

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091517\
 Data File : BG028779.D
 Acq On : 15 Sep 2017 22:39
 Operator : SJ/JU
 Sample : IDOC-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 16 04:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30594	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	125301	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	93136	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	246058	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	284663	20.00	ng	-0.05
86) Perylene-d12	25.46	264	288572	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.86	112	199263	107.47	ng	-0.04
7) Phenol-d6	7.45	99	282394	101.16	ng	-0.04
23) Nitrobenzene-d5	9.46	82	175692	67.08	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	171495	111.33	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	478873	68.56	ng	-0.04
78) Terphenyl-d14	20.25	244	863922	64.72	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.79	88	18995	25.298	ng	95
3) Pyridine	4.18	79	34508	16.111	ng	95
4) n-Nitrosodimethylamine	4.09	42	29877	30.665	ng	# 73
6) Aniline	7.61	93	40501	12.466	ng	95
8) 2-Chlorophenol	7.86	128	69707	33.725	ng	87
9) Benzaldehyde	7.44	77	18038	10.415	ng	94
10) Phenol	7.47	94	109862	37.290	ng	85
11) bis(2-Chloroethyl)ether	7.70	93	61698	29.169	ng	91
12) 1,3-Dichlorobenzene	8.18	146	69435	31.197	ng	# 87
13) 1,4-Dichlorobenzene	8.33	146	72679	31.757	ng	99
14) 1,2-Dichlorobenzene	8.65	146	69703	30.828	ng	98
15) Benzyl Alcohol	8.53	79	73245	33.610	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.81	45	112538	29.274	ng	96
17) 2-Methylphenol	8.73	107	63365	32.914	ng	92
18) Hexachloroethane	9.38	117	25700	30.639	ng	# 84
19) n-Nitroso-di-n-propylamine	9.09	70	59531	30.082	ng	# 84
20) 3+4-Methylphenols	9.05	107	87480	32.487	ng	91
22) Acetophenone	9.12	105	111008	30.299	ng	# 85
24) Nitrobenzene	9.50	77	92251	31.806	ng	# 89
25) Isophorone	10.02	82	164743	31.084	ng	98
26) 2-Nitrophenol	10.22	139	39311	31.846	ng	92
27) 2,4-Dimethylphenol	10.27	122	61538	27.272	ng	95
28) bis(2-Chloroethoxy)methane	10.50	93	94009	32.663	ng	95
29) 2,4-Dichlorophenol	10.76	162	79923	35.600	ng	92
30) 1,2,4-Trichlorobenzene	10.97	180	84385	32.948	ng	96
31) Naphthalene	11.16	128	218596	33.403	ng	97
32) Benzoic acid	10.39	122	18627	16.236	ng	# 84
33) 4-Chloroaniline	11.28	127	25234	9.204	ng	# 88
34) Hexachlorobutadiene	11.43	225	58557	31.041	ng	99
35) Caprolactam	12.04	113	19343	24.026	ng	# 83
36) 4-Chloro-3-methylphenol	12.38	107	96906	33.167	ng	98
37) 2-Methylnaphthalene	12.75	142	172741	35.354	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	111099	29.012	ng	# 97
40) Hexachlorocyclopentadiene	13.08	237	94191	64.900	ng	94

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	76996	31.679	nq	89
43) 2,4,5-Trichlorophenol	13.44	196	86119	35.262	nq	# 86
45) 1,1'-Biphenyl	13.74	154	232374	30.134	nq	95
46) 2-Chloronaphthalene	13.79	162	181827	32.328	nq	99
47) 2-Nitroaniline	14.00	65	70419	33.688	nq	90
48) Acenaphthylene	14.63	152	299143	33.291	nq	96
49) Dimethylphthalate	14.35	163	285603	36.569	nq	96
50) 2,6-Dinitrotoluene	14.48	165	60525	34.828	nq	# 80
51) Acenaphthene	14.97	154	179902	32.958	nq	97
52) 3-Nitroaniline	14.82	138	26974	17.552	nq	85
53) 2,4-Dinitrophenol	15.03	184	51717	58.831	nq	97
54) Dibenzofuran	15.30	168	308557	35.446	nq	95
55) 4-Nitrophenol	15.13	139	74148	65.855	nq	# 79
56) 2,4-Dinitrotoluene	15.27	165	87407	35.771	nq	# 82
57) Fluorene	15.96	166	263377	33.890	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.53	232	82512	38.334	nq	93
59) Diethylphthalate	15.70	149	274010	34.141	nq	98
60) 4-Chlorophenyl-phenylether	15.94	204	151969	34.342	nq	88
61) 4-Nitroaniline	15.98	138	53490	32.855	nq	# 79
62) Azobenzene	16.23	77	265183	39.286	nq	93
64) 4,6-Dinitro-2-methylphenol	16.04	198	51769	32.606	nq	99
65) n-Nitrosodiphenylamine	16.16	169	234034	33.179	nq	96
66) 4-Bromophenyl-phenylether	16.84	248	106867	33.754	nq	94
67) Hexachlorobenzene	16.97	284	115018	31.919	nq	# 83
68) Atrazine	17.10	200	101229	33.424	nq	93
69) Pentachlorophenol	17.31	266	107078	65.767	nq	98
70) Phenanthrene	17.71	178	446679	35.499	nq	95
71) Anthracene	17.79	178	437779	34.441	nq	95
72) Carbazole	18.06	167	388234	33.913	nq	# 94
73) Di-n-butylphthalate	18.59	149	473202	33.711	nq	# 93
74) Fluoranthene	19.70	202	555679	36.168	nq	93
76) Benzidine	19.88	184	43860	5.941	nq	# 94
77) Pyrene	20.07	202	571191	34.787	nq	96
79) Butylbenzylphthalate	20.93	149	217994	32.874	nq	91
80) Benzo(a)anthracene	21.97	228	589161	34.384	nq	92
81) 3,3'-Dichlorobenzidine	21.87	252	109141	15.710	nq	# 97
82) Chrysene	22.04	228	557307	34.279	nq	95
83) Bis(2-ethylhexyl)phthalate	21.83	149	314714	33.383	nq	99
84) Di-n-octyl phthalate	23.11	149	527051	31.998	nq	# 87
85) Indeno(1,2,3-cd)pyrene	29.45	276	689296	32.998	nq	99
87) Benzo(b)fluoranthene	24.35	252	603641	34.915	nq	99
88) Benzo(k)fluoranthene	24.35	252	603641	34.954	nq	96
89) Benzo(a)pyrene	25.30	252	577637	35.199	nq	96
90) Dibenzo(a,h)anthracene	29.50	278	582653	34.055	nq	# 98
91) Benzo(g,h,i)perylene	30.69	276	581097	34.809	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 801

Delta R.T. -0.04 min

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Acq: 15 Sep 2017 22:39

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ClientSampleId :

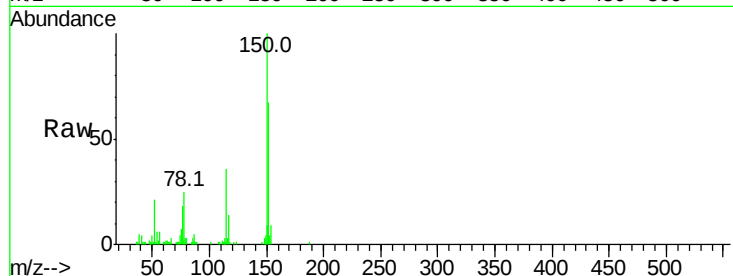
Tot Ion:152 Resp: 30594

Ion Ratio Lower Upper

152 100

150 149.6 114.0 171.0

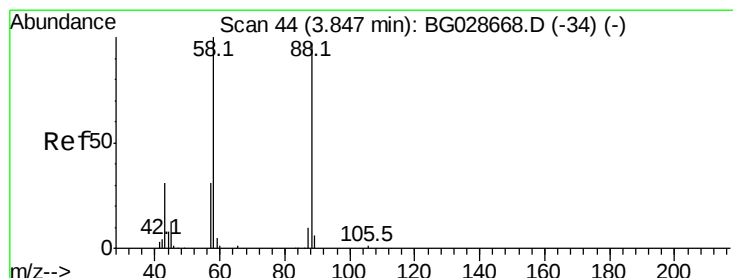
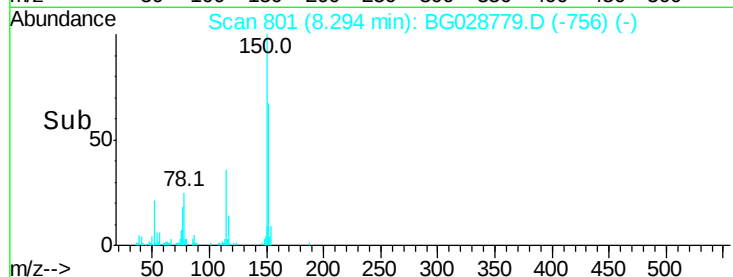
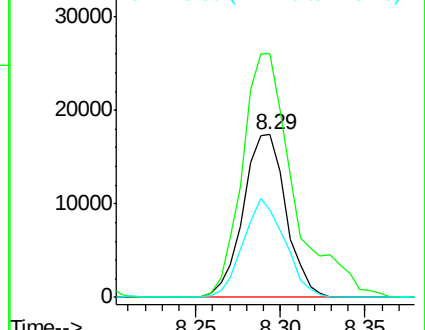
115 53.8 48.1 72.1



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: 25.298 ng

RT: 3.79 min Scan# 34

Delta R.T. -0.06 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

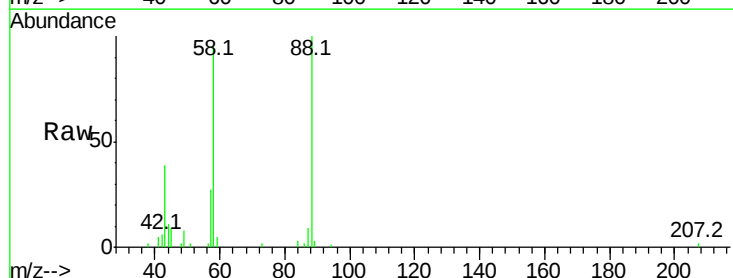
Tgt Ion: 88 Resp: 18995

Ion Ratio Lower Upper

88 100

58 96.3 79.4 119.2

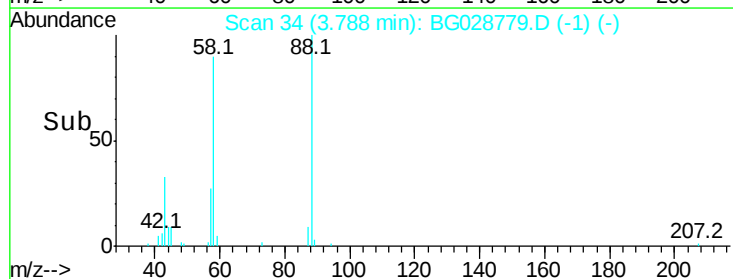
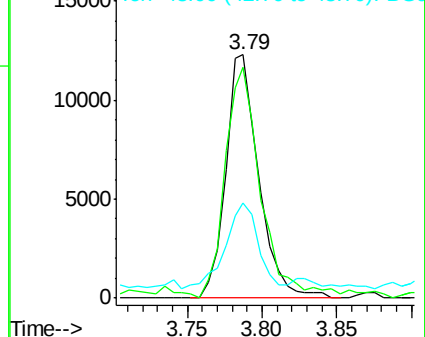
43 35.7 33.8 50.6



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: 16.111 ng

RT: 4.18 min Scan# 101

Delta R.T. -0.06 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

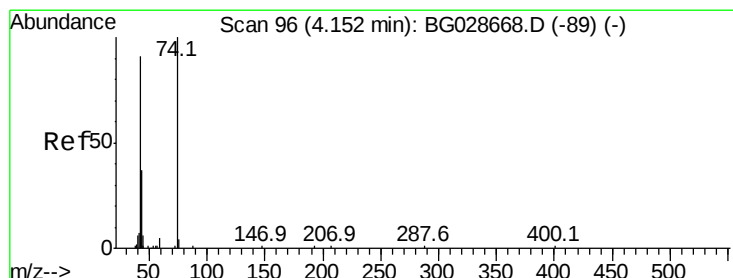
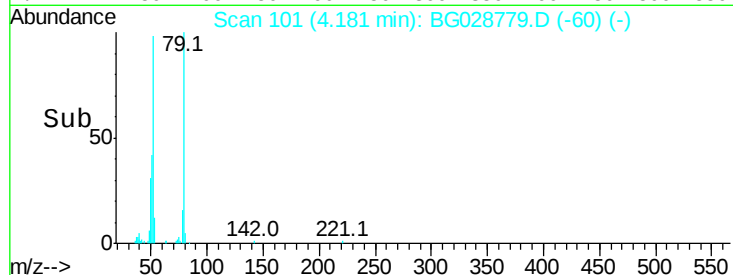
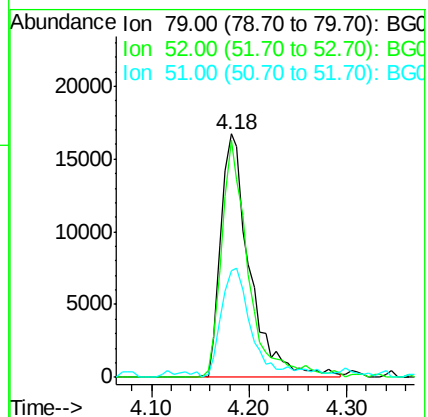
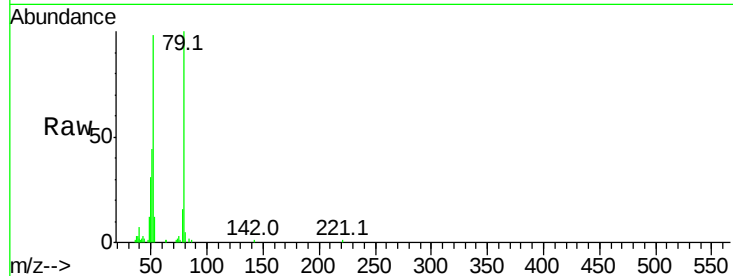
Tot Ion: 79 Resp: 34508

Ion Ratio Lower Upper

79 100

52 97.6 77.8 116.6

51 43.6 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 30.665 ng

RT: 4.09 min Scan# 86

Delta R.T. -0.06 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

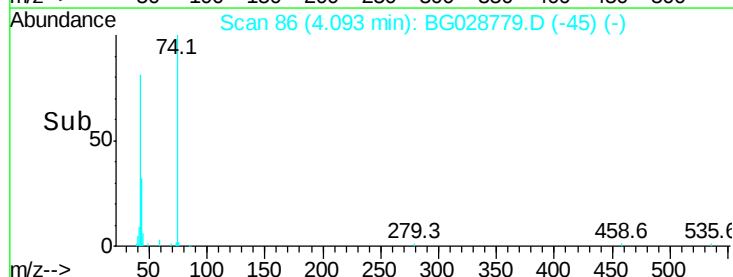
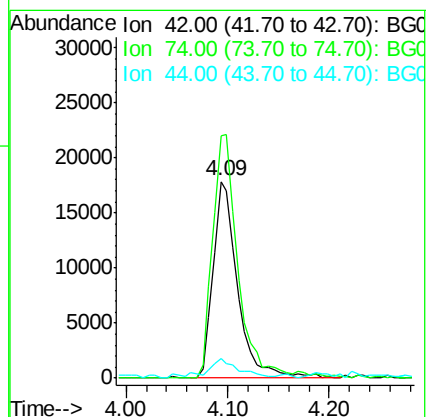
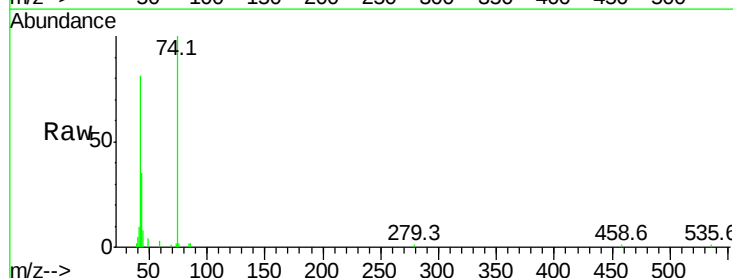
Tgt Ion: 42 Resp: 29877

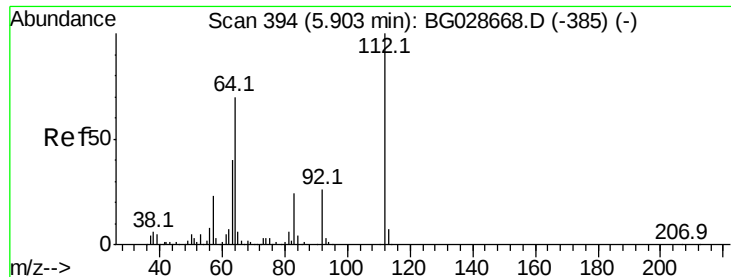
Ion Ratio Lower Upper

42 100

74 123.5 76.7 115.1#

44 9.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 107.470 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

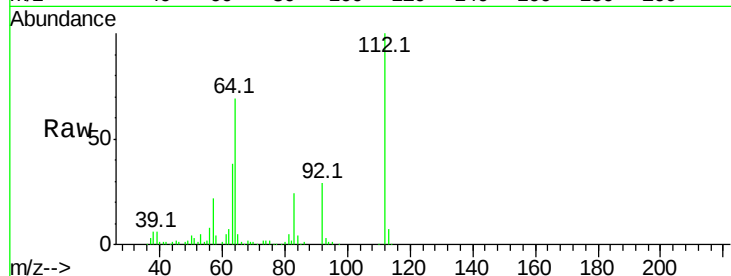
Tot Ion:112 Resp: 199263

Ion Ratio Lower Upper

112 100

64 69.3 61.8 92.6

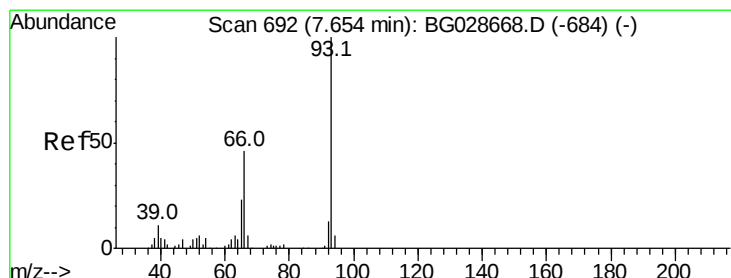
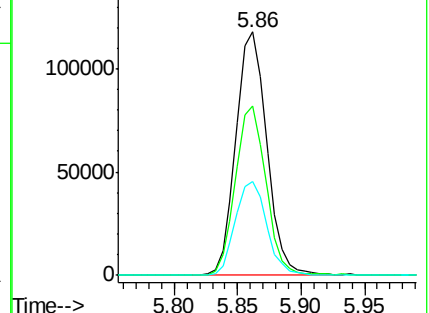
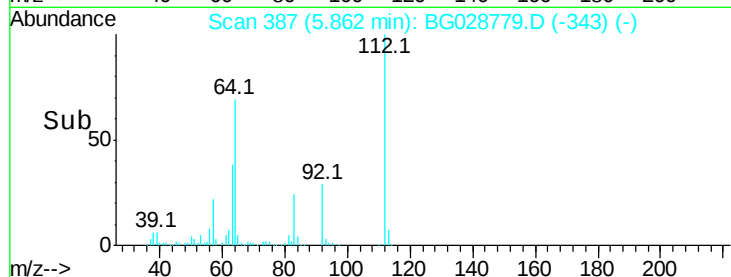
63 38.4 37.2 55.8



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: 12.466 ng

RT: 7.61 min Scan# 685

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

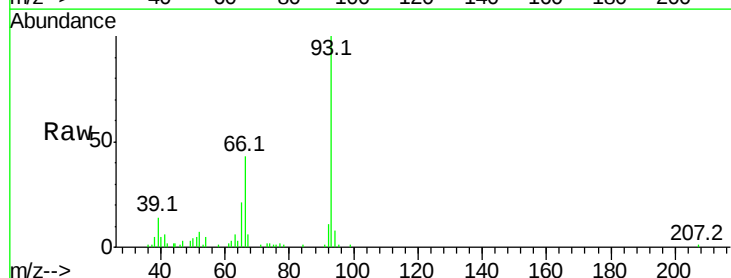
Tgt Ion: 93 Resp: 40501

Ion Ratio Lower Upper

93 100

66 43.3 35.4 53.2

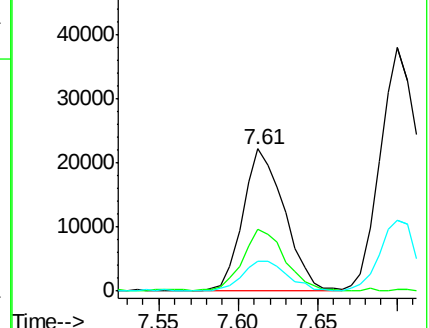
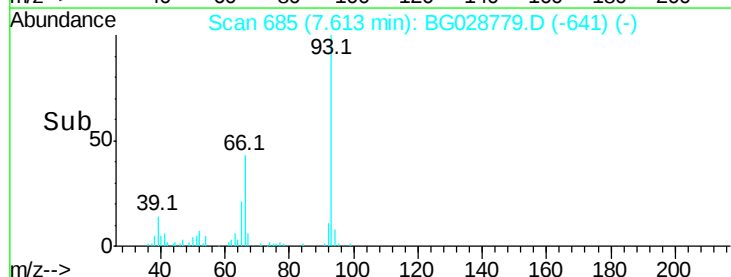
65 21.3 21.2 31.8

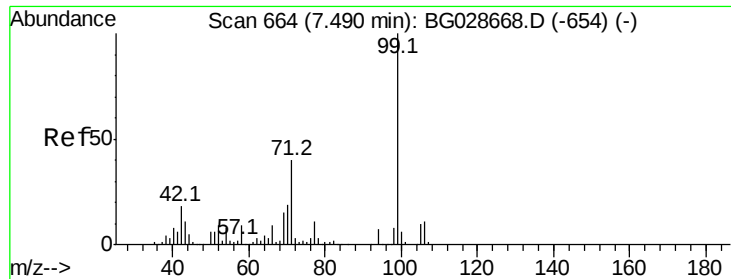


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.158 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

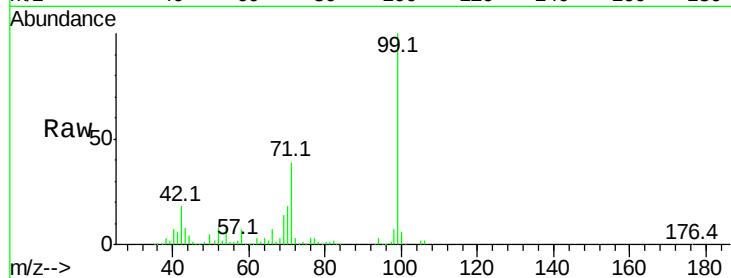
Tot Ion: 99 Resp: 282394

Ion Ratio Lower Upper

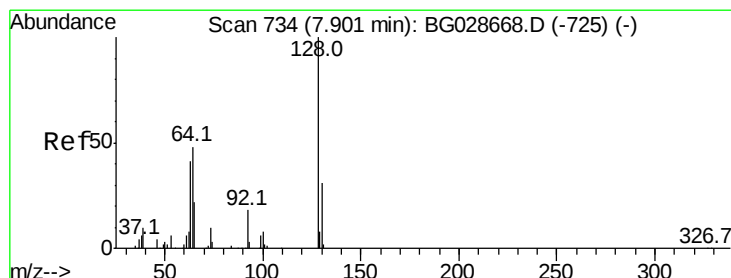
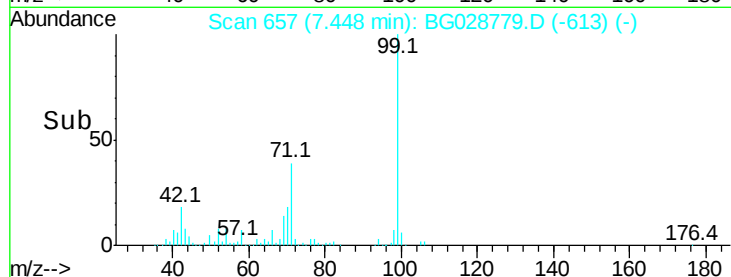
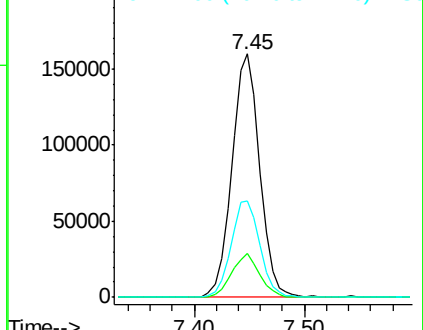
99 100

42 17.8 20.5 30.7#

71 39.4 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 33.725 ng

RT: 7.86 min Scan# 727

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

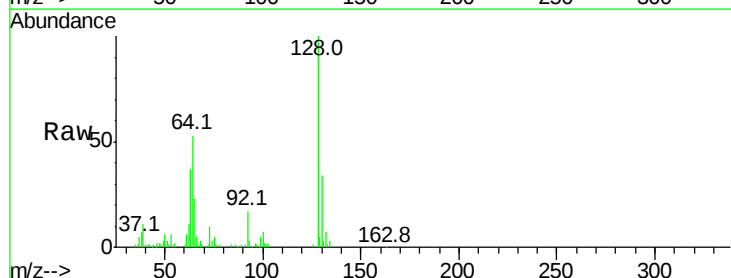
Tgt Ion:128 Resp: 69707

Ion Ratio Lower Upper

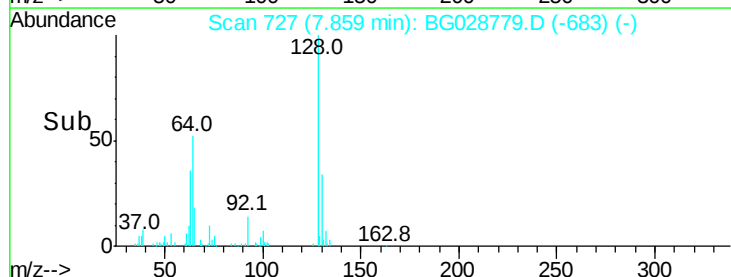
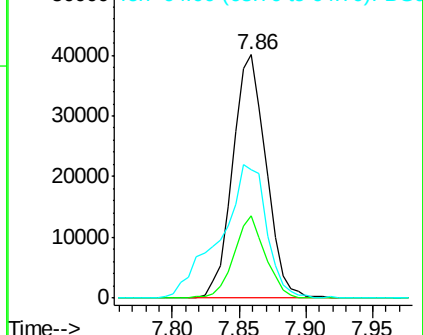
128 100

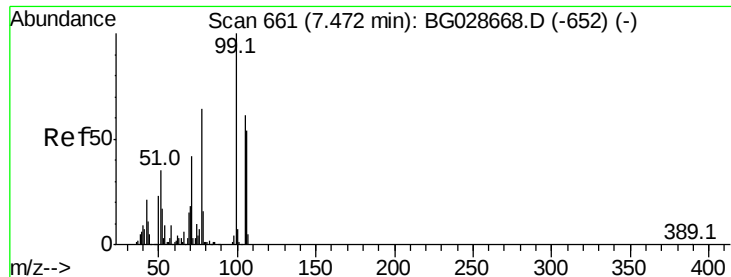
130 33.7 11.4 51.4

64 52.6 46.6 86.6



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





#9

Benzaldehyde

Concen: 10.415 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

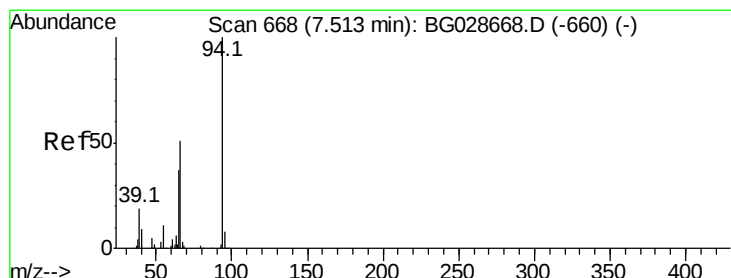
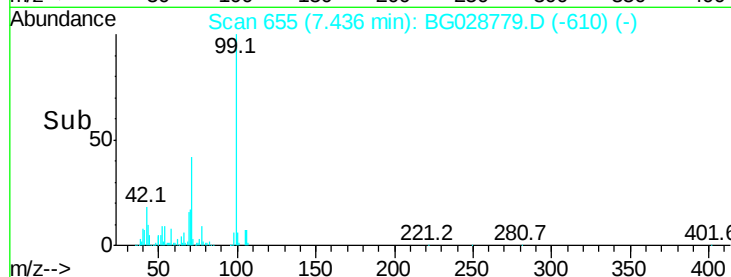
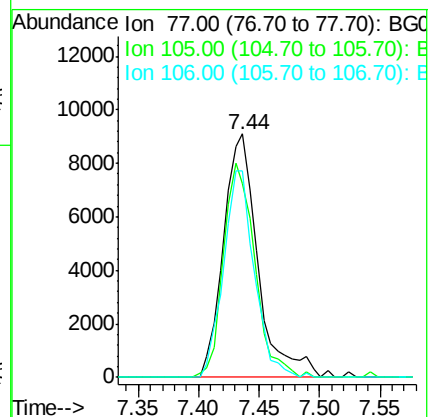
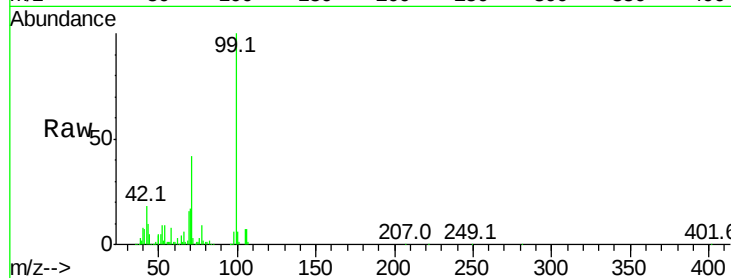
Tot Ion: 77 Resp: 18038

Ion Ratio Lower Upper

77 100

105 79.4 60.9 100.9

106 84.9 55.1 95.1



#10

Phenol

Concen: 37.290 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

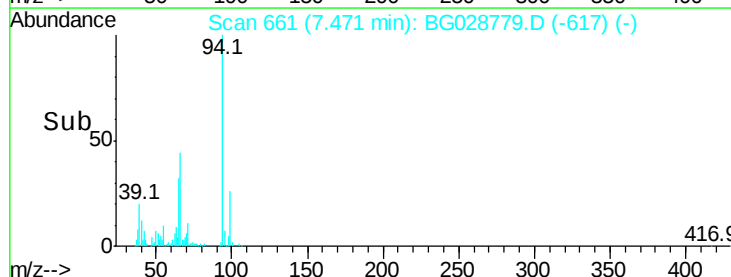
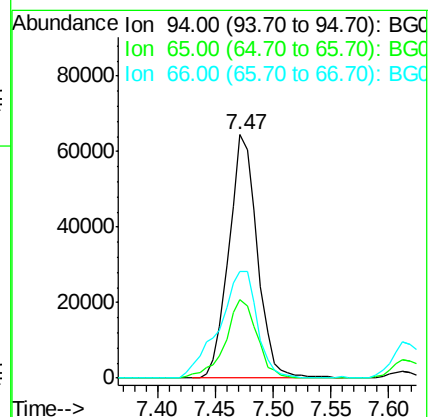
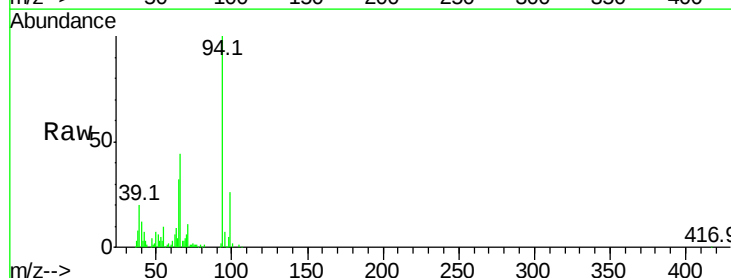
Tgt Ion: 94 Resp: 109862

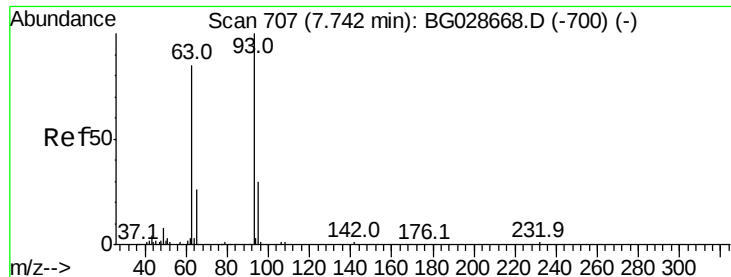
Ion Ratio Lower Upper

94 100

65 32.5 20.6 60.6

66 43.9 35.5 75.5

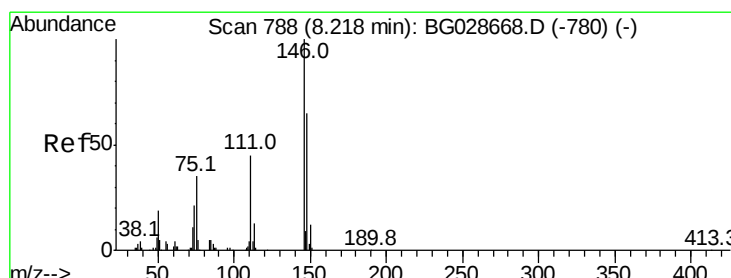
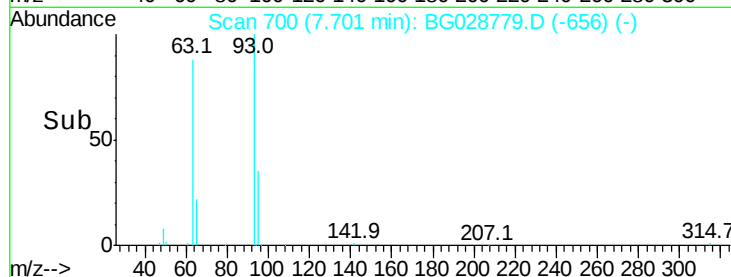
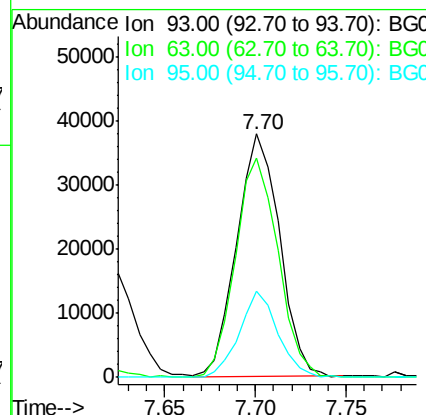
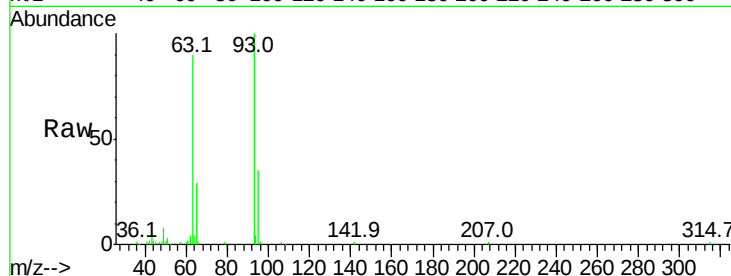




#11
bis(2-Chloroethyl)ether
Concen: 29.169 ng
RT: 7.70 min Scan# 700
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

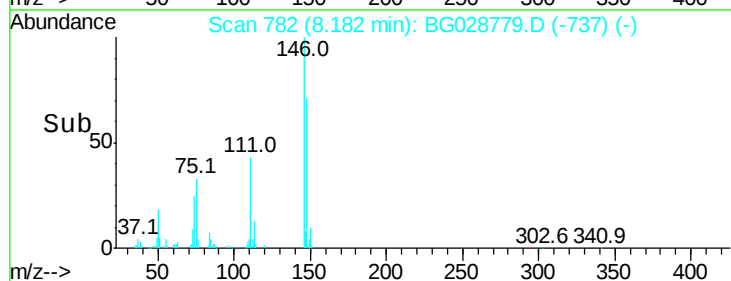
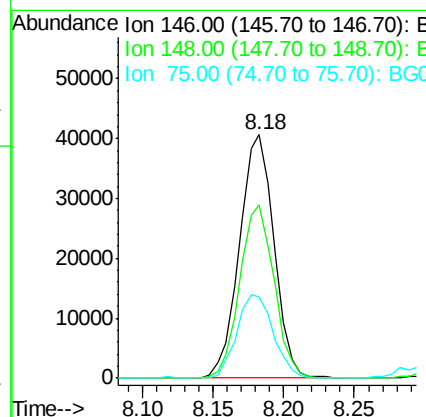
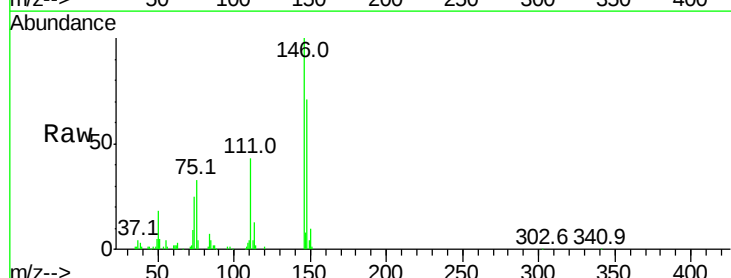
Instrument :
BNA_G
ClientSampleId :

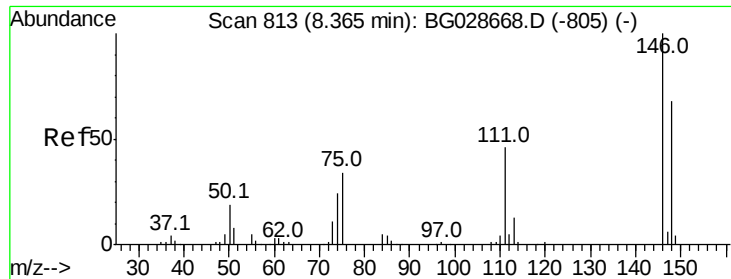
Tot Ion: 93 Resp: 61698
Ion Ratio Lower Upper
93 100
63 90.1 78.5 118.5
95 35.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 31.197 ng
RT: 8.18 min Scan# 782
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion: 146 Resp: 69435
Ion Ratio Lower Upper
146 100
148 71.1 49.2 73.8
75 33.3 33.4 50.2#

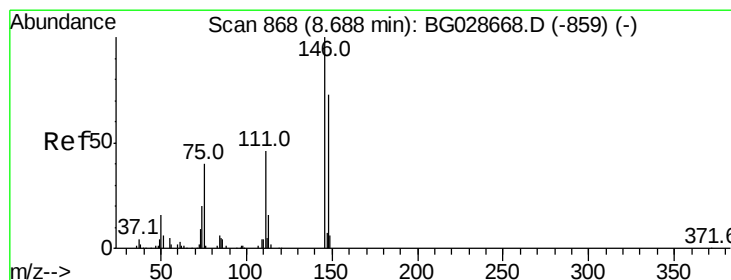
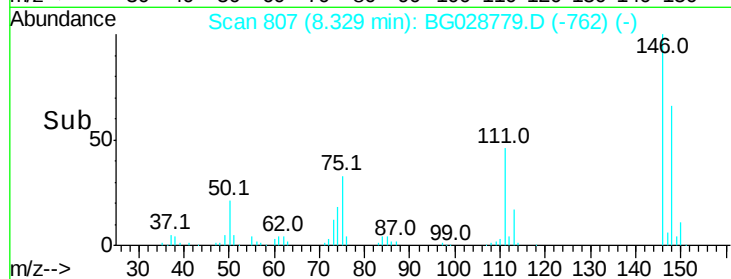
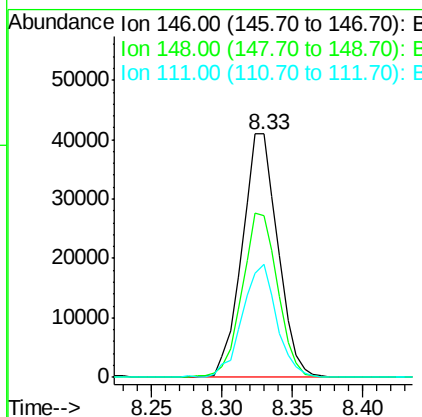
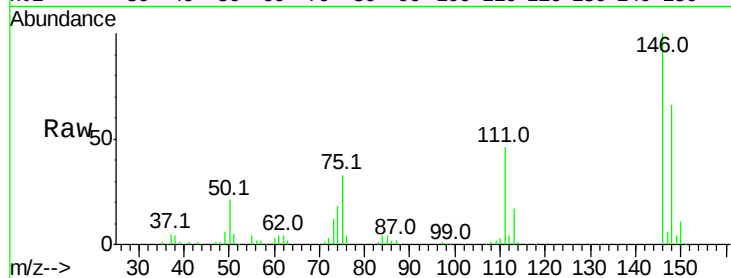




#13
 1,4-Dichlorobenzene
 Concen: 31.757 ng
 RT: 8.33 min Scan# 807
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

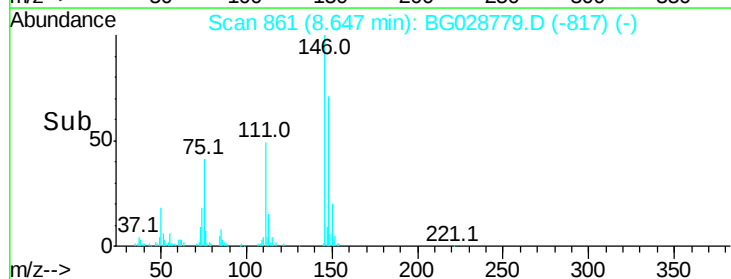
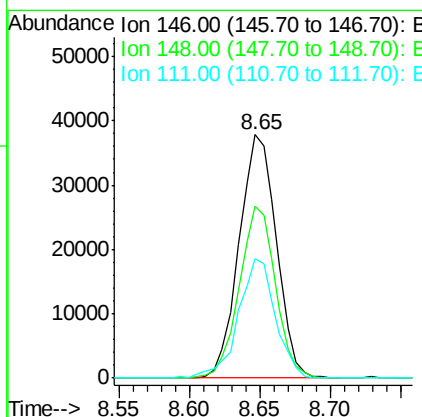
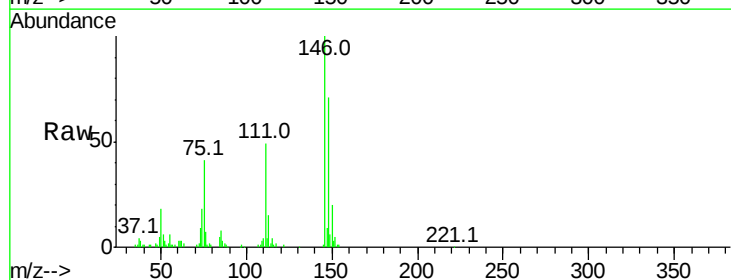
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 72679
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 46.4 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 30.828 ng
 RT: 8.65 min Scan# 861
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion:146 Resp: 69703
 Ion Ratio Lower Upper
 146 100
 148 70.8 54.6 81.8
 111 49.3 39.7 59.5





#15

Benzyl Alcohol

Concen: 33.610 ng

RT: 8.53 min Scan# 841

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampled :

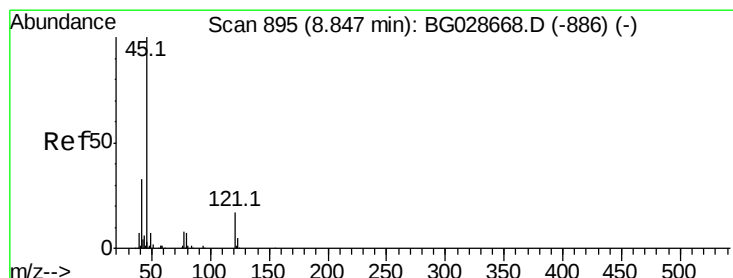
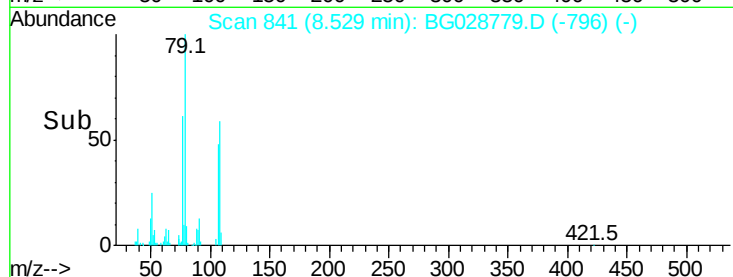
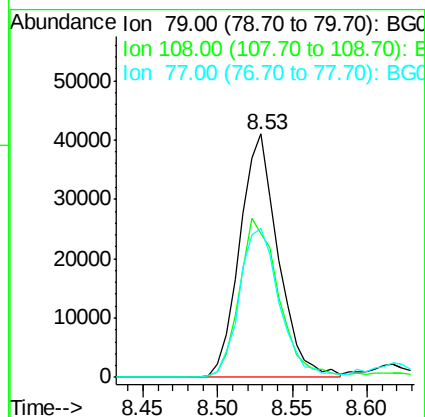
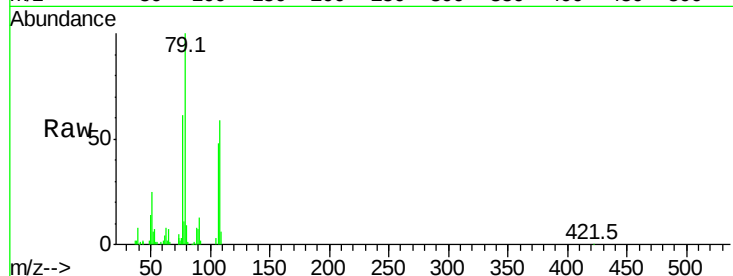
Tot Ion: 79 Resp: 73245

Ion Ratio Lower Upper

79 100

108 59.1 45.5 68.3

77 61.4 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.274 ng

RT: 8.81 min Scan# 888

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

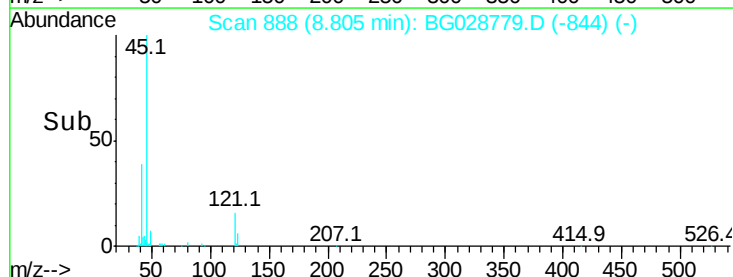
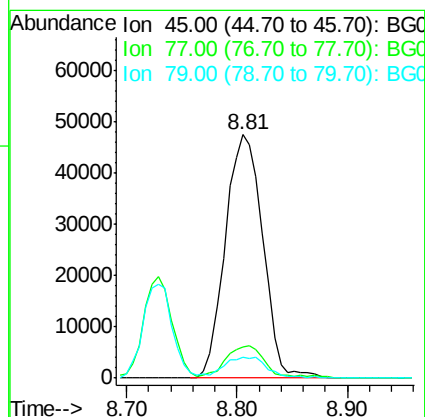
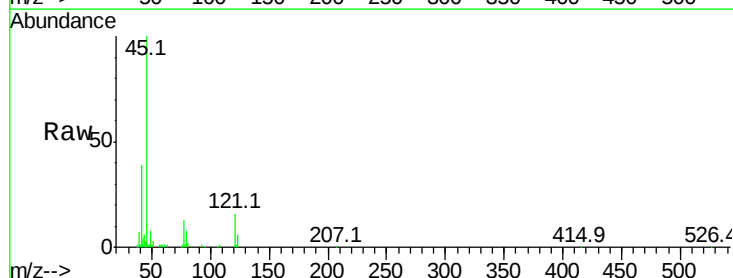
Tgt Ion: 45 Resp: 112538

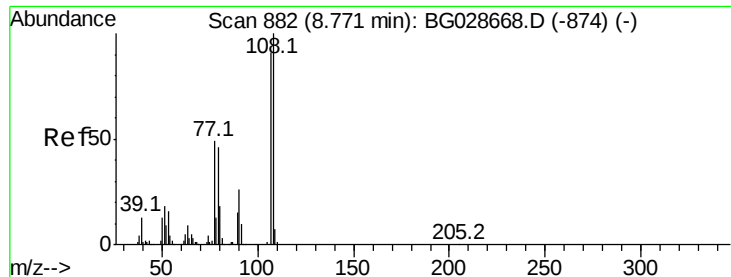
Ion Ratio Lower Upper

45 100

77 13.0 0.0 30.6

79 8.4 0.0 28.5





#17

2-Methylphenol

Concen: 32.914 ng

RT: 8.73 min Scan# 875

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 63365

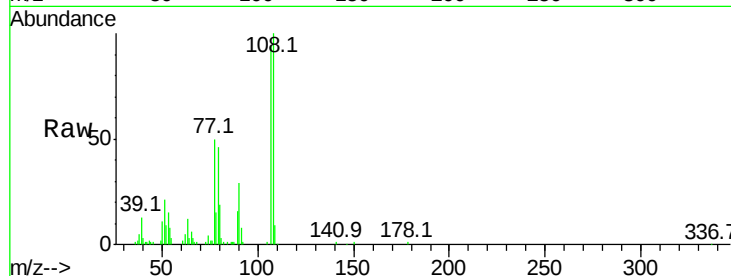
Ion Ratio Lower Upper

107 100

108 106.7 85.6 128.4

77 53.3 51.4 77.2

79 49.2 49.2 73.8

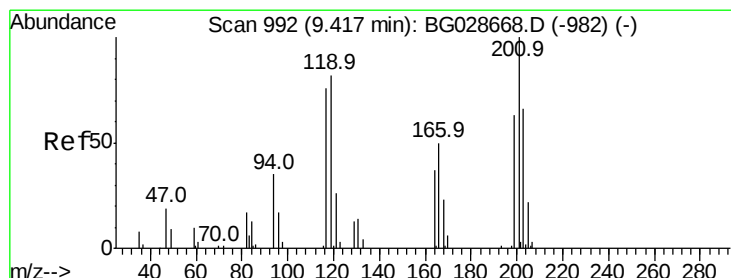
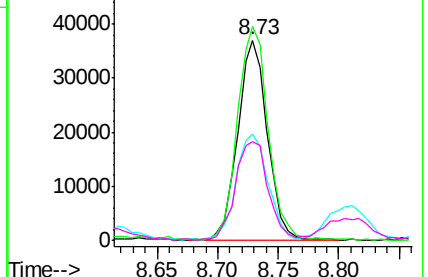
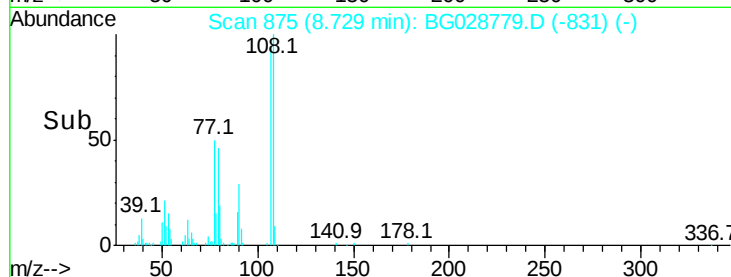


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.639 ng

RT: 9.38 min Scan# 985

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

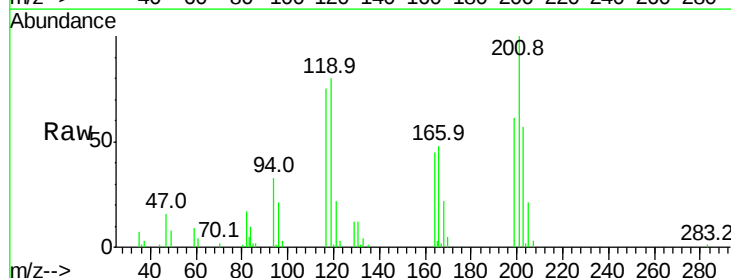
Tgt Ion:117 Resp: 25700

Ion Ratio Lower Upper

117 100

119 106.5 69.8 104.6#

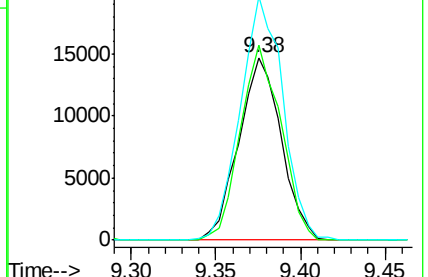
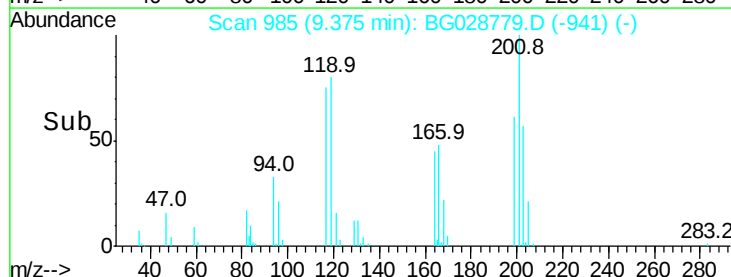
201 133.4 95.4 143.0

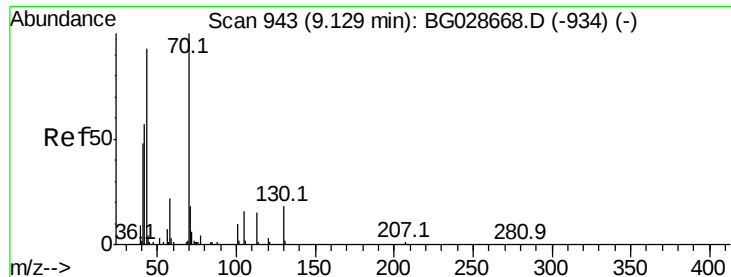


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

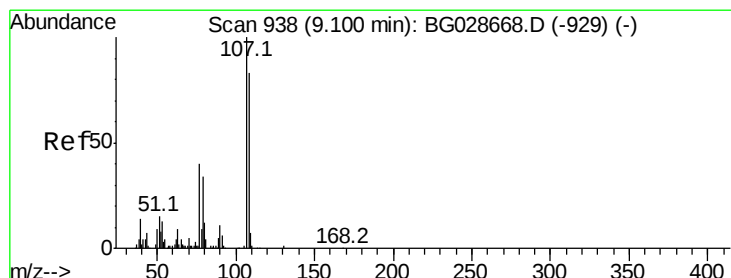
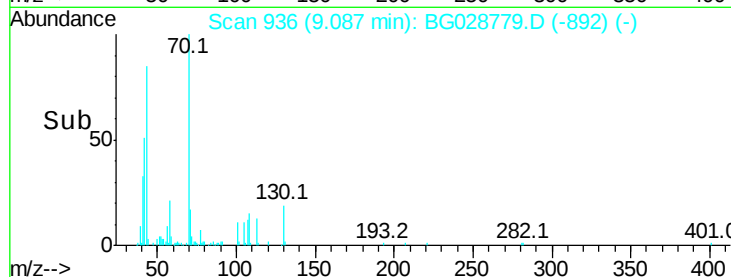
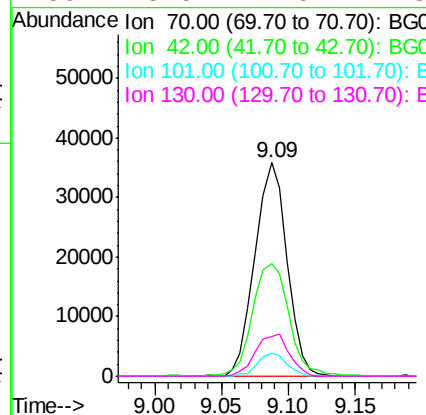
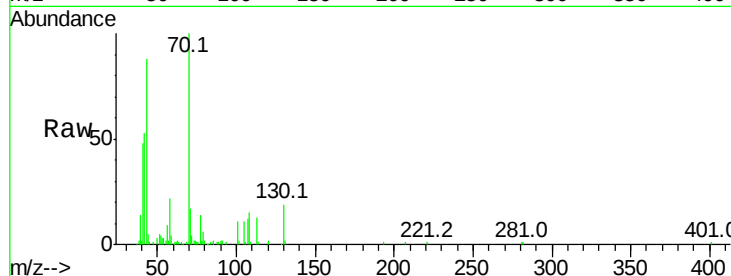




#19
n-Nitroso-di-n-propylamine
Concen: 30.082 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

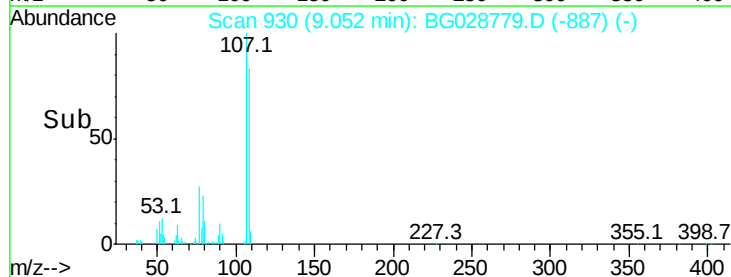
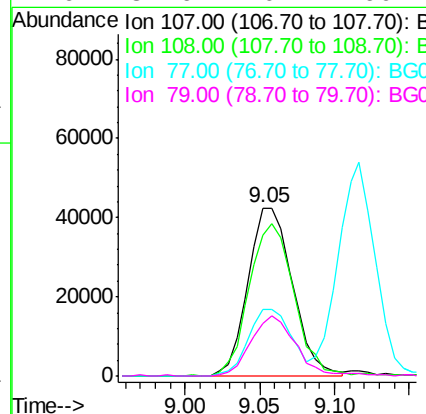
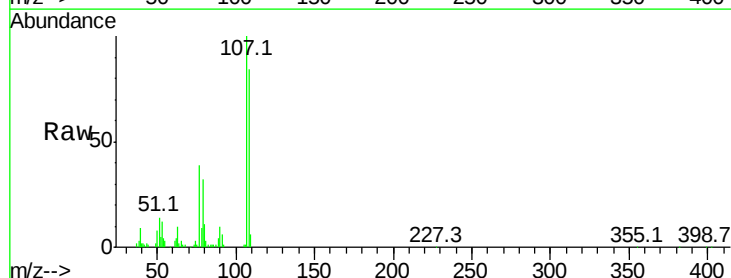
Instrument :
BNA_G
ClientSampleId :

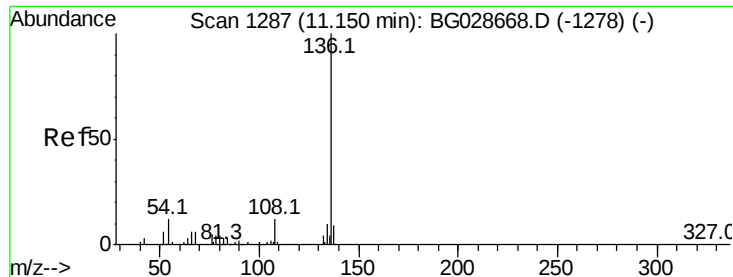
Tot Ion: 70 Resp: 59531
Ion Ratio Lower Upper
70 100
42 52.7 56.1 84.1#
101 10.7 7.5 11.3
130 18.5 14.6 21.8



#20
3+4-Methylphenols
Concen: 32.487 ng
RT: 9.05 min Scan# 930
Delta R.T. -0.05 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion: 107 Resp: 87480
Ion Ratio Lower Upper
107 100
108 83.9 70.8 110.8
77 39.5 25.8 65.8
79 31.6 20.1 60.1

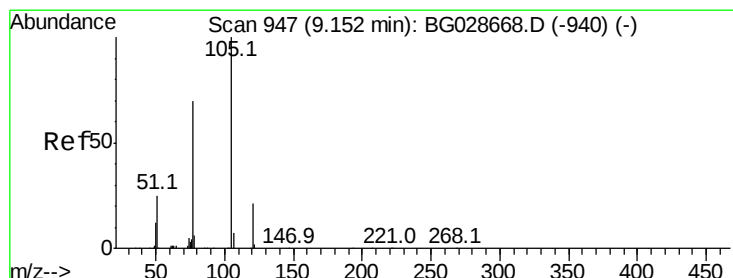
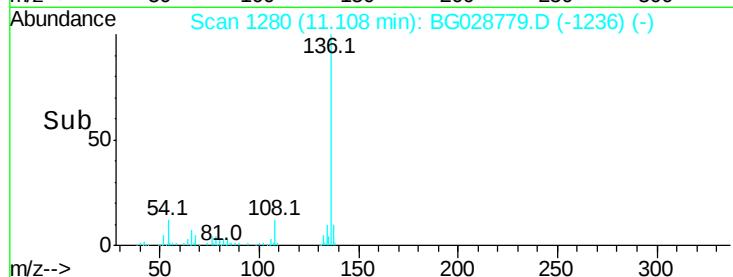
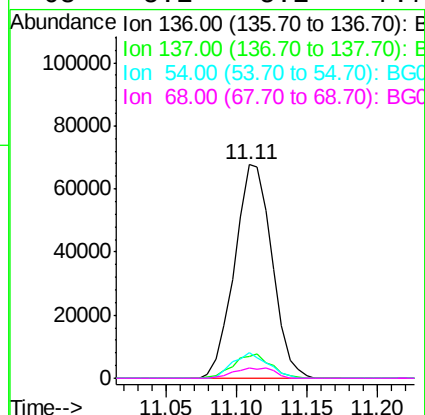
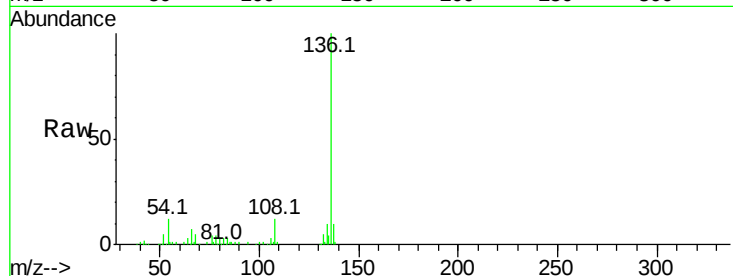




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

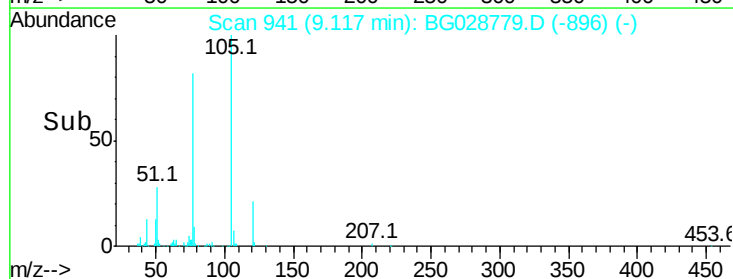
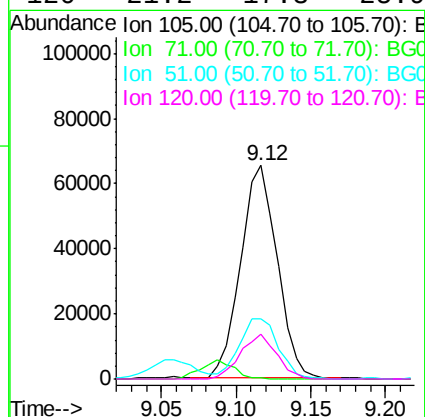
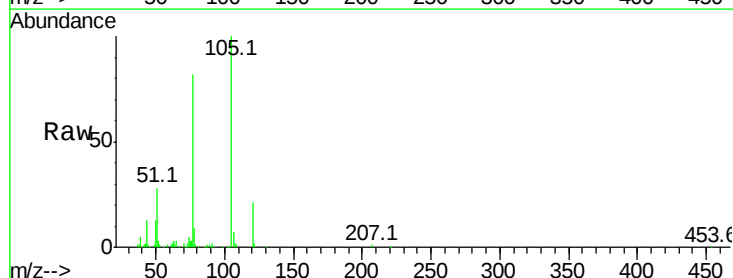
Instrument :
BNA_G
ClientSampleId :

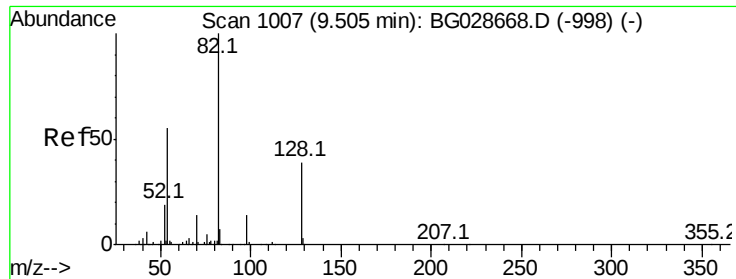
Tot Ion:	136	Resp:	125301
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.7	9.3	13.9
68	5.1	5.1	7.7#



#22
Acetophenone
Concen: 30.299 ng
RT: 9.12 min Scan# 941
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion:	105	Resp:	111008
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	27.9	34.0	51.0#
120	21.2	17.3	25.9

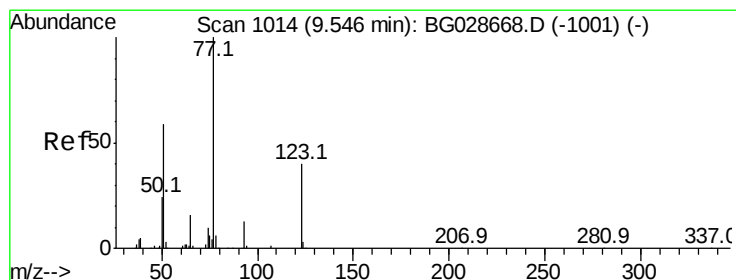
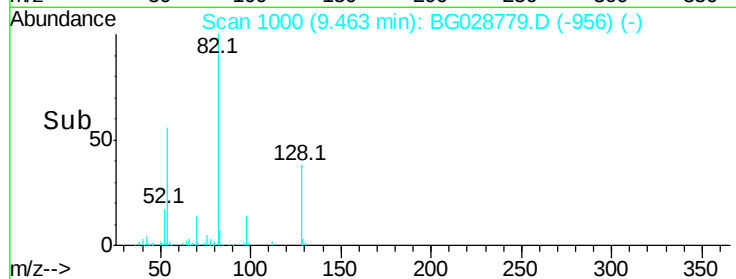
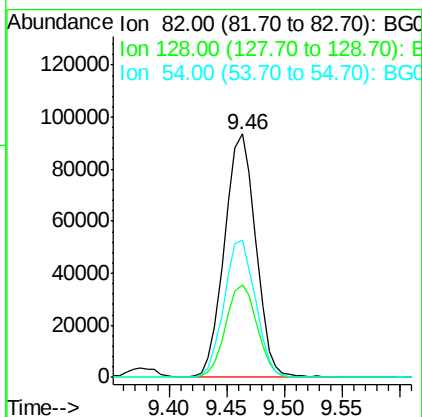
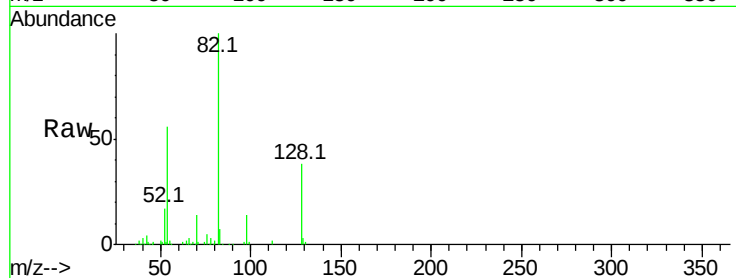




#23
Nitrobenzene-d5
Concen: 67.076 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

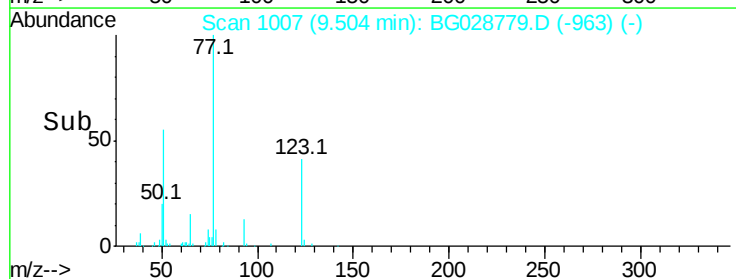
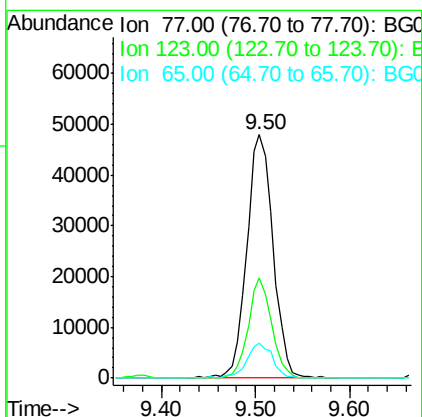
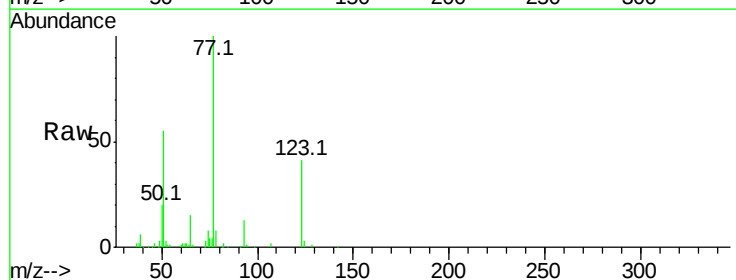
Instrument :
BNA_G
ClientSampleId :

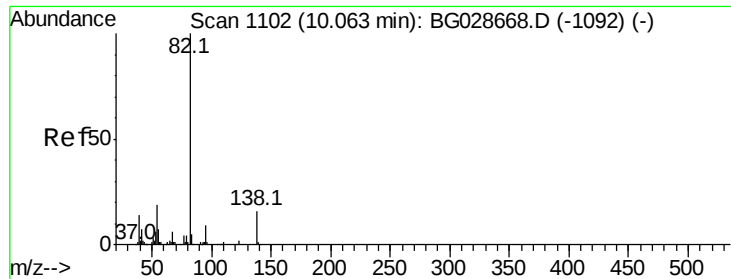
Tot Ion	82	Resp	175692
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	56.5	49.4	74.2



#24
Nitrobenzene
Concen: 31.806 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	77	Resp	92251
Ion	Ratio	Lower	Upper
77	100		
123	41.1	26.1	39.1#
65	14.6	12.4	18.6





#25

Isophorone

Concen: 31.084 ng

RT: 10.02 min Scan# 1095

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

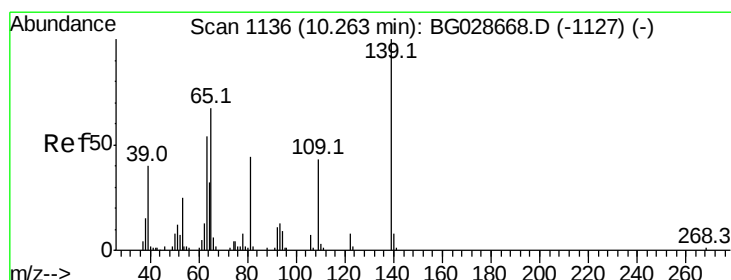
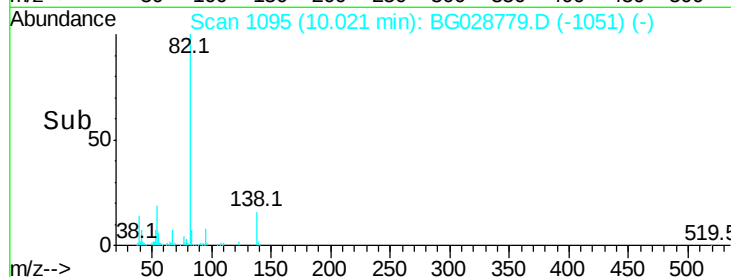
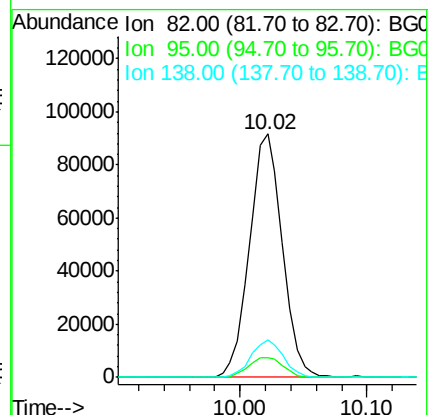
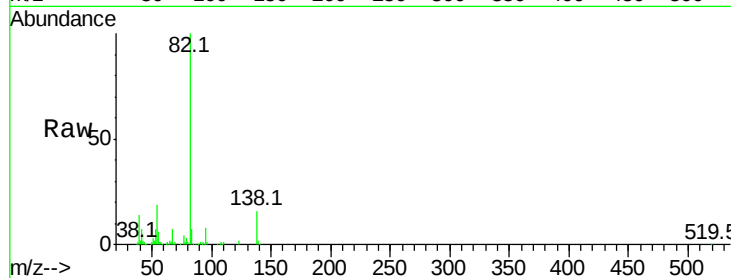
Tot Ion: 82 Resp: 164743

Ion Ratio Lower Upper

82 100

95 8.0 7.5 11.3

138 15.6 12.3 18.5



#26

2-Nitrophenol

Concen: 31.846 ng

RT: 10.22 min Scan# 1129

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

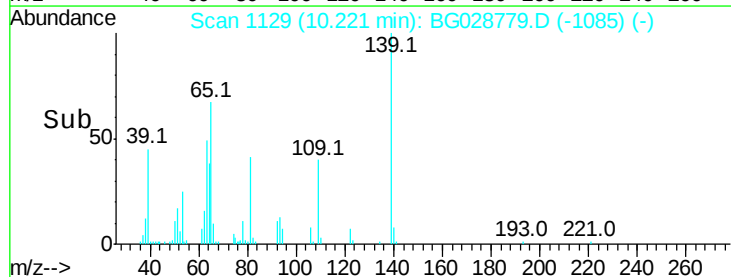
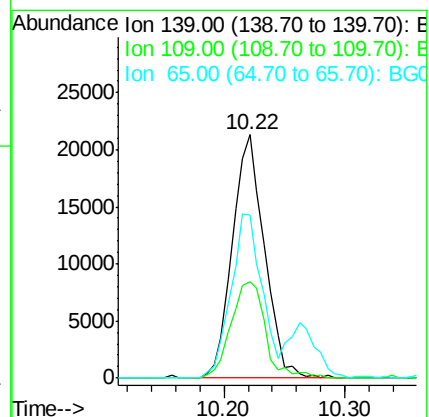
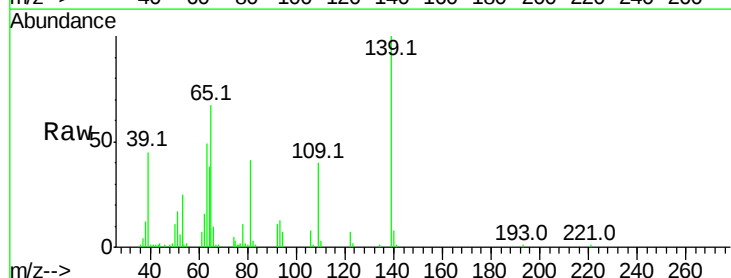
Tgt Ion: 139 Resp: 39311

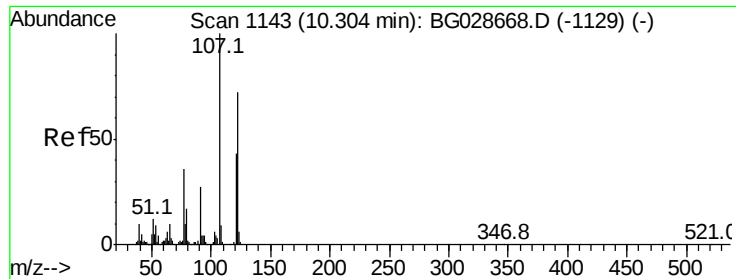
Ion Ratio Lower Upper

139 100

109 39.8 38.6 58.0

65 66.8 57.1 85.7

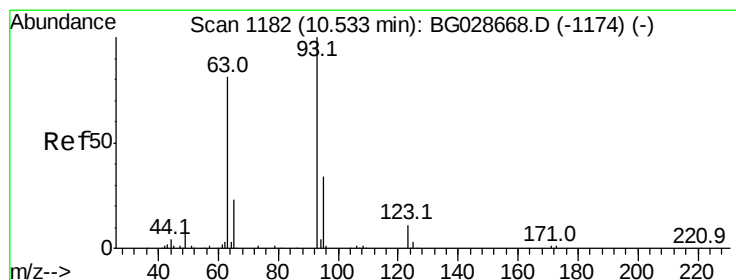
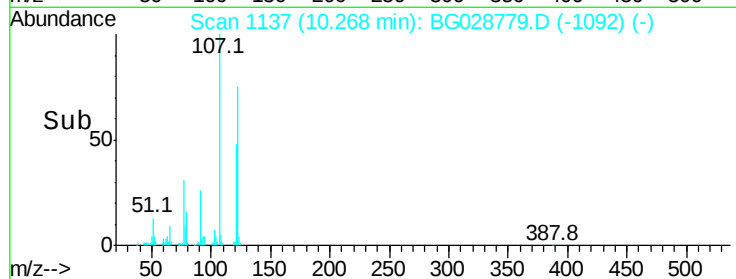
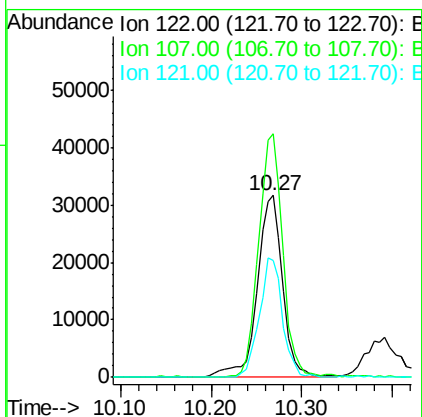
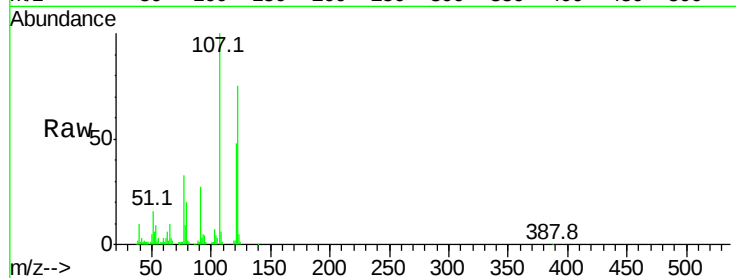




#27
2,4-Dimethylphenol
Concen: 27.272 ng
RT: 10.27 min Scan# 1137
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

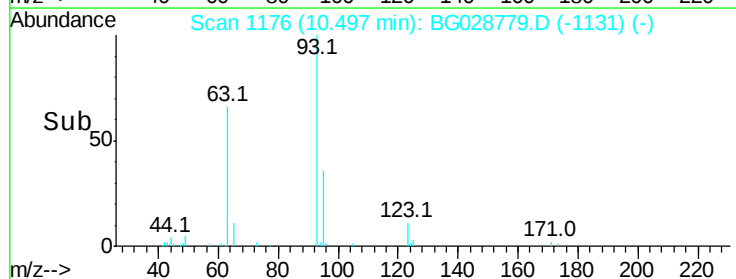
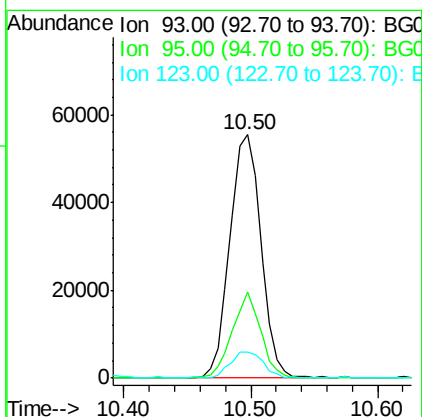
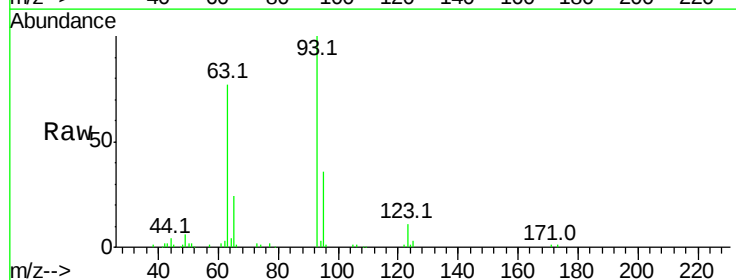
Instrument :
BNA_G
ClientSampleId :

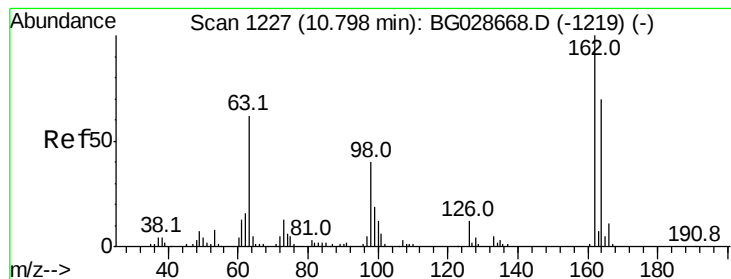
Tot Ion:122 Resp: 61538
Ion Ratio Lower Upper
122 100
107 134.0 104.2 156.4
121 64.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 32.663 ng
RT: 10.50 min Scan# 1176
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion: 93 Resp: 94009
Ion Ratio Lower Upper
93 100
95 35.6 25.7 38.5
123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 35.600 ng

RT: 10.76 min Scan# 1221

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

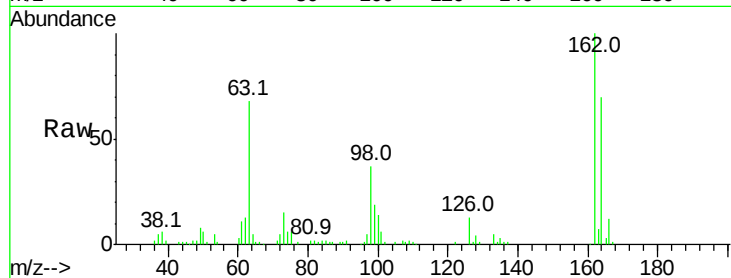
Tot Ion:162 Resp: 79923

Ion Ratio Lower Upper

162 100

164 70.0 42.4 82.4

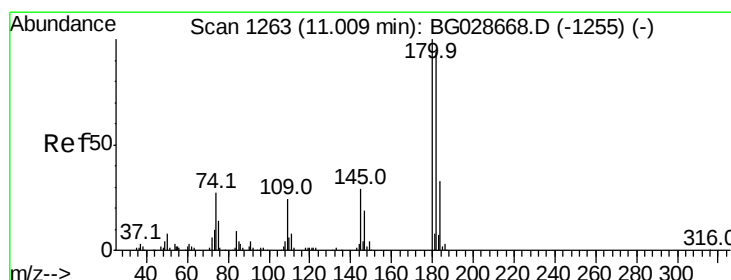
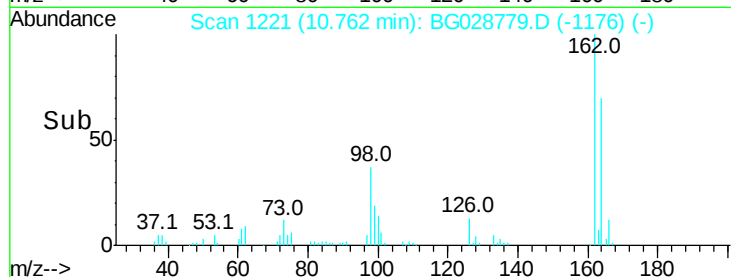
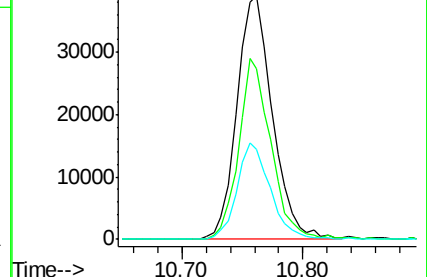
98 37.2 20.3 60.3



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: 32.948 ng

RT: 10.97 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

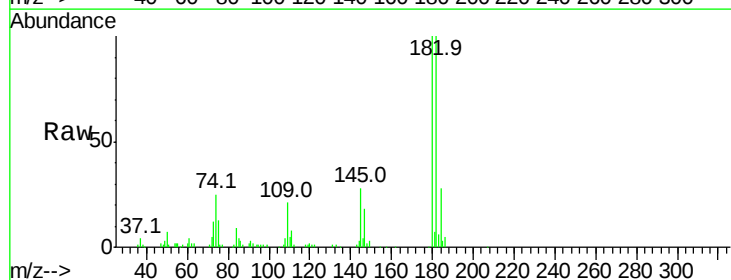
Tgt Ion:180 Resp: 84385

Ion Ratio Lower Upper

180 100

182 100.5 77.0 115.4

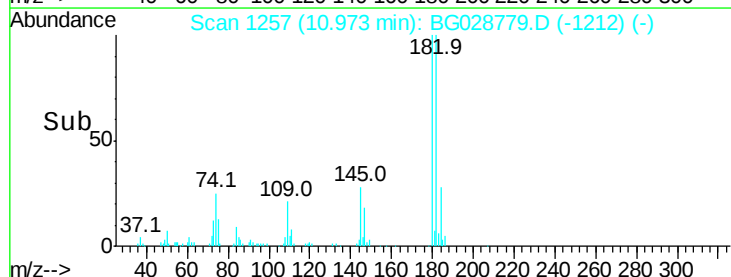
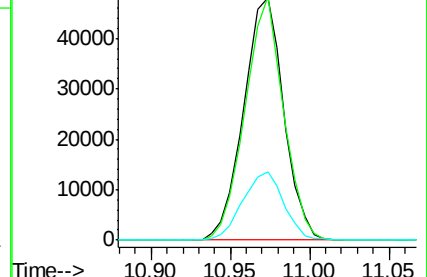
145 28.0 23.4 35.0

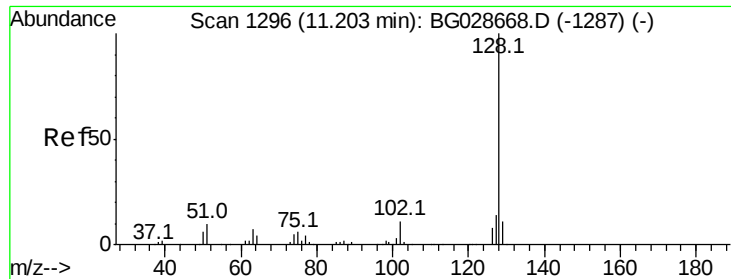


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

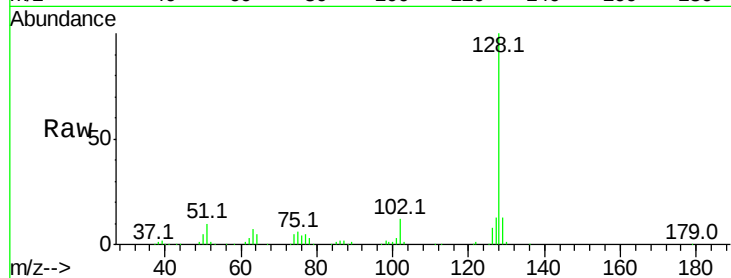




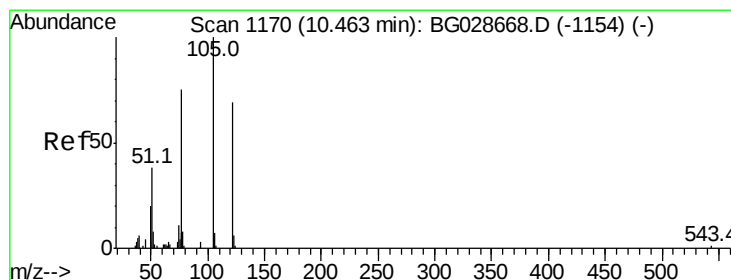
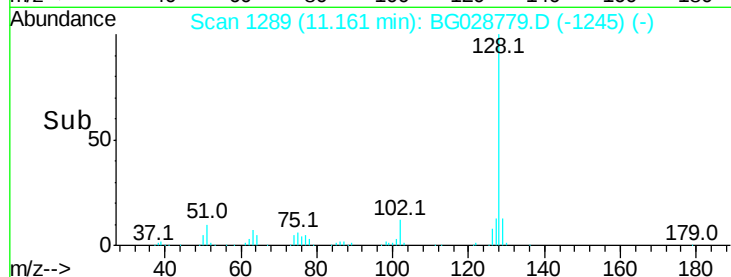
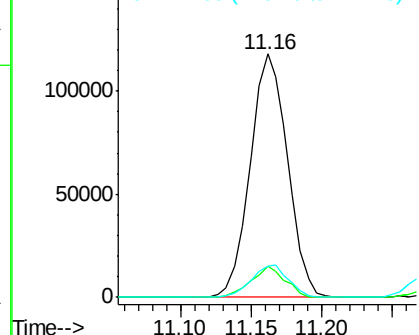
#31
Naphthalene
Concen: 33.403 ng
RT: 11.16 min Scan# 1289
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 218596
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 12.9 11.4 17.0

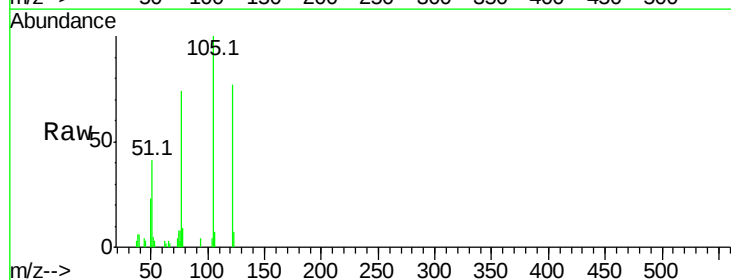


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

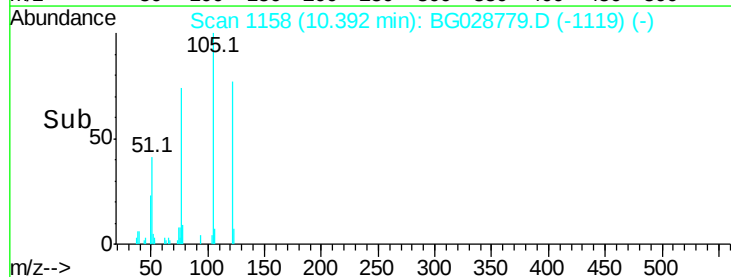
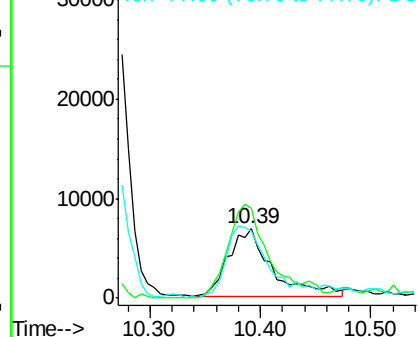


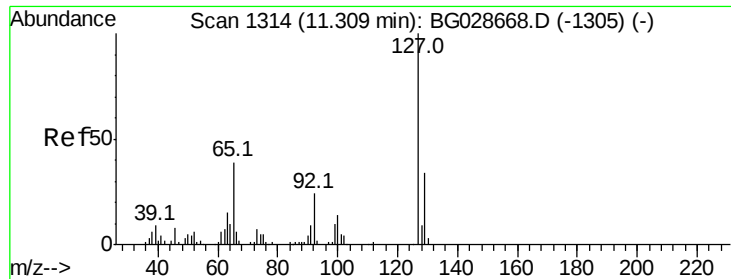
#32
Benzoic acid
Concen: 16.236 ng
RT: 10.39 min Scan# 1158
Delta R.T. -0.07 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion:122 Resp: 18627
Ion Ratio Lower Upper
122 100
105 130.6 120.1 160.1
77 96.9 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

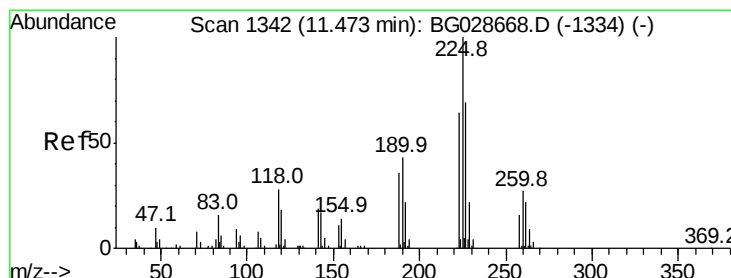
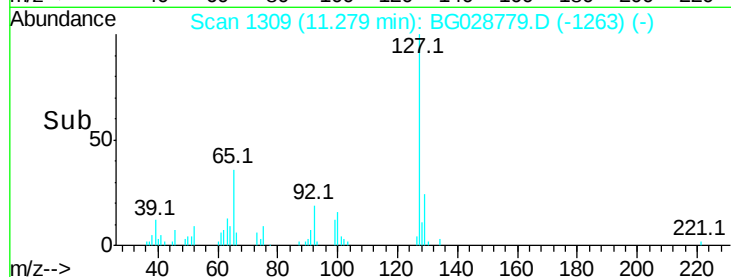
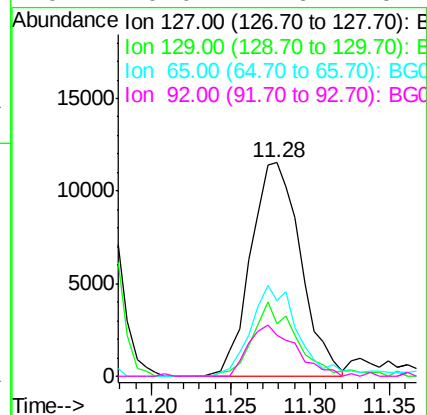
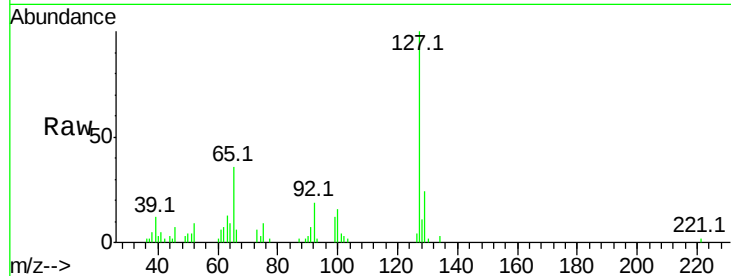




#33
4-Chloroaniline
Concen: 9.204 ng
RT: 11.28 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

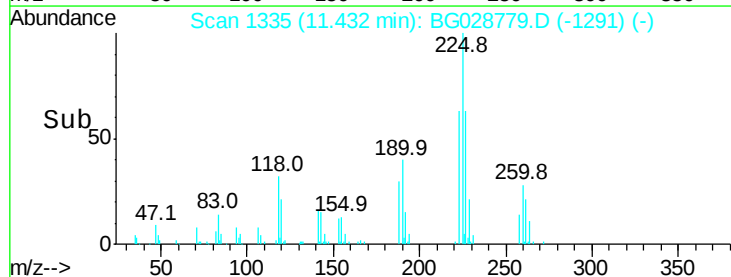
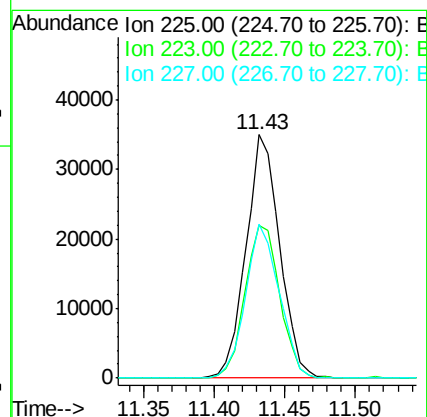
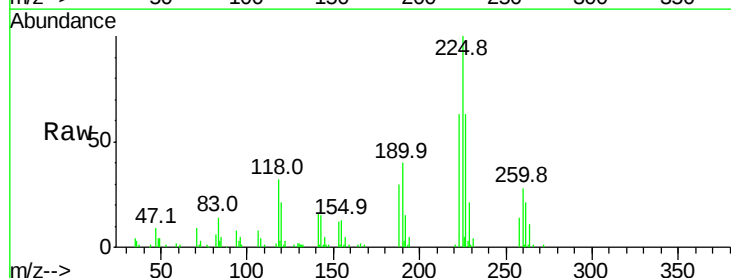
Instrument :
BNA_G
ClientSampleId :

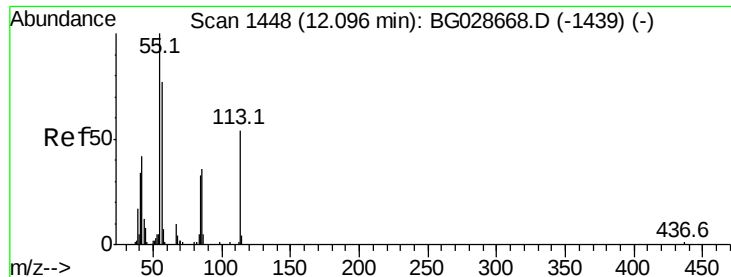
Tot Ion	Ratio	Lower	Upper
127	100		
129	24.4	23.6	35.4
65	35.6	37.7	56.5
92	19.0	17.6	26.4



#34
Hexachlorobutadiene
Concen: 31.041 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	63.1	49.0	73.6





#35

Caprolactam

Concen: 24.026 ng

RT: 12.04 min Scan# 1439

Delta R.T. -0.05 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

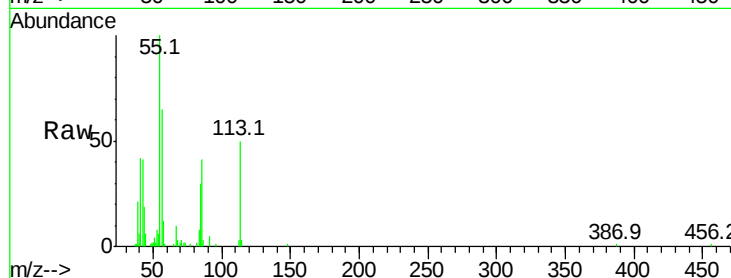
Tot Ion:113 Resp: 19343

Ion Ratio Lower Upper

113 100

55 199.4 198.6 238.6

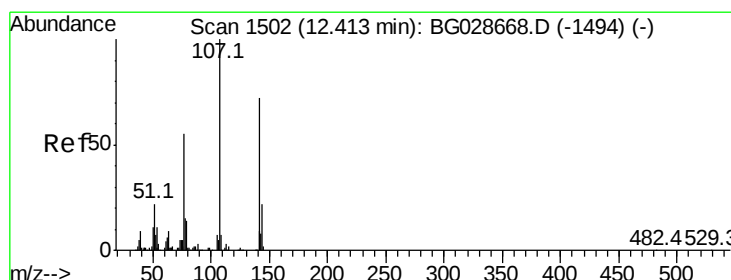
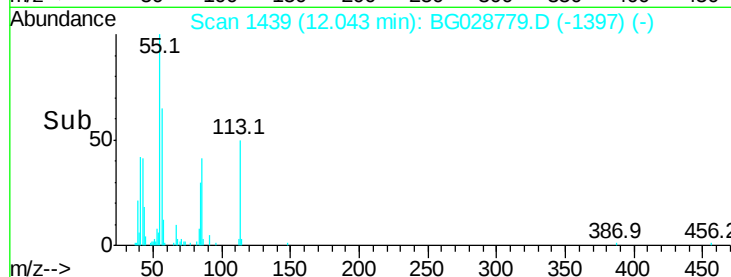
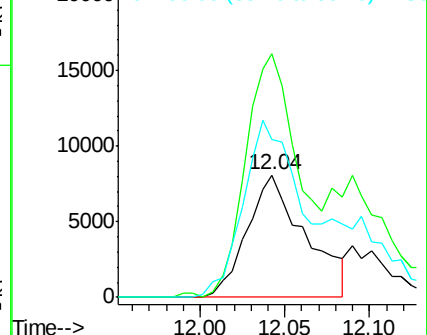
56 128.8 140.4 180.4#



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: 33.167 ng

RT: 12.38 min Scan# 1496

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

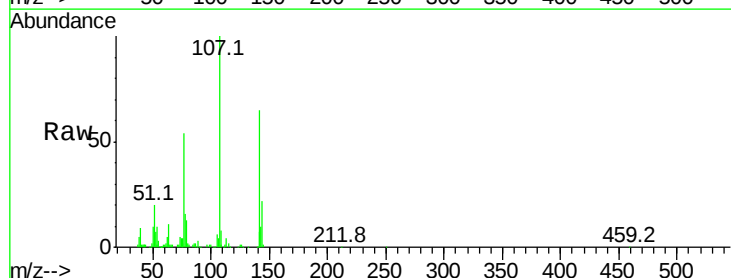
Tgt Ion:107 Resp: 96906

Ion Ratio Lower Upper

107 100

144 21.6 17.4 26.0

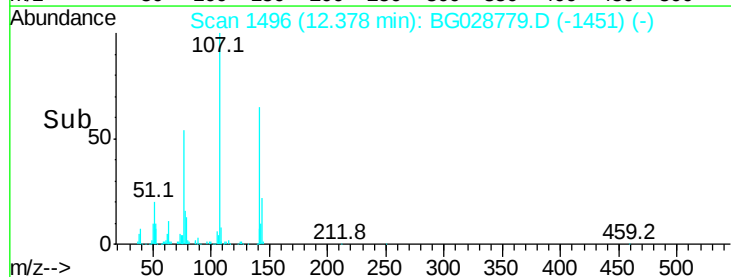
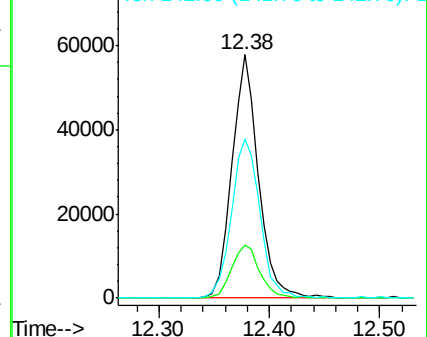
142 65.2 54.1 81.1

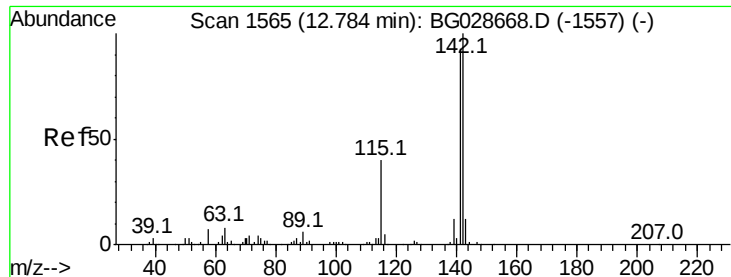


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

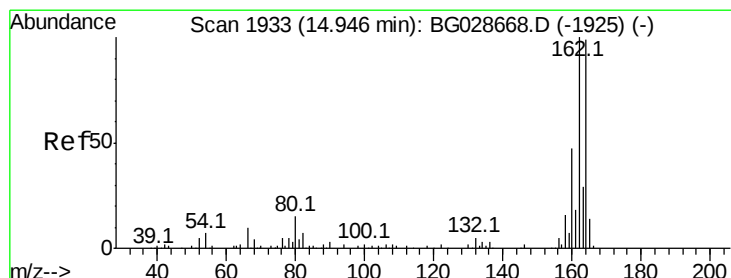
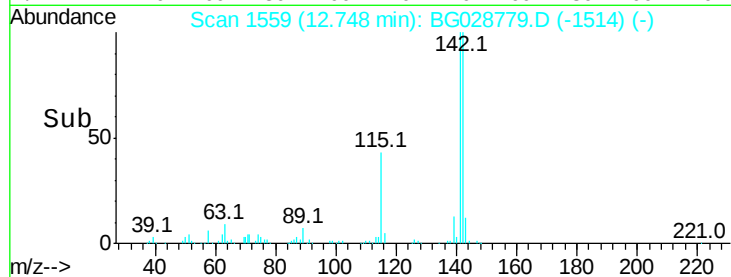
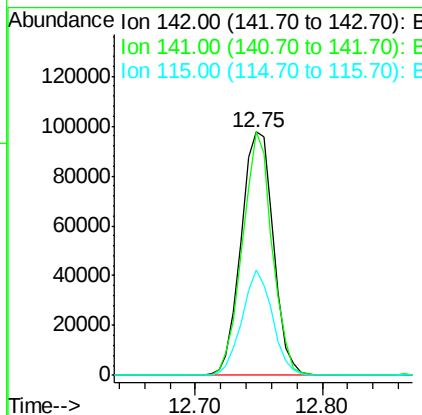
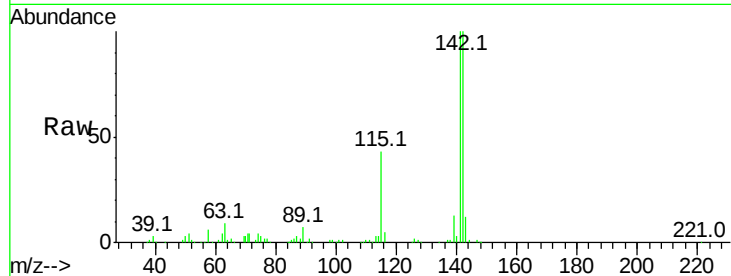




#37
2-Methylnaphthalene
Concen: 35.354 ng
RT: 12.75 min Scan# 1559
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

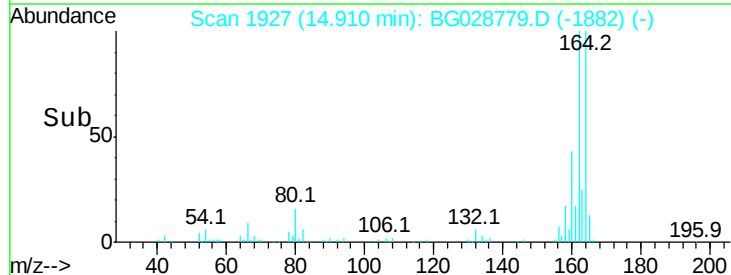
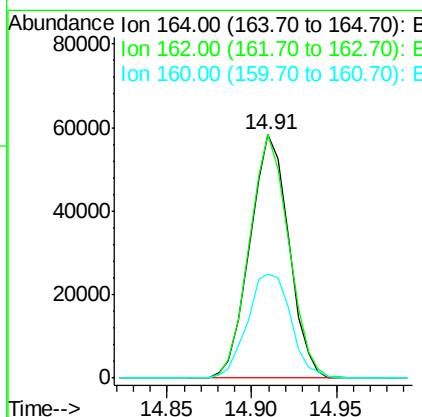
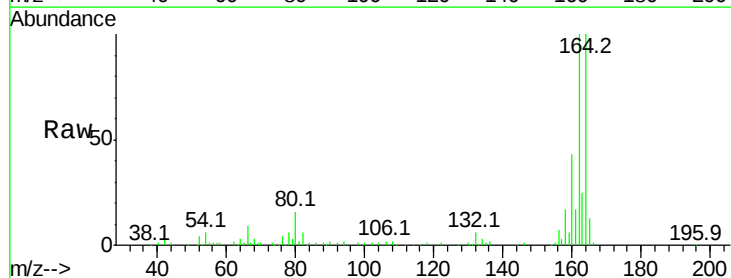
Instrument :
BNA_G
ClientSampleId :

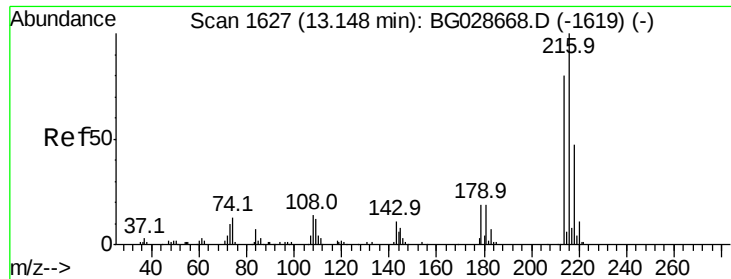
Tot Ion:142 Resp: 172741
Ion Ratio Lower Upper
142 100
141 99.9 70.4 105.6
115 43.3 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion:164 Resp: 93136
Ion Ratio Lower Upper
164 100
162 100.1 85.1 127.7
160 43.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.012 ng

RT: 13.11 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 111099

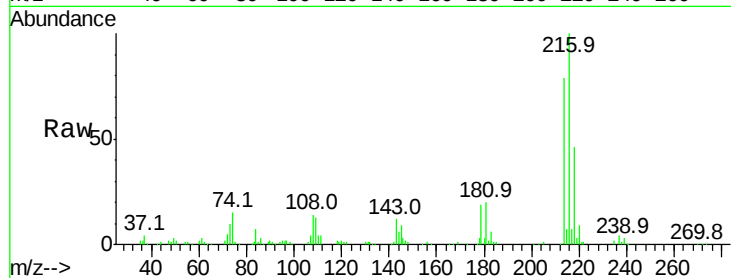
Ion Ratio Lower Upper

216 100

214 78.9 64.4 96.6

179 20.0 17.4 26.0

108 15.5 15.6 23.4#

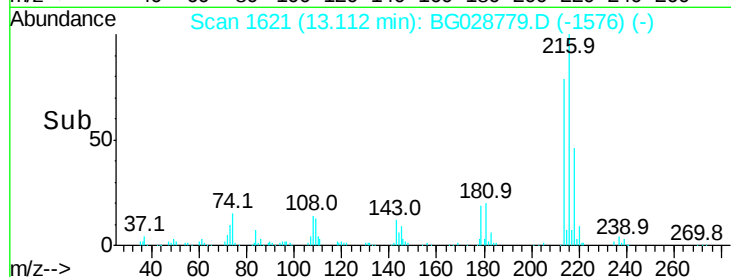


Abundance Ion 216.00 (215.70 to 216.70): E

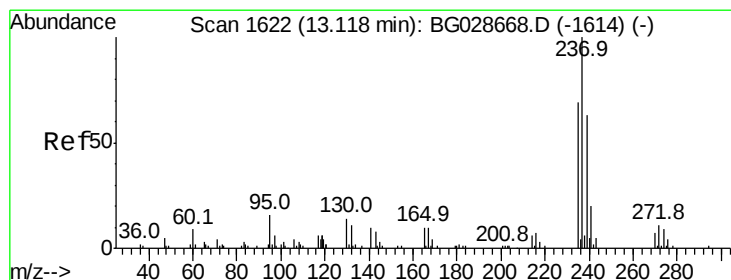
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 64.900 ng

RT: 13.08 min Scan# 1616

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

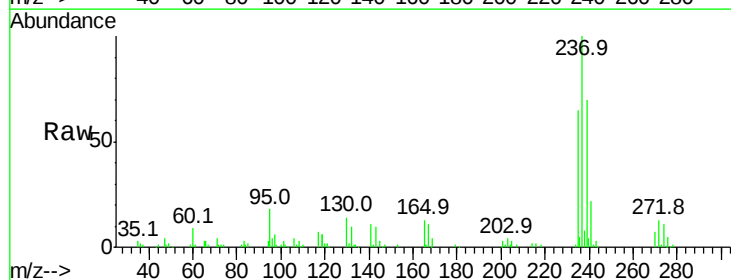
Tgt Ion:237 Resp: 94191

Ion Ratio Lower Upper

237 100

235 64.6 39.4 79.4

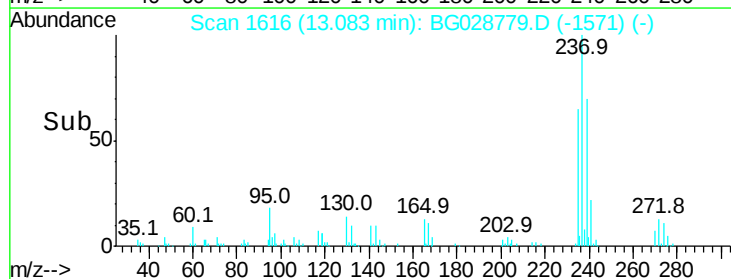
272 12.7 0.0 32.0



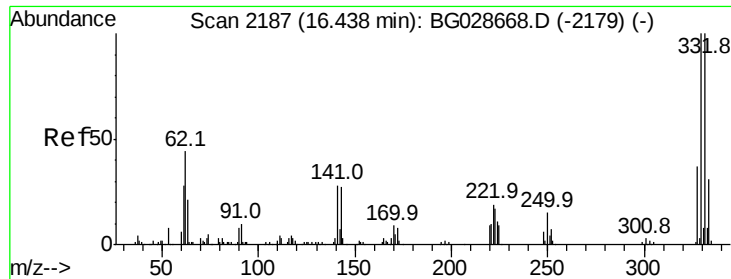
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



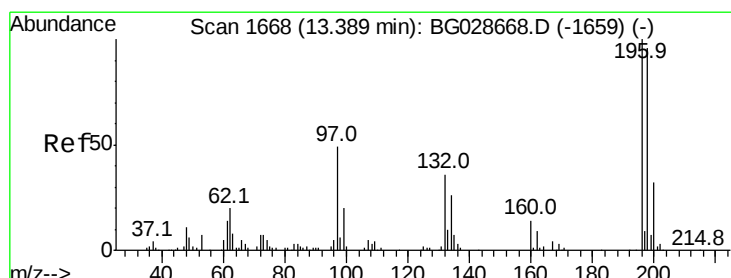
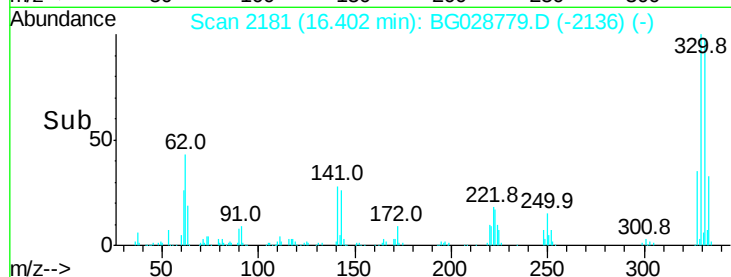
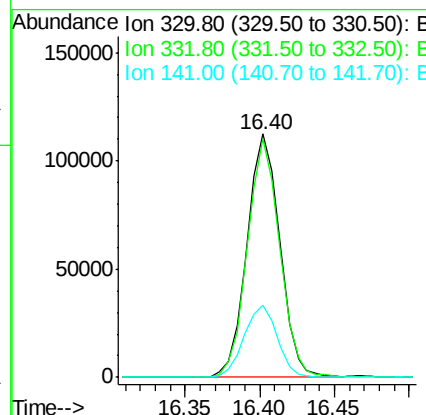
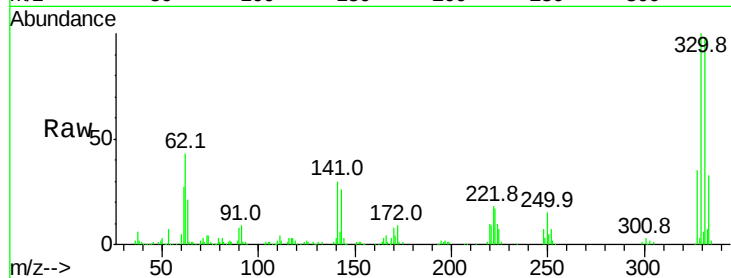
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 111.331 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

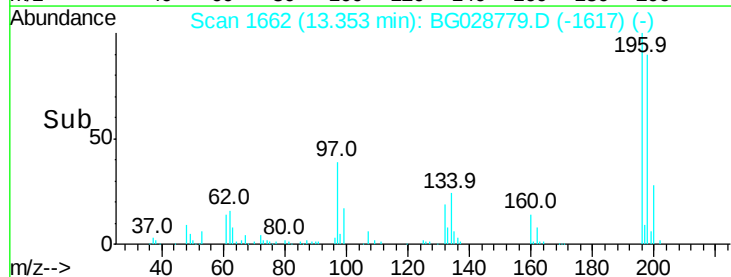
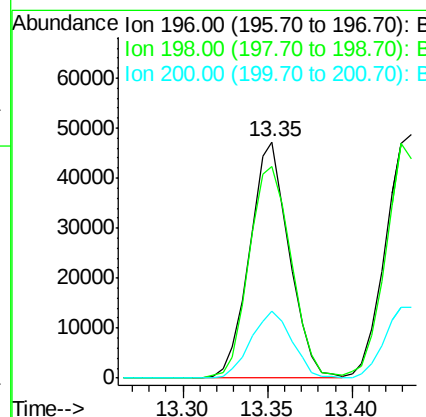
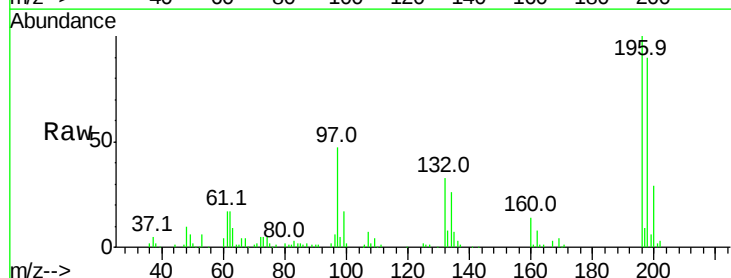
Instrument :
 BNA_G
 ClientSampleId :

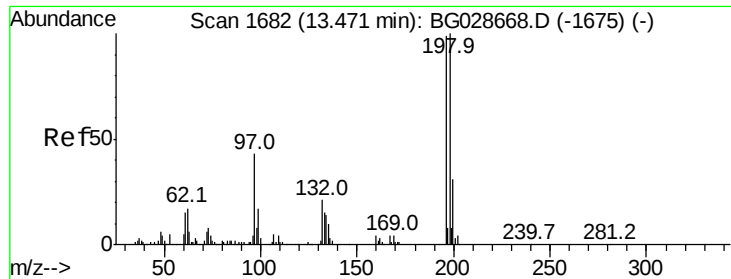
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	29.9	32.1	48.1#



#42
 2,4,6-Trichlorophenol
 Concen: 31.679 ng
 RT: 13.35 min Scan# 1662
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.7	81.4	122.2
200	28.6	27.0	40.6

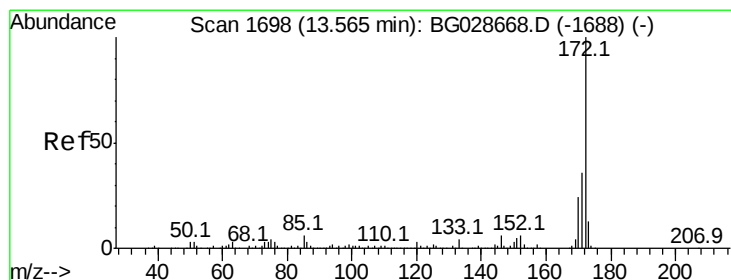
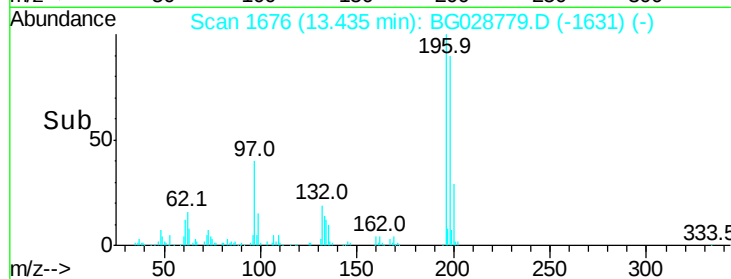
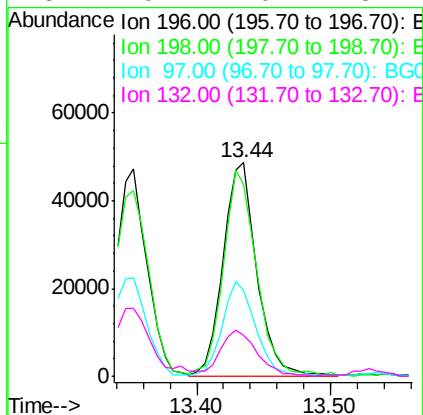
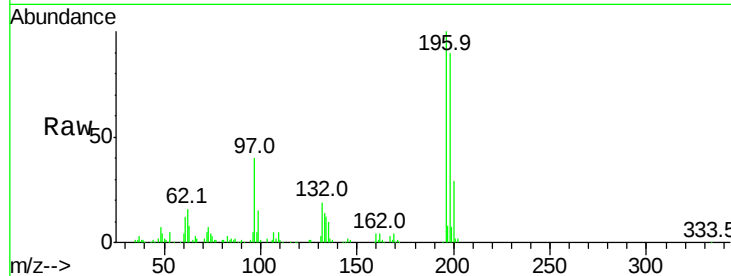




#43
 2,4,5-Trichlorophenol
 Concen: 35.262 ng
 RT: 13.44 min Scan# 1676
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

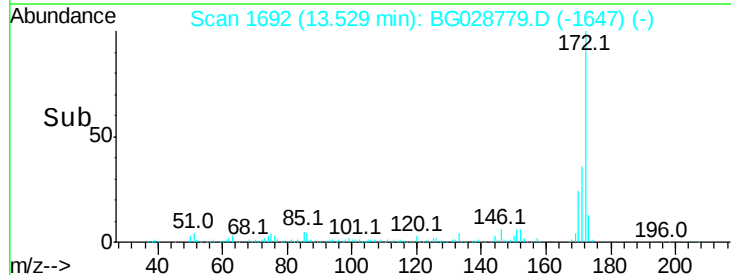
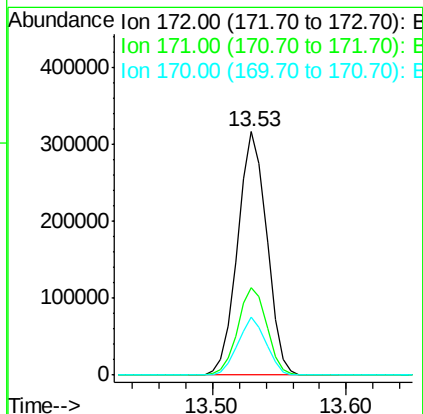
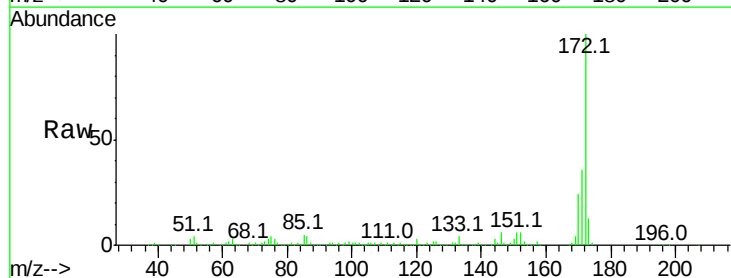
Instrument :
 BNA_G
 ClientSampleId :

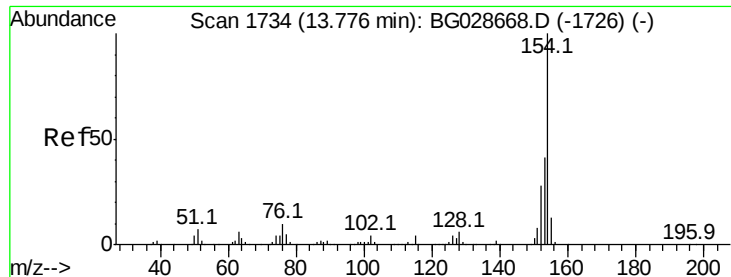
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.1	79.9	119.9
97	40.2	45.4	68.0#
132	19.1	20.7	31.1#



#44
 2-Fluorobiphenyl
 Concen: 68.560 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	32.2	48.2
170	23.8	21.8	32.6





#45

1,1'-Biphenyl

Concen: 30.134 ng

RT: 13.74 min Scan# 1728

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

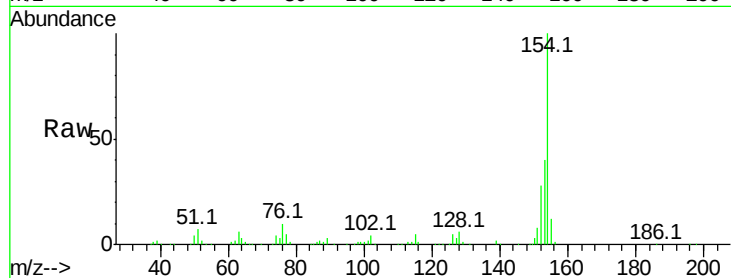
Tot Ion:154 Resp: 232374

Ion Ratio Lower Upper

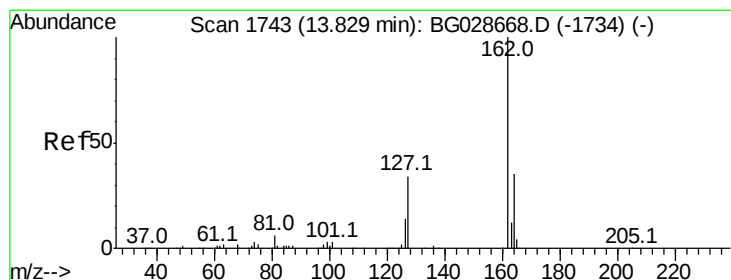
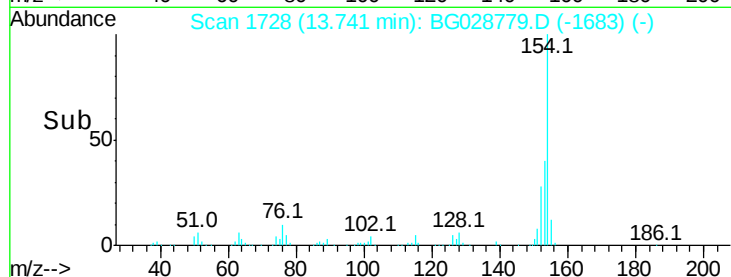
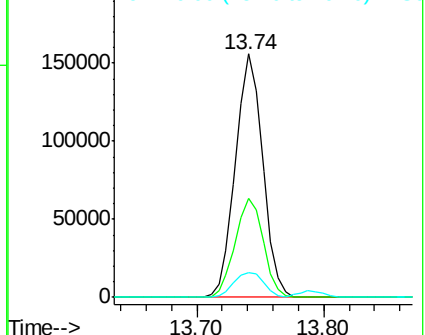
154 100

153 40.4 23.0 63.0

76 10.1 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 32.328 ng

RT: 13.79 min Scan# 1737

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

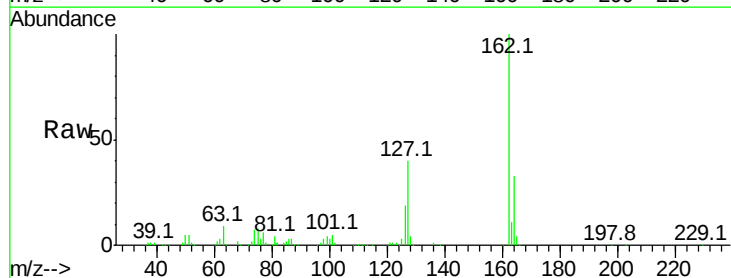
Tgt Ion:162 Resp: 181827

Ion Ratio Lower Upper

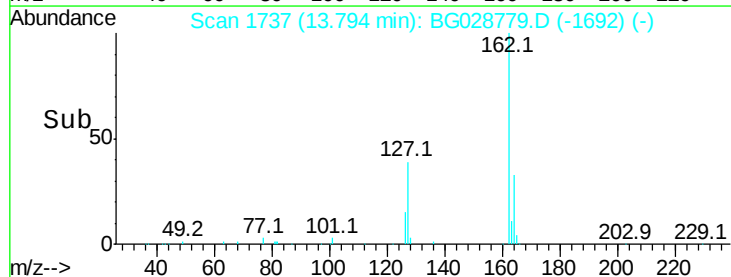
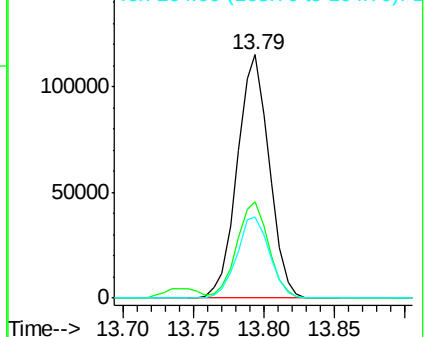
162 100

127 39.7 32.2 48.4

164 33.5 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

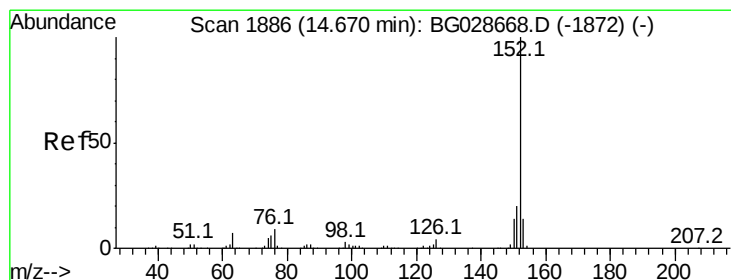
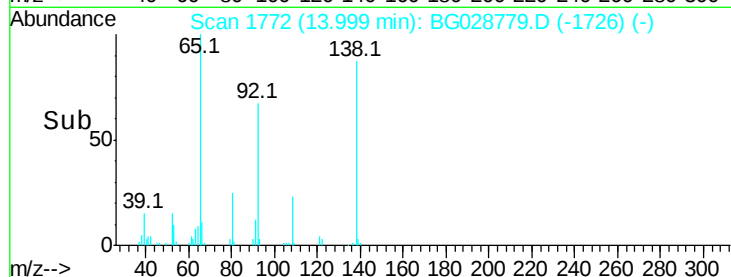
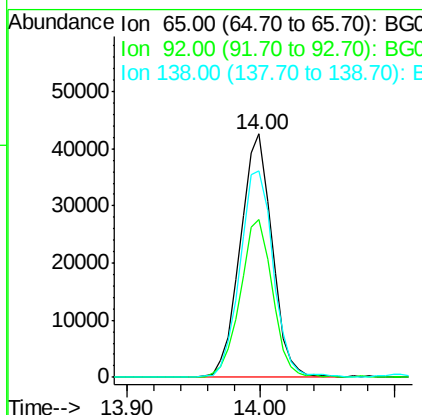
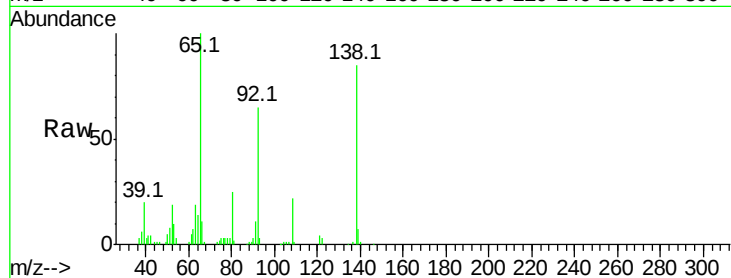




#47
2-Nitroaniline
Concen: 33.688 ng
RT: 14.00 min Scan# 1772
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

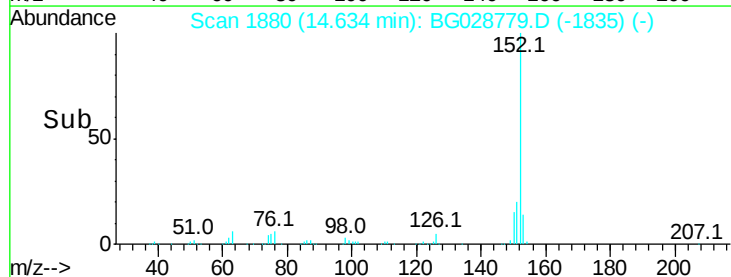
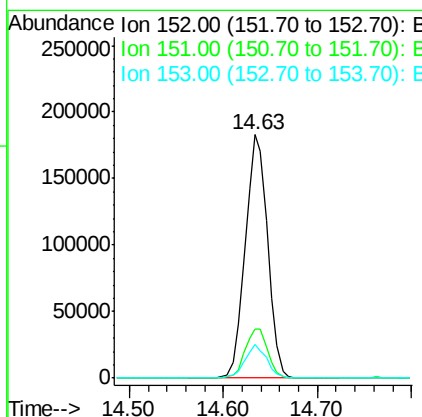
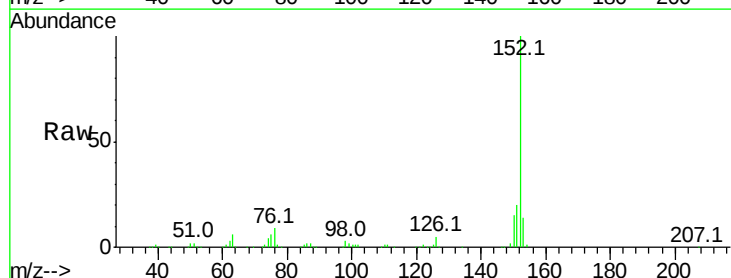
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 70419
Ion Ratio Lower Upper
65 100
92 64.8 49.0 73.4
138 84.7 58.6 87.8



#48
Acenaphthylene
Concen: 33.291 ng
RT: 14.63 min Scan# 1880
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion: 152 Resp: 299143
Ion Ratio Lower Upper
152 100
151 20.3 18.2 27.2
153 13.6 11.3 16.9

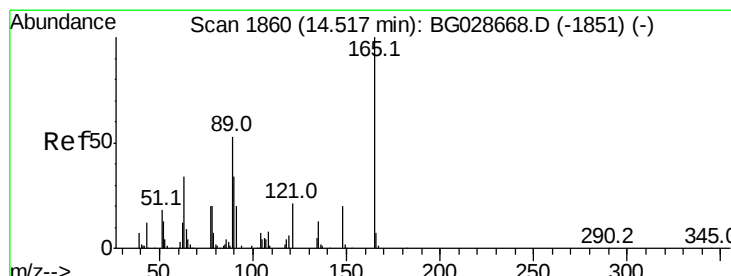
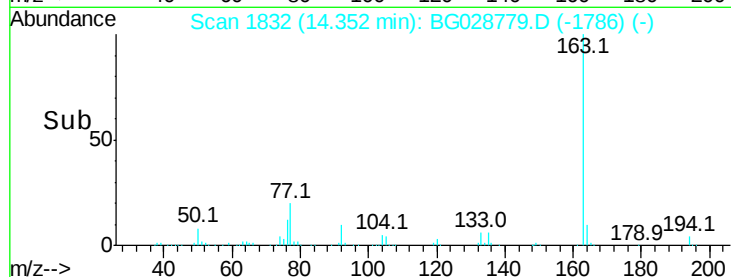
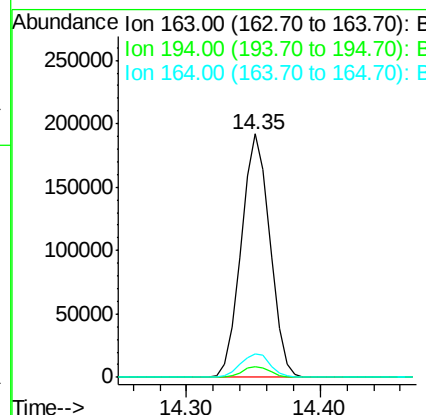
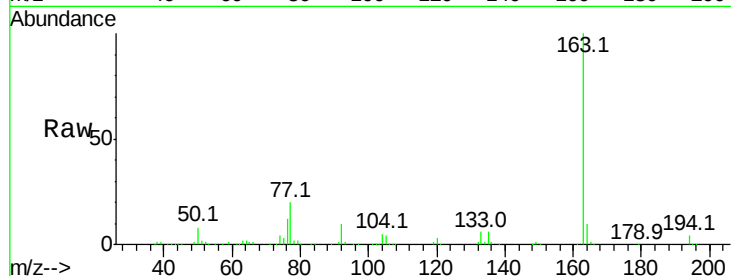




#49
Dimethylphthalate
Concen: 36.569 ng
RT: 14.35 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

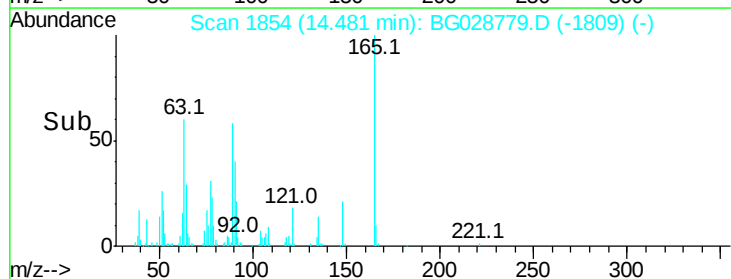
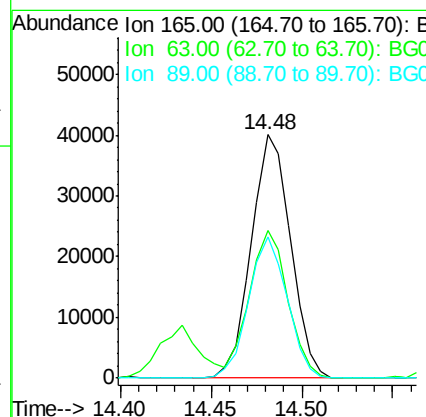
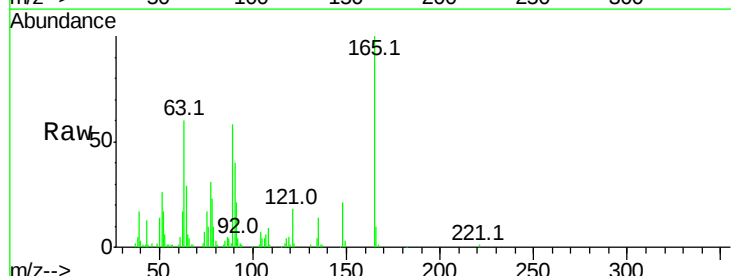
Instrument :
BNA_G
ClientSampled :

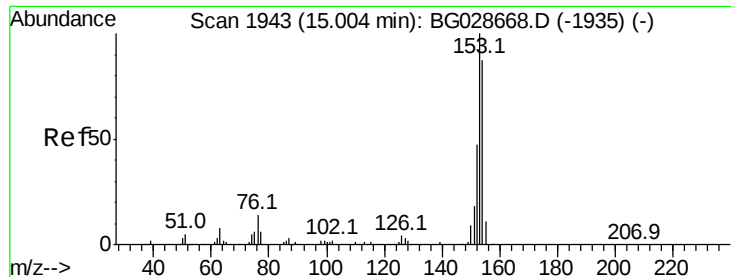
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	9.8	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 34.828 ng
RT: 14.48 min Scan# 1854
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.4	63.9	95.9#
89	58.2	58.6	88.0#





#51

Acenaphthene

Concen: 32.958 ng

RT: 14.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

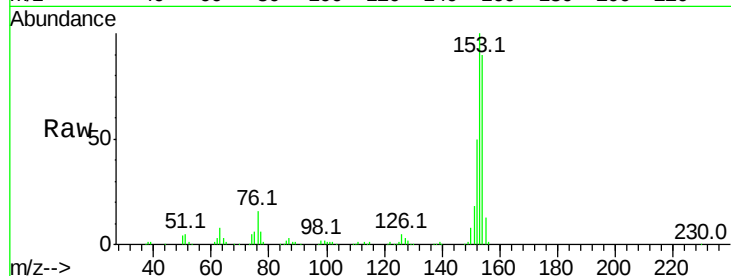
Tot Ion:154 Resp: 179902

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.6

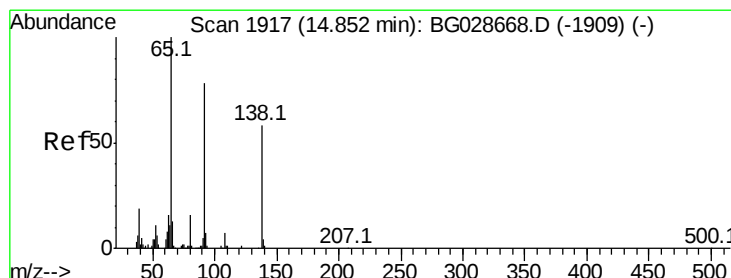
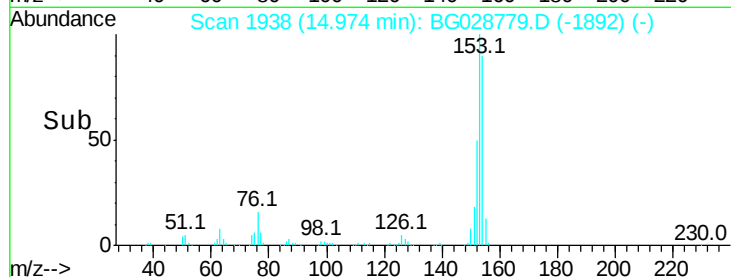
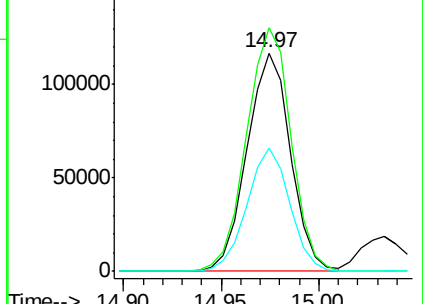
152 56.3 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.552 ng

RT: 14.82 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

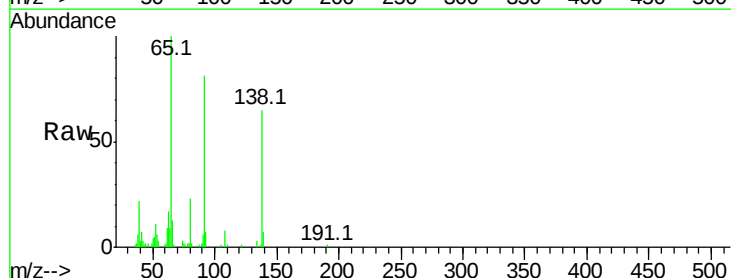
Tgt Ion:138 Resp: 26974

Ion Ratio Lower Upper

138 100

108 12.9 10.9 16.3

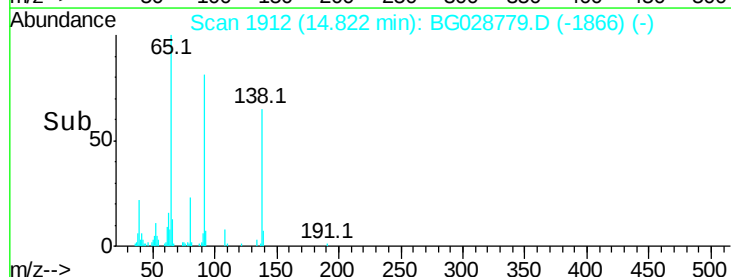
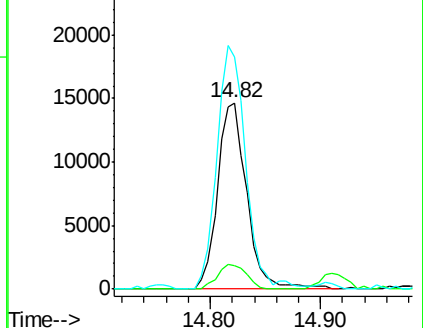
92 124.6 115.3 172.9

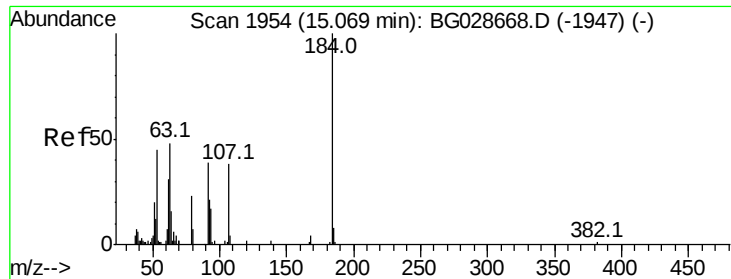


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 58.831 ng

RT: 15.03 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

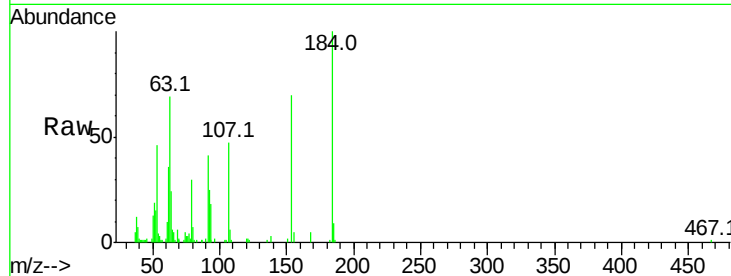
Tot Ion:184 Resp: 51717

Ion Ratio Lower Upper

184 100

63 69.2 52.7 79.1

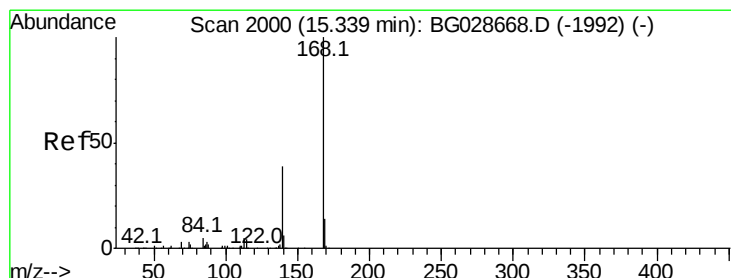
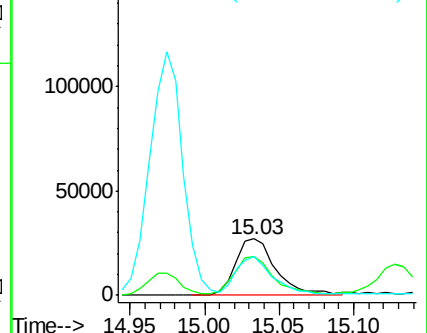
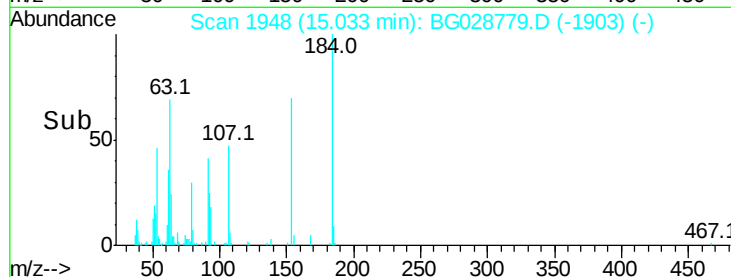
154 69.5 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 35.446 ng

RT: 15.30 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

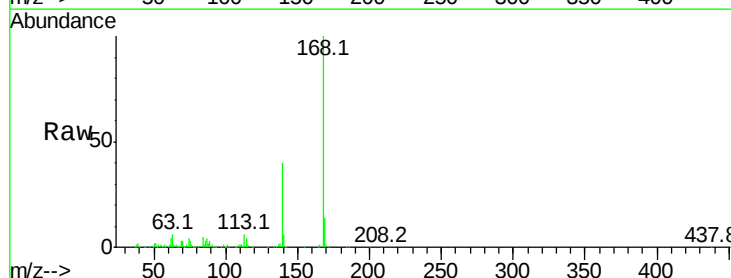
Tgt Ion:168 Resp: 308557

Ion Ratio Lower Upper

168 100

139 39.9 35.3 52.9

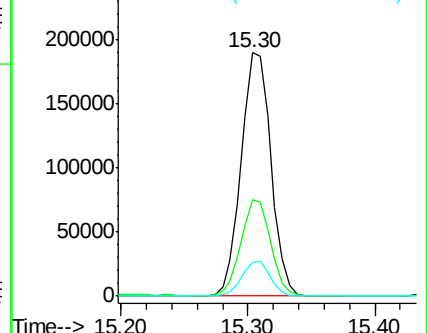
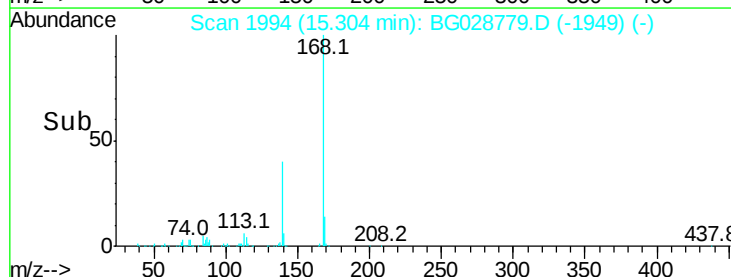
169 13.7 11.5 17.3

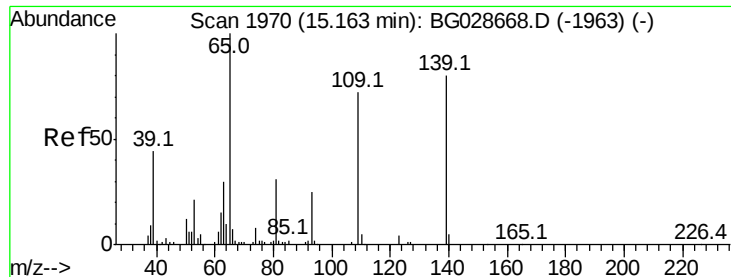


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

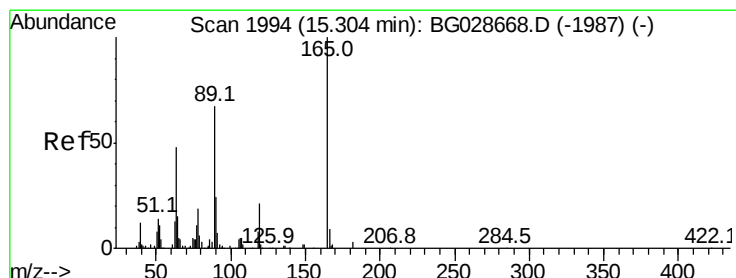
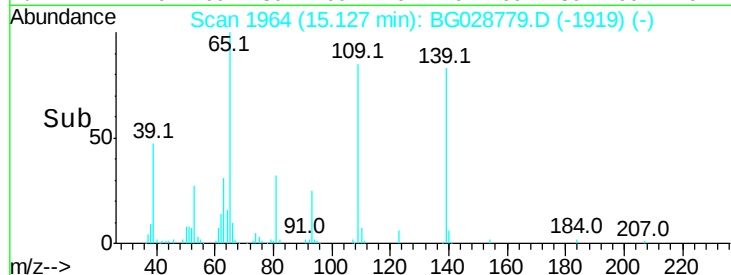
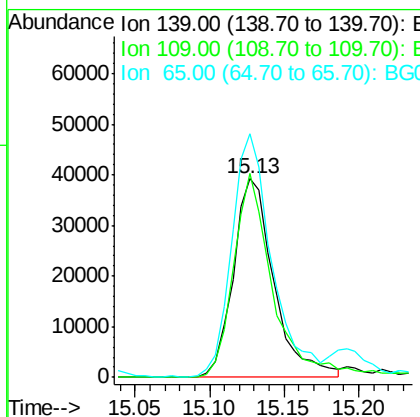
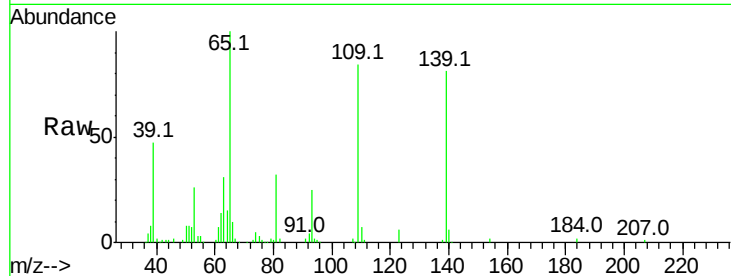




#55
4-Nitrophenol
Concen: 65.855 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

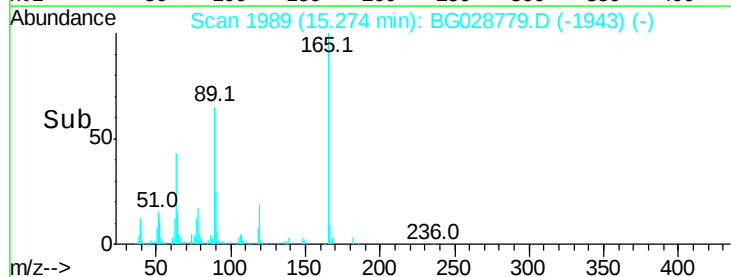
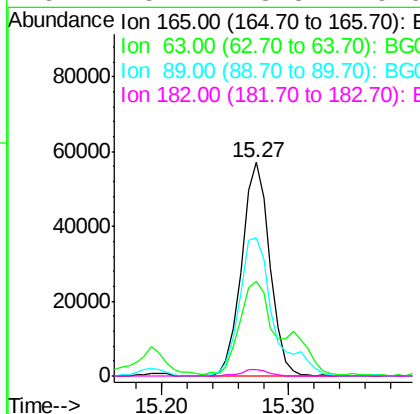
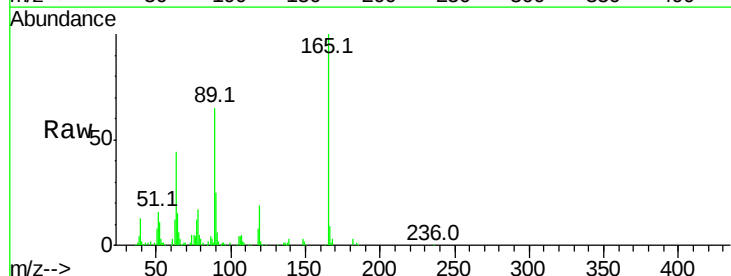
Instrument :
BNA_G
ClientSampleId :

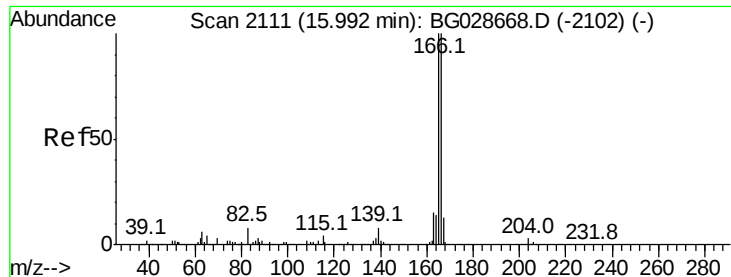
Tot Ion:139 Resp: 74148
Ion Ratio Lower Upper
139 100
109 102.6 101.2 141.2
65 122.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 35.771 ng
RT: 15.27 min Scan# 1989
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion:165 Resp: 87407
Ion Ratio Lower Upper
165 100
63 44.3 44.0 66.0
89 64.8 67.3 100.9#
182 3.1 3.8 5.6#





#57

Fluorene

Concen: 33.890 ng

RT: 15.96 min Scan# 2105

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

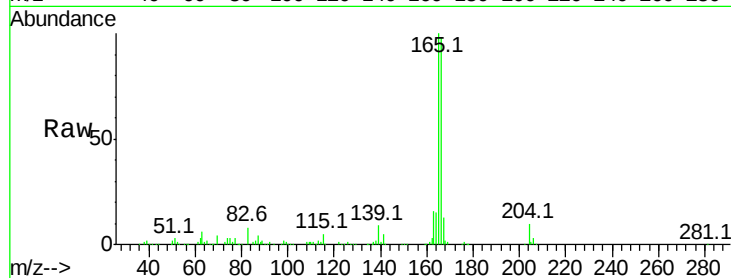
Tot Ion:166 Resp: 263377

Ion Ratio Lower Upper

166 100

165 102.2 78.6 117.8

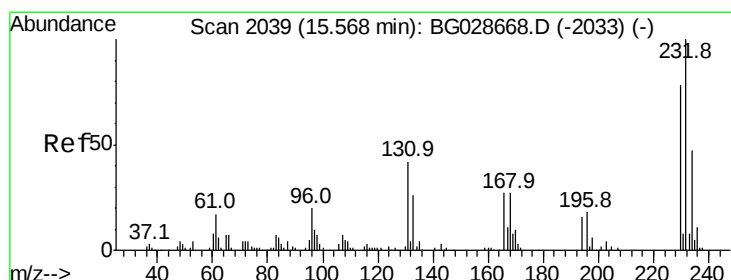
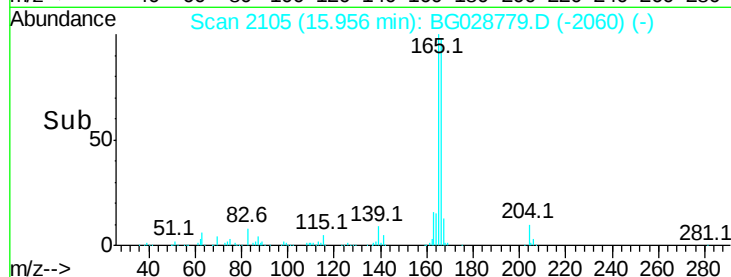
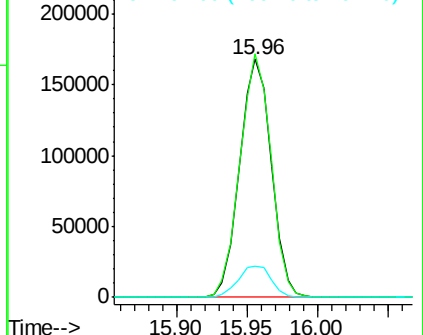
167 13.1 11.6 17.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.334 ng

RT: 15.53 min Scan# 2033

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Tgt Ion:232 Resp: 82512

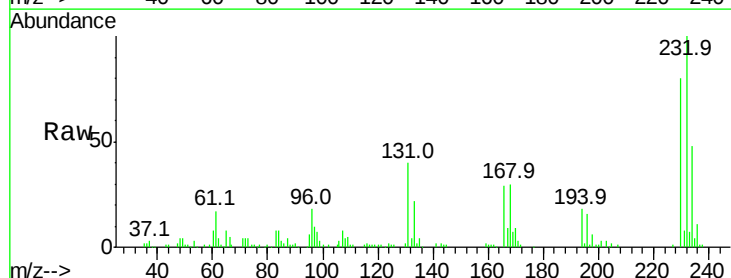
Ion Ratio Lower Upper

232 100

131 37.5 34.9 52.3

130 2.4 2.3 3.5

166 28.2 24.2 36.4

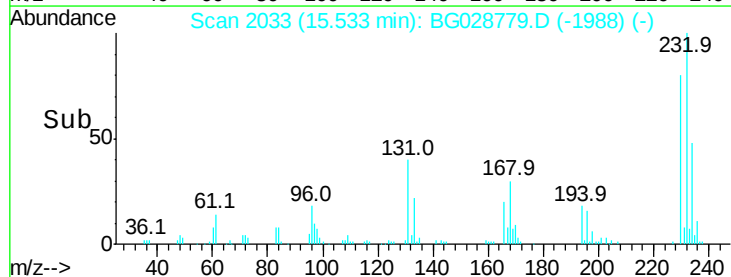
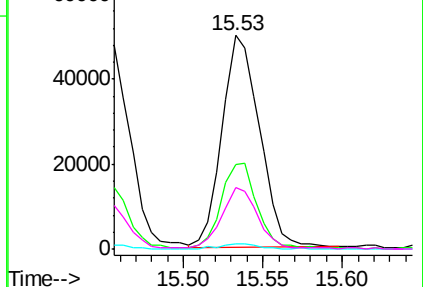


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

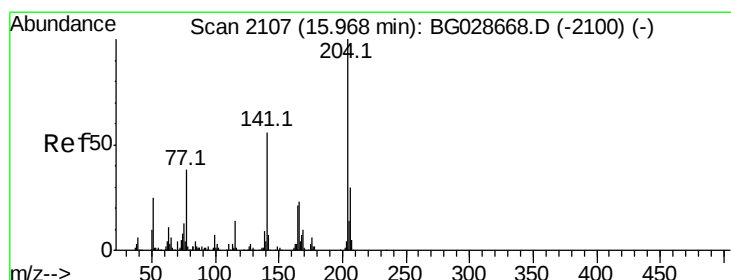
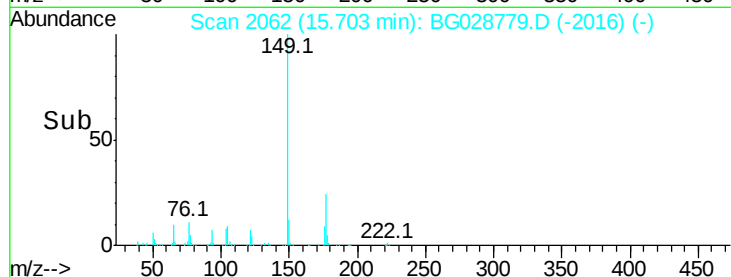
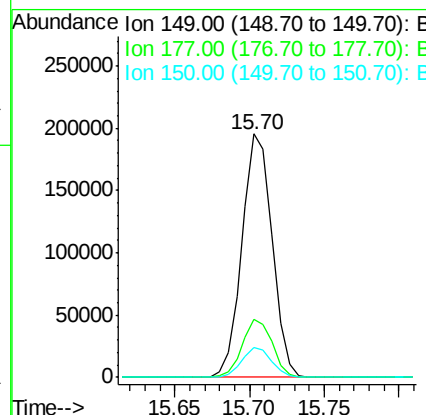
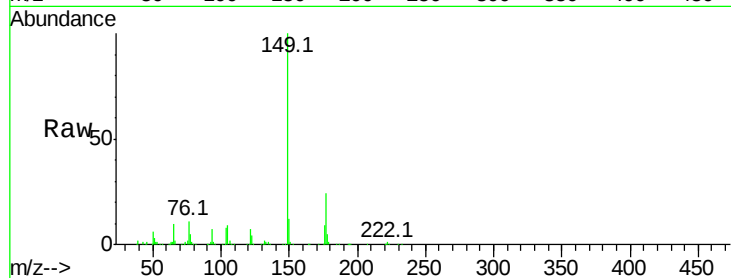




#59
Diethylphthalate
Concen: 34.141 ng
RT: 15.70 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

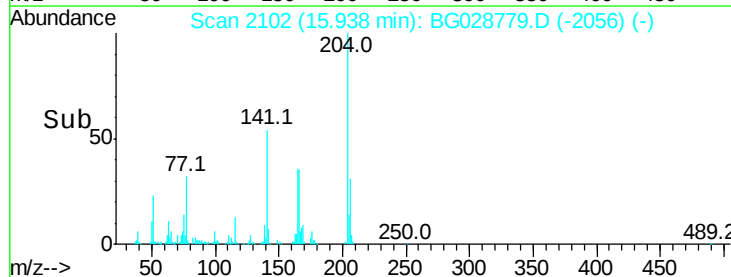
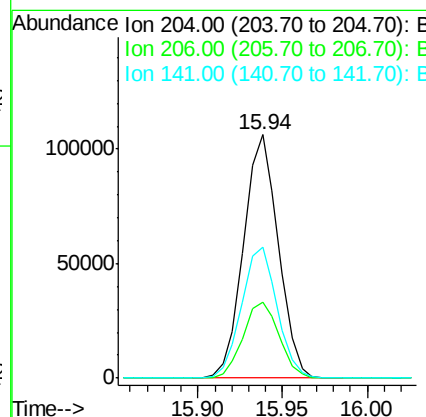
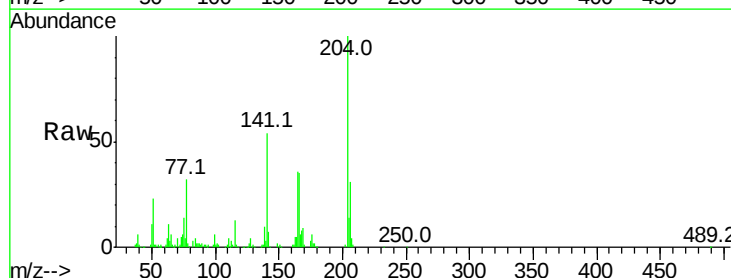
Instrument :
BNA_G
ClientSampleId :

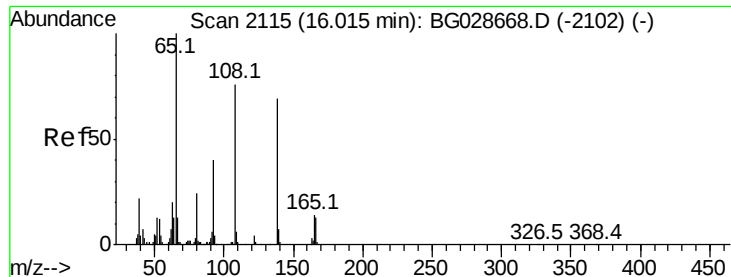
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.1	30.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.342 ng
RT: 15.94 min Scan# 2102
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.1	30.1	45.1
141	54.0	50.6	76.0

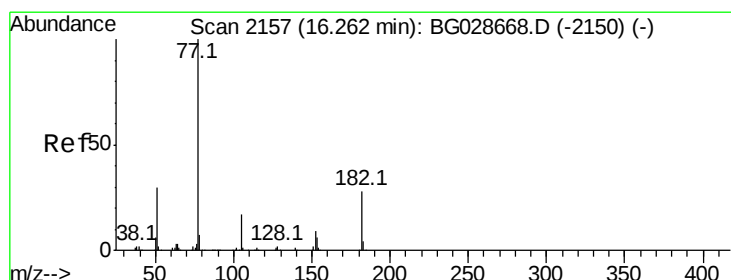
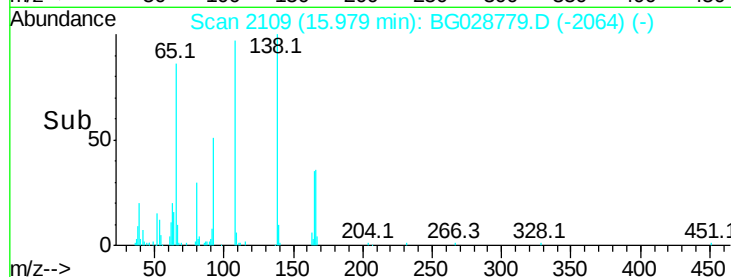
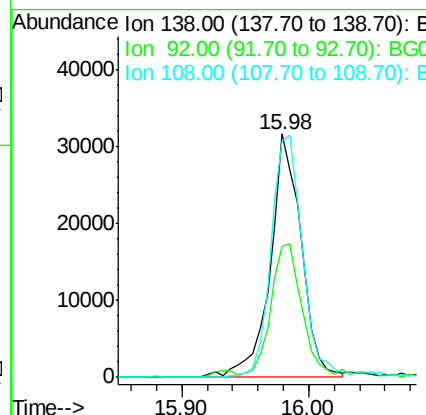
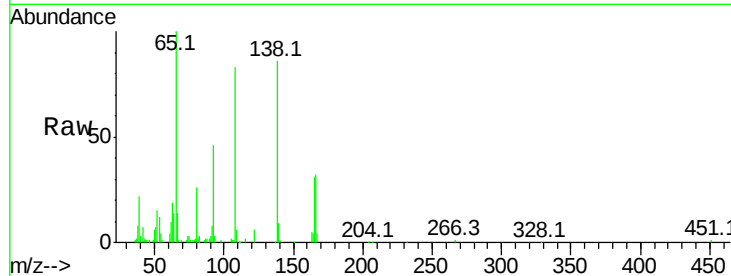




#61
4-Nitroaniline
Concen: 32.855 ng
RT: 15.98 min Scan# 2109
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

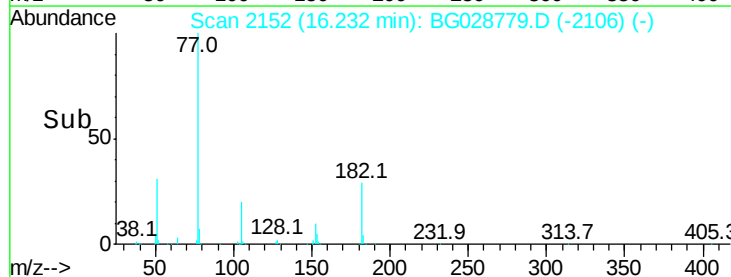
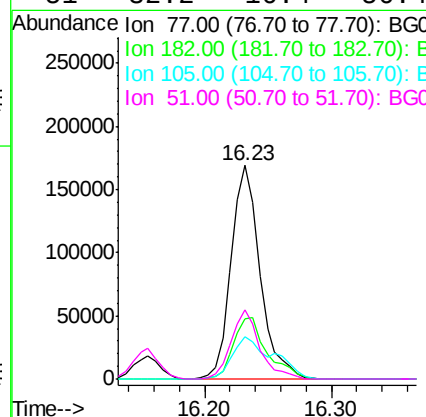
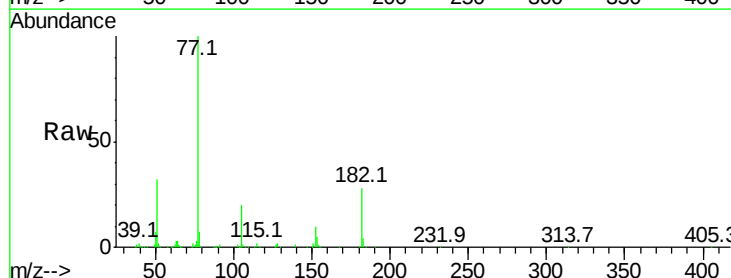
Instrument :
BNA_G
ClientSampleId :

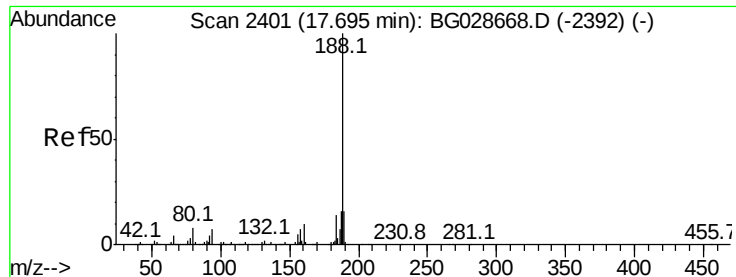
Tot Ion:138 Resp: 53490
Ion Ratio Lower Upper
138 100
92 53.9 44.2 84.2
108 96.7 104.8 144.8#



#62
Azobenzene
Concen: 39.286 ng
RT: 16.23 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion: 77 Resp: 265183
Ion Ratio Lower Upper
77 100
182 28.4 4.7 44.7
105 19.6 0.0 36.3
51 32.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

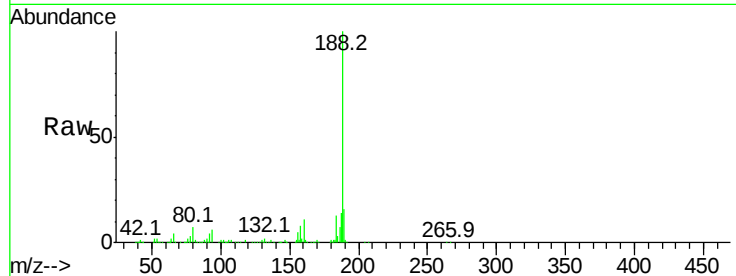
Tot Ion:188 Resp: 246058

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

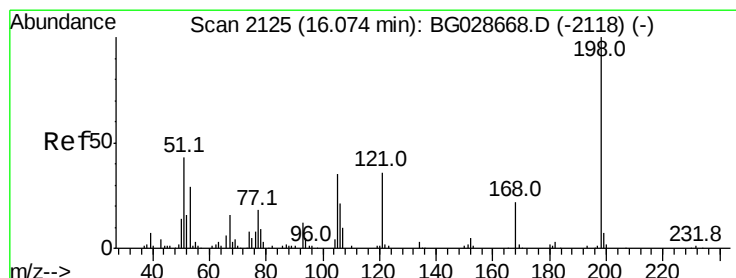
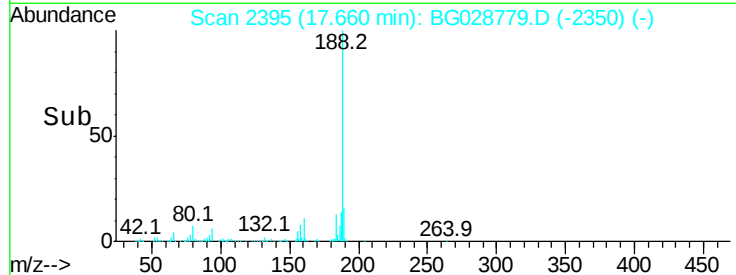
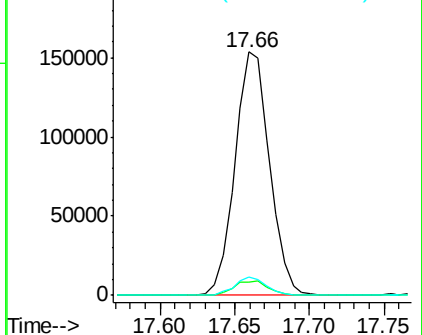
80 7.3 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 32.606 ng

RT: 16.04 min Scan# 2120

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

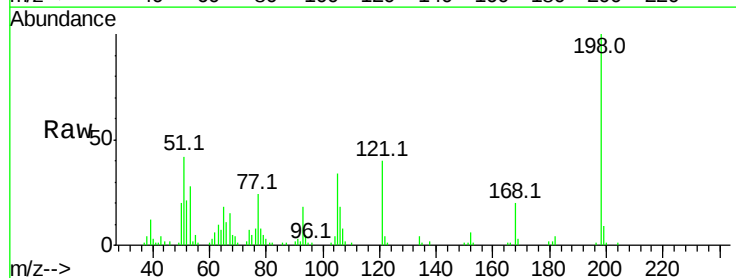
Tgt Ion:198 Resp: 51769

Ion Ratio Lower Upper

198 100

51 41.9 22.6 62.6

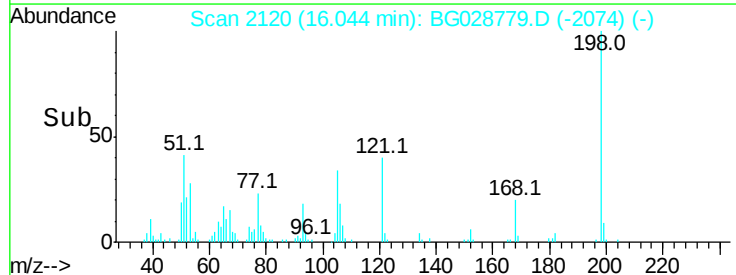
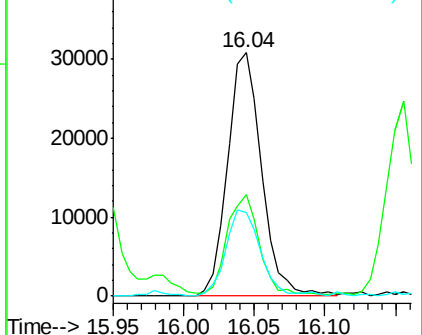
105 34.2 14.4 54.4

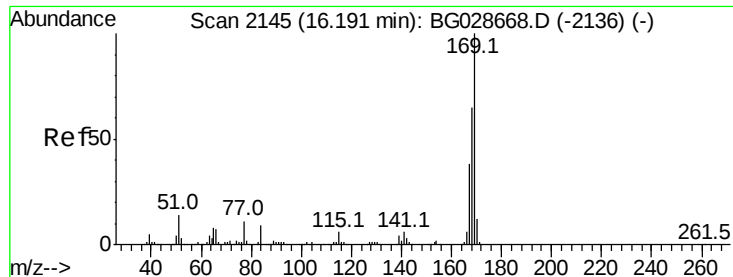


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

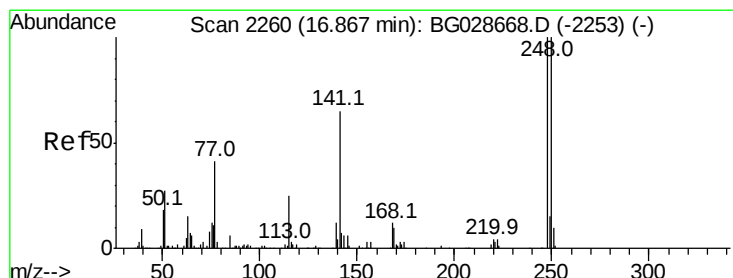
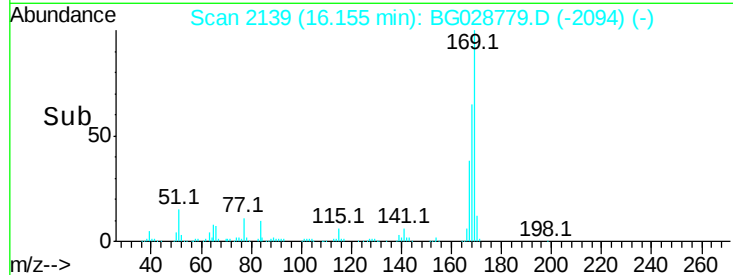
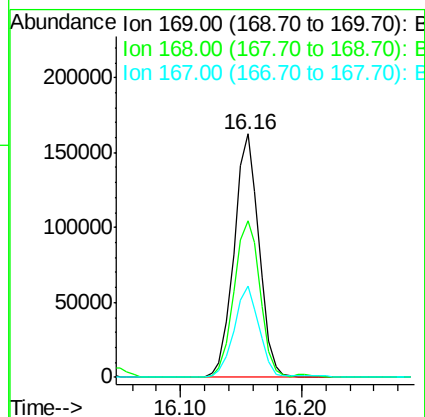
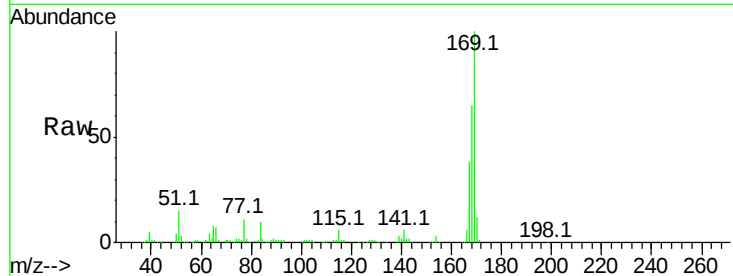




#65
 n-Nitrosodiphenylamine
 Concen: 33.179 ng
 RT: 16.16 min Scan# 2139
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

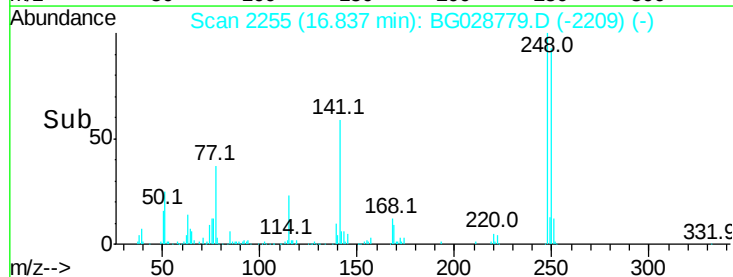
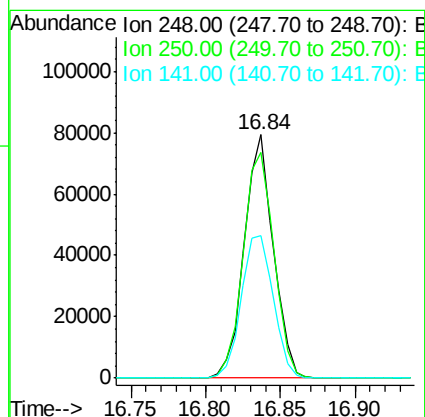
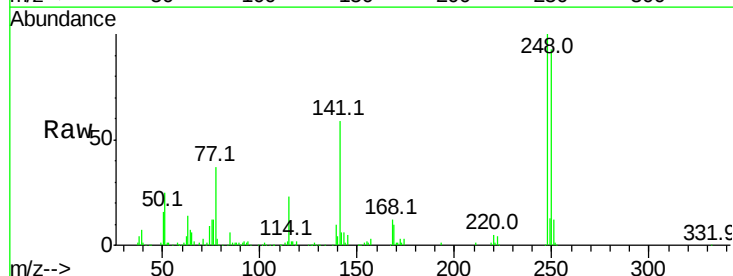
Instrument :
 BNA_G
 ClientSampleId :

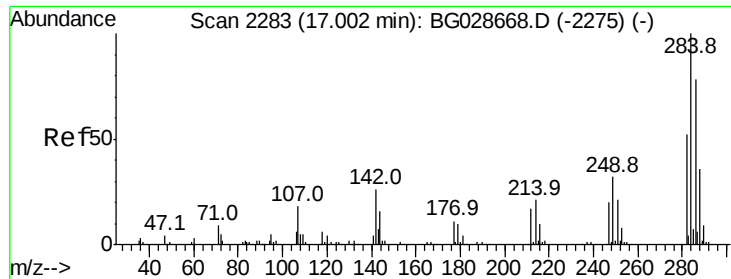
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.6	55.7	83.5
167	37.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 33.754 ng
 RT: 16.84 min Scan# 2255
 Delta R.T. -0.03 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	92.6	75.0	112.6
141	58.6	55.2	82.8

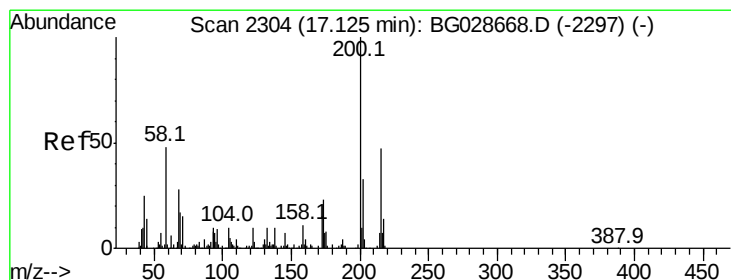
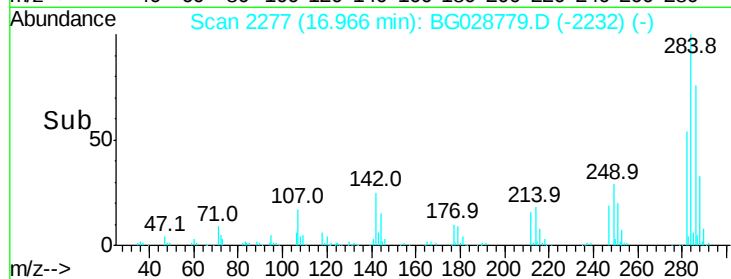
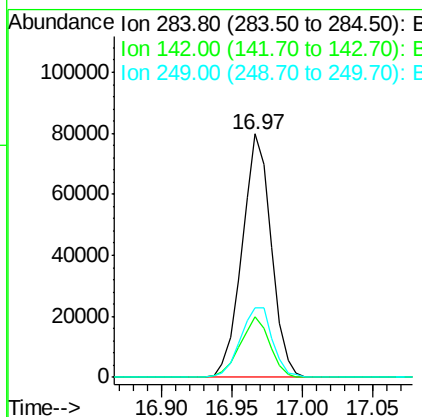
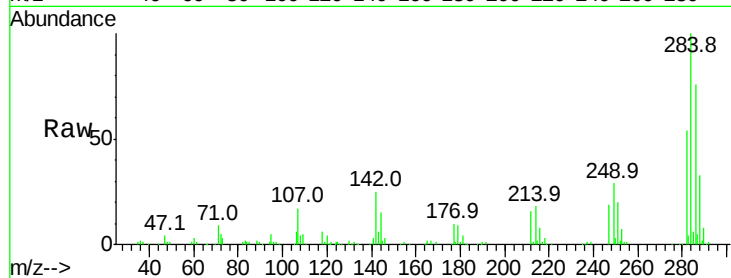




#67
Hexachlorobenzene
Concen: 31.919 ng
RT: 16.97 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

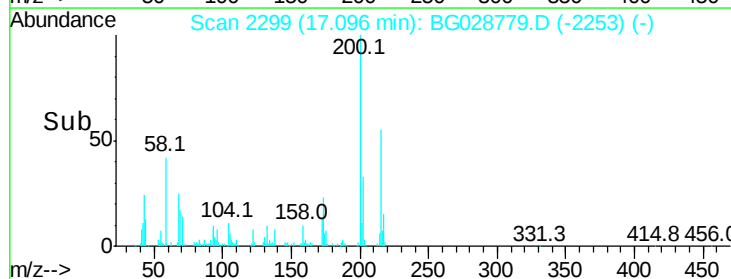
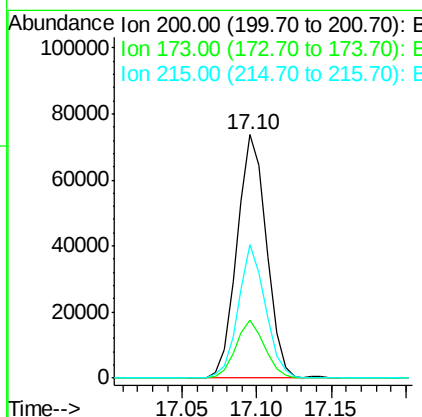
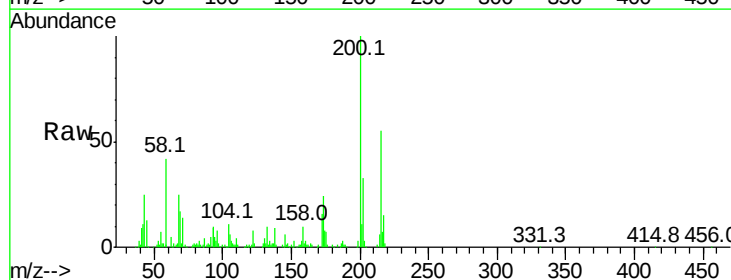
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.1	29.9	44.9#
249	28.6	29.2	43.8#



#68
Atrazine
Concen: 33.424 ng
RT: 17.10 min Scan# 2299
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	3.0	43.0
215	55.0	28.4	68.4





#69

Pentachlorophenol

Concen: 65.767 ng

RT: 17.31 min Scan# 2336

Delta R.T. -0.04 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampled :

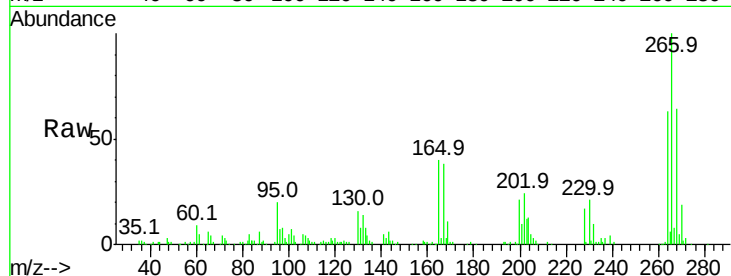
Tot Ion:266 Resp: 107078

Ion Ratio Lower Upper

266 100

268 63.8 48.6 72.8

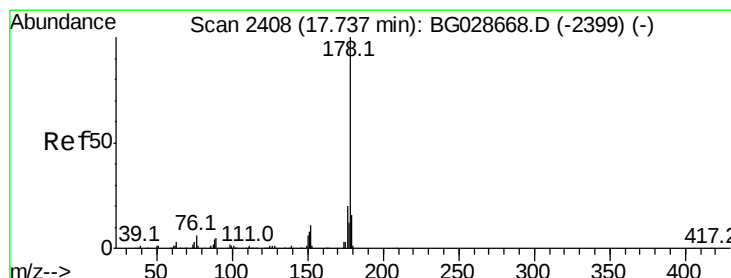
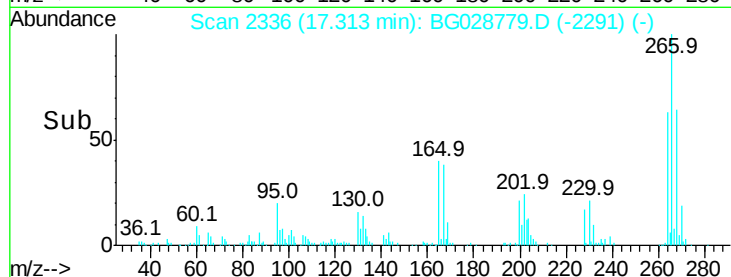
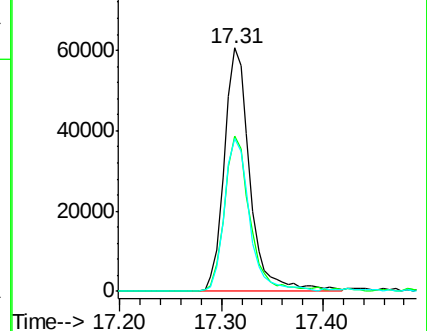
264 62.9 50.1 75.1



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



#70

Phenanthrene

Concen: 35.499 ng

RT: 17.71 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

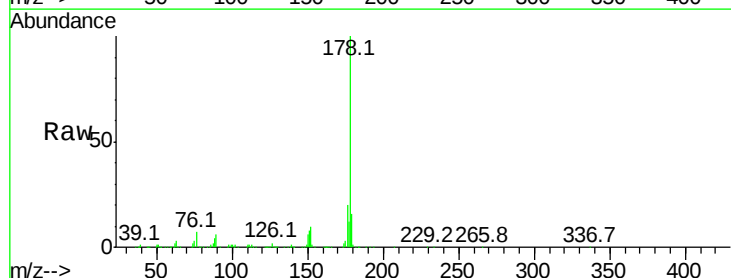
Tgt Ion:178 Resp: 446679

Ion Ratio Lower Upper

178 100

176 20.2 17.7 26.5

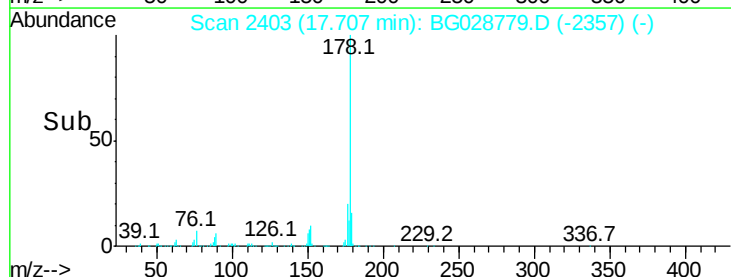
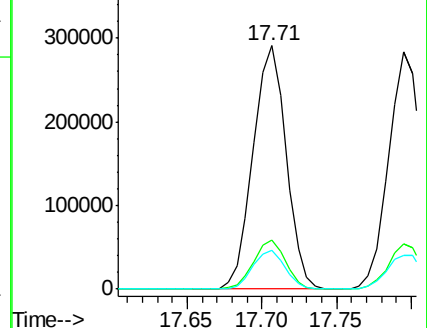
179 16.0 15.0 22.6

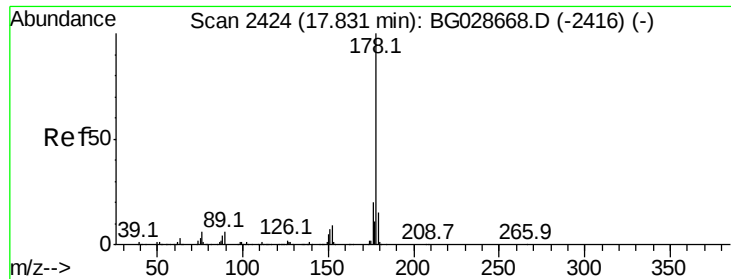


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

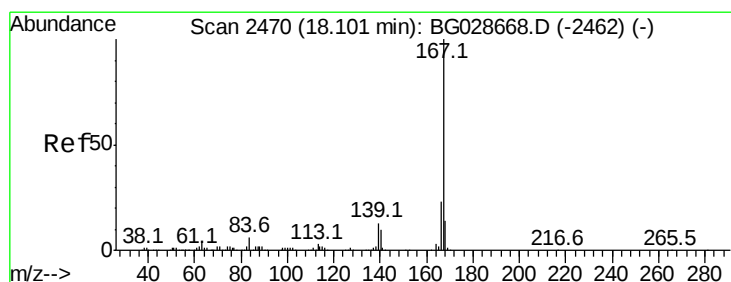
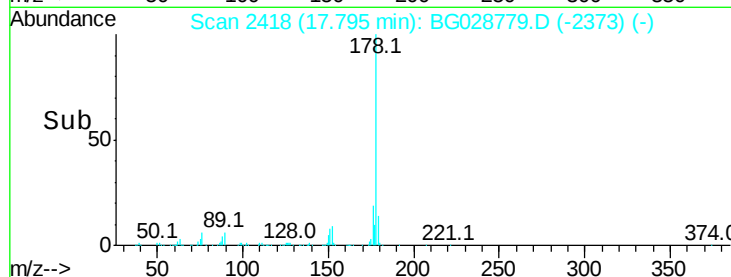
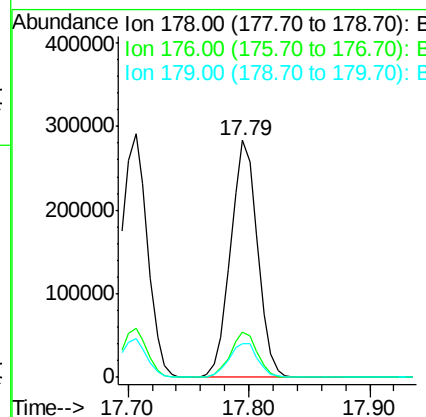
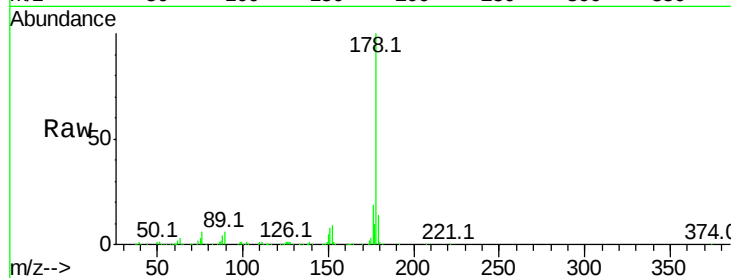




#71
 Anthracene
 Concen: 34.441 ng
 RT: 17.79 min Scan# 2418
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

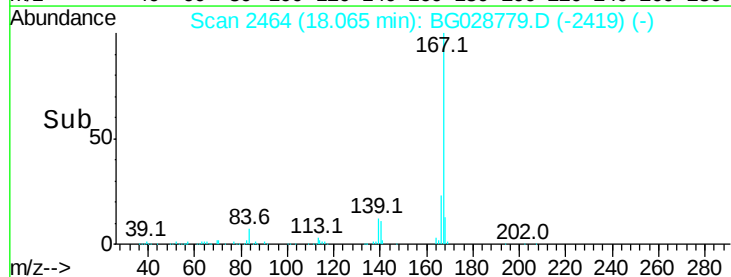
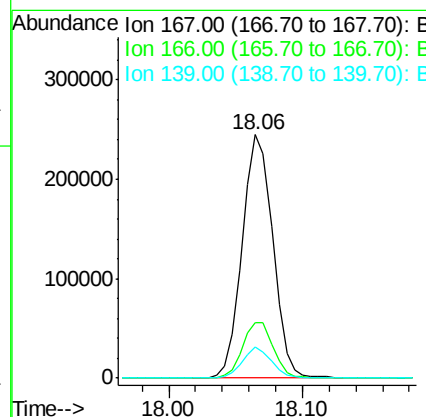
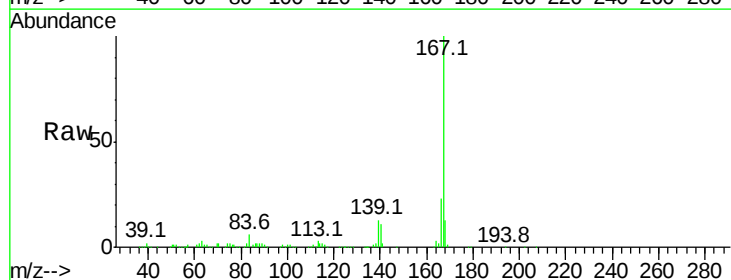
Instrument :
 BNA_G
 ClientSampleId :

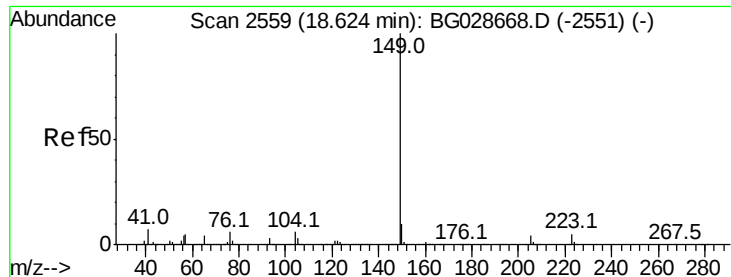
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.4	24.6
179	14.4	13.8	20.8



#72
 Carbazole
 Concen: 33.913 ng
 RT: 18.06 min Scan# 2464
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	20.2	30.2
139	12.8	12.8	19.2#

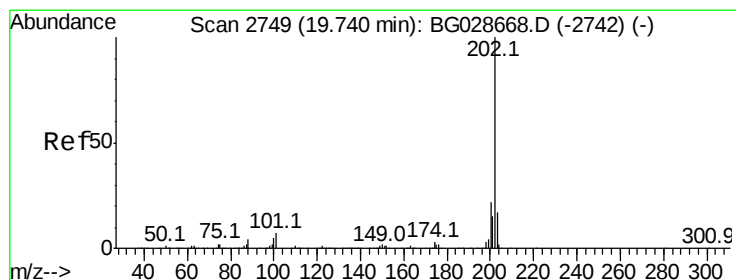
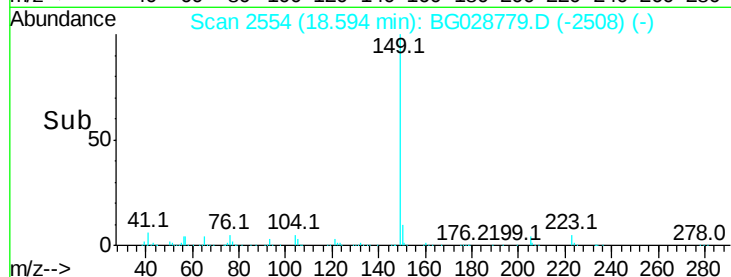
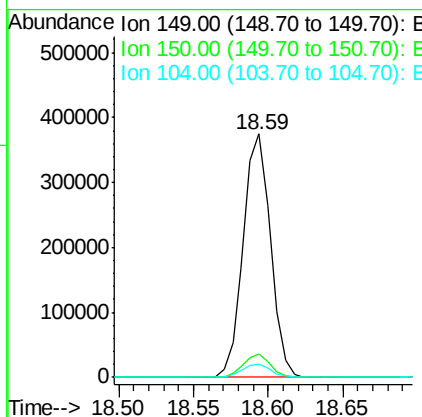
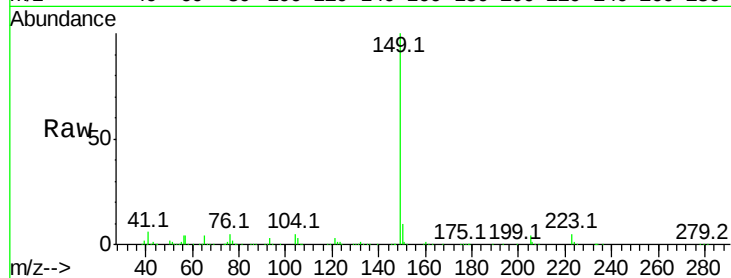




#73
Di-n-butylphthalate
Concen: 33.711 ng
RT: 18.59 min Scan# 2554
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

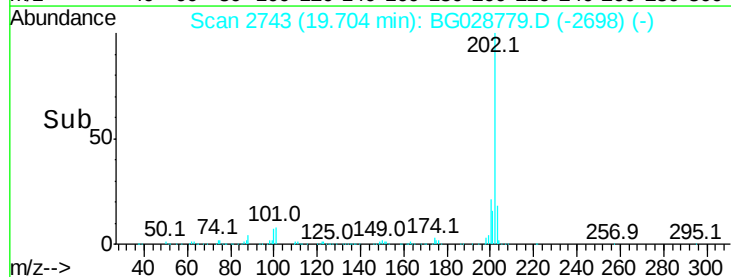
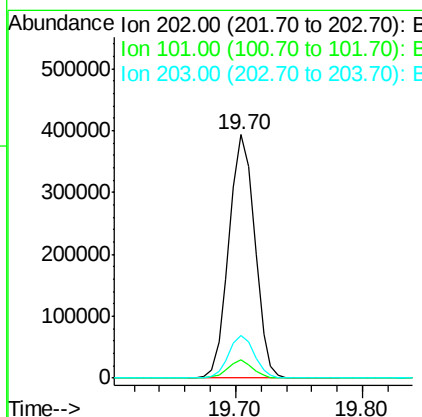
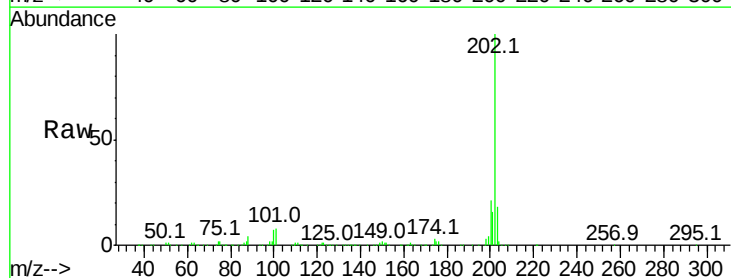
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	5.2	6.7	10.1



#74
Fluoranthene
Concen: 36.168 ng
RT: 19.70 min Scan# 2743
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.1
203	17.7	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

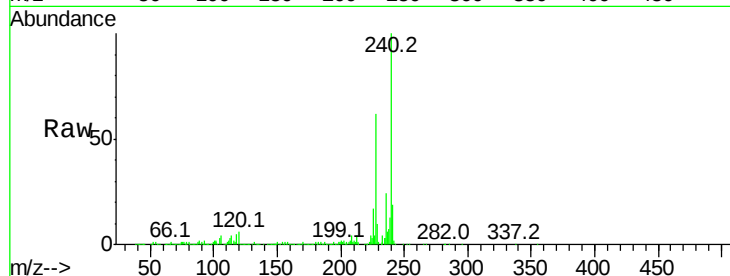
Tot Ion:240 Resp: 284663

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

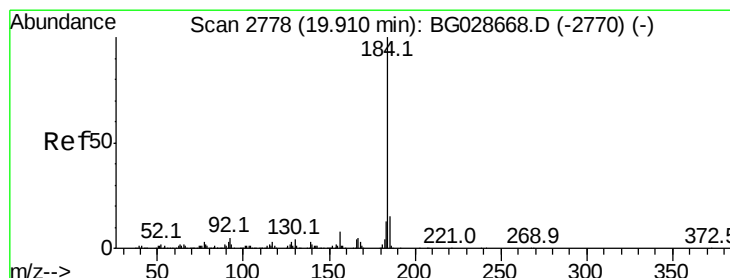
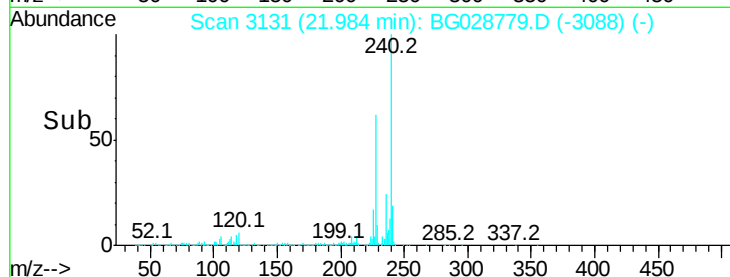
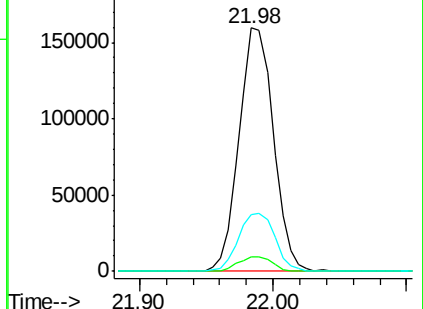
236 23.5 22.2 33.4



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



#76

Benzidine

Concen: 5.941 ng

RT: 19.88 min Scan# 2773

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

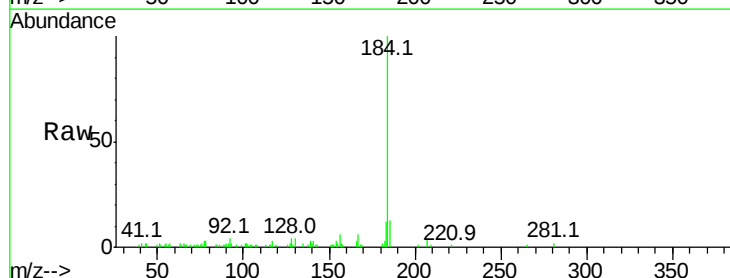
Tgt Ion:184 Resp: 43860

Ion Ratio Lower Upper

184 100

185 12.9 13.0 19.6#

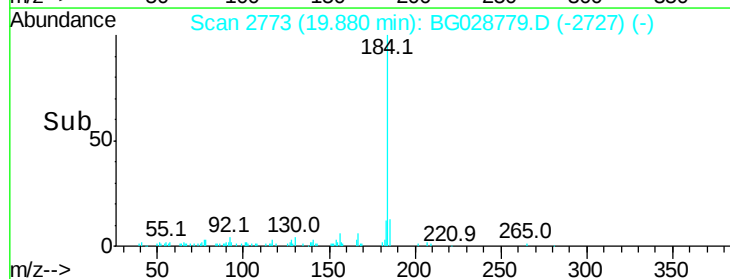
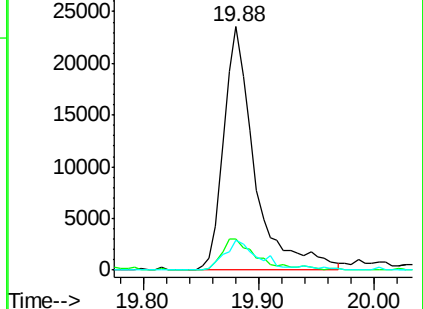
183 12.0 11.0 16.6

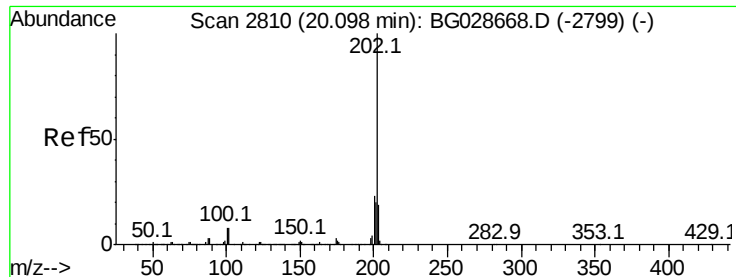


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.787 ng

RT: 20.07 min Scan# 2805

Delta R.T. -0.03 min

Lab File: BG028779.D

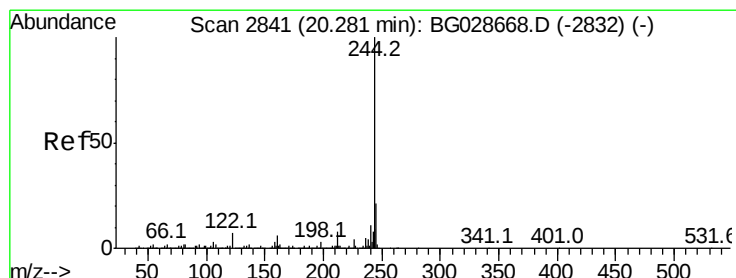
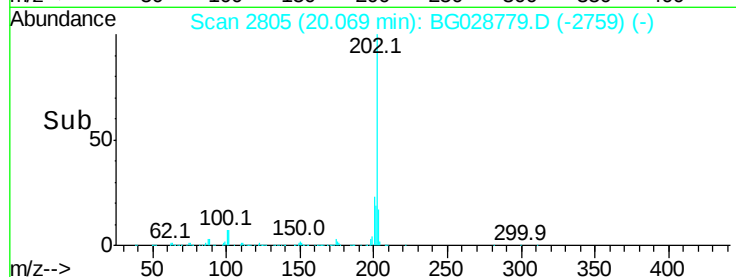
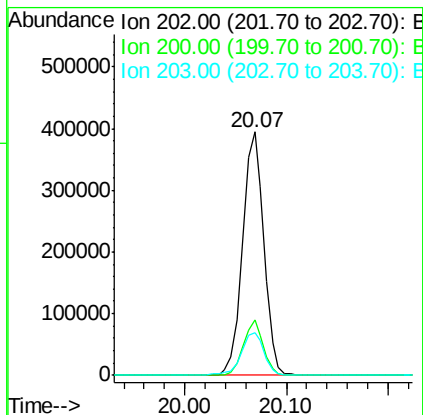
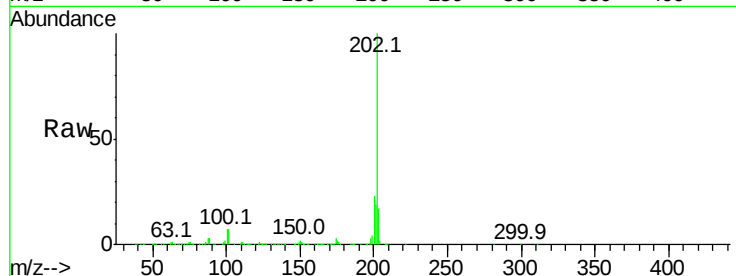
Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	571191
Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.6	29.4
203	17.3	15.8	23.8



#78

Terphenyl-d14

Concen: 64.721 ng

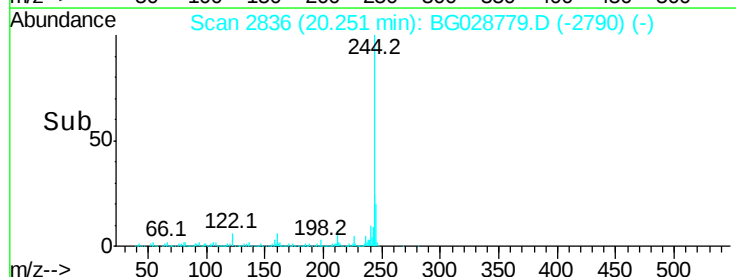
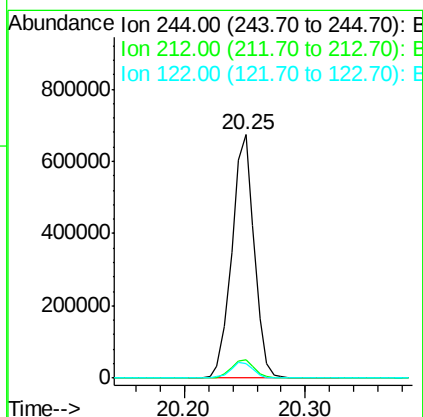
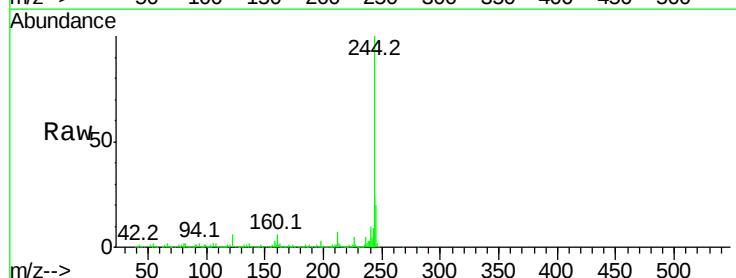
RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Tgt Ion:	244	Resp:	863922
Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	6.0	8.6	12.8#

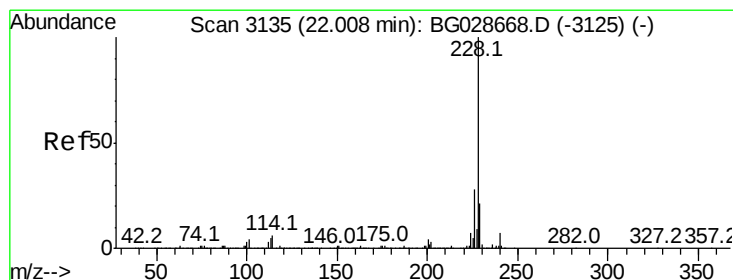
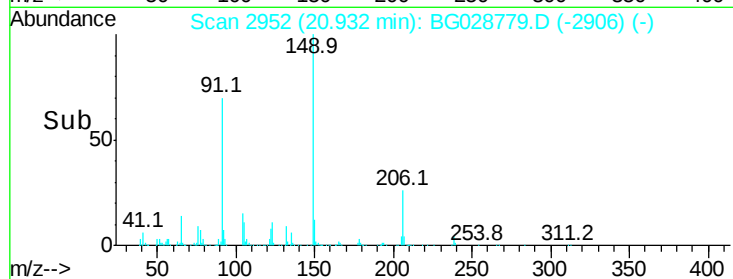
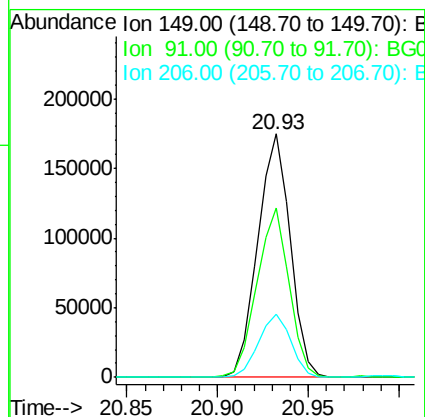
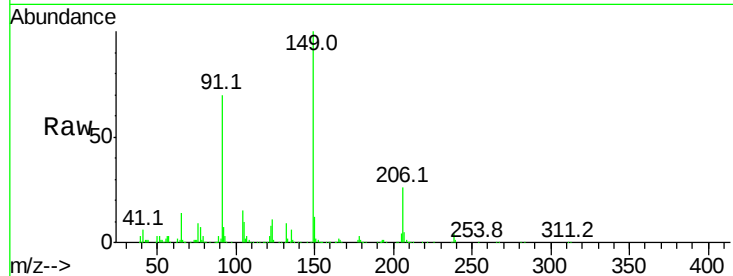




#79
Butylbenzylphthalate
Concen: 32.874 ng
RT: 20.93 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

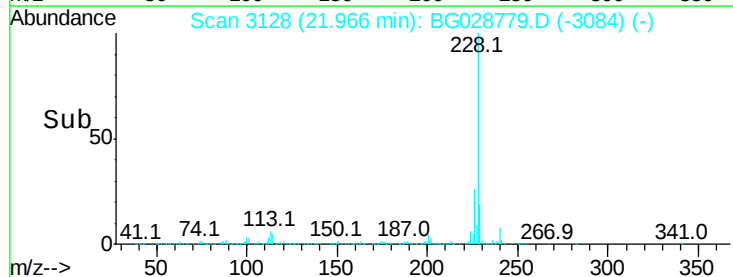
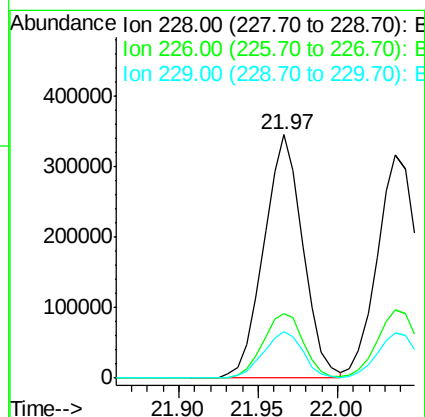
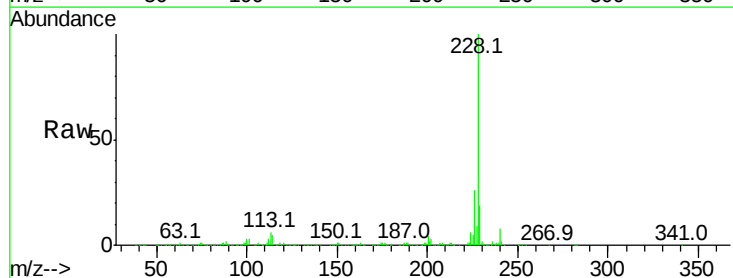
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	63.5	95.3
206	26.0	21.0	31.6



#80
Benzo(a)anthracene
Concen: 34.384 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG028779.D
Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.9	37.3
229	18.9	18.2	27.2

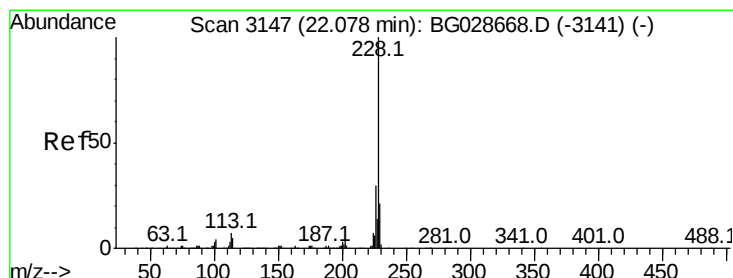
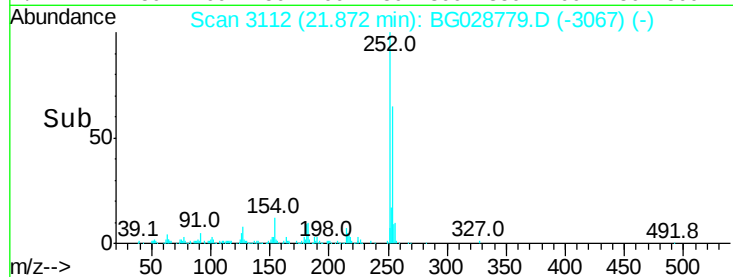
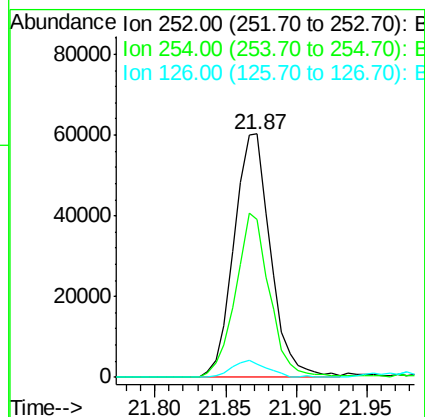
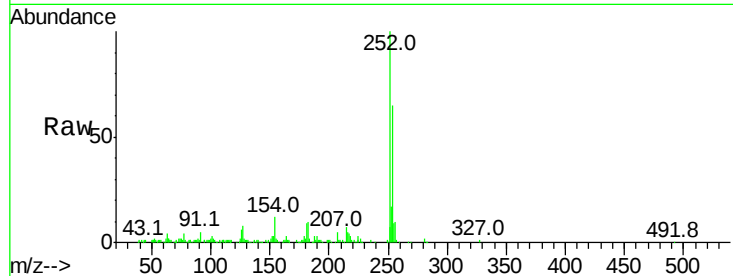




#81
 3,3'-Dichlorobenzidine
 Concen: 15.710 ng
 RT: 21.87 min Scan# 3112
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

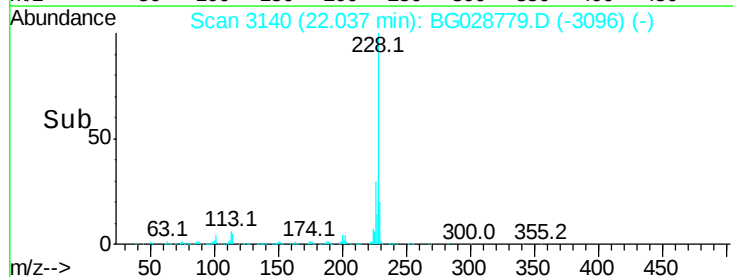
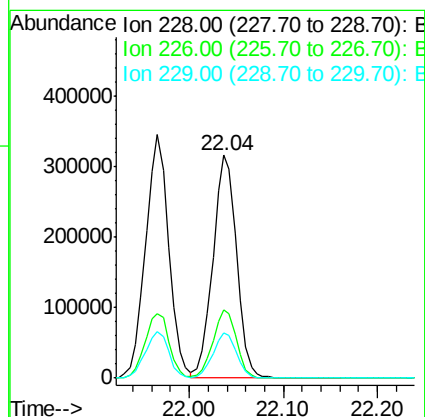
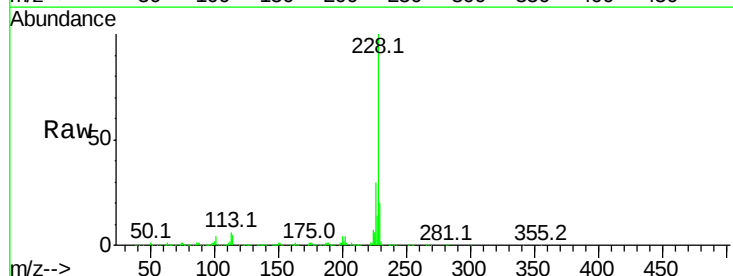
Instrument :
 BNA_G
 ClientSampleId :

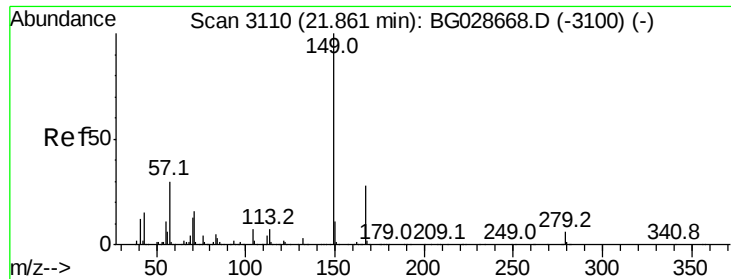
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	53.1	79.7
126	5.6	7.0	10.4



#82
 Chrysene
 Concen: 34.279 ng
 RT: 22.04 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	27.0	40.4
229	20.0	17.8	26.6

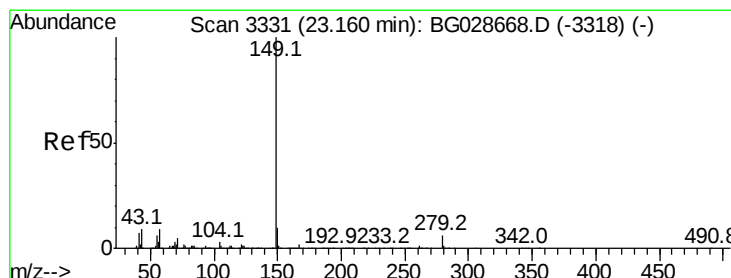
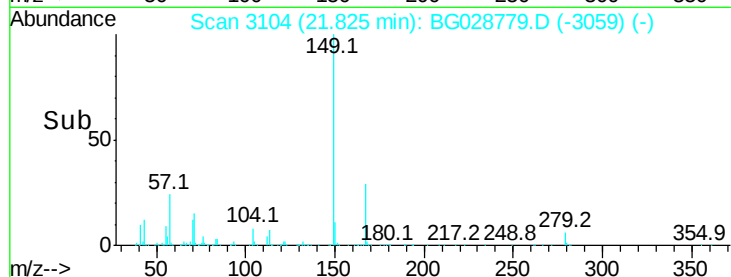
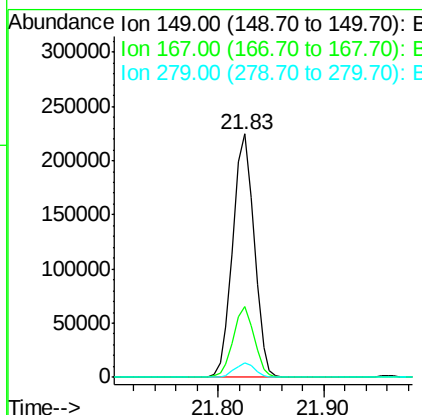
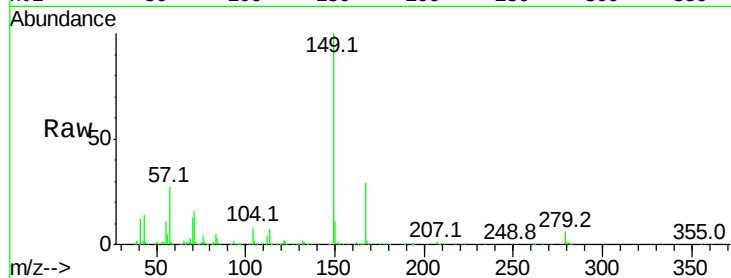




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.383 ng
 RT: 21.83 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

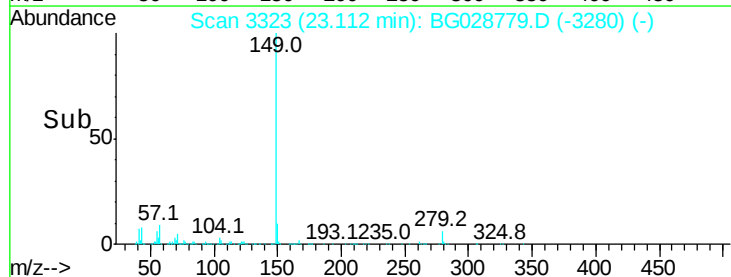
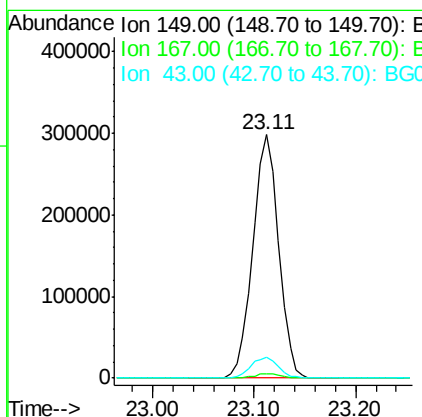
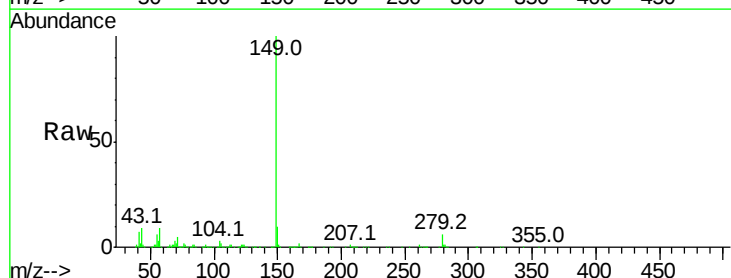
Instrument :
 BNA_G
 ClientSampleId :

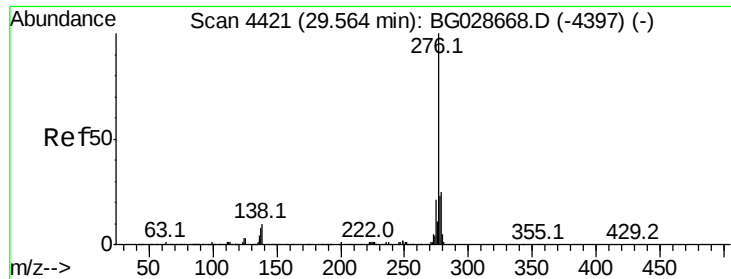
Tot Ion:149 Resp: 314714
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 5.8 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 31.998 ng
 RT: 23.11 min Scan# 3323
 Delta R.T. -0.05 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion:149 Resp: 527051
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 8.8 11.8 17.6#

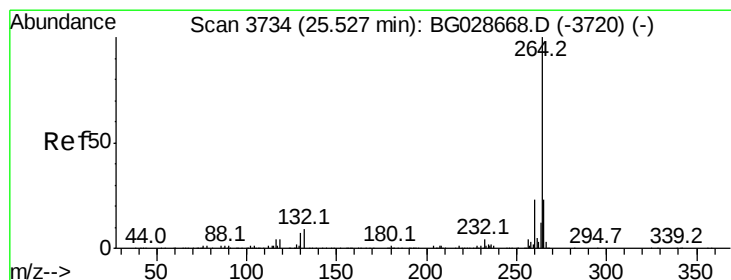
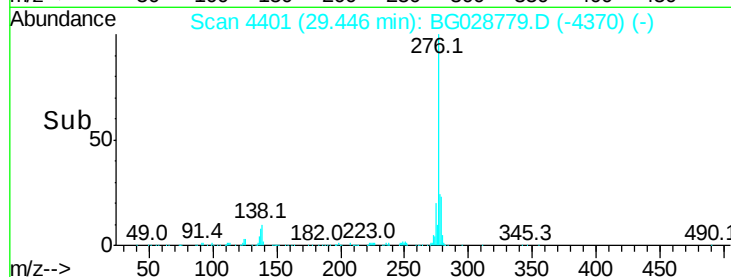
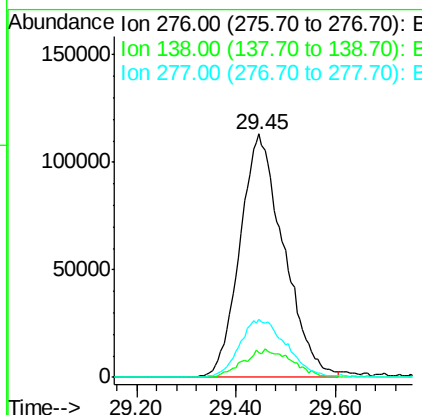
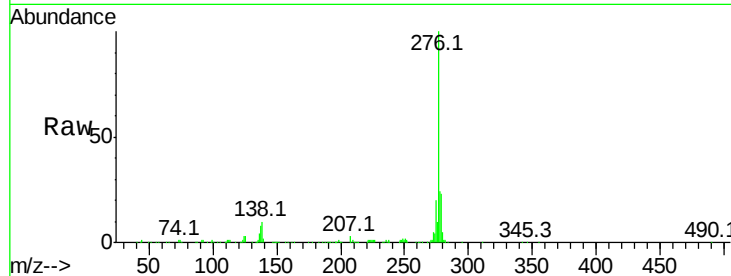




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.998 ng
 RT: 29.45 min Scan# 4401
 Delta R.T. -0.12 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

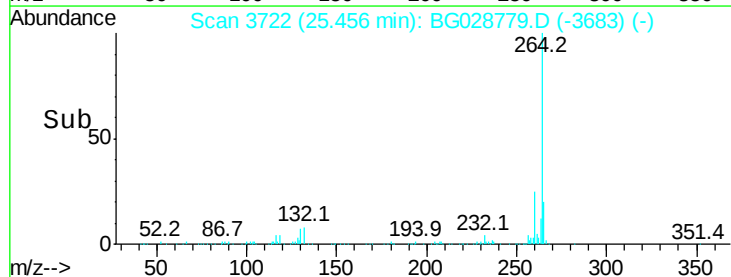
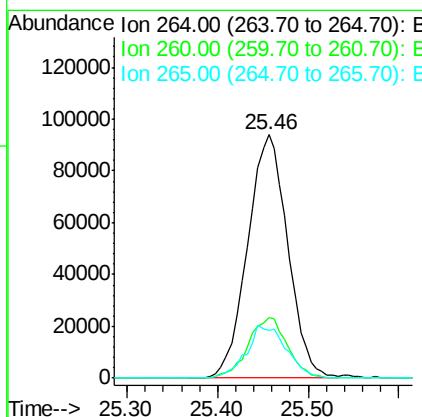
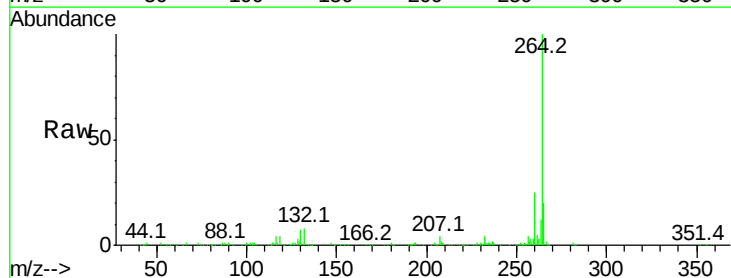
Instrument :
 BNA_G
 ClientSampleId :

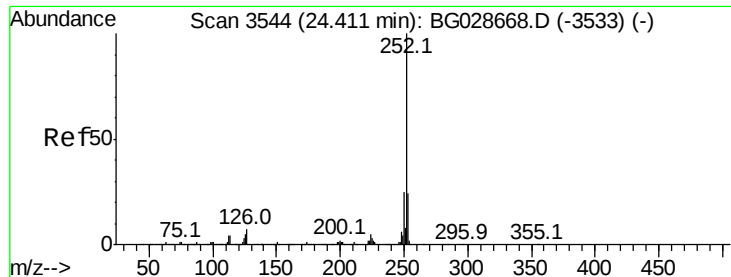
Tot Ion	Ratio	Lower	Upper
276	100		
138	5.3	4.7	7.1
277	25.5	20.6	31.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.46 min Scan# 3722
 Delta R.T. -0.07 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	19.6	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 34.915 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.07 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

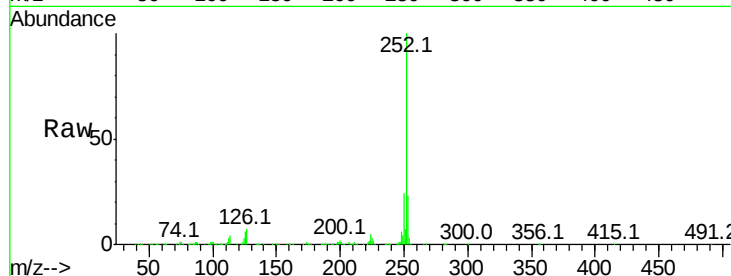
Tot Ion:252 Resp: 603641

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

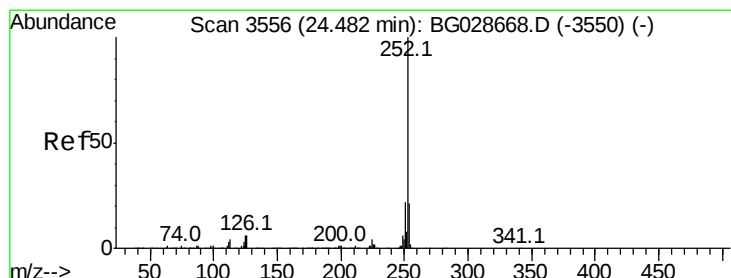
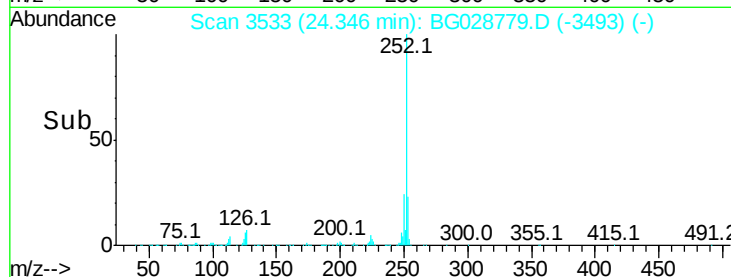
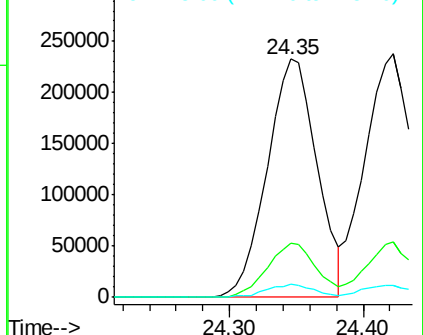
125 5.7 5.3 7.9



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



#88

Benzo(k)fluoranthene

Concen: 34.954 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.14 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

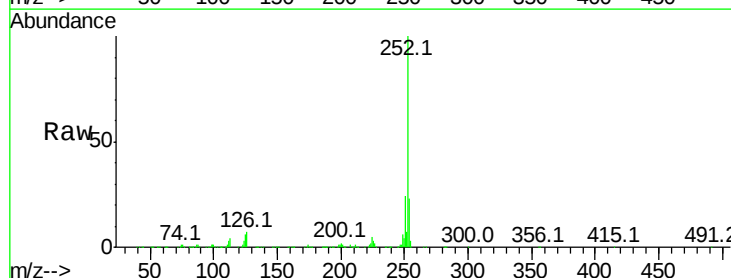
Tgt Ion:252 Resp: 603641

Ion Ratio Lower Upper

252 100

253 23.0 20.2 30.2

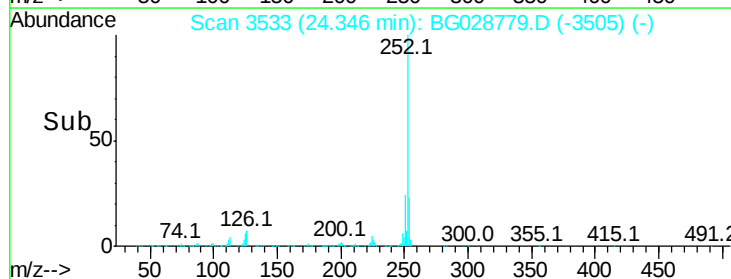
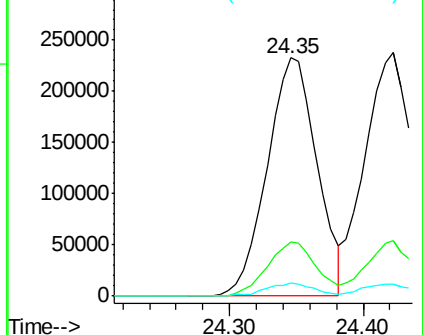
125 5.7 5.1 7.7

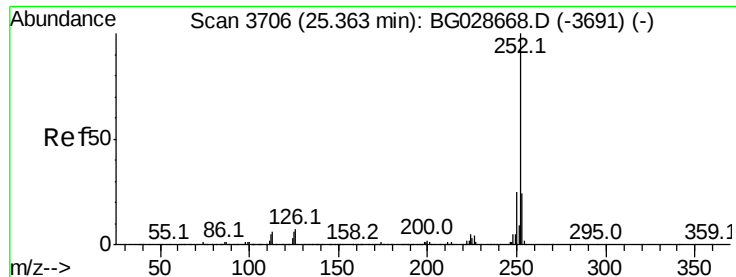


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.199 ng

RT: 25.30 min Scan# 3695

Delta R.T. -0.07 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

Instrument :

BNA_G

ClientSampleId :

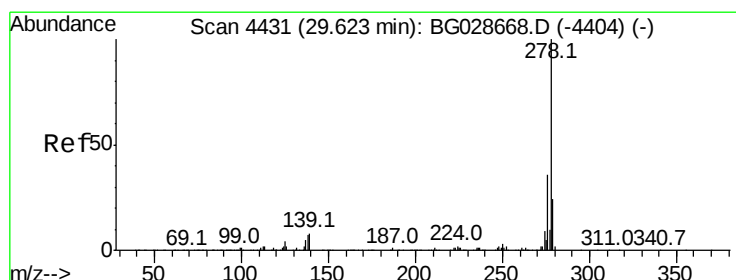
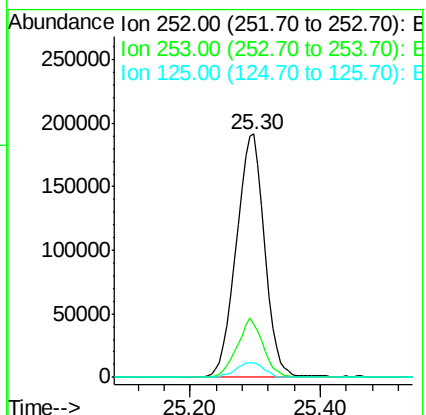
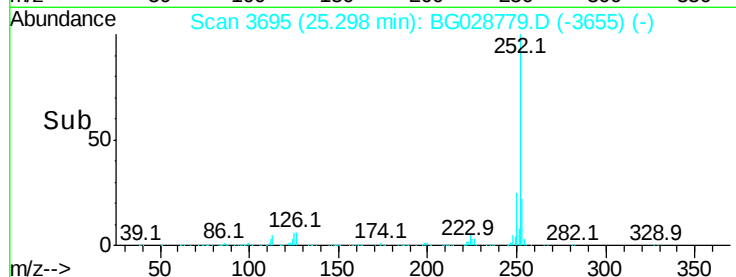
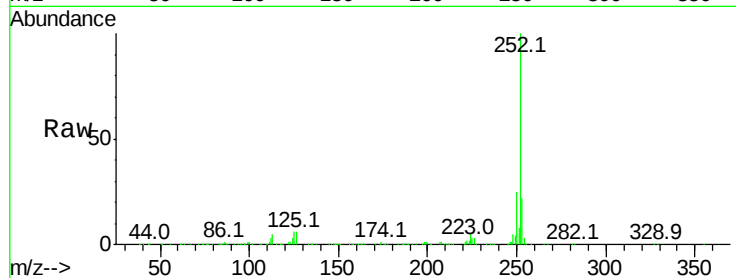
Tot Ion:252 Resp: 577637

Ion Ratio Lower Upper

252 100

253 21.5 19.2 28.8

125 5.8 5.4 8.0



#90

Dibenzo(a,h)anthracene

Concen: 34.055 ng

RT: 29.50 min Scan# 4410

Delta R.T. -0.12 min

Lab File: BG028779.D

Acq: 15 Sep 2017 22:39

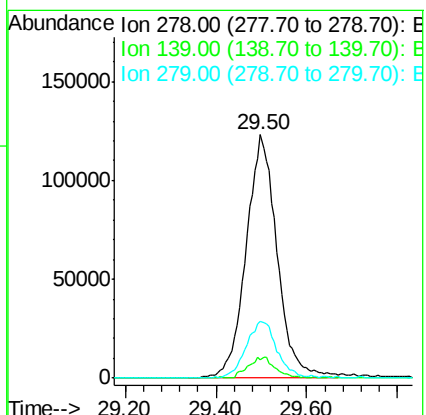
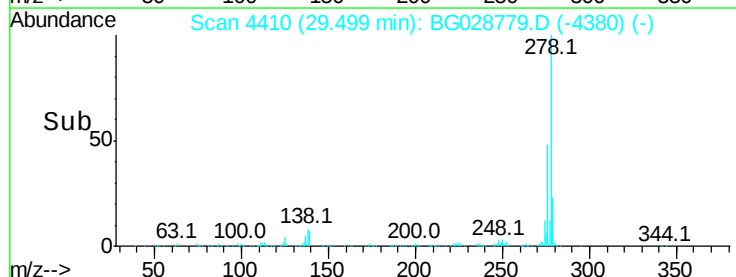
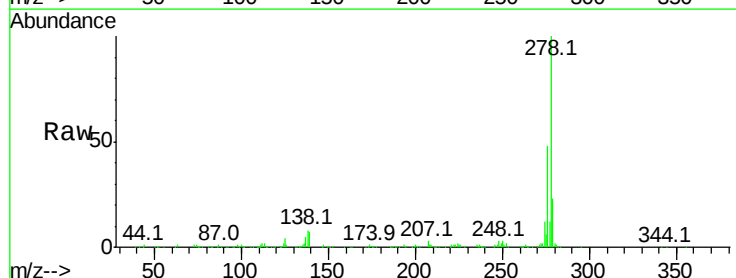
Tgt Ion:278 Resp: 582653

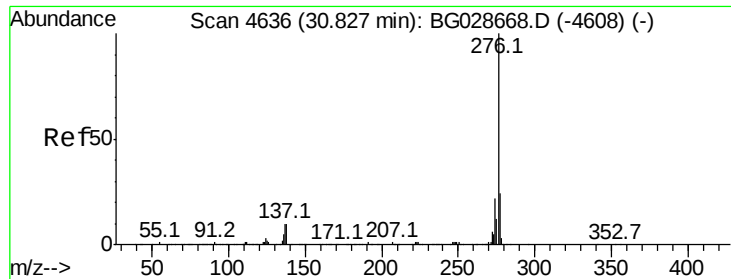
Ion Ratio Lower Upper

278 100

139 7.4 7.7 11.5#

279 23.4 19.1 28.7

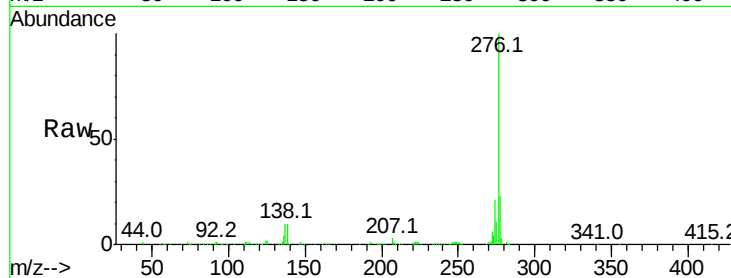




#91
 Benzo(a,h,i)perylene
 Concen: 34.809 ng
 RT: 30.69 min Scan# 4613
 Delta R.T. -0.14 min
 Lab File: BG028779.D
 Acq: 15 Sep 2017 22:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	10.4	8.1	12.1



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

