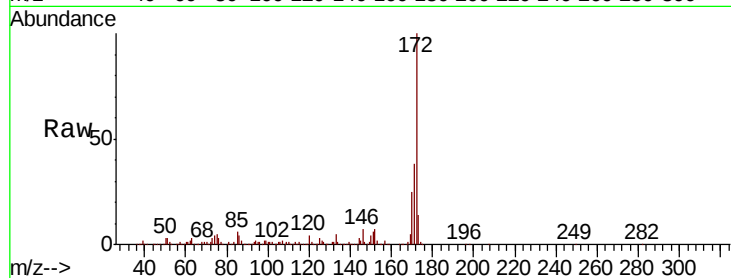


#45
 2-Fluorobiphenyl
 Concen: 97.445 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1533286

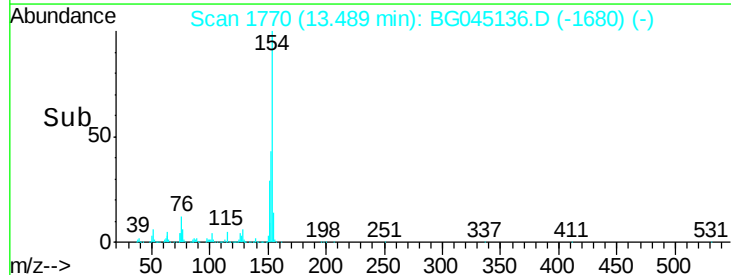
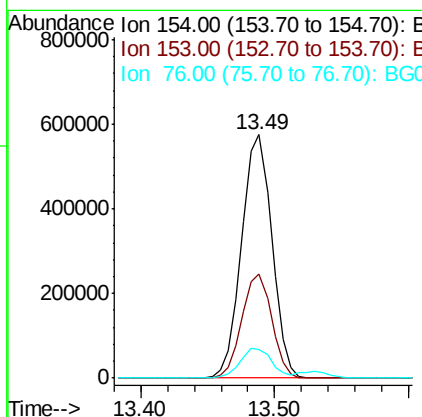
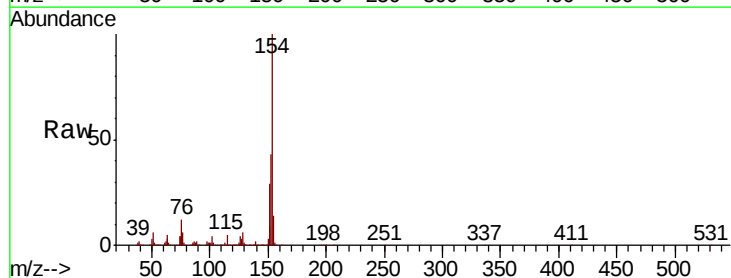
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	25.2	20.5	30.7

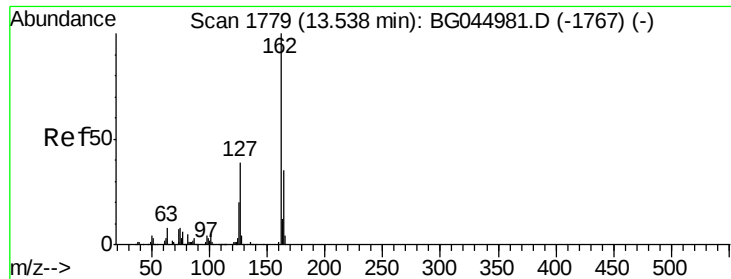


#46
 1,1'-Biphenyl
 Concen: 51.431 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion:154 Resp: 901929

Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.9	61.9
76	11.9	0.0	33.1

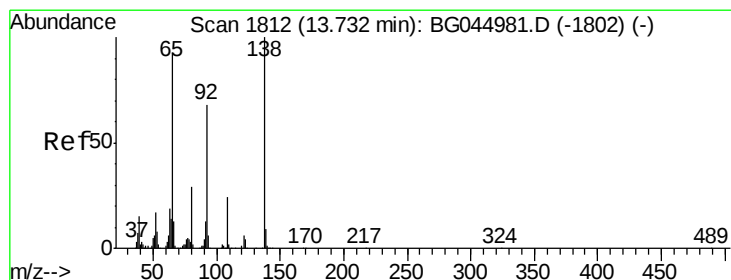
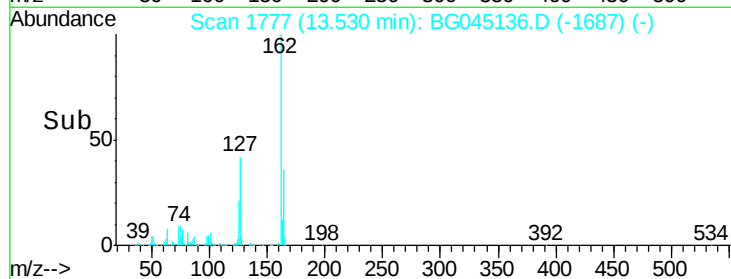
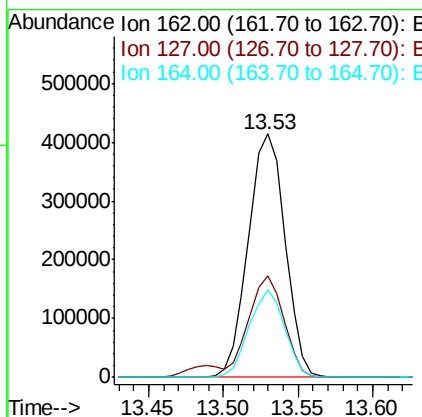
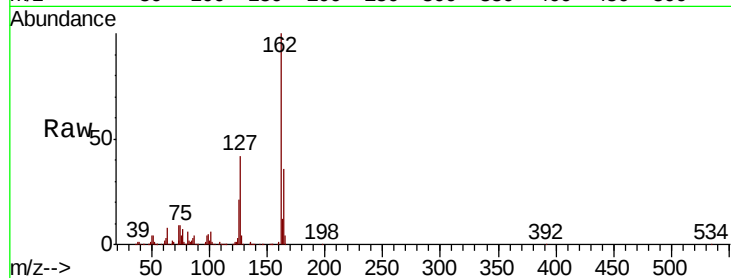




#47
 2-Chloronaphthalene
 Concen: 52.686 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

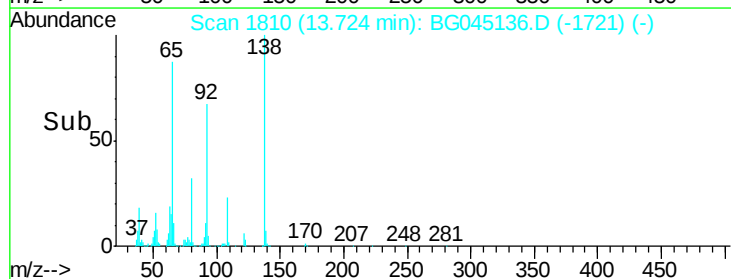
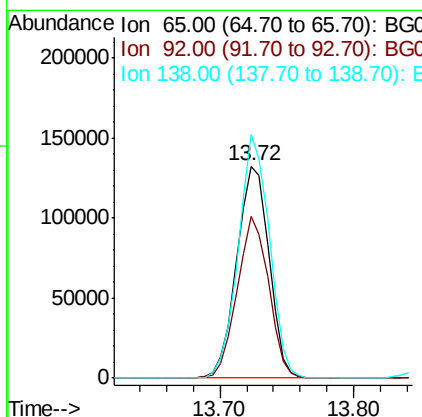
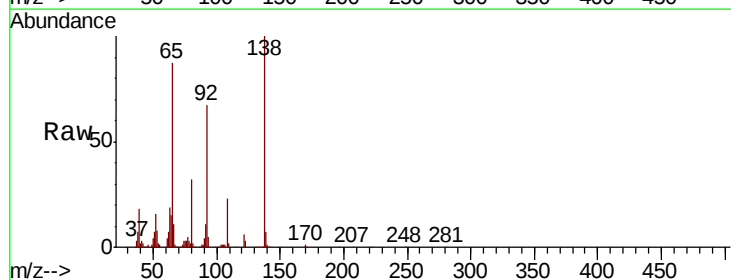
Instrument :
 BNA_G
 ClientSampled :

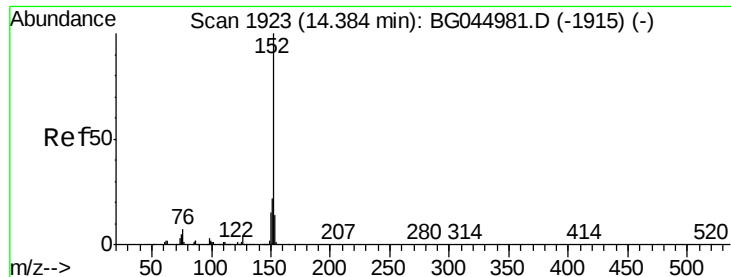
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.3	46.9
164	35.7	27.8	41.8



#48
 2-Nitroaniline
 Concen: 50.364 ng
 RT: 13.72 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	58.3	87.5
138	114.9	85.6	128.4





#49

Acenaphthylene

Concen: 51.700 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

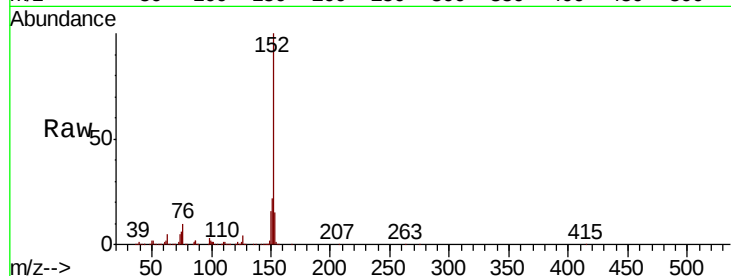
Tot Ion:152 Resp: 1128413

Ion Ratio Lower Upper

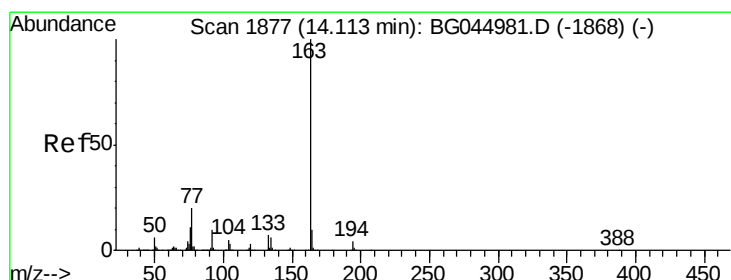
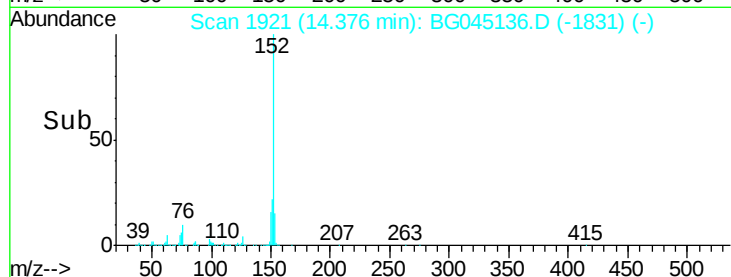
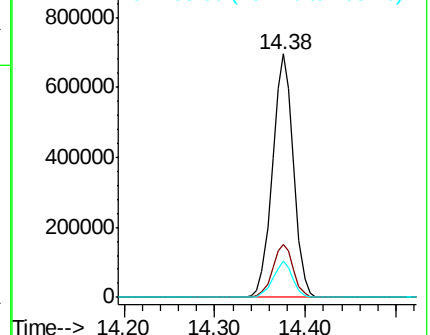
152 100

151 21.9 17.2 25.8

153 14.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.977 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

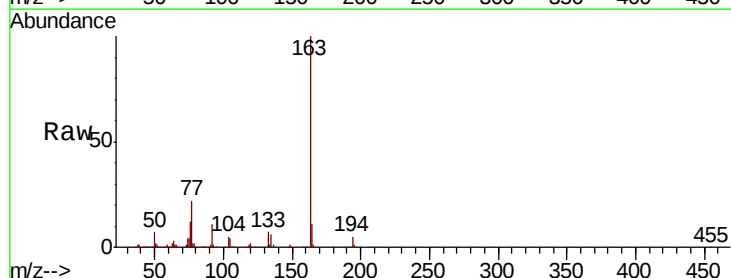
Tgt Ion:163 Resp: 1126765

Ion Ratio Lower Upper

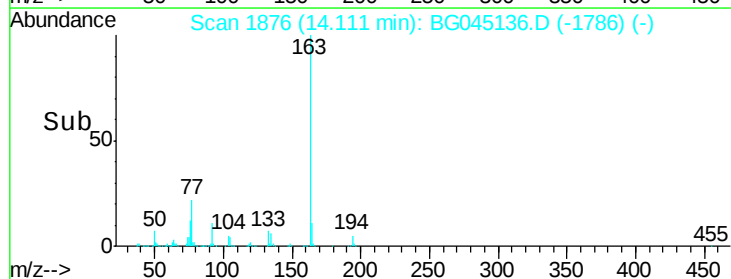
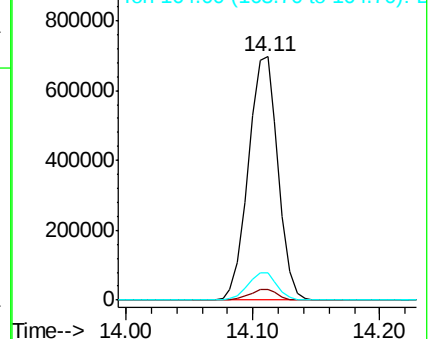
163 100

194 4.6 3.5 5.3

164 11.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

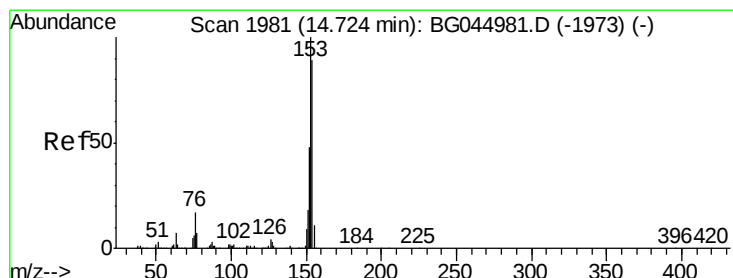
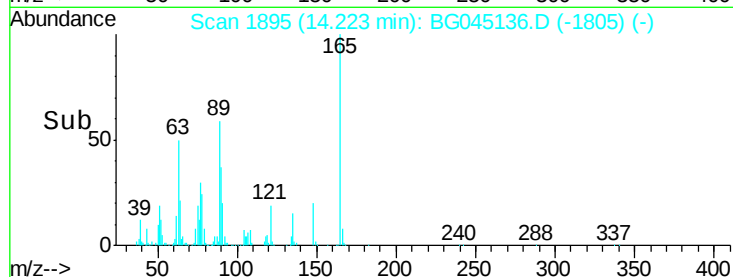
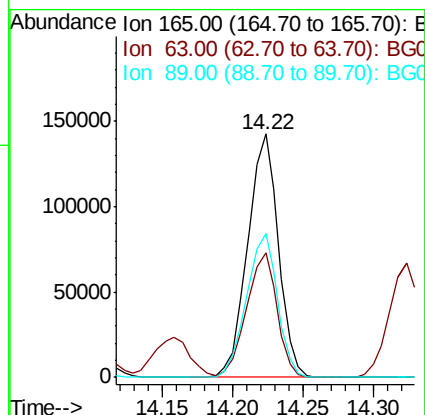
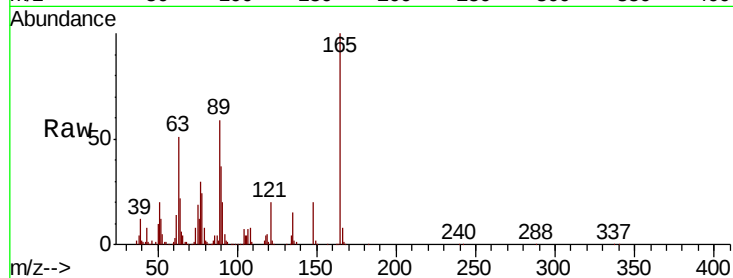




#51
 2,6-Dinitrotoluene
 Concen: 51.759 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

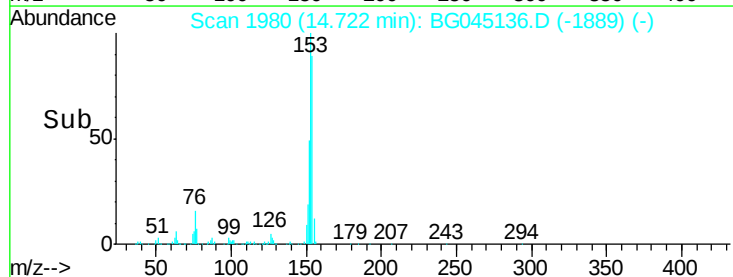
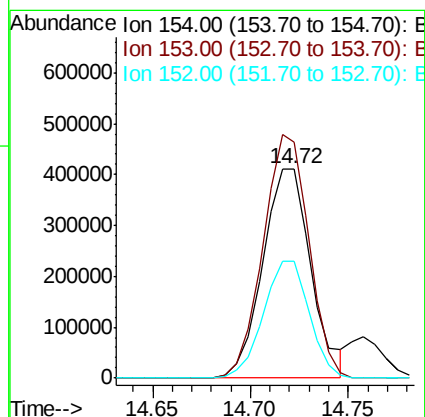
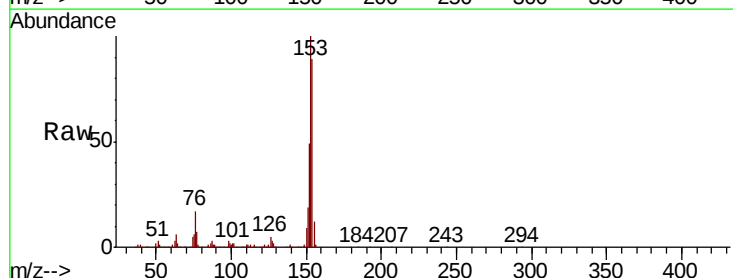
Instrument :
 BNA_G
 ClientSampleId :

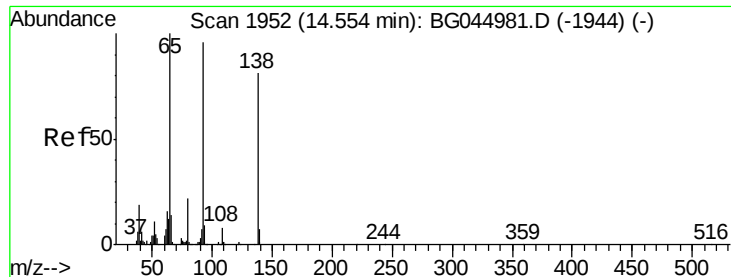
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	40.4	60.6
89	59.0	49.1	73.7



#52
 Acenaphthene
 Concen: 47.578 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. 0.01 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.7	134.5
152	55.7	43.1	64.7





#53

3-Nitroaniline

Concen: 30.030 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

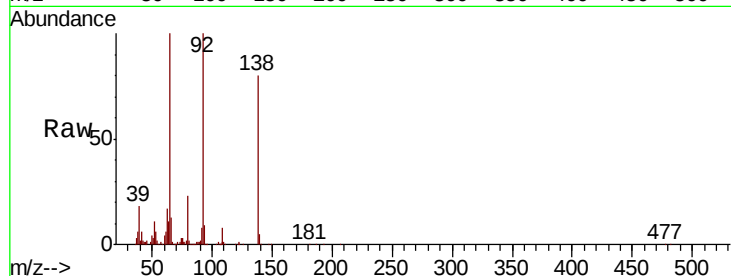
Tot Ion:138 Resp: 138395

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

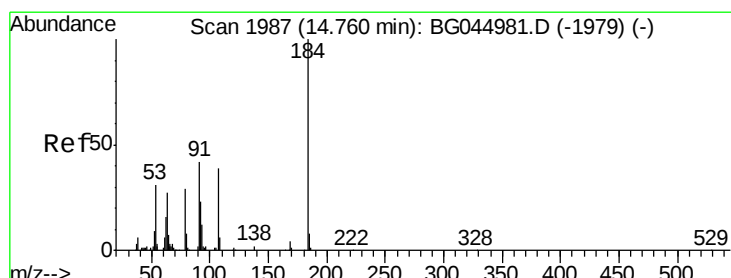
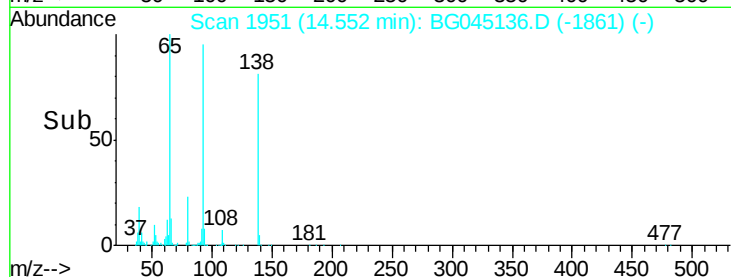
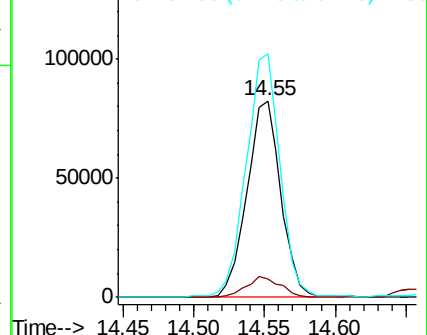
92 124.1 94.5 141.7



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): BGC



#54

2,4-Dinitrophenol

Concen: 74.174 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

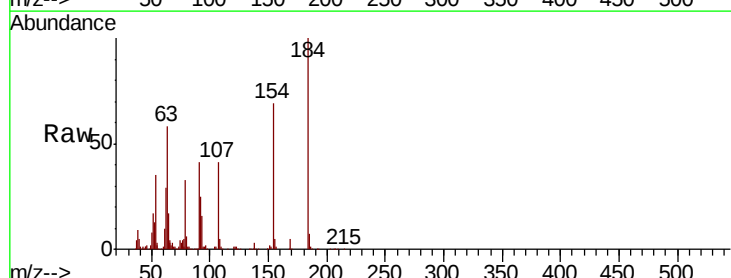
Tgt Ion:184 Resp: 185334

Ion Ratio Lower Upper

184 100

63 57.9 41.5 62.3

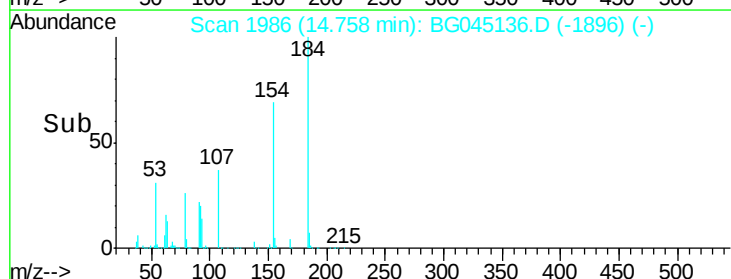
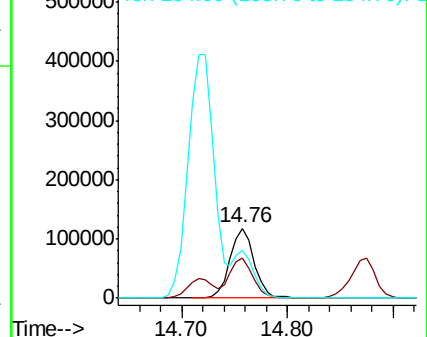
154 68.6 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

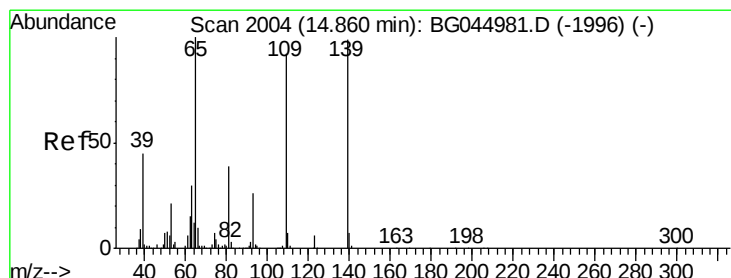
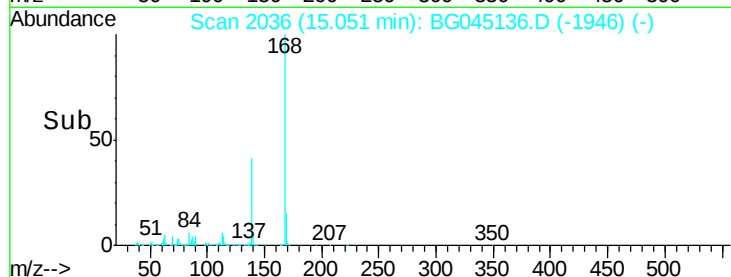
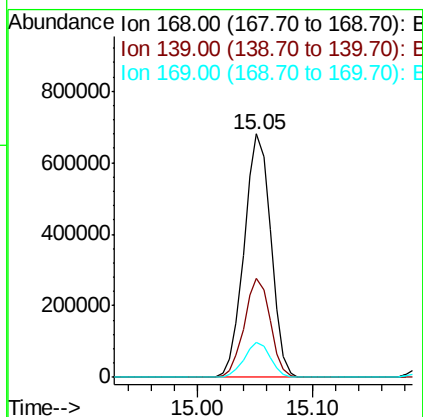
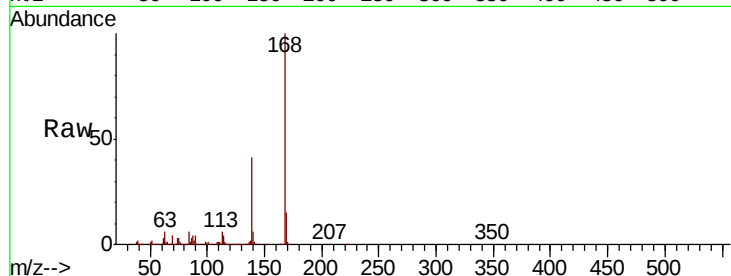




#55
Dibenzenofuran
Concen: 50.681 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

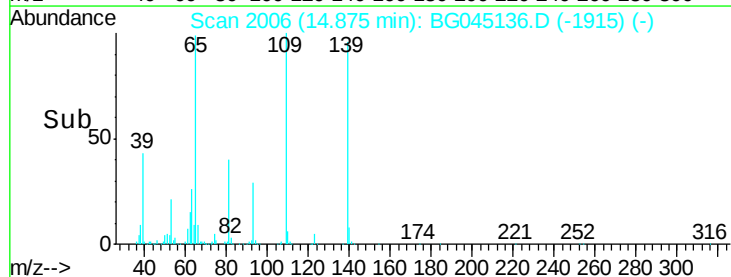
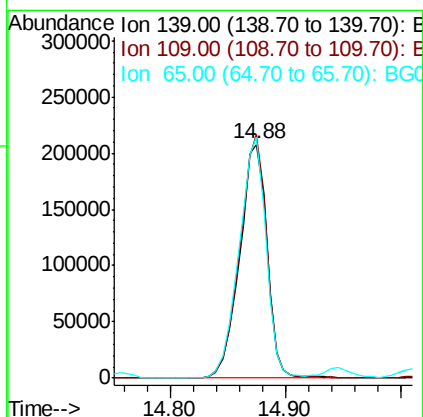
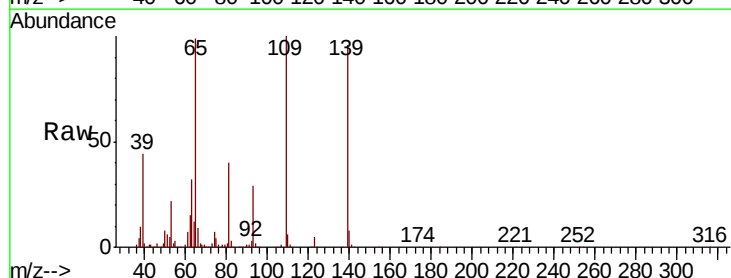
Instrument :
BNA_G
ClientSampleId :

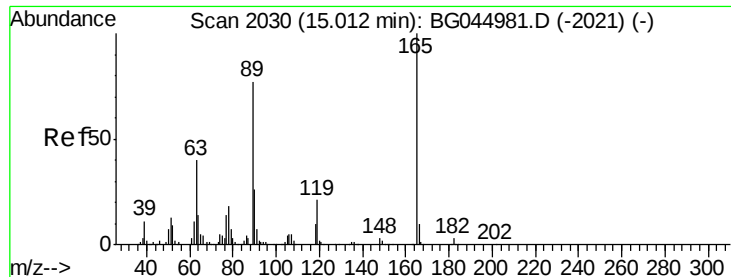
Tot Ion:168 Resp: 1091168
Ion Ratio Lower Upper
168 100
139 40.8 30.4 45.6
169 14.6 11.0 16.4



#56
4-Nitrophenol
Concen: 95.777 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:139 Resp: 342243
Ion Ratio Lower Upper
139 100
109 104.1 73.6 113.6
65 102.9 81.2 121.2

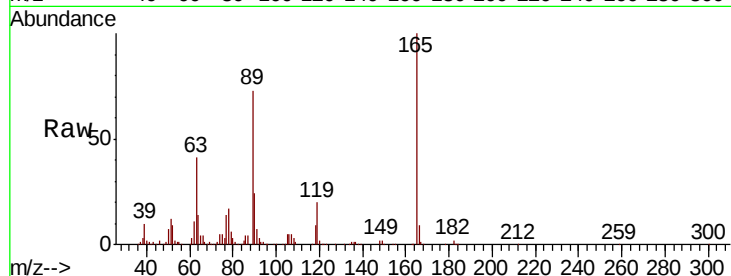




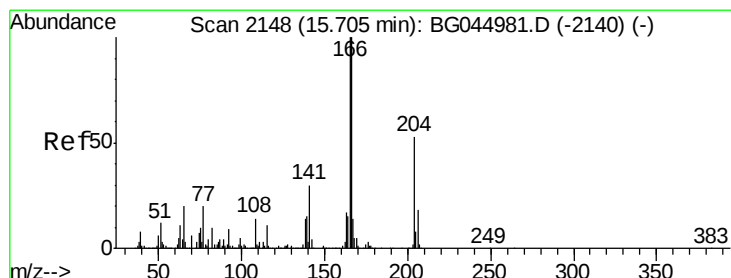
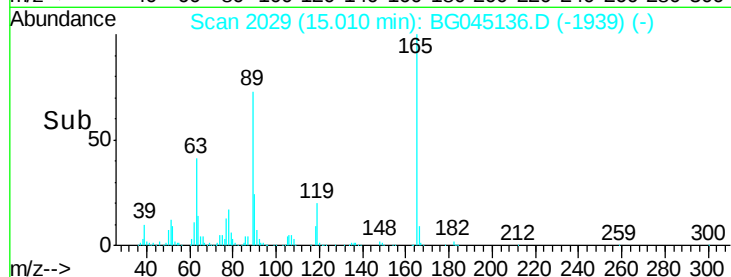
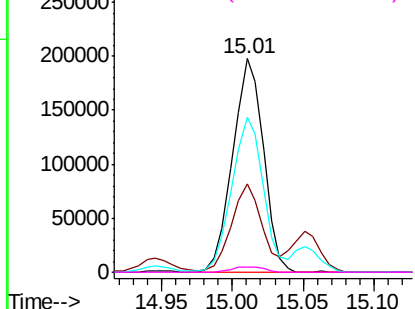
#57
2,4-Dinitrotoluene
Concen: 49.082 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 301401
Ion Ratio Lower Upper
165 100
63 41.1 32.2 48.2
89 72.5 61.7 92.5
182 2.1 2.0 3.0

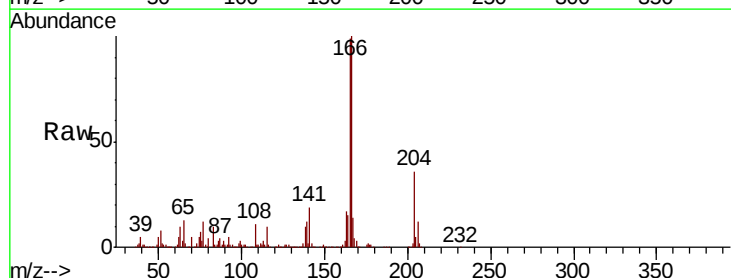


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

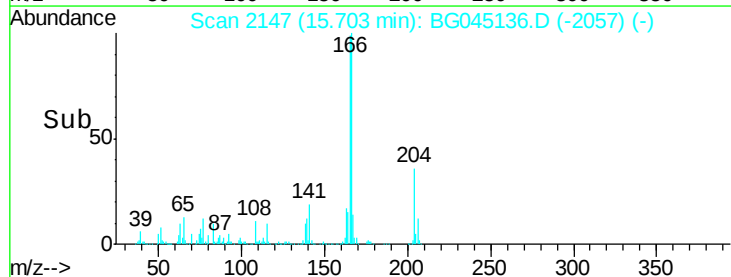
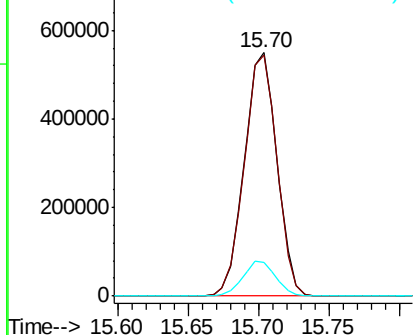


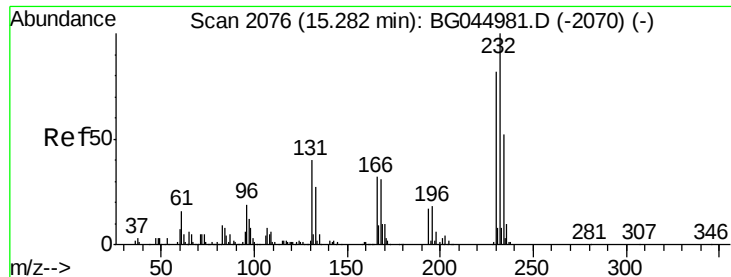
#58
Fluorene
Concen: 50.602 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:166 Resp: 889884
Ion Ratio Lower Upper
166 100
165 98.8 79.9 119.9
167 13.9 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

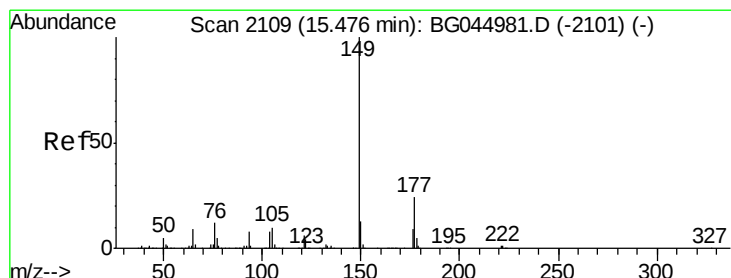
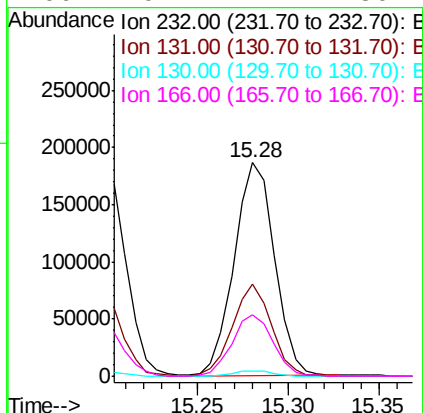
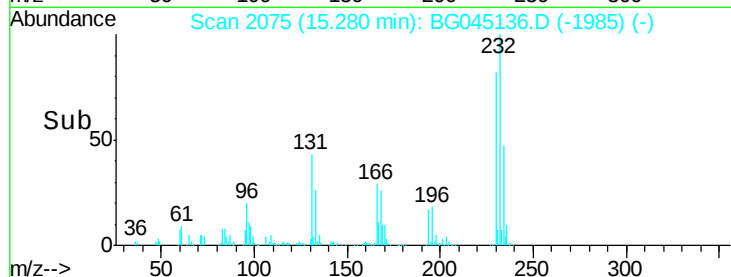
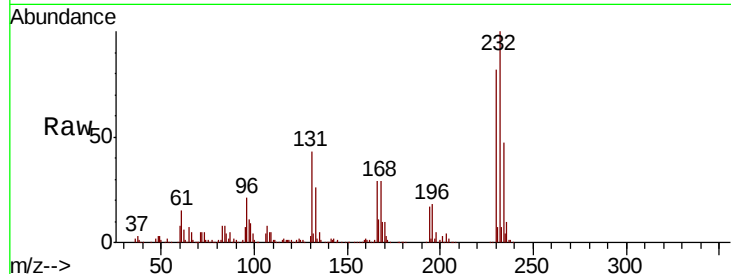




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.462 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

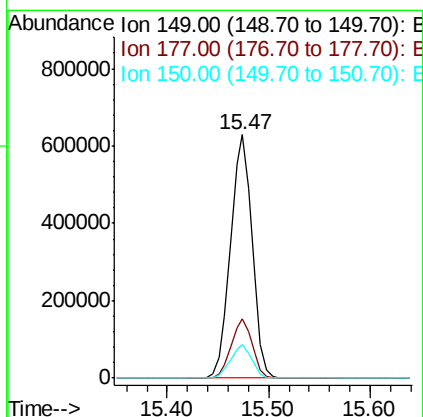
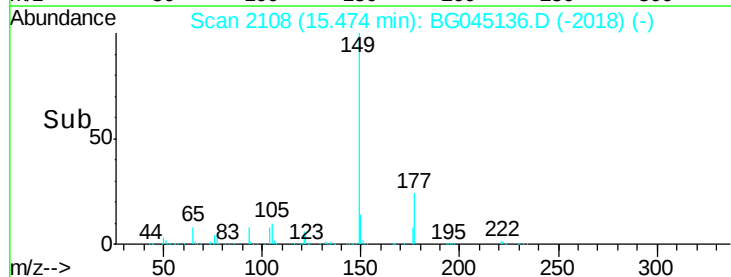
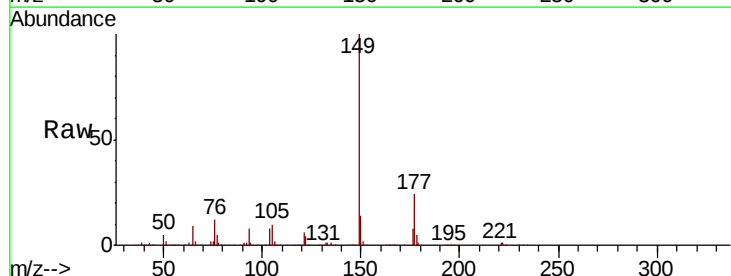
Instrument :
 BNA_G
 ClientSampleId :

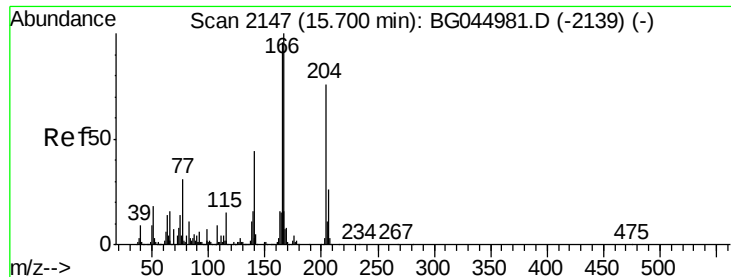
Tot Ion:232	Resp:	289196
Ion Ratio	Lower	Upper
232	100	
131	41.9	32.2 48.2
130	2.6	2.2 3.2
166	29.2	24.2 36.4



#60
 Diethylphthalate
 Concen: 47.380 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion:149	Resp:	928020
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.9 28.3
150	13.8	10.6 15.8

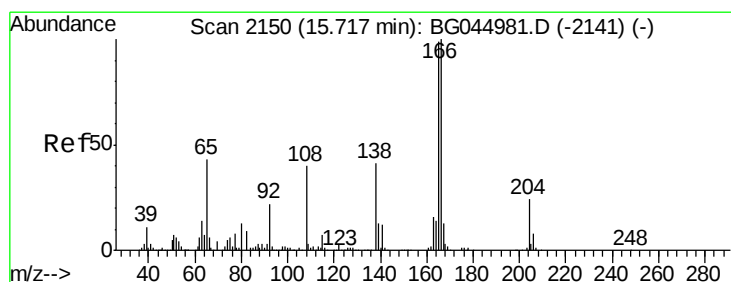
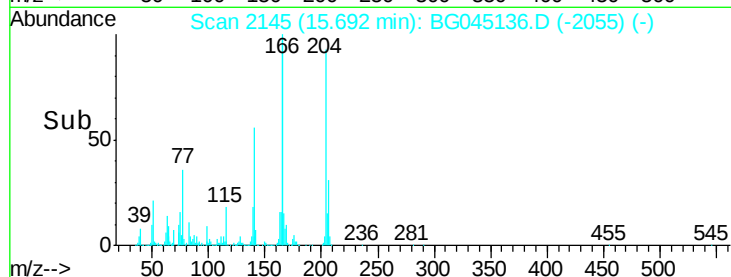
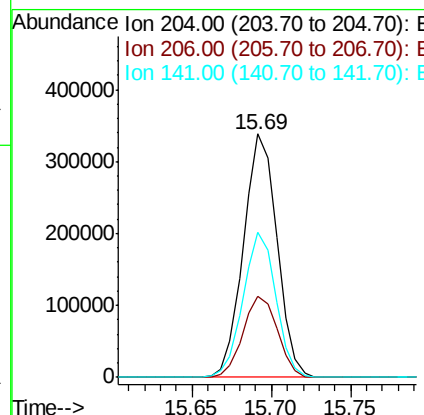
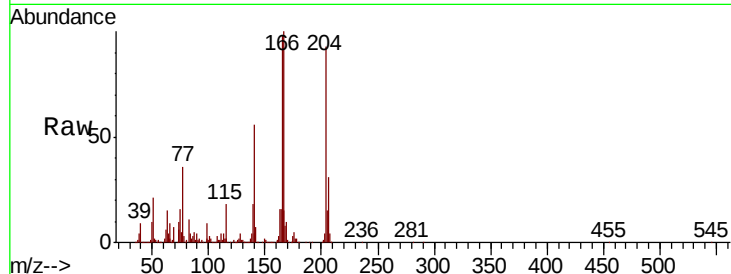




#61
4-Chlorophenyl-phenylether
Concen: 48.993 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

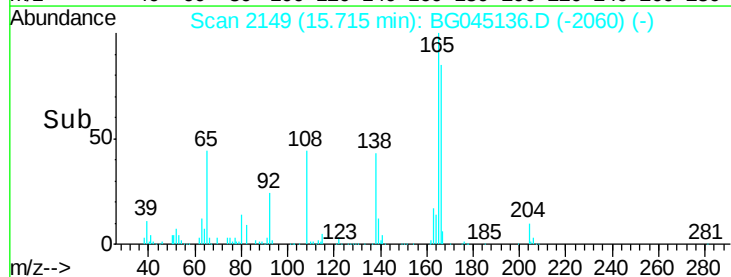
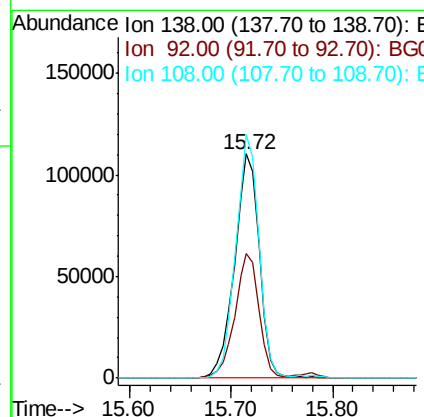
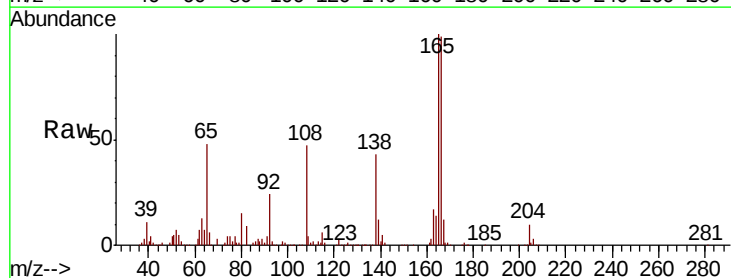
Instrument :
BNA_G
ClientSampled :

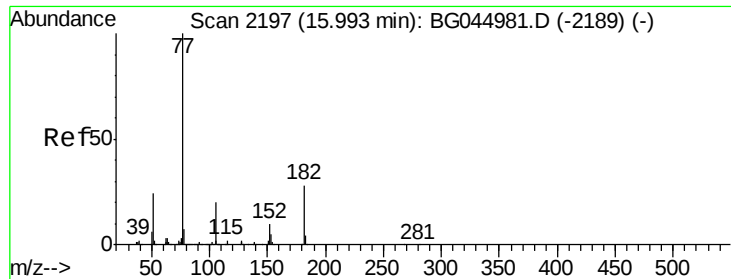
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	59.6	46.3	69.5



#62
4-Nitroaniline
Concen: 39.180 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	33.6	73.6
108	108.7	78.2	118.2





#63

Azobenzene

Concen: 49.908 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 901262

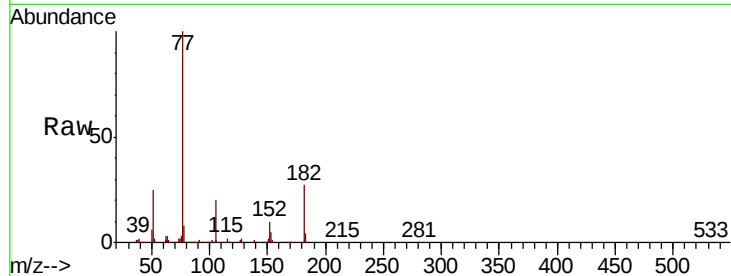
Ion Ratio Lower Upper

77 100

182 26.8 8.4 48.4

105 19.6 0.5 40.5

51 24.6 4.4 44.4

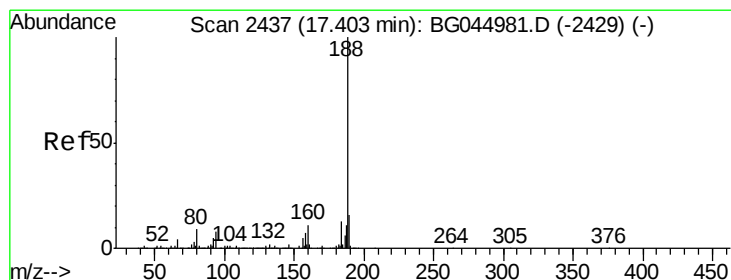
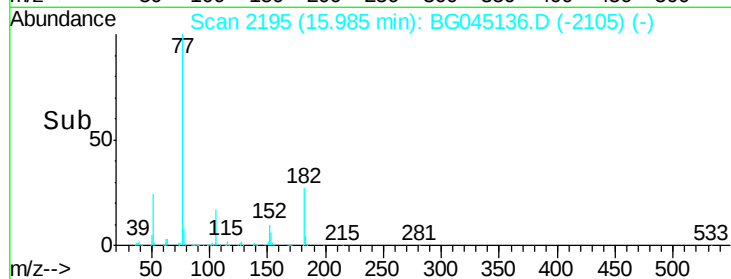
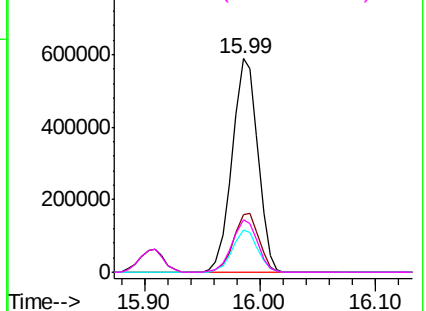


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

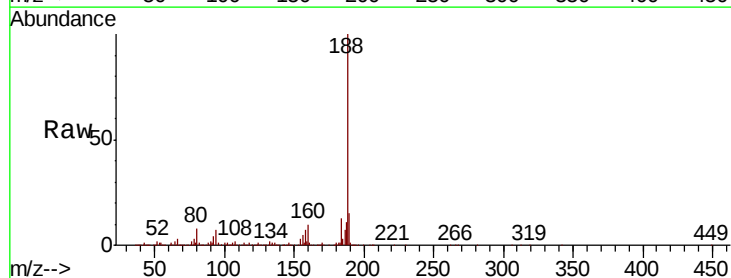
Tgt Ion: 188 Resp: 510281

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

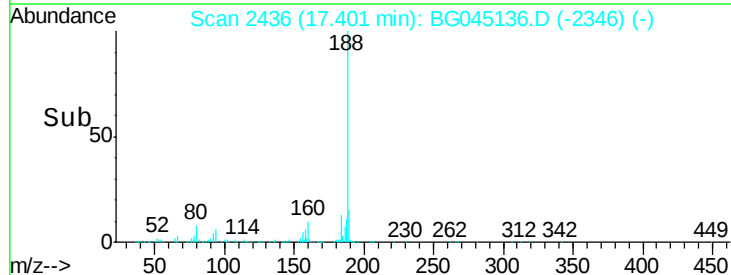
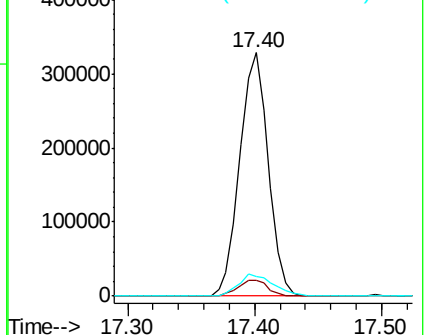
80 8.3 7.0 10.6

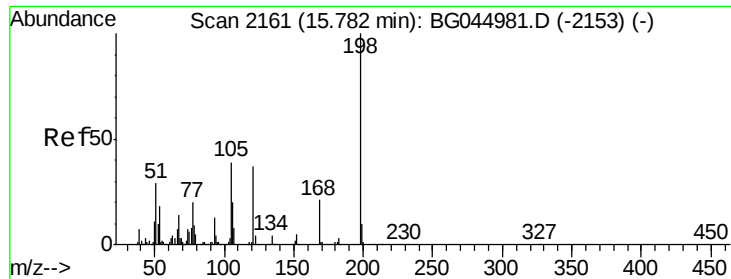


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

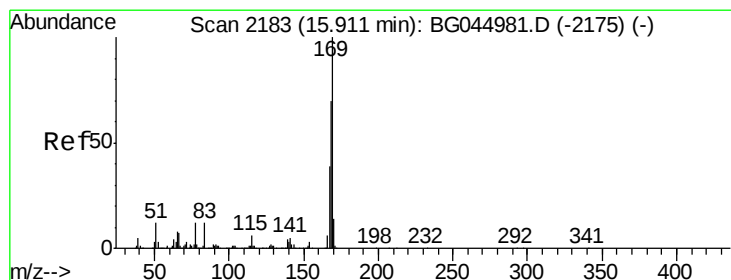
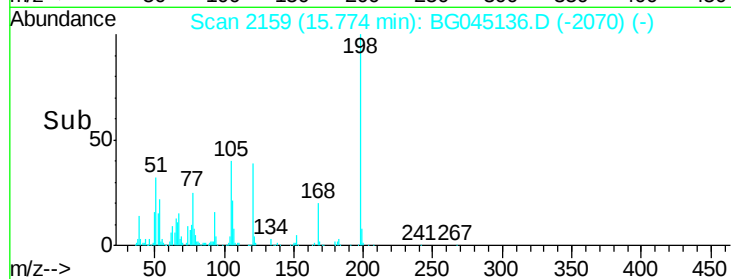
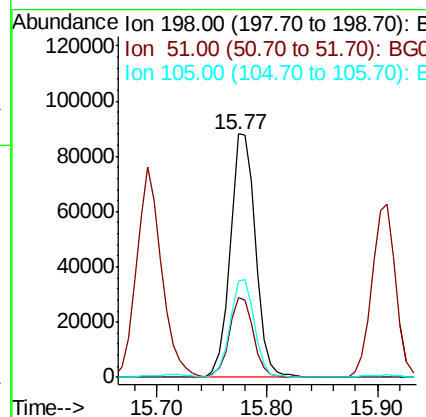
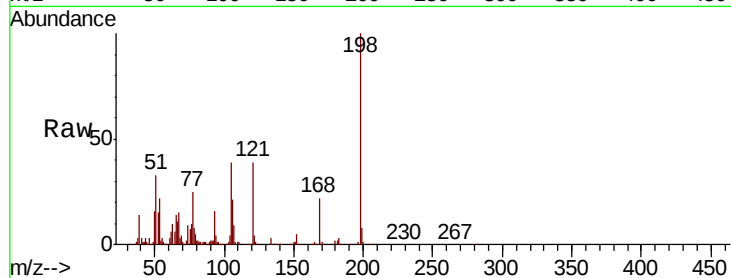




#65
4,6-Dinitro-2-methylphenol
Concen: 42.206 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

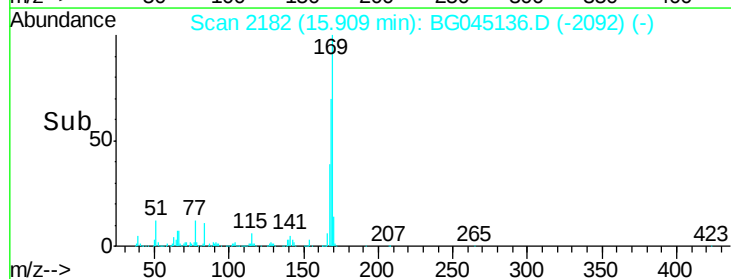
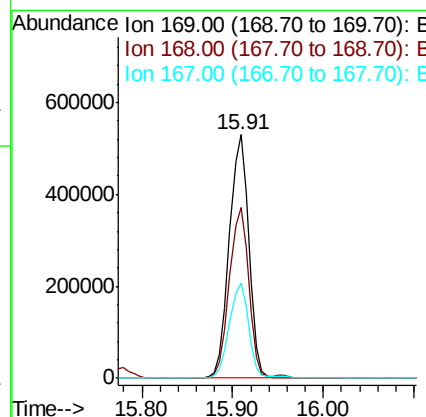
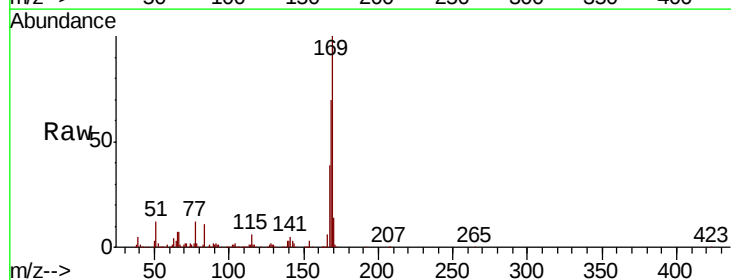
Instrument :
BNA_G
ClientSampled :

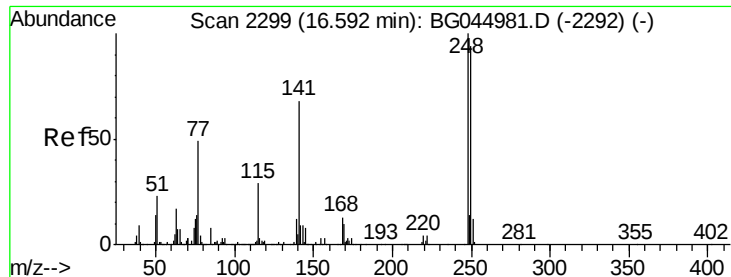
Tot Ion	198	Resp	141563
Ion Ratio	100	Lower	Upper
51	32.5	10.0	50.0
105	39.4	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 53.988 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion	169	Resp	791541
Ion Ratio	100	Lower	Upper
168	70.0	55.8	83.8
167	38.9	30.8	46.2

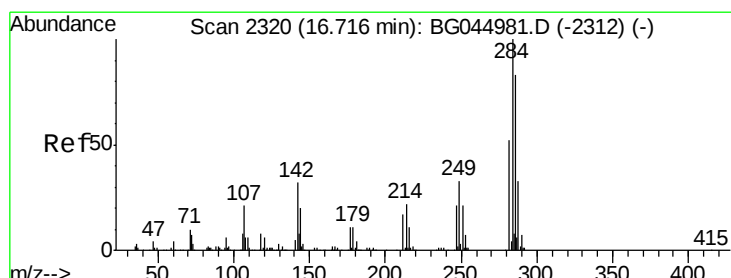
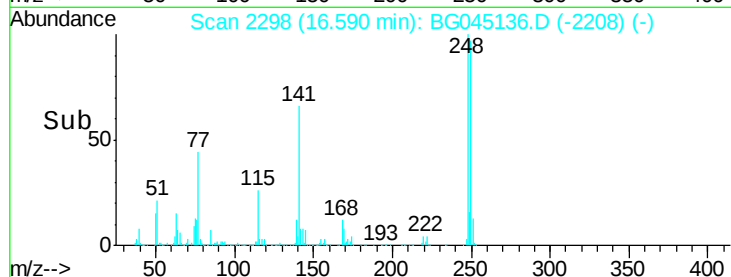
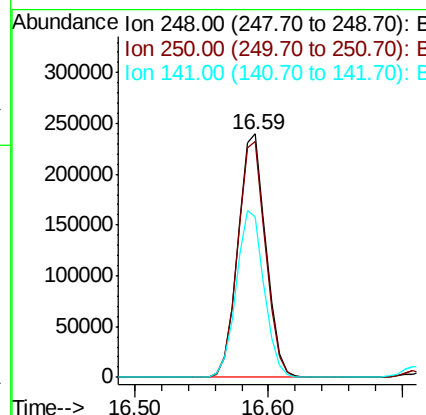
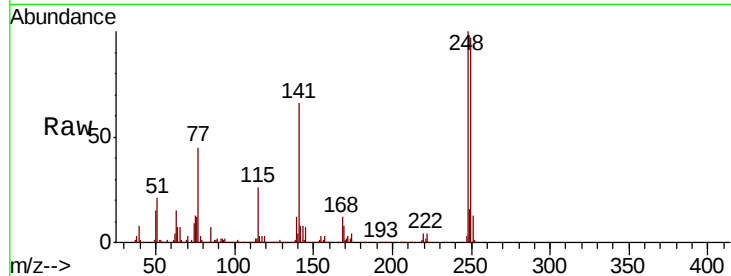




#67
4-Bromophenyl-phenylether
Concen: 52.510 ng
RT: 16.59 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

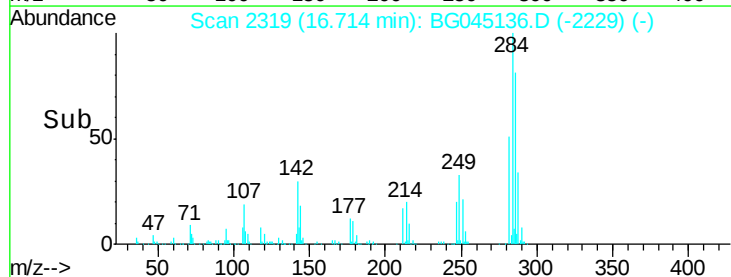
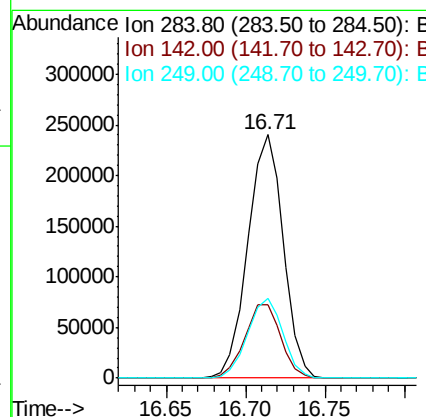
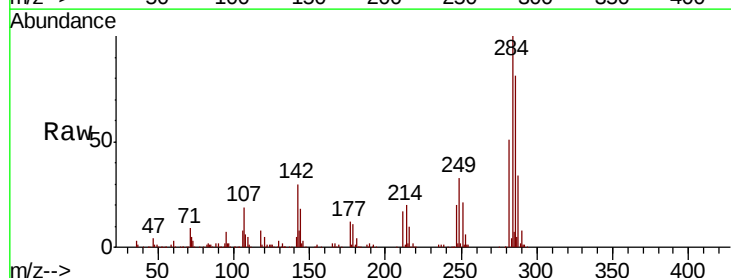
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 345674
Ion Ratio Lower Upper
248 100
250 96.9 75.4 113.2
141 65.9 54.4 81.6



#68
Hexachlorobenzene
Concen: 54.411 ng
RT: 16.71 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:284 Resp: 371485
Ion Ratio Lower Upper
284 100
142 30.4 25.8 38.6
249 32.7 26.6 39.8





#69

Atrazine

Concen: 61.460 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampled :

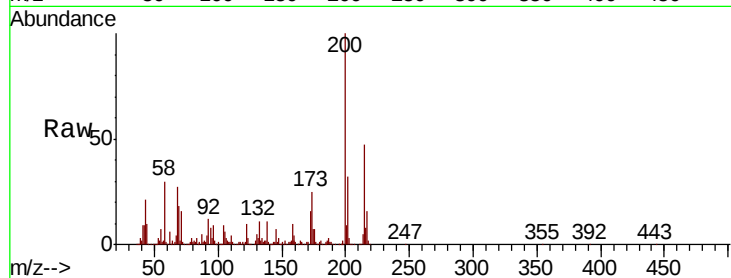
Tot Ion:200 Resp: 319313

Ion Ratio Lower Upper

200 100

173 25.2 4.5 44.5

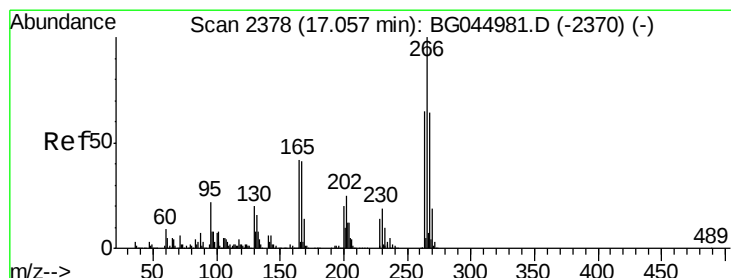
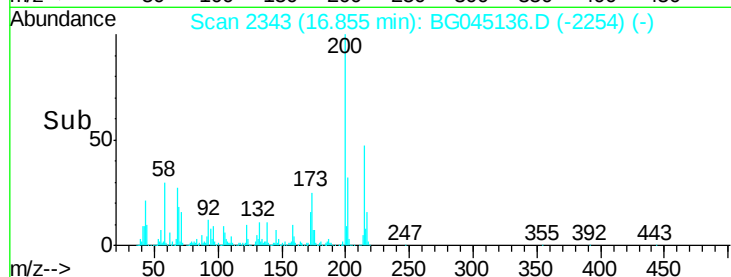
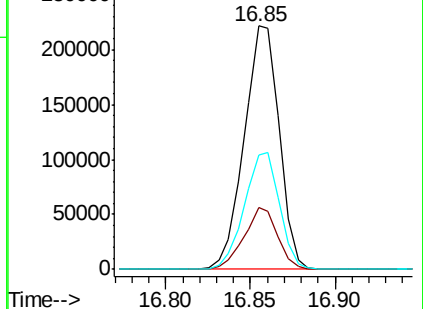
215 46.7 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.645 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

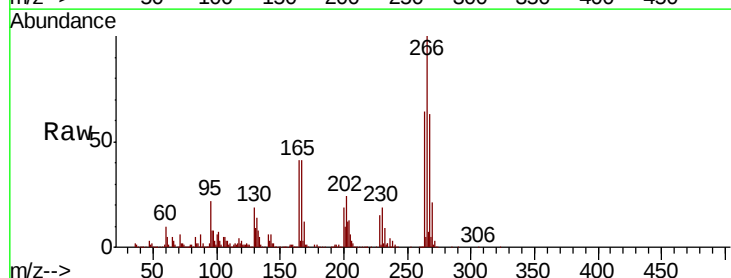
Tgt Ion:266 Resp: 455042

Ion Ratio Lower Upper

266 100

268 63.2 51.5 77.3

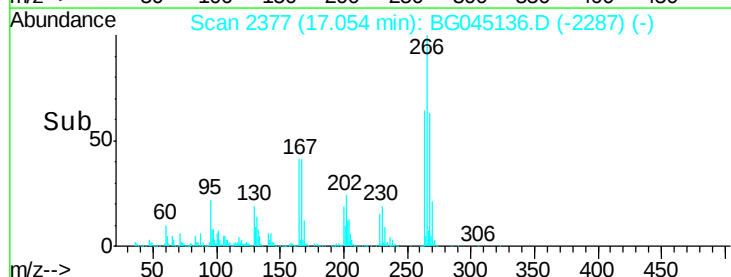
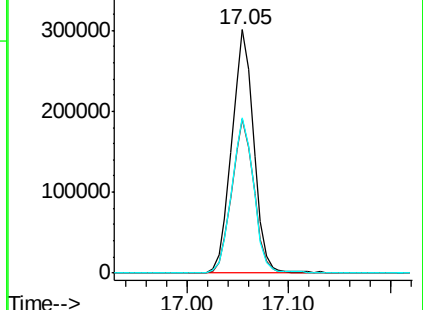
264 63.9 52.2 78.4



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

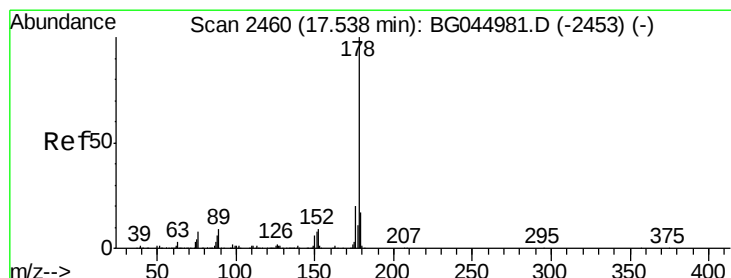
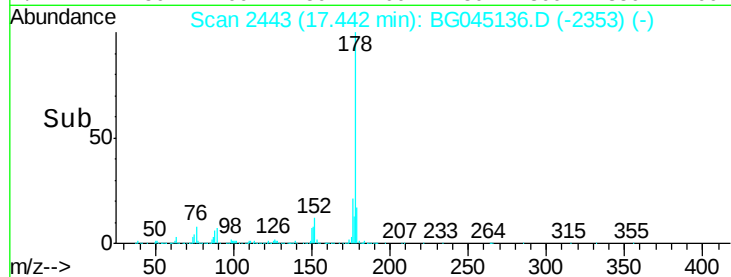
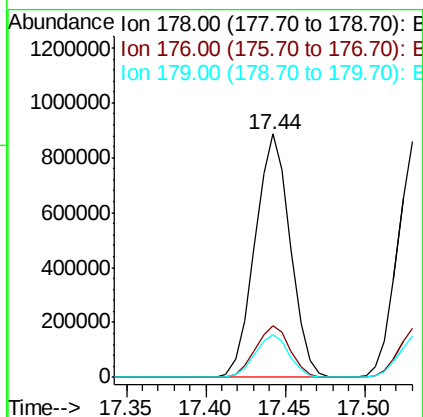
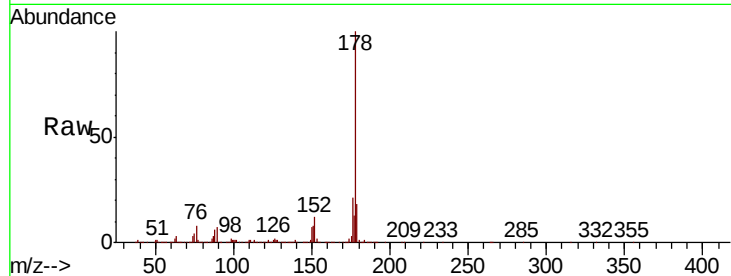




#71
Phenanthrene
Concen: 52.256 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

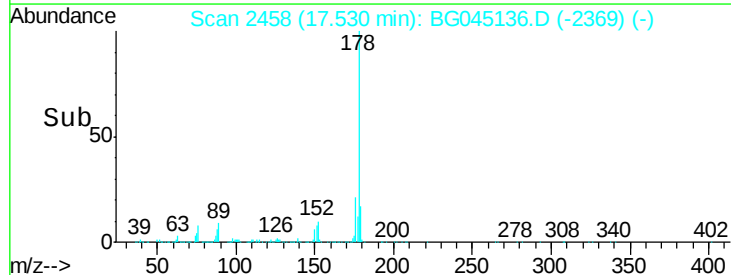
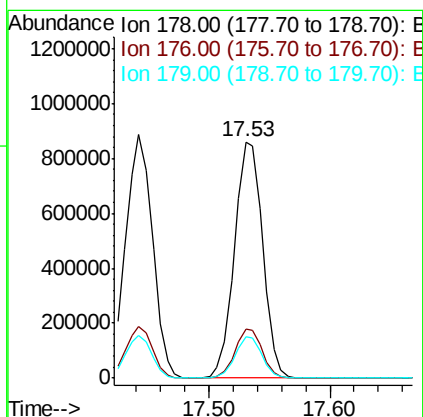
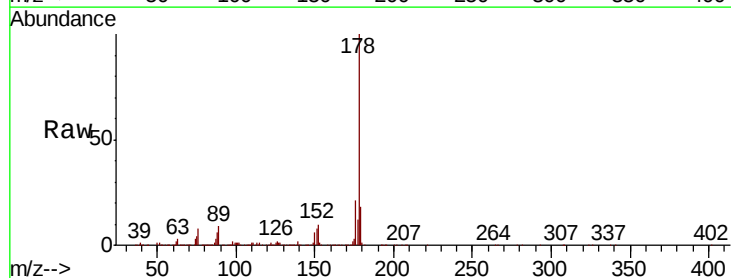
Instrument :
BNA_G
ClientSampled :

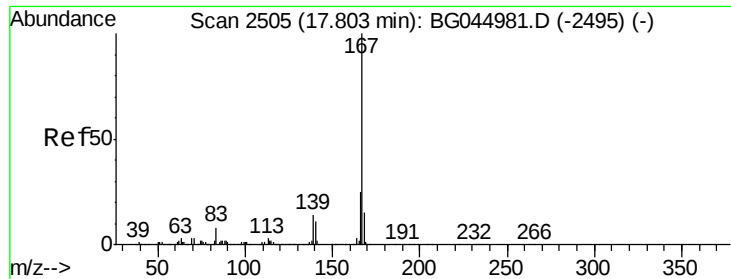
Tot Ion:178 Resp: 1370258
Ion Ratio Lower Upper
178 100
176 21.4 16.8 25.2
179 17.5 13.2 19.8



#72
Anthracene
Concen: 53.104 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:178 Resp: 1396821
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 17.6 13.6 20.4





#73

Carbazole

Concen: 47.701 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampled :

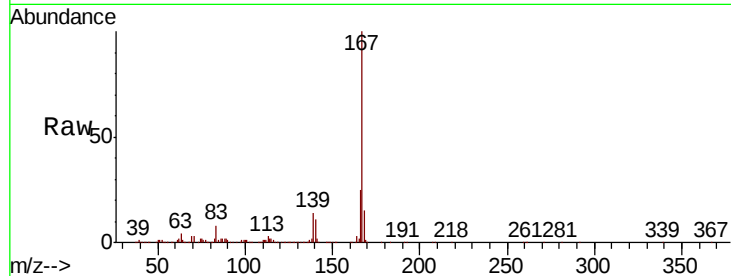
Tot Ion:167 Resp: 1273278

Ion Ratio Lower Upper

167 100

166 24.8 19.8 29.6

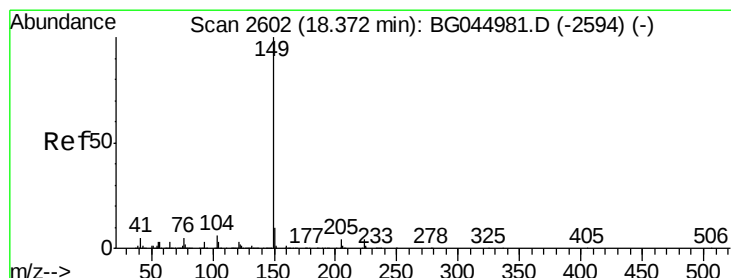
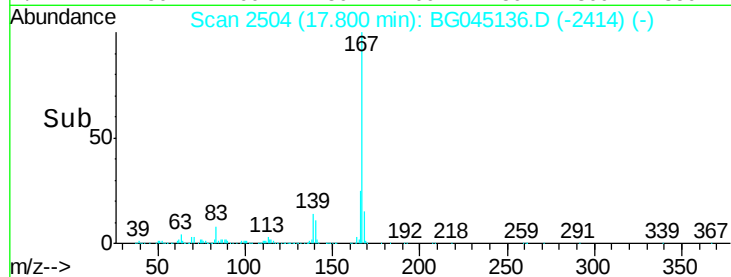
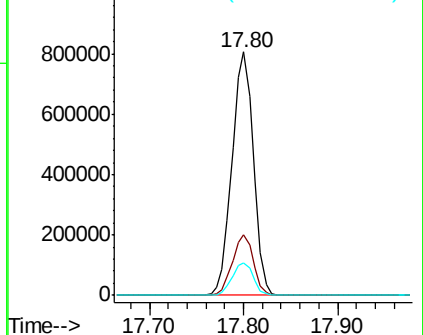
139 13.5 10.9 16.3



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: 52.368 ng

RT: 18.36 min Scan# 2600

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

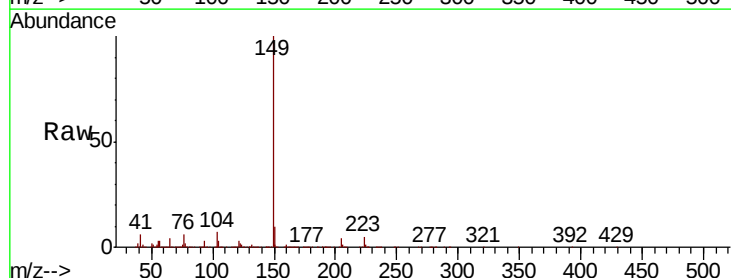
Tgt Ion:149 Resp: 1492735

Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

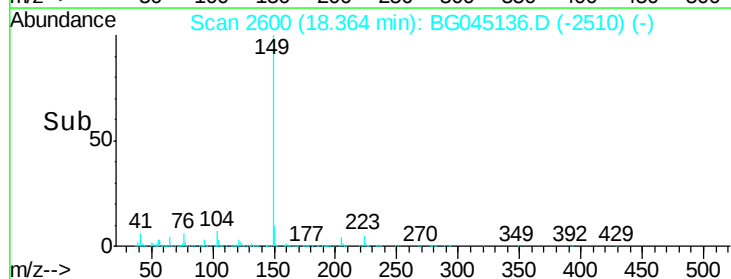
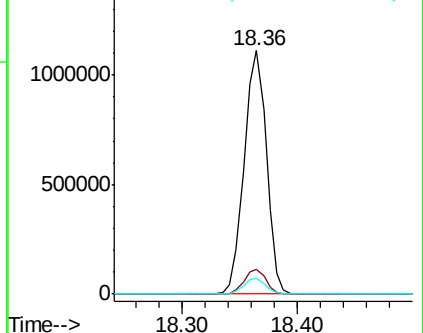
104 6.7 4.8 7.2

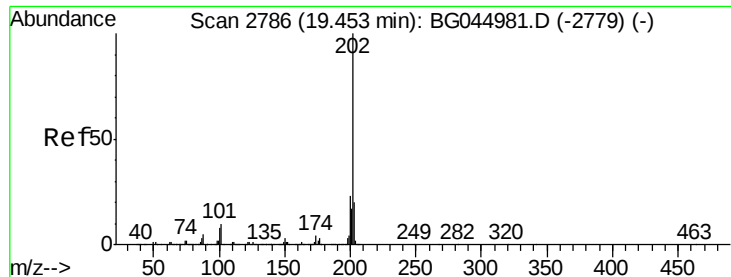


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.789 ng

RT: 19.45 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

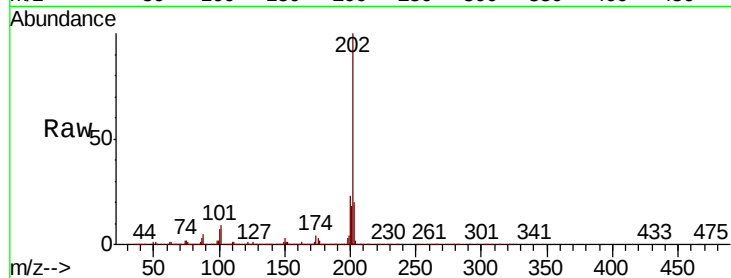
Tot Ion:202 Resp: 1620694

Ion Ratio Lower Upper

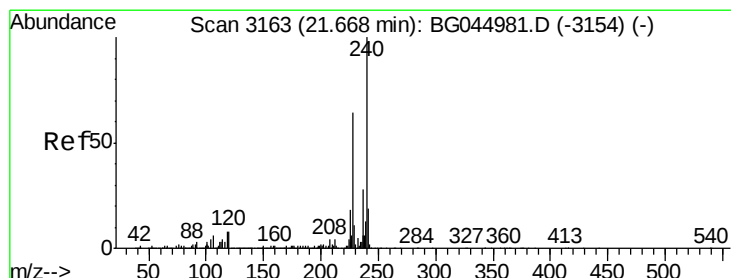
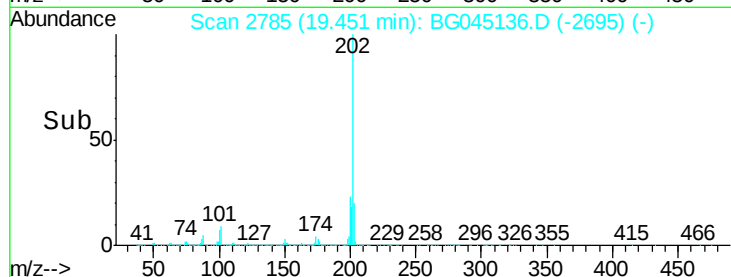
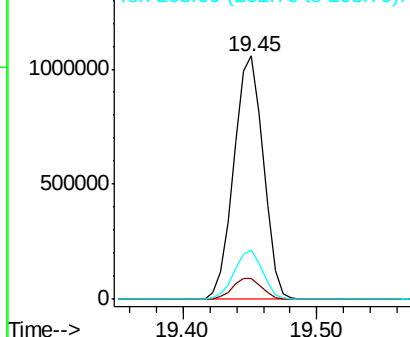
202 100

101 8.8 0.0 29.6

203 20.2 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: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

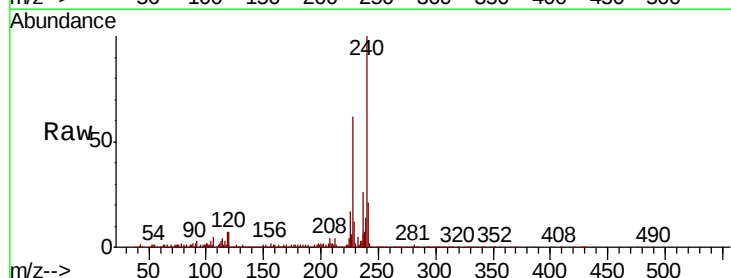
Tgt Ion:240 Resp: 452939

Ion Ratio Lower Upper

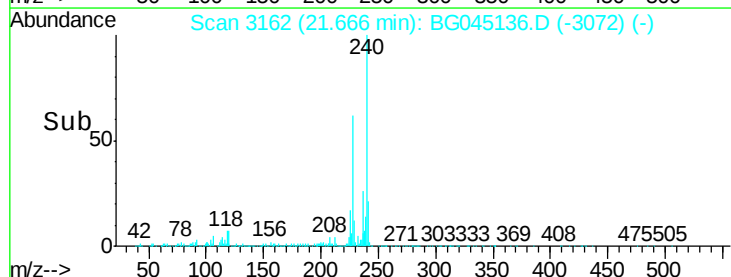
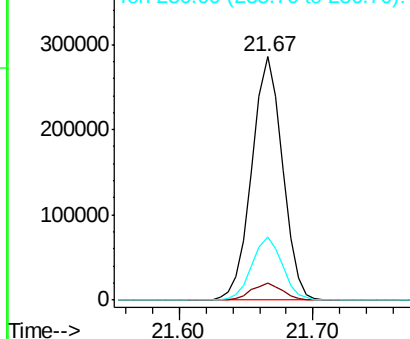
240 100

120 6.9 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: 58.582 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

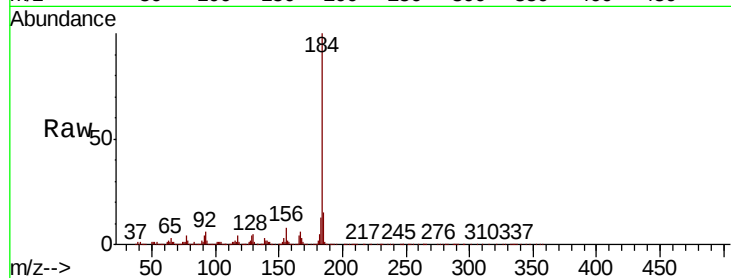
Tot Ion:184 Resp: 744955

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

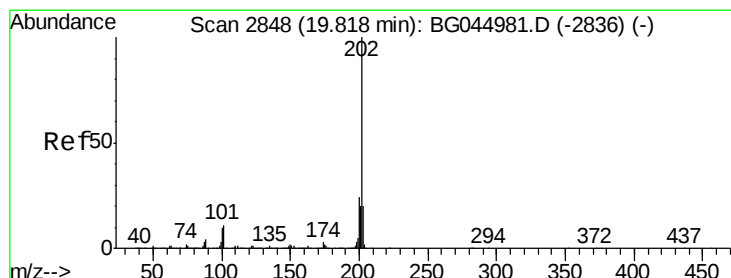
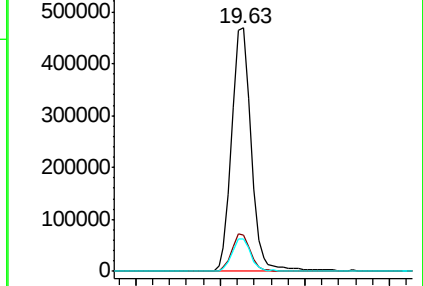
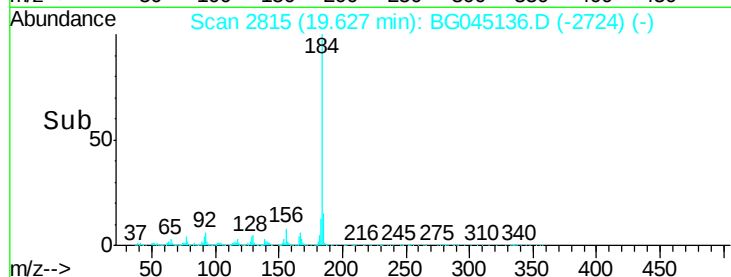
183 13.3 11.3 16.9



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

Pyrene

Concen: 50.662 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

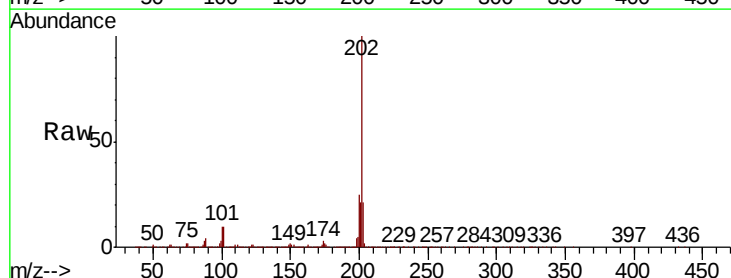
Tgt Ion:202 Resp: 1581961

Ion Ratio Lower Upper

202 100

200 24.9 19.0 28.6

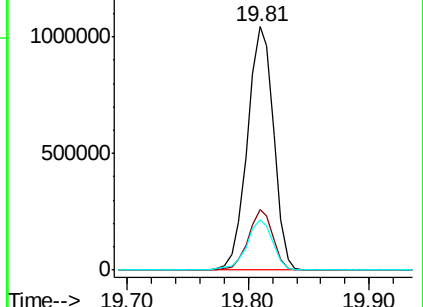
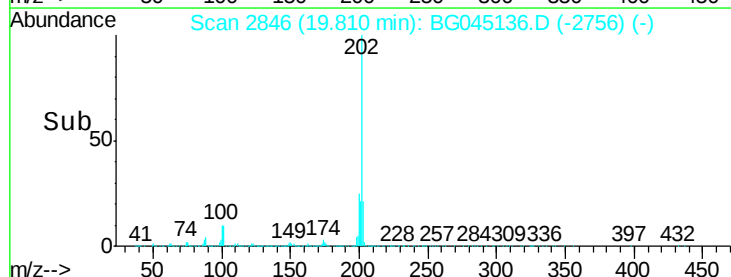
203 20.7 16.1 24.1

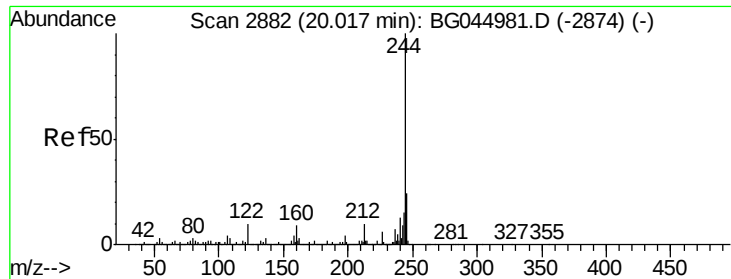


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.170 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

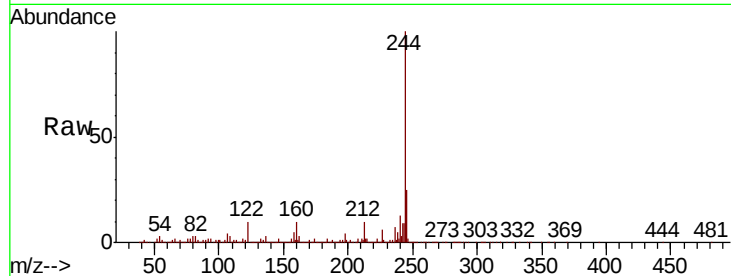
Tot Ion:244 Resp: 2206331

Ion Ratio Lower Upper

244 100

212 10.3 7.9 11.9

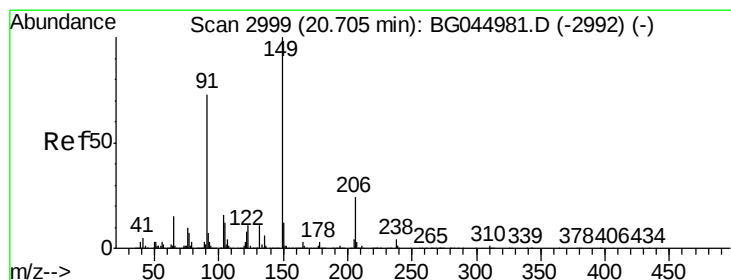
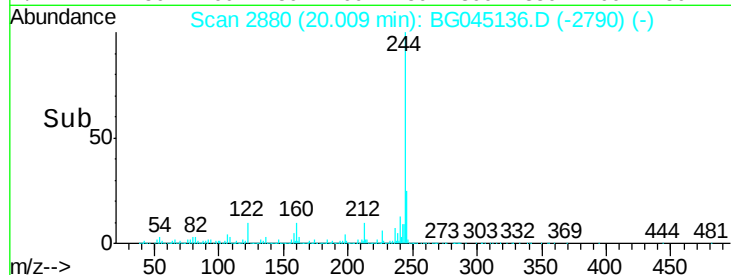
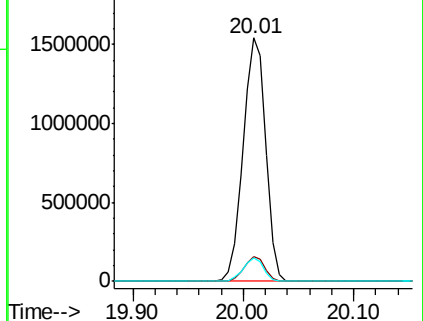
122 9.7 7.7 11.5



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: 51.320 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

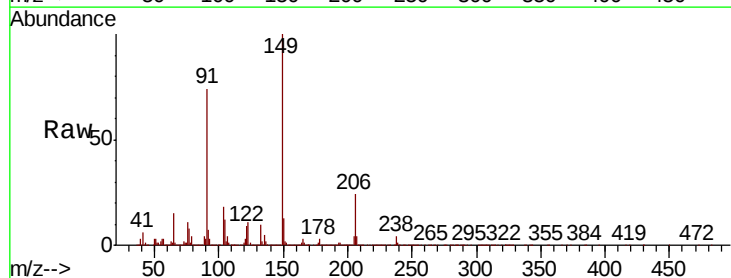
Tgt Ion:149 Resp: 664257

Ion Ratio Lower Upper

149 100

91 74.1 58.5 87.7

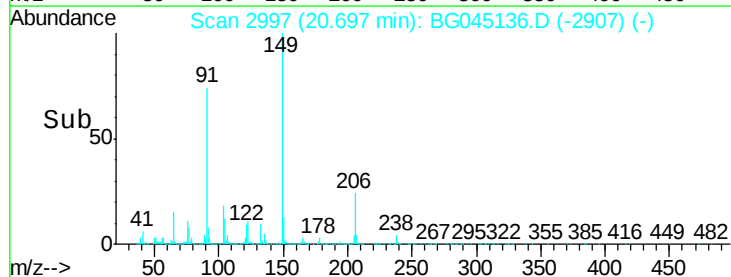
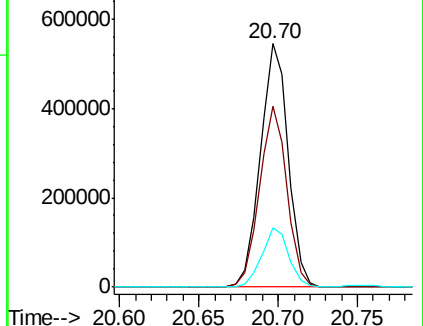
206 24.1 19.2 28.8

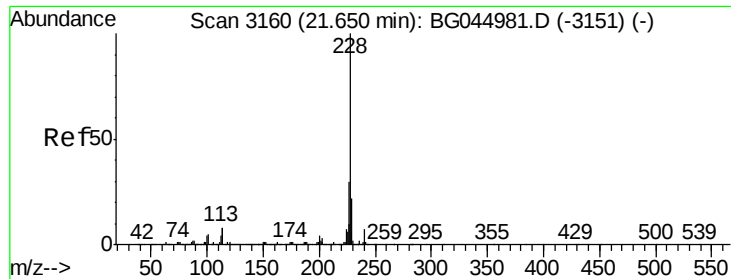


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.644 ng

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

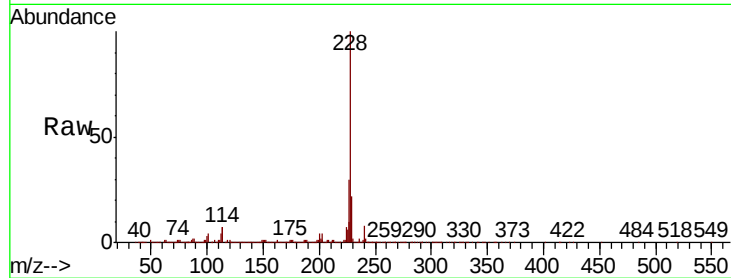
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1545458

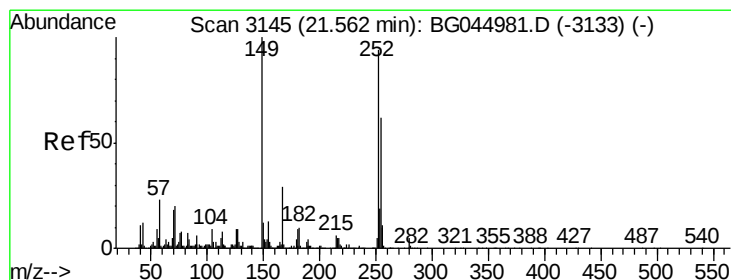
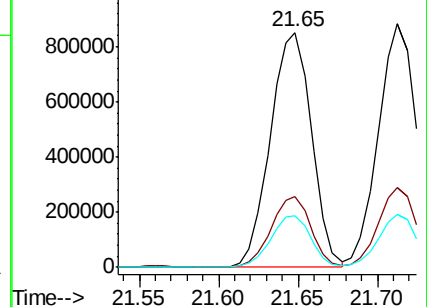
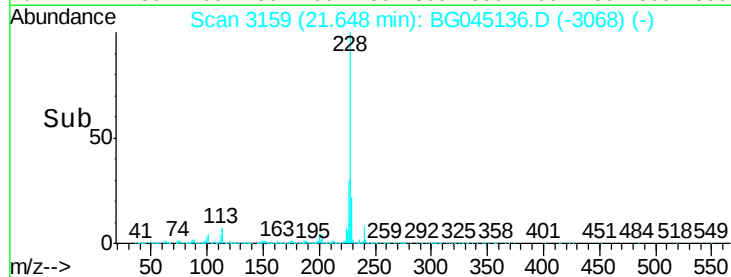
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.0	17.5	26.3



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: 39.242 ng

RT: 21.56 min Scan# 3144

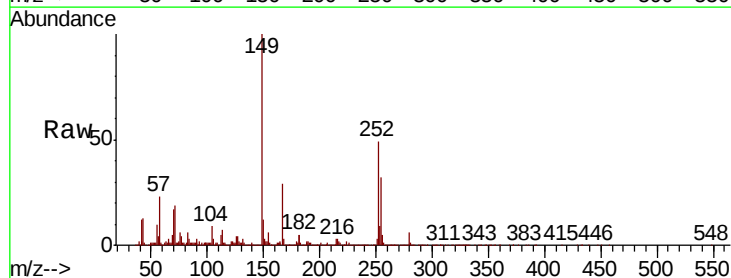
Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Tgt Ion:252 Resp: 458529

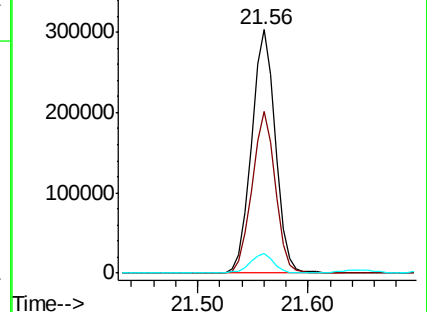
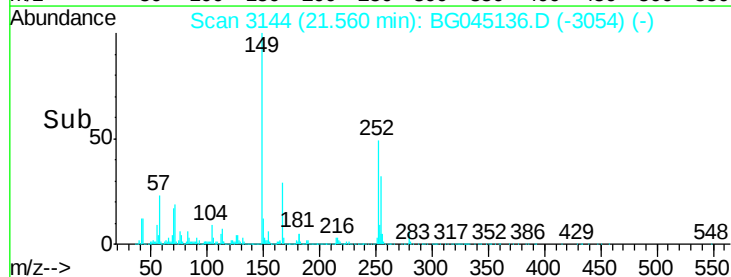
Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.6	79.0
126	8.2	7.5	11.3

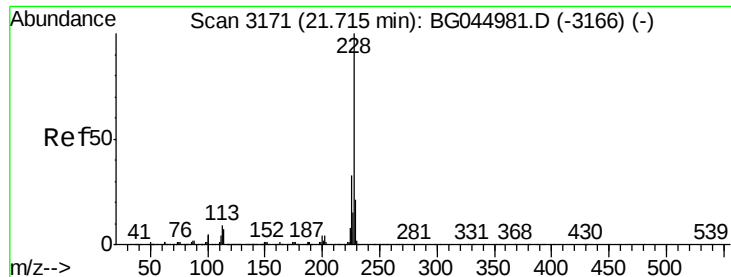


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



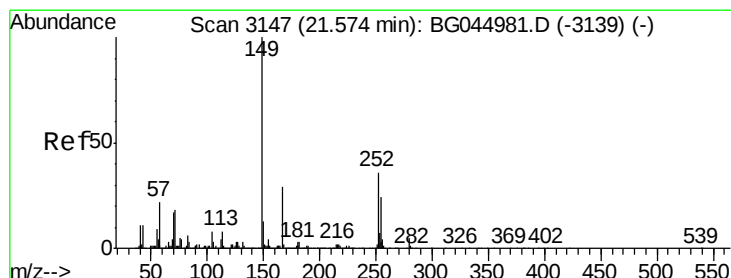
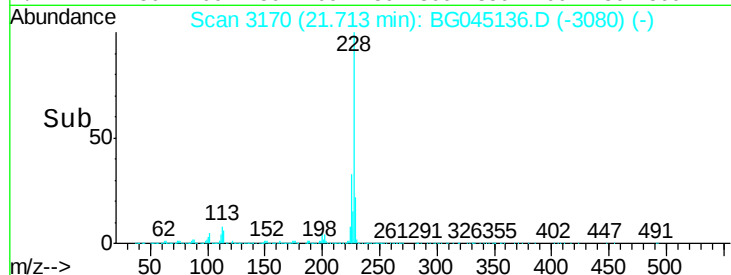
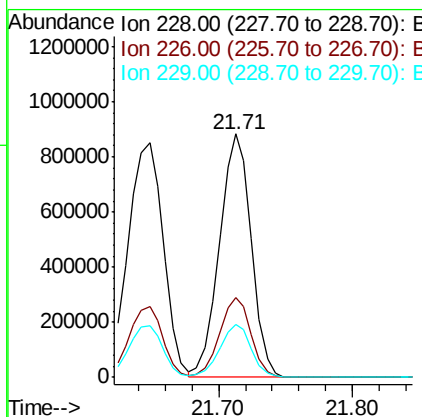
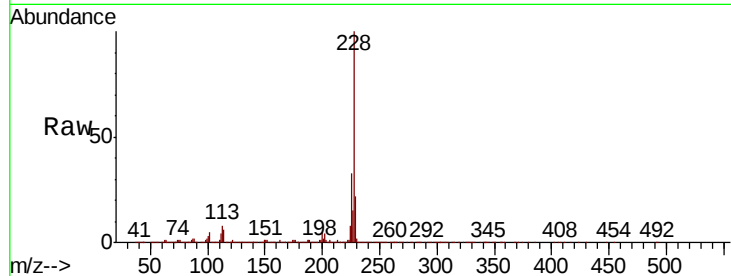


#83
 Chrysene
 Concen: 52.103 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. 0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1469646

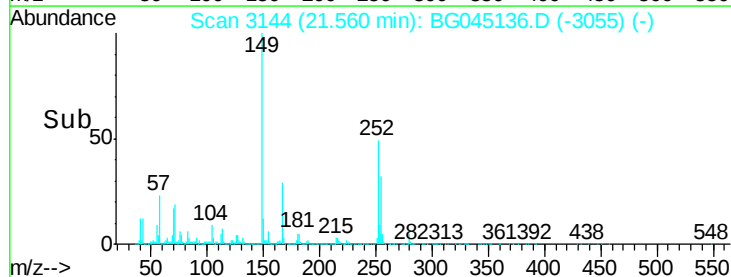
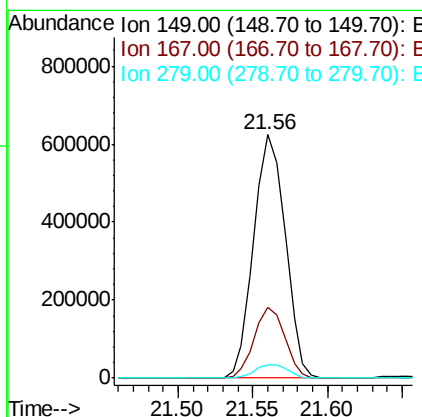
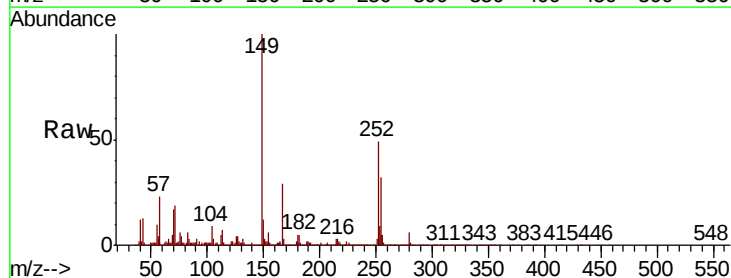
Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.2	39.4
229	21.7	17.0	25.6

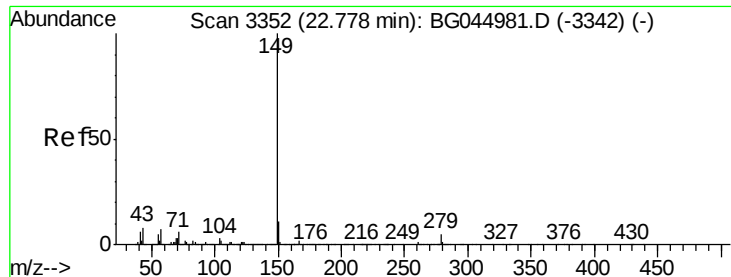


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.488 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG045136.D
 Acq: 22 Apr 2020 21:26

Tgt Ion:149 Resp: 916576

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	5.5	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 49.936 ng

RT: 22.76 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

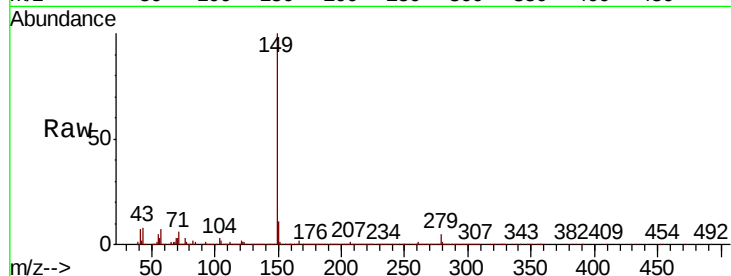
Tot Ion:149 Resp: 1537214

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

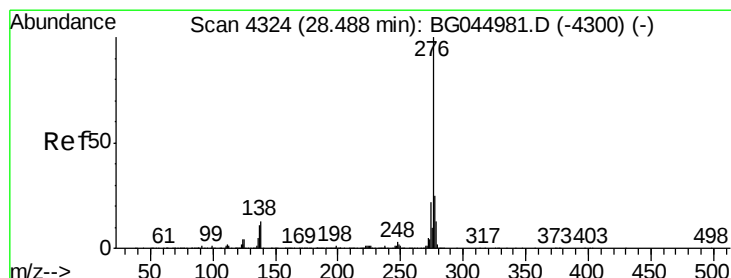
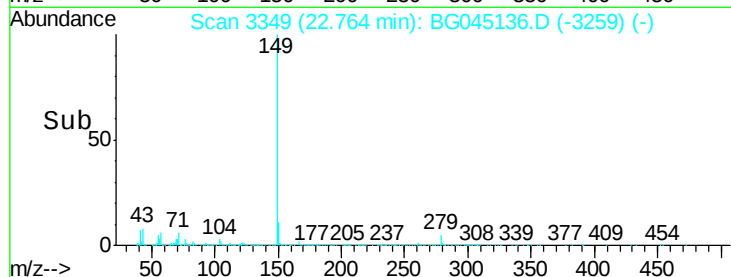
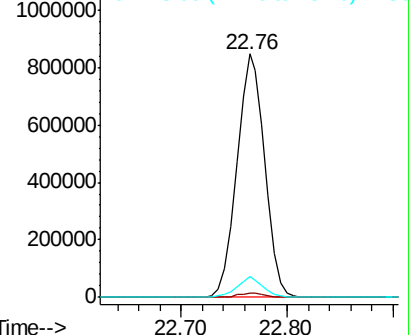
43 7.5 5.7 8.5



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.763 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

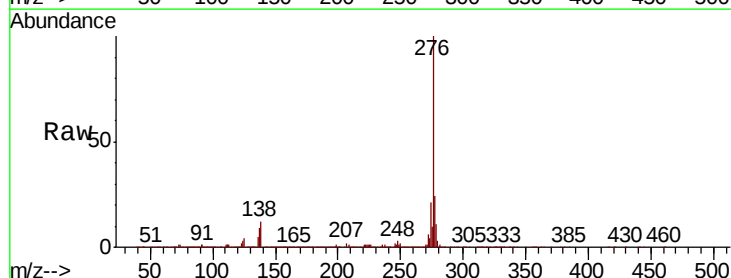
Tgt Ion:276 Resp: 2013391

Ion Ratio Lower Upper

276 100

138 0.0 9.6 14.4#

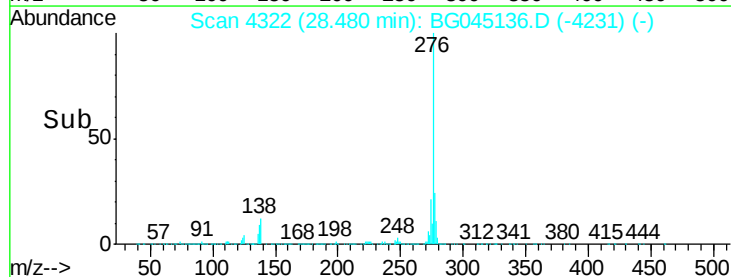
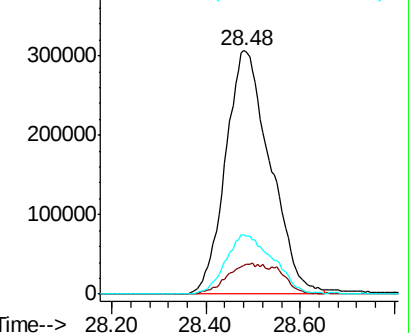
277 26.1 20.6 31.0

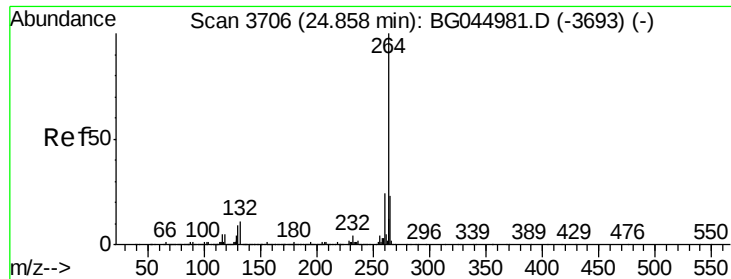


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

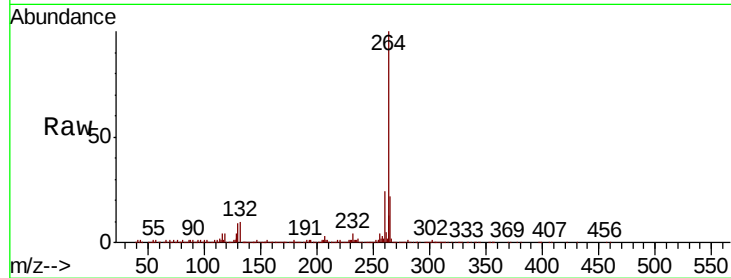
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 508607

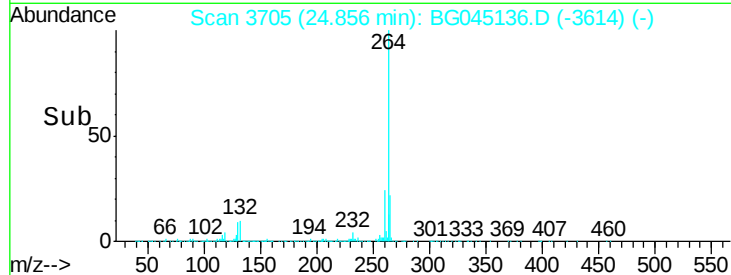
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	19.0	28.4



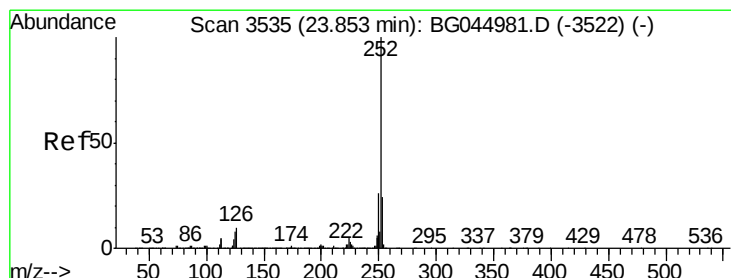
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 52.811 ng

RT: 23.85 min Scan# 3533

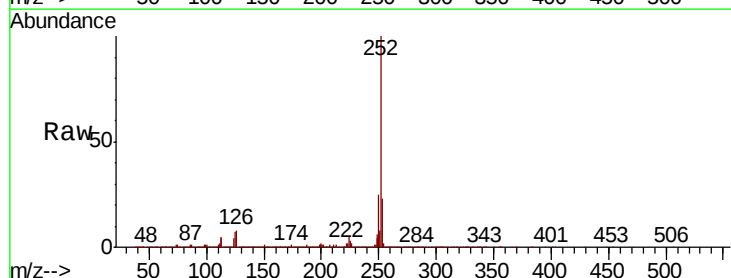
Delta R.T. 0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Tgt Ion:252 Resp: 1682501

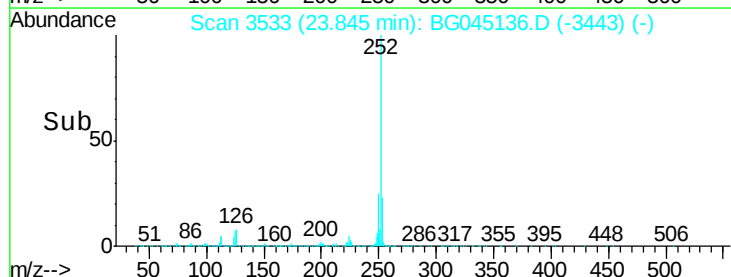
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	7.3	6.2	9.4



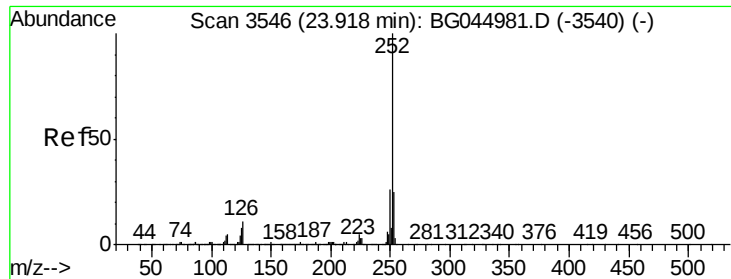
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



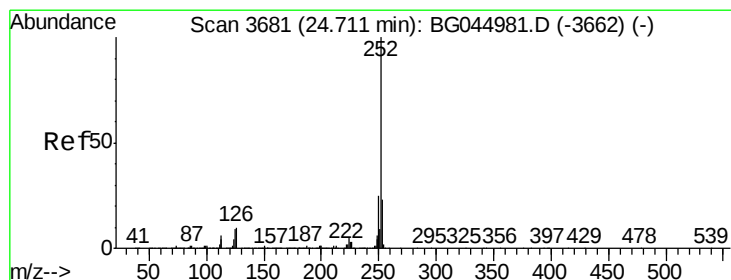
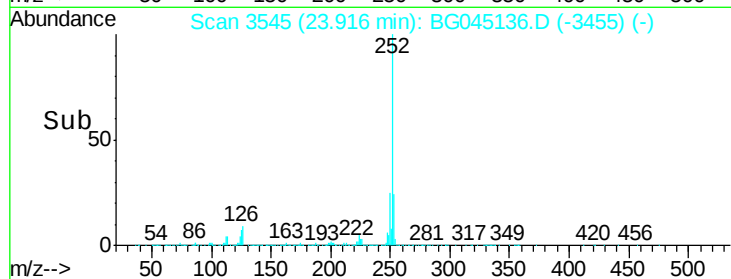
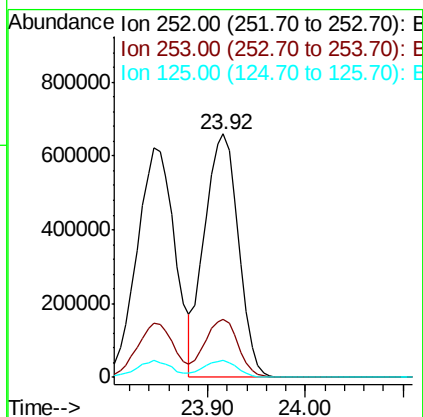
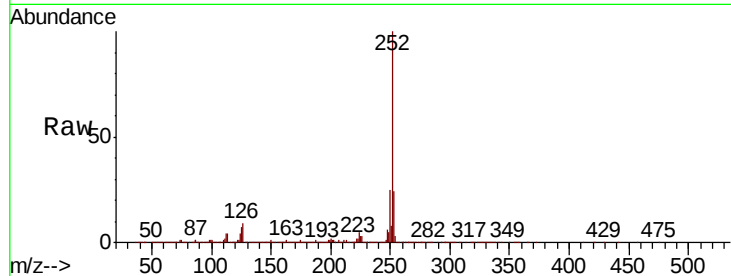
Time-->



#89
Benzo(k)fluoranthene
Concen: 52.272 ng
RT: 23.92 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

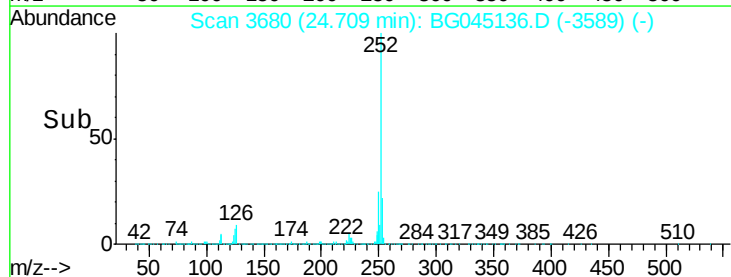
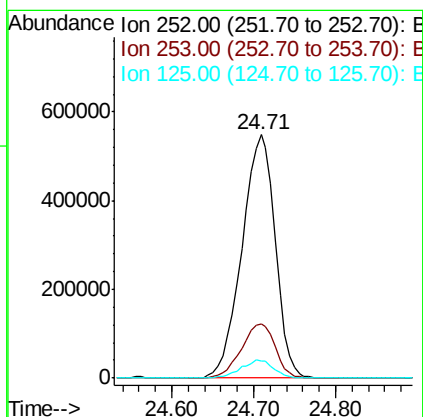
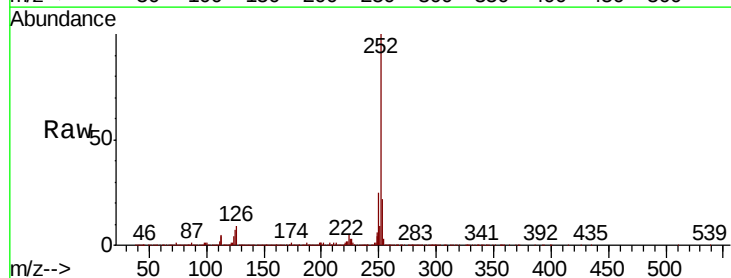
Instrument :
BNA_G
ClientSampled :

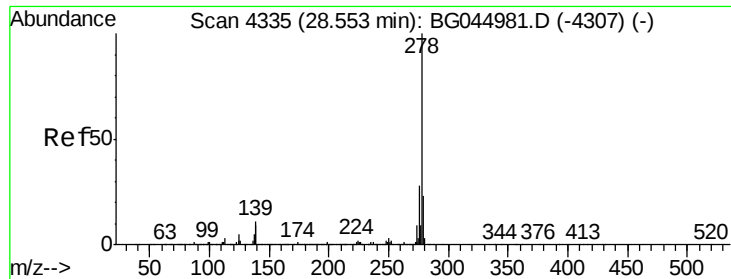
Tot Ion:252 Resp: 1583725
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 7.3 5.9 8.9



#90
Benzo(a)pyrene
Concen: 51.471 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045136.D
Acq: 22 Apr 2020 21:26

Tgt Ion:252 Resp: 1548231
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 6.8 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 53.499 ng

RT: 28.54 min Scan# 4333

Delta R.T. 0.01 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

Instrument :

BNA_G

ClientSampleId :

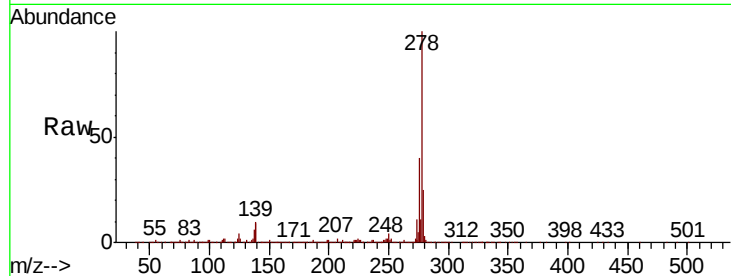
Tot Ion:278 Resp: 1621538

Ion Ratio Lower Upper

278 100

139 9.8 9.0 13.6

279 24.9 18.4 27.6

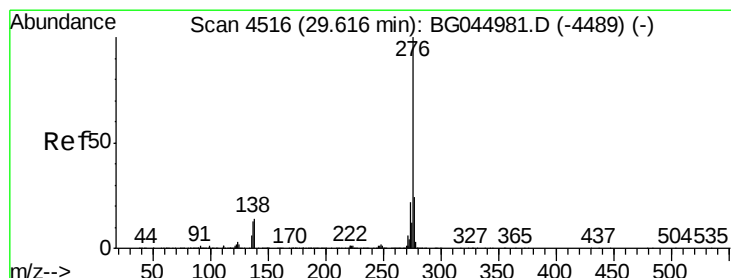
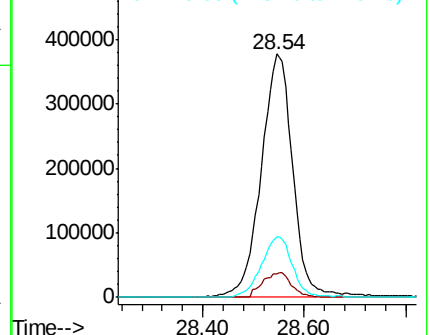
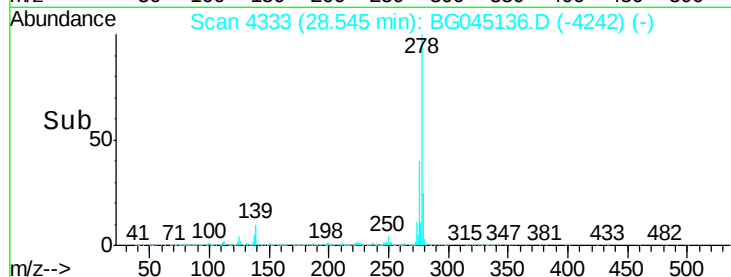


Abundance

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(g,h,i)perylene

Concen: 52.605 ng

RT: 29.60 min Scan# 4513

Delta R.T. -0.00 min

Lab File: BG045136.D

Acq: 22 Apr 2020 21:26

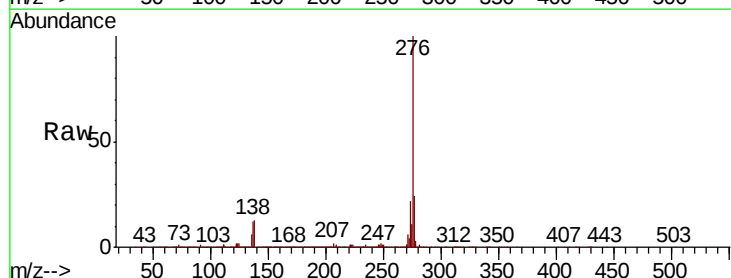
Tgt Ion:276 Resp: 1598525

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 12.7 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

