

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028681.D
 Acq On : 12 Sep 2017 22:29
 Operator : SJ/JU
 Sample : I5123-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Quant Time: Sep 13 04:06:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28290	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	118702	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	91470	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	251031	20.00	ng	0.00
75) Chrysene-d12	22.03	240	284634	20.00	ng	0.00
86) Perylene-d12	25.53	264	273796	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	208298	121.49	ng	0.00
7) Phenol-d6	7.49	99	318251	123.29	ng	0.00
23) Nitrobenzene-d5	9.50	82	208306	83.95	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	187606	124.01	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	520370	75.86	ng	0.00
78) Terphenyl-d14	20.28	244	976051	73.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.84	88	22441	32.322	ng	97
3) Pyridine	4.23	79	59595	30.090	ng	95
4) n-Nitrosodimethylamine	4.15	42	36260	40.247	ng	# 80
6) Aniline	7.66	93	87391	29.089	ng	96
8) 2-Chlorophenol	7.89	128	77892	40.754	ng	91
9) Benzaldehyde	7.48	77	10667	6.661	ng	# 86
10) Phenol	7.51	94	128760	47.264	ng	89
11) bis(2-Chloroethyl)ether	7.74	93	75253	38.475	ng	96
12) 1,3-Dichlorobenzene	8.22	146	81148	39.429	ng	92
13) 1,4-Dichlorobenzene	8.36	146	82524	38.995	ng	93
14) 1,2-Dichlorobenzene	8.69	146	81002	38.743	ng	97
15) Benzyl Alcohol	8.57	79	87942	43.641	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.85	45	136153	38.302	ng	98
17) 2-Methylphenol	8.77	107	75896	42.633	ng	93
18) Hexachloroethane	9.42	117	30508	39.333	ng	97
19) n-Nitroso-di-n-propylamine	9.12	70	72599	39.674	ng	89
20) 3+4-Methylphenols	9.10	107	105427	42.340	ng	97
22) Acetophenone	9.15	105	129999	37.456	ng	# 90
24) Nitrobenzene	9.54	77	107789	39.229	ng	95
25) Isophorone	10.06	82	201728	40.179	ng	99
26) 2-Nitrophenol	10.26	139	45245	38.690	ng	# 88
27) 2,4-Dimethylphenol	10.30	122	90848	42.500	ng	98
28) bis(2-Chloroethoxy)methane	10.53	93	108442	39.773	ng	96
29) 2,4-Dichlorophenol	10.80	162	92013	43.263	ng	93
30) 1,2,4-Trichlorobenzene	11.01	180	93815	38.666	ng	94
31) Naphthalene	11.20	128	248765	40.126	ng	98
32) Benzoic acid	10.41	122	4620	8.743	ng	# 50
33) 4-Chloroaniline	11.32	127	62037	23.887	ng	92
34) Hexachlorobutadiene	11.47	225	65741	36.787	ng	97
35) Caprolactam	12.08	113	35671	46.771	ng	# 73
36) 4-Chloro-3-methylphenol	12.42	107	117532	42.463	ng	98
37) 2-Methylnaphthalene	12.78	142	200517	43.321	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	127381	33.869	ng	98
40) Hexachlorocyclopentadiene	13.12	237	119794	81.802	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	89443	37.470	ng	97
43) 2,4,5-Trichlorophenol	13.47	196	102881	42.892	ng	91
45) 1,1'-Biphenyl	13.78	154	275450	36.371	ng	99
46) 2-Chloronaphthalene	13.83	162	212397	38.451	ng	99
47) 2-Nitroaniline	14.03	65	87826	42.781	ng	93
48) Acenaphthylene	14.67	152	355941	40.333	ng	97
49) Dimethylphthalate	14.39	163	380886	49.658	ng	96
50) 2,6-Dinitrotoluene	14.52	165	73286	42.940	ng	# 81
51) Acenaphthene	15.01	154	215353	40.171	ng	95
52) 3-Nitroaniline	14.85	138	48037	31.828	ng	93
53) 2,4-Dinitrophenol	15.06	184	14371	22.383	ng	96
54) Dibenzofuran	15.34	168	376526	44.042	ng	94
55) 4-Nitrophenol	15.16	139	86350	78.089	ng	# 81
56) 2,4-Dinitrotoluene	15.30	165	108788	45.332	ng	# 88
57) Fluorene	15.99	166	319473	41.857	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	97174	45.968	ng	# 94
59) Diethylphthalate	15.74	149	345291	43.806	ng	97
60) 4-Chlorophenyl-phenylether	15.97	204	177672	40.881	ng	93
61) 4-Nitroaniline	16.02	138	66791	41.772	ng	# 86
62) Azobenzene	16.27	77	306069	46.169	ng	90
64) 4,6-Dinitro-2-methylphenol	16.07	198	33974	20.974	ng	95
65) n-Nitrosodiphenylamine	16.19	169	276462	38.418	ng	97
66) 4-Bromophenyl-phenylether	16.87	248	128992	39.935	ng	94
67) Hexachlorobenzene	17.00	284	134081	36.472	ng	# 88
68) Atrazine	17.13	200	102592	33.203	ng	98
69) Pentachlorophenol	17.35	266	133761	80.529	ng	94
70) Phenanthrene	17.74	178	540775	42.125	ng	95
71) Anthracene	17.83	178	549791	42.397	ng	96
72) Carbazole	18.10	167	471695	40.388	ng	# 94
73) Di-n-butylphthalate	18.62	149	576599	40.264	ng	# 93
74) Fluoranthene	19.74	202	656035	41.854	ng	93
76) Benzidine	19.91	184	16243	2.201	ng	# 92
77) Pyrene	20.10	202	676830	41.225	ng	96
79) Butylbenzylphthalate	20.96	149	261549	39.446	ng	97
80) Benzo(a)anthracene	22.01	228	708217	41.336	ng	93
81) 3,3'-Dichlorobenzidine	21.91	252	122502	17.635	ng	# 96
82) Chrysene	22.08	228	667886	41.085	ng	93
83) Bis(2-ethylhexyl)phthalate	21.86	149	368842	39.128	ng	100
84) Di-n-octyl phthalate	23.16	149	647981	39.344	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.57	276	851790	40.781	ng	# 99
87) Benzo(b)fluoranthene	24.41	252	718799	43.819	ng	99
88) Benzo(k)fluoranthene	24.41	252	718799	43.869	ng	97
89) Benzo(a)pyrene	25.36	252	641433	41.196	ng	96
90) Dibenzo(a,h)anthracene	29.62	278	713257	43.939	ng	98
91) Benzo(g,h,i)perylene	30.83	276	684190	43.196	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG028681.D

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EP-13MSD

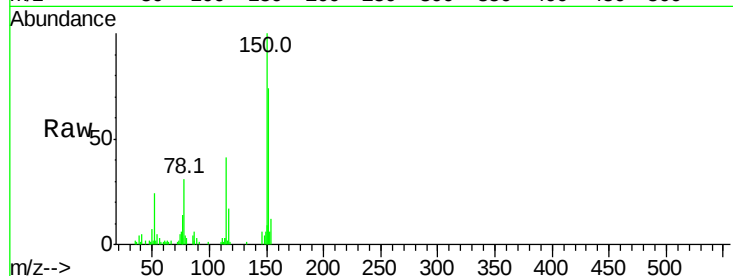
Tot Ion:152 Resp: 28290

Ion Ratio Lower Upper

152 100

150 135.8 114.0 171.0

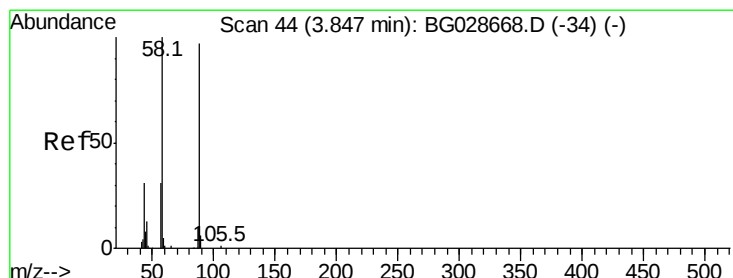
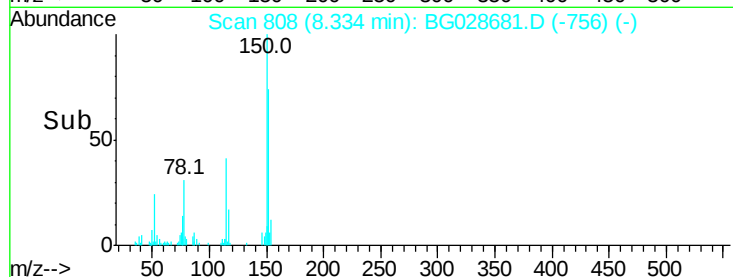
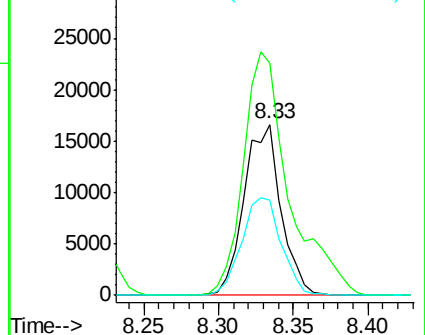
115 55.9 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.322 ng

RT: 3.84 min Scan# 43

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

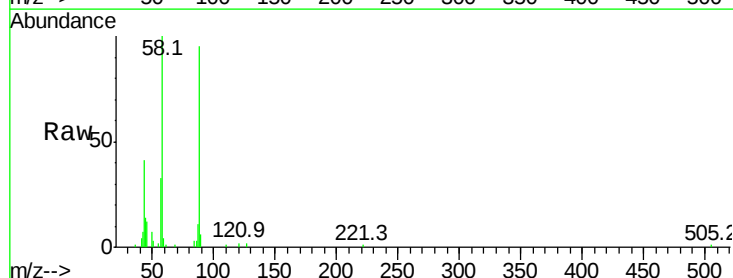
Tgt Ion: 88 Resp: 22441

Ion Ratio Lower Upper

88 100

58 102.9 79.4 119.2

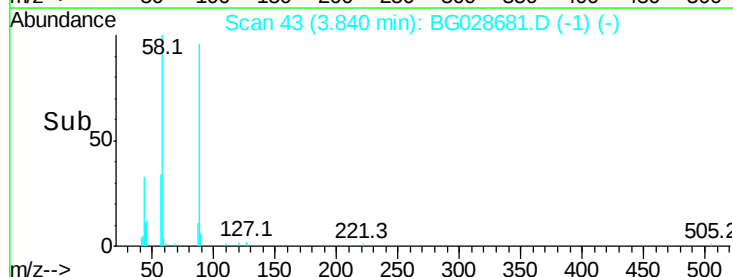
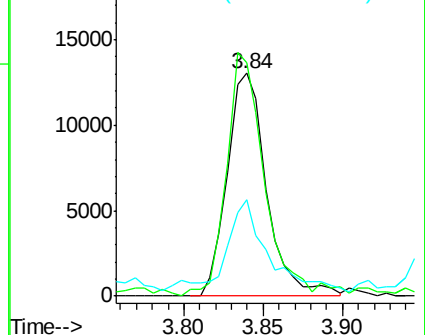
43 41.4 33.8 50.6



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: 30.090 ng

RT: 4.23 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

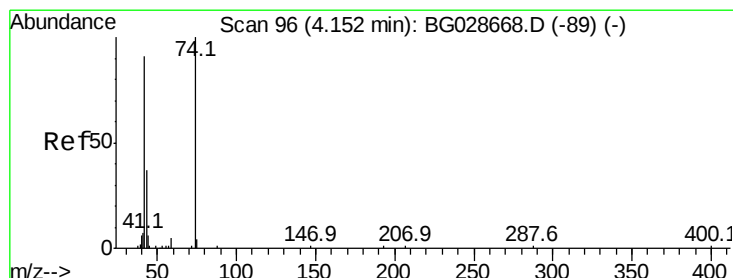
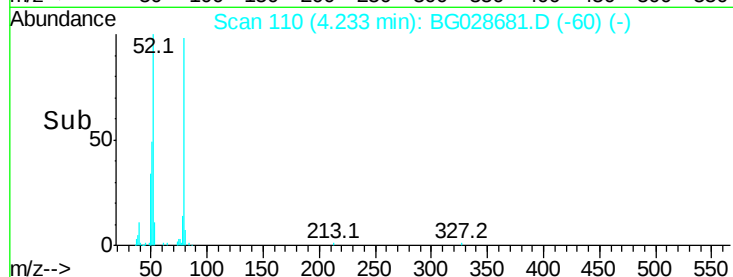
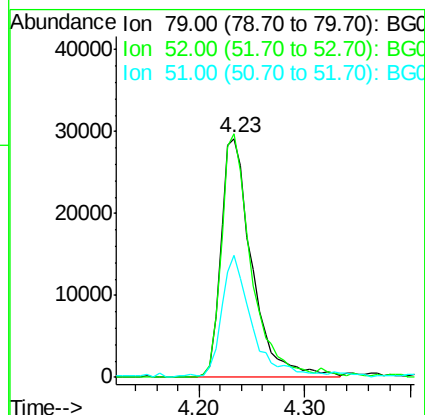
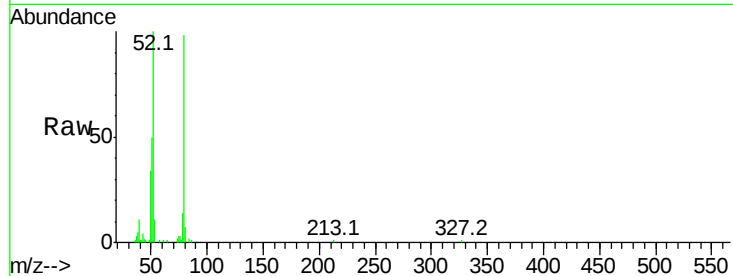
Tot Ion: 79 Resp: 59595

Ion Ratio Lower Upper

79 100

52 101.9 77.8 116.6

51 50.9 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 40.247 ng

RT: 4.15 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

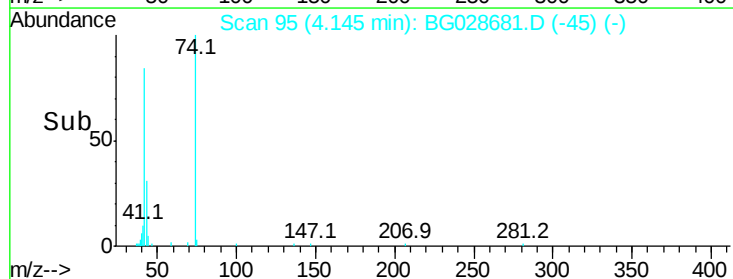
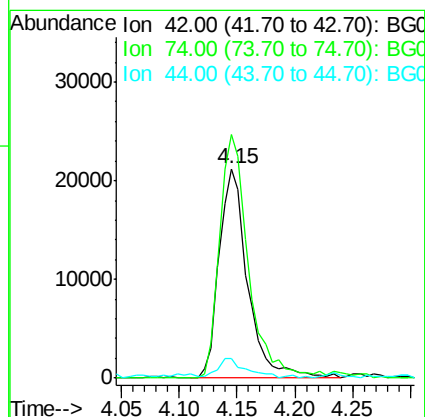
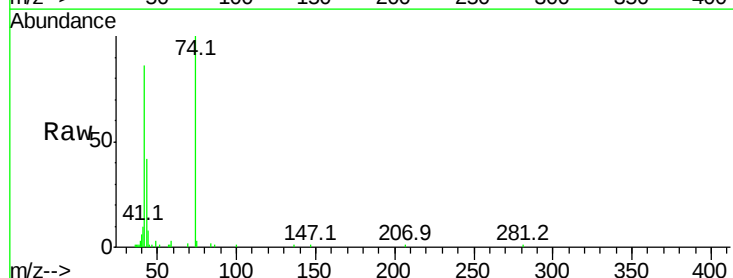
Tgt Ion: 42 Resp: 36260

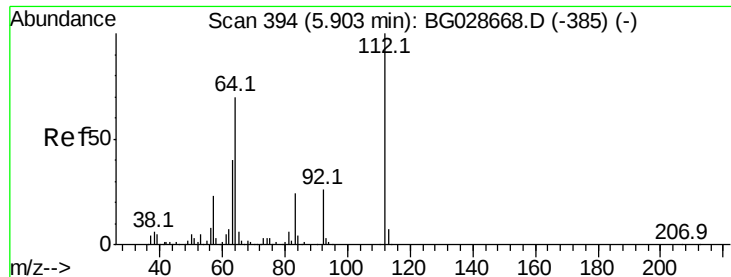
Ion Ratio Lower Upper

42 100

74 116.4 76.7 115.1#

44 9.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 121.492 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

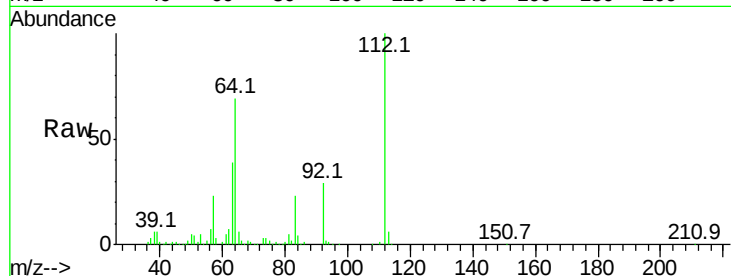
Tot Ion:112 Resp: 208298

Ion Ratio Lower Upper

112 100

64 69.2 61.8 92.6

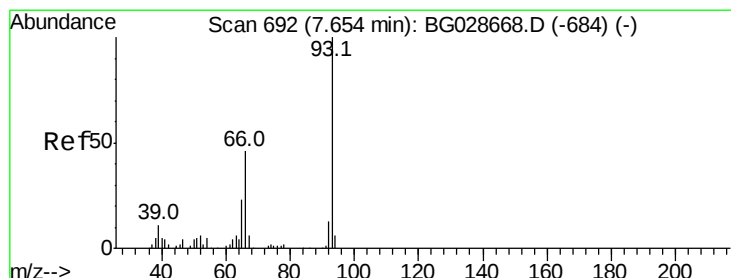
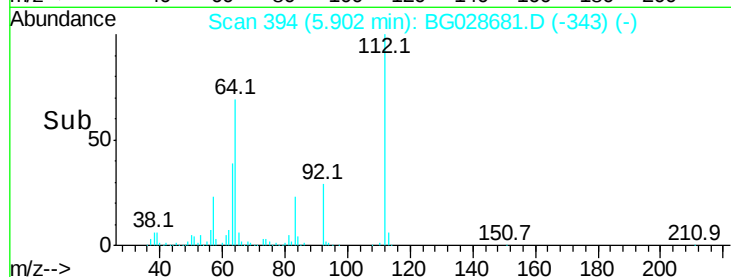
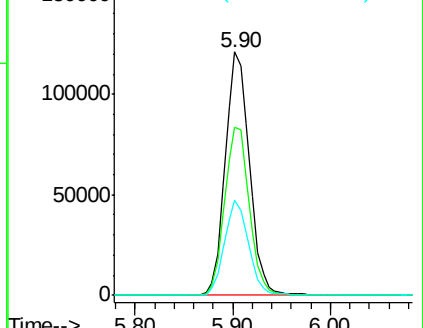
63 39.3 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.089 ng

RT: 7.66 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

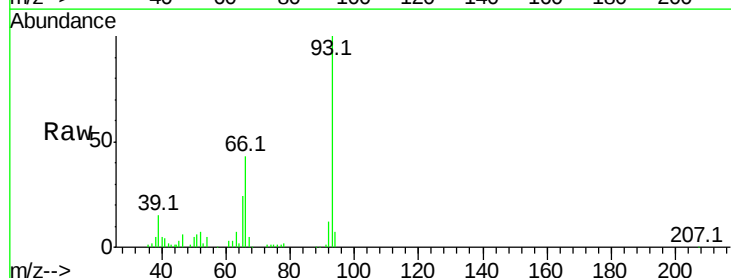
Tgt Ion: 93 Resp: 87391

Ion Ratio Lower Upper

93 100

66 42.6 35.4 53.2

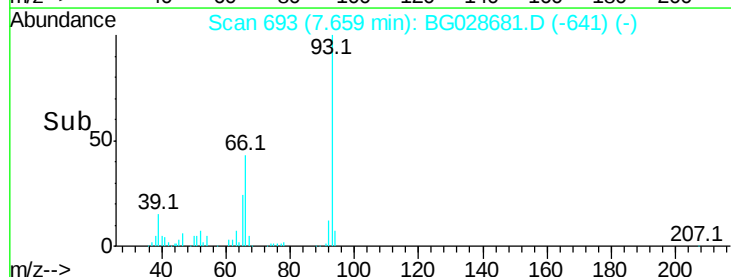
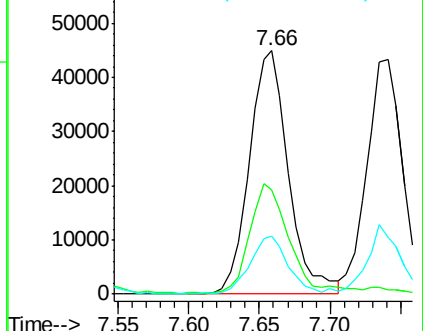
65 23.6 21.2 31.8

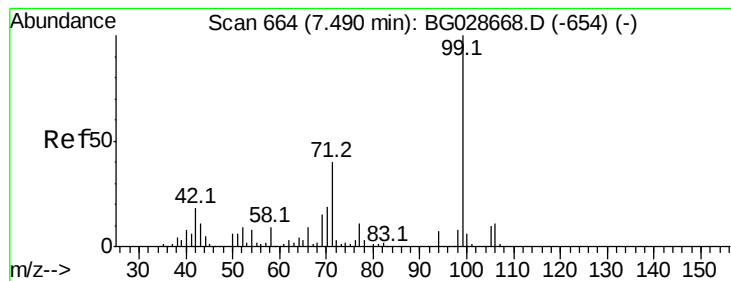


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.287 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

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ClientSampleId :

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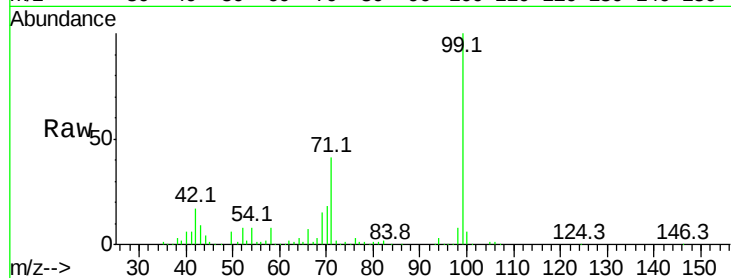
Tot Ion: 99 Resp: 318251

Ion Ratio Lower Upper

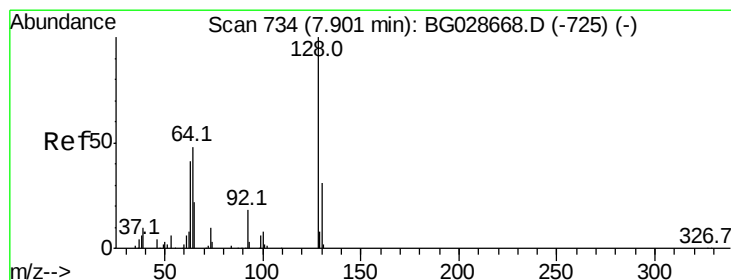
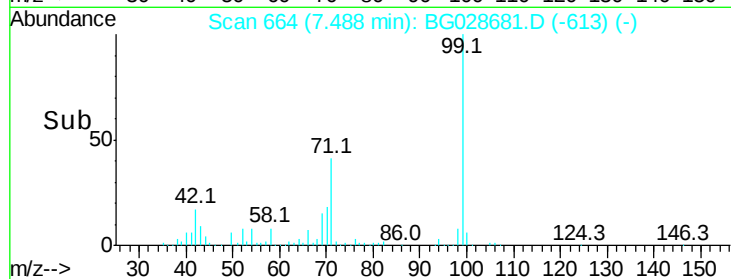
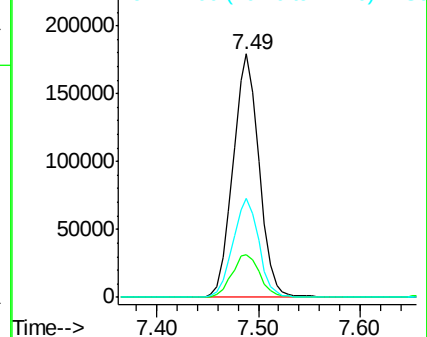
99 100

42 17.5 20.5 30.7#

71 40.7 37.6 56.4



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



#8

2-Chlorophenol

Concen: 40.754 ng

RT: 7.89 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

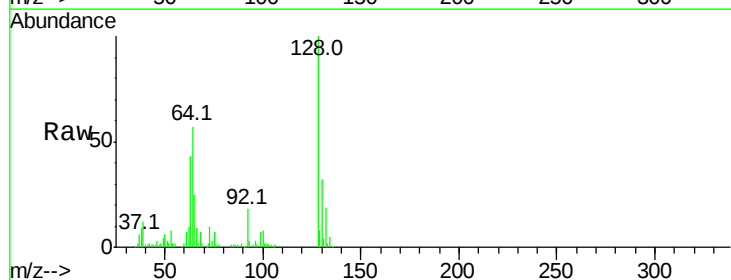
Tgt Ion:128 Resp: 77892

Ion Ratio Lower Upper

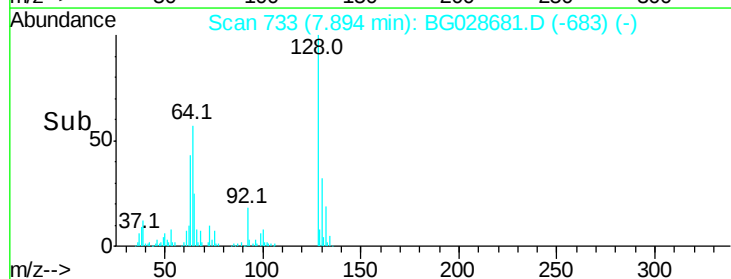
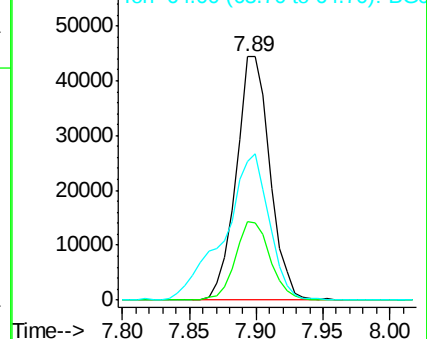
128 100

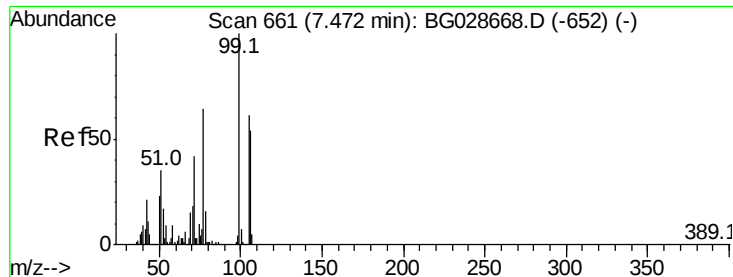
130 32.4 11.4 51.4

64 57.2 46.6 86.6



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





#9

Benzaldehyde

Concen: 6.661 ng

RT: 7.48 min Scan# 662

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

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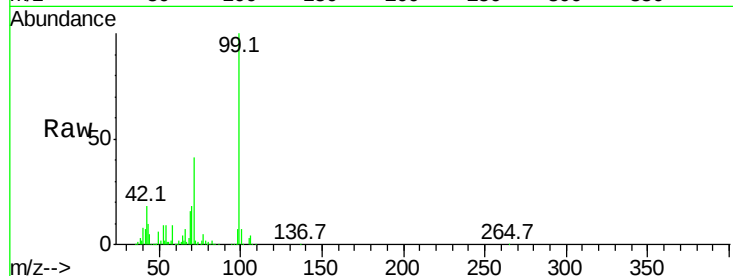
Tot Ion: 77 Resp: 10667

Ion Ratio Lower Upper

77 100

105 60.4 60.9 100.9#

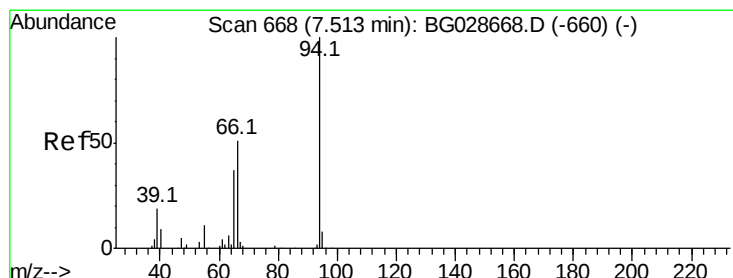
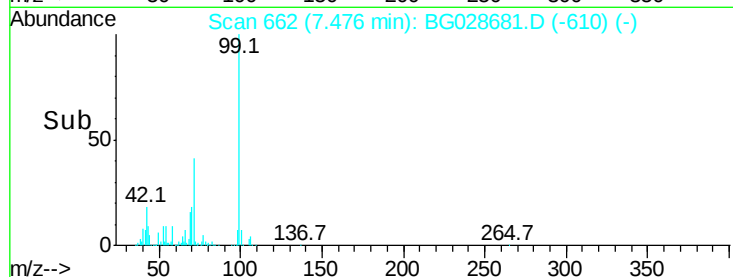
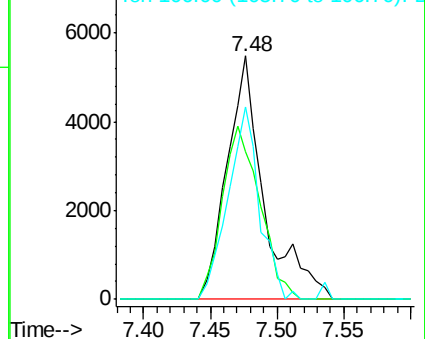
106 79.3 55.1 95.1



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: 47.264 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

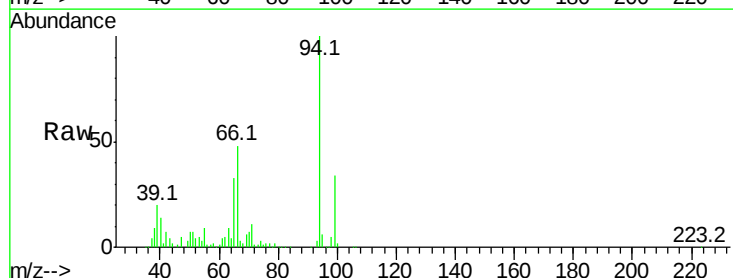
Tgt Ion: 94 Resp: 128760

Ion Ratio Lower Upper

94 100

65 32.6 20.6 60.6

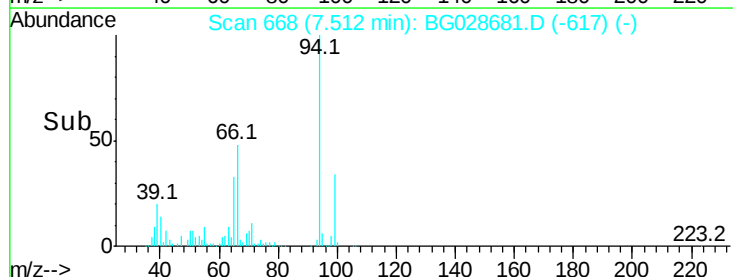
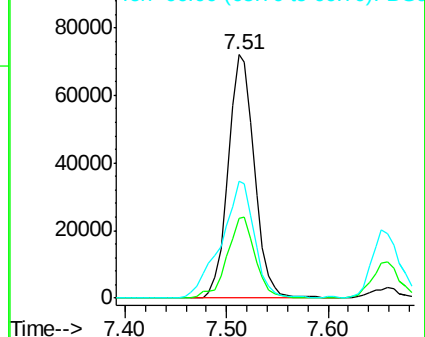
66 48.1 35.5 75.5

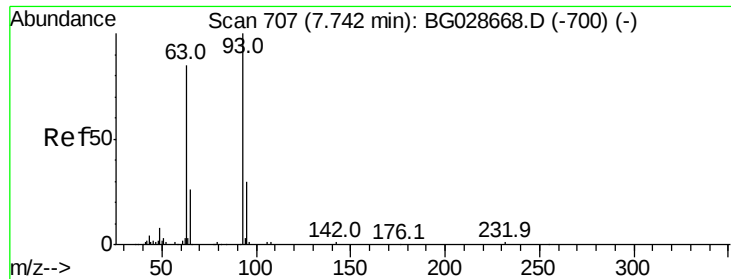


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

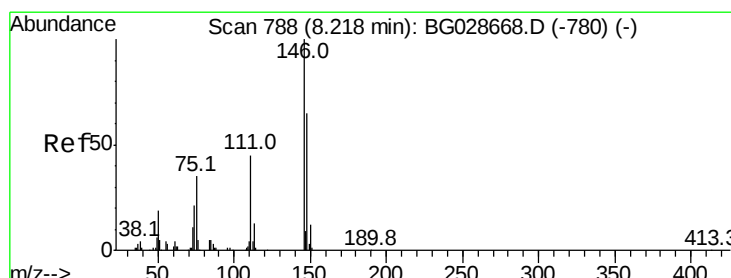
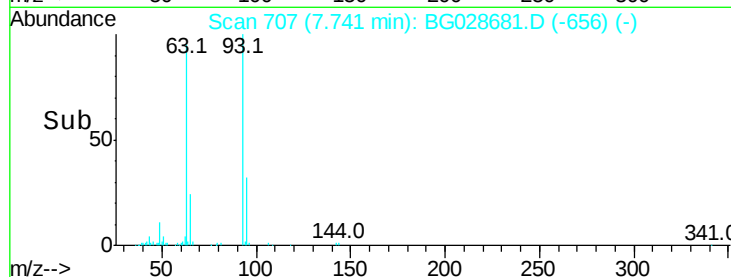
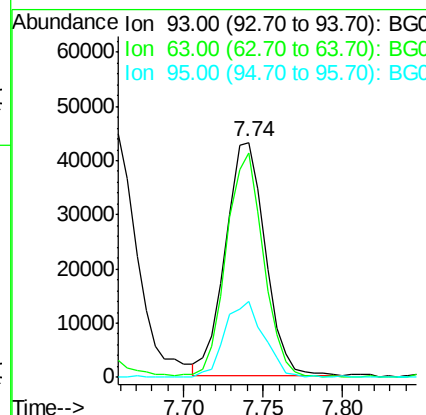
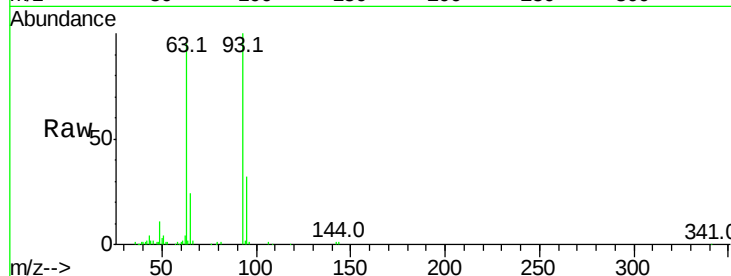




#11
bis(2-Chloroethyl)ether
Concen: 38.475 ng
RT: 7.74 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

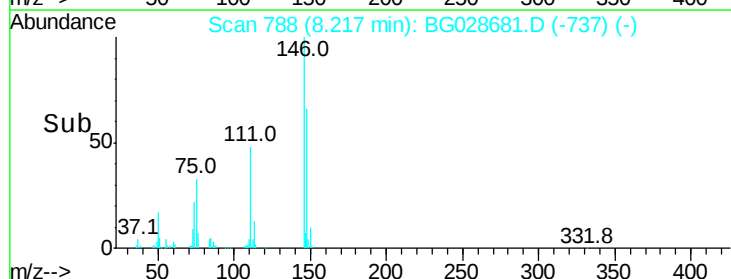
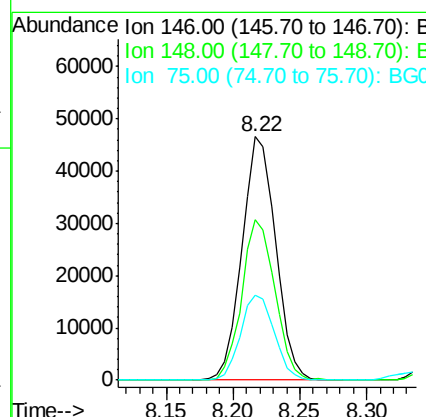
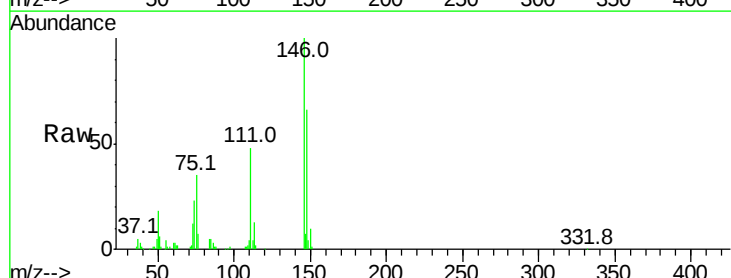
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

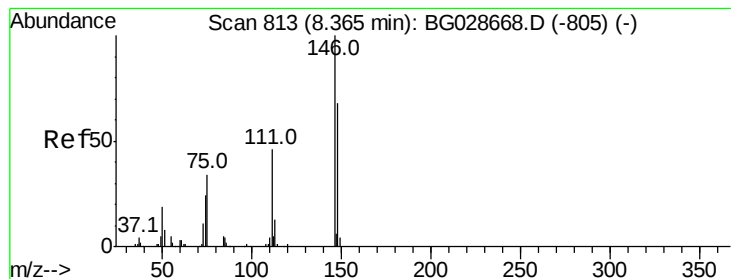
Tot Ion: 93 Resp: 75253
Ion Ratio Lower Upper
93 100
63 95.4 78.5 118.5
95 32.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 39.429 ng
RT: 8.22 min Scan# 788
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion: 146 Resp: 81148
Ion Ratio Lower Upper
146 100
148 66.0 49.2 73.8
75 34.8 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 38.995 ng

RT: 8.36 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

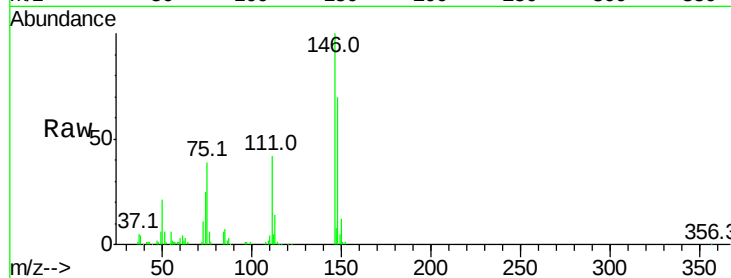
Tot Ion:146 Resp: 82524

Ion Ratio Lower Upper

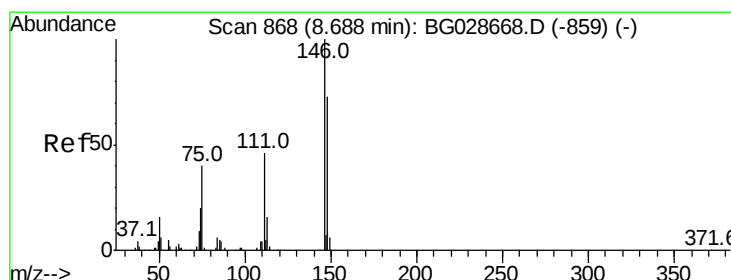
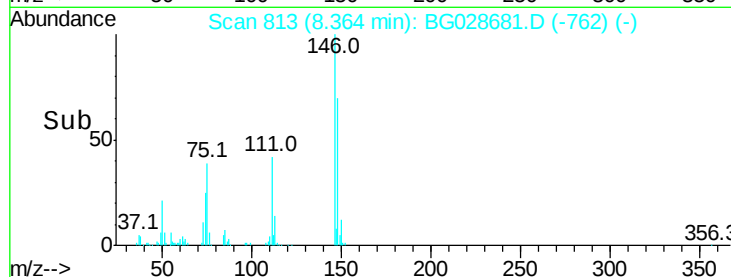
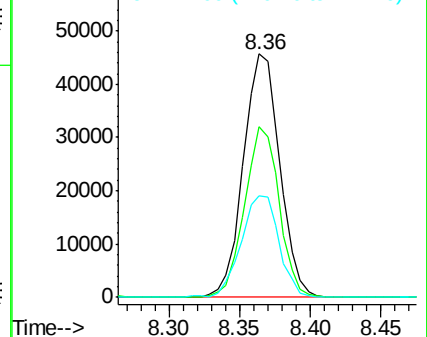
146 100

148 70.3 52.2 78.2

111 42.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.743 ng

RT: 8.69 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

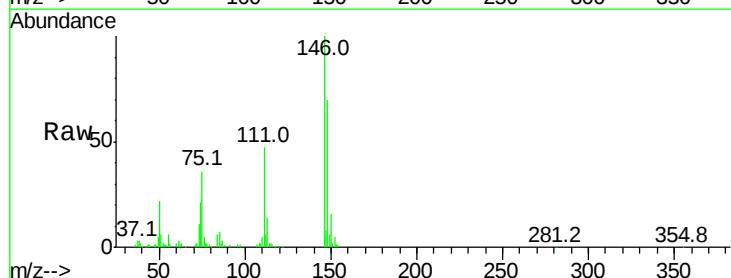
Tgt Ion:146 Resp: 81002

Ion Ratio Lower Upper

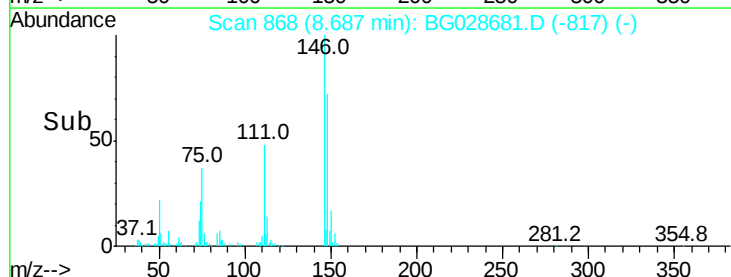
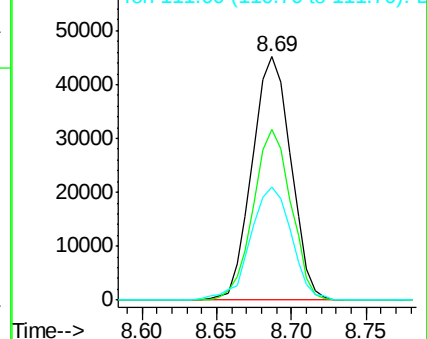
146 100

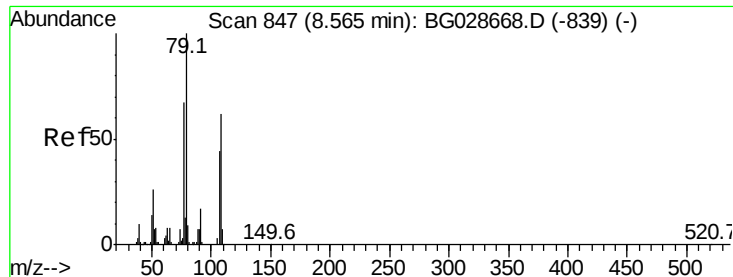
148 70.0 54.6 81.8

111 46.7 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.641 ng

RT: 8.57 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

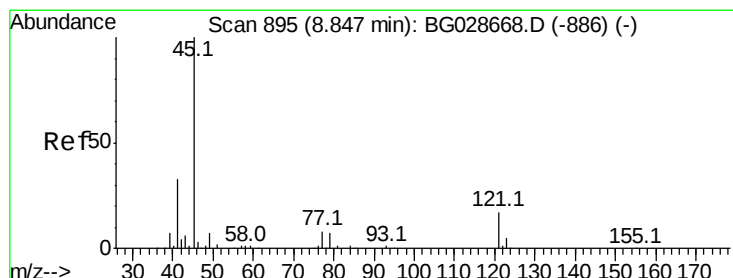
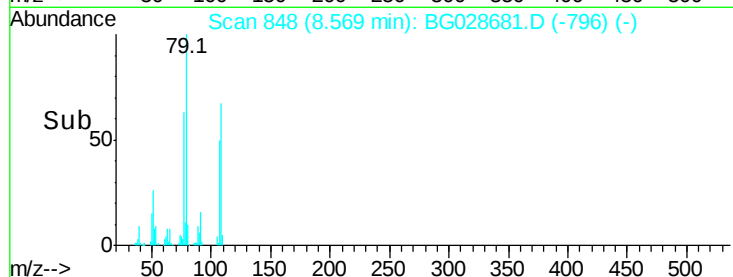
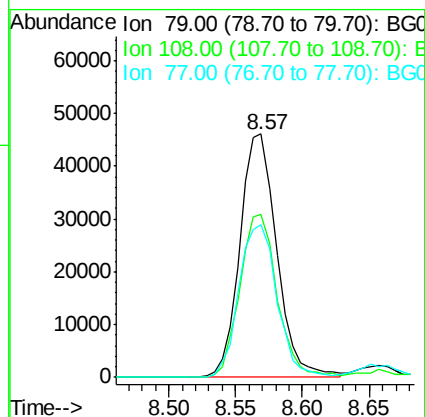
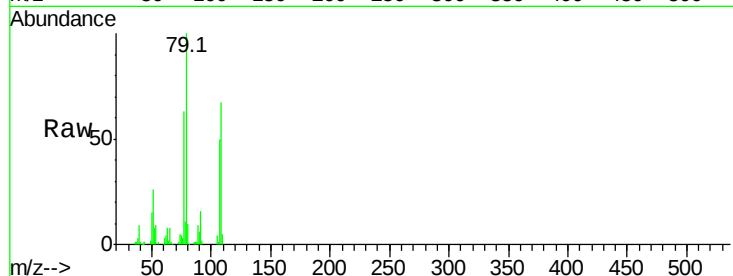
Tot Ion: 79 Resp: 87942

Ion Ratio Lower Upper

79 100

108 67.0 45.5 68.3

77 62.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.302 ng

RT: 8.85 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

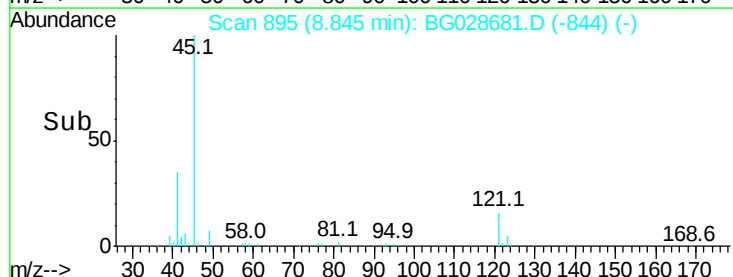
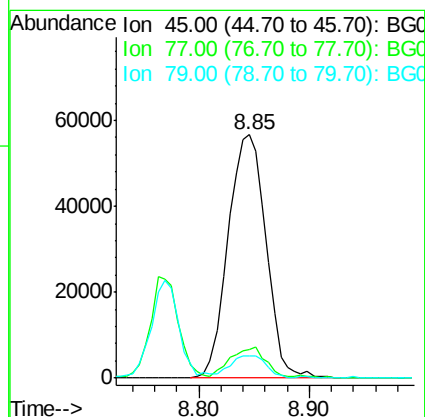
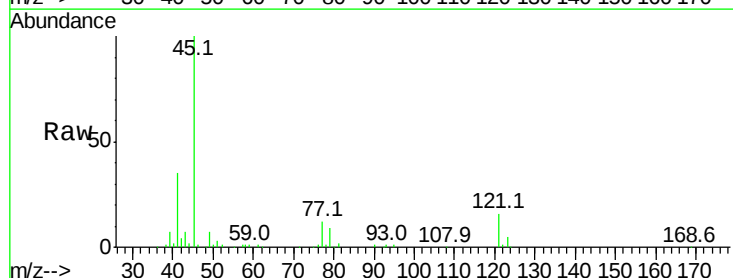
Tgt Ion: 45 Resp: 136153

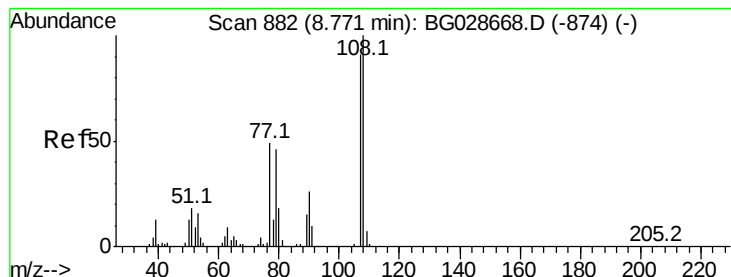
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.6

79 9.3 0.0 28.5





#17

2-Methylphenol

Concen: 42.633 ng

RT: 8.77 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

Tot Ion:107 Resp: 75896

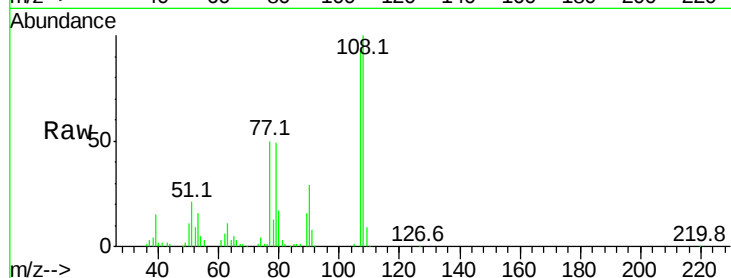
Ion Ratio Lower Upper

107 100

108 107.2 85.6 128.4

77 53.2 51.4 77.2

79 52.4 49.2 73.8

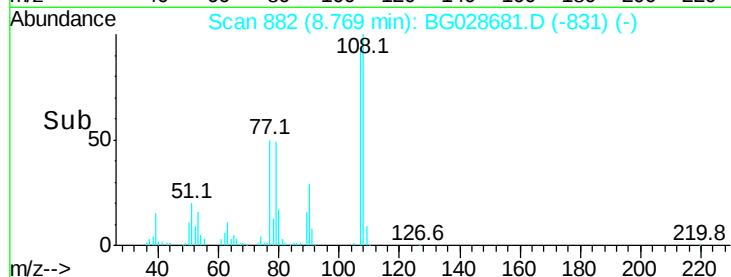


Abundance Ion 107.00 (106.70 to 107.70): E

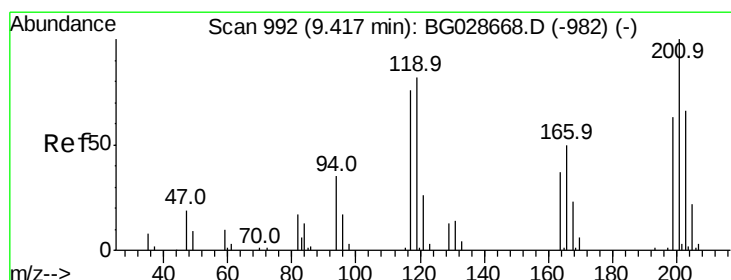
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.333 ng

RT: 9.42 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

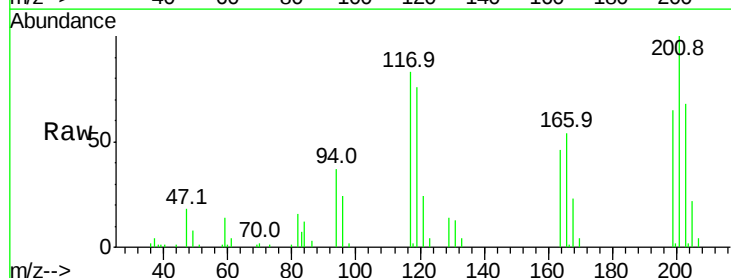
Tgt Ion:117 Resp: 30508

Ion Ratio Lower Upper

117 100

119 92.6 69.8 104.6

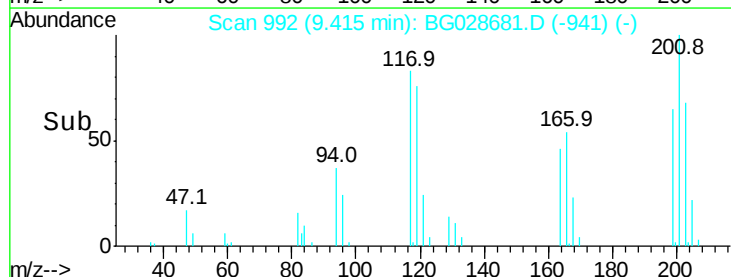
201 121.1 95.4 143.0



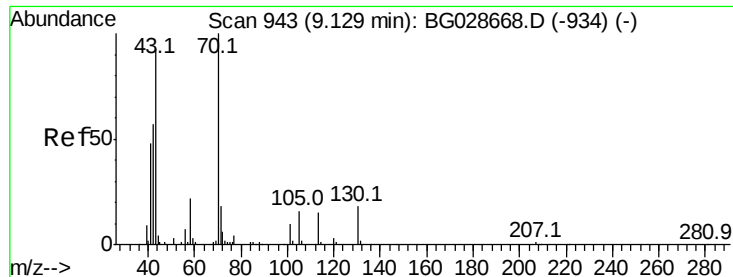
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



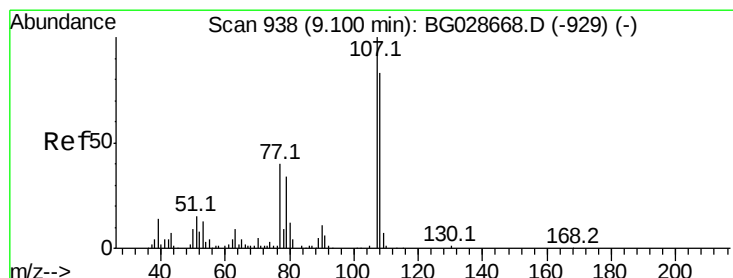
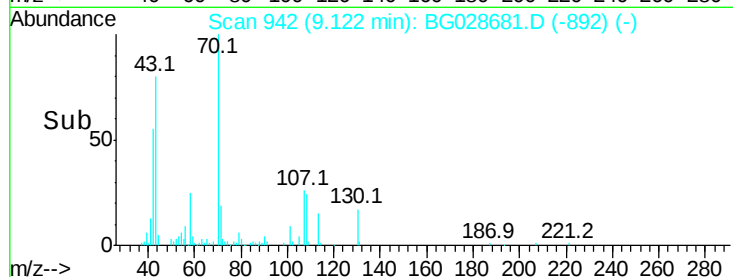
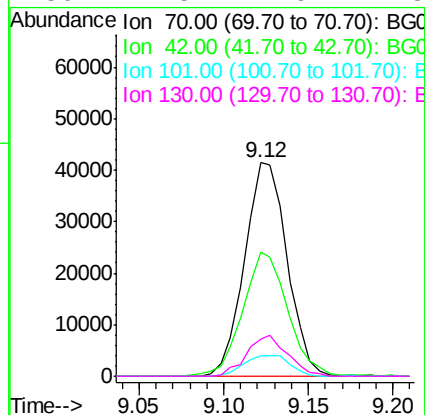
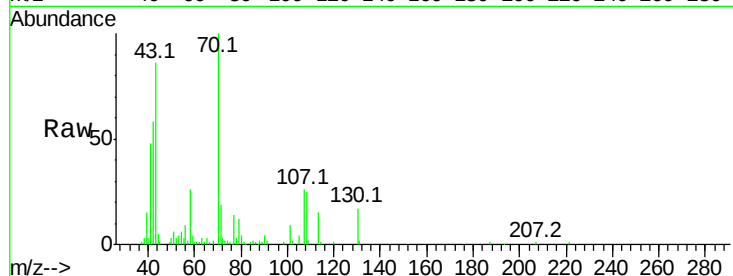
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.674 ng
RT: 9.12 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

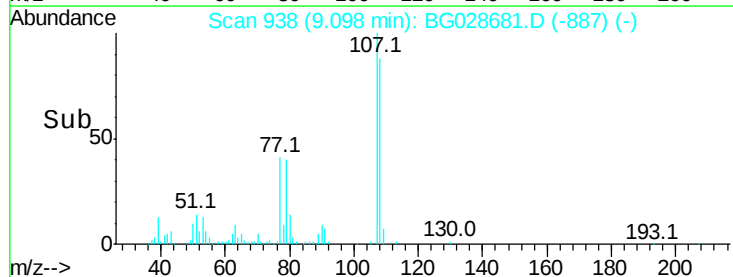
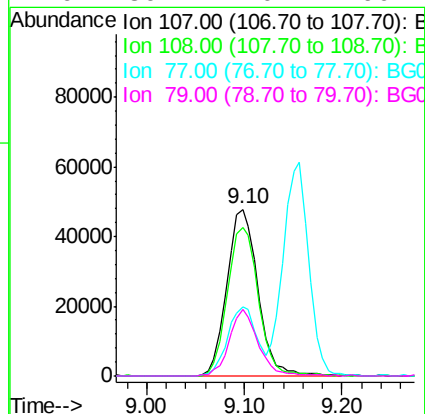
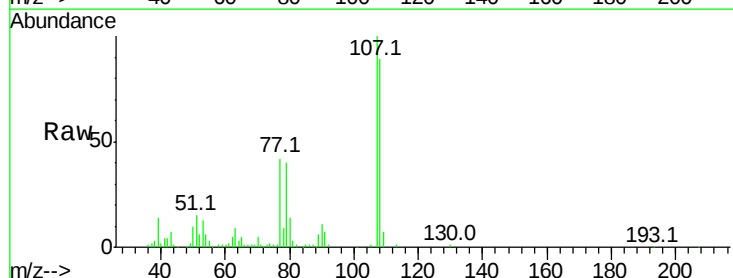
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

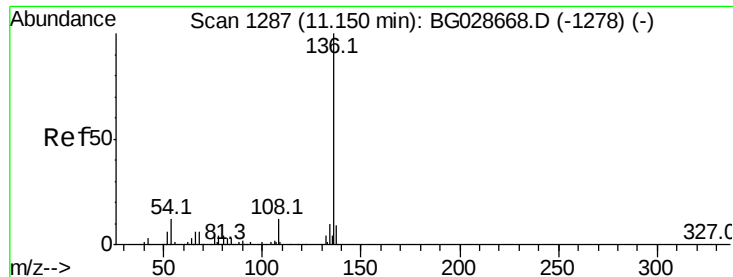
Tot Ion:	70	Resp:	72599
Ion	Ratio	Lower	Upper
70	100		
42	58.3	56.1	84.1
101	9.4	7.5	11.3
130	17.5	14.6	21.8



#20
3+4-Methylphenols
Concen: 42.340 ng
RT: 9.10 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion:	107	Resp:	105427
Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.8	110.8
77	41.8	25.8	65.8
79	39.7	20.1	60.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

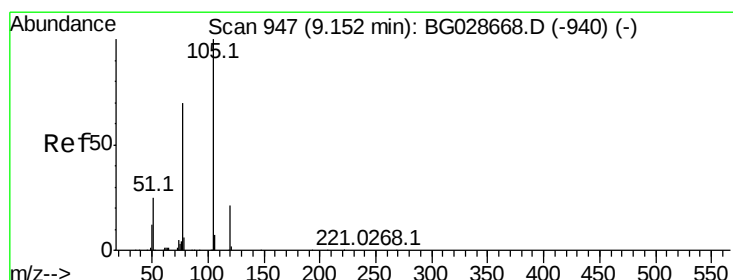
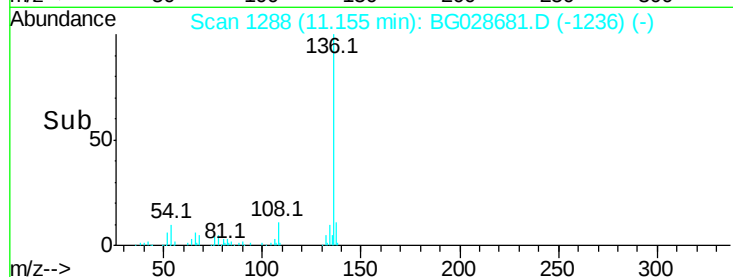
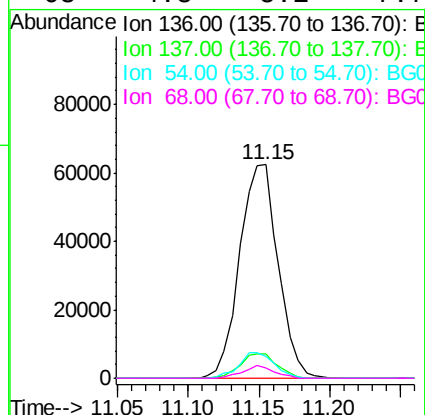
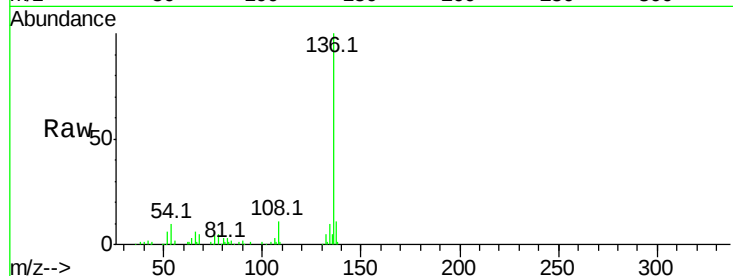
Instrument :

BNA_G

ClientSampleId :

EP-13MSD

Tot Ion:136	Resp:	118702
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.9 13.3
54	10.3	9.3 13.9
68	4.8	5.1 7.7#



#22

Acetophenone

Concen: 37.456 ng

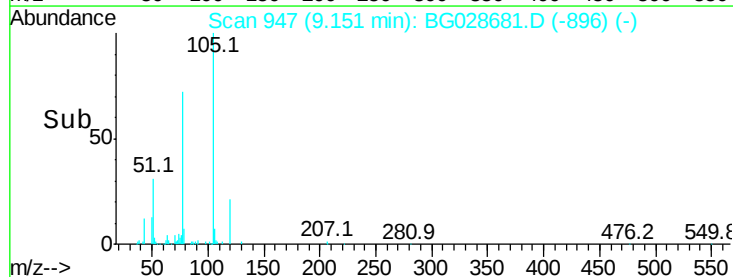
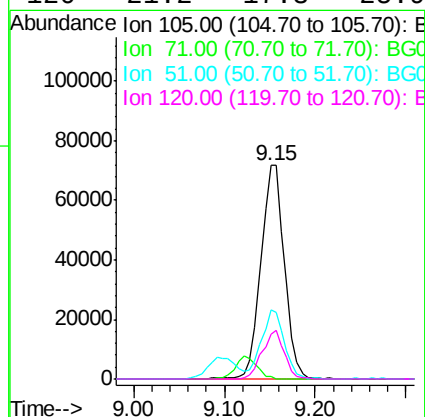
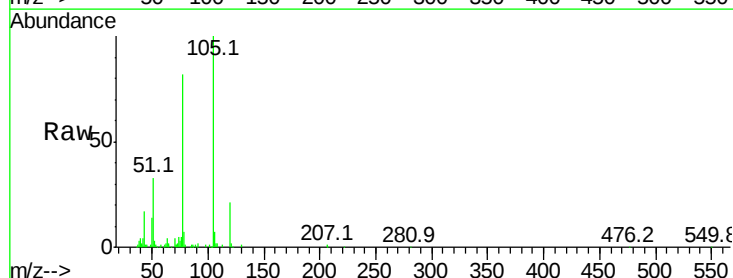
RT: 9.15 min Scan# 947

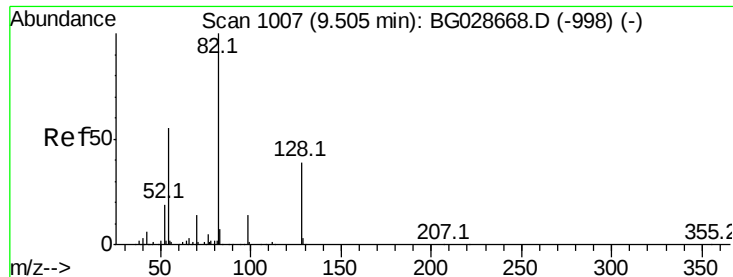
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:105	Resp:	129999
Ion	Ratio	Lower Upper
105	100	
71	1.3	0.9 1.3#
51	32.6	34.0 51.0#
120	21.2	17.3 25.9

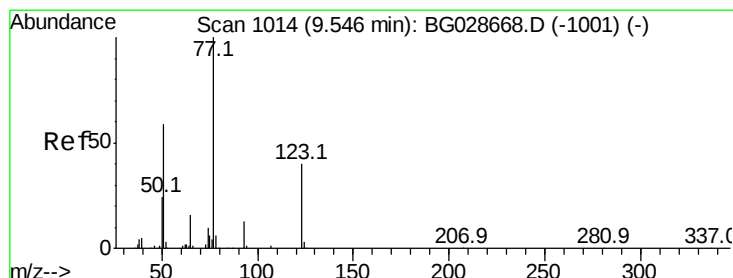
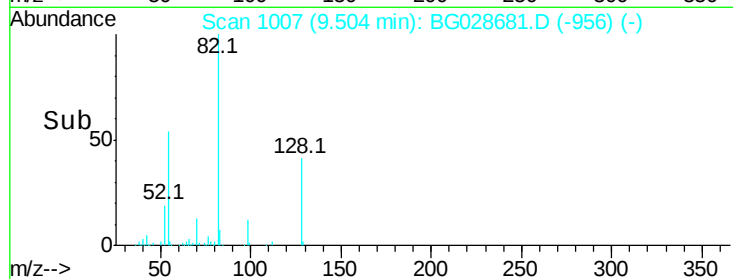
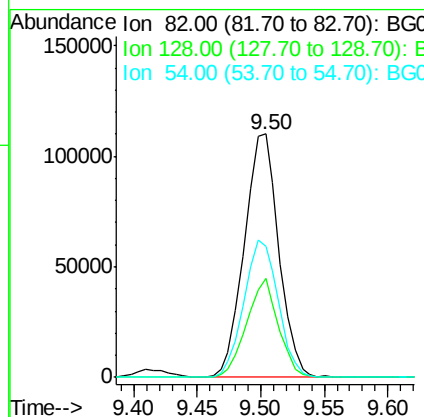
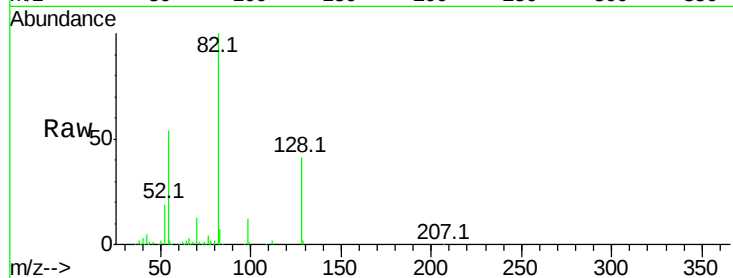




#23
Nitrobenzene-d5
Concen: 83.948 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

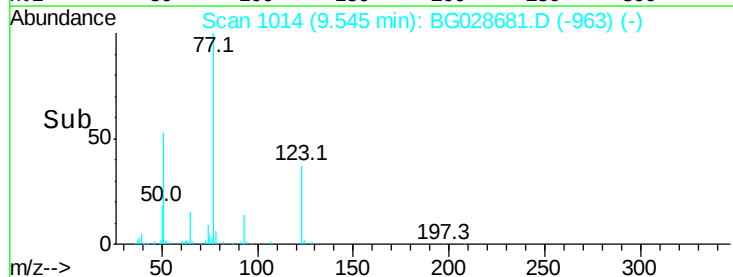
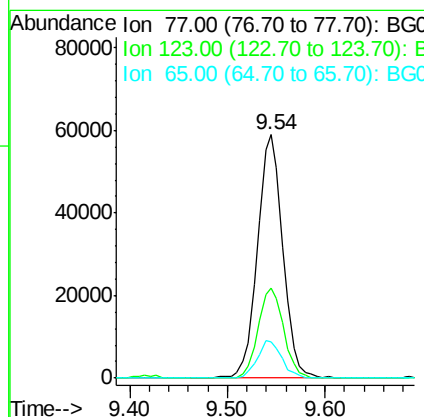
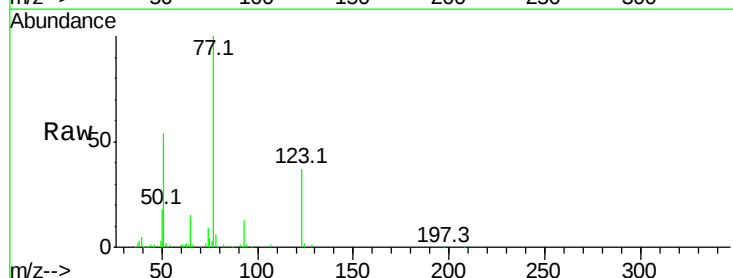
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

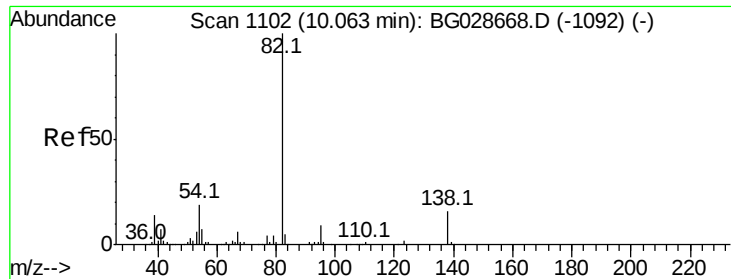
Tot Ion	82	Resp	208306
Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.4	39.6#
54	53.6	49.4	74.2



#24
Nitrobenzene
Concen: 39.229 ng
RT: 9.54 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	77	Resp	107789
Ion	Ratio	Lower	Upper
77	100		
123	36.8	26.1	39.1
65	14.9	12.4	18.6





#25

Isophorone

Concen: 40.179 ng

RT: 10.06 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

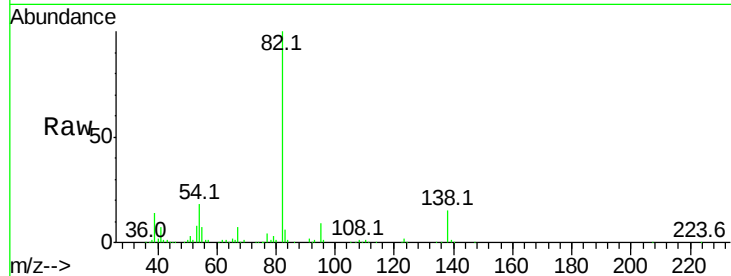
Tot Ion: 82 Resp: 201728

Ion Ratio Lower Upper

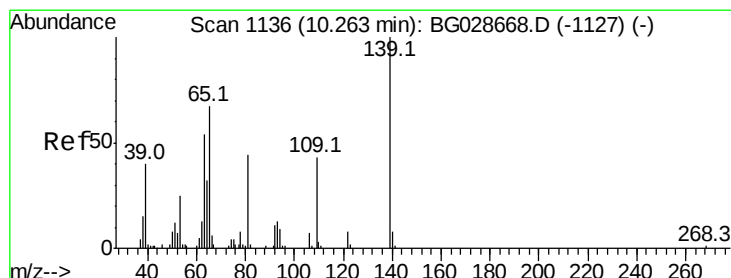
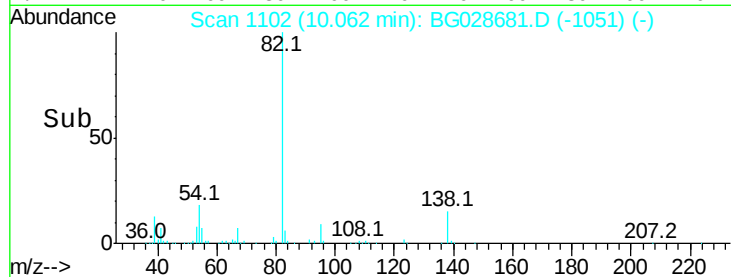
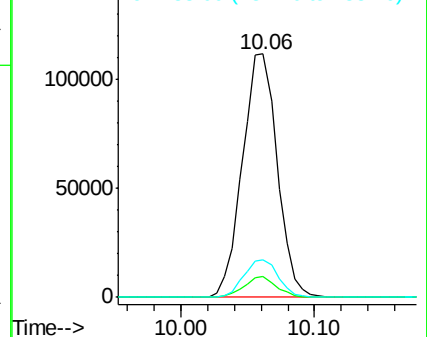
82 100

95 8.5 7.5 11.3

138 15.4 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: 38.690 ng

RT: 10.26 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

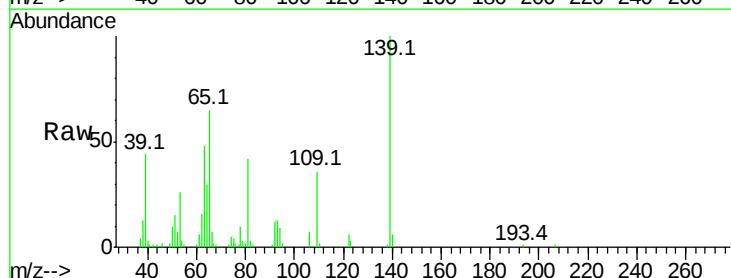
Tgt Ion: 139 Resp: 45245

Ion Ratio Lower Upper

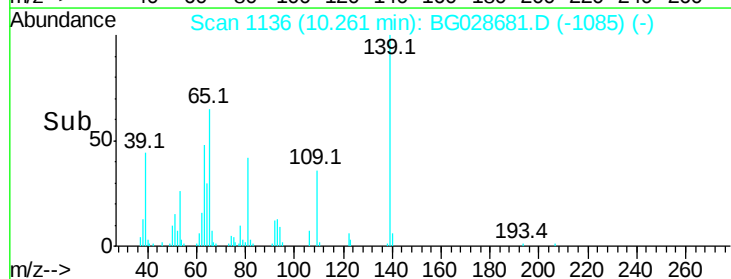
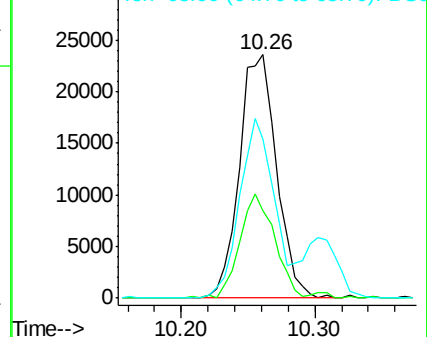
139 100

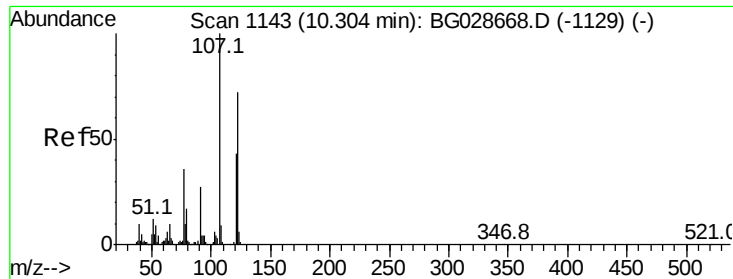
109 36.1 38.6 58.0#

65 65.2 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: 42.500 ng

RT: 10.30 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

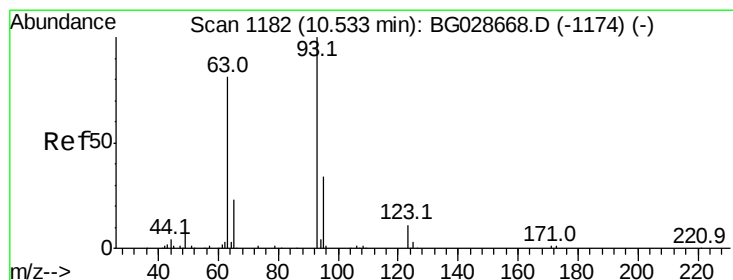
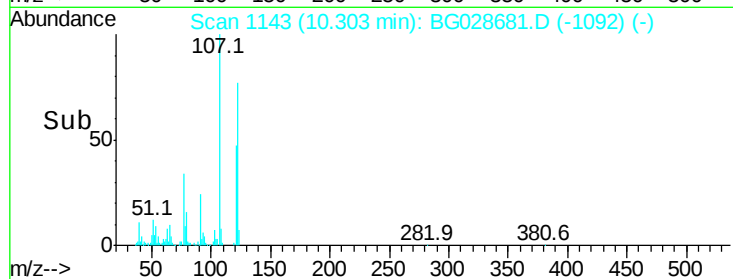
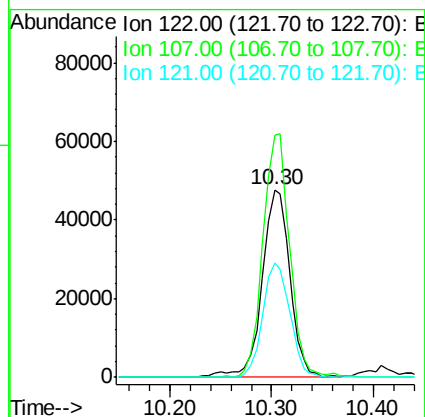
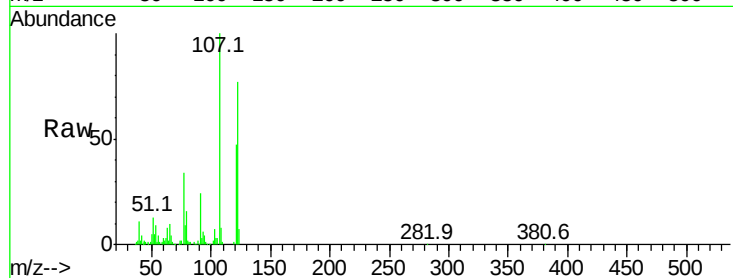
Tot Ion:122 Resp: 90848

Ion Ratio Lower Upper

122 100

107 129.1 104.2 156.4

121 61.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.773 ng

RT: 10.53 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

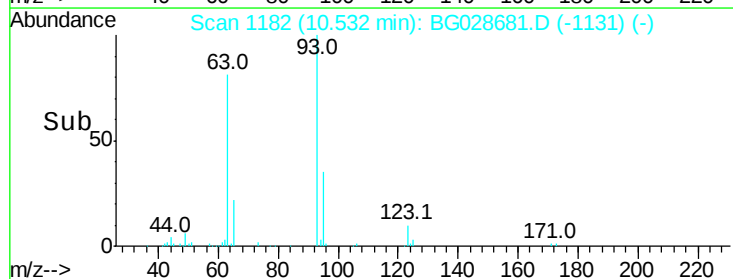
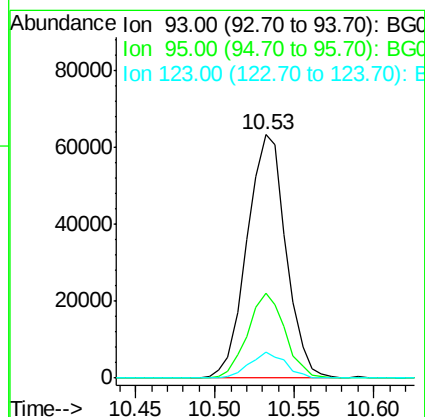
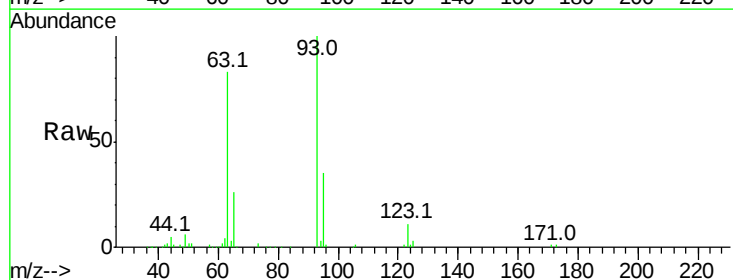
Tgt Ion: 93 Resp: 108442

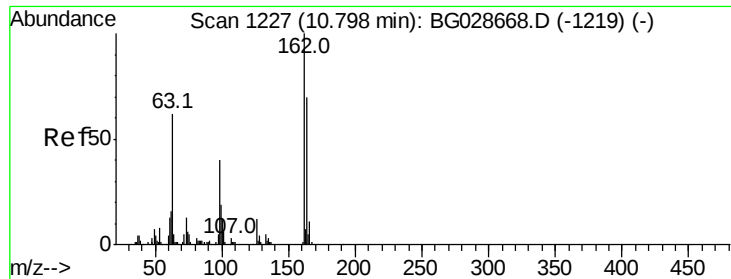
Ion Ratio Lower Upper

93 100

95 34.8 25.7 38.5

123 10.6 8.3 12.5

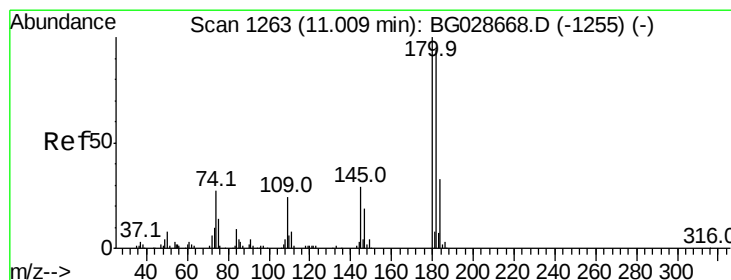
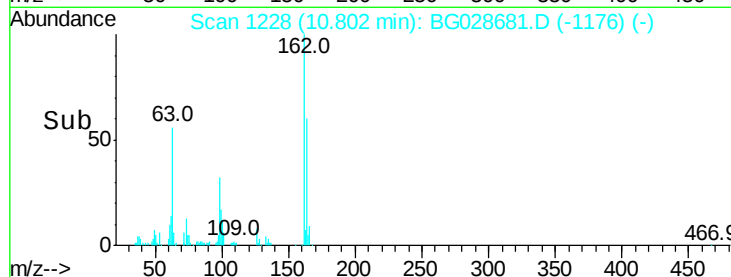
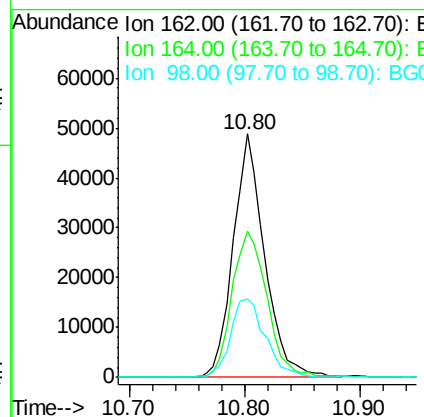
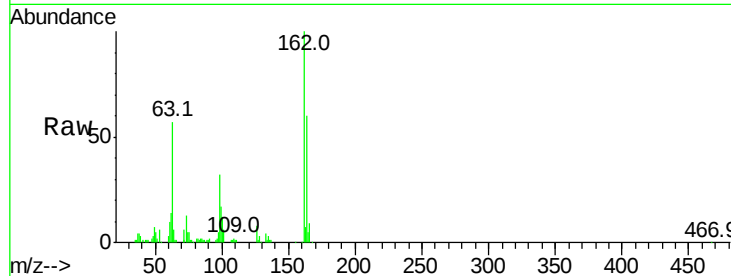




#29
2,4-Dichlorophenol
Concen: 43.263 ng
RT: 10.80 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

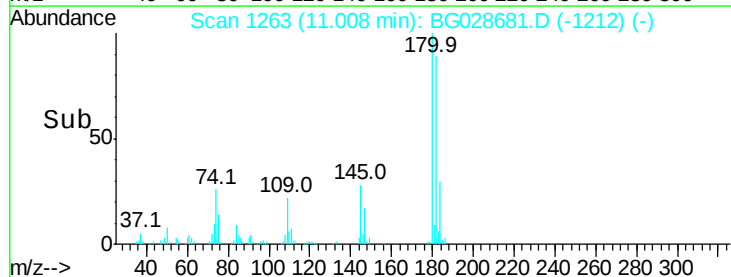
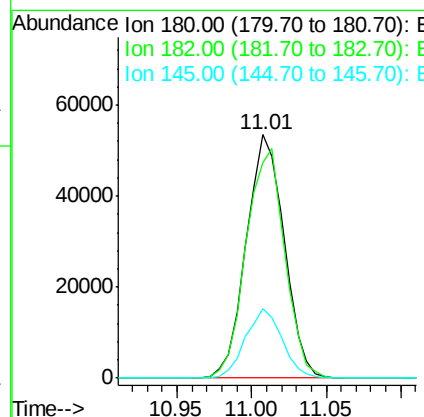
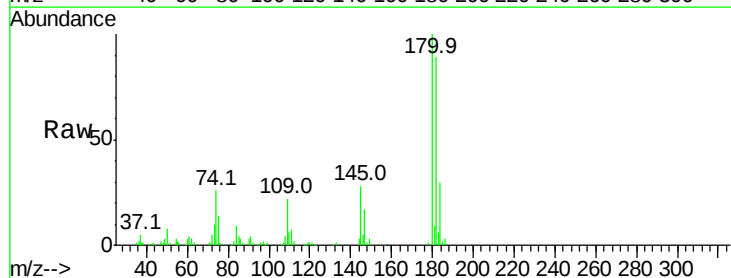
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

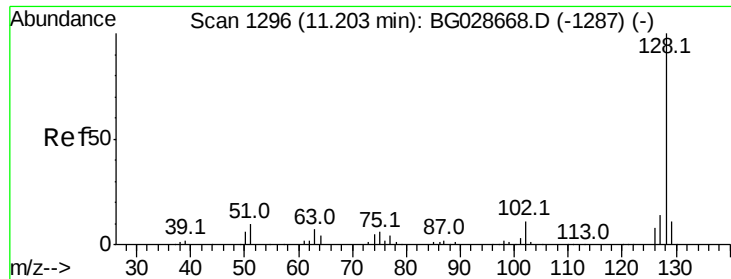
Tot Ion:162 Resp: 92013
Ion Ratio Lower Upper
162 100
164 60.0 42.4 82.4
98 32.2 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 38.666 ng
RT: 11.01 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion:180 Resp: 93815
Ion Ratio Lower Upper
180 100
182 88.5 77.0 115.4
145 28.4 23.4 35.0

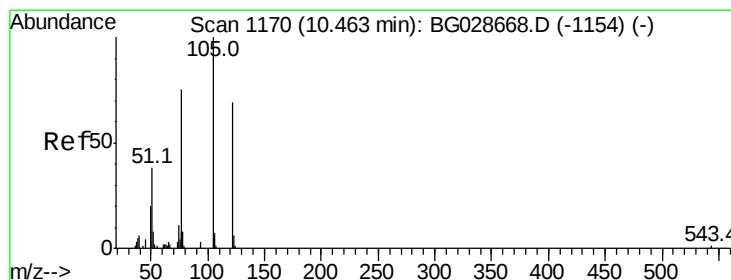
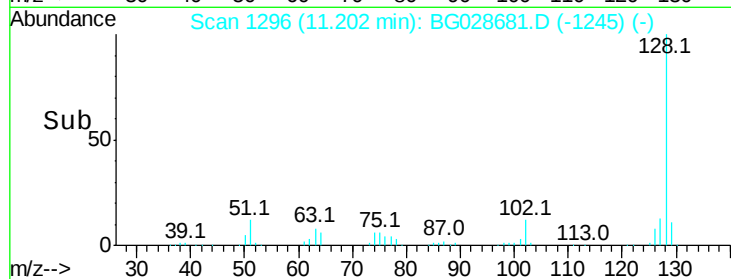
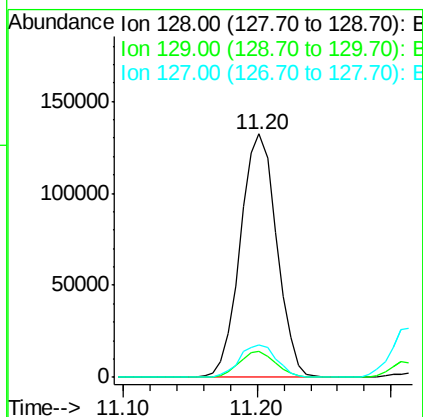
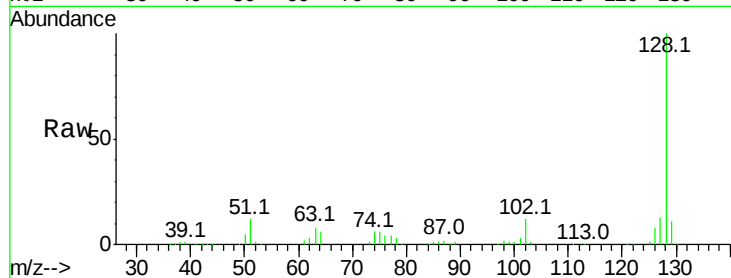




#31
Naphthalene
Concen: 40.126 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

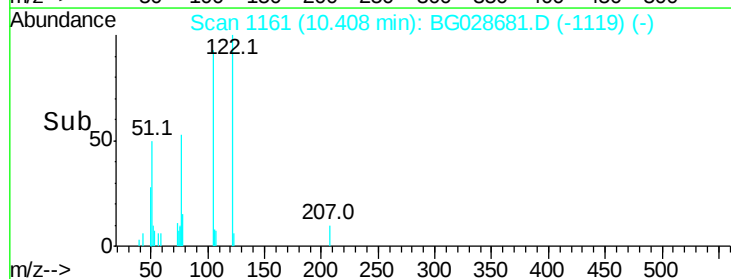
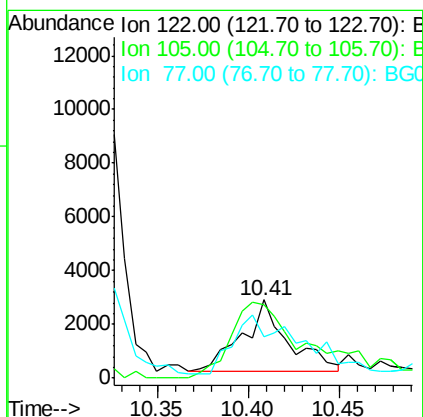
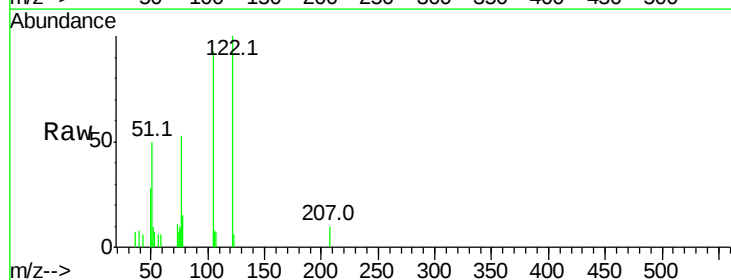
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

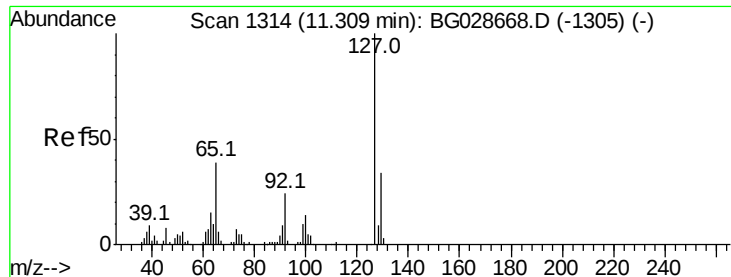
Tot Ion:128 Resp: 248765
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 8.743 ng
RT: 10.41 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion:122 Resp: 4620
Ion Ratio Lower Upper
122 100
105 92.7 120.1 160.1#
77 52.7 104.6 144.6#

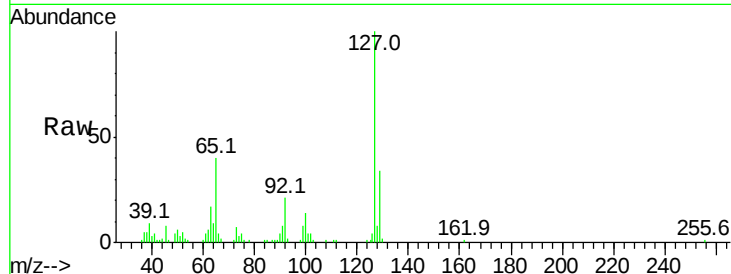




#33
4-Chloroaniline
Concen: 23.887 ng
RT: 11.32 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion:127	Resp: 62037
Ion Ratio	Lower Upper
127 100	
129 34.1	23.6 35.4
65 39.8	37.7 56.5
92 20.7	17.6 26.4



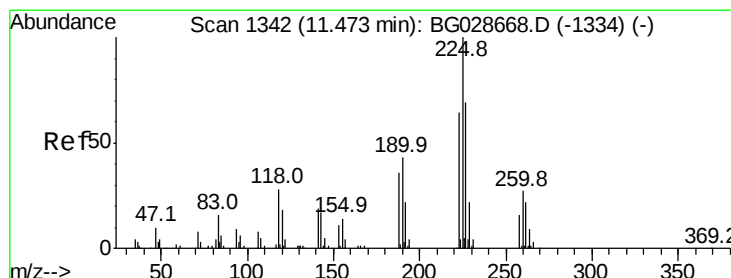
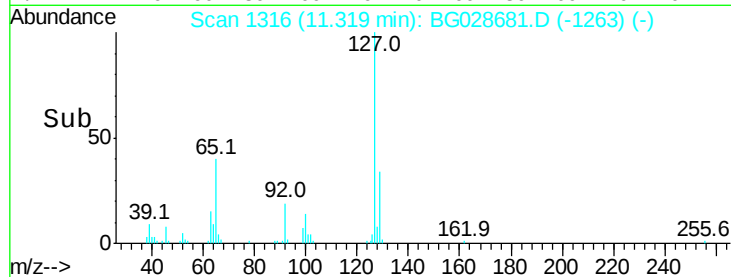
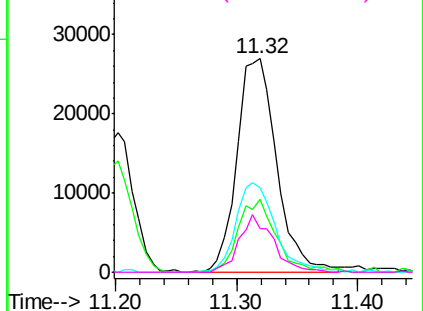
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

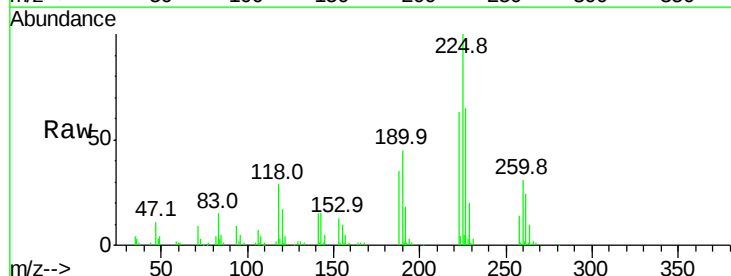
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 11.47 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt	Ion:225	Resp:	65741
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	64.7	49.0	73.6

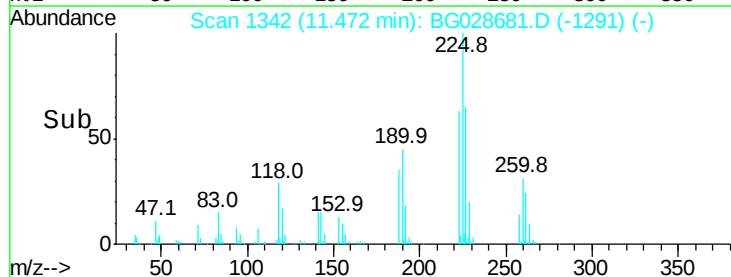
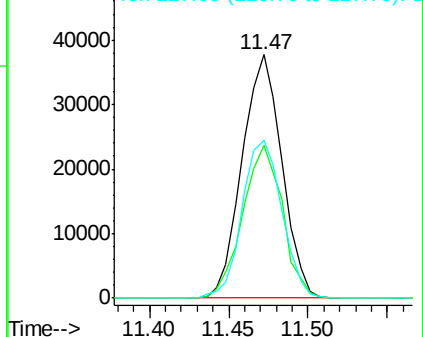


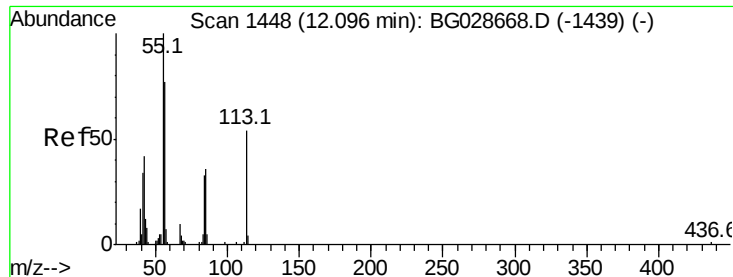
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.771 ng

RT: 12.08 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

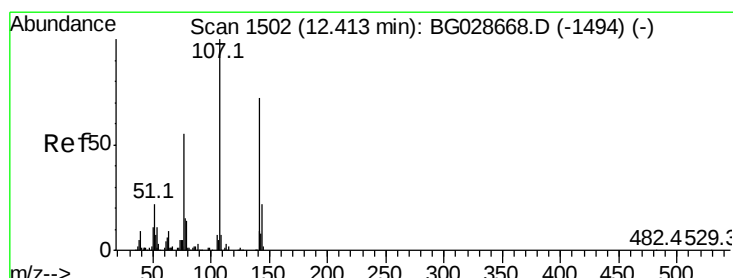
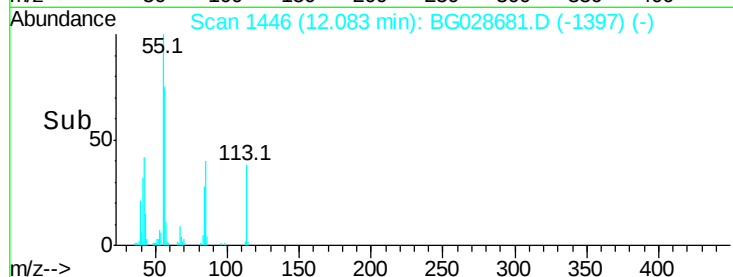
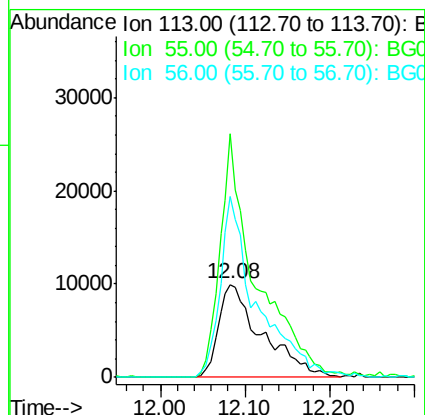
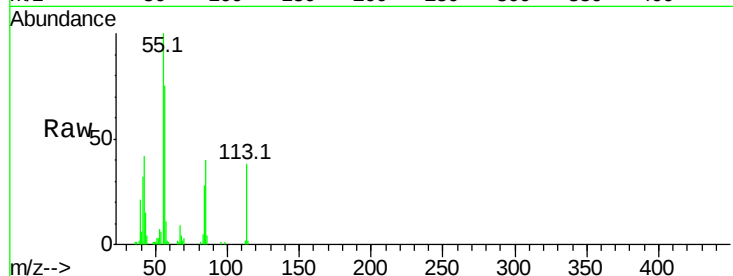
Tot Ion:113 Resp: 35671

Ion Ratio Lower Upper

113 100

55 261.5 198.6 238.6#

56 194.9 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 42.463 ng

RT: 12.42 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

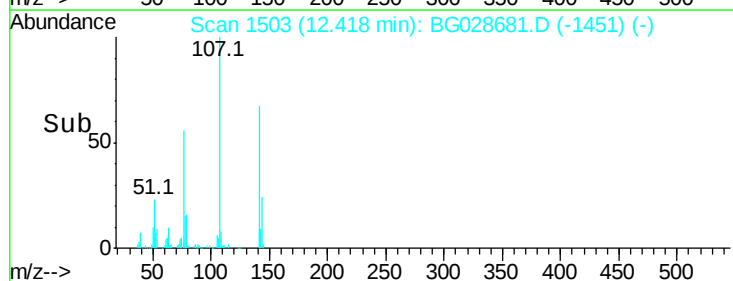
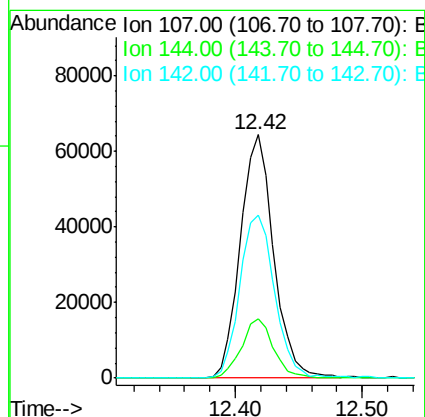
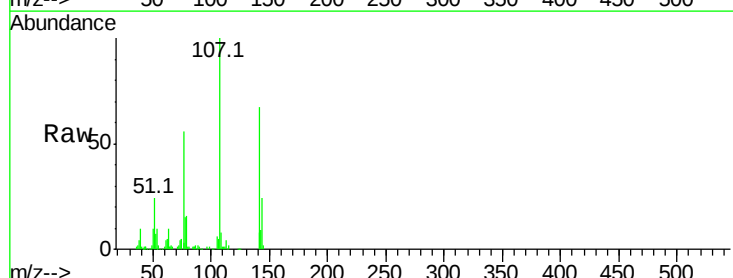
Tgt Ion:107 Resp: 117532

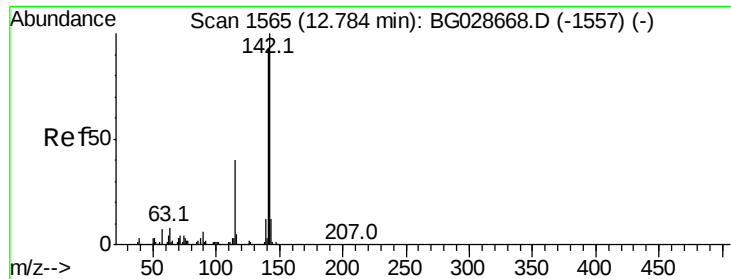
Ion Ratio Lower Upper

107 100

144 24.1 17.4 26.0

142 67.1 54.1 81.1





#37

2-Methylnaphthalene

Concen: 43.321 ng

RT: 12.78 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

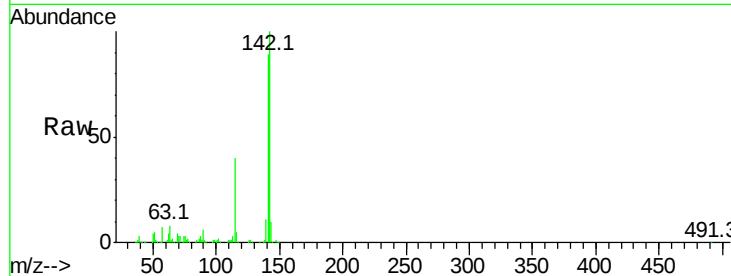
Tot Ion:142 Resp: 200517

Ion Ratio Lower Upper

142 100

141 88.7 70.4 105.6

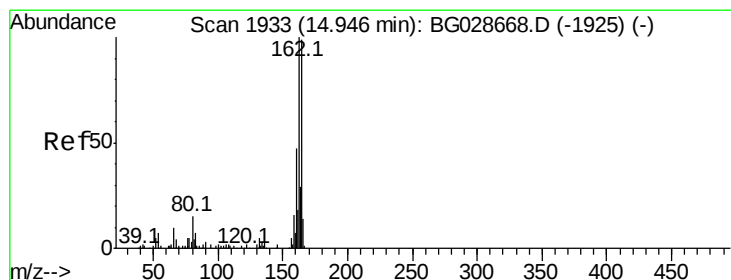
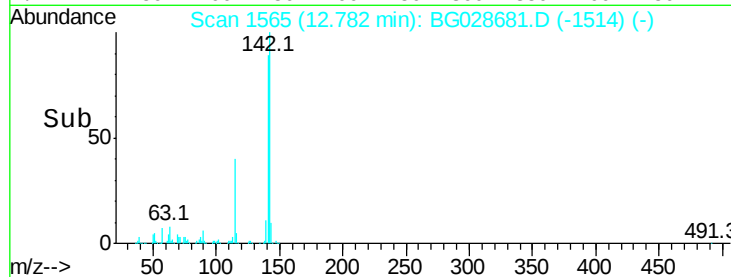
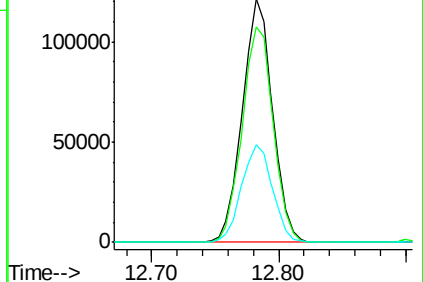
115 40.2 35.5 53.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

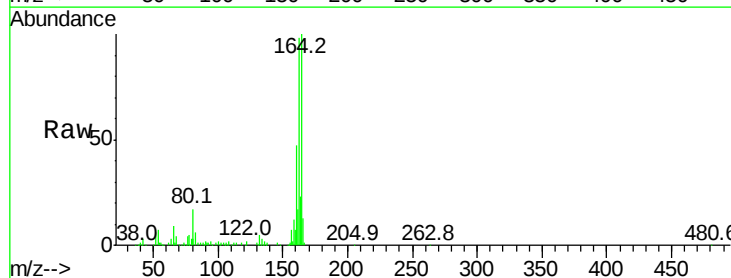
Tgt Ion:164 Resp: 91470

Ion Ratio Lower Upper

164 100

162 98.1 85.1 127.7

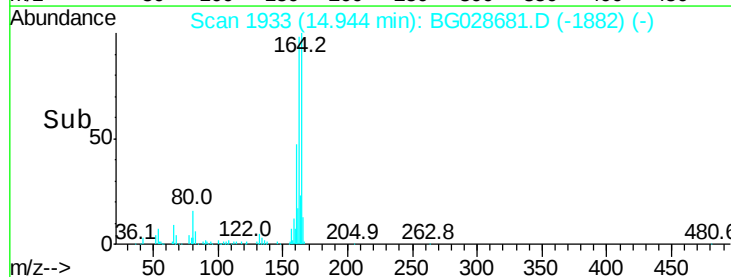
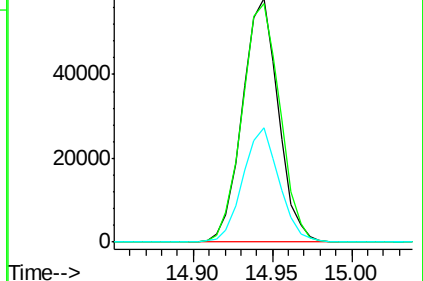
160 46.9 34.7 52.1

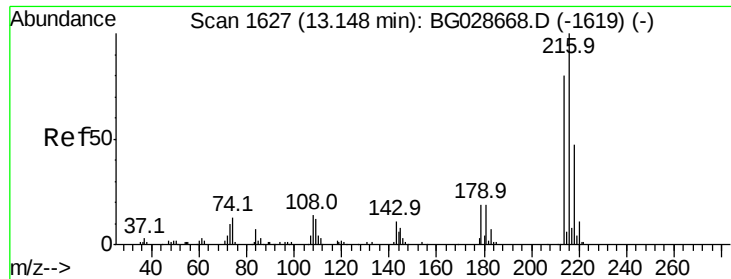


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.869 ng

RT: 13.15 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

Tot Ion:216 Resp: 127381

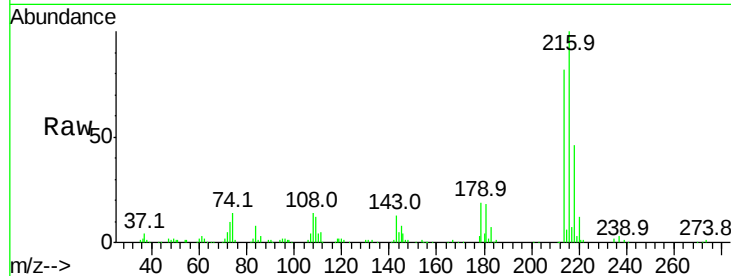
Ion Ratio Lower Upper

216 100

214 80.8 64.4 96.6

179 19.8 17.4 26.0

108 16.0 15.6 23.4

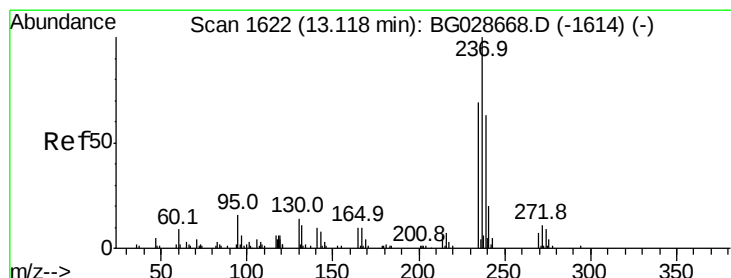
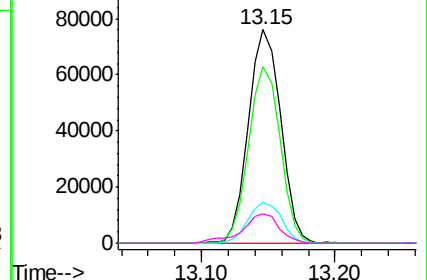
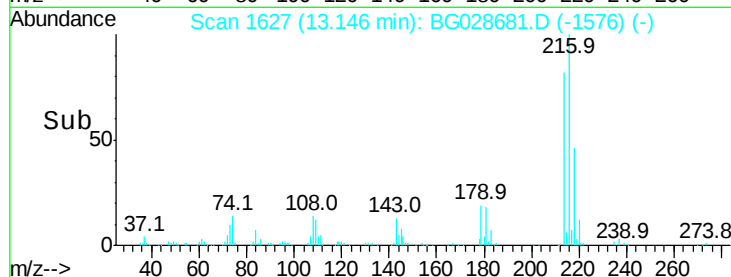


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.802 ng

RT: 13.12 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

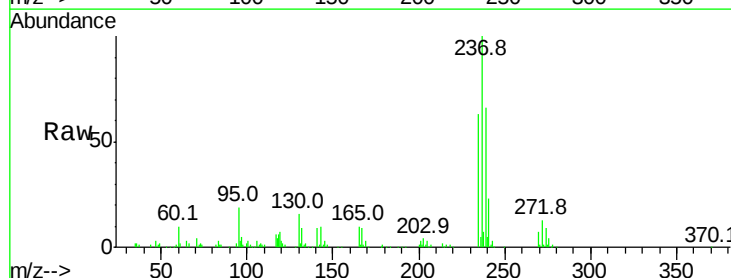
Tgt Ion:237 Resp: 119794

Ion Ratio Lower Upper

237 100

235 62.5 39.4 79.4

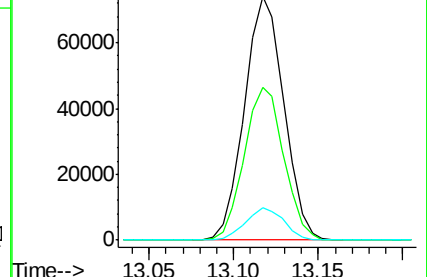
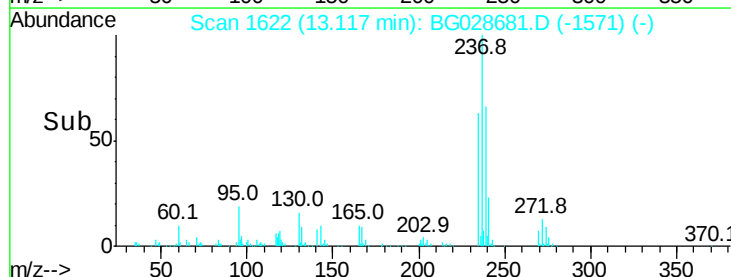
272 13.3 0.0 32.0

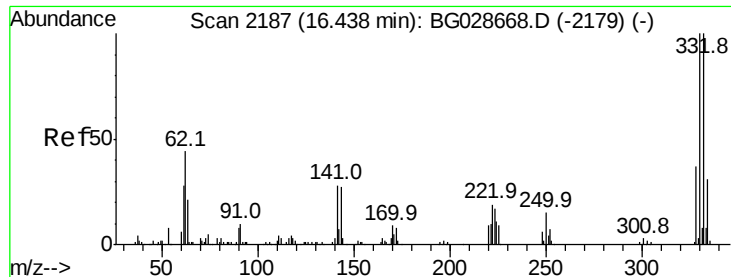


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 124.008 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

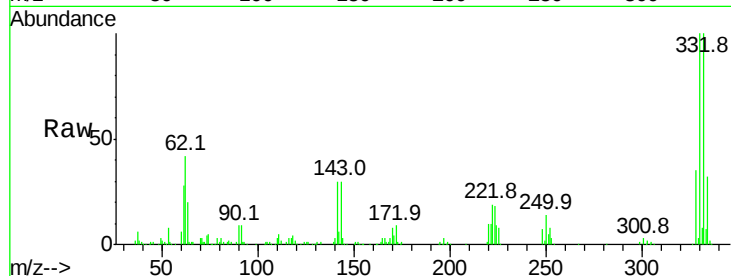
Tot Ion:330 Resp: 187606

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

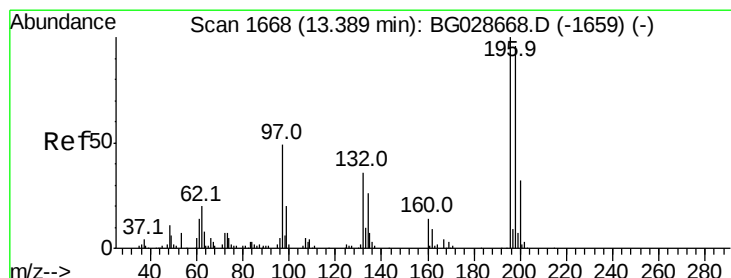
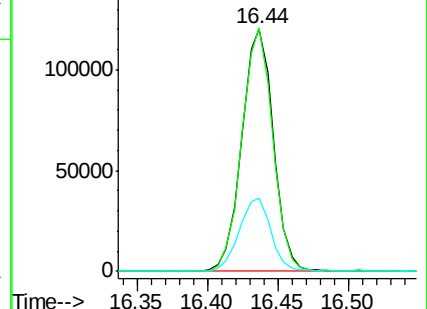
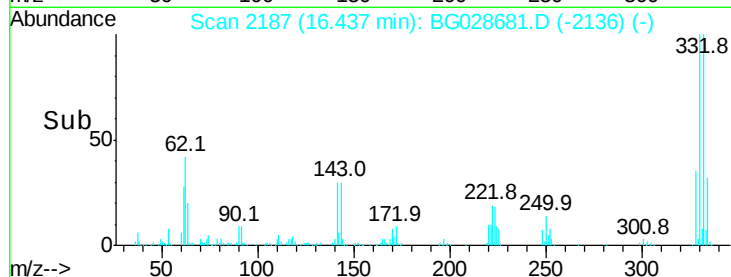
141 30.4 32.1 48.1#



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: 37.470 ng

RT: 13.39 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

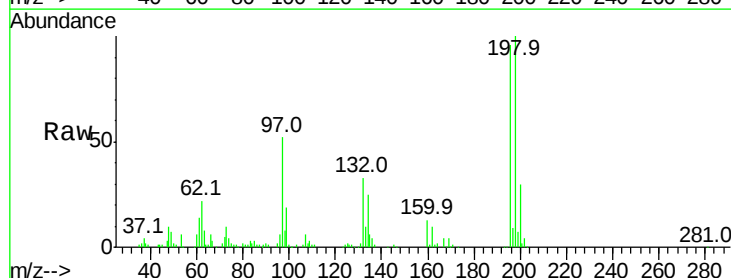
Tgt Ion:196 Resp: 89443

Ion Ratio Lower Upper

196 100

198 104.7 81.4 122.2

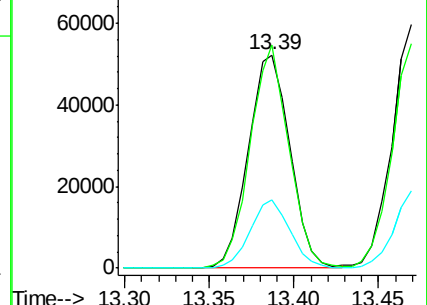
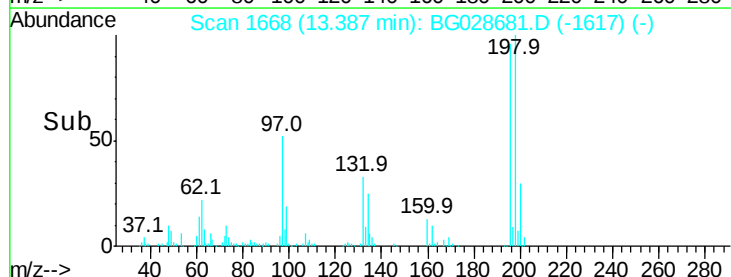
200 31.8 27.0 40.6



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

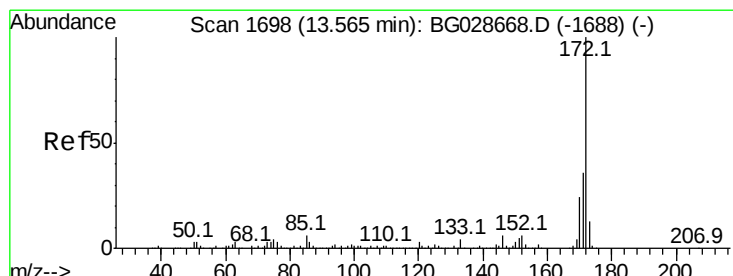
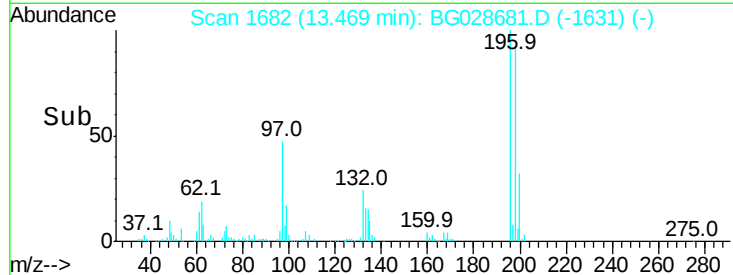
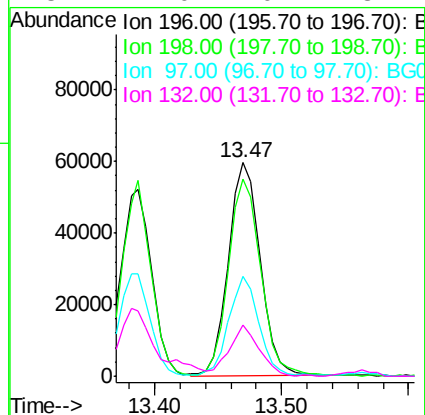
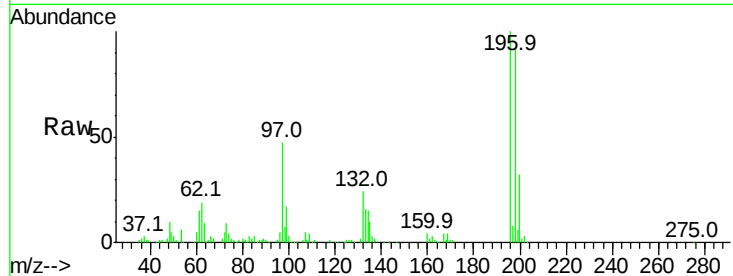




#43
 2,4,5-Trichlorophenol
 Concen: 42.892 ng
 RT: 13.47 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

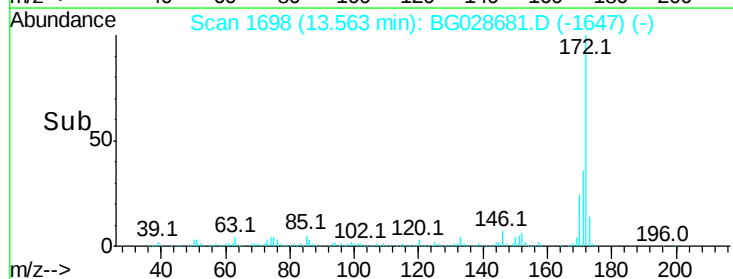
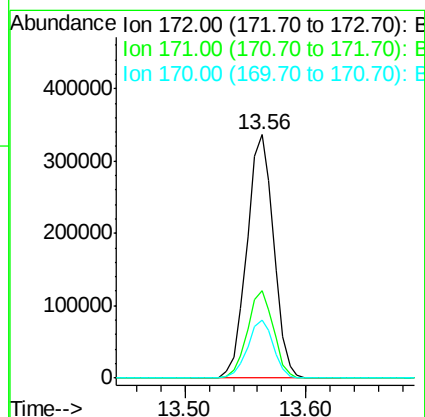
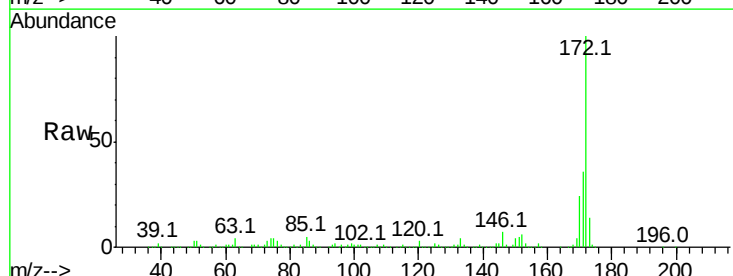
Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

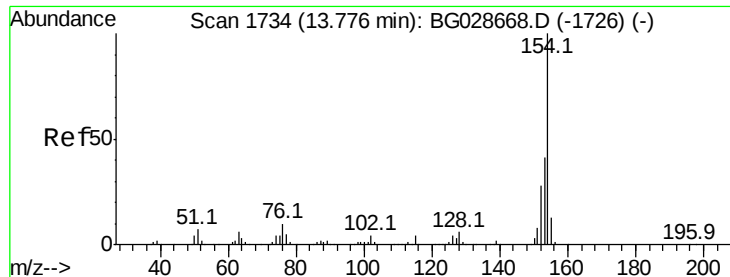
Tot Ion:	196	Resp:	102881
Ion	Ratio	Lower	Upper
196	100		
198	92.2	79.9	119.9
97	46.6	45.4	68.0
132	24.0	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 75.858 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion:	172	Resp:	520370
Ion	Ratio	Lower	Upper
172	100		
171	36.0	32.2	48.2
170	23.7	21.8	32.6





#45

1,1'-Biphenyl

Concen: 36.371 ng

RT: 13.78 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

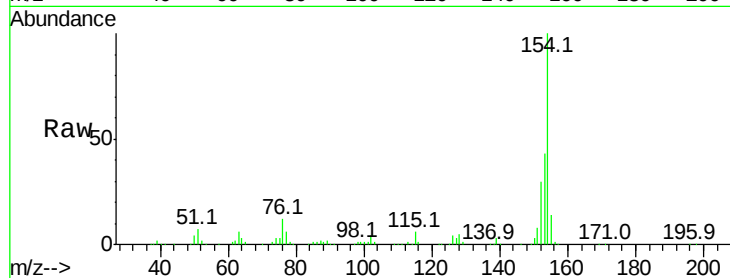
Tot Ion:154 Resp: 275450

Ion Ratio Lower Upper

154 100

153 43.1 23.0 63.0

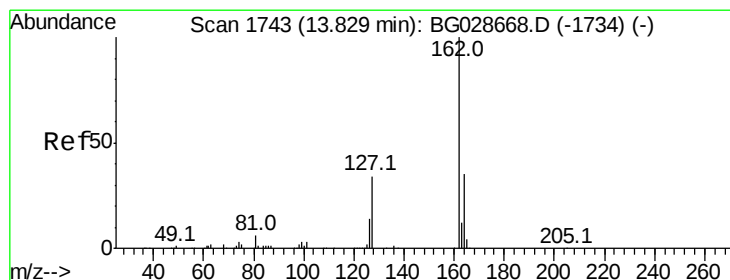
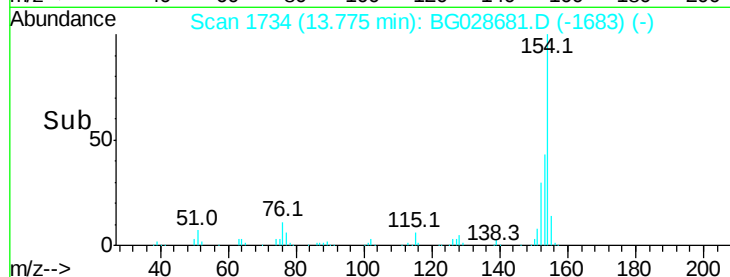
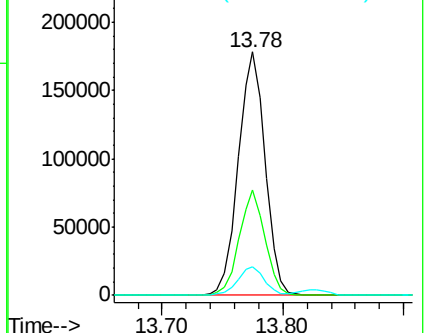
76 11.6 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.451 ng

RT: 13.83 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

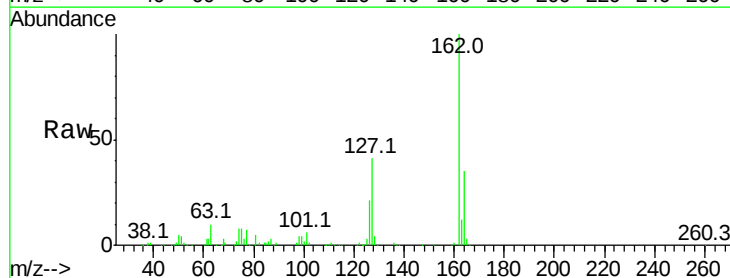
Tgt Ion:162 Resp: 212397

Ion Ratio Lower Upper

162 100

127 40.6 32.2 48.4

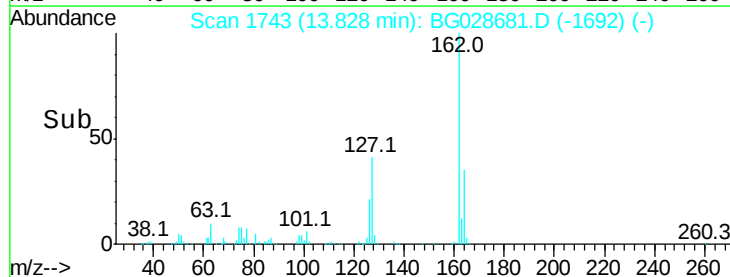
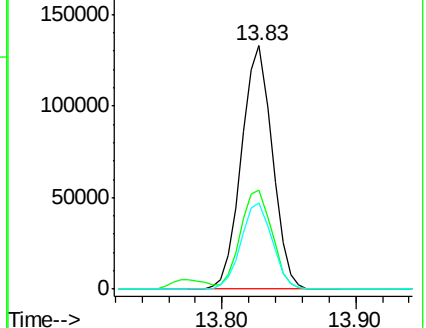
164 35.2 27.3 40.9

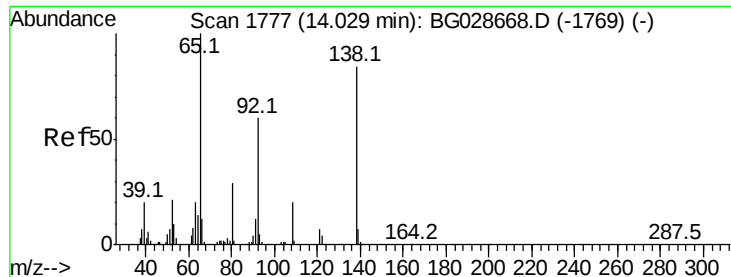


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

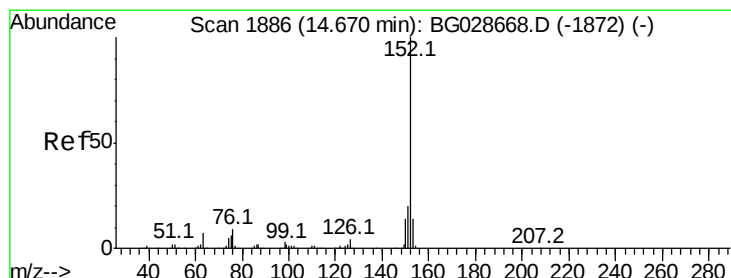
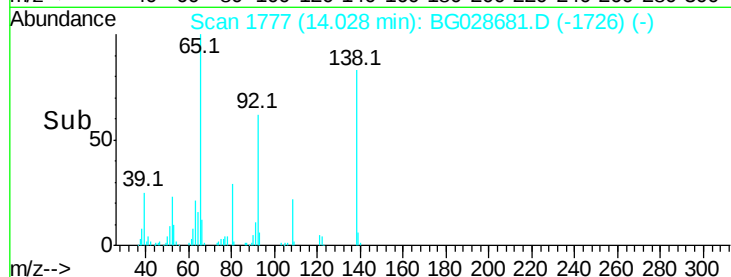
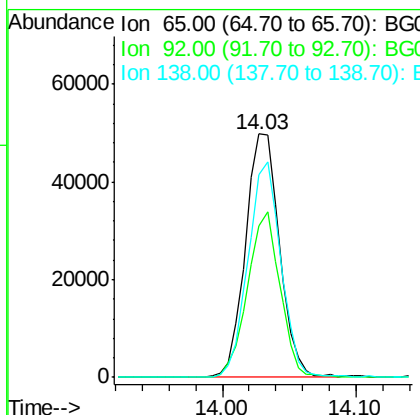
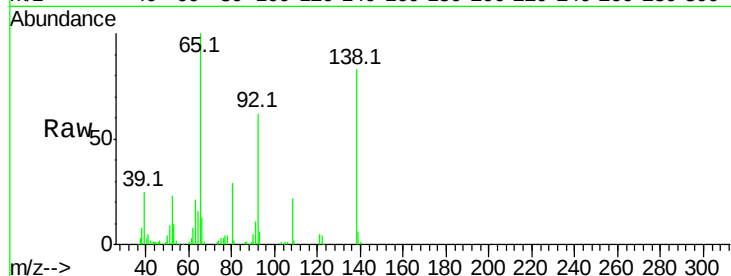




#47
2-Nitroaniline
Concen: 42.781 ng
RT: 14.03 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

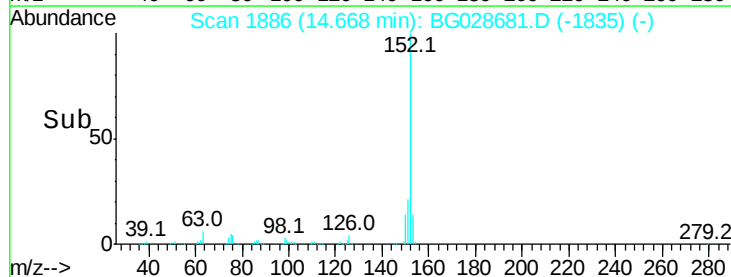
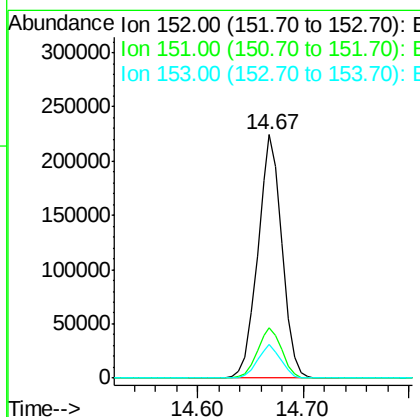
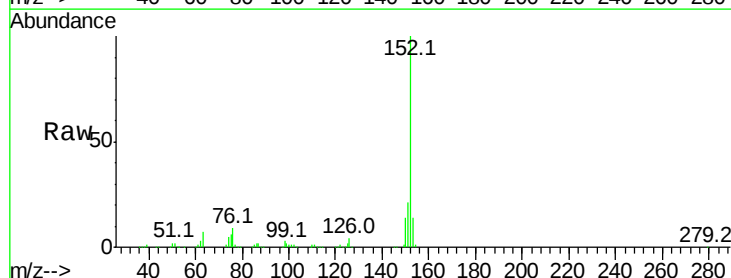
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.0	49.0	73.4
138	83.4	58.6	87.8



#48
Acenaphthylene
Concen: 40.333 ng
RT: 14.67 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	18.2	27.2
153	13.7	11.3	16.9





#49

Dimethylphthalate

Concen: 49.658 ng

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

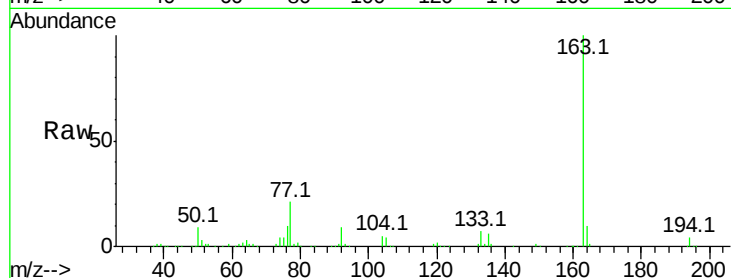
Tot Ion:163 Resp: 380886

Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

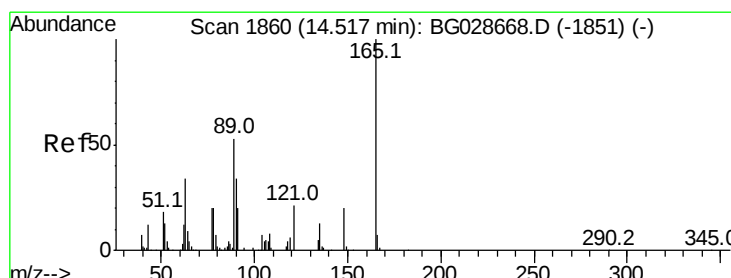
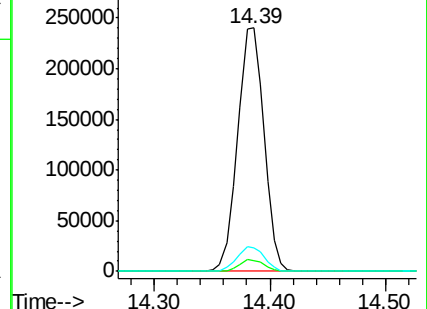
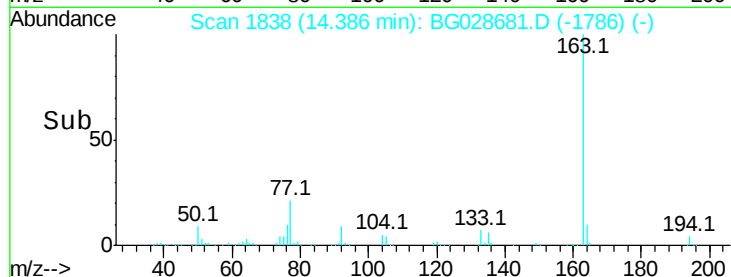
164 9.6 9.3 13.9



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: 42.940 ng

RT: 14.52 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

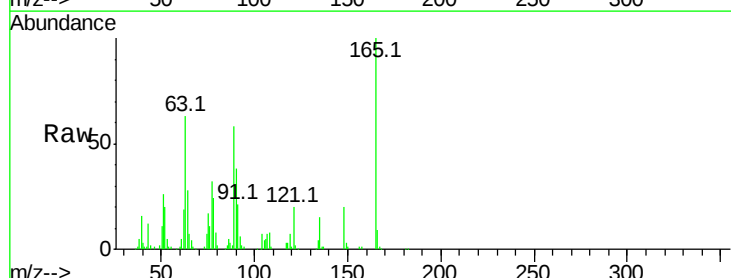
Tgt Ion:165 Resp: 73286

Ion Ratio Lower Upper

165 100

63 63.4 63.9 95.9#

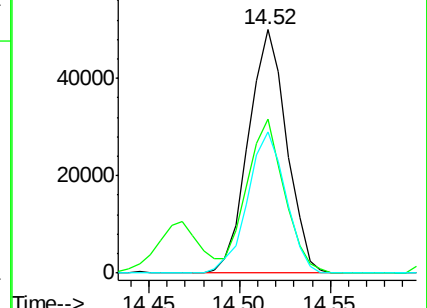
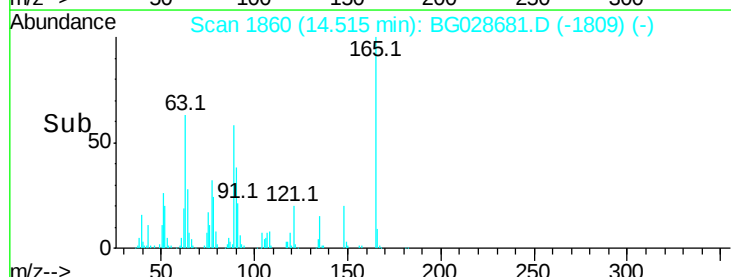
89 57.8 58.6 88.0#

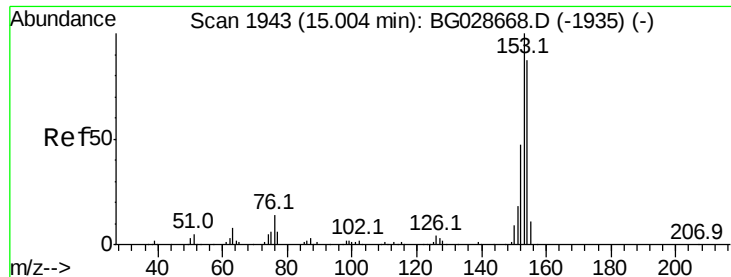


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.171 ng

RT: 15.01 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

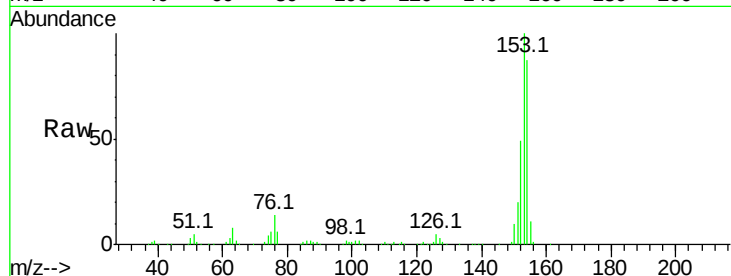
Tot Ion:154 Resp: 215353

Ion Ratio Lower Upper

154 100

153 114.6 87.8 131.6

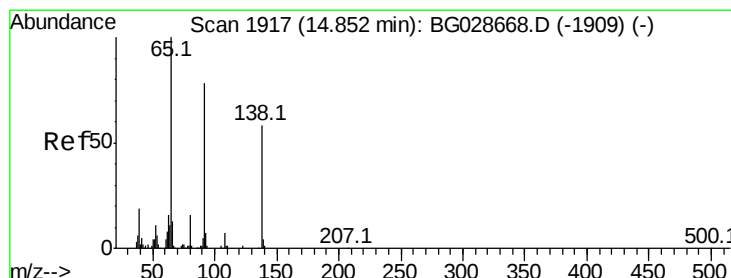
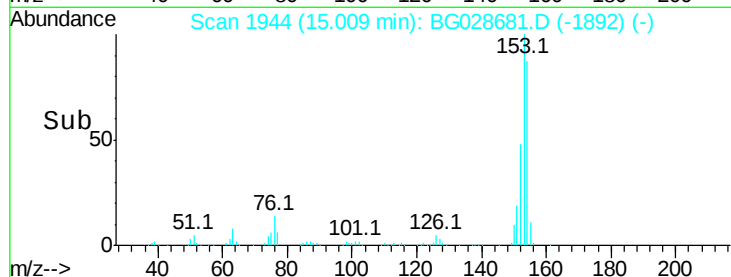
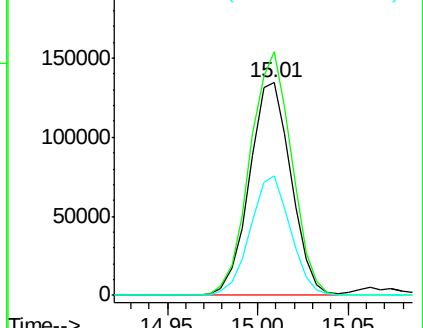
152 56.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.828 ng

RT: 14.85 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

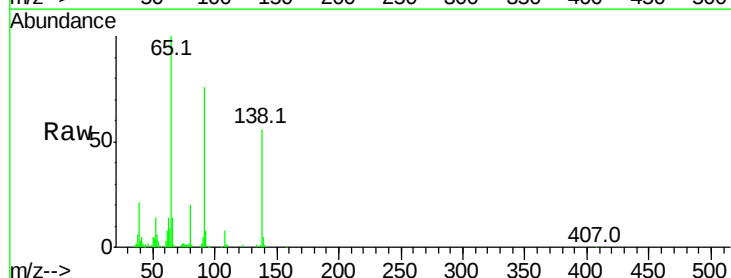
Tgt Ion:138 Resp: 48037

Ion Ratio Lower Upper

138 100

108 13.6 10.9 16.3

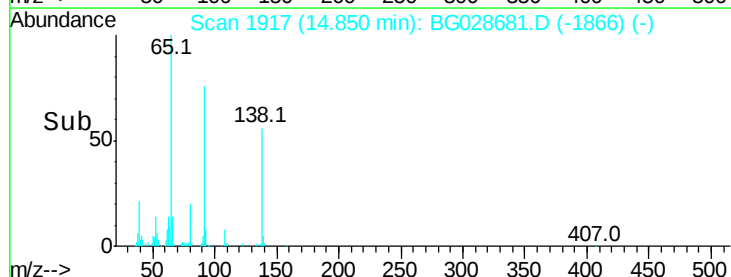
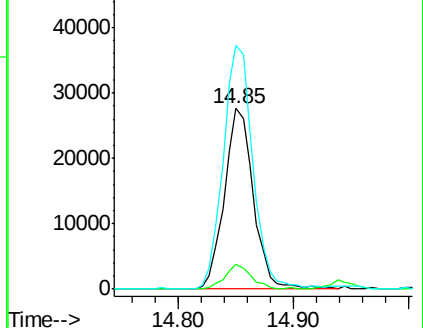
92 135.0 115.3 172.9

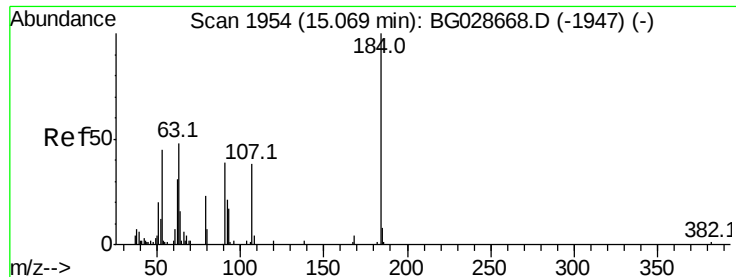


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

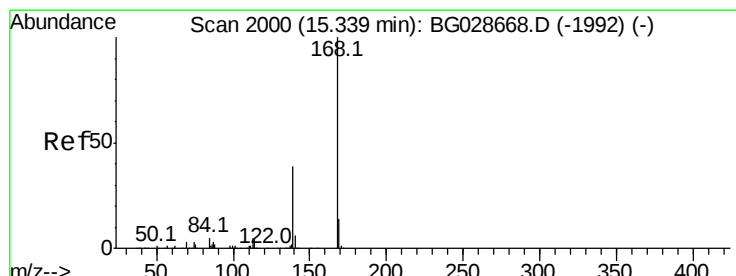
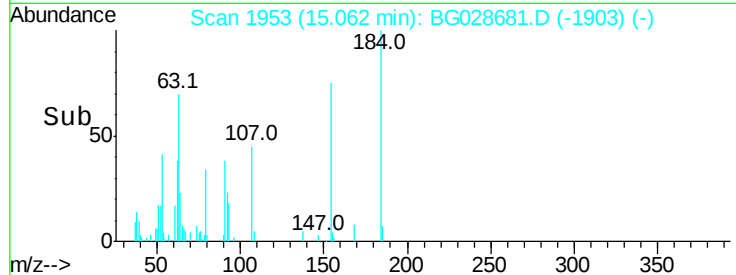
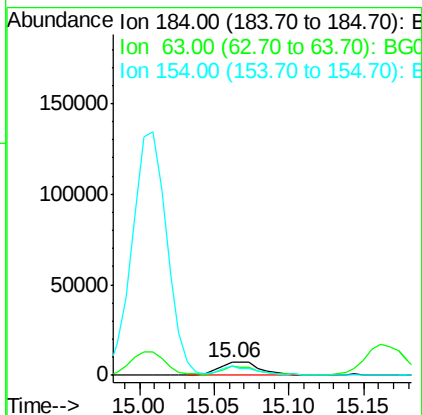
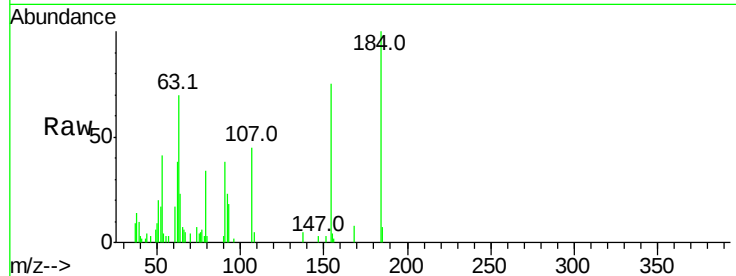




#53
2,4-Dinitrophenol
Concen: 22.383 ng
RT: 15.06 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

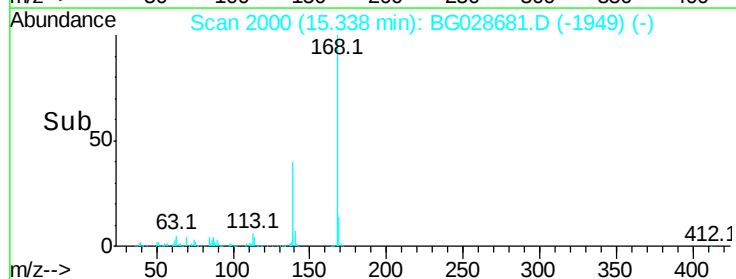
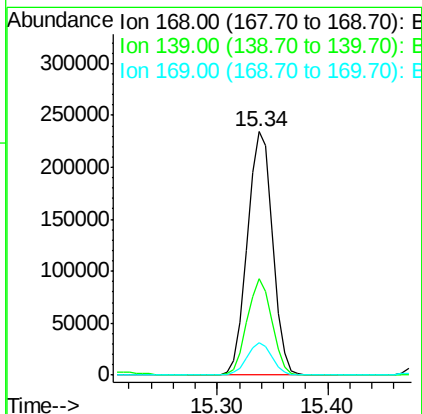
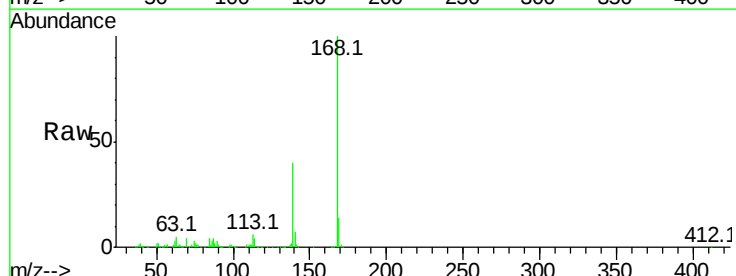
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

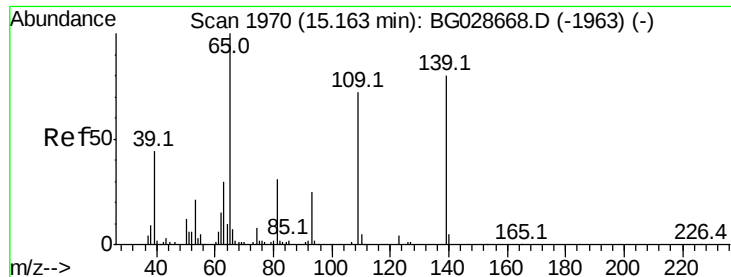
Tot Ion:184 Resp: 14371
Ion Ratio Lower Upper
184 100
63 69.8 52.7 79.1
154 74.8 57.3 85.9



#54
Dibenzofuran
Concen: 44.042 ng
RT: 15.34 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion:168 Resp: 376526
Ion Ratio Lower Upper
168 100
139 39.7 35.3 52.9
169 13.5 11.5 17.3





#55

4-Nitrophenol

Concen: 78.089 ng

RT: 15.16 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

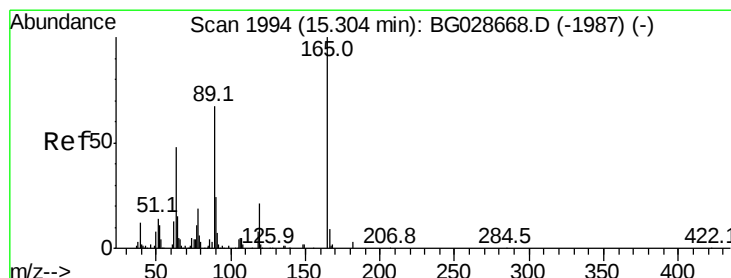
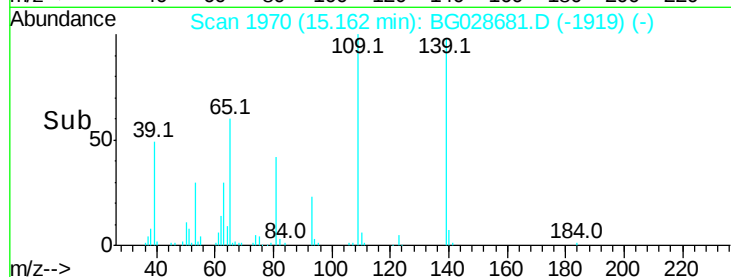
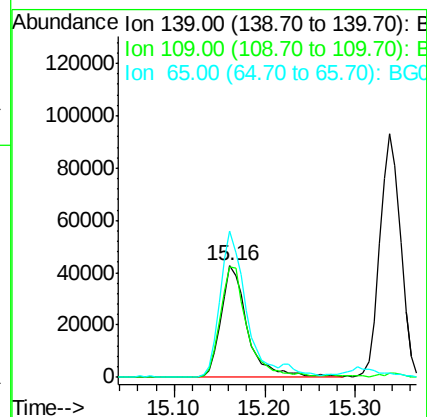
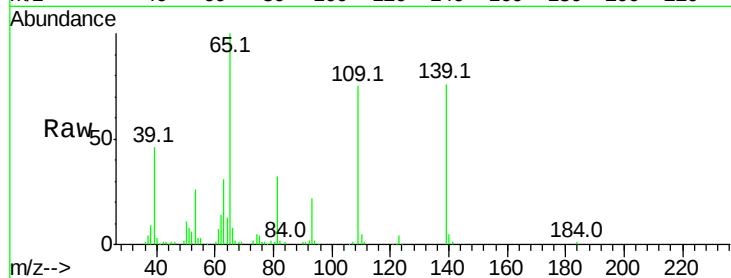
Tot Ion:139 Resp: 86350

Ion Ratio Lower Upper

139 100

109 99.1 101.2 141.2#

65 131.3 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 45.332 ng

RT: 15.30 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:165 Resp: 108788

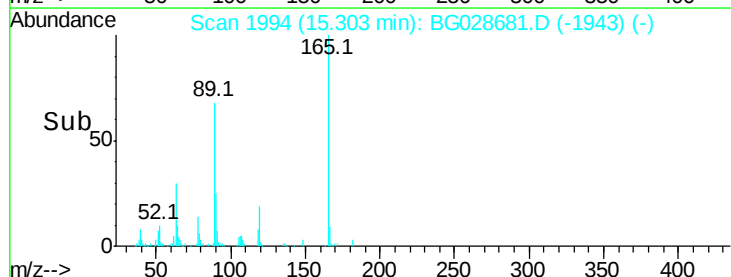
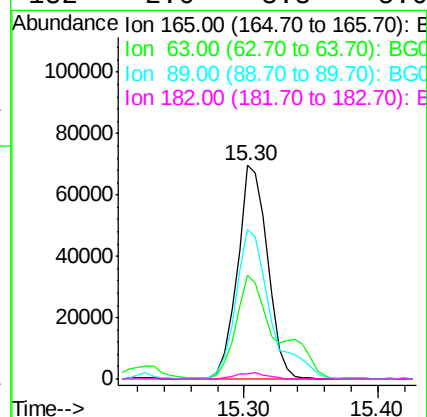
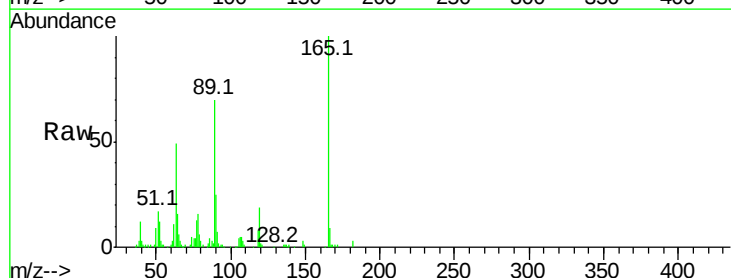
Ion Ratio Lower Upper

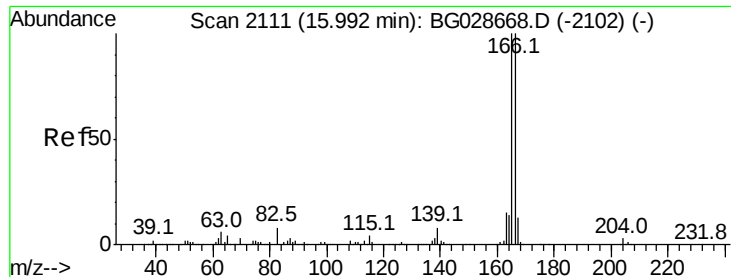
165 100

63 48.8 44.0 66.0

89 70.3 67.3 100.9

182 2.6 3.8 5.6#

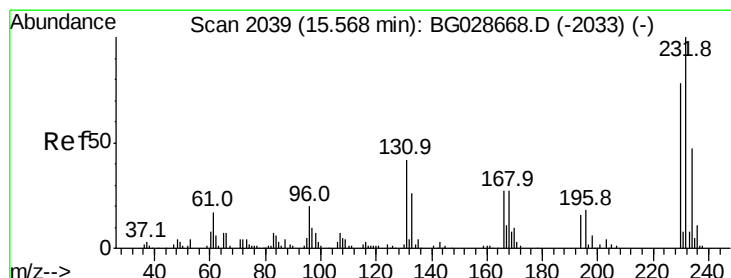
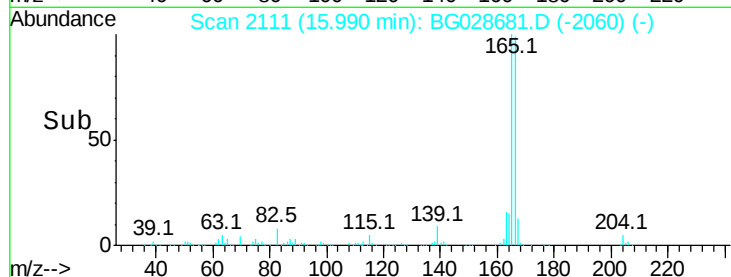
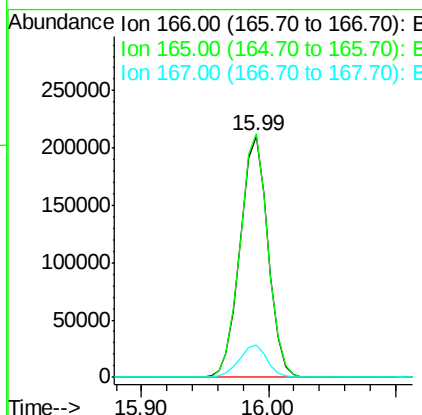
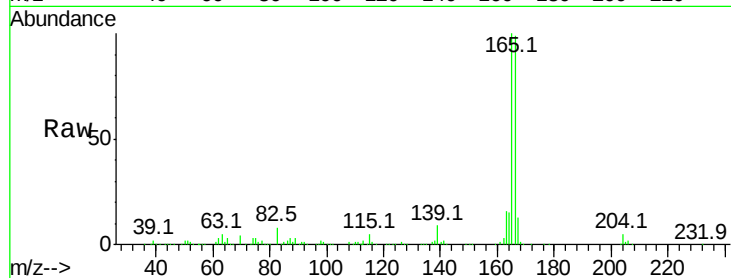




#57
 Fluorene
 Concen: 41.857 ng
 RT: 15.99 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

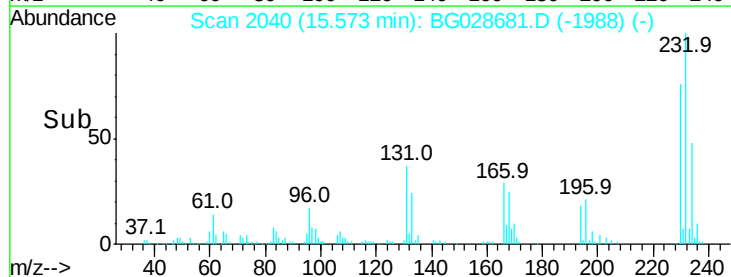
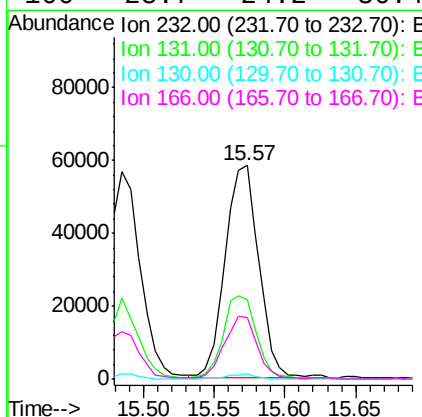
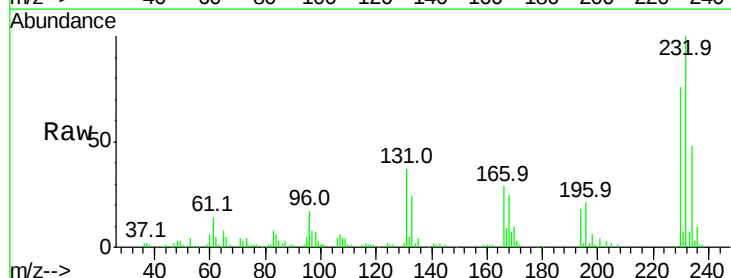
Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion:166 Resp: 319473
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.6 117.8
 167 13.5 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.968 ng
 RT: 15.57 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion:232 Resp: 97174
 Ion Ratio Lower Upper
 232 100
 131 38.1 34.9 52.3
 130 2.1 2.3 3.5#
 166 28.7 24.2 36.4

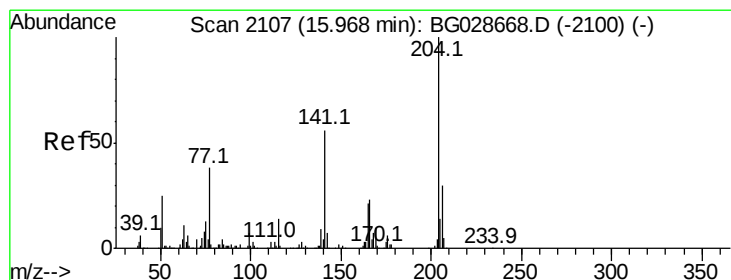
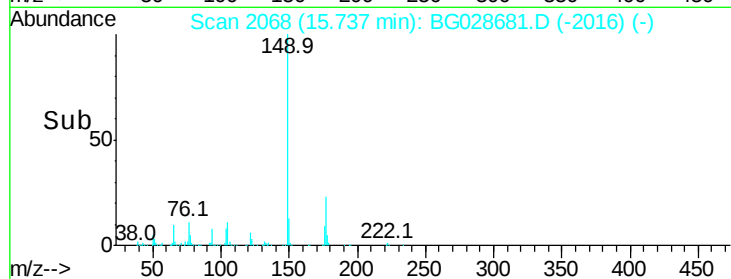
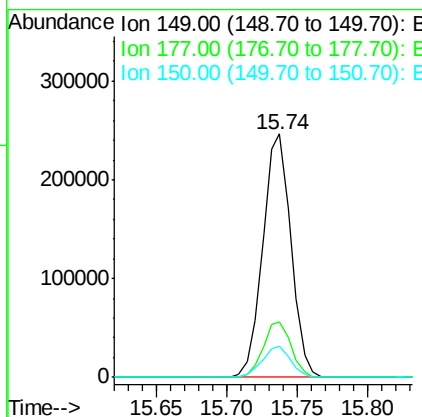
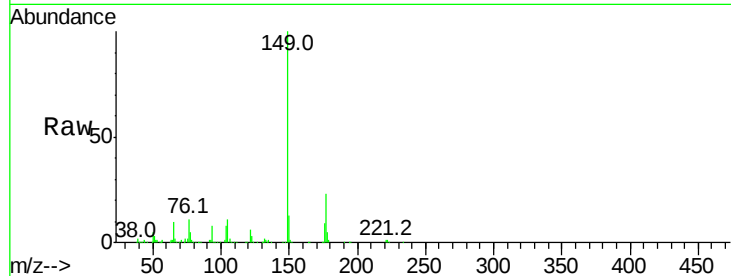




#59
Diethylphthalate
Concen: 43.806 ng
RT: 15.74 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

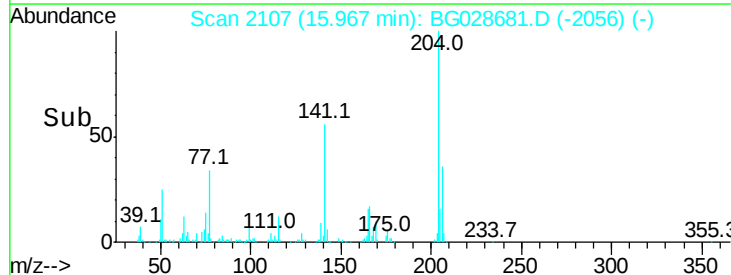
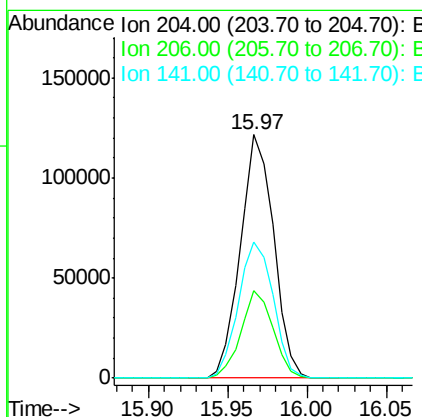
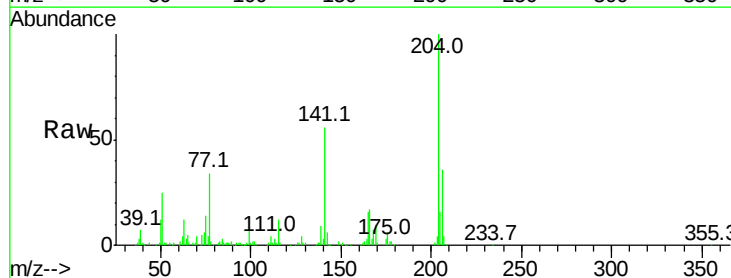
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	20.1	30.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.881 ng
RT: 15.97 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	30.1	45.1
141	55.7	50.6	76.0





#61

4-Nitroaniline

Concen: 41.772 ng

RT: 16.02 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

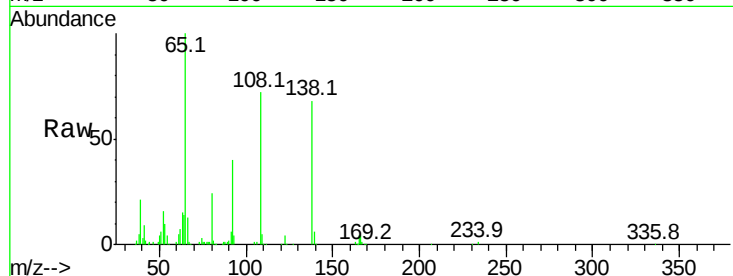
Tot Ion:138 Resp: 66791

Ion Ratio Lower Upper

138 100

92 58.0 44.2 84.2

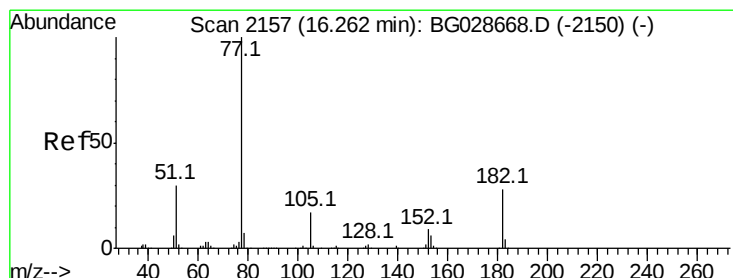
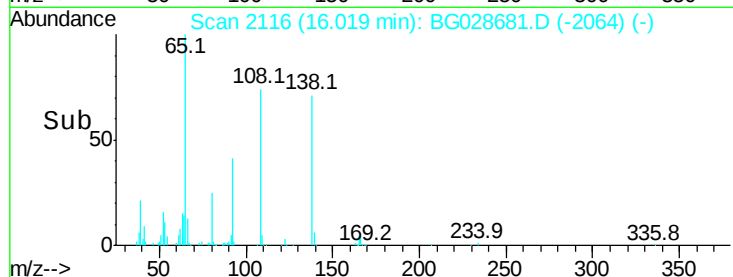
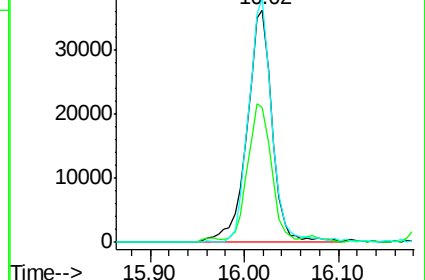
108 104.7 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.169 ng

RT: 16.27 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion: 77 Resp: 306069

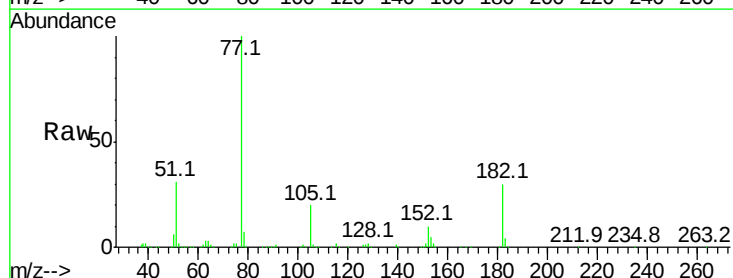
Ion Ratio Lower Upper

77 100

182 30.0 4.7 44.7

105 19.9 0.0 36.3

51 30.7 16.4 56.4

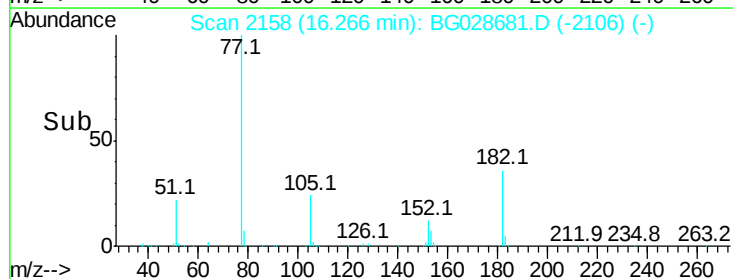
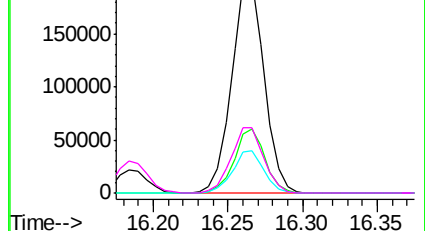


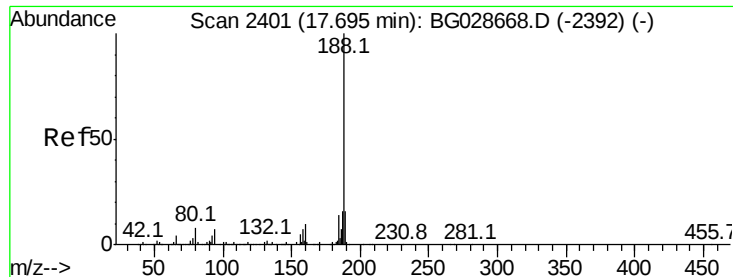
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

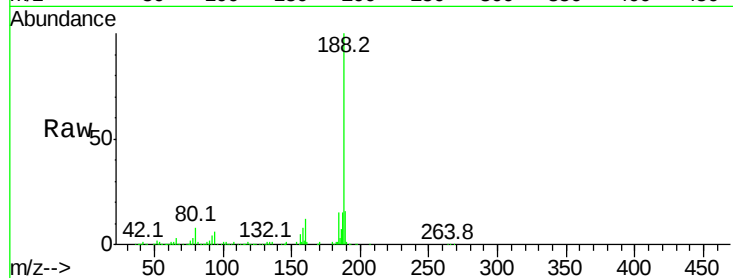
Tot Ion:188 Resp: 251031

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

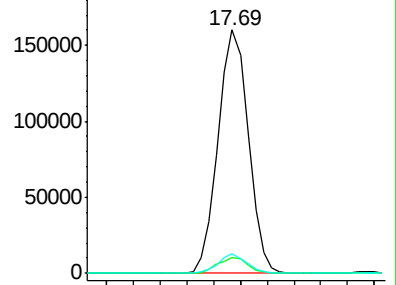
80 8.1 7.5 11.3



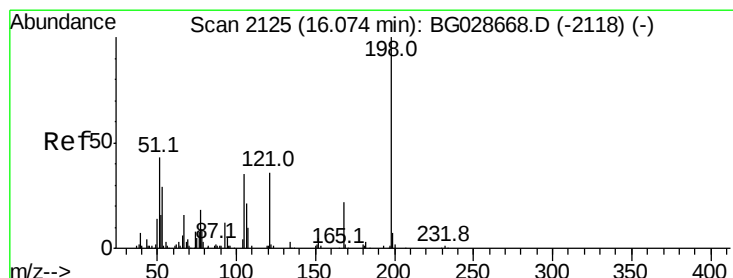
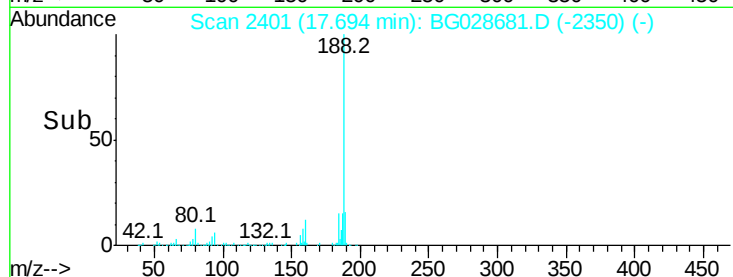
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 20.974 ng

RT: 16.07 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

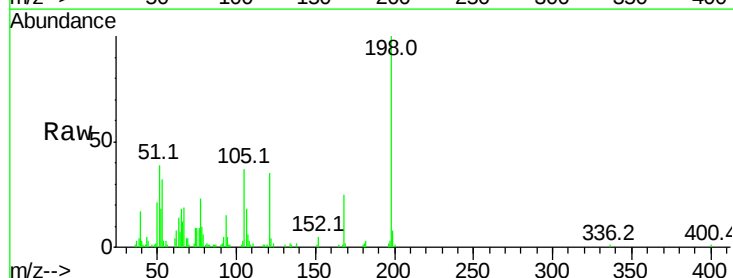
Tgt Ion:198 Resp: 33974

Ion Ratio Lower Upper

198 100

51 39.3 22.6 62.6

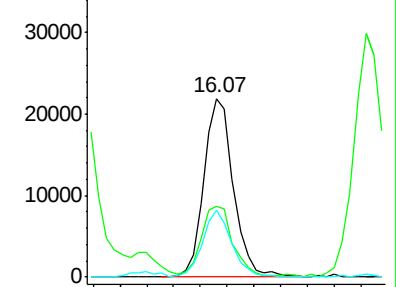
105 37.3 14.4 54.4



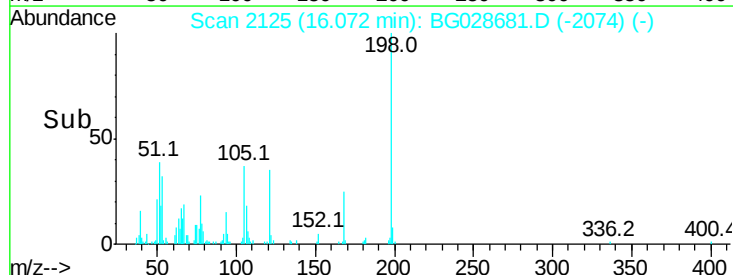
Abundance Ion 198.00 (197.70 to 198.70): E

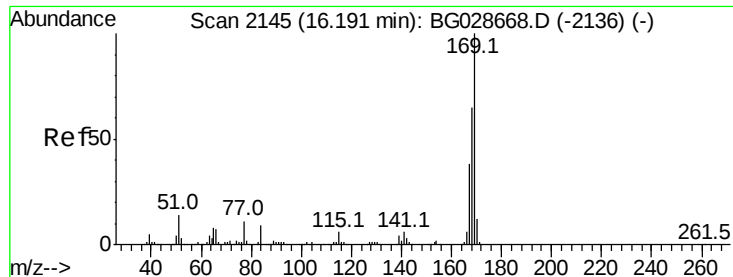
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.418 ng

RT: 16.19 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

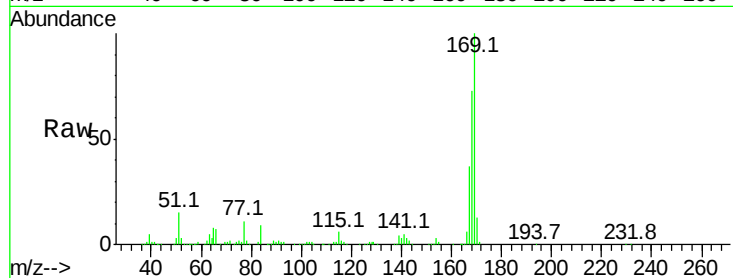
Tot Ion:169 Resp: 276462

Ion Ratio Lower Upper

169 100

168 73.5 55.7 83.5

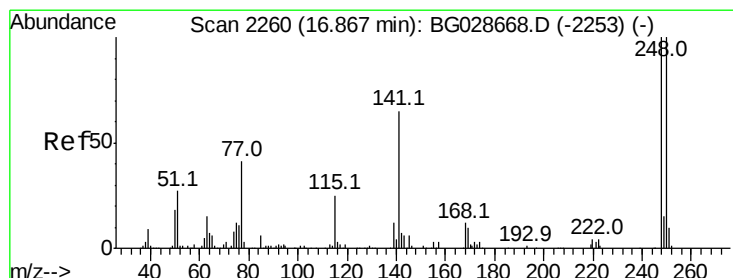
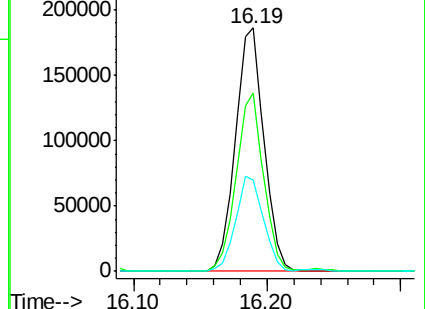
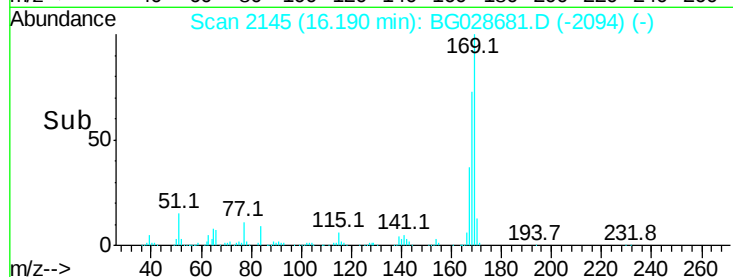
167 37.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.935 ng

RT: 16.87 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

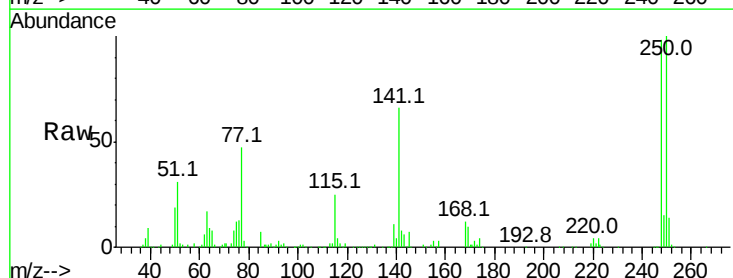
Tgt Ion:248 Resp: 128992

Ion Ratio Lower Upper

248 100

250 102.0 75.0 112.6

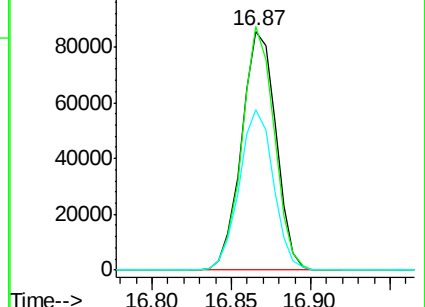
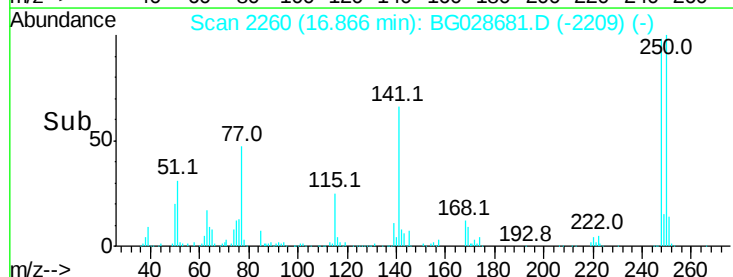
141 67.0 55.2 82.8

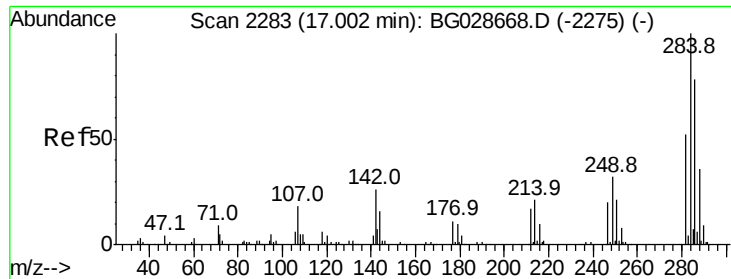


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.472 ng

RT: 17.00 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

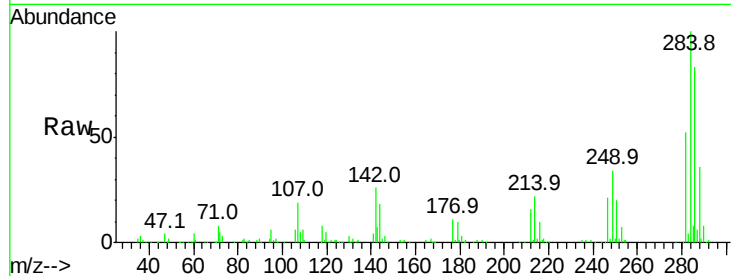
Tot Ion:284 Resp: 134081

Ion Ratio Lower Upper

284 100

142 25.7 29.9 44.9#

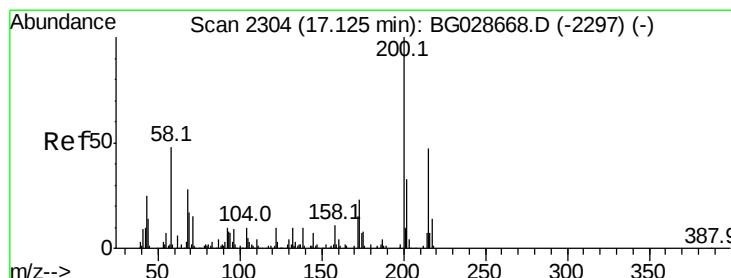
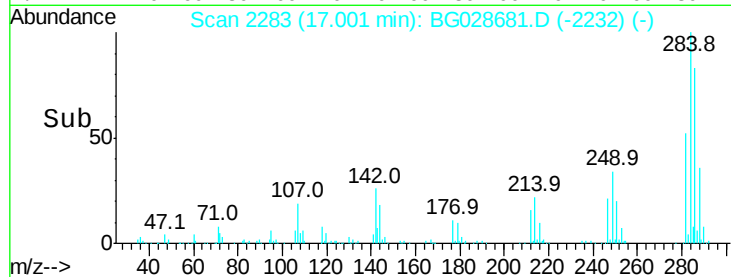
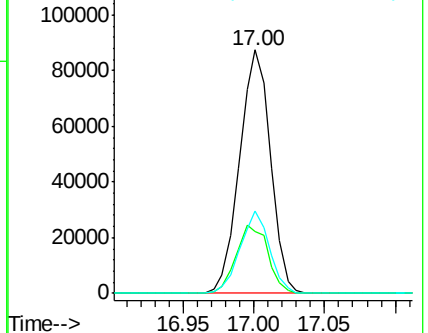
249 33.6 29.2 43.8



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: 33.203 ng

RT: 17.13 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

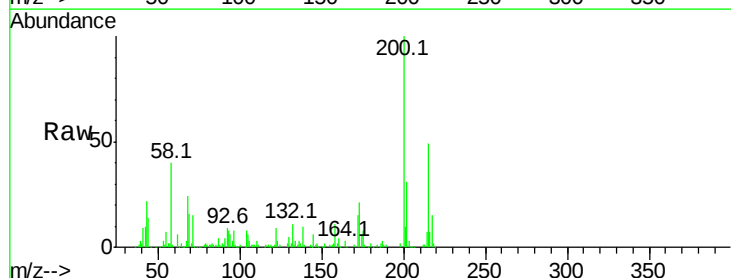
Tgt Ion:200 Resp: 102592

Ion Ratio Lower Upper

200 100

173 20.5 3.0 43.0

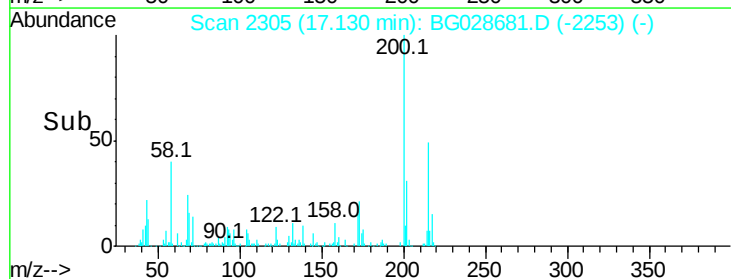
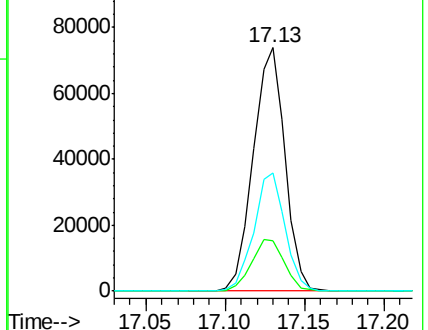
215 48.6 28.4 68.4

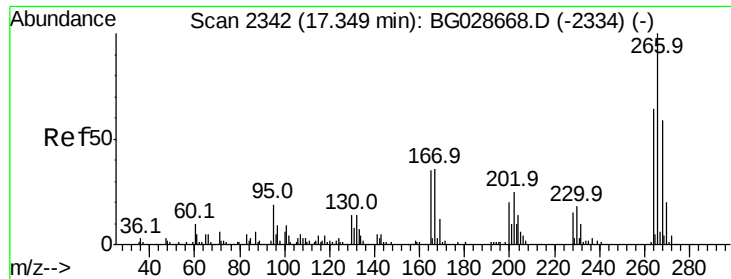


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

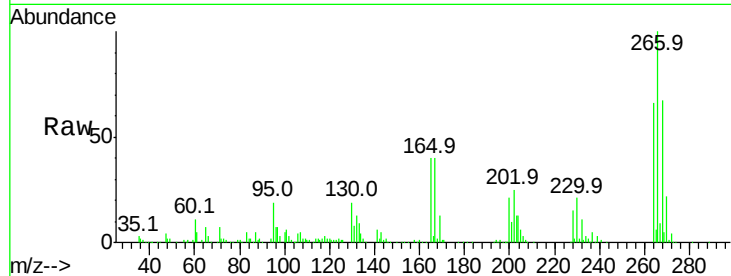




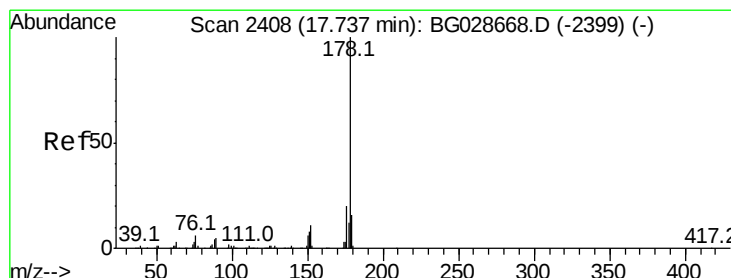
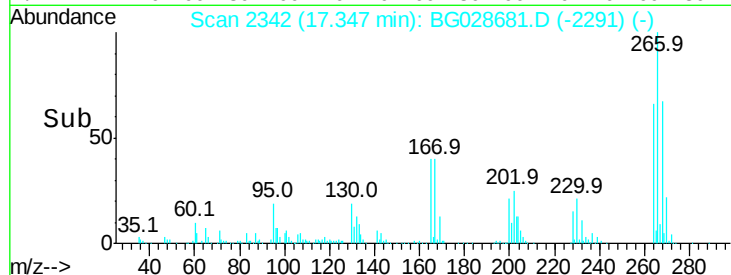
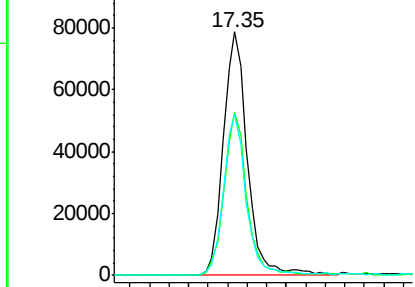
#69
 Pentachlorophenol
 Concen: 80.529 ng
 RT: 17.35 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	48.6	72.8
264	65.9	50.1	75.1

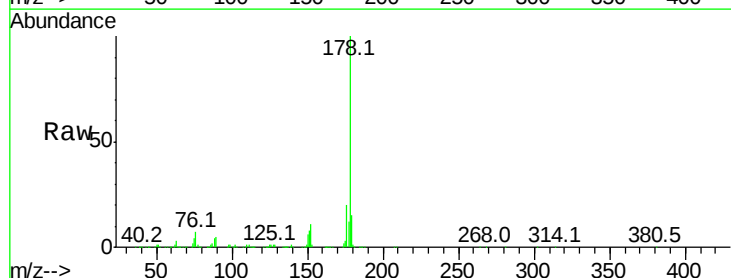


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

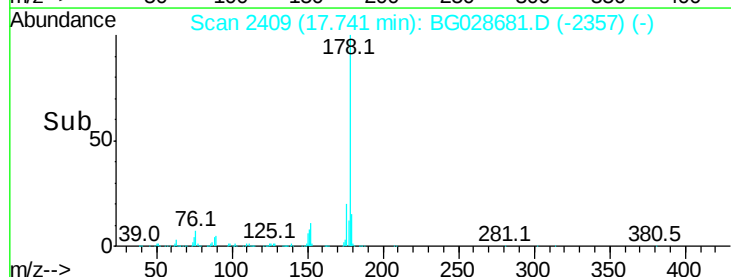
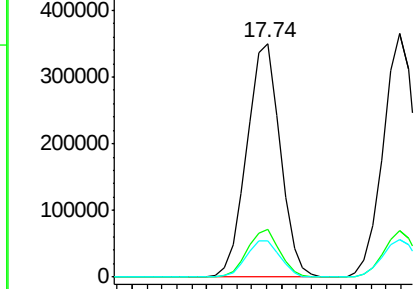


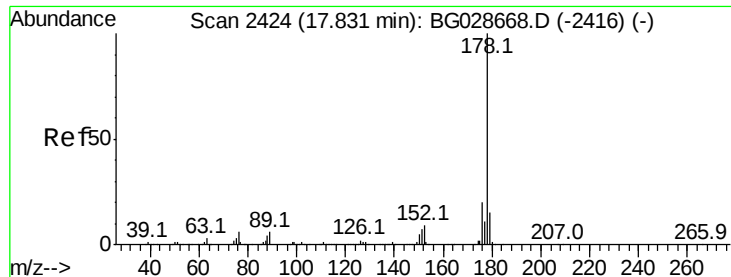
#70
 Phenanthrene
 Concen: 42.125 ng
 RT: 17.74 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.7	26.5
179	15.3	15.0	22.6



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





#71

Anthracene

Concen: 42.397 ng

RT: 17.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

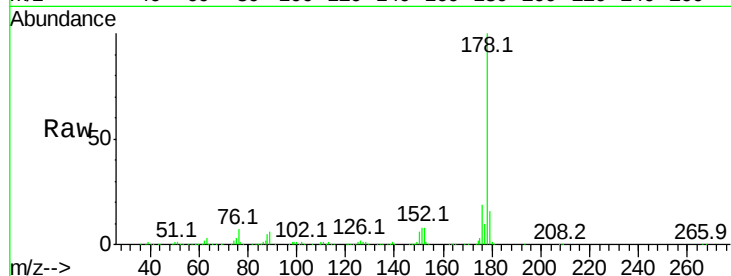
BNA_G

ClientSampleId :

EP-13MSD

Tot Ion:178 Resp: 549791

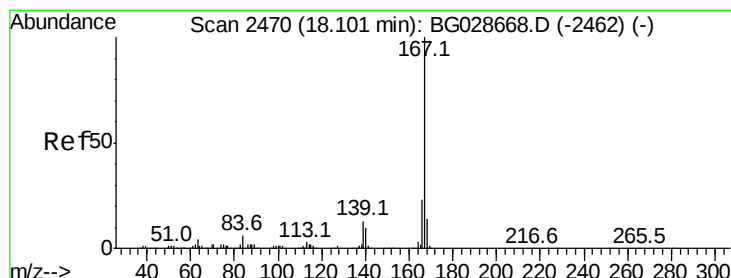
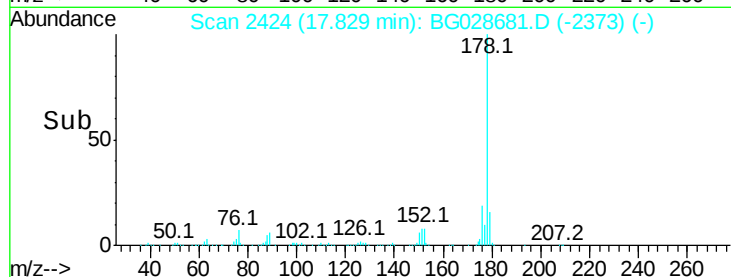
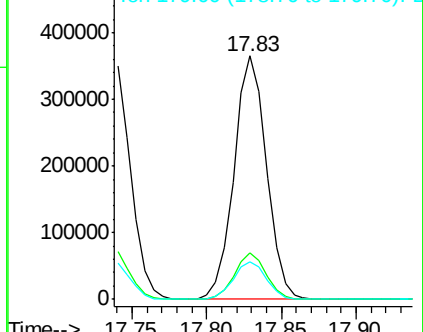
Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.4	24.6
179	15.7	13.8	20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.388 ng

RT: 18.10 min Scan# 2470

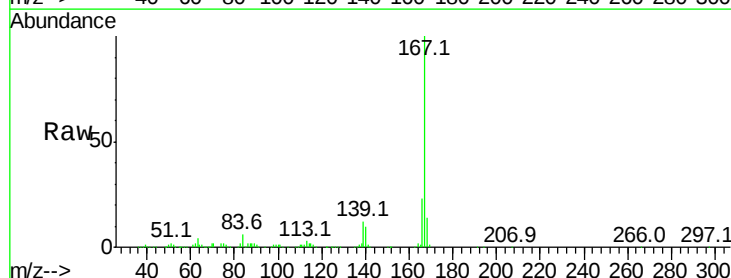
Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:167 Resp: 471695

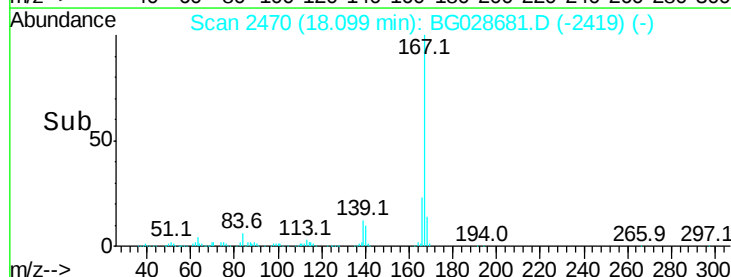
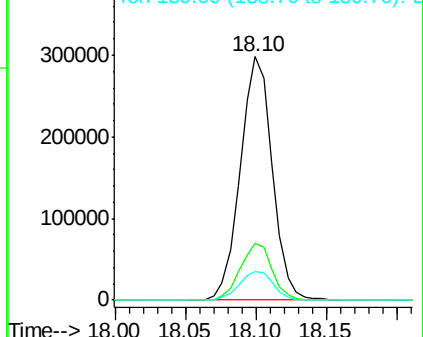
Ion	Ratio	Lower	Upper
167	100		
166	23.3	20.2	30.2
139	11.9	12.8	19.2#

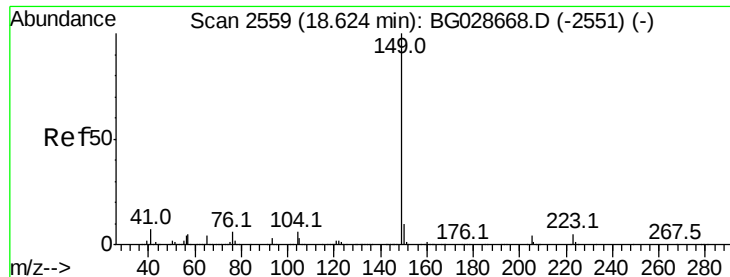


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

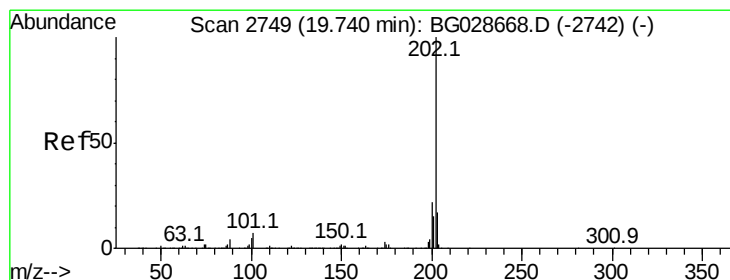
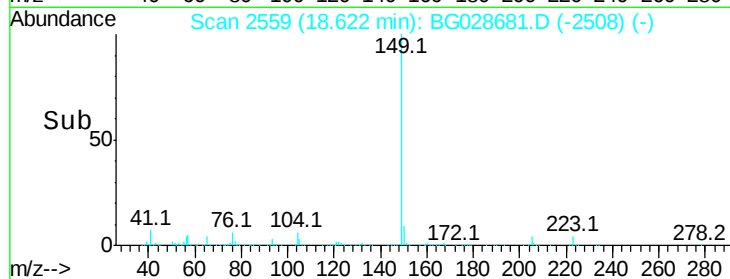
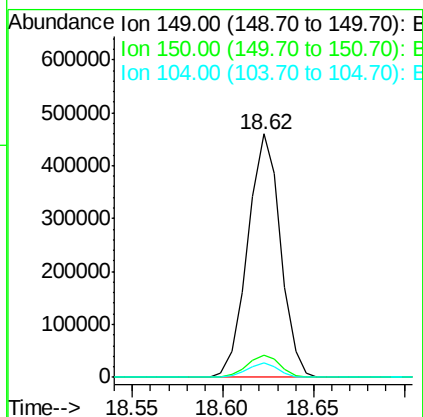
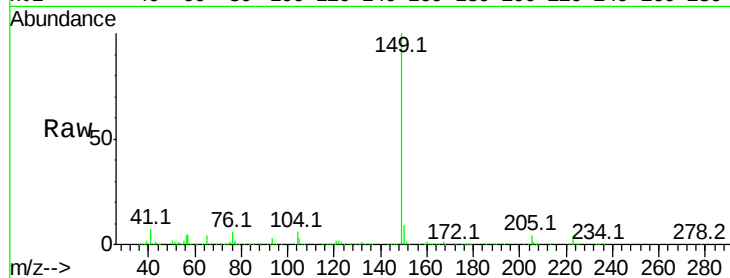




#73
Di-n-butylphthalate
Concen: 40.264 ng
RT: 18.62 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

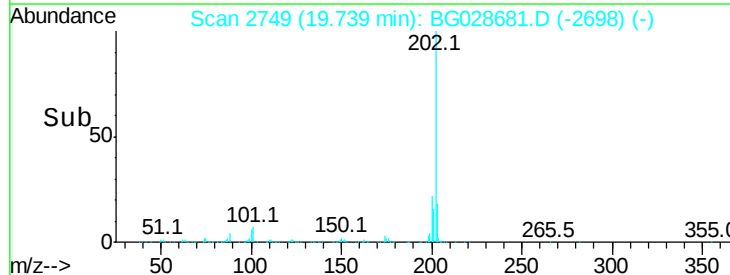
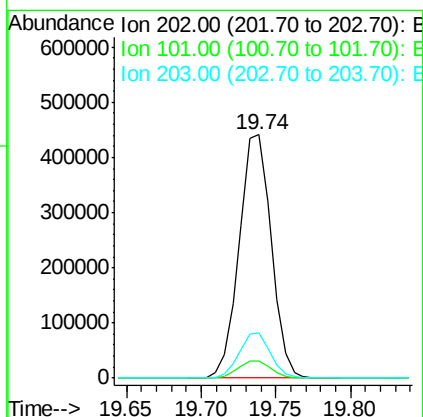
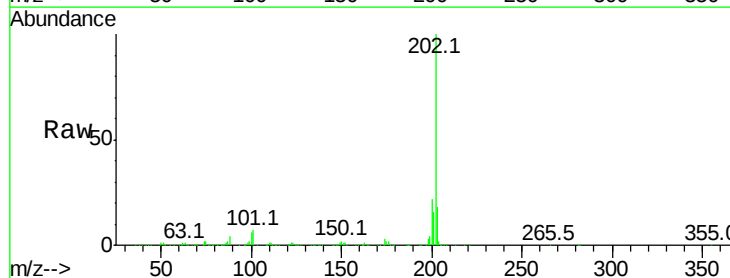
Instrument :
BNA_G
ClientSampleId :
EP-13MSD

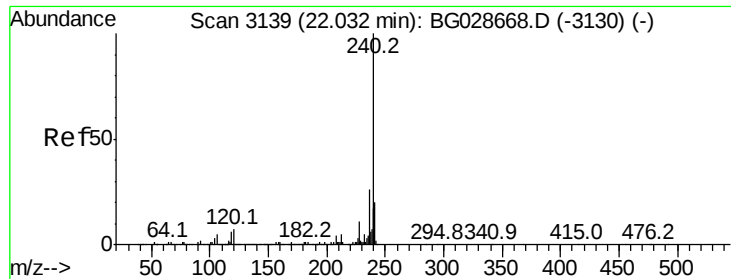
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	9.1	13.7#
104	5.9	6.7	10.1#



#74
Fluoranthene
Concen: 41.854 ng
RT: 19.74 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BG028681.D
Acq: 12 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	30.1
203	18.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

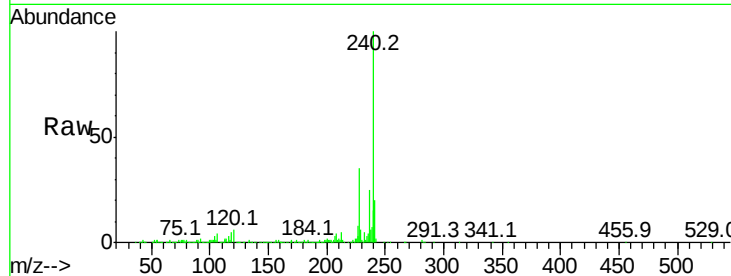
Tot Ion:240 Resp: 284634

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

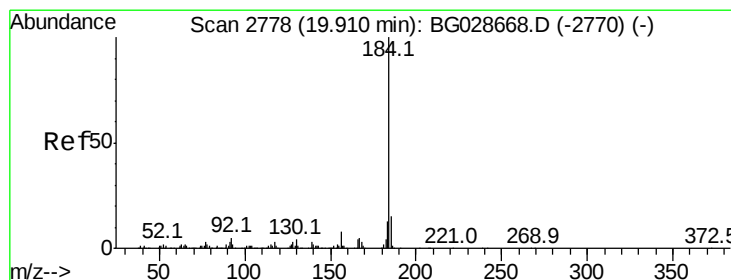
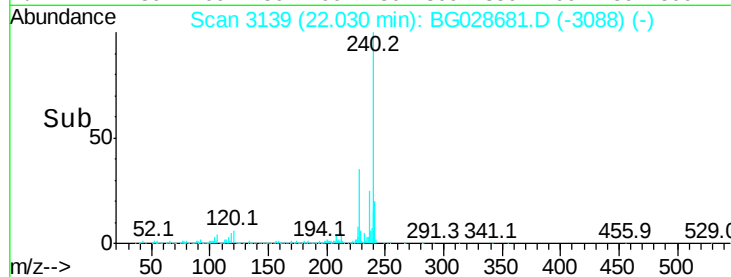
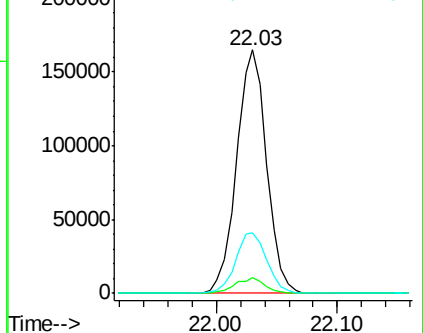
236 24.9 22.2 33.4



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: 2.201 ng

RT: 19.91 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

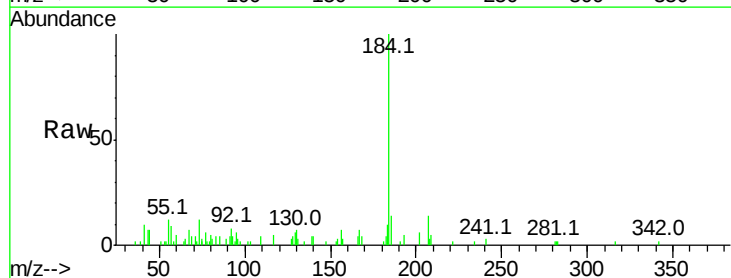
Tgt Ion:184 Resp: 16243

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

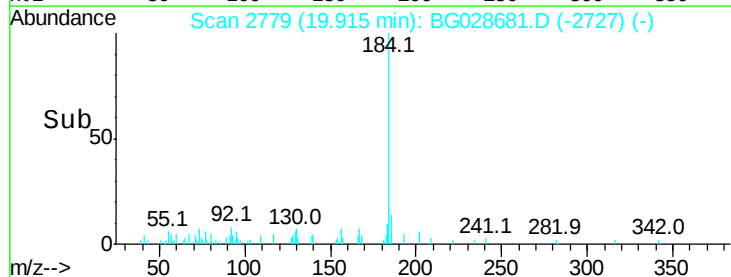
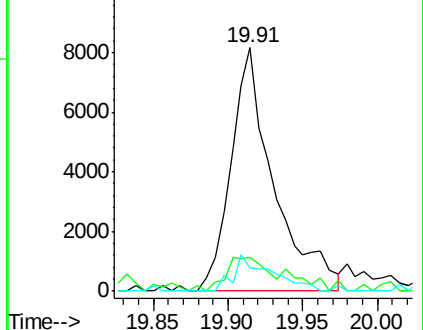
183 9.6 11.0 16.6#

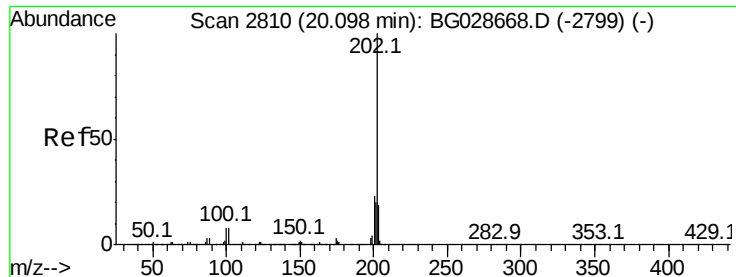


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.225 ng

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

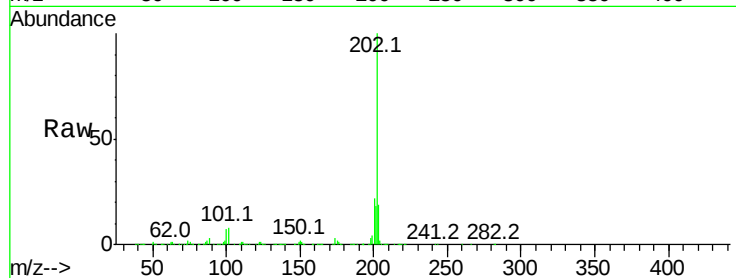
Tot Ion:202 Resp: 676830

Ion Ratio Lower Upper

202 100

200 21.8 19.6 29.4

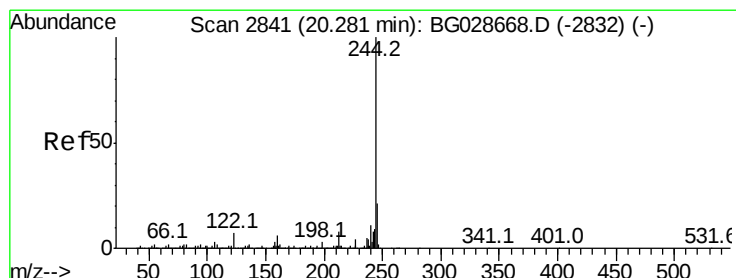
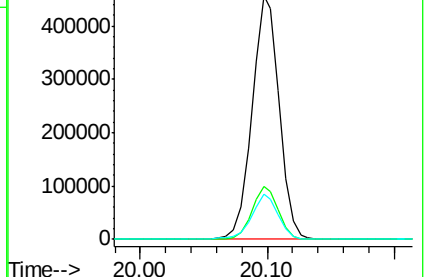
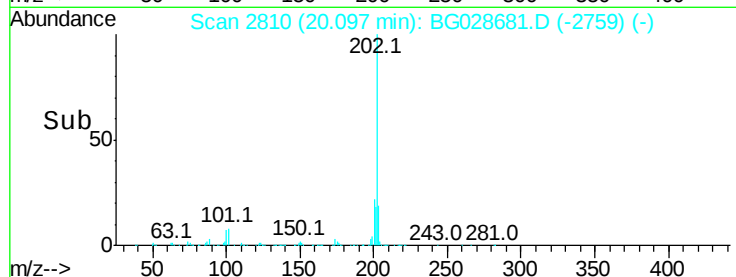
203 18.8 15.8 23.8



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



#78

Terphenyl-d14

Concen: 73.129 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

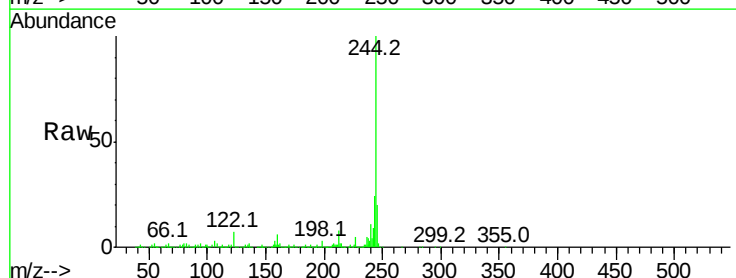
Tgt Ion:244 Resp: 976051

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

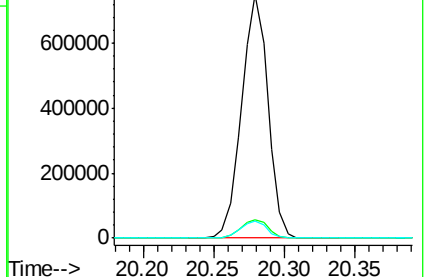
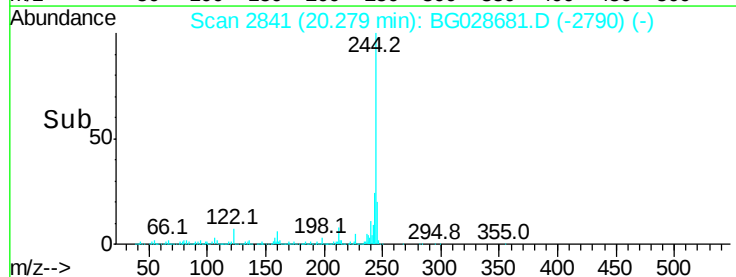
122 7.2 8.6 12.8#

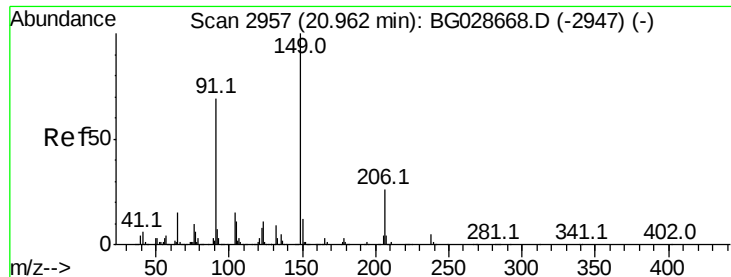


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.446 ng

RT: 20.96 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampled :

EP-13MSD

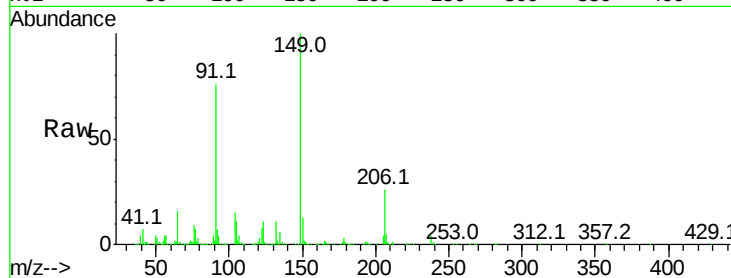
Tot Ion:149 Resp: 261549

Ion Ratio Lower Upper

149 100

91 76.2 63.5 95.3

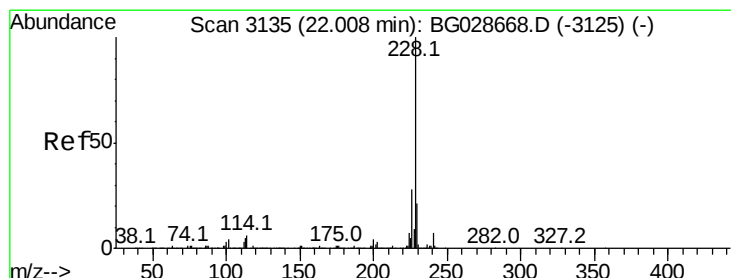
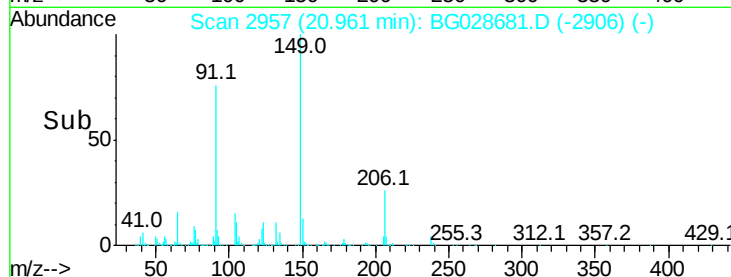
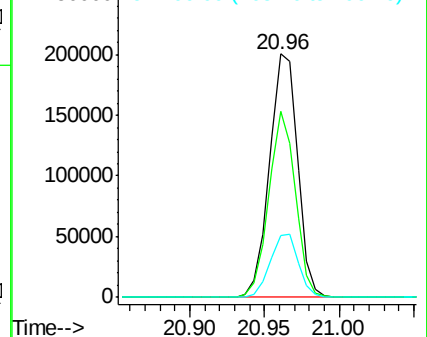
206 25.6 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.336 ng

RT: 22.01 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

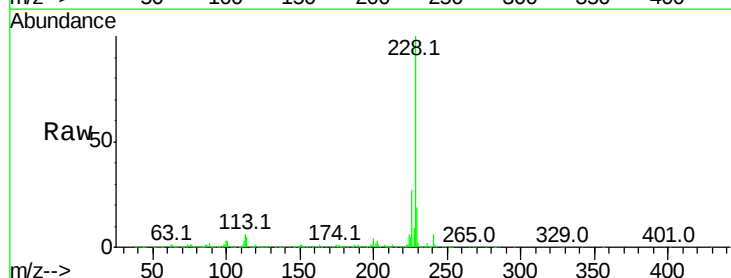
Tgt Ion:228 Resp: 708217

Ion Ratio Lower Upper

228 100

226 26.7 24.9 37.3

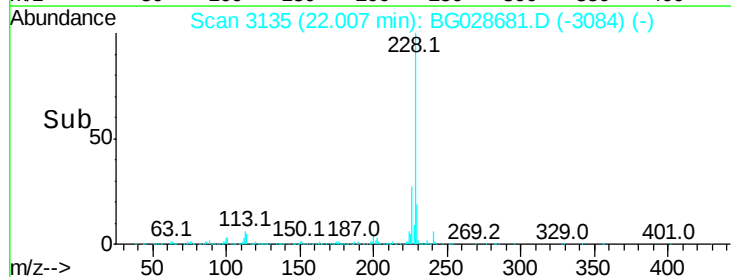
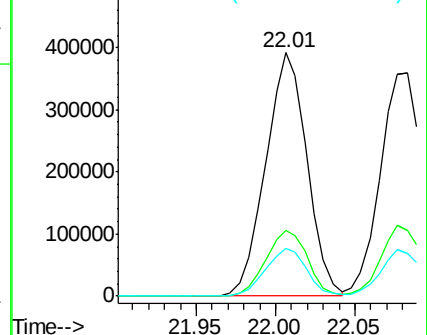
229 19.5 18.2 27.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

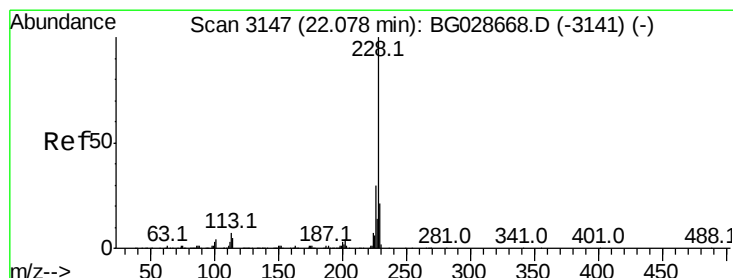
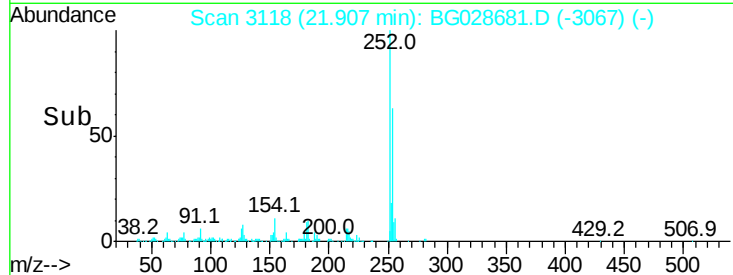
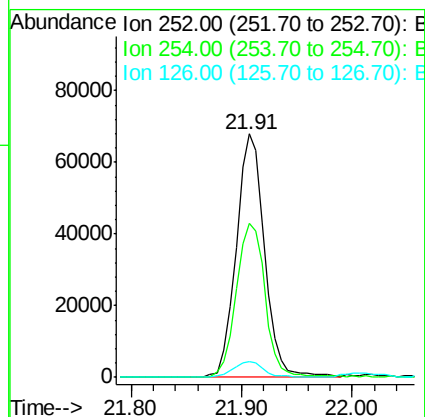
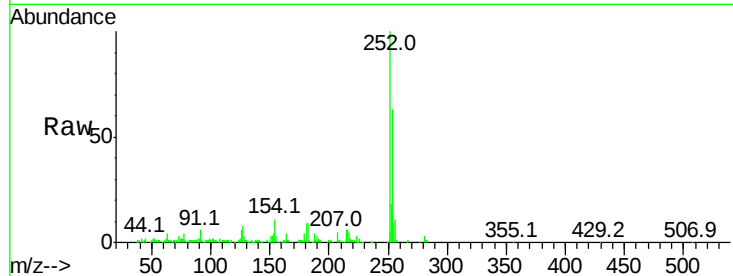




#81
 3,3'-Dichlorobenzidine
 Concen: 17.635 ng
 RT: 21.91 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

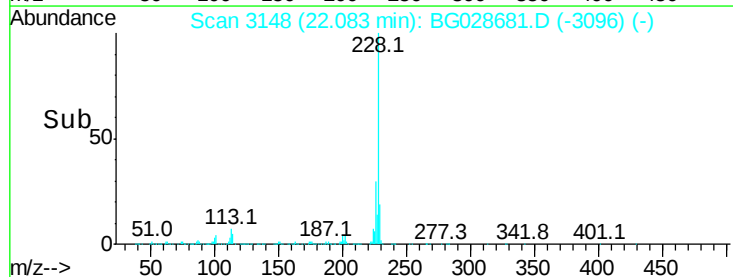
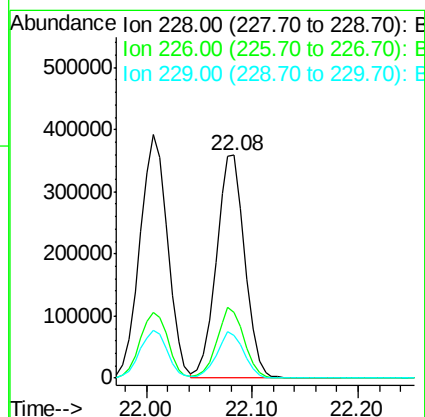
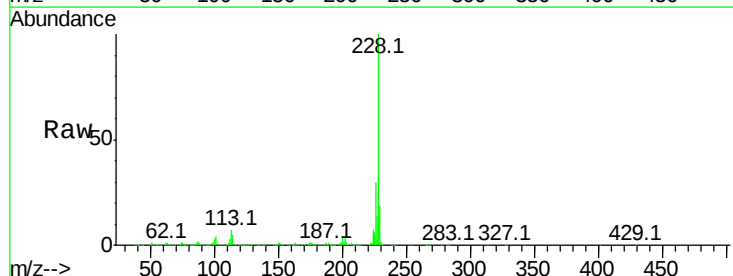
Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

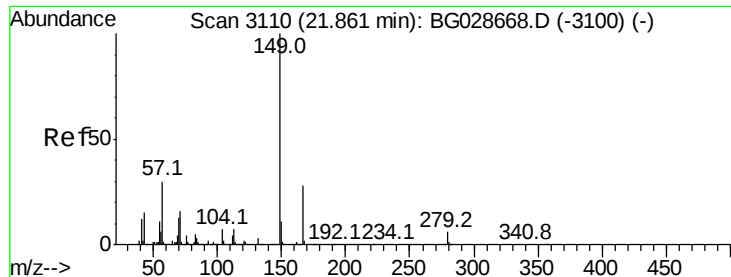
Tot Ion:252	Resp:	122502
Ion Ratio	Lower	Upper
252	100	
254	63.1	53.1 79.7
126	6.5	7.0 10.4#



#82
 Chrysene
 Concen: 41.085 ng
 RT: 22.08 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion:228	Resp:	667886
Ion Ratio	Lower	Upper
228	100	
226	29.7	27.0 40.4
229	19.2	17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.128 ng

RT: 21.86 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

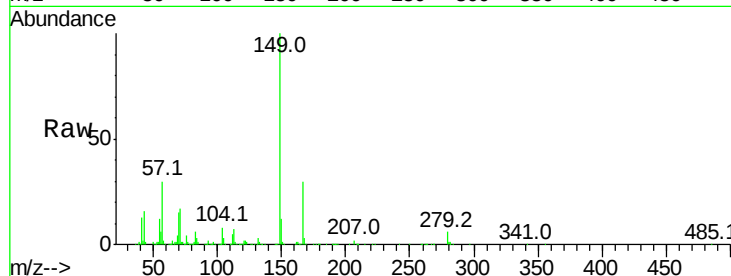
Tot Ion:149 Resp: 368842

Ion Ratio Lower Upper

149 100

167 29.6 23.7 35.5

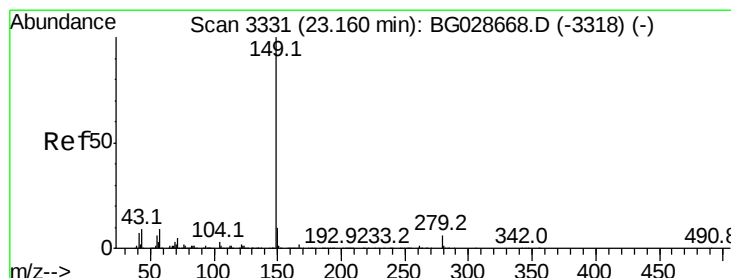
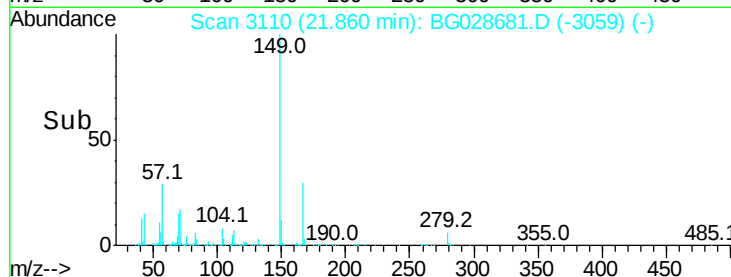
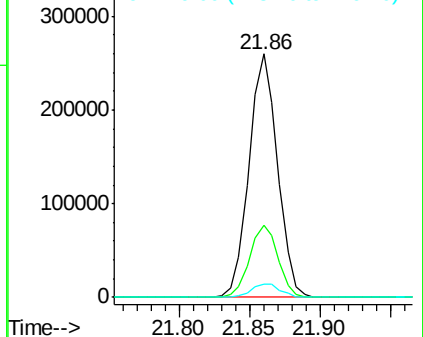
279 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.344 ng

RT: 23.16 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

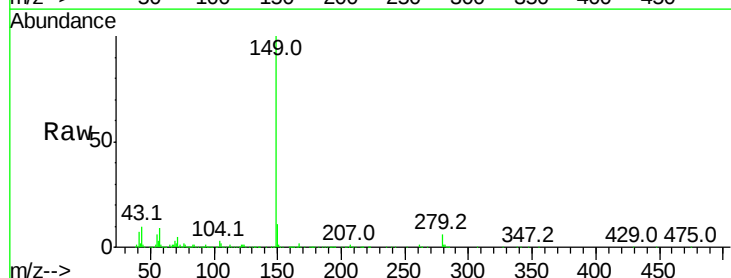
Tgt Ion:149 Resp: 647981

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

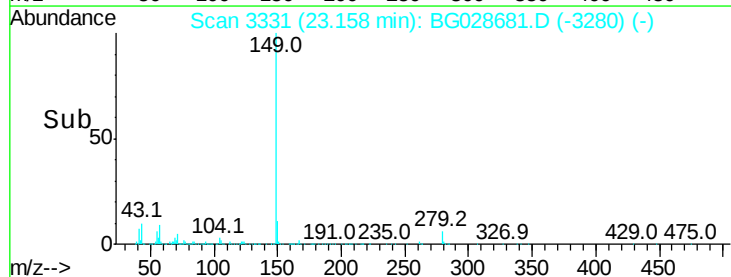
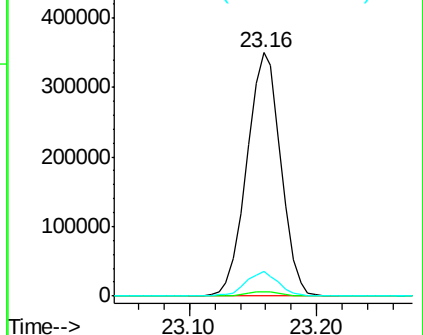
43 9.7 11.8 17.6#

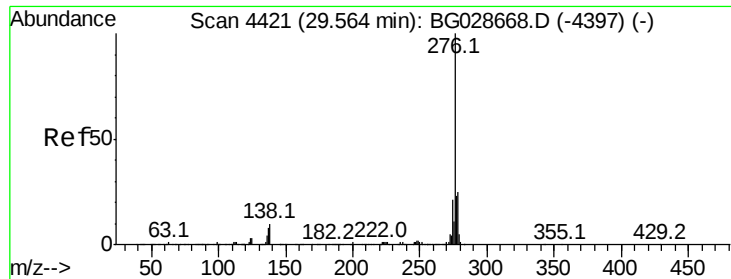


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

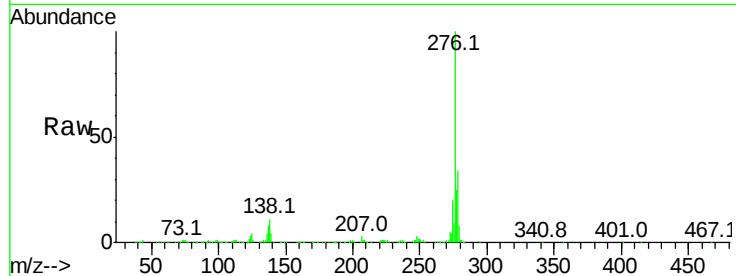




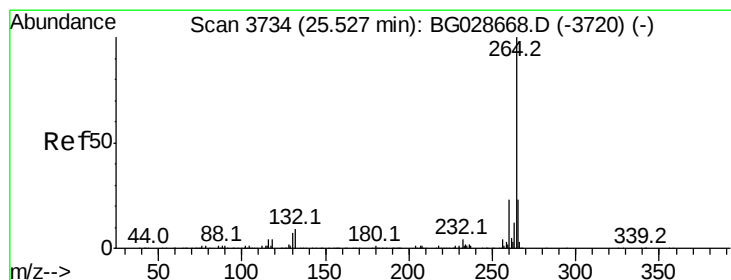
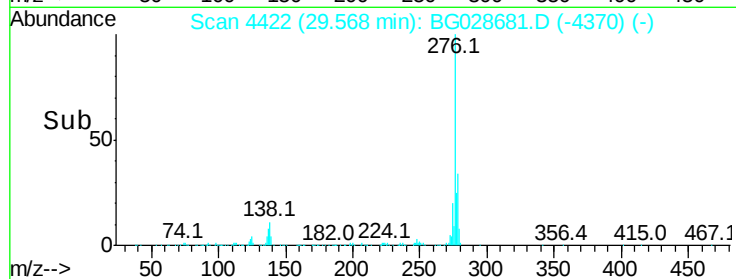
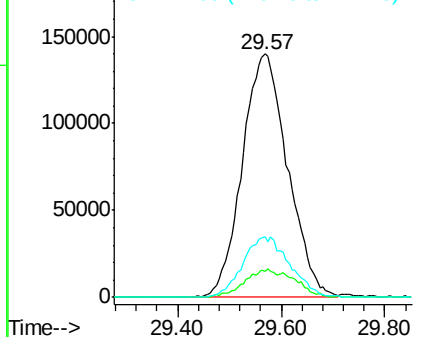
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.781 ng
 RT: 29.57 min Scan# 4422
 Delta R.T. 0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion:276 Resp: 851790
 Ion Ratio Lower Upper
 276 100
 138 7.9 4.7 7.1#
 277 25.7 20.6 31.0

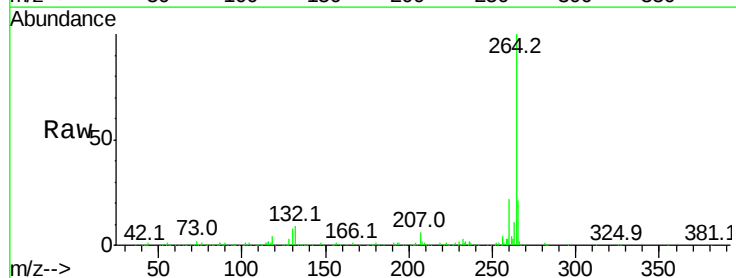


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

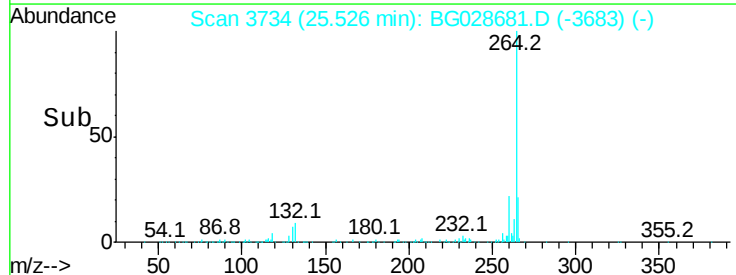
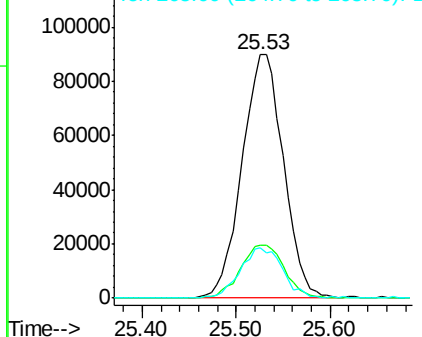


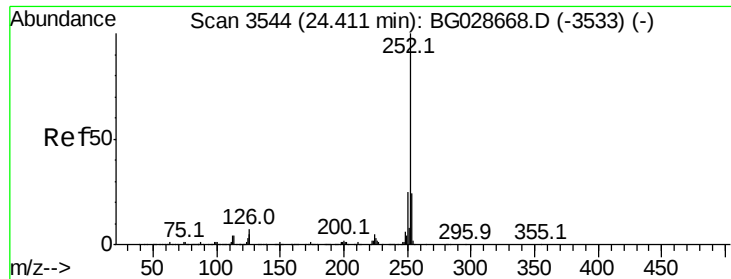
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Tgt Ion:264 Resp: 273796
 Ion Ratio Lower Upper
 264 100
 260 21.8 21.8 32.8#
 265 20.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.819 ng

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

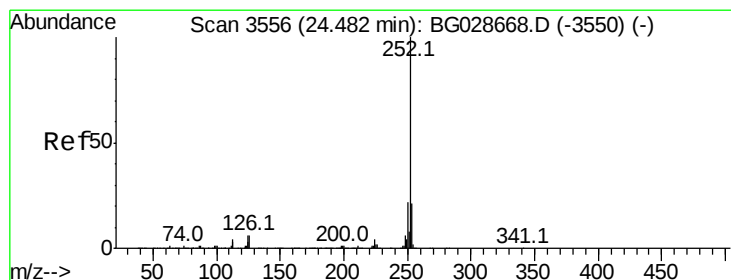
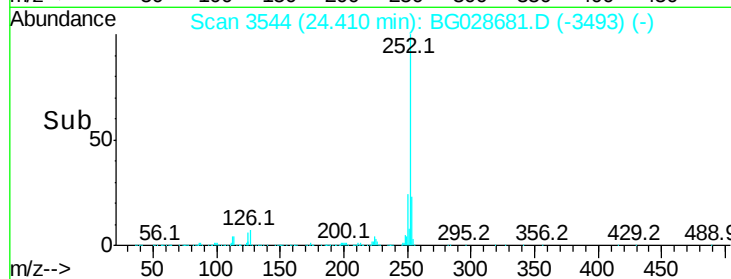
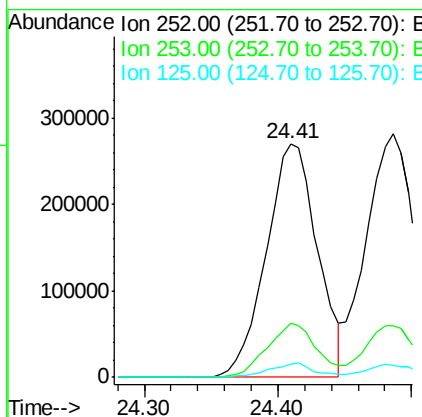
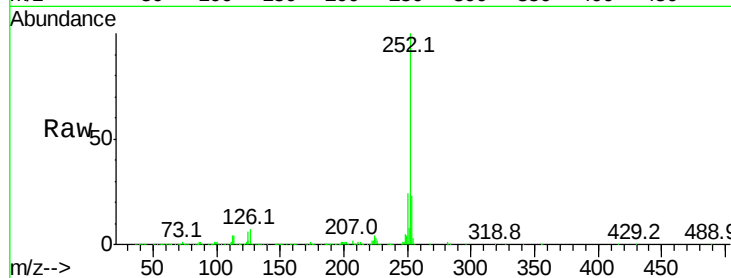
Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :
BNA_G
ClientSampleId :
EP-13MSD

Tot Ion:252 Resp: 718799

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	5.6	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 43.869 ng

RT: 24.41 min Scan# 3544

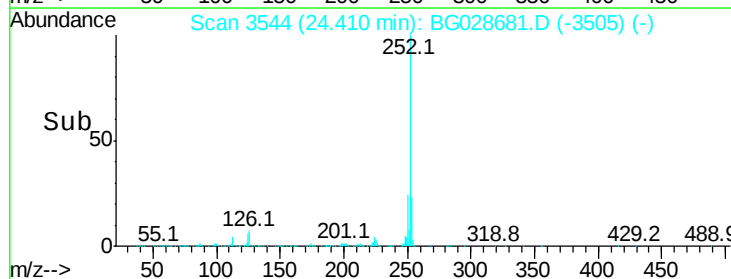
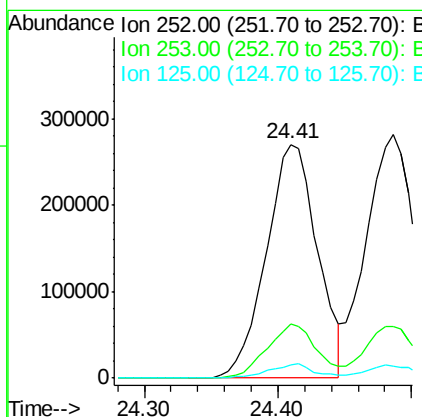
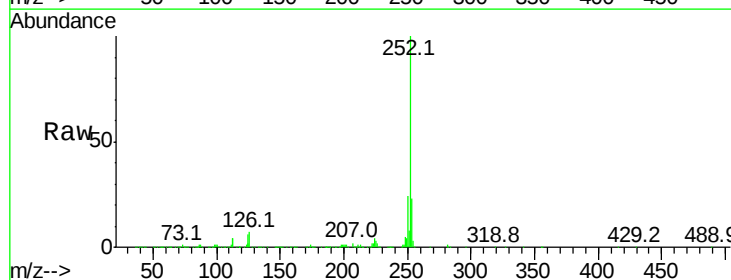
Delta R.T. -0.07 min

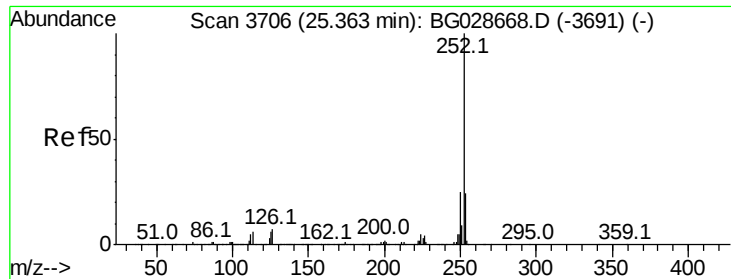
Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Tgt Ion:252 Resp: 718799

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	5.6	5.1	7.7





#89

Benzo(a)pyrene

Concen: 41.196 ng

RT: 25.36 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

Instrument :

BNA_G

ClientSampleId :

EP-13MSD

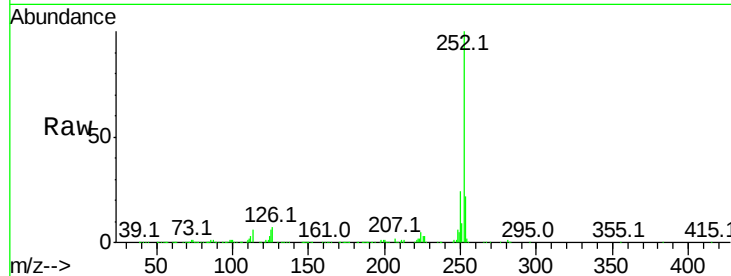
Tot Ion:252 Resp: 641433

Ion Ratio Lower Upper

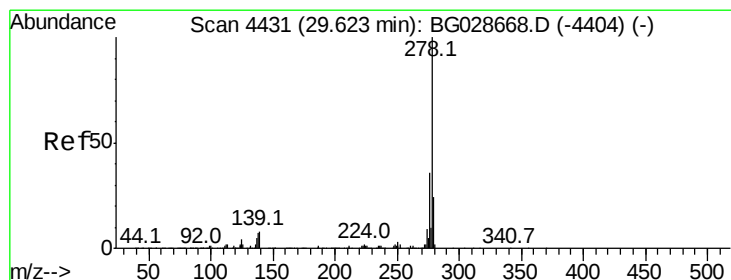
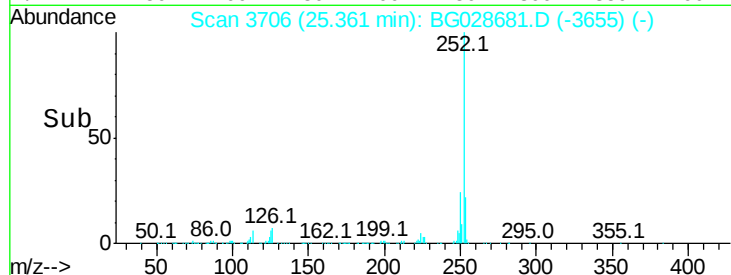
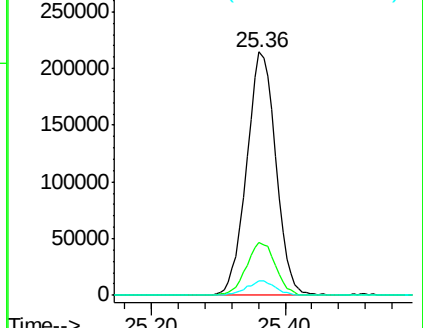
252 100

253 21.5 19.2 28.8

125 6.2 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: 43.939 ng

RT: 29.62 min Scan# 4431

Delta R.T. -0.00 min

Lab File: BG028681.D

Acq: 12 Sep 2017 22:29

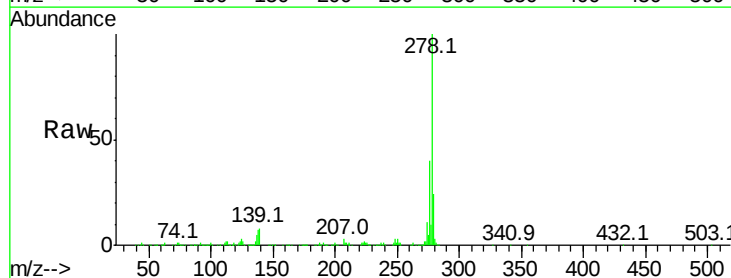
Tgt Ion:278 Resp: 713257

Ion Ratio Lower Upper

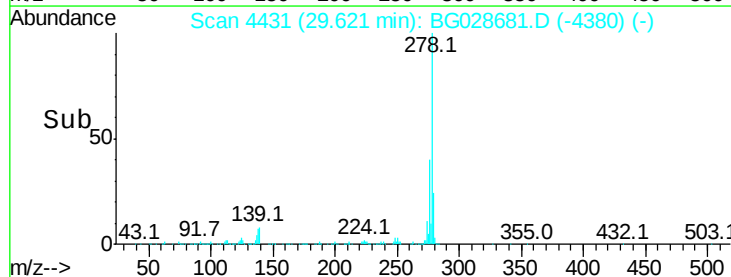
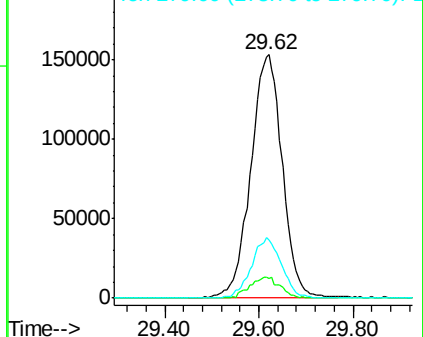
278 100

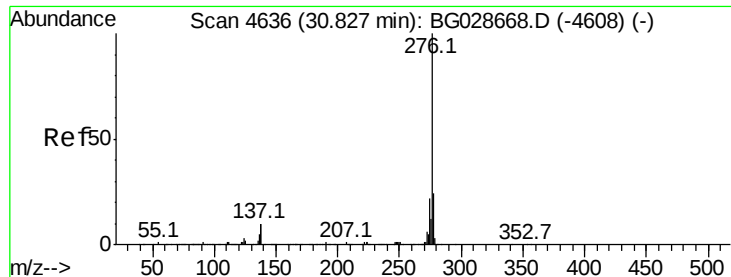
139 7.8 7.7 11.5

279 23.7 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(a,h,i)perylene
 Concen: 43.196 ng
 RT: 30.83 min Scan# 4636
 Delta R.T. -0.00 min
 Lab File: BG028681.D
 Acq: 12 Sep 2017 22:29

Instrument :
 BNA_G
 ClientSampleId :
 EP-13MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	27.8
138	10.3	8.1	12.1

