

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028639.D
 Acq On : 11 Sep 2017 13:17
 Operator : SJ/JU
 Sample : I5137-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:38:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36706	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	147360	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	101248	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	266465	20.00	ng	0.00
75) Chrysene-d12	22.03	240	327221	20.00	ng	0.00
86) Perylene-d12	25.53	264	305422	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	336817	154.50	ng	0.00
7) Phenol-d6	7.50	99	448816	141.94	ng	0.00
23) Nitrobenzene-d5	9.50	82	302144	94.15	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	255109	165.78	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	743978	96.13	ng	0.00
78) Terphenyl-d14	20.28	244	1303952	85.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	37271	41.796	ng	96
3) Pyridine	4.26	79	99860	36.063	ng	# 92
4) n-Nitrosodimethylamine	4.16	42	58086	44.018	ng	# 76
6) Aniline	7.67	93	101842	25.156	ng	96
8) 2-Chlorophenol	7.91	128	118284	48.066	ng	93
9) Benzaldehyde	7.48	77	19958	10.696	ng	93
10) Phenol	7.52	94	158231	46.197	ng	91
11) bis(2-Chloroethyl)ether	7.74	93	112738	44.766	ng	93
12) 1,3-Dichlorobenzene	8.22	146	120335	41.757	ng	94
13) 1,4-Dichlorobenzene	8.37	146	123314	43.398	ng	99
14) 1,2-Dichlorobenzene	8.69	146	119497	42.796	ng	99
15) Benzyl Alcohol	8.57	79	125257	49.972	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.85	45	212931	41.009	ng	95
17) 2-Methylphenol	8.77	107	108199	49.257	ng	94
18) Hexachloroethane	9.42	117	47098	42.191	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	103369	41.343	ng	89
20) 3+4-Methylphenols	9.11	107	144347	47.461	ng	93
22) Acetophenone	9.16	105	189417	46.269	ng	# 90
24) Nitrobenzene	9.55	77	155577	45.889	ng	95
25) Isophorone	10.06	82	282297	47.772	ng	99
26) 2-Nitrophenol	10.26	139	63277	45.005	ng	92
27) 2,4-Dimethylphenol	10.31	122	123600	48.674	ng	99
28) bis(2-Chloroethoxy)methane	10.54	93	155738	44.163	ng	98
29) 2,4-Dichlorophenol	10.80	162	124538	49.954	ng	96
30) 1,2,4-Trichlorobenzene	11.01	180	134989	44.004	ng	99
31) Naphthalene	11.20	128	360877	45.116	ng	100
32) Benzoic acid	10.47	122	71058	44.413	ng	90
33) 4-Chloroaniline	11.32	127	33281	9.870	ng	# 91
34) Hexachlorobutadiene	11.47	225	96814	43.677	ng	99
36) 4-Chloro-3-methylphenol	12.42	107	154066	48.536	ng	95
37) 2-Methylnaphthalene	12.79	142	274201	46.492	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	171738	43.669	ng	98
40) Hexachlorocyclopentadiene	13.12	237	177622	100.510	ng	94
42) 2,4,6-Trichlorophenol	13.39	196	115432	45.950	ng	93

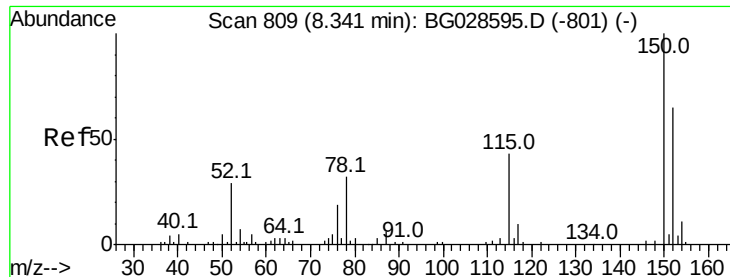
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028639.D
 Acq On : 11 Sep 2017 13:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.47	196	127088	50.624	ng	92
45) 1,1'-Biphenyl	13.78	154	366355	43.096	ng	98
46) 2-Chloronaphthalene	13.83	162	286859	44.427	ng	97
47) 2-Nitroaniline	14.03	65	116120	44.109	ng	# 88
48) Acenaphthylene	14.67	152	461871	46.644	ng	98
49) Dimethylphthalate	14.39	163	405546	48.614	ng	99
50) 2,6-Dinitrotoluene	14.52	165	91916	50.294	ng	90
51) Acenaphthene	15.01	154	280711	46.291	ng	97
52) 3-Nitroaniline	14.86	138	44233	23.963	ng	# 96
53) 2,4-Dinitrophenol	15.07	184	111275	96.204	ng	94
54) Dibenzofuran	15.34	168	487498	52.008	ng	95
55) 4-Nitrophenol	15.17	139	124523	94.672	ng	# 77
56) 2,4-Dinitrotoluene	15.31	165	130496	49.543	ng	# 85
57) Fluorene	15.99	166	408604	47.688	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	130530	58.220	ng	# 94
59) Diethylphthalate	15.74	149	426894	48.839	ng	97
60) 4-Chlorophenyl-phenylether	15.97	204	229823	47.492	ng	91
61) 4-Nitroaniline	16.02	138	89918	44.997	ng	# 85
62) Azobenzene	16.27	77	395219	50.624	ng	92
64) 4,6-Dinitro-2-methylphenol	16.08	198	85120	44.980	ng	94
65) n-Nitrosodiphenylamine	16.19	169	357141	45.387	ng	98
66) 4-Bromophenyl-phenylether	16.87	248	159329	46.049	ng	97
67) Hexachlorobenzene	17.00	284	170082	44.667	ng	# 91
68) Atrazine	17.13	200	148131	52.189	ng	95
69) Pentachlorophenol	17.35	266	187324	105.700	ng	96
70) Phenanthrene	17.74	178	671181	47.366	ng	95
71) Anthracene	17.83	178	689275	47.832	ng	98
72) Carbazole	18.10	167	620212	48.109	ng	95
73) Di-n-butylphthalate	18.62	149	736956	47.075	ng	# 95
74) Fluoranthene	19.74	202	851928	47.092	ng	94
76) Benzidine	19.91	184	109922	16.535	ng	# 93
77) Pyrene	20.10	202	875123	45.090	ng	94
79) Butylbenzylphthalate	20.96	149	344649	45.908	ng	94
80) Benzo(a)anthracene	22.01	228	914454	46.674	ng	94
81) 3,3'-Dichlorobenzidine	21.91	252	205510	27.300	ng	# 97
82) Chrysene	22.08	228	856956	46.381	ng	95
83) Bis(2-ethylhexyl)phthalate	21.86	149	490908	45.384	ng	100
84) Di-n-octyl phthalate	23.16	149	849020	45.794	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.57	276	1073147	49.027	ng	# 96
87) Benzo(b)fluoranthene	24.42	252	932460	48.742	ng	97
88) Benzo(k)fluoranthene	24.49	252	895766	48.493	ng	95
89) Benzo(a)pyrene	25.37	252	884617	49.299	ng	97
90) Dibenzo(a,h)anthracene	29.63	278	912587	49.013	ng	98
91) Benzo(g,h,i)perylene	30.84	276	883693	48.392	ng	97

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

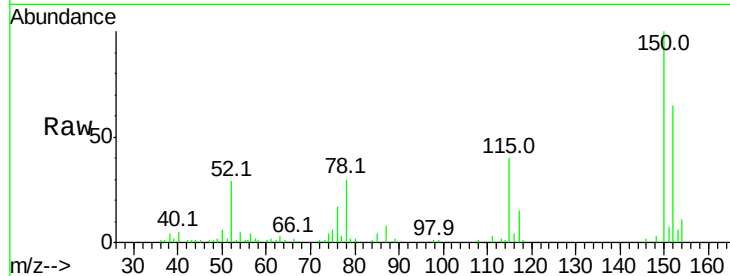


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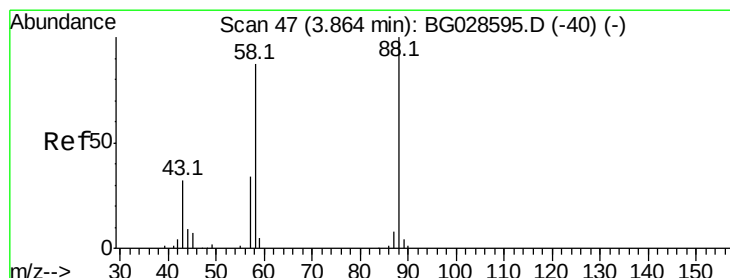
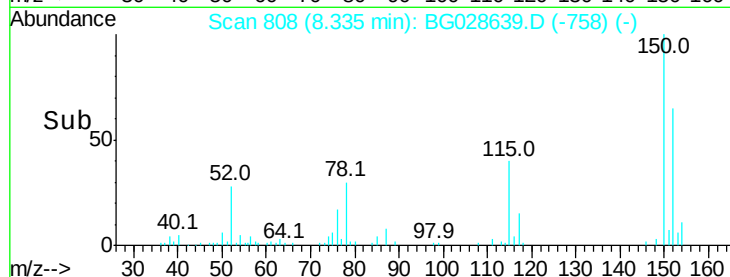
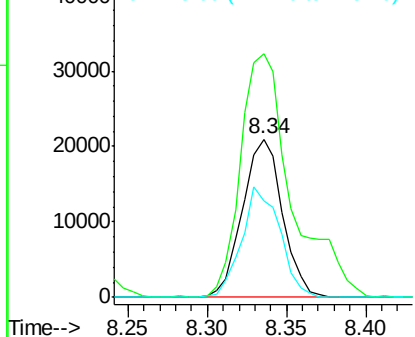
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36706
Ion Ratio Lower Upper
152 100
150 153.7 114.0 171.0
115 60.8 48.1 72.1



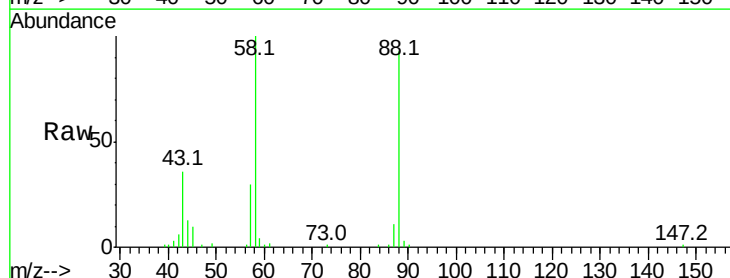
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



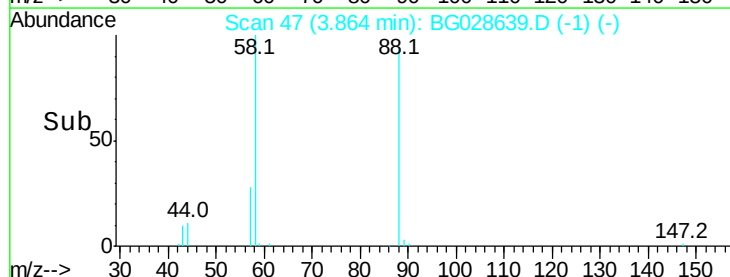
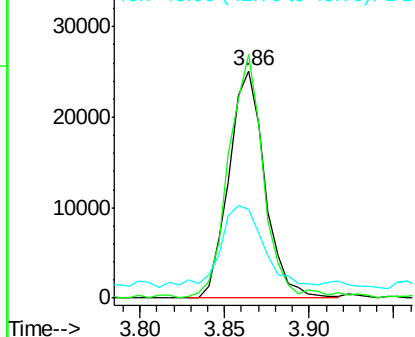
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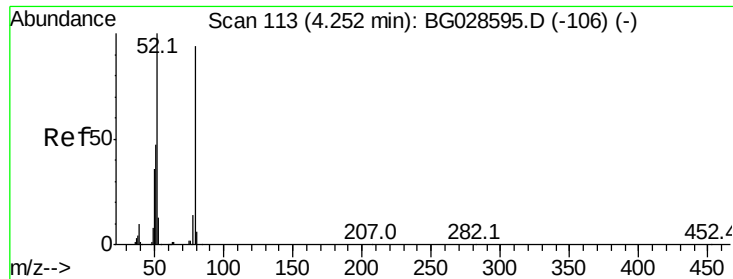
1,4-Dioxane
Concen: 41.796 ng
RT: 3.86 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion: 88 Resp: 37271
Ion Ratio Lower Upper
88 100
58 104.9 79.4 119.2
43 42.7 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: 36.063 ng

RT: 4.26 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

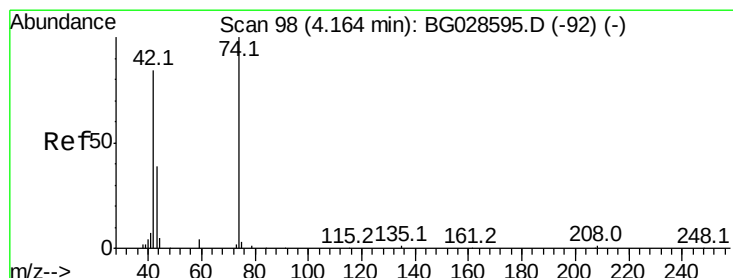
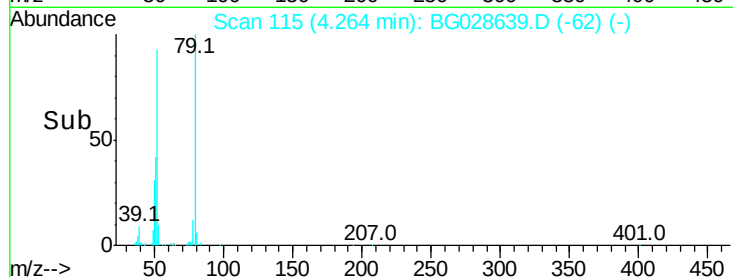
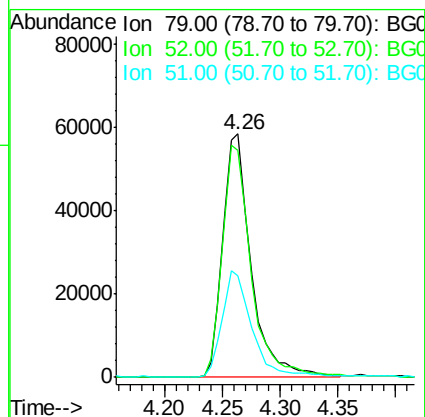
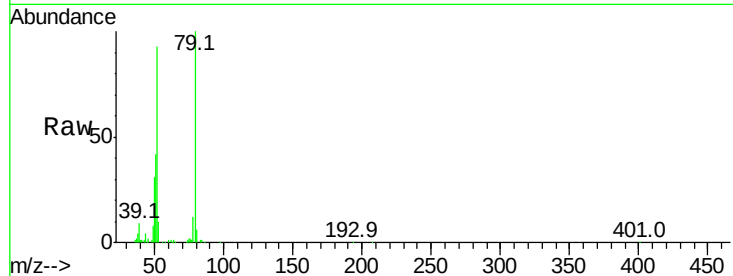
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 99860

Ion	Ratio	Lower	Upper
79	100		
52	93.5	77.8	116.6
51	41.9	43.2	64.8#



#4

n-Nitrosodimethylamine

Concen: 44.018 ng

RT: 4.16 min Scan# 97

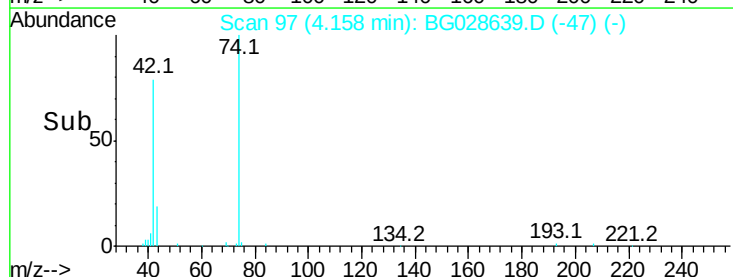
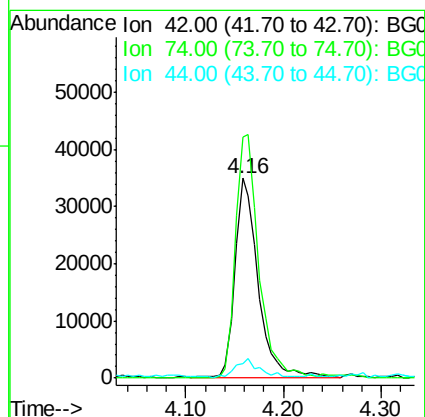
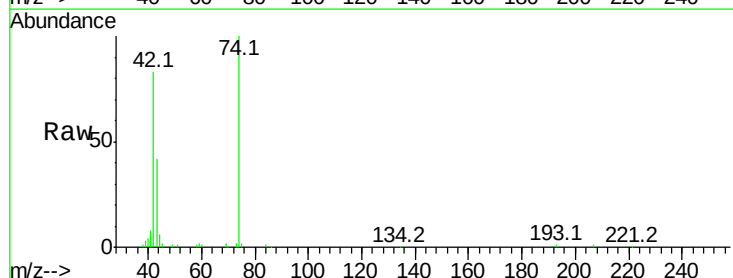
Delta R.T. -0.01 min

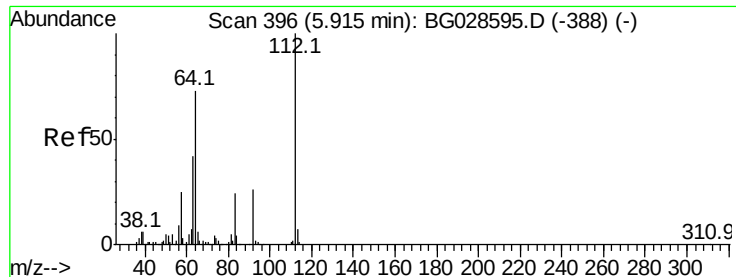
Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion: 42 Resp: 58086

Ion	Ratio	Lower	Upper
42	100		
74	120.8	76.7	115.1#
44	7.0	6.1	9.1





#5

2-Fluorophenol

Concen: 154.501 ng

RT: 5.91 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

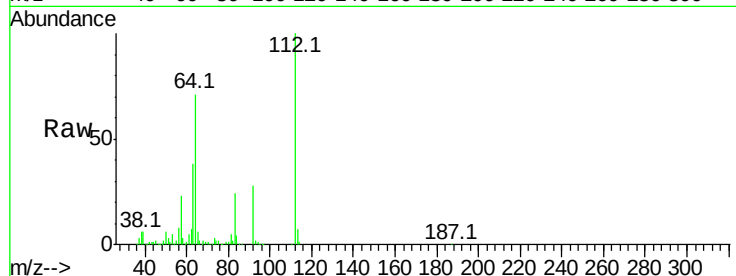
Tot Ion:112 Resp: 336817

Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

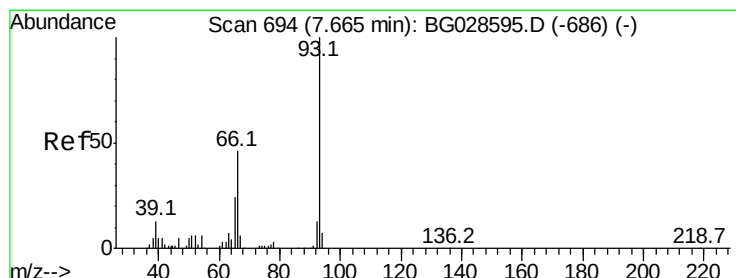
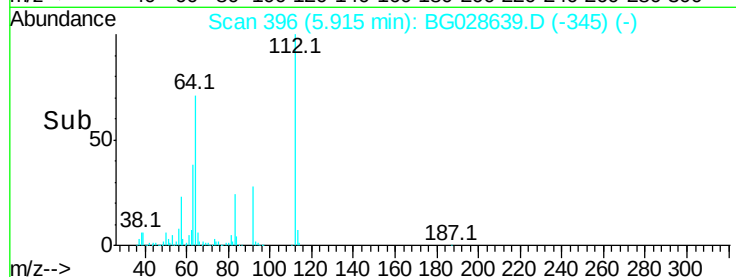
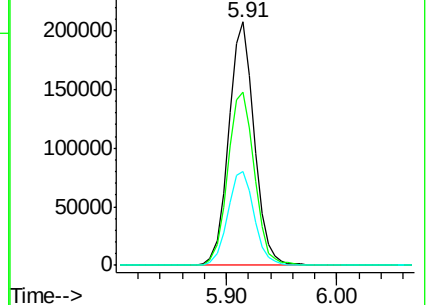
63 38.4 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.156 ng

RT: 7.67 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

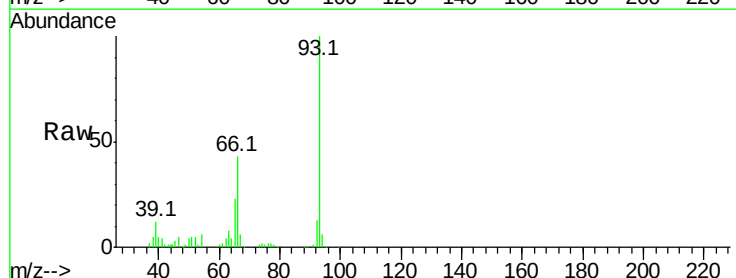
Tgt Ion: 93 Resp: 101842

Ion Ratio Lower Upper

93 100

66 42.6 35.4 53.2

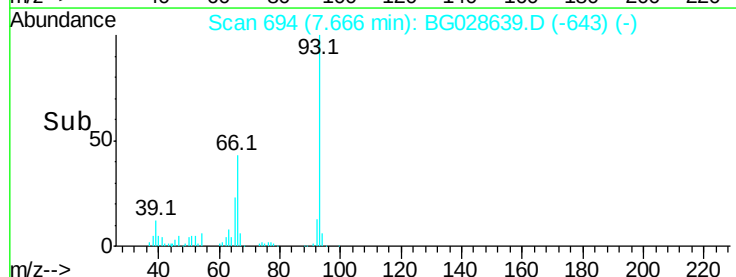
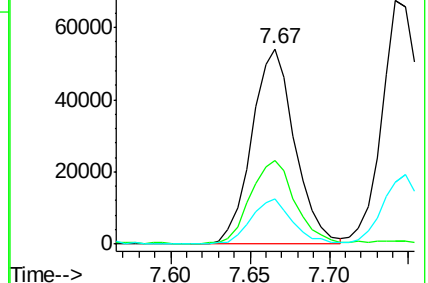
65 22.8 21.2 31.8

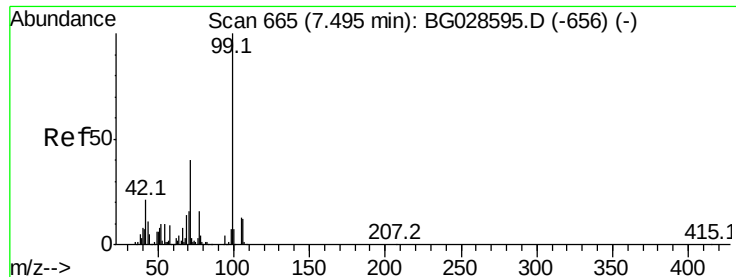


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.936 ng

RT: 7.50 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

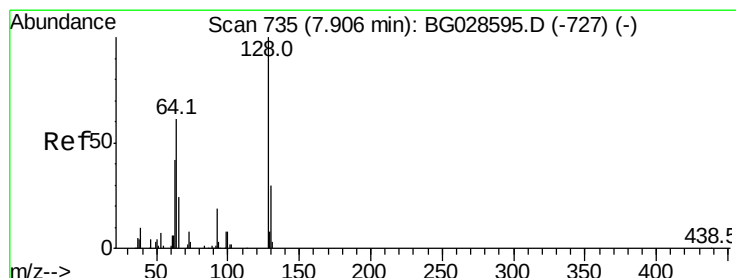
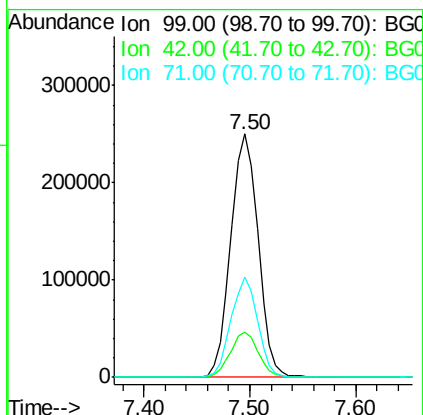
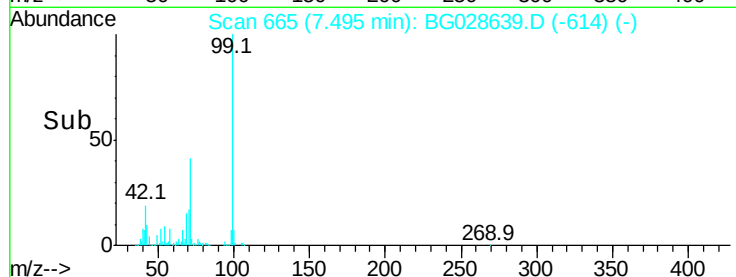
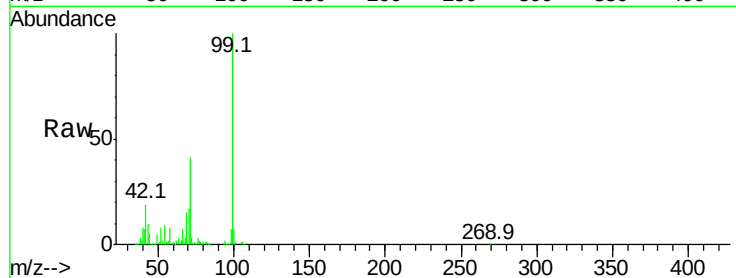
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 448816

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.5	30.7#
71	41.1	37.6	56.4



#8

2-Chlorophenol

Concen: 48.066 ng

RT: 7.91 min Scan# 735

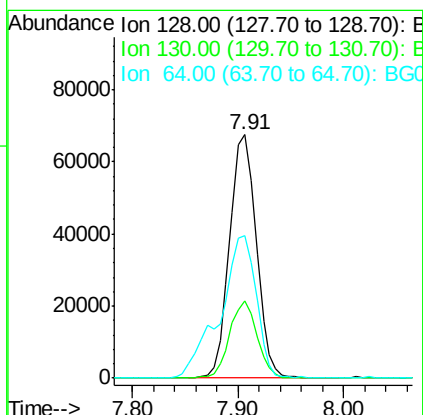
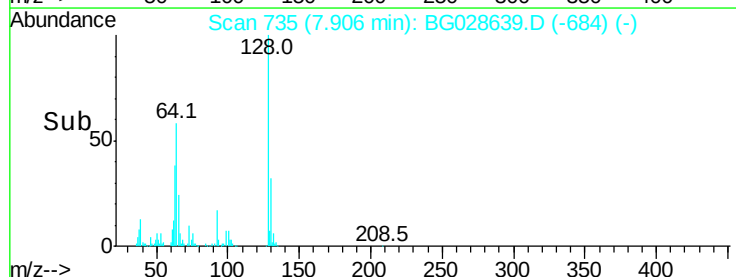
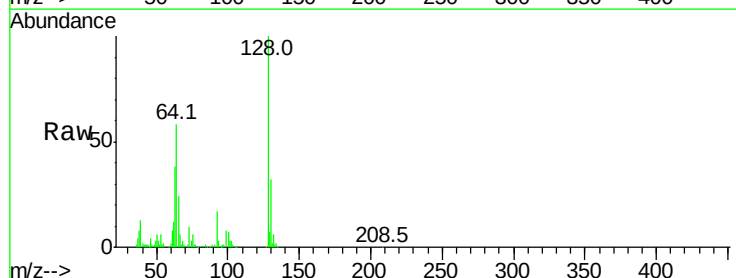
Delta R.T. 0.00 min

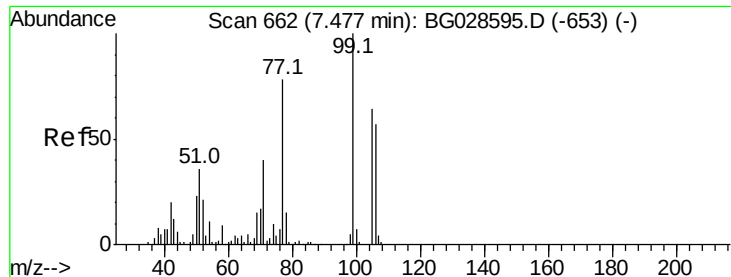
Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion: 128 Resp: 118284

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.4	51.4
64	58.3	46.6	86.6





#9

Benzaldehyde

Concen: 10.696 ng

RT: 7.48 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampled :

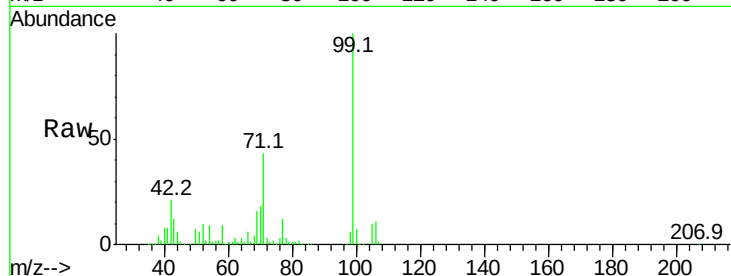
Tot Ion: 77 Resp: 19958

Ion Ratio Lower Upper

77 100

105 81.0 60.9 100.9

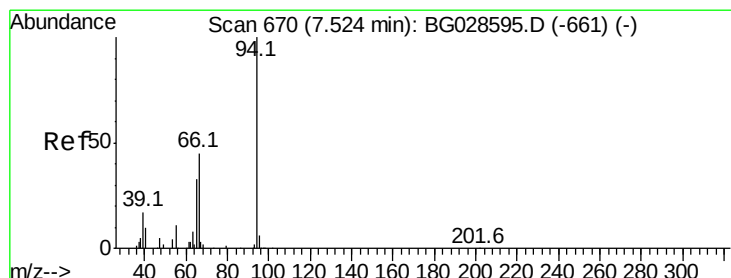
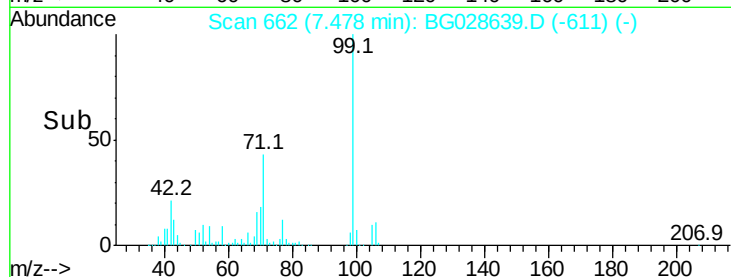
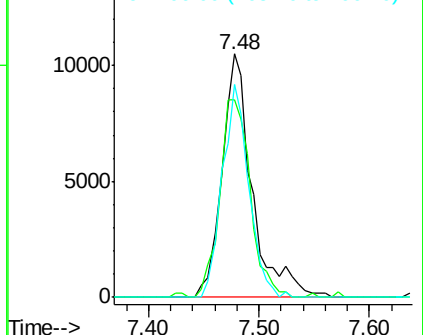
106 87.5 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.197 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

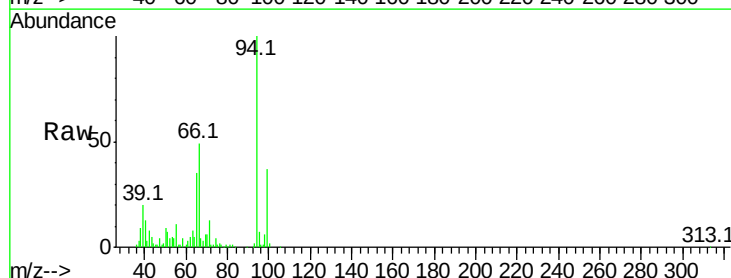
Tgt Ion: 94 Resp: 158231

Ion Ratio Lower Upper

94 100

65 35.0 20.6 60.6

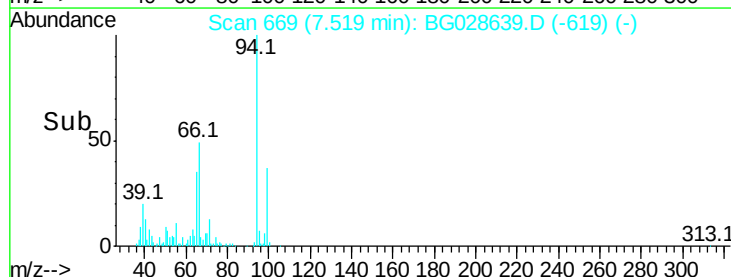
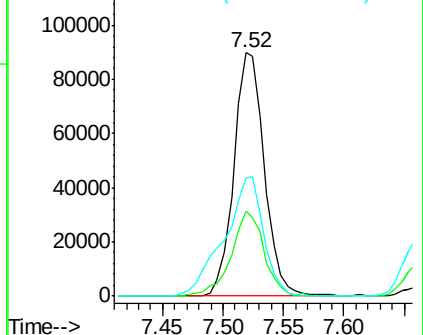
66 48.6 35.5 75.5

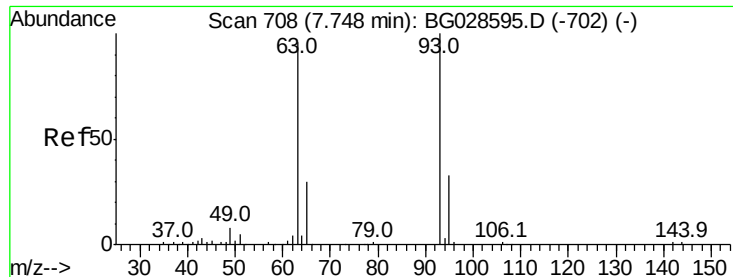


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.766 ng

RT: 7.74 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

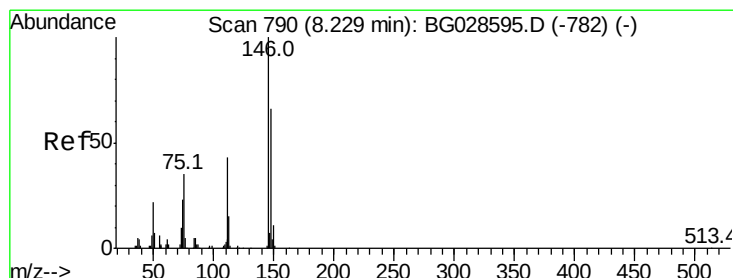
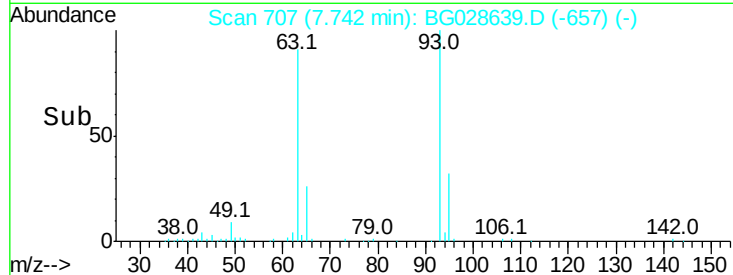
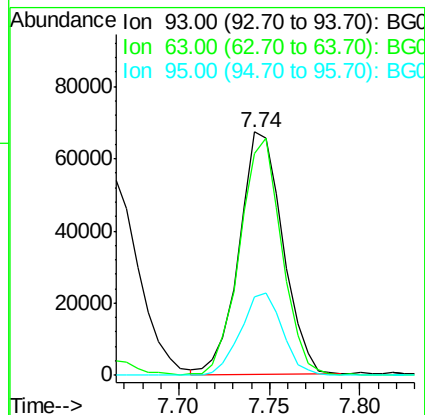
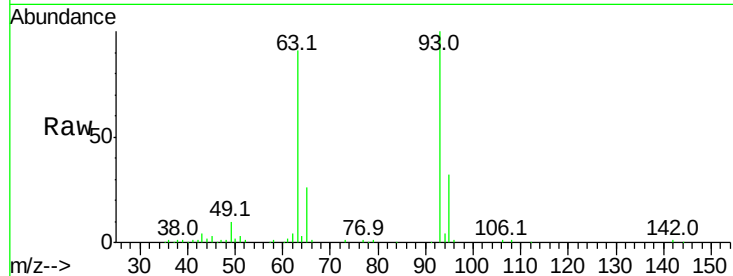
Tot Ion: 93 Resp: 112738

Ion Ratio Lower Upper

93 100

63 91.3 78.5 118.5

95 32.3 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 41.757 ng

RT: 8.22 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

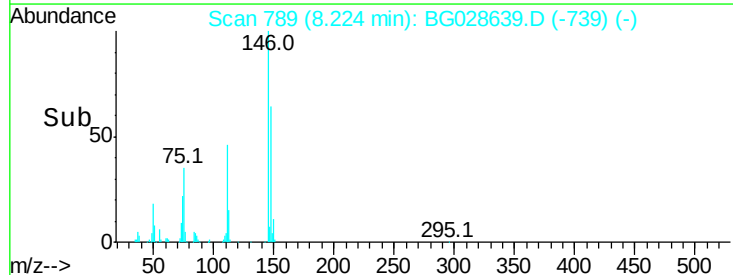
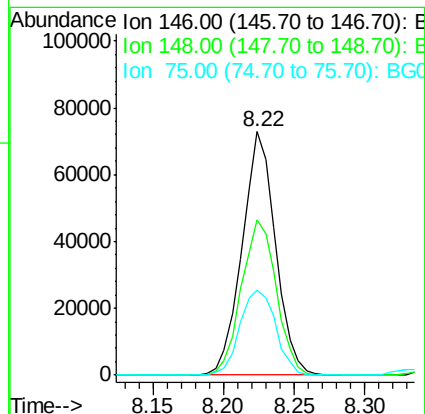
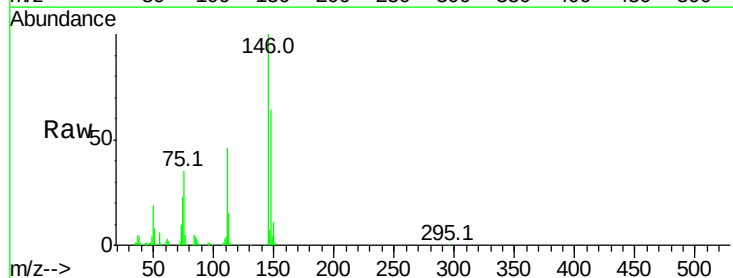
Tgt Ion: 146 Resp: 120335

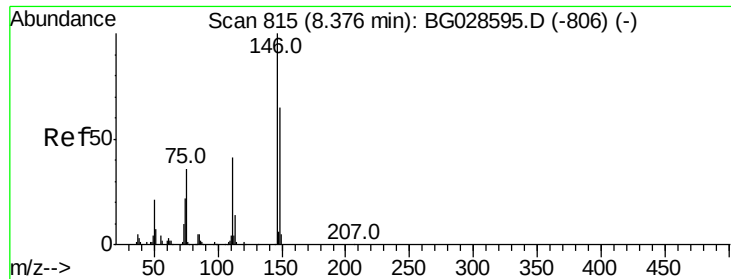
Ion Ratio Lower Upper

146 100

148 63.8 49.2 73.8

75 35.1 33.4 50.2

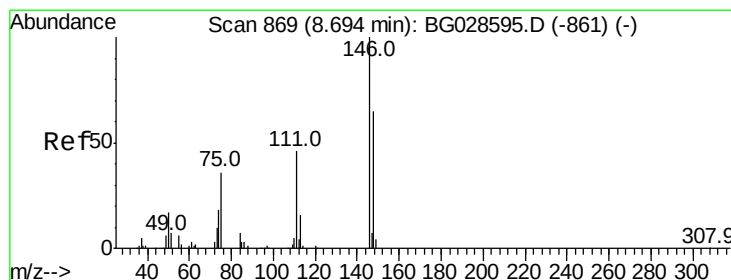
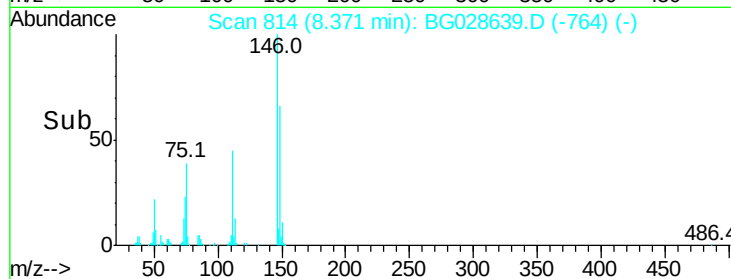
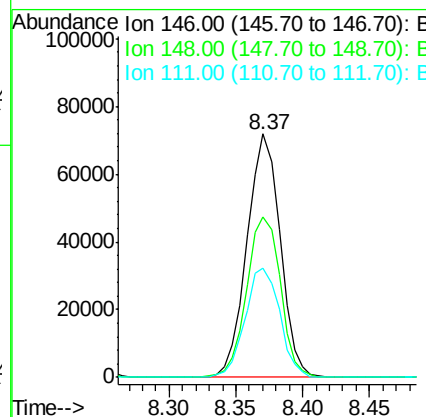
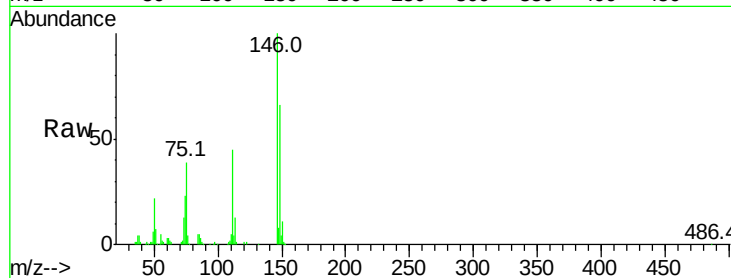




#13
1,4-Dichlorobenzene
Concen: 43.398 ng
RT: 8.37 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

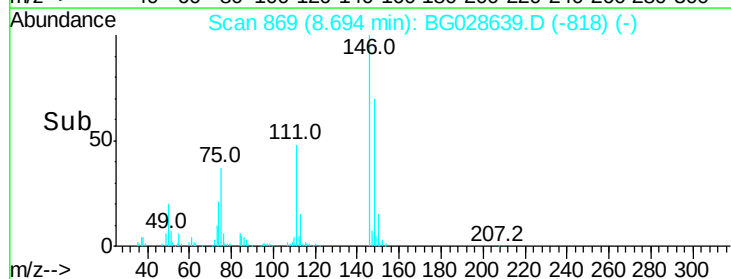
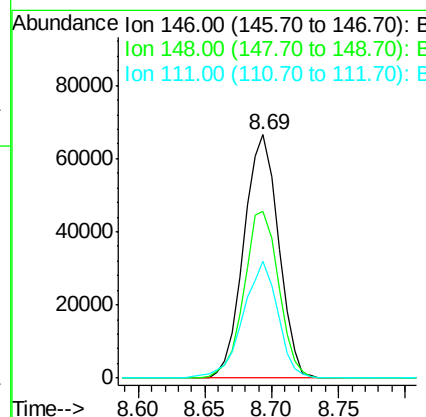
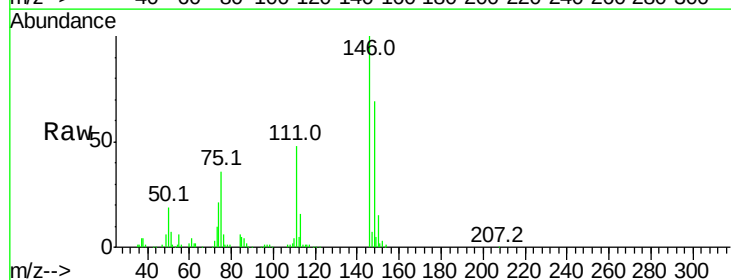
Instrument :
BNA_G
ClientSampleId :

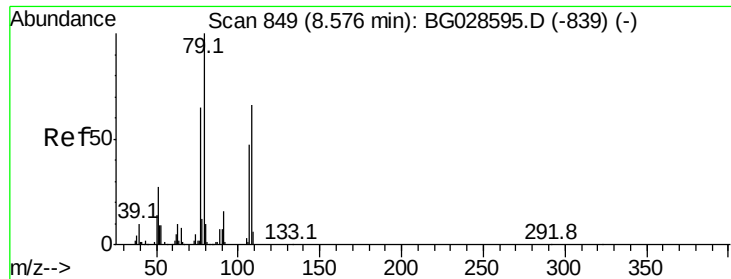
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.2	78.2
111	44.6	37.0	55.6



#14
1,2-Dichlorobenzene
Concen: 42.796 ng
RT: 8.69 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.6	81.8
111	48.1	39.7	59.5

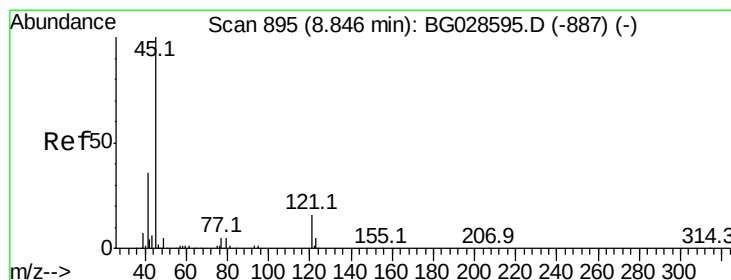
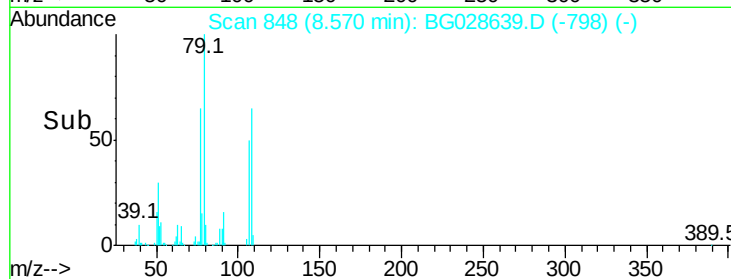
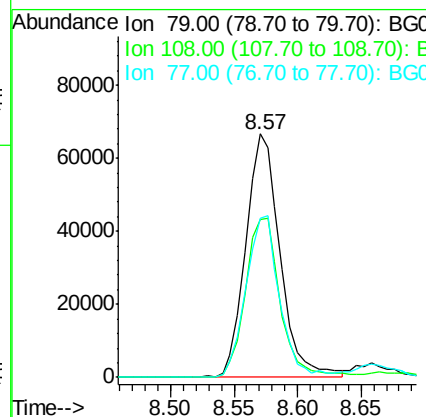
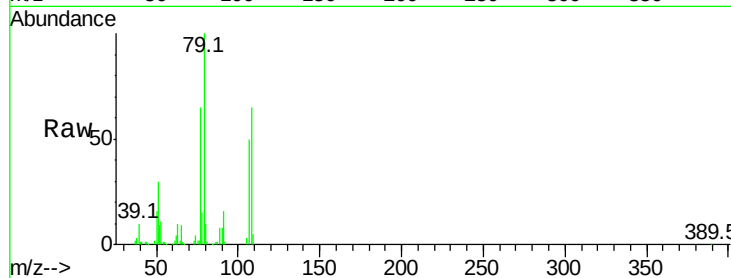




#15
Benzyl Alcohol
Concen: 49.972 ng
RT: 8.57 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

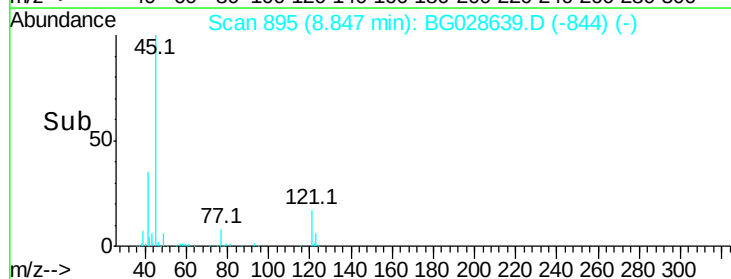
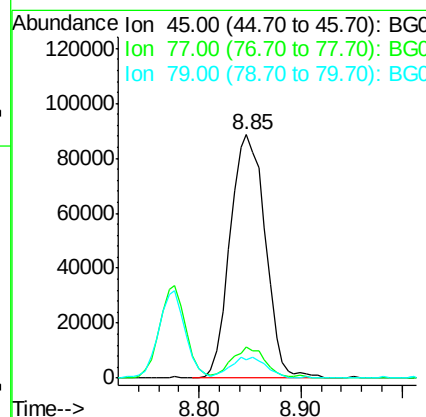
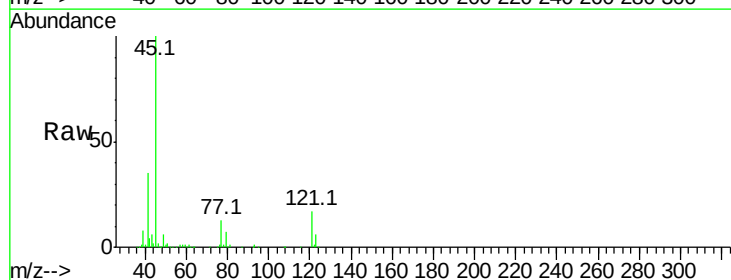
Instrument :
BNA_G
ClientSampleId :

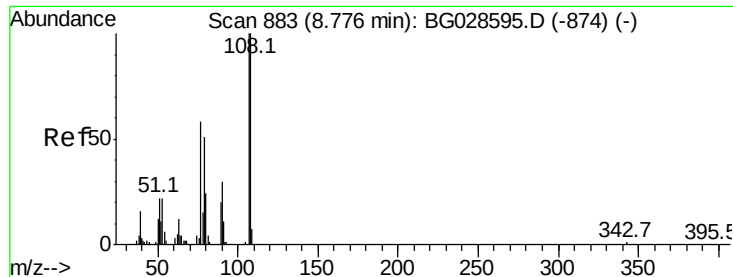
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.6	45.5	68.3
77	65.5	54.3	81.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.009 ng
RT: 8.85 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.6
79	7.3	0.0	28.5





#17

2-Methylphenol

Concen: 49.257 ng

RT: 8.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 108199

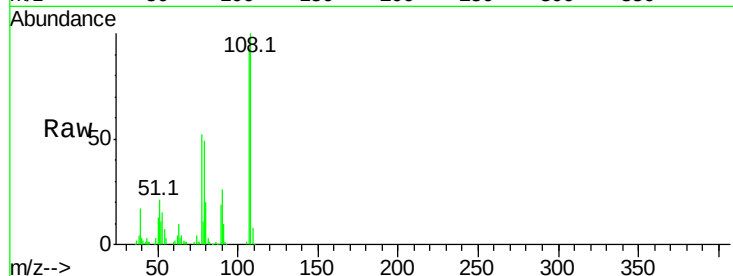
Ion Ratio Lower Upper

107 100

108 107.8 85.6 128.4

77 56.4 51.4 77.2

79 52.6 49.2 73.8

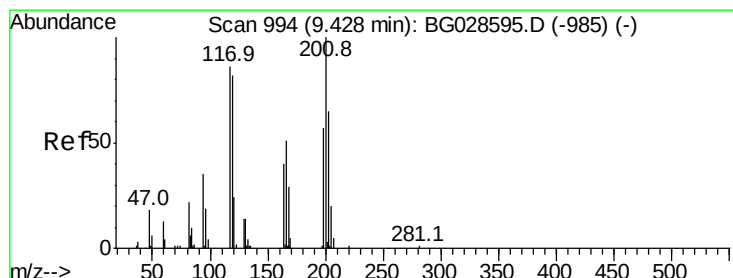
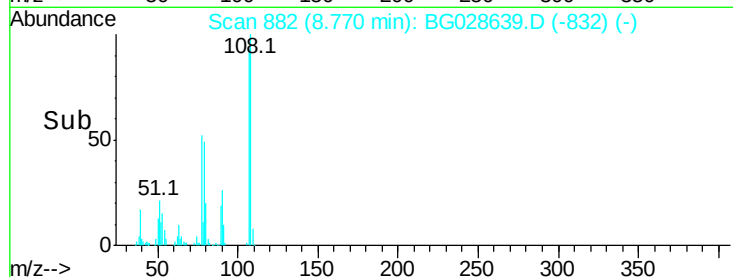
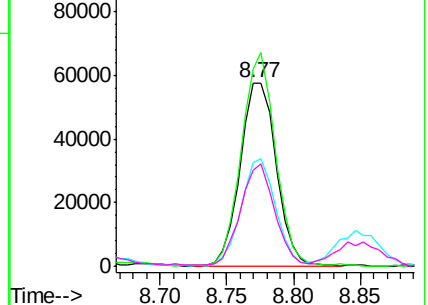


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.191 ng

RT: 9.42 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

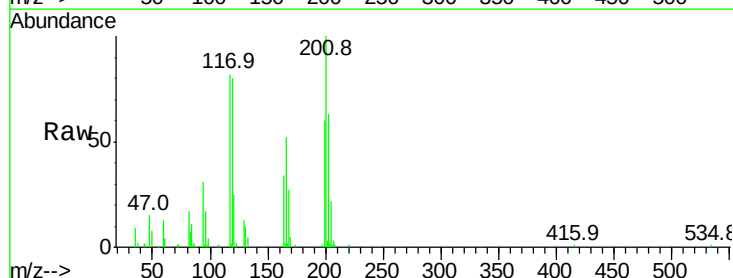
Tgt Ion:117 Resp: 47098

Ion Ratio Lower Upper

117 100

119 97.4 69.8 104.6

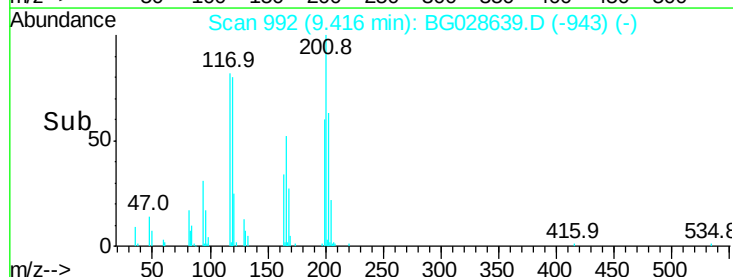
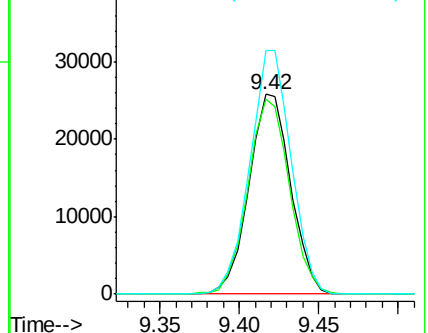
201 121.9 95.4 143.0

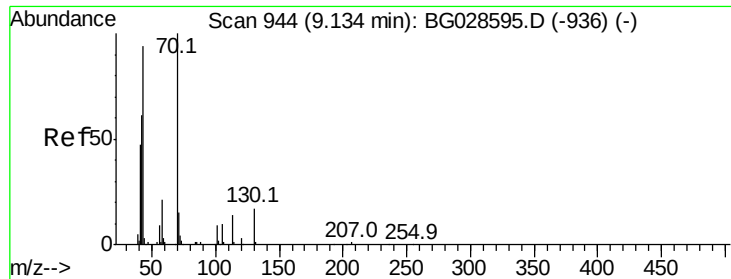


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

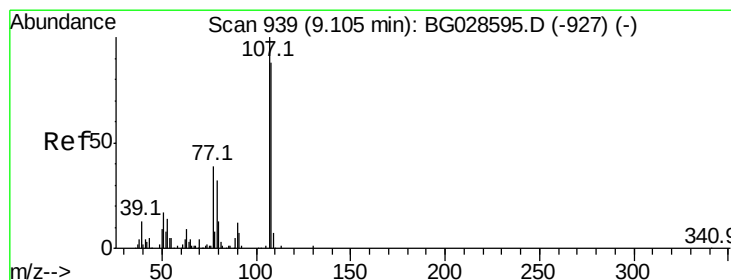
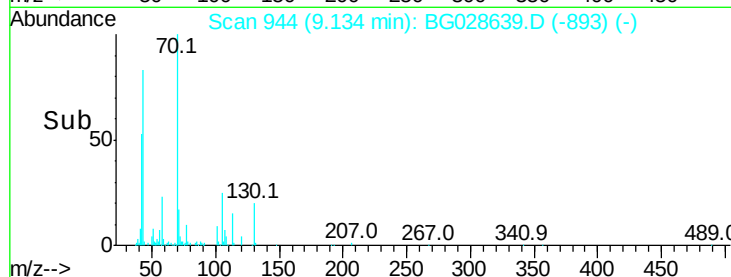
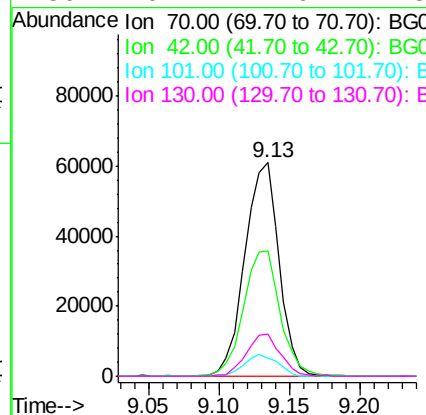
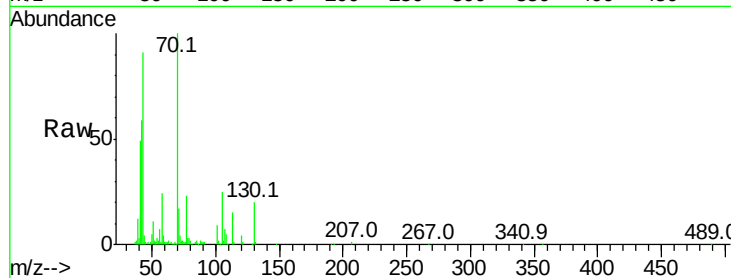




#19
n-Nitroso-di-n-propylamine
Concen: 41.343 ng
RT: 9.13 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

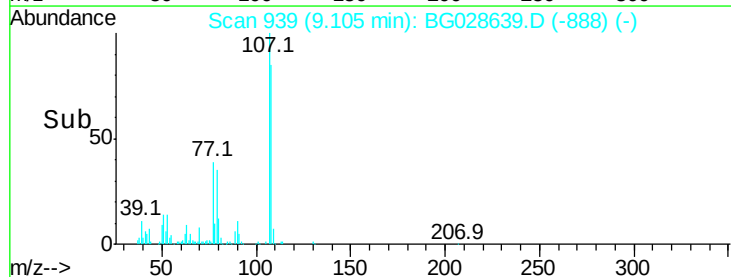
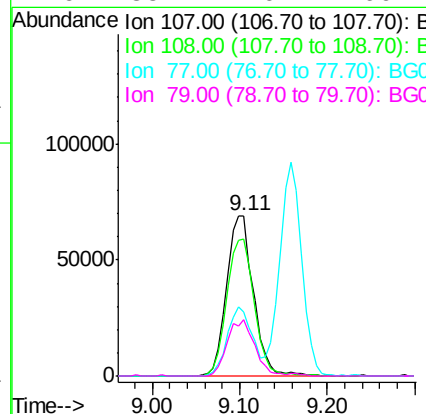
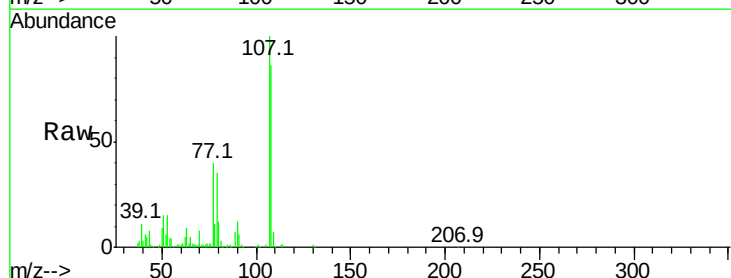
Instrument :
BNA_G
ClientSampleId :

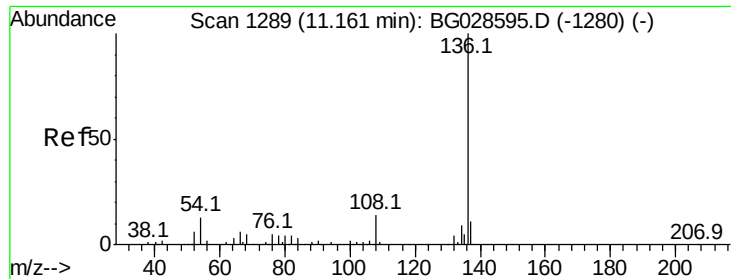
Tot Ion:	70	Resp:	103369
Ion	Ratio	Lower	Upper
70	100		
42	58.9	56.1	84.1
101	8.5	7.5	11.3
130	19.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 47.461 ng
RT: 9.11 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:	107	Resp:	144347
Ion	Ratio	Lower	Upper
107	100		
108	85.6	70.8	110.8
77	39.9	25.8	65.8
79	35.4	20.1	60.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.16 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 147360

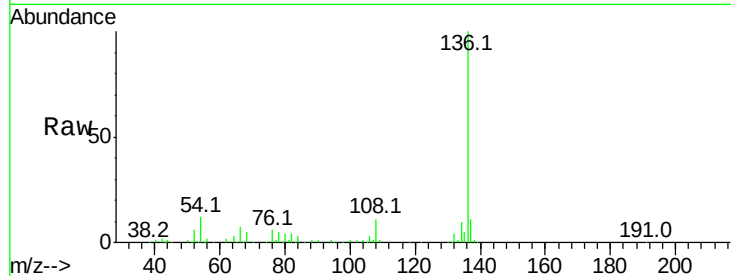
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.6 9.3 13.9

68 5.5 5.1 7.7

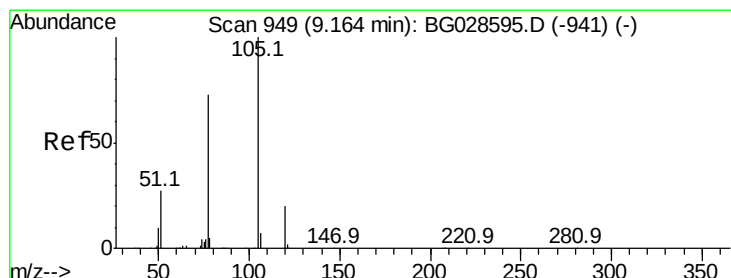
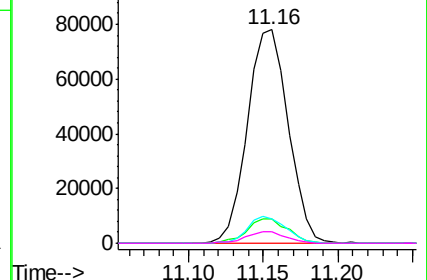
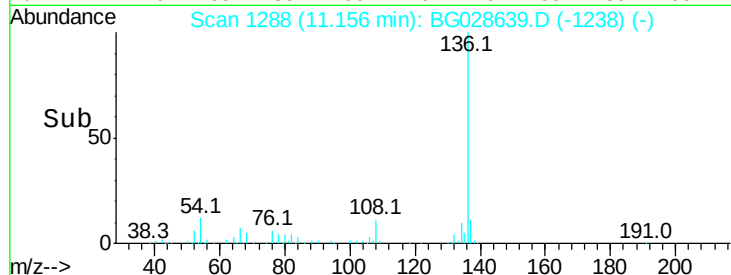


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.269 ng

RT: 9.16 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion:105 Resp: 189417

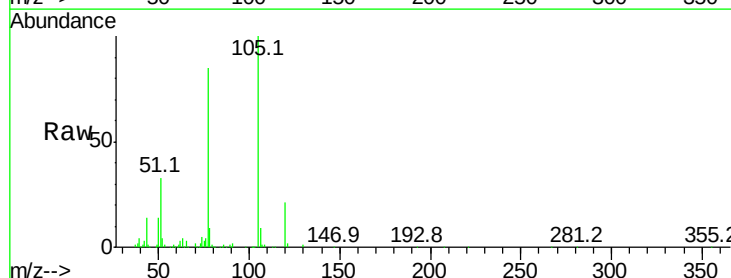
Ion Ratio Lower Upper

105 100

71 0.4 0.9 1.3#

51 32.7 34.0 51.0#

120 21.1 17.3 25.9

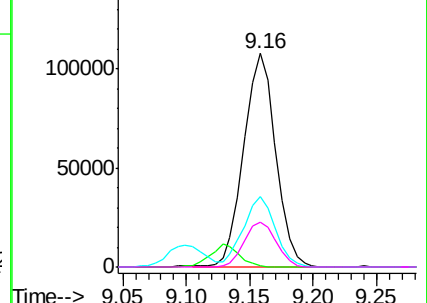
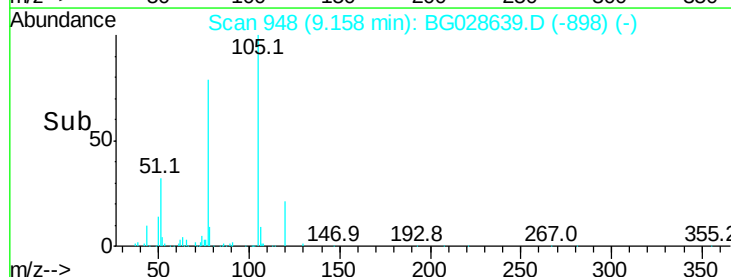


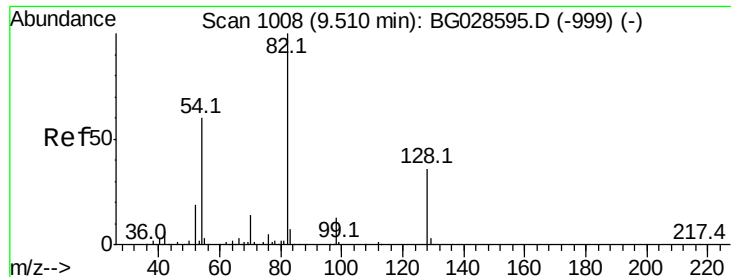
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

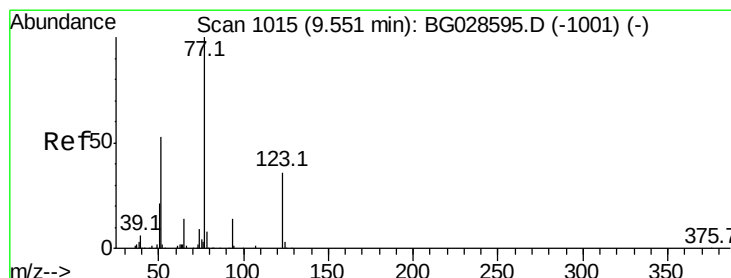
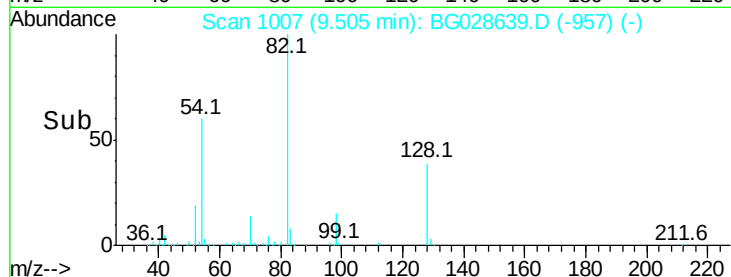
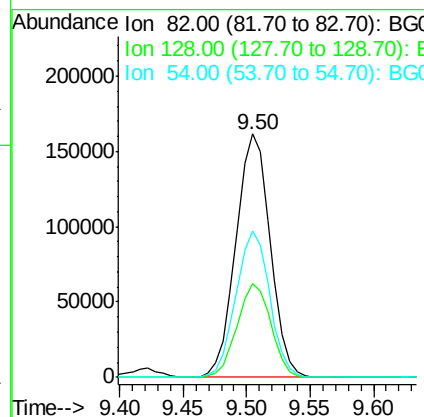
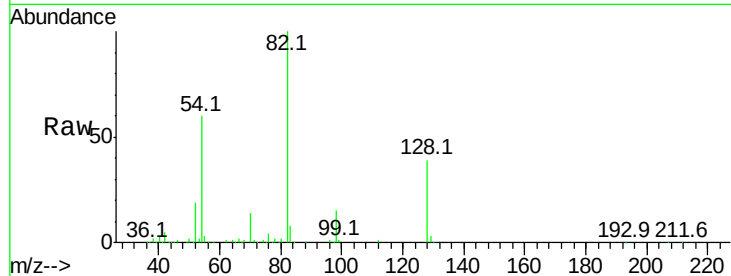




#23
 Nitrobenzene-d5
 Concen: 94.149 ng
 RT: 9.50 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

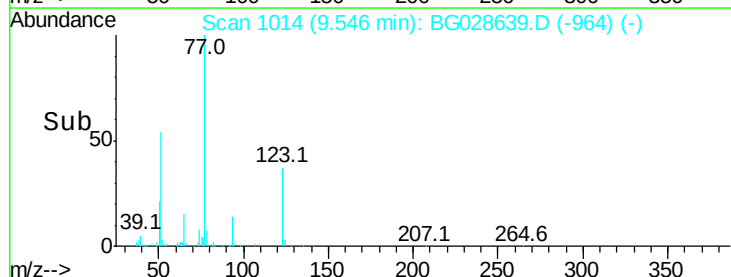
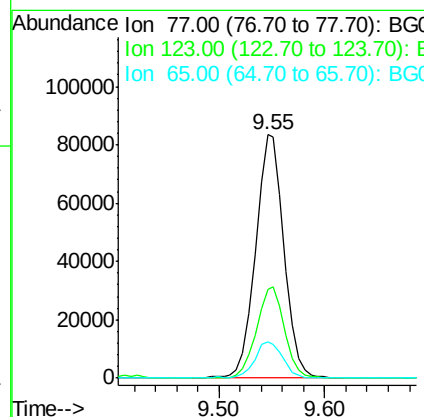
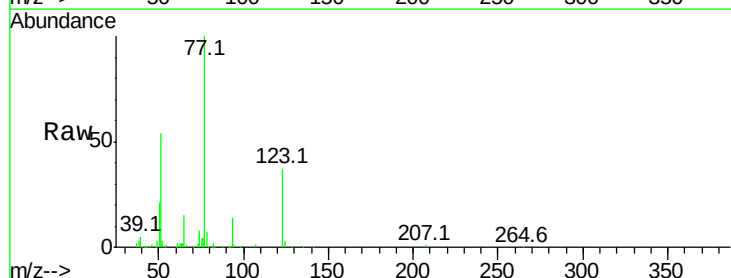
Instrument :
 BNA_G
 ClientSampleId :

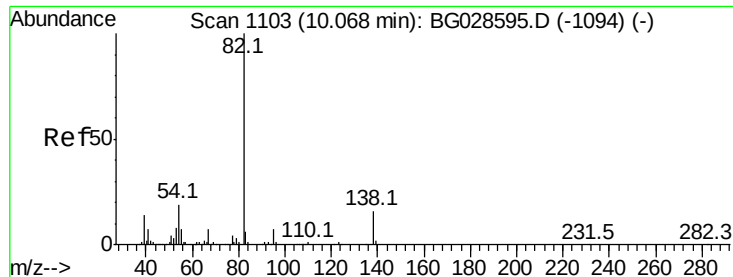
Tot Ion: 82 Resp: 302144
 Ion Ratio Lower Upper
 82 100
 128 38.8 26.4 39.6
 54 60.0 49.4 74.2



#24
 Nitrobenzene
 Concen: 45.889 ng
 RT: 9.55 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Tgt Ion: 77 Resp: 155577
 Ion Ratio Lower Upper
 77 100
 123 36.6 26.1 39.1
 65 15.1 12.4 18.6





#25

Isophorone

Concen: 47.772 ng

RT: 10.06 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

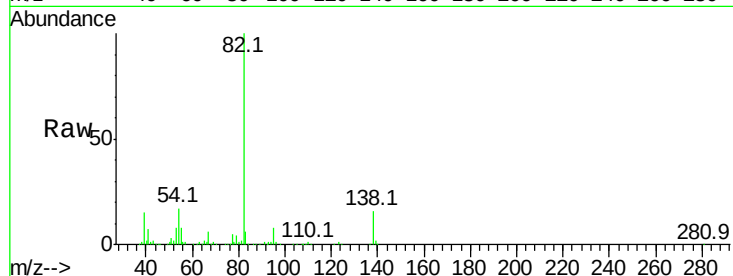
Instrument :

BNA_G

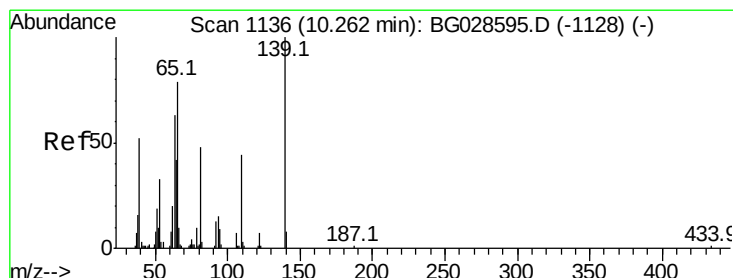
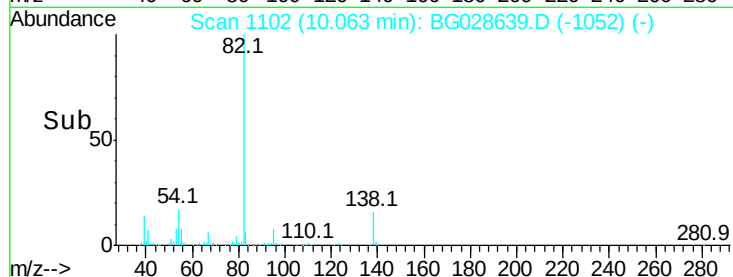
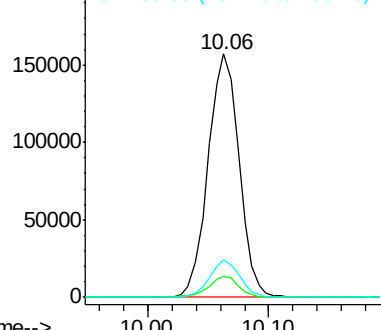
ClientSampleId :

Tot Ion: 82 Resp: 282297

Ion	Ratio	Lower	Upper
82	100		
95	8.4	7.5	11.3
138	15.6	12.3	18.5



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



#26

2-Nitrophenol

Concen: 45.005 ng

RT: 10.26 min Scan# 1136

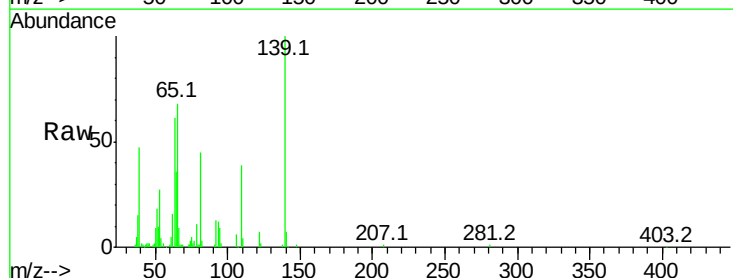
Delta R.T. 0.00 min

Lab File: BG028639.D

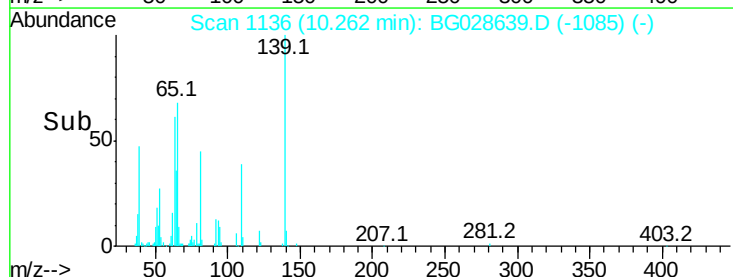
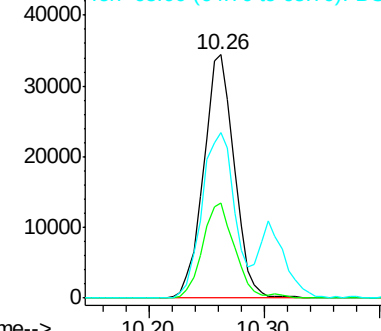
Acq: 11 Sep 2017 13:17

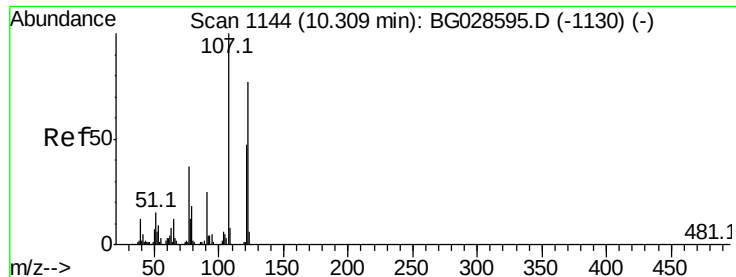
Tgt Ion: 139 Resp: 63277

Ion	Ratio	Lower	Upper
139	100		
109	38.9	38.6	58.0
65	68.1	57.1	85.7



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





#27

2,4-Dimethylphenol

Concen: 48.674 ng

RT: 10.31 min Scan# 1144

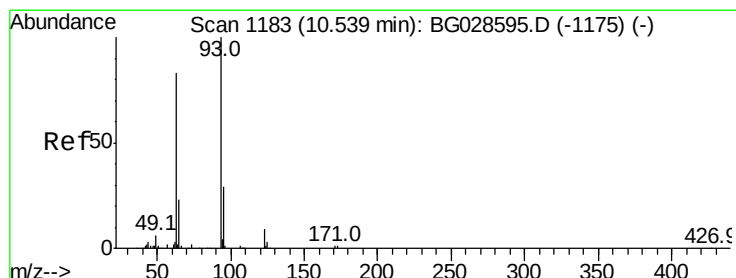
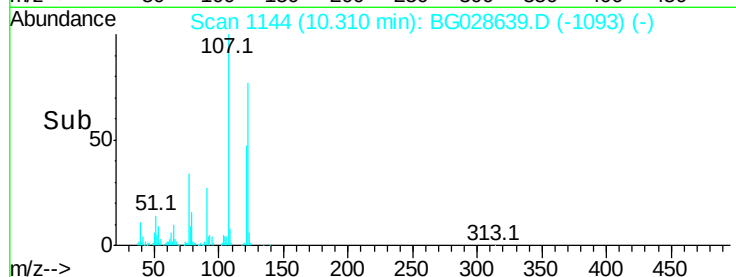
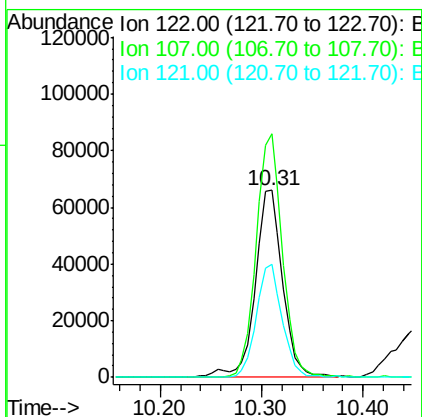
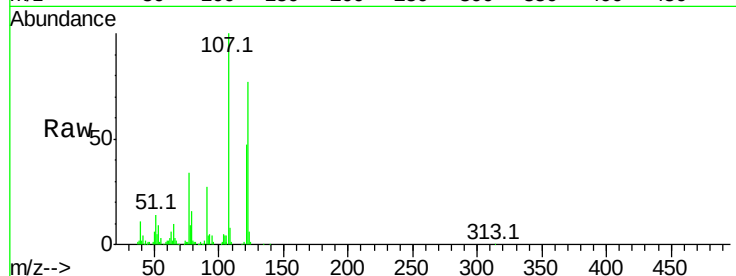
Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.3	104.2	156.4
121	60.7	46.0	69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.163 ng

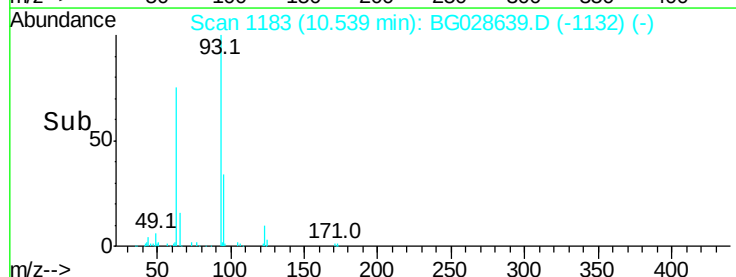
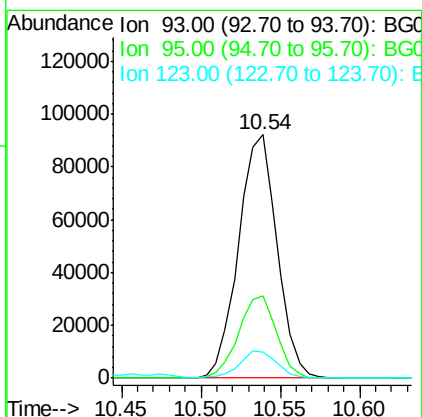
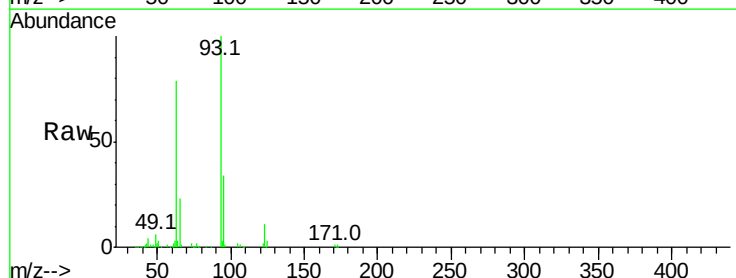
RT: 10.54 min Scan# 1183

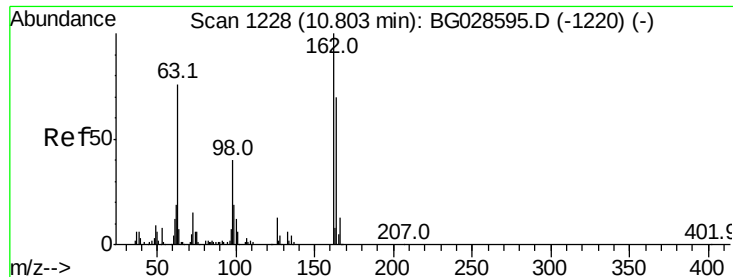
Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.7	38.5
123	10.6	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 49.954 ng

RT: 10.80 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

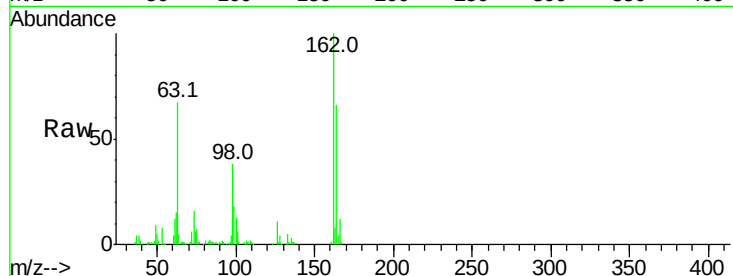
Tot Ion:162 Resp: 124538

Ion Ratio Lower Upper

162 100

164 65.9 42.4 82.4

98 37.6 20.3 60.3

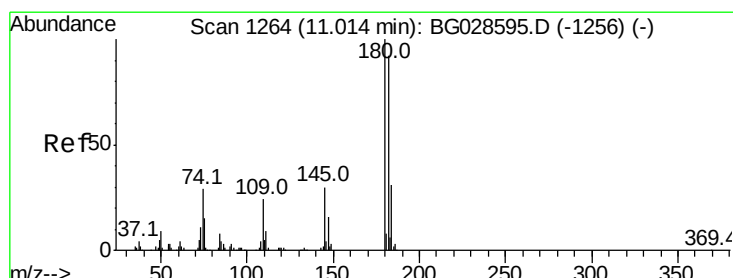
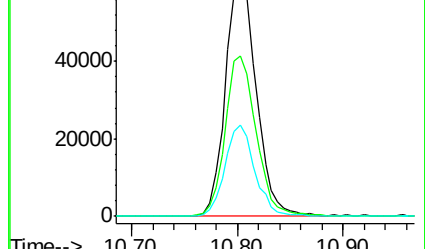
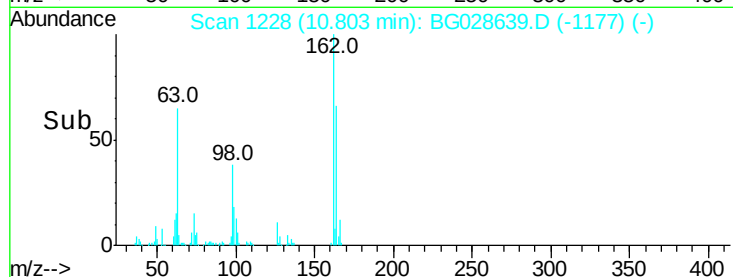


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 44.004 ng

RT: 11.01 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

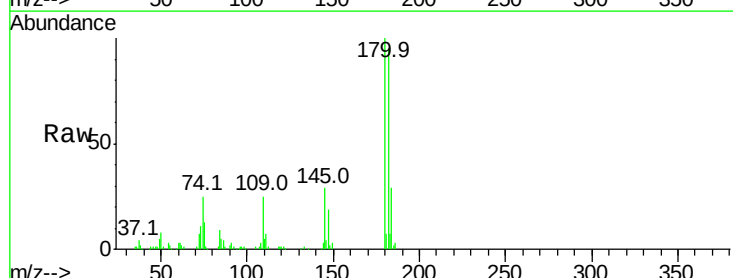
Tgt Ion:180 Resp: 134989

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

145 28.5 23.4 35.0

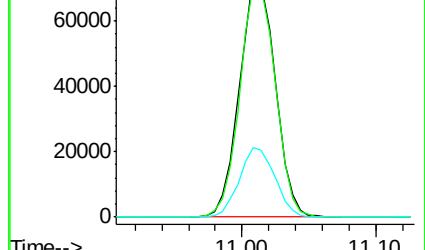
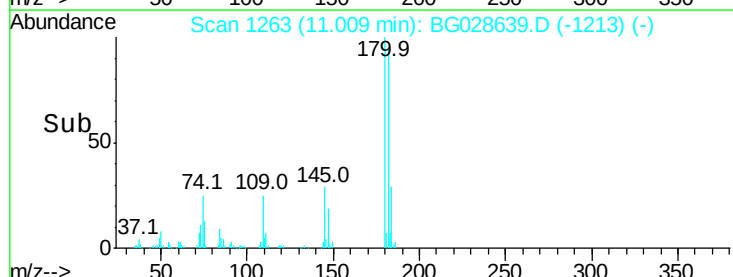


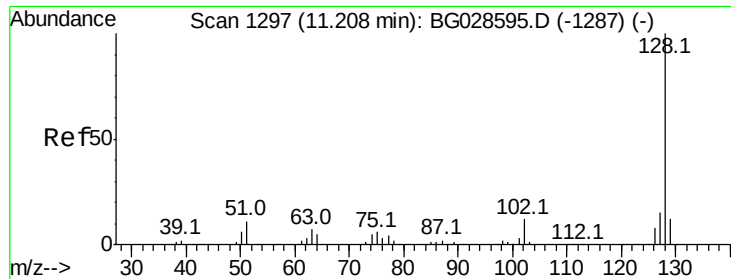
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

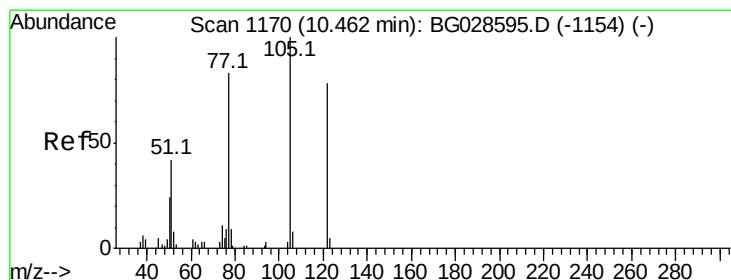
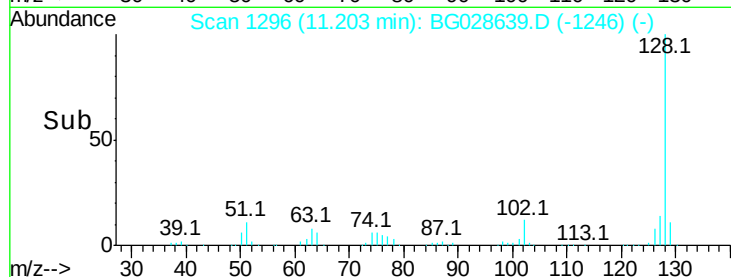
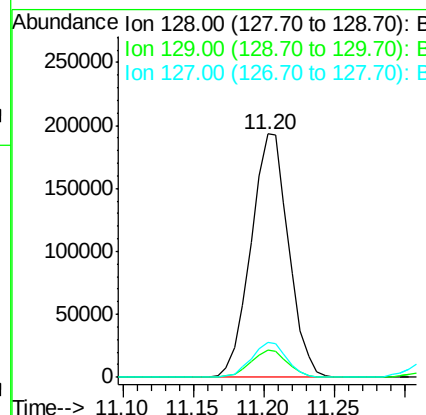
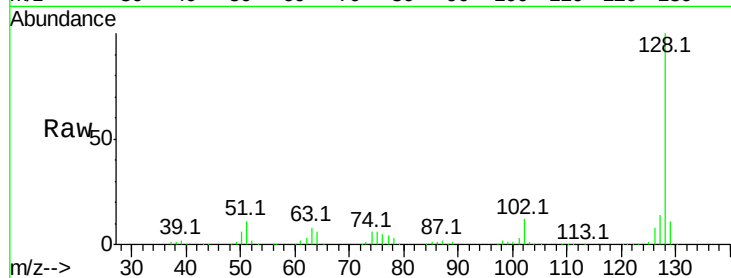




#31
Naphthalene
Concen: 45.116 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

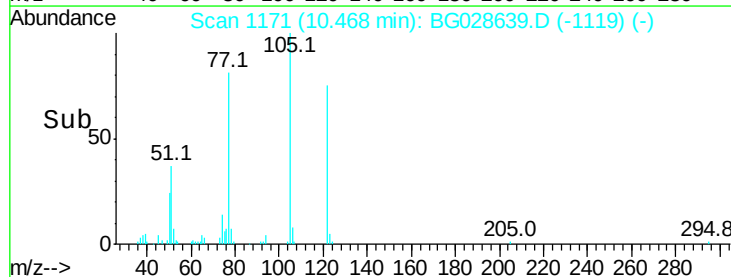
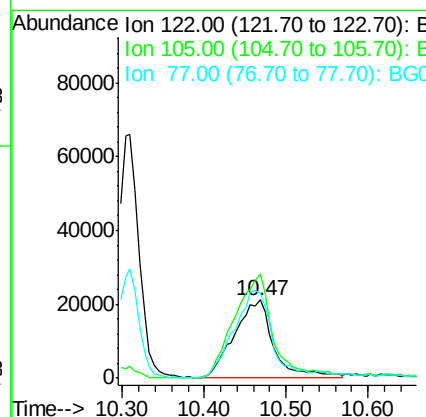
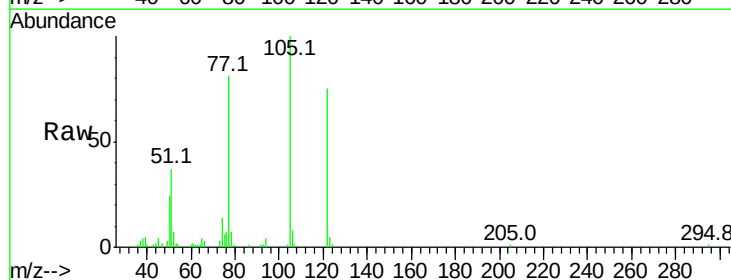
Instrument :
BNA_G
ClientSampleId :

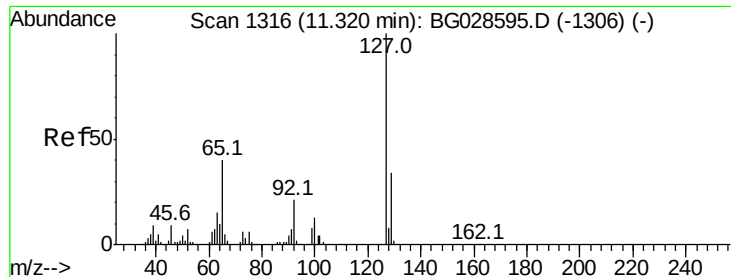
Tot Ion:128 Resp: 360877
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 44.413 ng
RT: 10.47 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:122 Resp: 71058
Ion Ratio Lower Upper
122 100
105 133.1 120.1 160.1
77 108.0 104.6 144.6

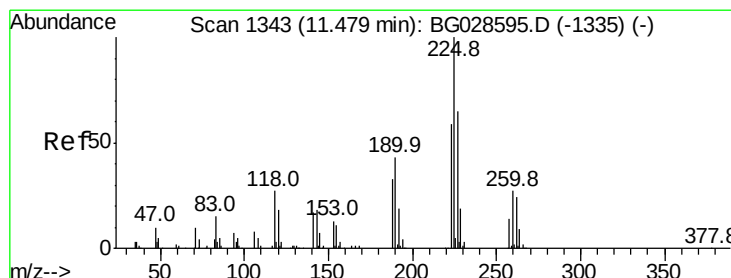
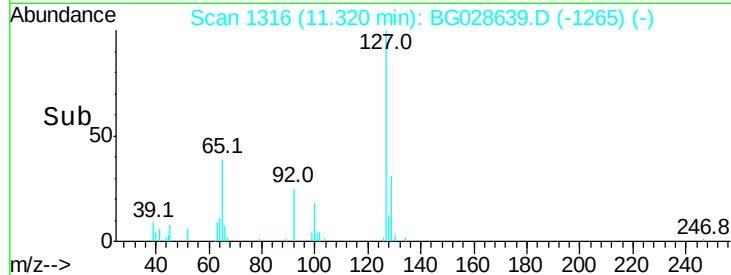
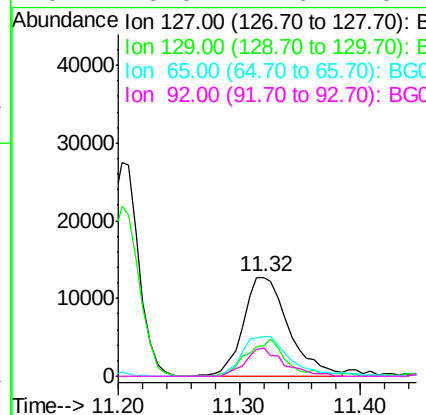
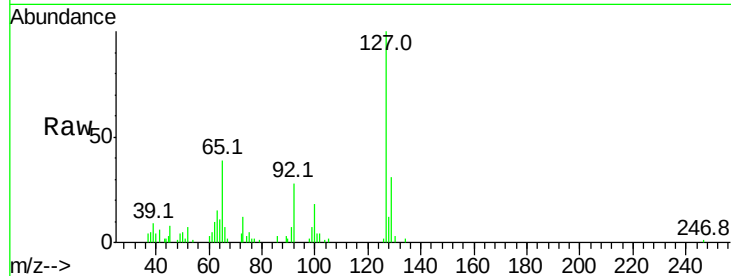




#33
4-Chloroaniline
Concen: 9.870 ng
RT: 11.32 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

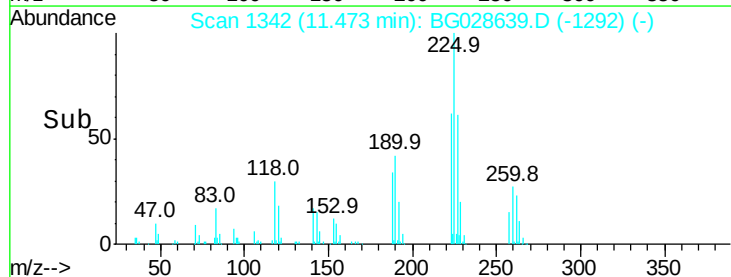
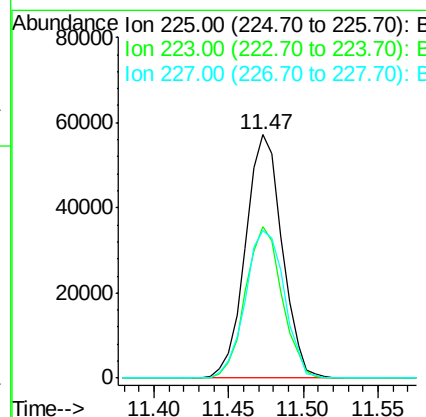
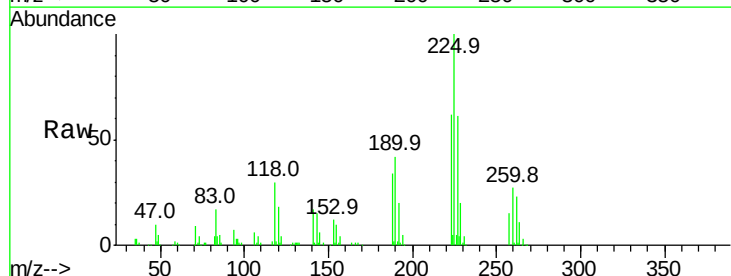
Instrument :
BNA_G
ClientSampleId :

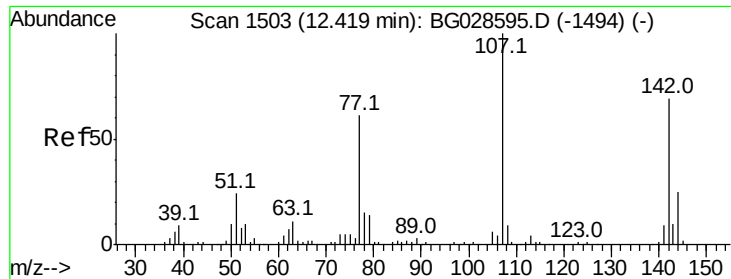
Tot Ion:127 Resp: 33281
Ion Ratio Lower Upper
127 100
129 31.3 23.6 35.4
65 39.5 37.7 56.5
92 28.0 17.6 26.4#



#34
Hexachlorobutadiene
Concen: 43.677 ng
RT: 11.47 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:225 Resp: 96814
Ion Ratio Lower Upper
225 100
223 62.4 50.7 76.1
227 60.8 49.0 73.6

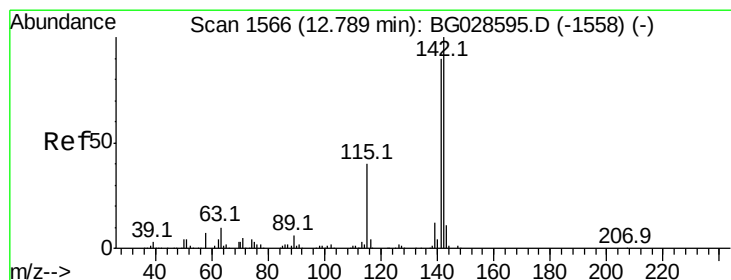
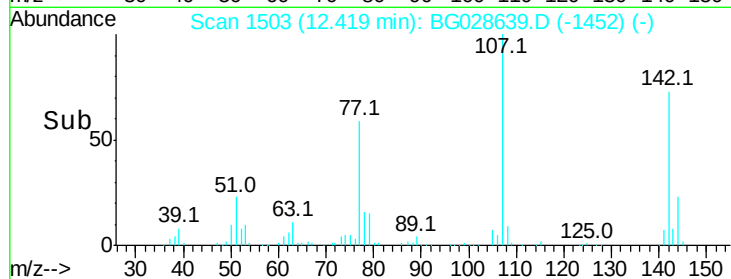
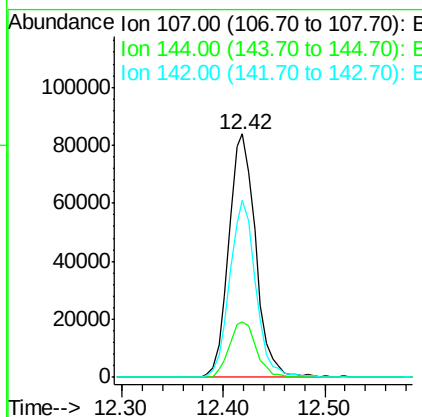
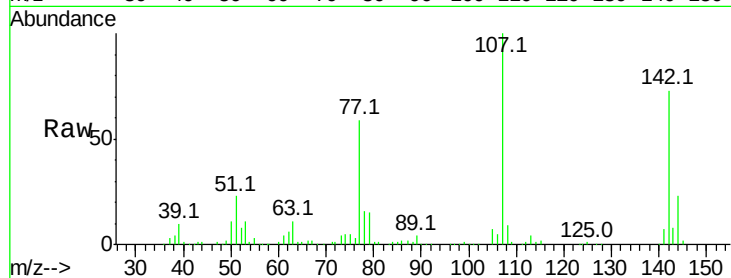




#36
 4-Chloro-3-methylphenol
 Concen: 48.536 ng
 RT: 12.42 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

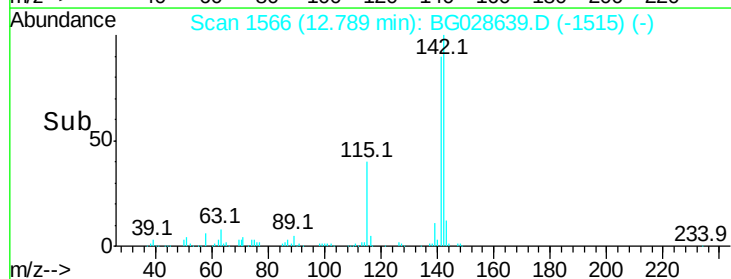
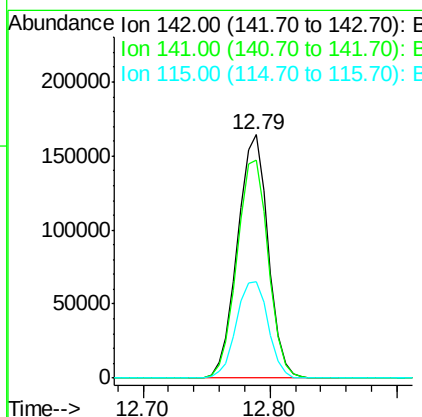
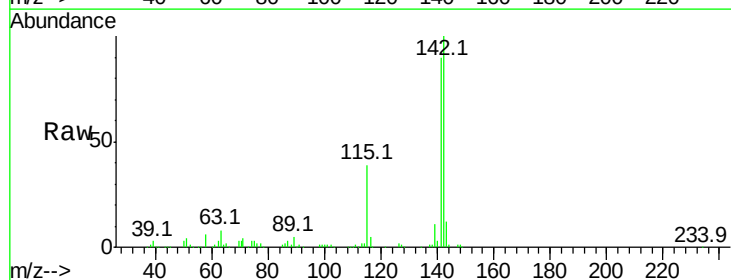
Instrument :
 BNA_G
 ClientSampleId :

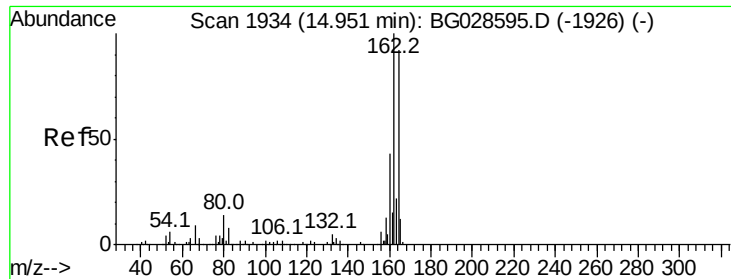
Tot Ion:107 Resp: 154066
 Ion Ratio Lower Upper
 107 100
 144 23.0 17.4 26.0
 142 72.6 54.1 81.1



#37
 2-Methylnaphthalene
 Concen: 46.492 ng
 RT: 12.79 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Tgt Ion:142 Resp: 274201
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.4 105.6
 115 39.4 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.95 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

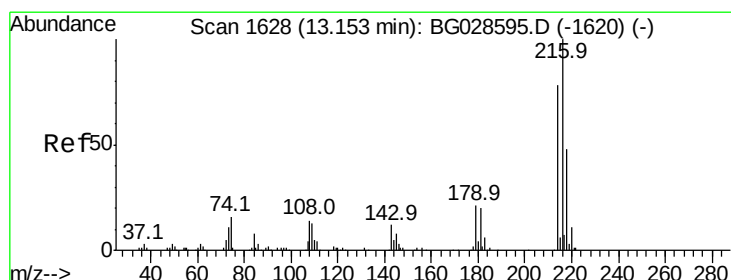
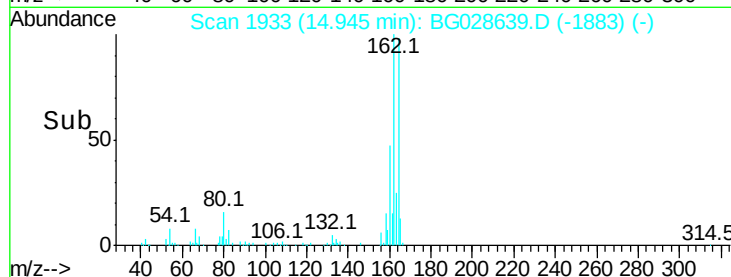
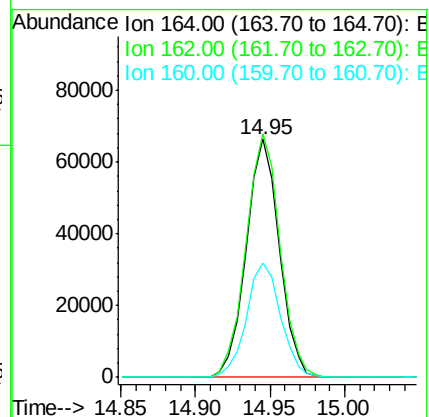
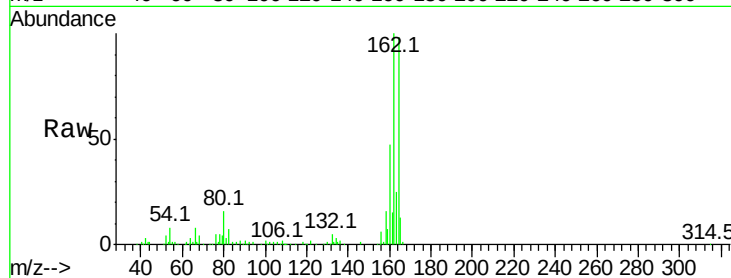
Tot Ion:164 Resp: 101248

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

160 47.9 34.7 52.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.669 ng

RT: 13.15 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion:216 Resp: 171738

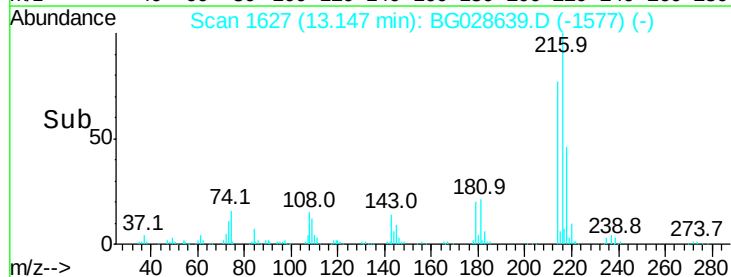
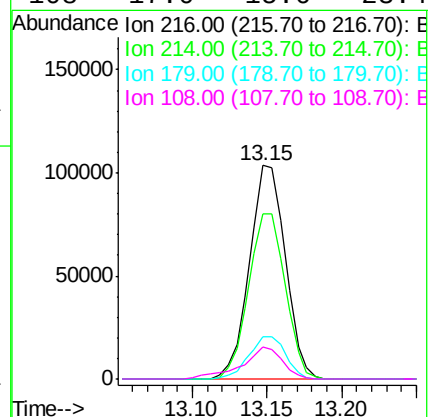
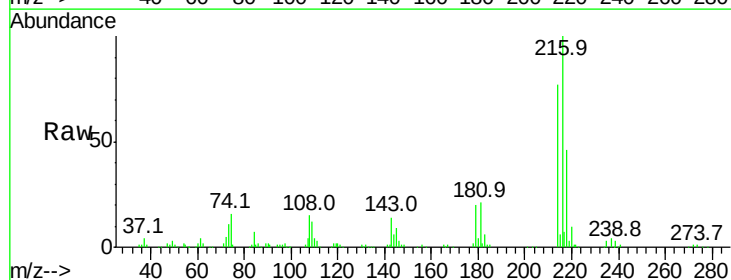
Ion Ratio Lower Upper

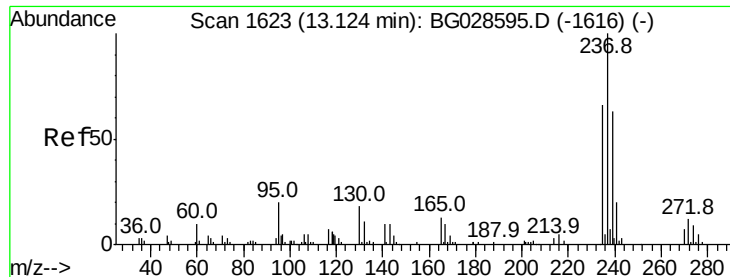
216 100

214 79.2 64.4 96.6

179 20.4 17.4 26.0

108 17.0 15.6 23.4





#40

Hexachlorocyclopentadiene

Concen: 100.510 ng

RT: 13.12 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

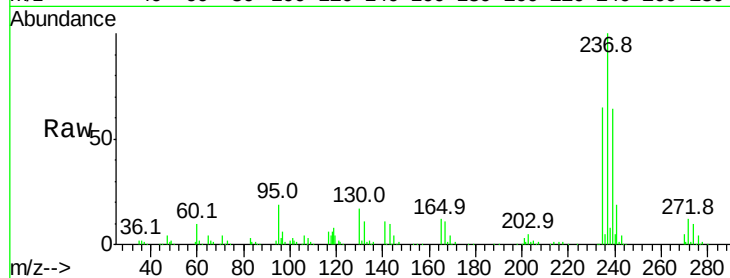
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 177622

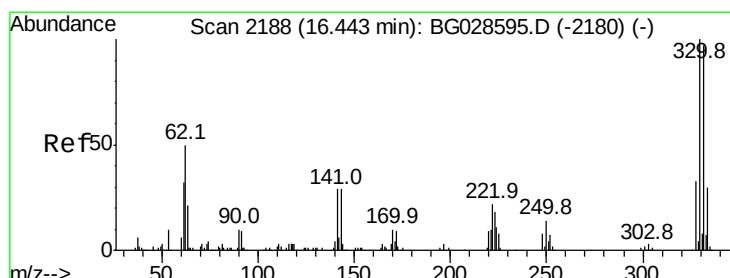
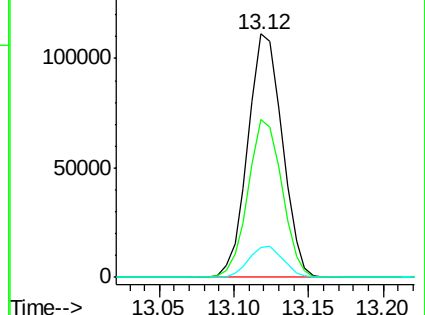
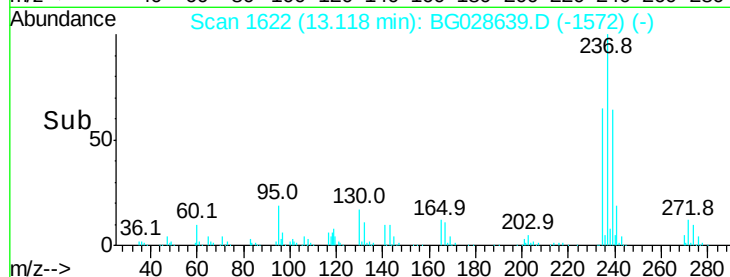
Ion	Ratio	Lower	Upper
237	100		
235	64.7	39.4	79.4
272	12.2	0.0	32.0



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



#41

2,4,6-Tribromophenol

Concen: 165.777 ng

RT: 16.44 min Scan# 2187

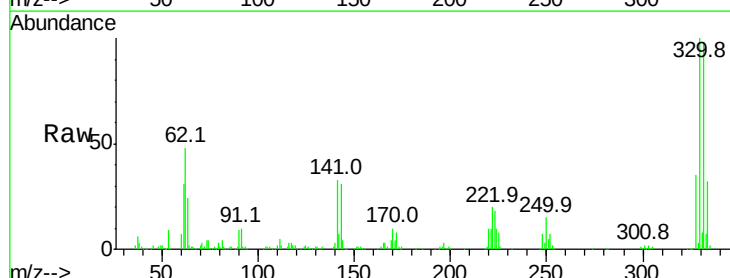
Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion:330 Resp: 255109

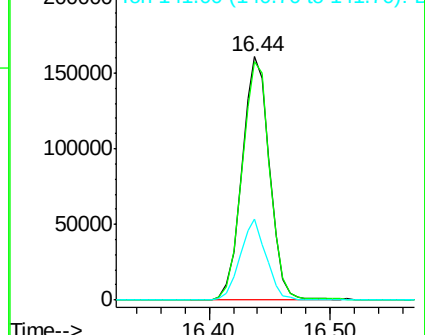
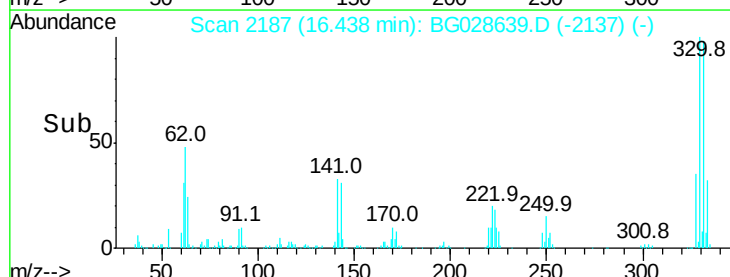
Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.3	115.9
141	31.6	32.1	48.1#

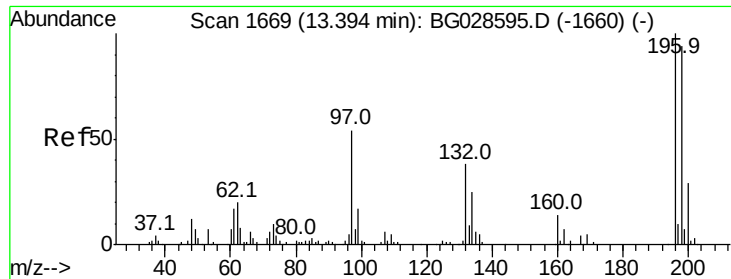


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 45.950 ng

RT: 13.39 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampled :

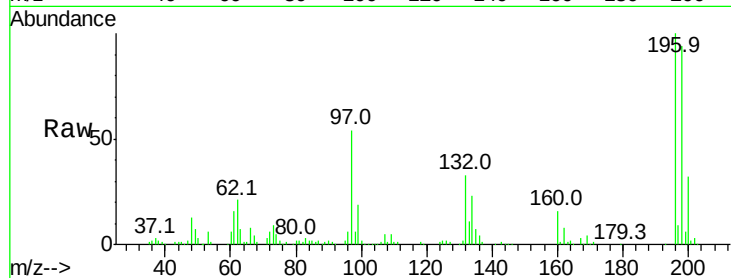
Tot Ion:196 Resp: 115432

Ion Ratio Lower Upper

196 100

198 94.0 81.4 122.2

200 32.1 27.0 40.6

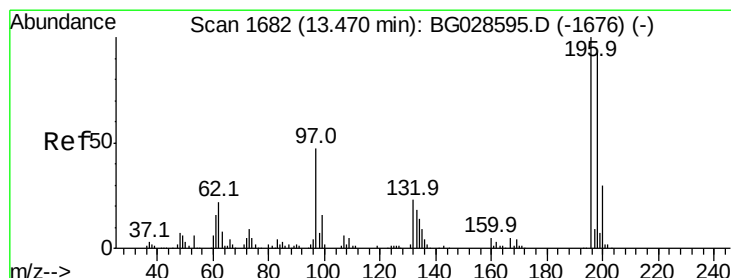
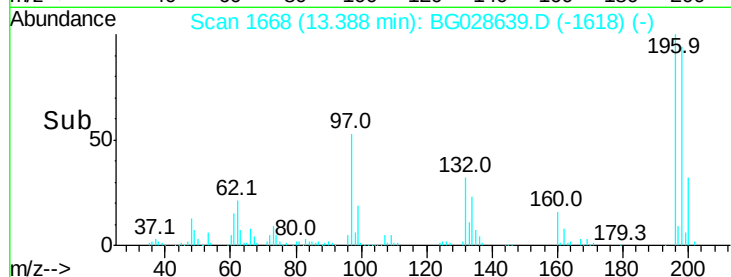
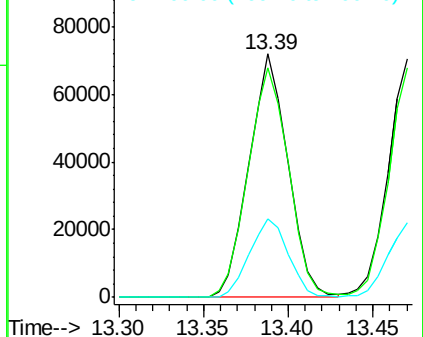


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 50.624 ng

RT: 13.47 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Tgt Ion:196 Resp: 127088

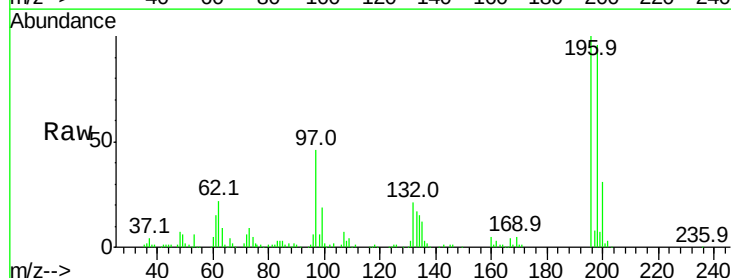
Ion Ratio Lower Upper

196 100

198 96.2 79.9 119.9

97 45.8 45.4 68.0

132 21.3 20.7 31.1



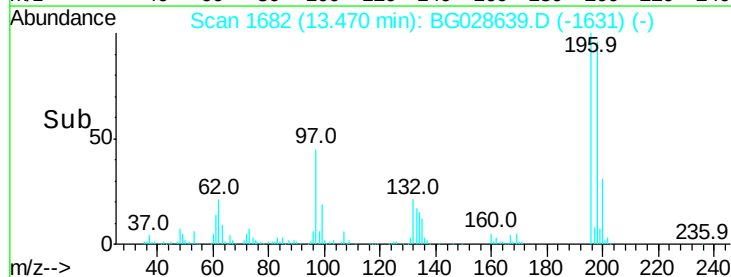
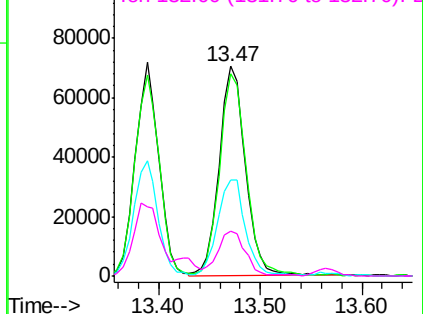
Abundance

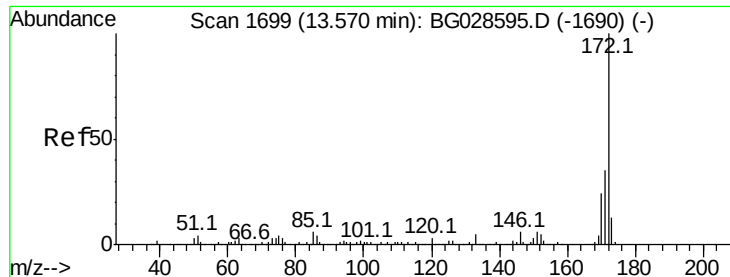
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

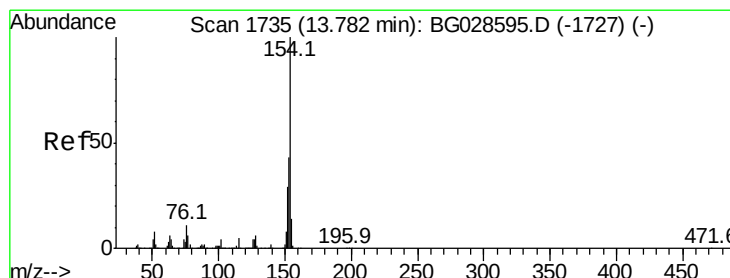
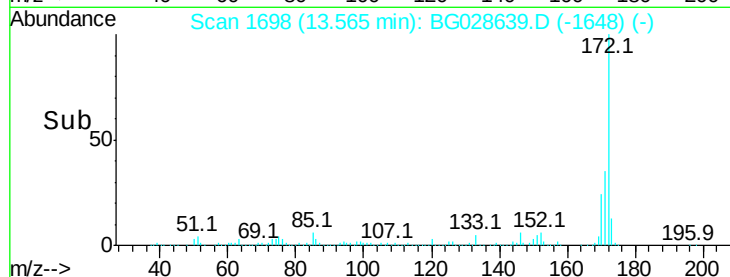
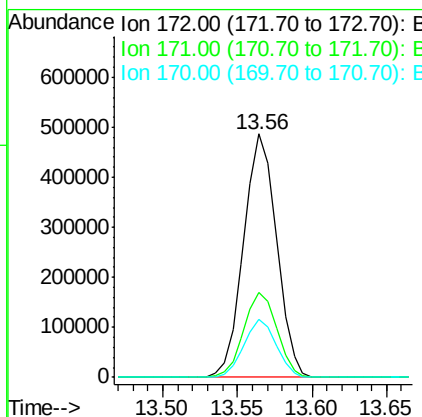
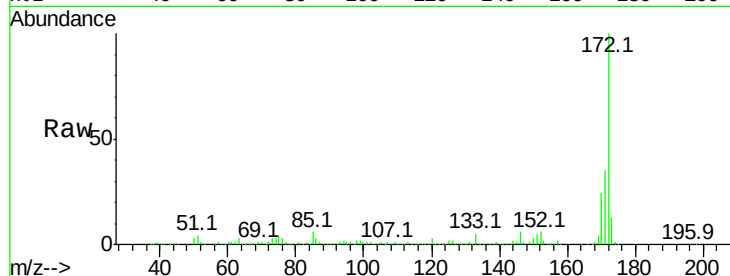




#44
2-Fluorobiphenyl
Concen: 96.129 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

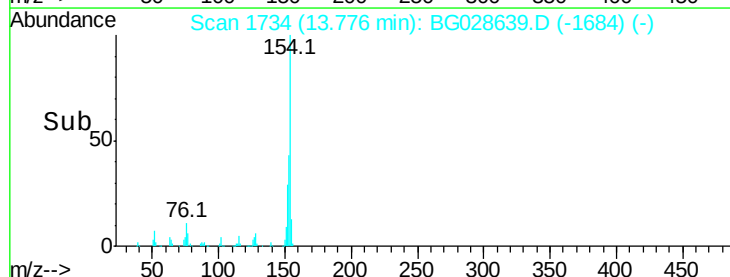
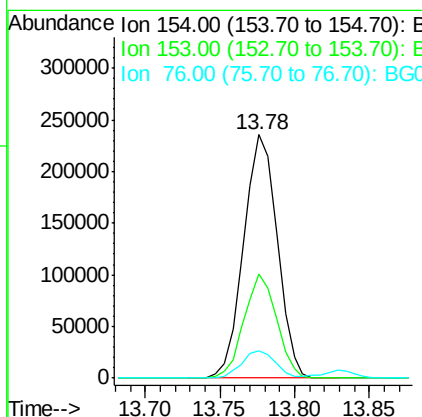
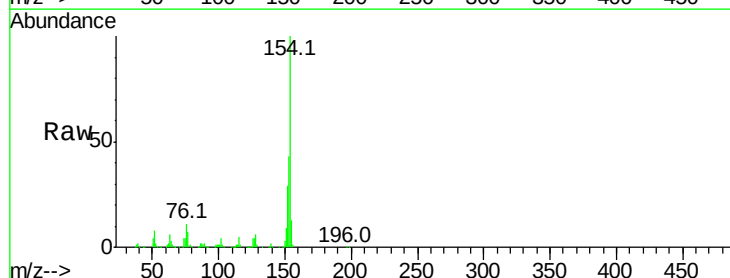
Instrument :
BNA_G
ClientSampleId :

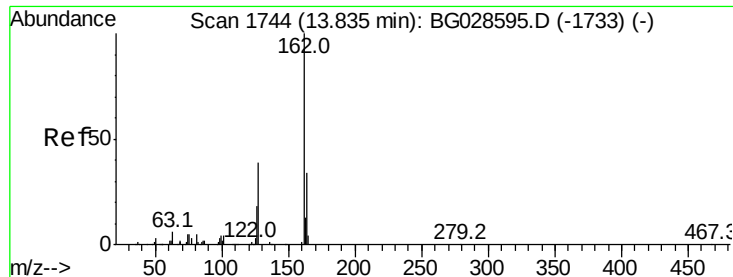
Tot Ion:172 Resp: 743978
Ion Ratio Lower Upper
172 100
171 34.9 32.2 48.2
170 23.7 21.8 32.6



#45
1,1'-Biphenyl
Concen: 43.096 ng
RT: 13.78 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:154 Resp: 366355
Ion Ratio Lower Upper
154 100
153 42.5 23.0 63.0
76 11.1 0.0 33.5

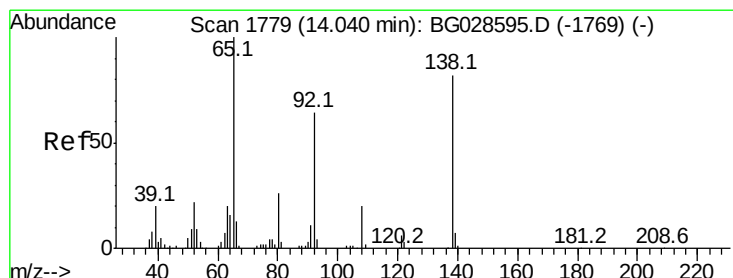
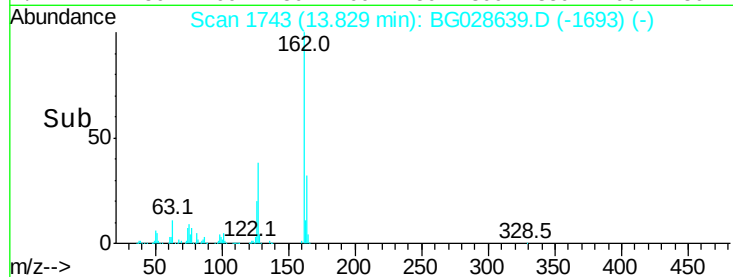
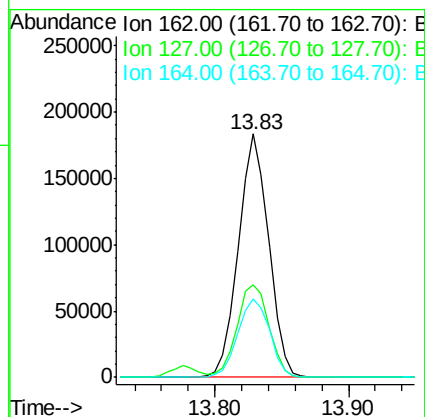
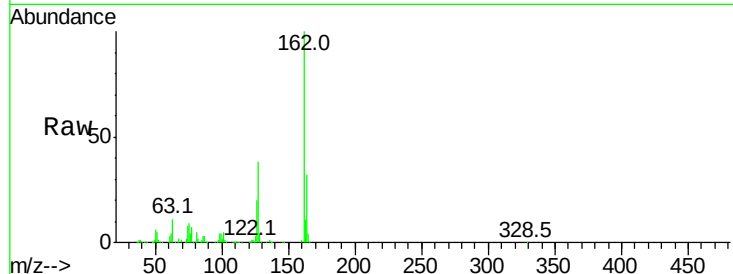




#46
2-Chloronaphthalene
Concen: 44.427 ng
RT: 13.83 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

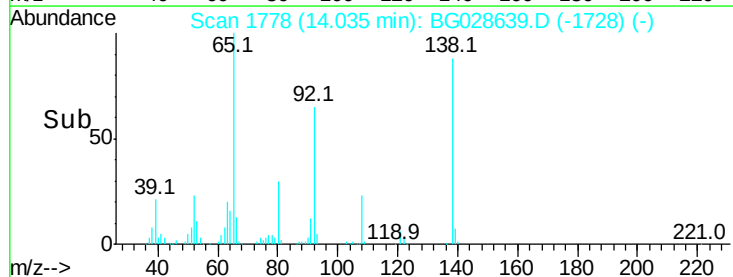
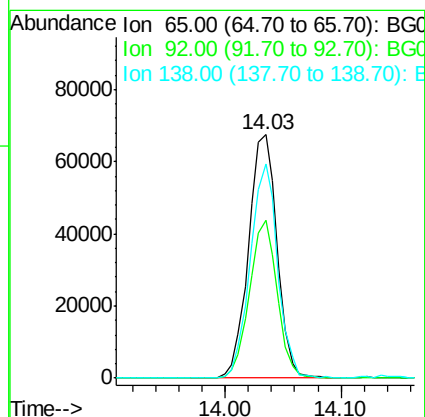
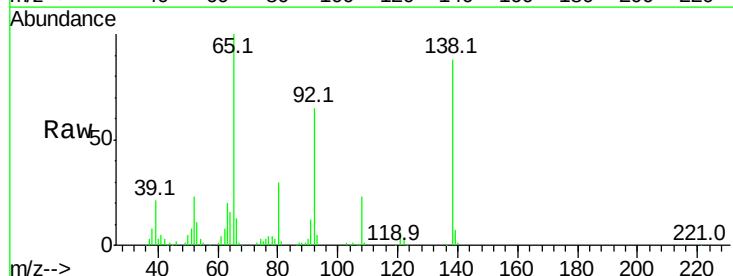
Instrument :
BNA_G
ClientSampleId :

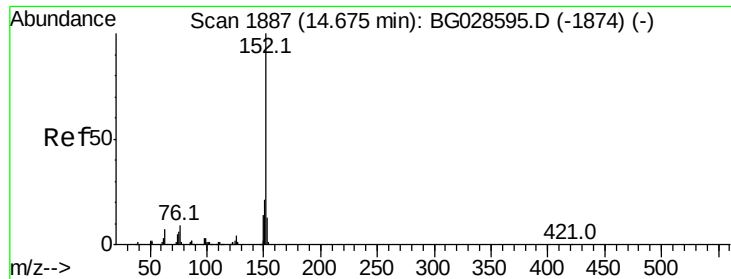
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.2	48.4
164	32.3	27.3	40.9



#47
2-Nitroaniline
Concen: 44.109 ng
RT: 14.03 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	49.0	73.4
138	87.9	58.6	87.8#





#48

Acenaphthylene

Concen: 46.644 ng

RT: 14.67 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

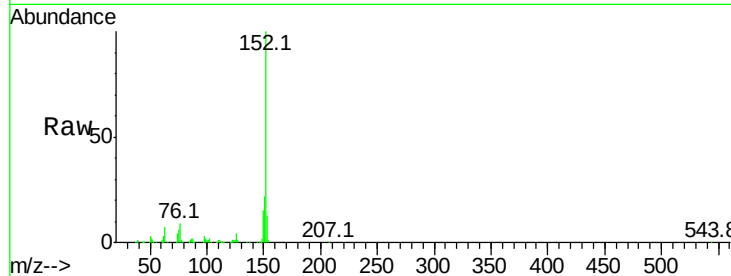
Tot Ion:152 Resp: 461871

Ion Ratio Lower Upper

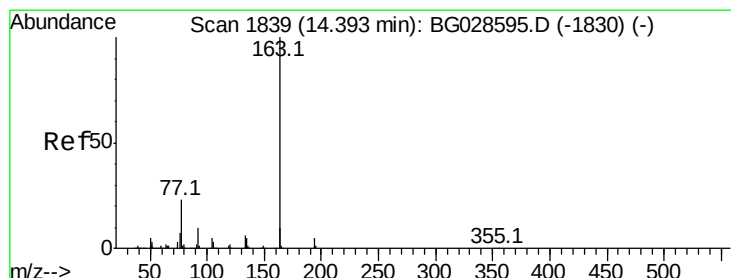
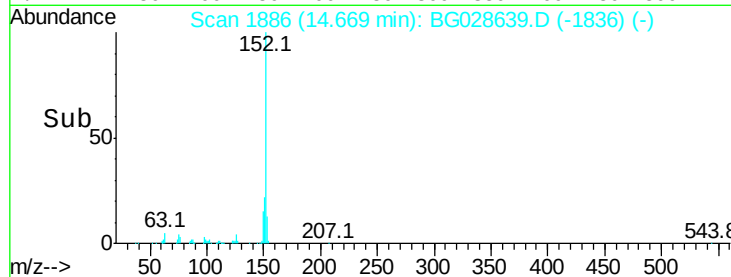
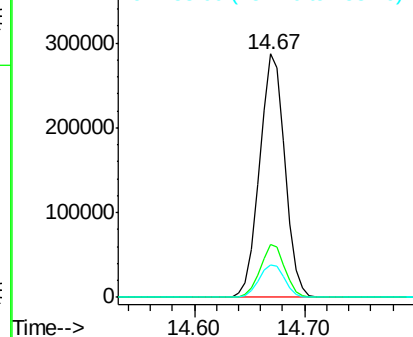
152 100

151 21.8 18.2 27.2

153 13.4 11.3 16.9



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



#49

Dimethylphthalate

Concen: 48.614 ng

RT: 14.39 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

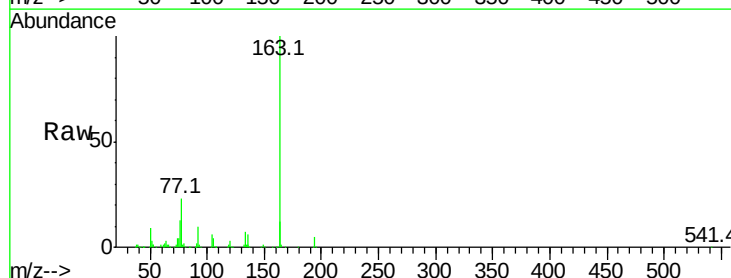
Tgt Ion:163 Resp: 405546

Ion Ratio Lower Upper

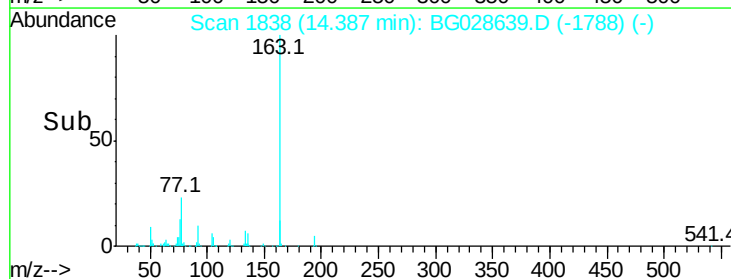
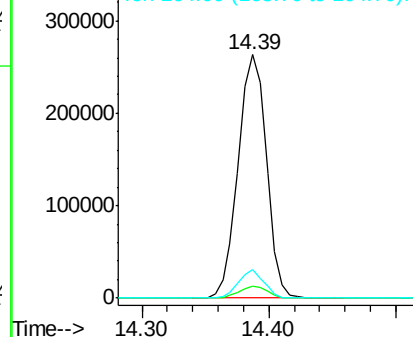
163 100

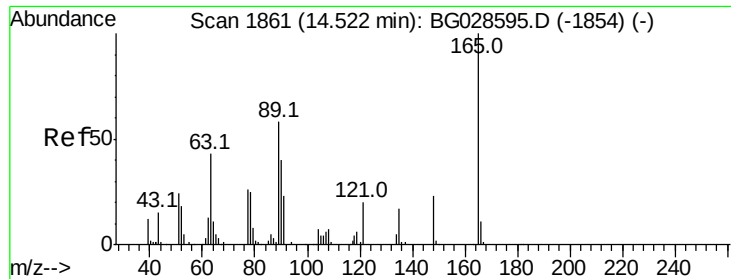
194 4.9 3.8 5.6

164 12.0 9.3 13.9



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

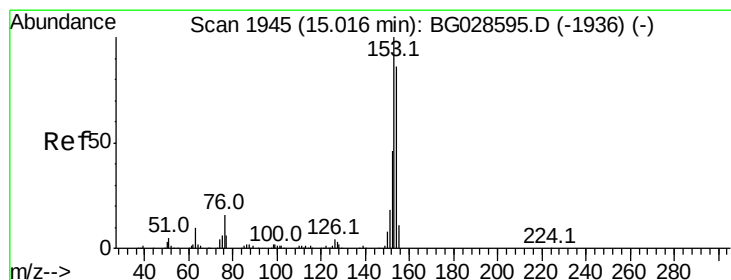
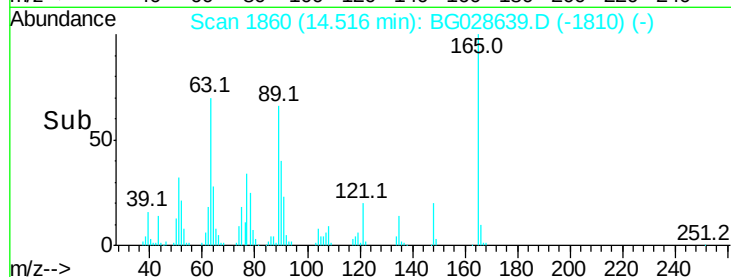
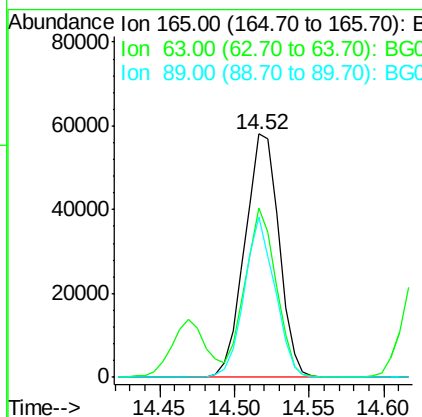
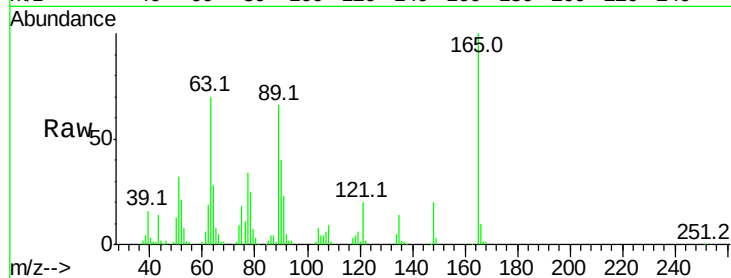




#50
2,6-Dinitrotoluene
Concen: 50.294 ng
RT: 14.52 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

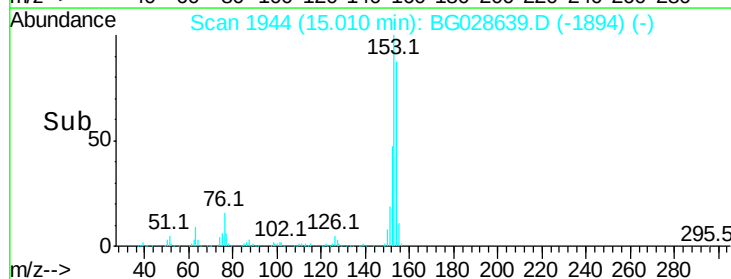
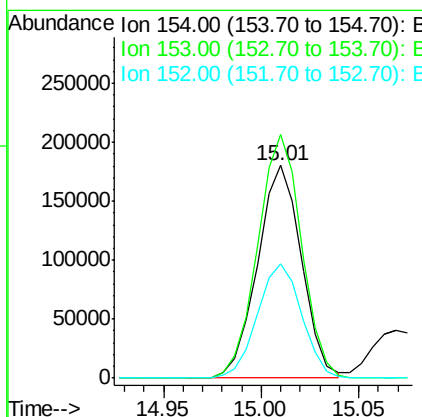
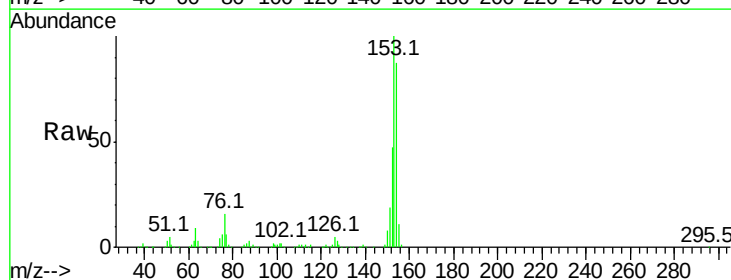
Instrument :
BNA_G
ClientSampleId :

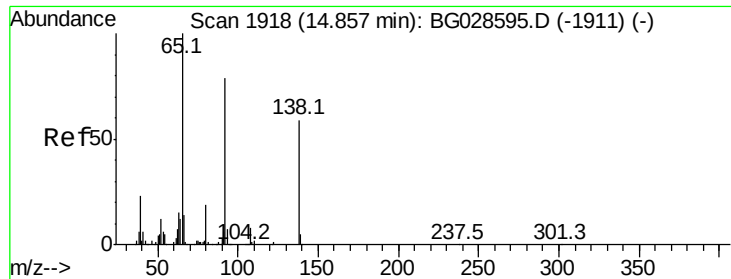
Tot Ion	Ratio	Lower	Upper
165	100		
63	69.8	63.9	95.9
89	66.0	58.6	88.0



#51
Acenaphthene
Concen: 46.291 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	87.8	131.6
152	53.5	42.2	63.4

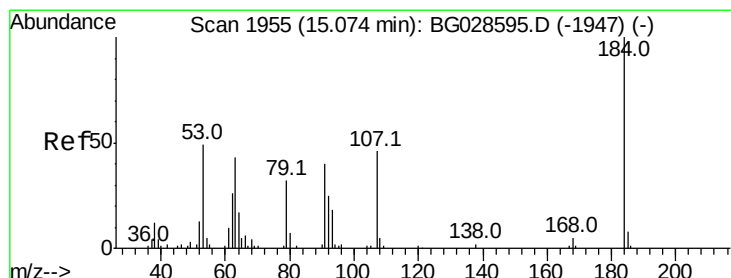
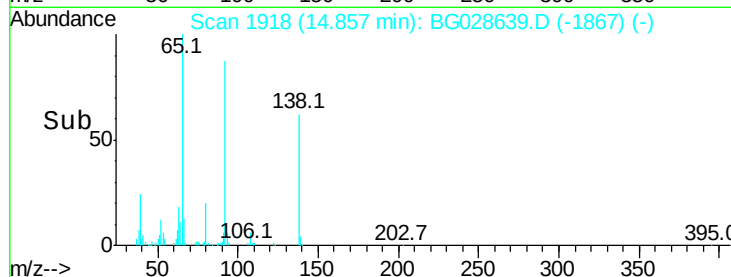
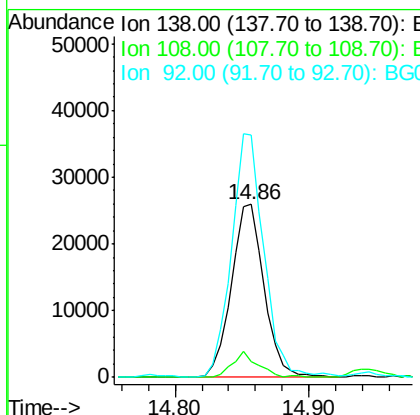
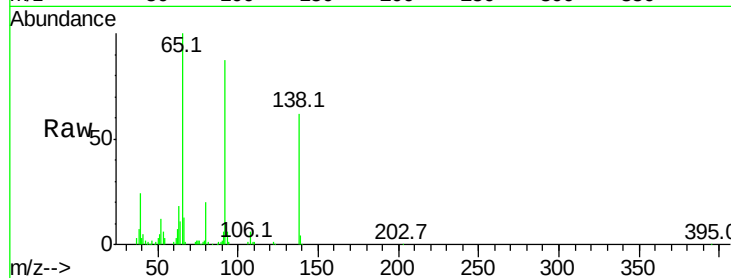




#52
 3-Nitroaniline
 Concen: 23.963 ng
 RT: 14.86 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

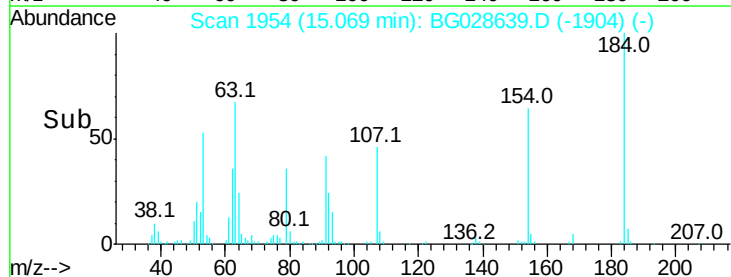
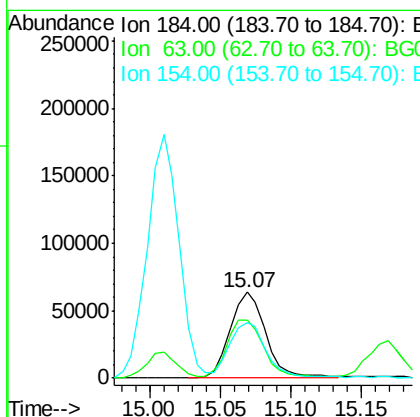
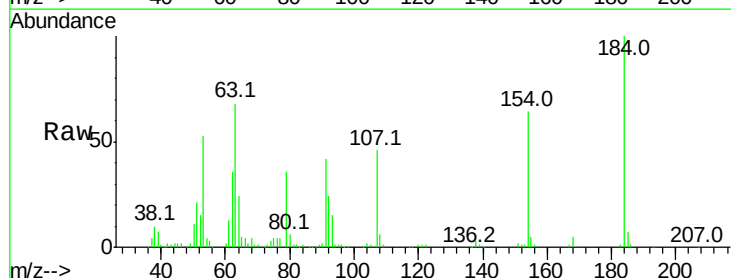
Instrument :
 BNA_G
 ClientSampleId :

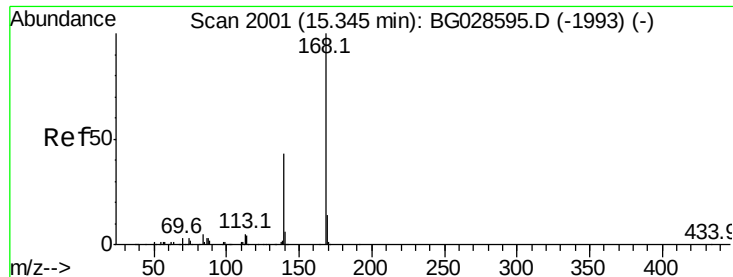
Tot Ion:138 Resp: 44233
 Ion Ratio Lower Upper
 138 100
 108 8.9 10.9 16.3#
 92 140.0 115.3 172.9



#53
 2,4-Dinitrophenol
 Concen: 96.204 ng
 RT: 15.07 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Tgt Ion:184 Resp: 111275
 Ion Ratio Lower Upper
 184 100
 63 67.6 52.7 79.1
 154 64.4 57.3 85.9





#54

Dibenzofuran

Concen: 52.008 ng

RT: 15.34 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

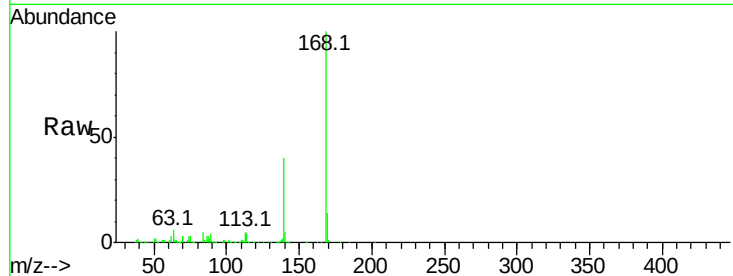
Tot Ion:168 Resp: 487498

Ion Ratio Lower Upper

168 100

139 40.2 35.3 52.9

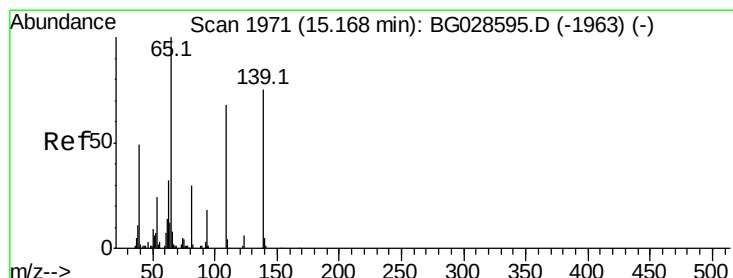
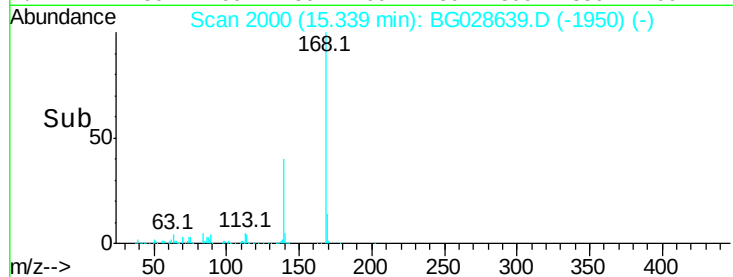
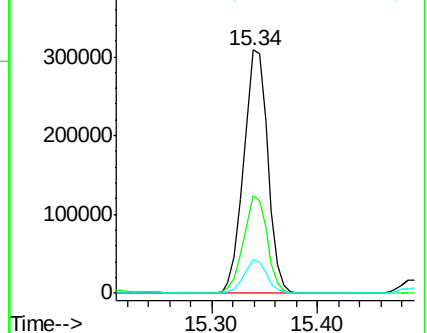
169 13.7 11.5 17.3



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: 94.672 ng

RT: 15.17 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

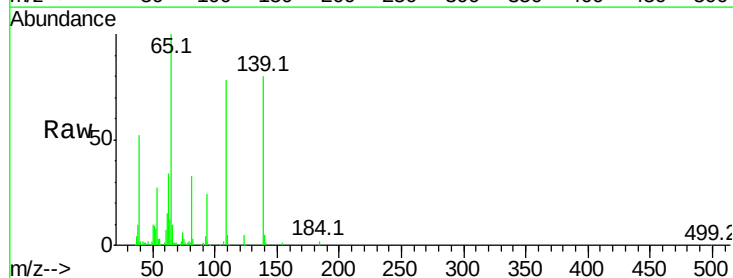
Tgt Ion:139 Resp: 124523

Ion Ratio Lower Upper

139 100

109 97.1 101.2 141.2#

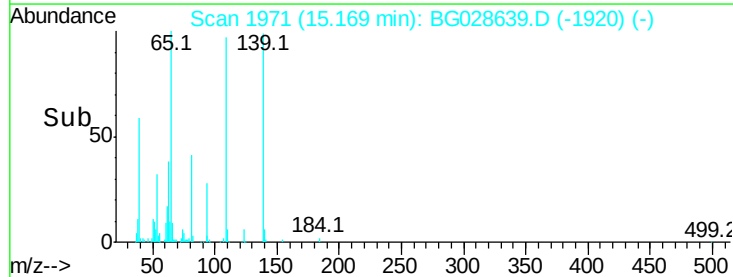
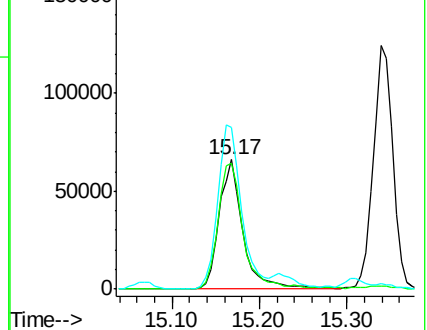
65 125.0 135.3 175.3#

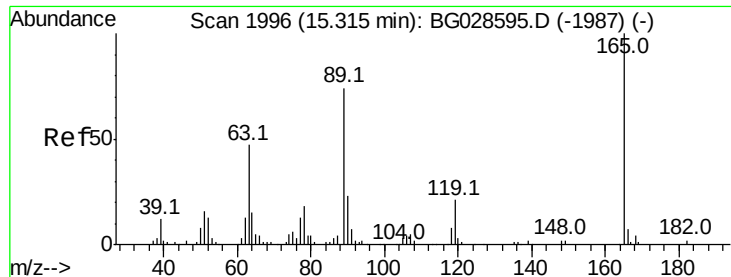


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

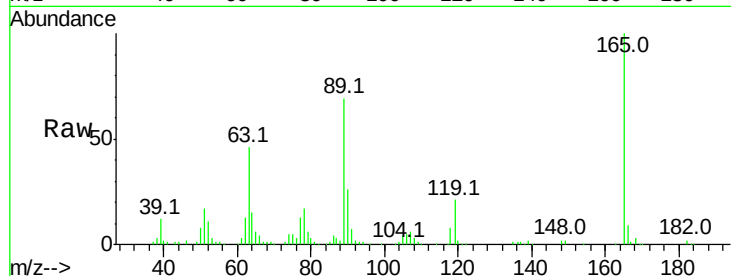




#56
2,4-Dinitrotoluene
Concen: 49.543 ng
RT: 15.31 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.8	44.0	66.0
89	69.4	67.3	100.9
182	2.3	3.8	5.6

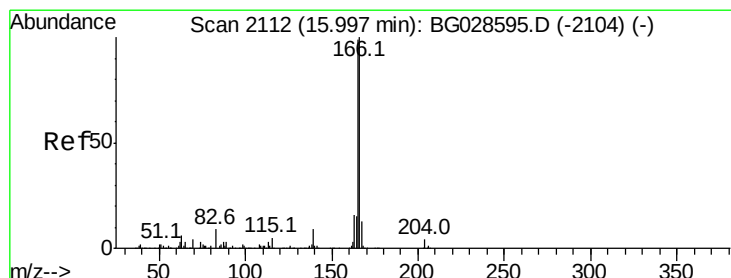
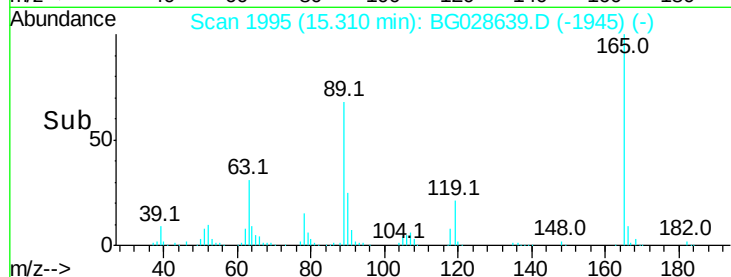
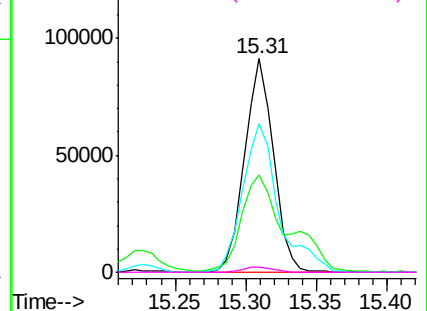


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

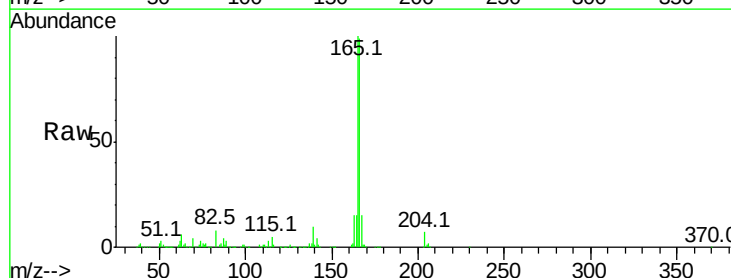
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 47.688 ng
RT: 15.99 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

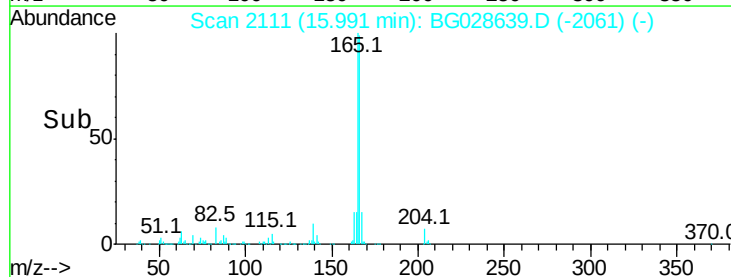
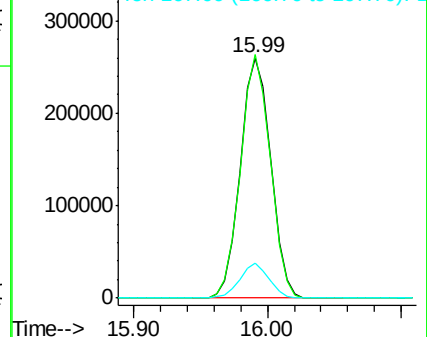
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	117.8
167	14.8	11.6	17.4

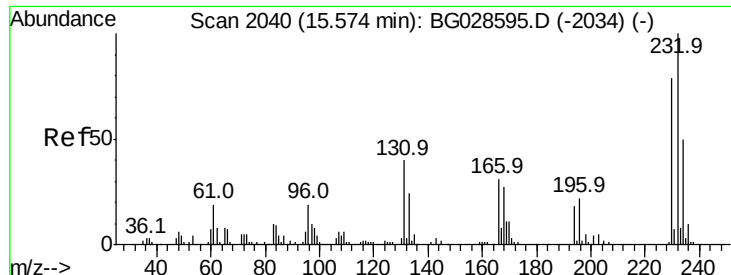


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

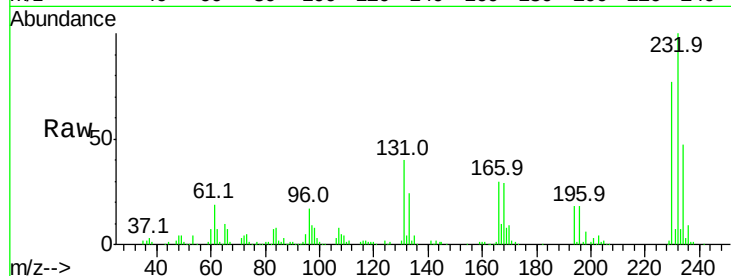




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.220 ng
 RT: 15.57 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.4	34.9	52.3
130	2.1	2.3	3.5
166	30.4	24.2	36.4

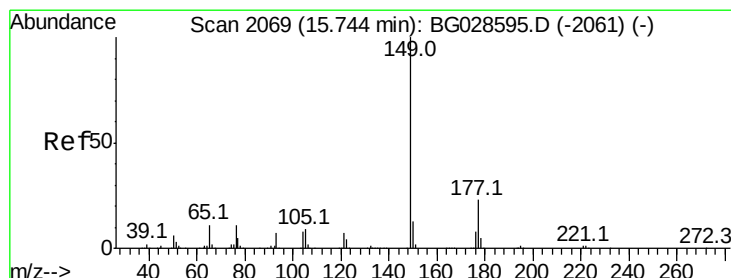
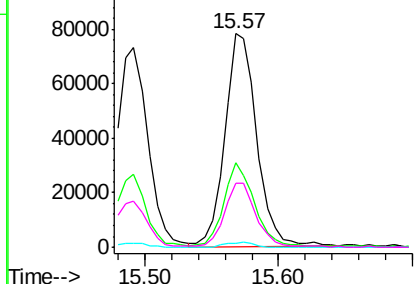
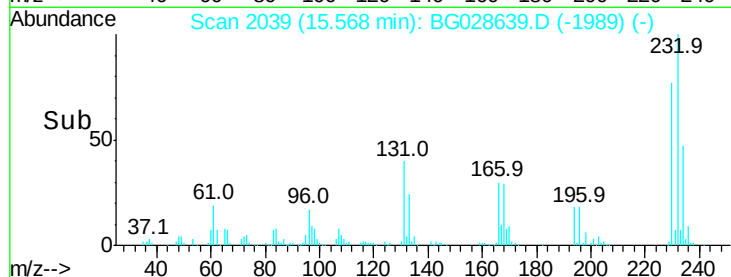


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

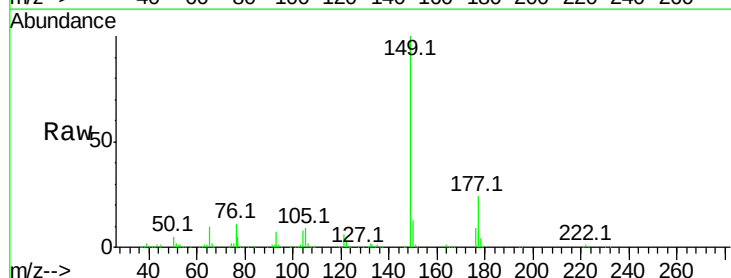
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 48.839 ng
 RT: 15.74 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

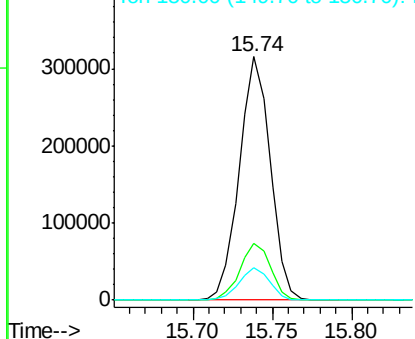
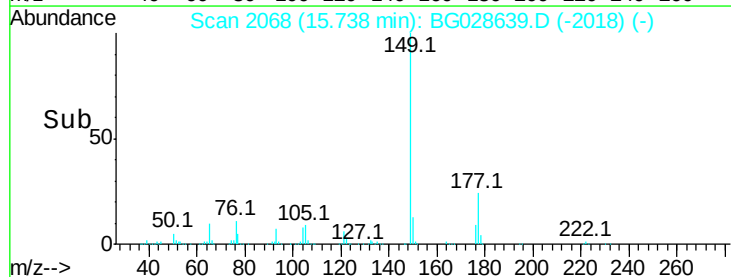
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.1	30.1
150	13.3	10.2	15.2

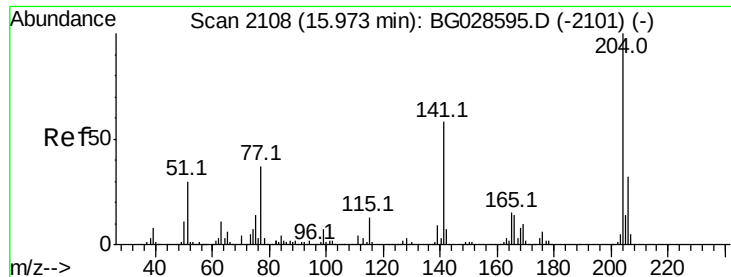


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

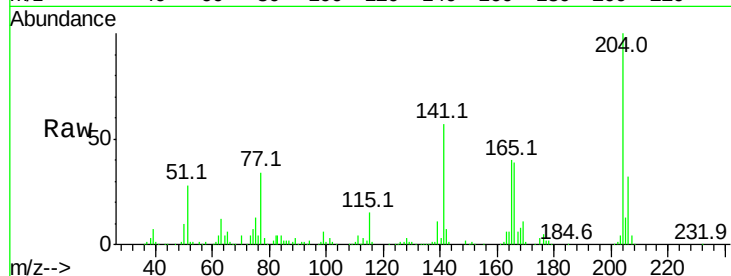




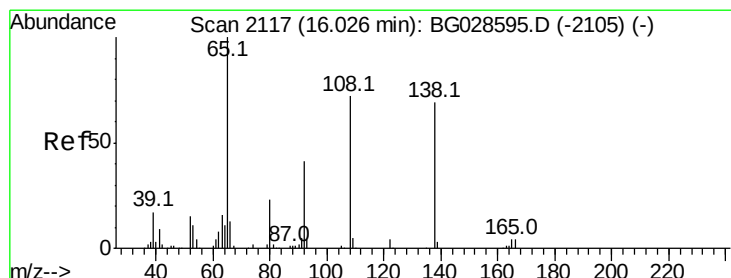
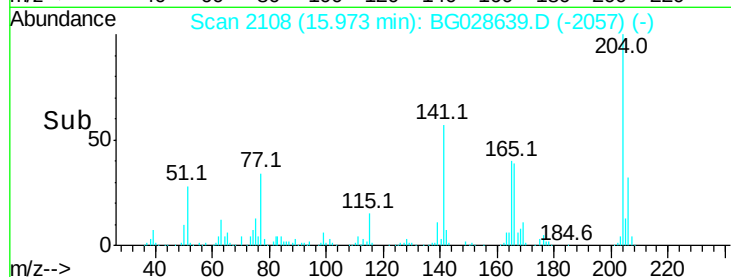
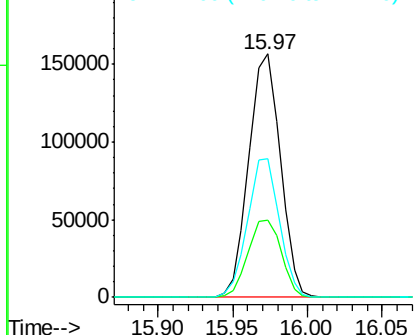
#60
4-Chlorophenyl-phenylether
Concen: 47.492 ng
RT: 15.97 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 229823
Ion Ratio Lower Upper
204 100
206 31.7 30.1 45.1
141 56.8 50.6 76.0

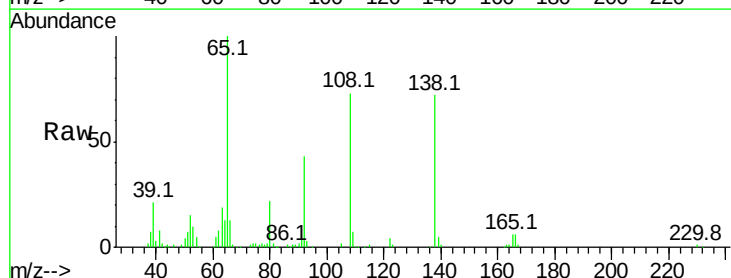


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

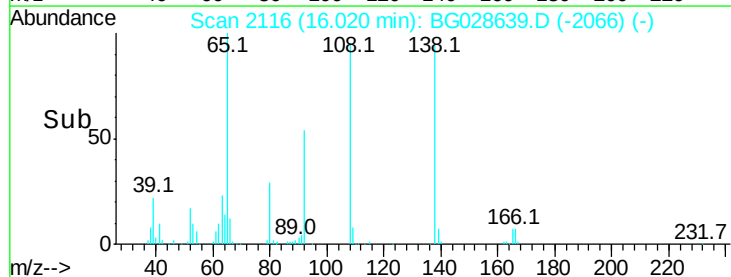
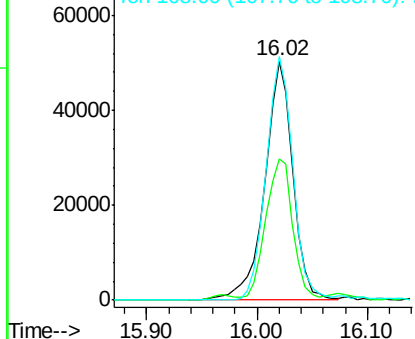


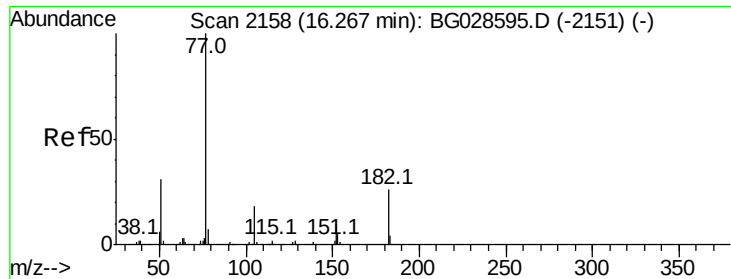
#61
4-Nitroaniline
Concen: 44.997 ng
RT: 16.02 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:138 Resp: 89918
Ion Ratio Lower Upper
138 100
92 59.3 44.2 84.2
108 101.9 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 50.624 ng

RT: 16.27 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 395219

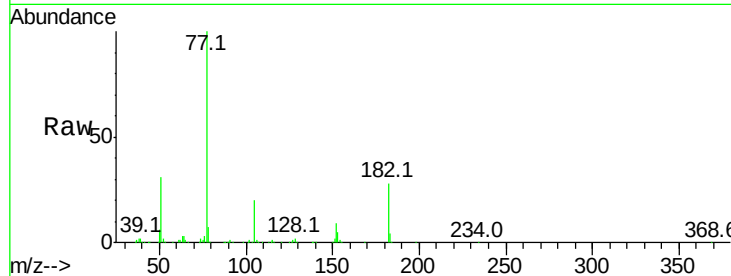
Ion Ratio Lower Upper

77 100

182 28.2 4.7 44.7

105 19.5 0.0 36.3

51 30.8 16.4 56.4

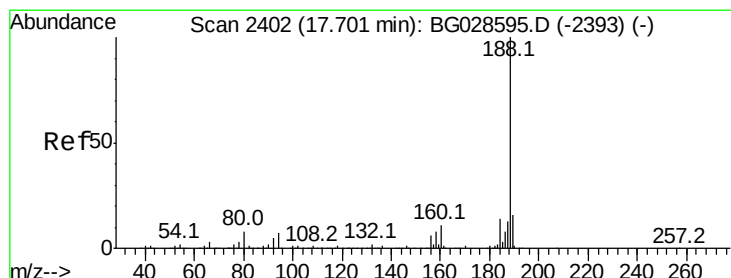
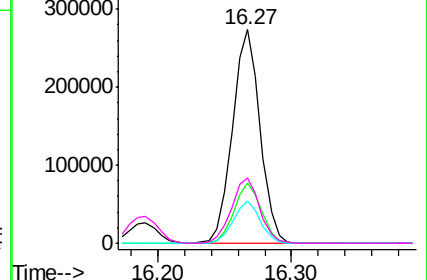
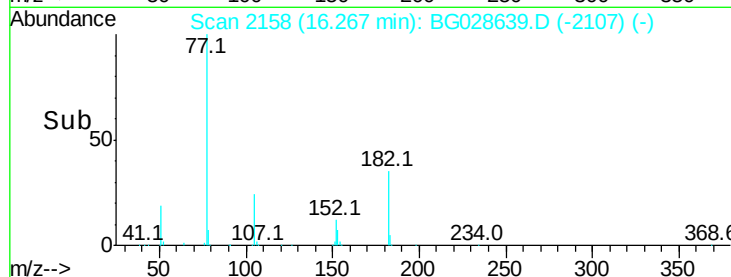


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

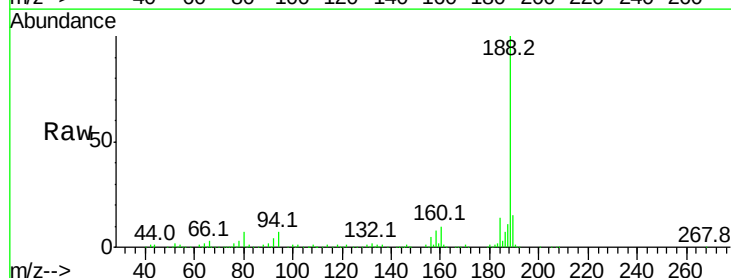
Tgt Ion: 188 Resp: 266465

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

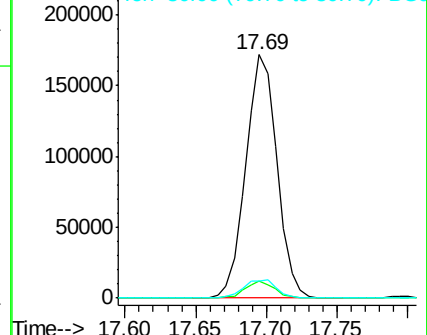
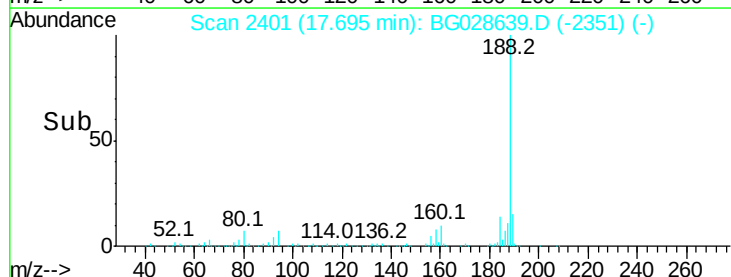
80 7.2 7.5 11.3#

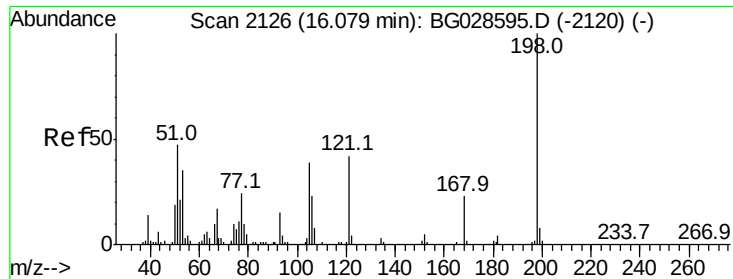


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

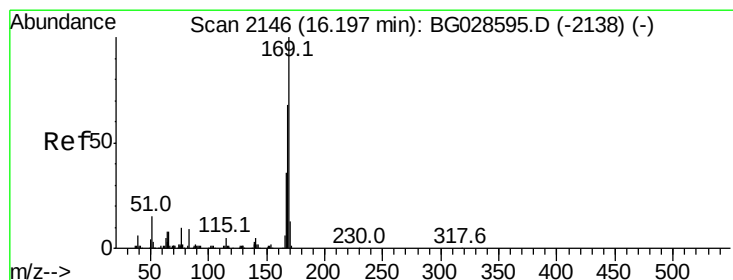
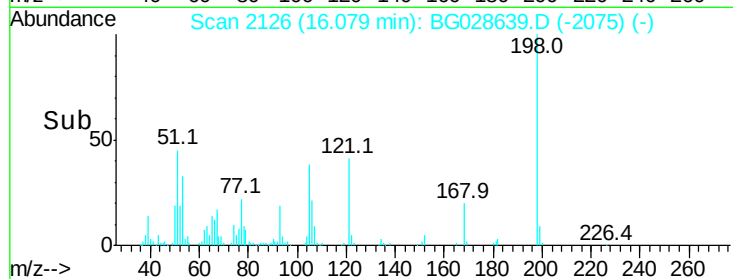
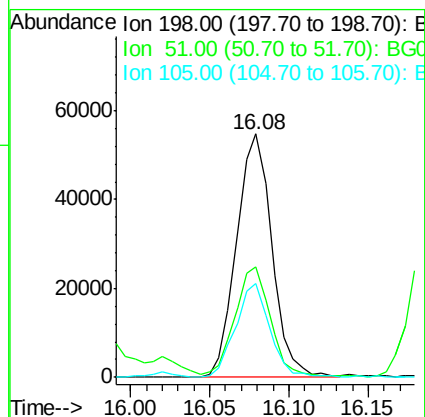
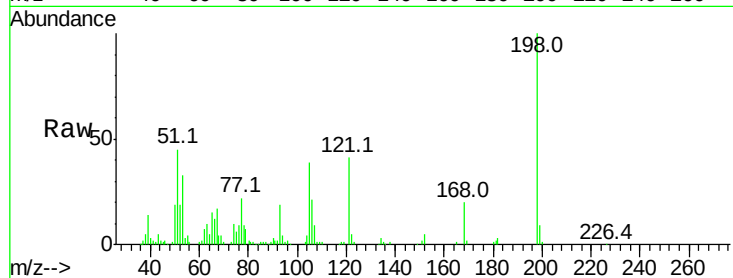




#64
4,6-Dinitro-2-methylphenol
Concen: 44.980 ng
RT: 16.08 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

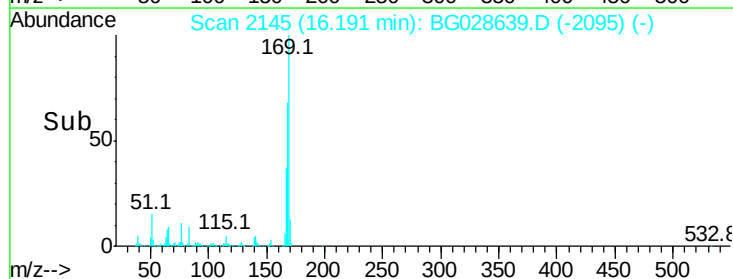
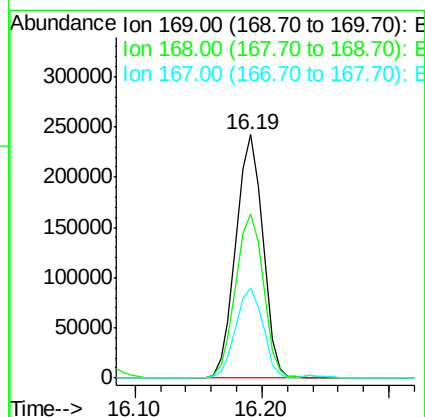
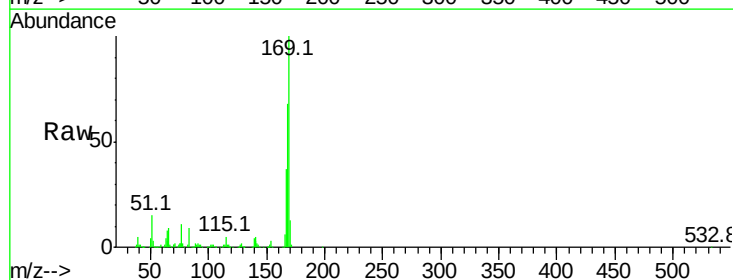
Instrument :
BNA_G
ClientSampleId :

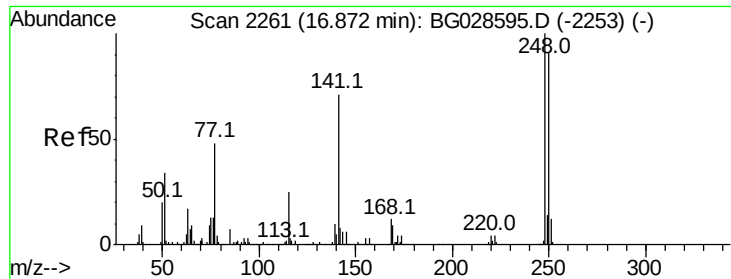
Tot Ion:198 Resp: 85120
Ion Ratio Lower Upper
198 100
51 45.3 22.6 62.6
105 38.6 14.4 54.4



#65
n-Nitrosodiphenylamine
Concen: 45.387 ng
RT: 16.19 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:169 Resp: 357141
Ion Ratio Lower Upper
169 100
168 67.6 55.7 83.5
167 37.0 29.8 44.6

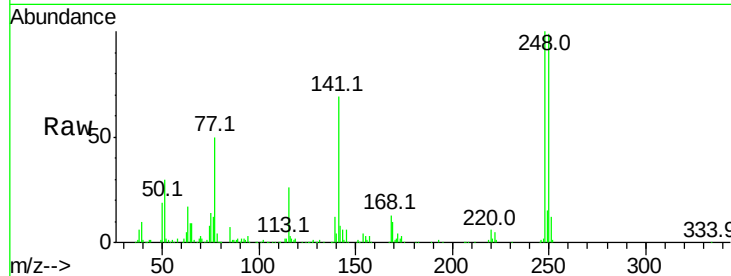




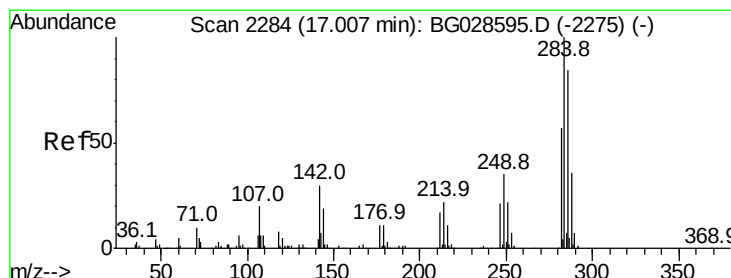
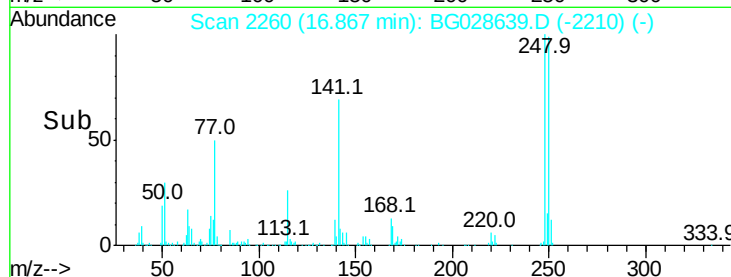
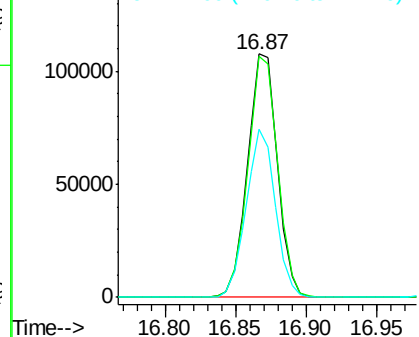
#66
4-Bromophenyl-phenylether
Concen: 46.049 ng
RT: 16.87 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 159329
Ion Ratio Lower Upper
248 100
250 99.0 75.0 112.6
141 68.9 55.2 82.8

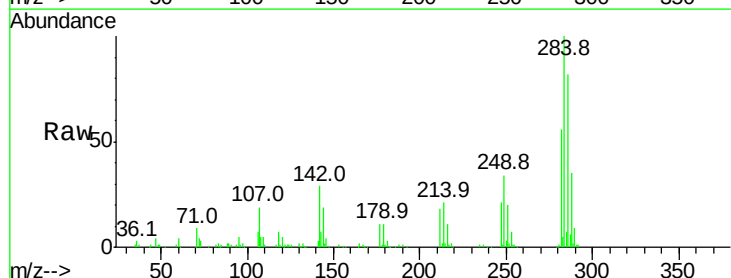


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

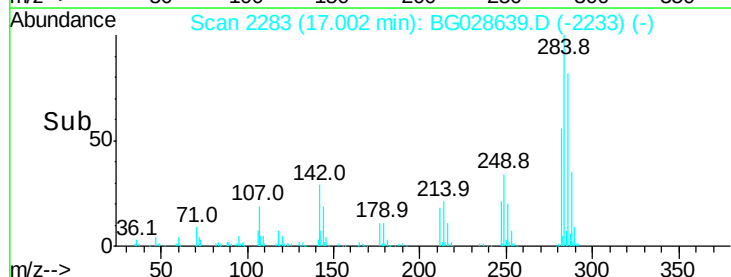
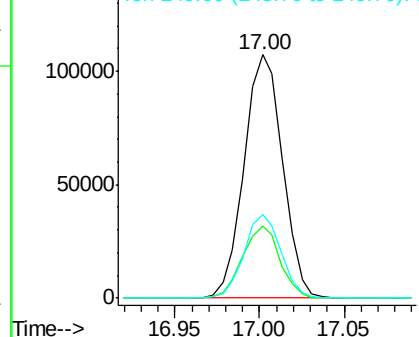


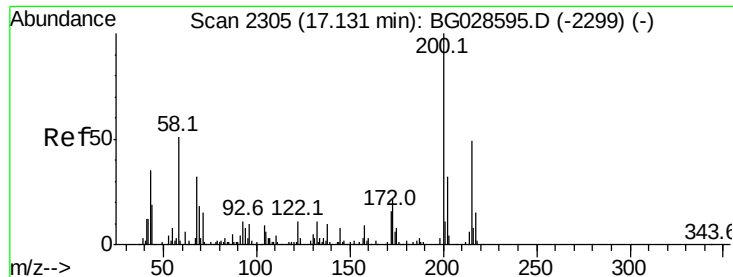
#67
Hexachlorobenzene
Concen: 44.667 ng
RT: 17.00 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:284 Resp: 170082
Ion Ratio Lower Upper
284 100
142 29.5 29.9 44.9#
249 34.2 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

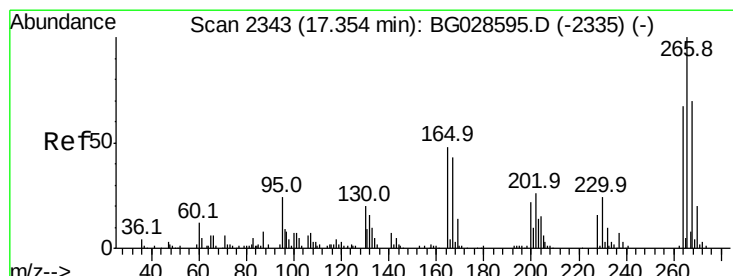
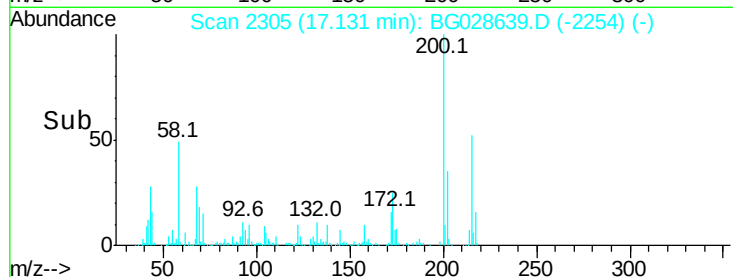
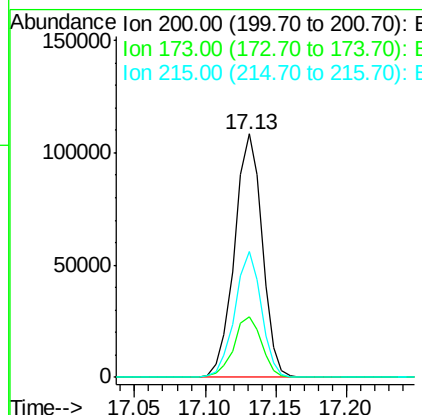
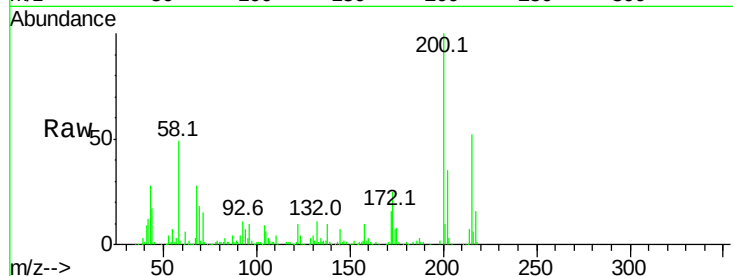




#68
 Atrazine
 Concen: 52.189 ng
 RT: 17.13 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

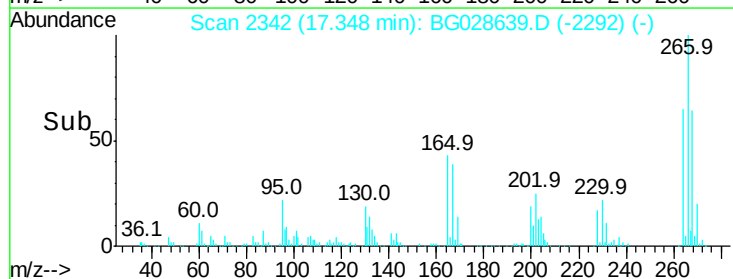
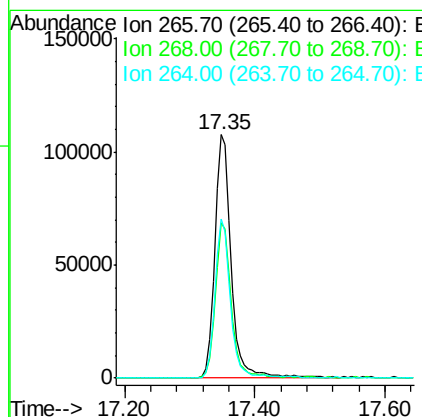
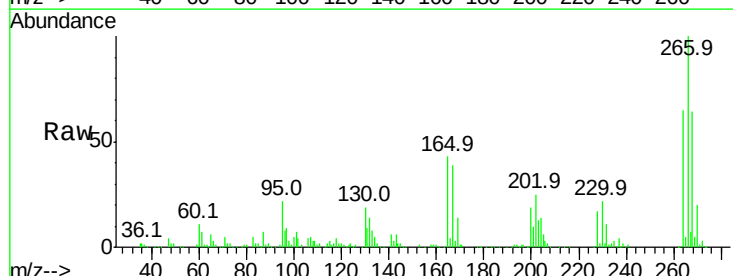
Instrument :
 BNA_G
 ClientSampleId :

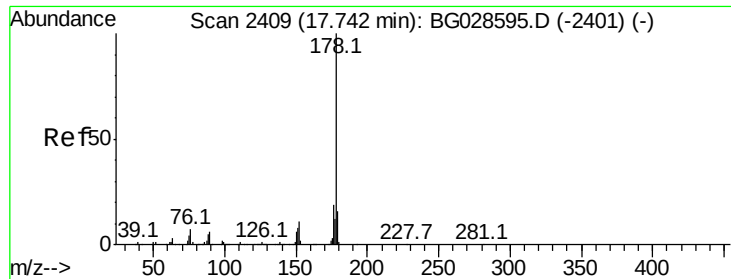
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	3.0	43.0
215	51.8	28.4	68.4



#69
 Pentachlorophenol
 Concen: 105.700 ng
 RT: 17.35 min Scan# 2342
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	48.6	72.8
264	65.2	50.1	75.1

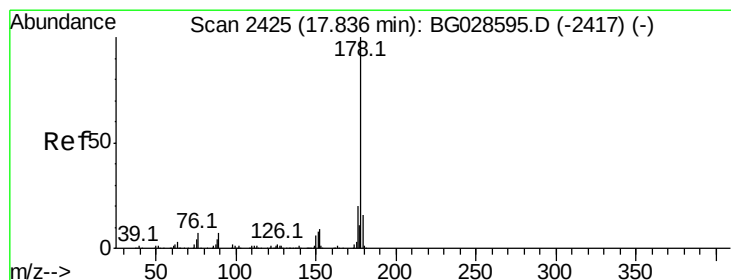
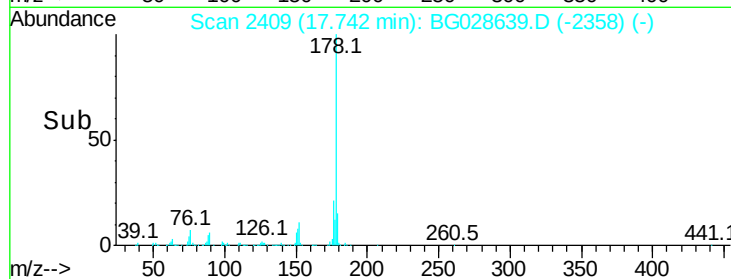
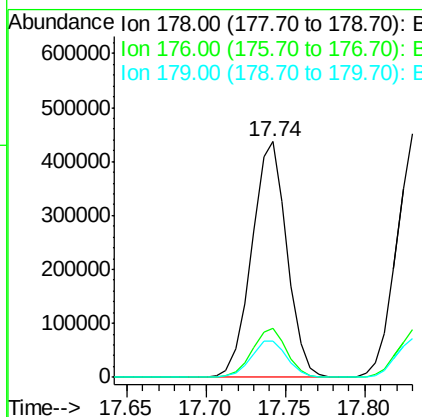
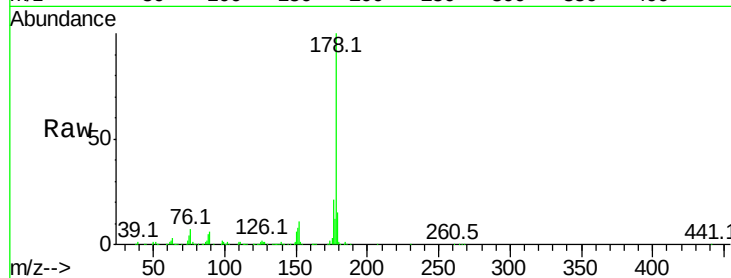




#70
Phenanthrene
Concen: 47.366 ng
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

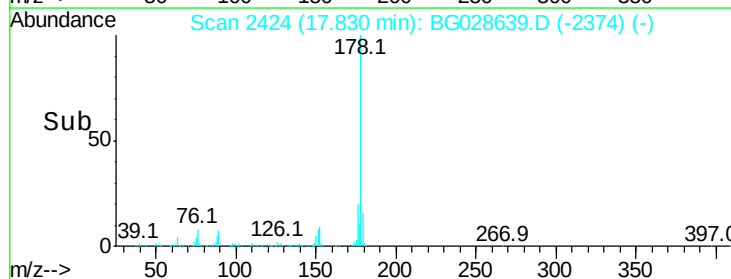
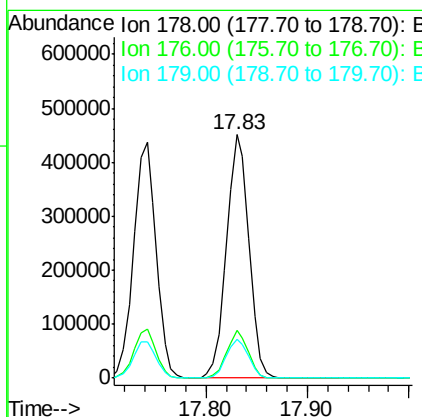
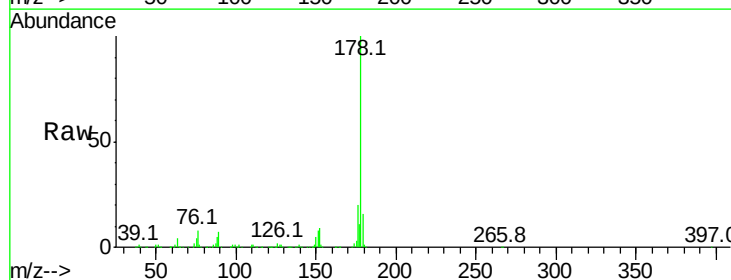
Instrument :
BNA_G
ClientSampleId :

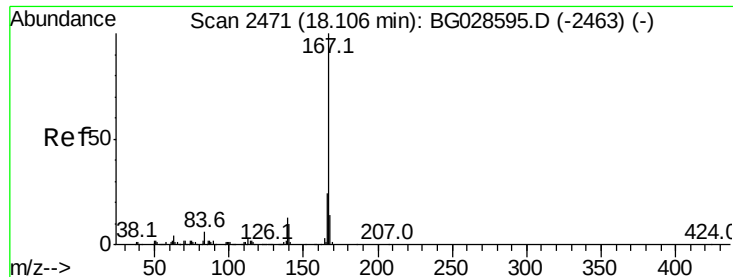
Tot Ion:178 Resp: 671181
Ion Ratio Lower Upper
178 100
176 20.9 17.7 26.5
179 15.3 15.0 22.6



#71
Anthracene
Concen: 47.832 ng
RT: 17.83 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:178 Resp: 689275
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 16.1 13.8 20.8





#72

Carbazole

Concen: 48.109 ng

RT: 18.10 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampled :

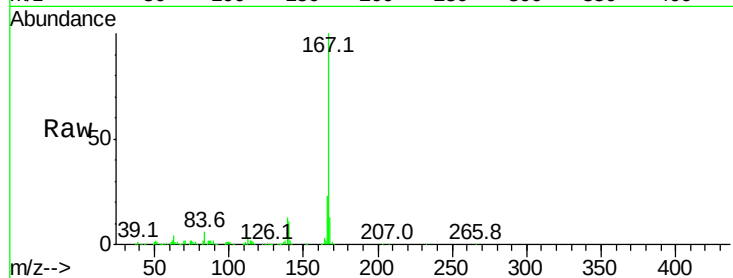
Tot Ion:167 Resp: 620212

Ion Ratio Lower Upper

167 100

166 23.1 20.2 30.2

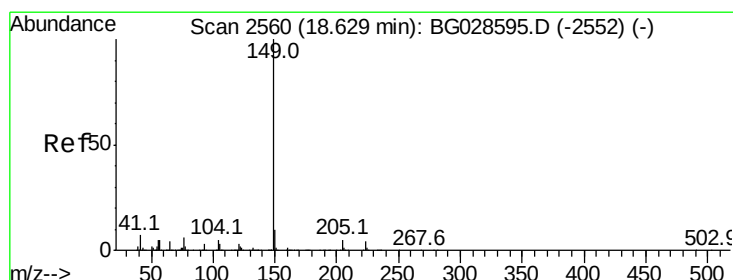
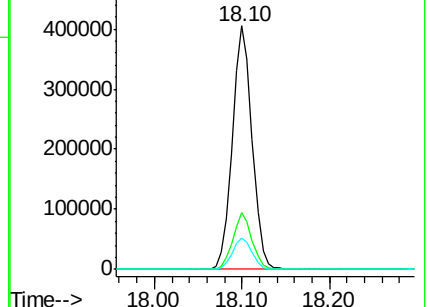
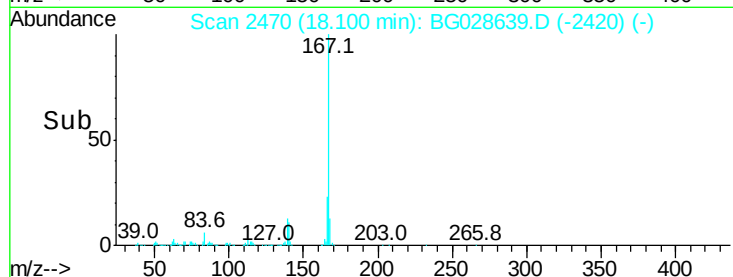
139 13.0 12.8 19.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.075 ng

RT: 18.62 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

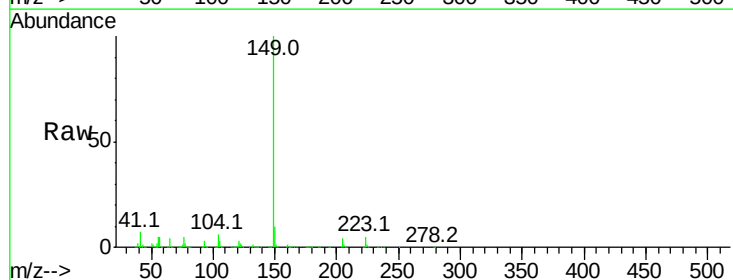
Tgt Ion:149 Resp: 736956

Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

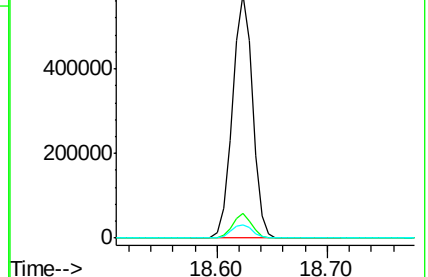
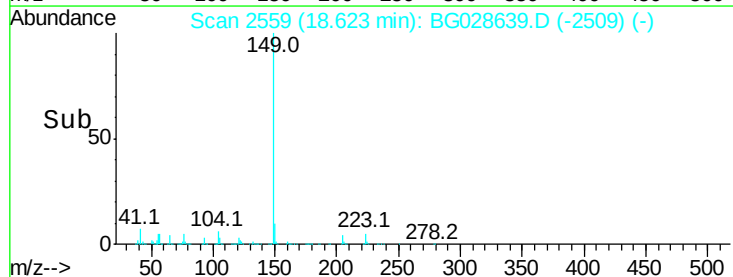
104 5.7 6.7 10.1#

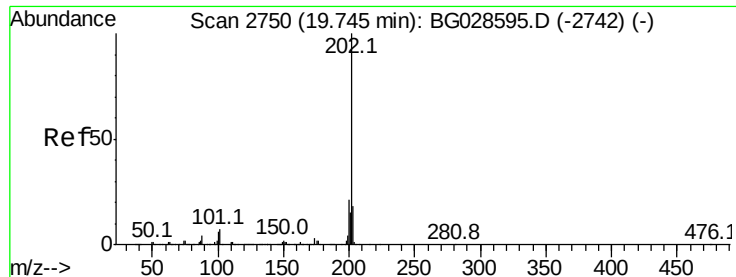


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.092 ng

RT: 19.74 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

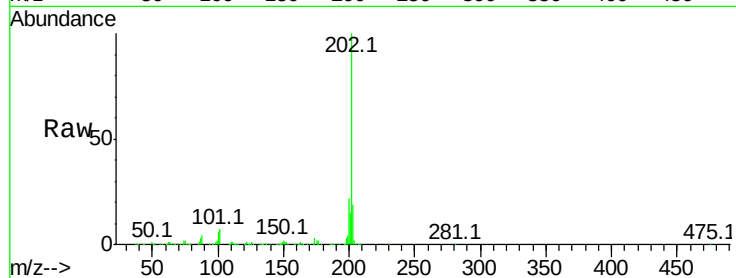
Tot Ion:202 Resp: 851928

Ion Ratio Lower Upper

202 100

101 7.3 0.0 30.1

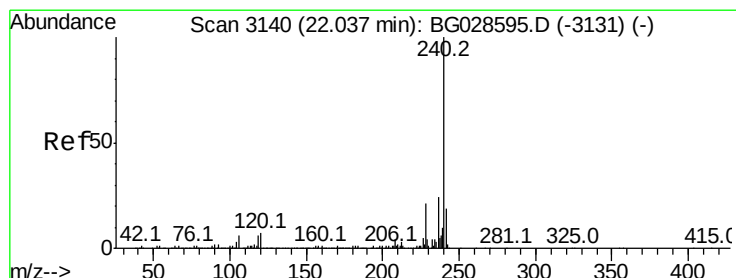
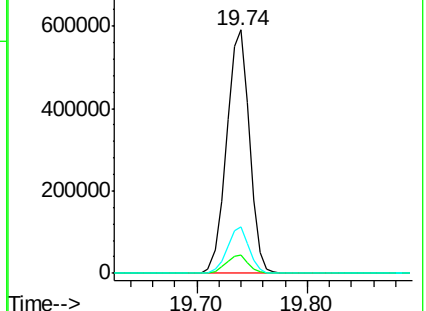
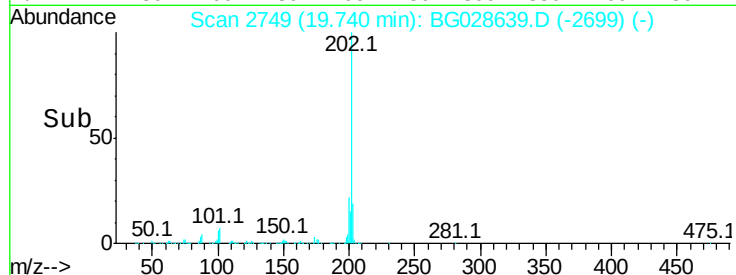
203 19.1 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

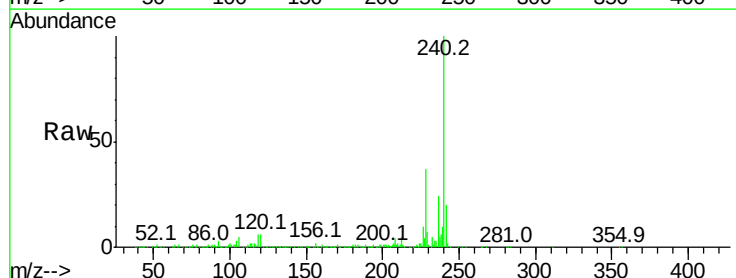
Tgt Ion:240 Resp: 327221

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

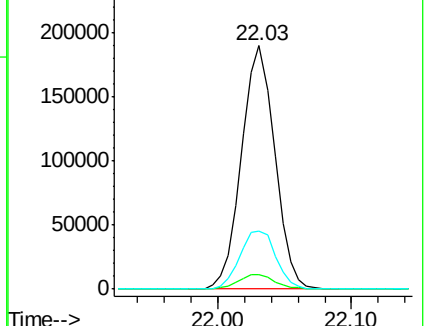
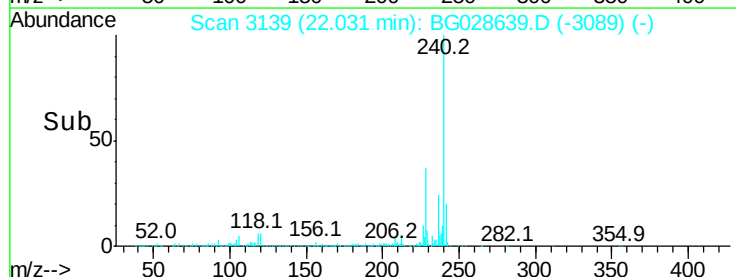
236 23.8 22.2 33.4

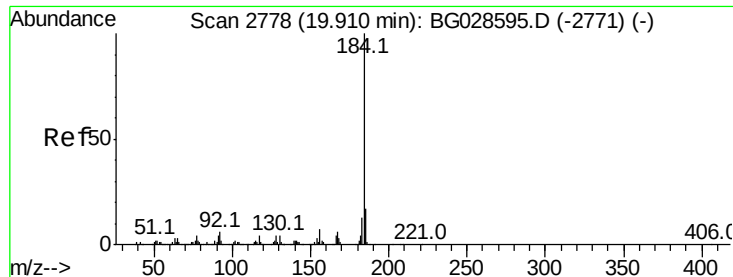


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 16.535 ng

RT: 19.91 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

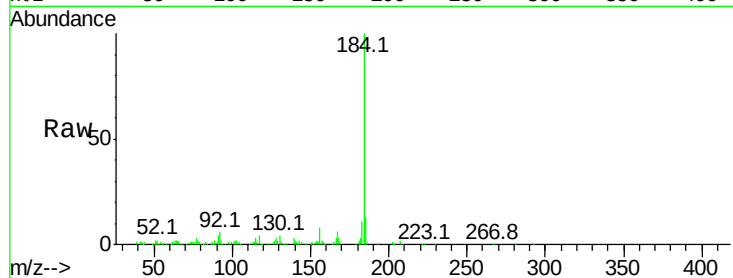
Tot Ion:184 Resp: 109922

Ion Ratio Lower Upper

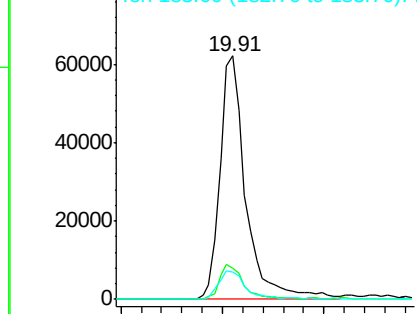
184 100

185 12.7 13.0 19.6#

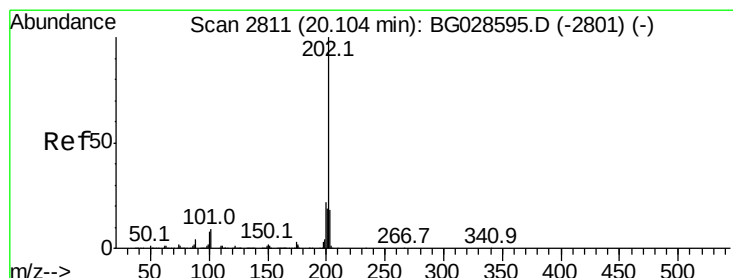
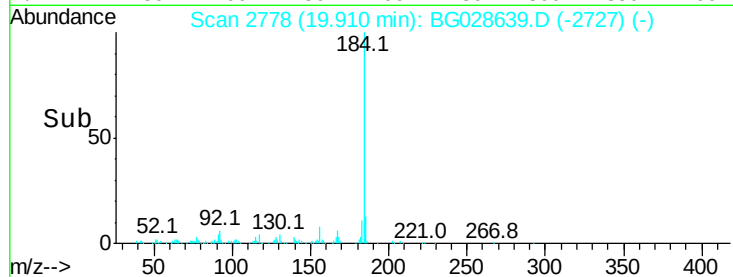
183 11.5 11.0 16.6



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



Time--> 19.80 19.90 20.00



#77

Pyrene

Concen: 45.090 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

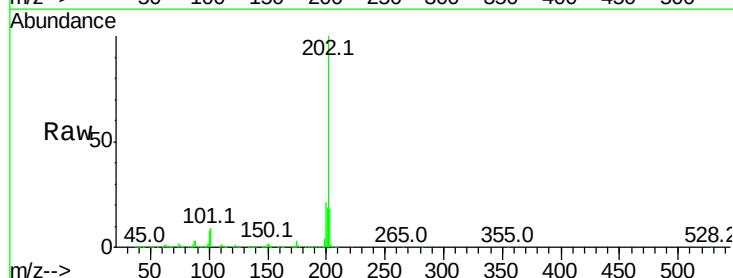
Tgt Ion:202 Resp: 875123

Ion Ratio Lower Upper

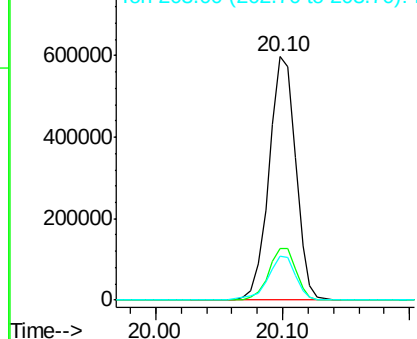
202 100

200 21.1 19.6 29.4

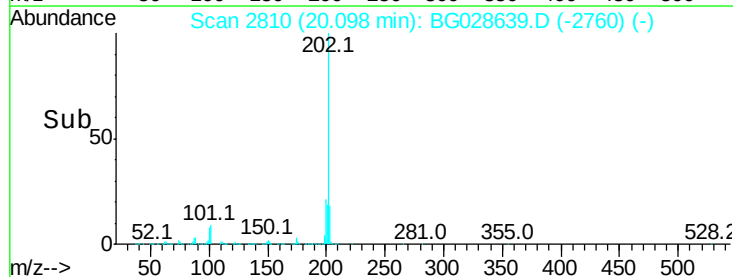
203 17.9 15.8 23.8

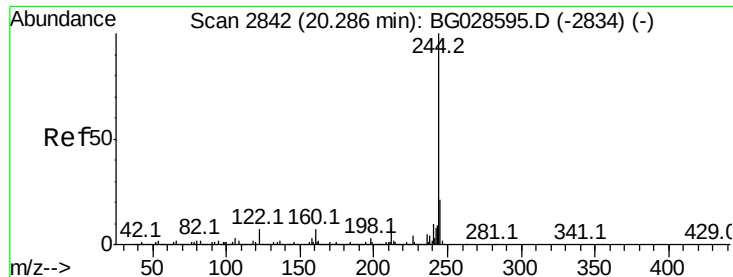


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 20.00 20.10

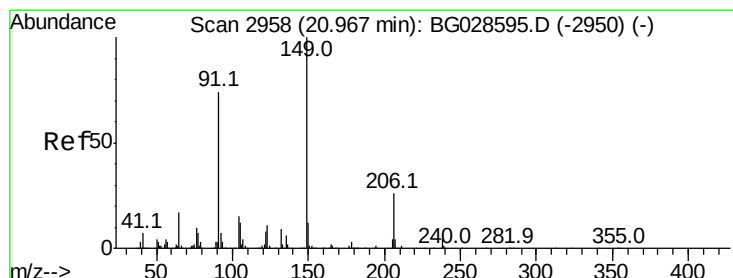
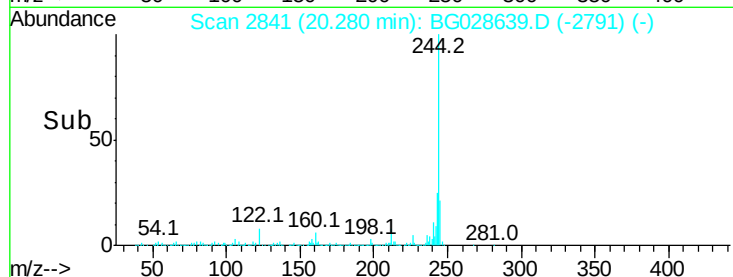
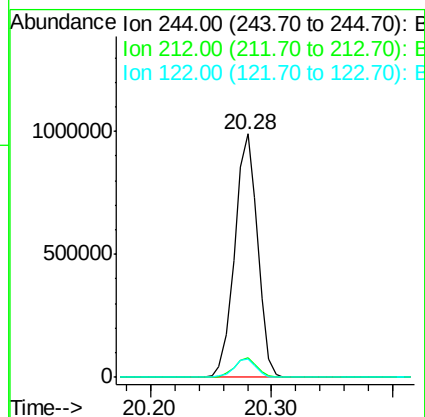
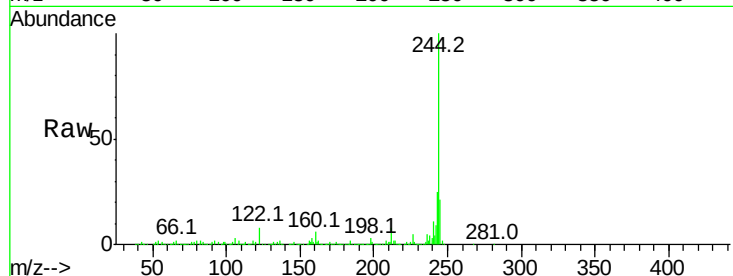




#78
 Terphenyl-d14
 Concen: 85.856 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

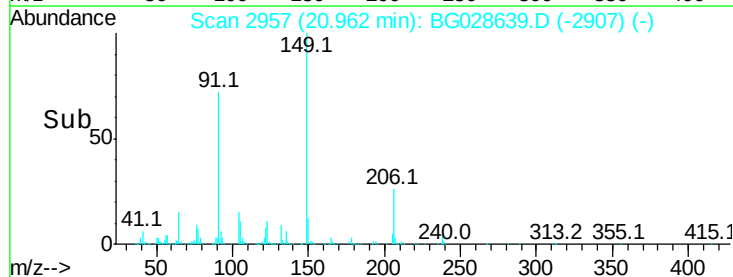
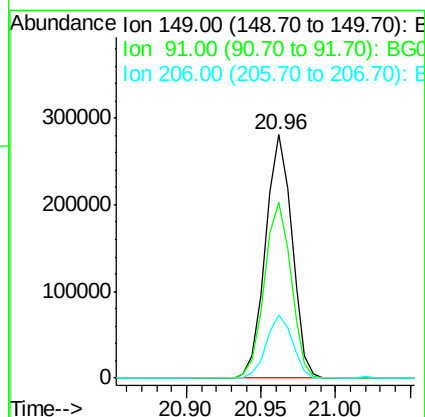
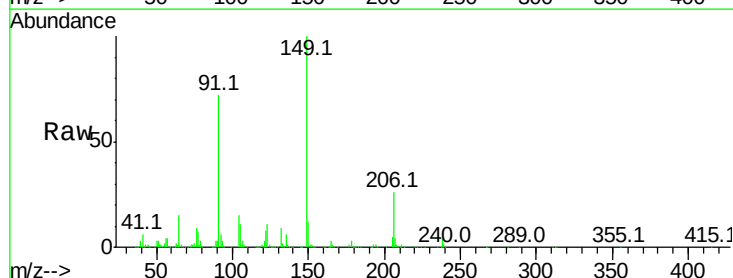
Instrument :
 BNA_G
 ClientSampleId :

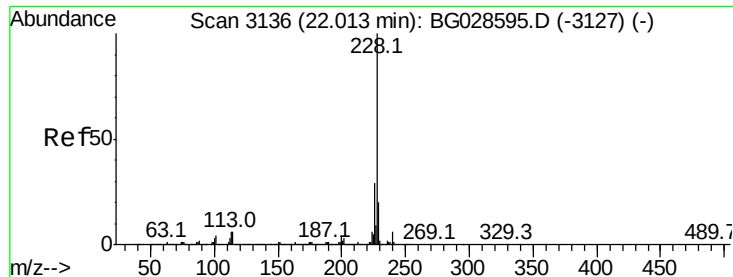
Tot Ion:244 Resp: 1303952
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.0 15.0#
 122 7.6 8.6 12.8#



#79
 Butylbenzylphthalate
 Concen: 45.908 ng
 RT: 20.96 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BG028639.D
 Acq: 11 Sep 2017 13:17

Tgt Ion:149 Resp: 344649
 Ion Ratio Lower Upper
 149 100
 91 72.4 63.5 95.3
 206 25.9 21.0 31.6

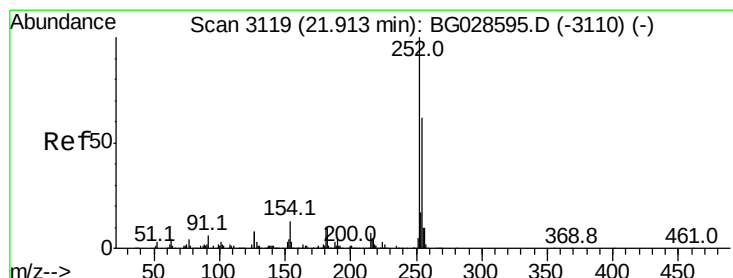
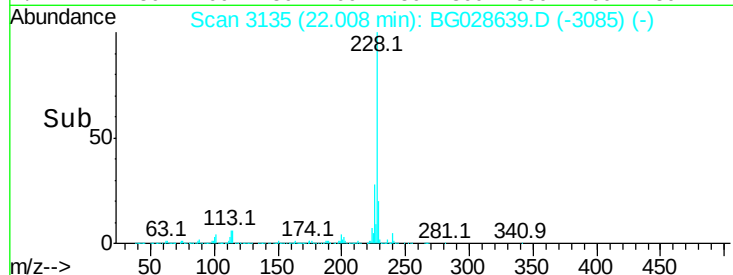
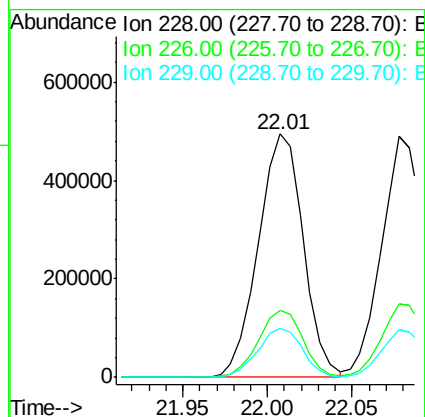
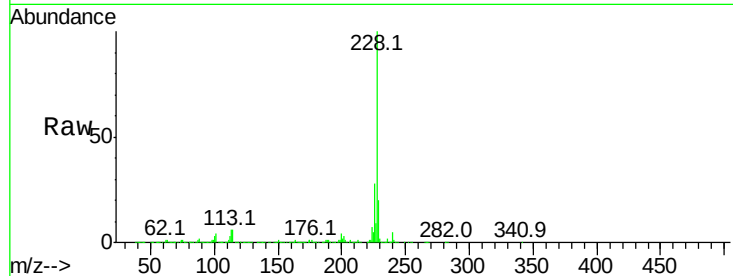




#80
Benzo(a)anthracene
Concen: 46.674 ng
RT: 22.01 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

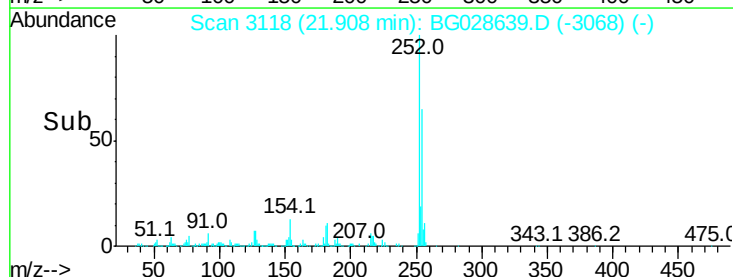
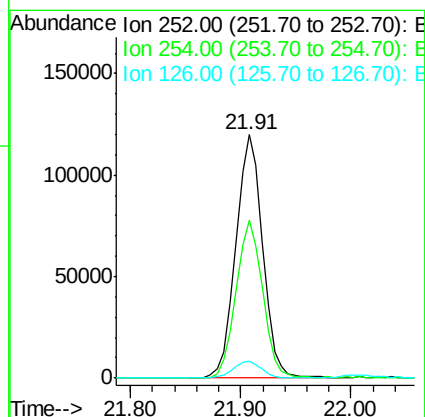
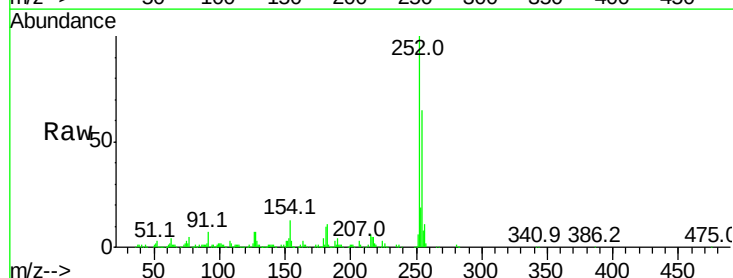
Instrument :
BNA_G
ClientSampleId :

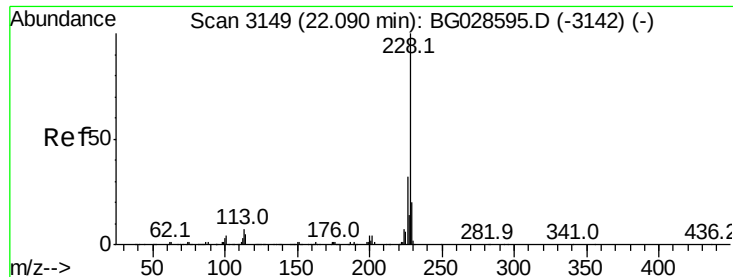
Tot Ion:228 Resp: 914454
Ion Ratio Lower Upper
228 100
226 27.7 24.9 37.3
229 20.3 18.2 27.2



#81
3,3'-Dichlorobenzidine
Concen: 27.300 ng
RT: 21.91 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:252 Resp: 205510
Ion Ratio Lower Upper
252 100
254 64.6 53.1 79.7
126 6.7 7.0 10.4#





#82

Chrysene

Concen: 46.381 ng

RT: 22.08 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

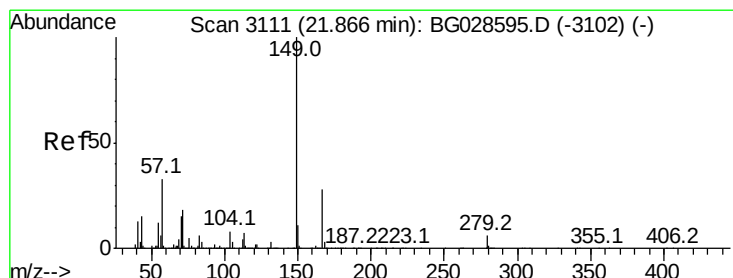
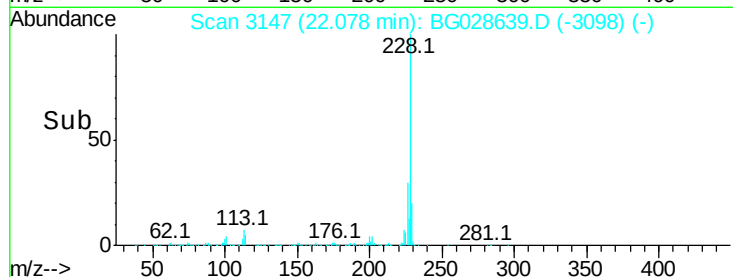
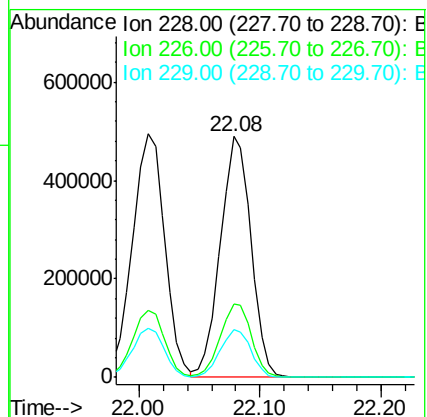
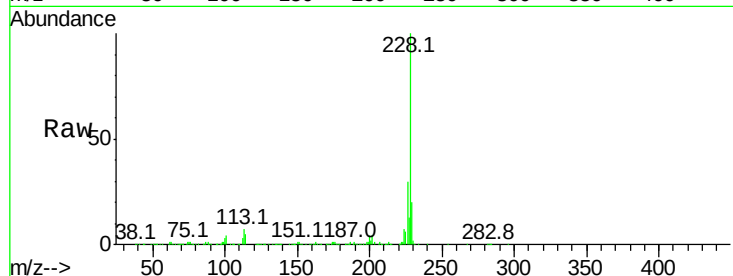
Tot Ion:228 Resp: 856956

Ion	Ratio	Lower	Upper
228	100		
226	30.3	27.0	40.4
229	20.0	17.8	26.6

228 100

226 30.3 27.0 40.4

229 20.0 17.8 26.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.384 ng

RT: 21.86 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

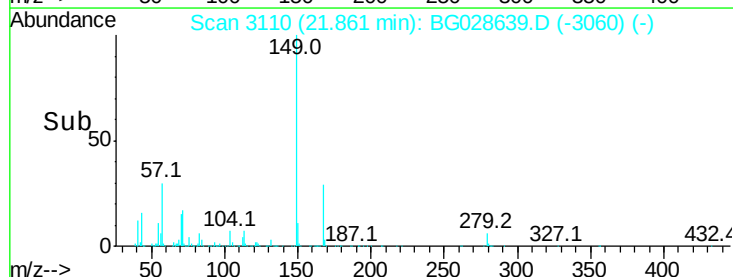
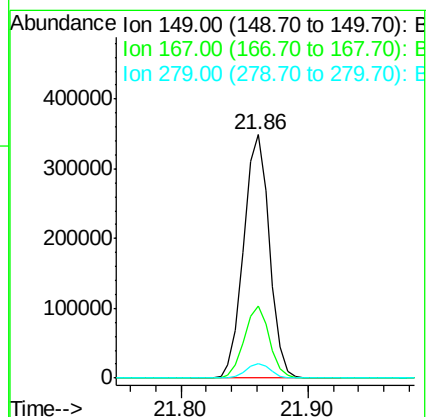
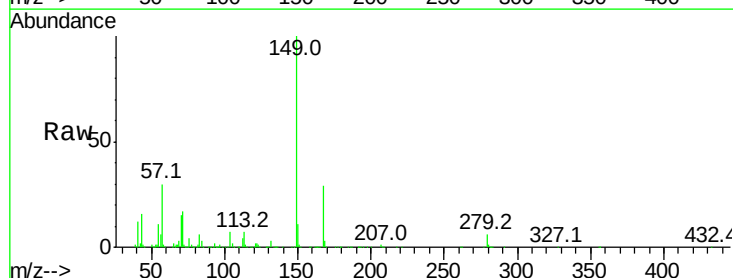
Tgt Ion:149 Resp: 490908

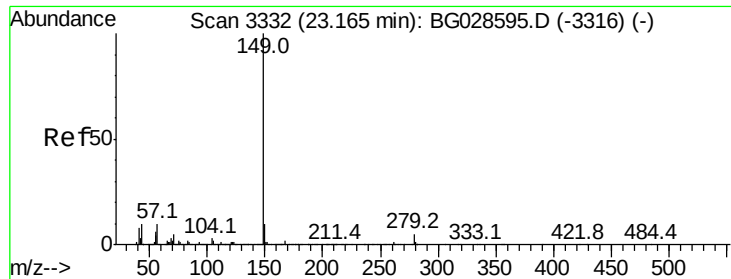
Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	6.0	4.6	6.8

149 100

167 29.4 23.7 35.5

279 6.0 4.6 6.8

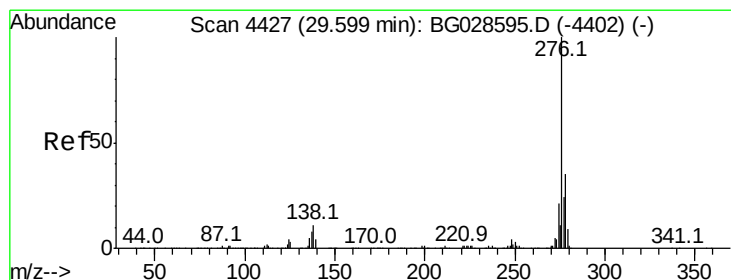
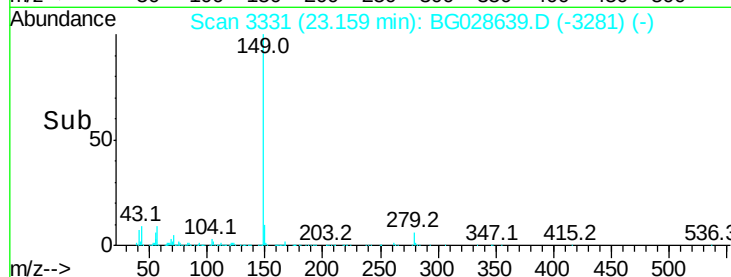
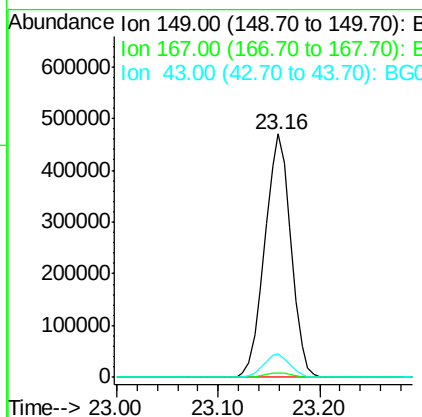
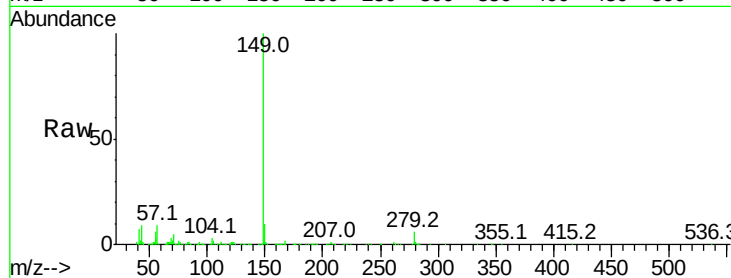




#84
Di-n-octyl phthalate
Concen: 45.794 ng
RT: 23.16 min Scan# 3331
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

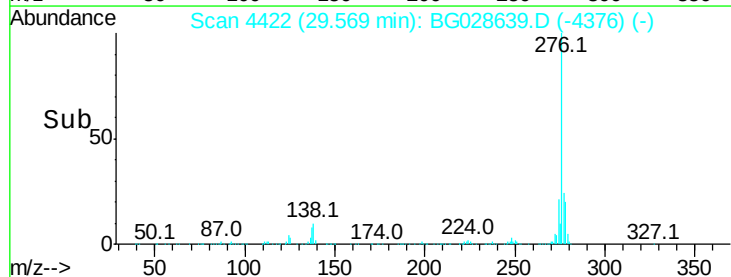
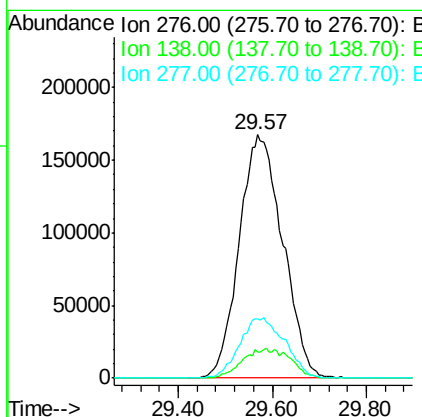
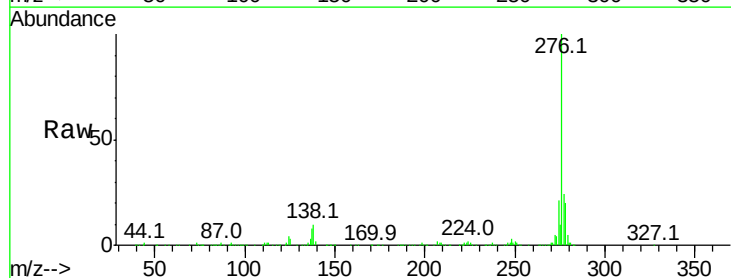
Instrument :
BNA_G
ClientSampleId :

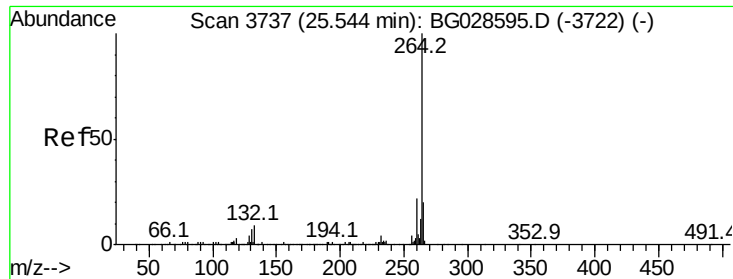
Tot Ion:149 Resp: 849020
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 9.5 11.8 17.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 49.027 ng
RT: 29.57 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:276 Resp: 1073147
Ion Ratio Lower Upper
276 100
138 13.4 4.7 7.1#
277 25.8 20.6 31.0

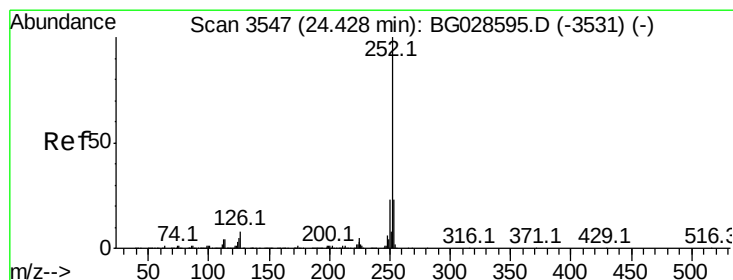
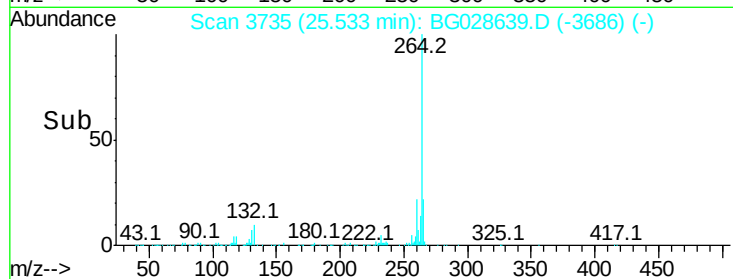
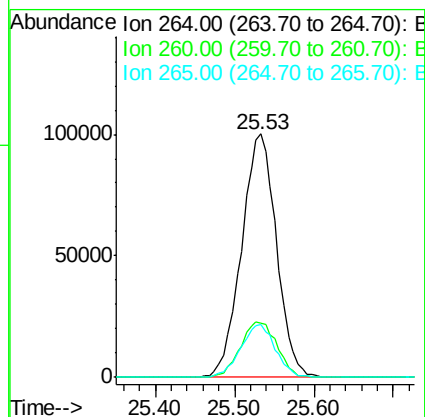
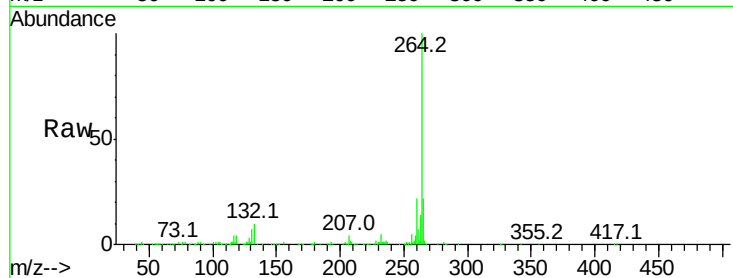




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

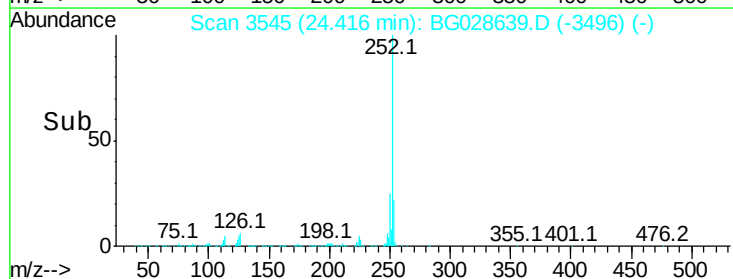
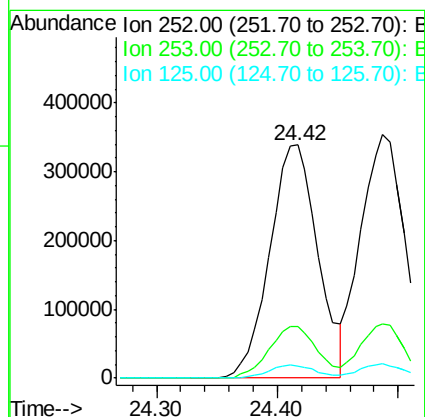
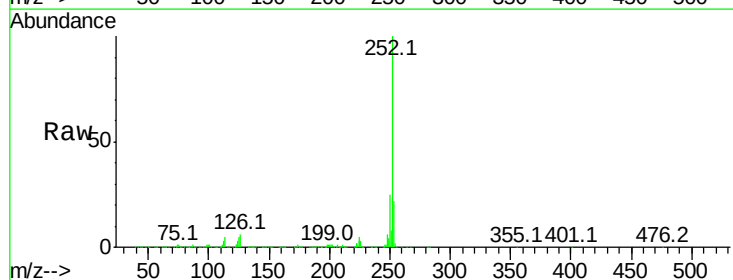
Instrument :
BNA_G
ClientSampleId :

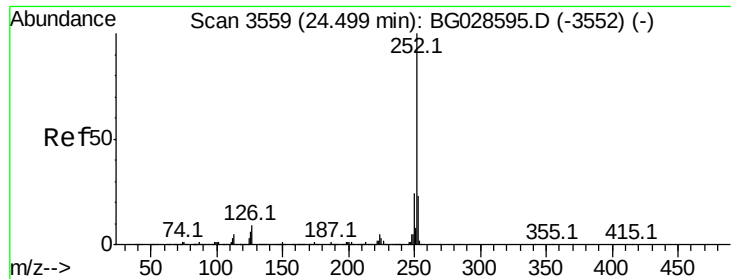
Tot Ion:264 Resp: 305422
Ion Ratio Lower Upper
264 100
260 22.3 21.8 32.8
265 21.6 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 48.742 ng
RT: 24.42 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG028639.D
Acq: 11 Sep 2017 13:17

Tgt Ion:252 Resp: 932460
Ion Ratio Lower Upper
252 100
253 21.9 18.7 28.1
125 5.3 5.3 7.9





#88

Benzo(k)fluoranthene

Concen: 48.493 ng

RT: 24.49 min Scan# 3557

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampleId :

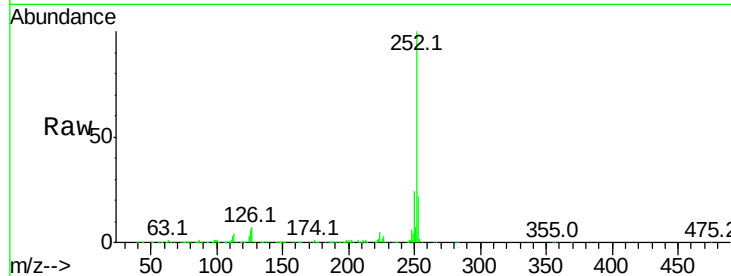
Tot Ion:252 Resp: 895766

Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

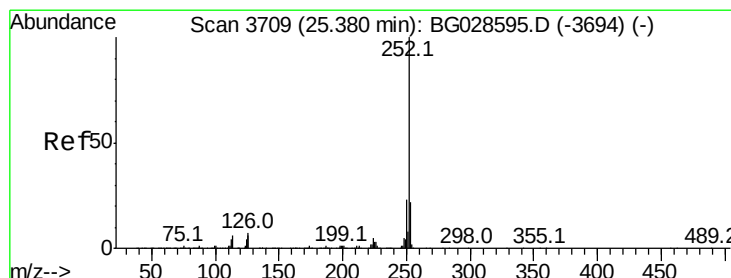
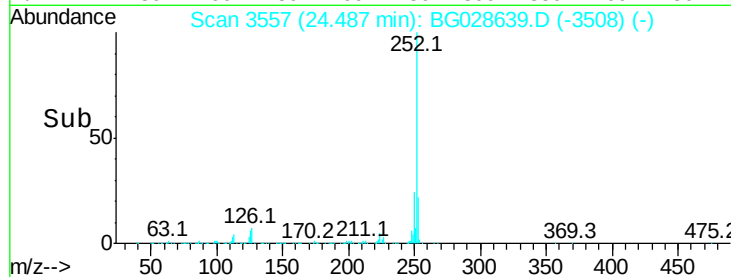
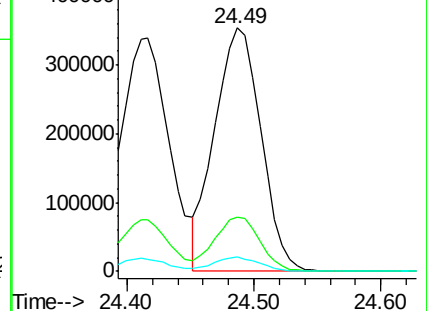
125 5.8 5.1 7.7



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: 49.299 ng

RT: 25.37 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

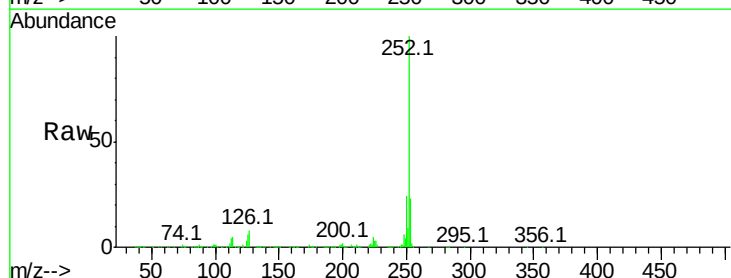
Tgt Ion:252 Resp: 884617

Ion Ratio Lower Upper

252 100

253 22.5 19.2 28.8

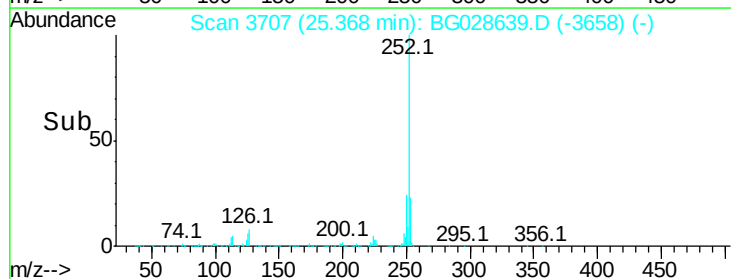
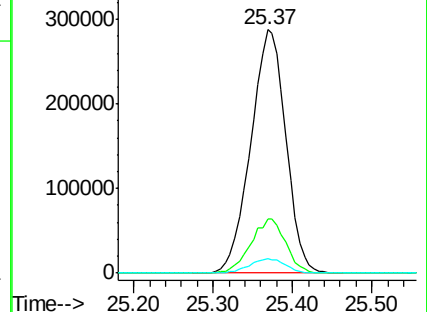
125 5.9 5.4 8.0

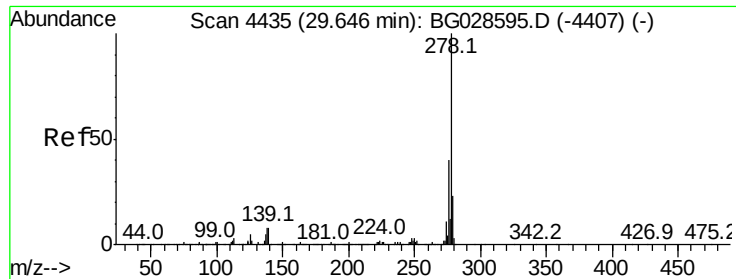


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.013 ng

RT: 29.63 min Scan# 4433

Delta R.T. -0.01 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

Instrument :

BNA_G

ClientSampled :

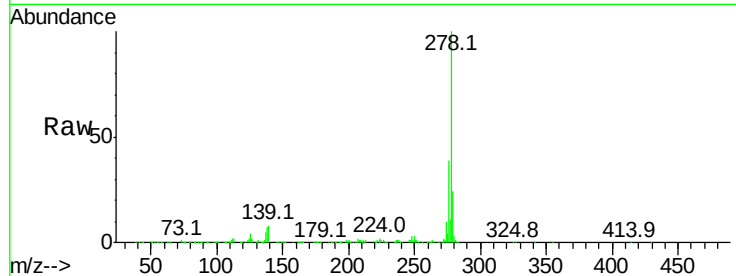
Tot Ion:278 Resp: 912587

Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.7	11.5
279	24.4	19.1	28.7

278 100

139 8.3 7.7 11.5

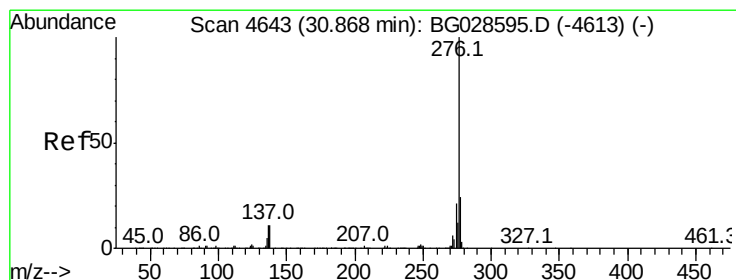
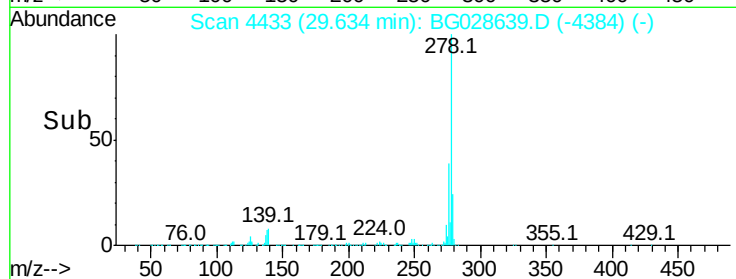
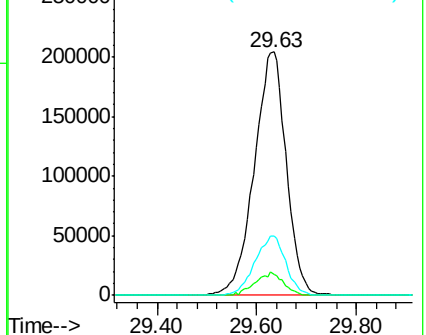
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.392 ng

RT: 30.84 min Scan# 4638

Delta R.T. -0.03 min

Lab File: BG028639.D

Acq: 11 Sep 2017 13:17

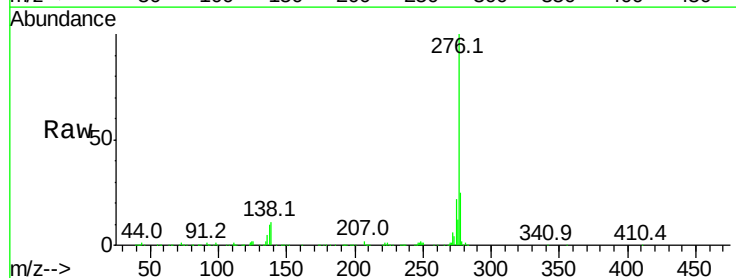
Tgt Ion:276 Resp: 883693

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	11.5	8.1	12.1

276 100

277 24.6 18.6 27.8

138 11.5 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

