

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028367.D
 Acq On : 16 Aug 2017 6:36
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

Quant Time: Aug 16 09:09:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	45216	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	195369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	326775	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	349507	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	326750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	6159	6.34	ng/uL	0.00
5) Phenol-d5	7.51	99	82149	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	49598	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	59200	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	64879	15.63	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30136	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	35281	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	67846	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	80161	20.78	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	210999	17.64	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	260660	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	31189	16.40	ng/ul	0.00
57) Fluorene-d10	15.96	176	198531	18.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	38291	18.04	ng/ul	0.00
70) Anthracene-d10	17.71	188	326775	20.85	ng/ul	-0.10
76) Pyrene-d10	20.09	212	326383	18.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	294245	19.24	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.88	88	7946	7.791	ng/uL 91
4) Benzaldehyde	7.50	77	53335	18.585	ng/ul 86
6) Phenol	7.54	94	79177	16.043	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.76	93	55772	16.589	ng/ul 98
10) 2-Chlorophenol	7.92	128	55964	18.332	ng/ul 96
11) 2-Methylphenol	8.79	108	57942	16.633	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.88	45	118583	14.531	ng/ul 97
14) Acetophenone	9.18	105	94567	15.976	ng/ul# 90
15) N-Nitroso-di-n-propylamine	9.15	70	53323	15.850	ng/ul 88
16) 4-Methylphenol	9.12	108	62961	16.006	ng/ul 96
17) Hexachloroethane	9.45	117	23782	18.799	ng/ul 96
20) Nitrobenzene	9.57	77	80466	18.195	ng/ul 95
21) Isophorone	10.09	82	142140	16.918	ng/ul# 96
23) 2-Nitrophenol	10.28	139	34574	20.446	ng/ul 88
24) 2,4-Dimethylphenol	10.33	107	76258	18.144	ng/ul# 90
25) Bis(2-Chloroethoxy)methane	10.56	93	80469	17.583	ng/ul 94
27) 2,4-Dichlorophenol	10.83	162	60729	19.250	ng/ul 96
28) Naphthalene	11.23	128	182180	18.828	ng/ul 99
30) 4-Chloroaniline	11.34	127	72637	19.425	ng/ul 94
31) Hexachlorobutadiene	11.50	225	46850	20.119	ng/ul 96
32) Caprolactam	12.08	113	22478	17.134	ng/ul 84
33) 4-Chloro-3-methylphenol	12.44	107	74817	18.579	ng/ul 98
34) 2-Methylnaphthalene	12.81	142	142741	18.366	ng/ul 93

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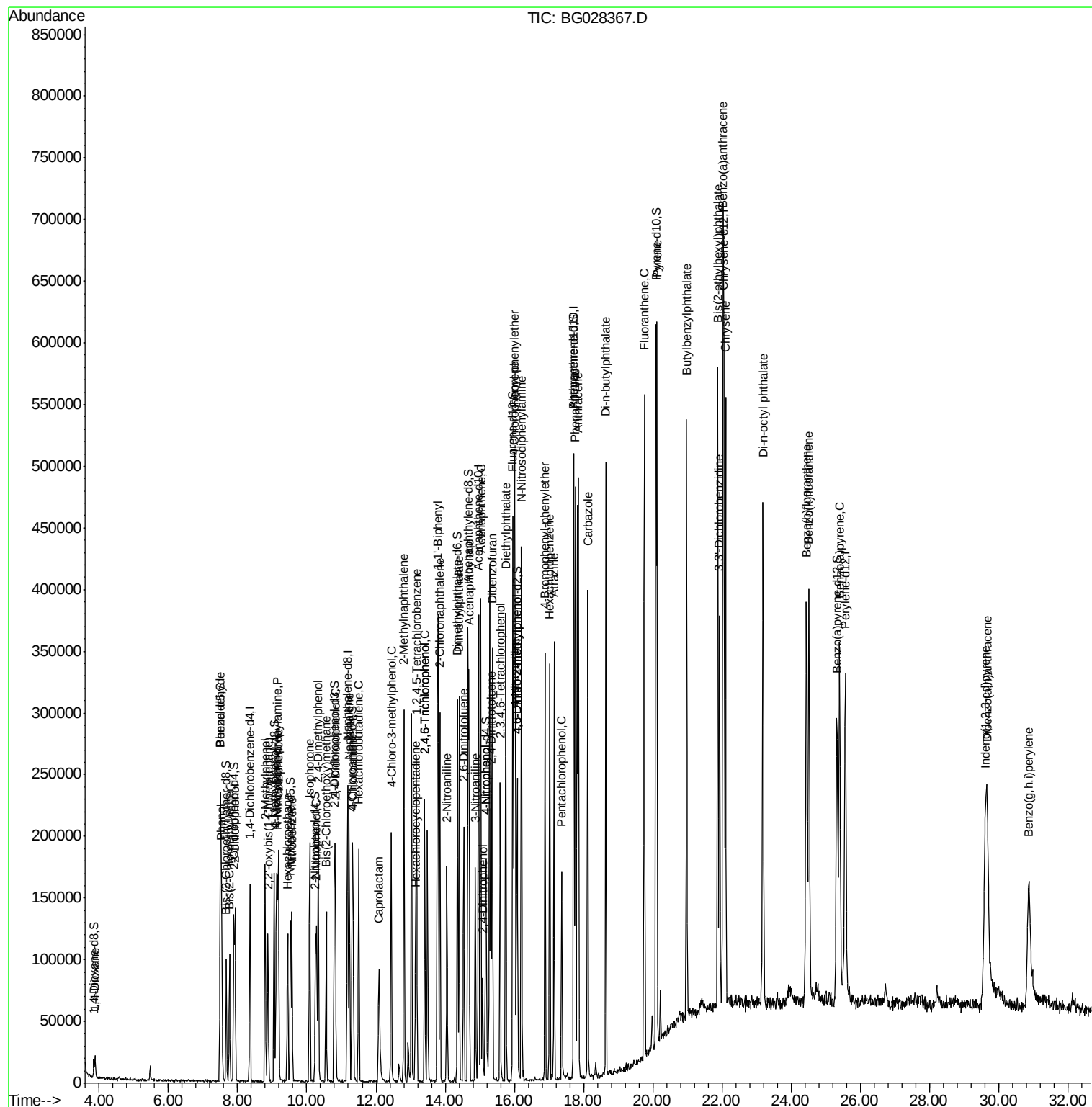
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	89635	20.678	ng/ul#	91
37) Hexachlorocyclopentadiene	13.14	237	32272	13.492	ng/ul	97
38) 2,4,6-Trichlorophenol	13.41	196	60335	22.332	ng/ul	94
39) 2,4,5-Trichlorophenol	13.41	196	60335	20.488	ng/ul	95
40) 1,1'-Biphenyl	13.80	154	188162	19.157	ng/ul	96
41) 2-Chloronaphthalene	13.85	162	148405	19.119	ng/ul	94
42) 2-Nitroaniline	14.05	65	57937	17.803	ng/ul	96
44) Dimethylphthalate	14.40	163	194115	17.625	ng/ul#	98
45) 2,6-Dinitrotoluene	14.53	165	43374	19.074	ng/ul	91
47) Acenaphthylene	14.69	152	245971	19.085	ng/ul	99
48) 3-Nitroaniline	14.87	138	38714	18.907	ng/ul#	89
49) Acenaphthene	15.03	153	162605	18.699	ng/ul	98
50) 2,4-Dinitrophenol	15.09	184	20713	16.167	ng/ul#	68
52) 4-Nitrophenol	15.18	109	29285	14.861	ng/ul#	84
53) Dibenzofuran	15.36	168	233428	18.411	ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	64606	18.747	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.59	232	53049	19.342	ng/ul	95
56) Diethylphthalate	15.75	149	214927	16.635	ng/ul	98
58) Fluorene	16.01	166	200285	17.843	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.99	204	111195	18.464	ng/ul#	85
60) 4-Nitroaniline	16.03	138	41450	17.063	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.09	198	38063	17.683	ng/ul#	95
64) N-Nitrosodiphenylamine	16.21	169	172576	20.074	ng/ul	93
65) 4-Bromophenyl-phenylether	16.89	248	71717	20.420	ng/ul	96
66) Hexachlorobenzene	17.02	284	75607	20.222	ng/ul	96
67) Atrazine	17.15	200	70990	18.940	ng/ul	97
68) Pentachlorophenol	17.37	266	32952	17.400	ng/ul	93
69) Phenanthrene	17.76	178	307887	18.722	ng/ul	99
71) Anthracene	17.85	178	322204	19.170	ng/ul	98
72) Carbazole	18.12	167	269798	18.457	ng/ul	99
73) Di-n-butylphthalate	18.64	149	337957	18.573	ng/ul#	97
74) Fluoranthene	19.76	202	365344	18.280	ng/ul	99
77) Pyrene	20.11	202	385015	18.464	ng/ul	98
78) Butylbenzylphthalate	20.98	149	151345	19.374	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.93	252	137144	20.338	ng/ul	94
80) Benzo(a)anthracene	22.02	228	388363	19.231	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	209639	18.870	ng/ul	98
82) Chrysene	22.10	228	346784	19.067	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	366492	18.716	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	371437	18.996	ng/ul#	99
86) Benzo(k)fluoranthene	24.51	252	370104	19.378	ng/ul	98
88) Benzo(a)pyrene	25.40	252	364250	19.240	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.60	276	395885	17.857	ng/ul	98
90) Dibenzo(a,h)anthracene	29.66	278	338953	18.241	ng/ul	96
91) Benzo(g,h,i)perylene	30.87	276	287114	15.742	ng/ul	97

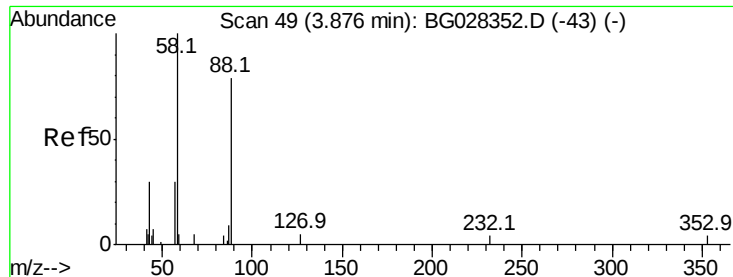
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.791 ng/uL

RT: 3.88 min Scan# 50

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

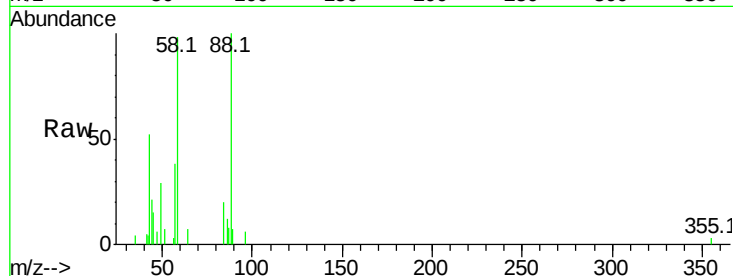
Tot Ion: 88 Resp: 7946

Ion Ratio Lower Upper

88 100

43 51.6 39.2 58.8

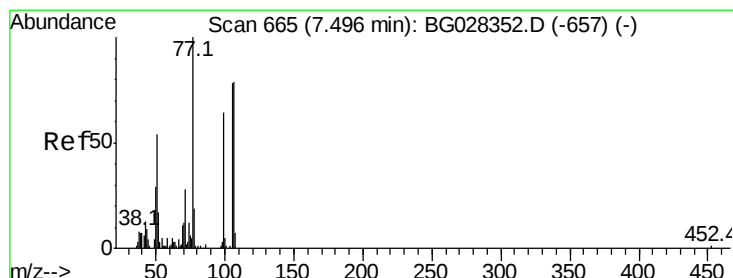
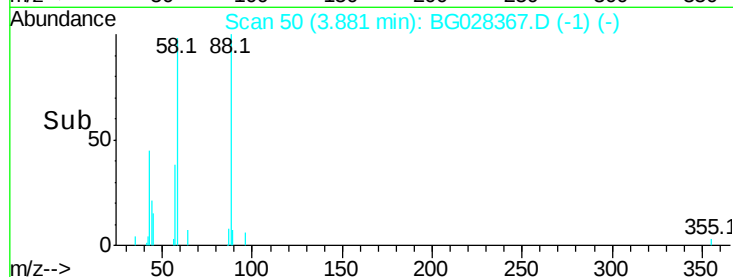
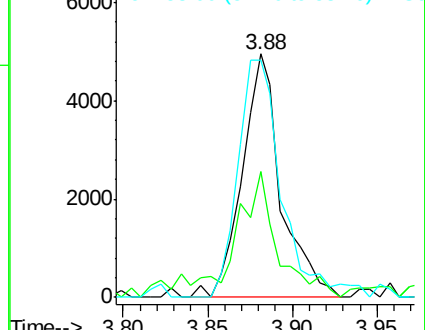
58 97.7 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 18.585 ng/uL

RT: 7.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

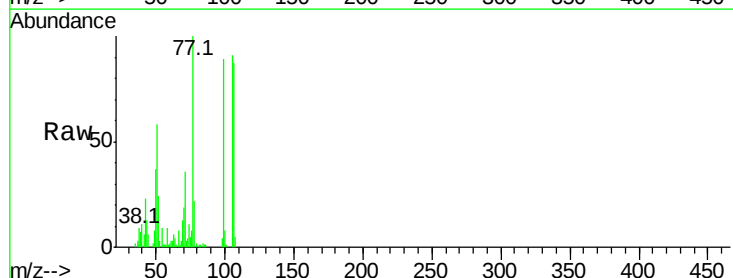
Tgt Ion: 77 Resp: 53335

Ion Ratio Lower Upper

77 100

105 90.6 62.0 93.0

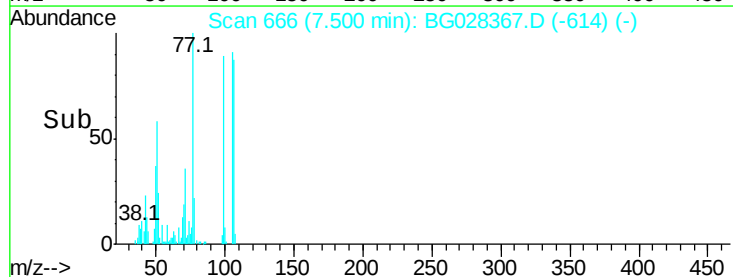
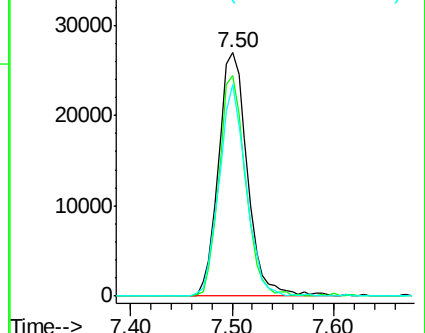
106 86.7 60.2 90.4

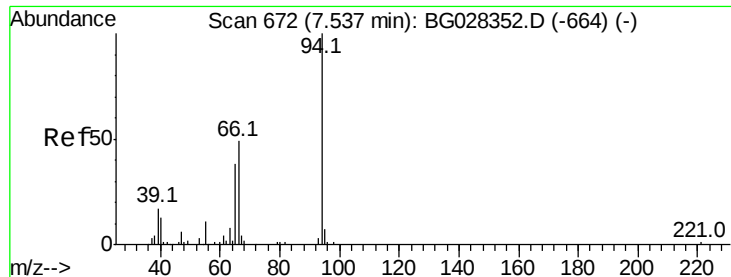


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 16.043 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

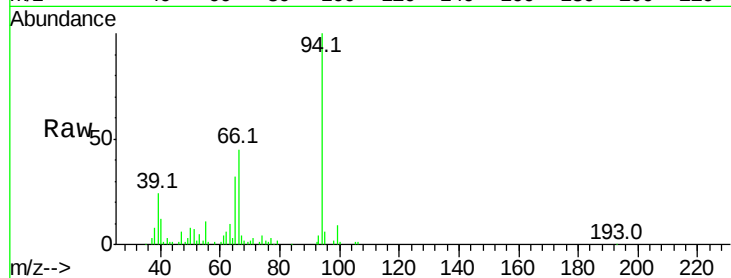
Tot Ion: 94 Resp: 79177

Ion Ratio Lower Upper

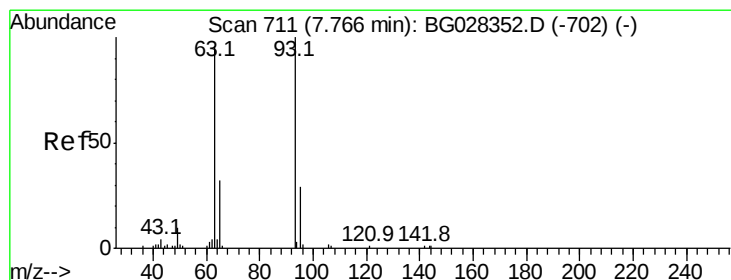
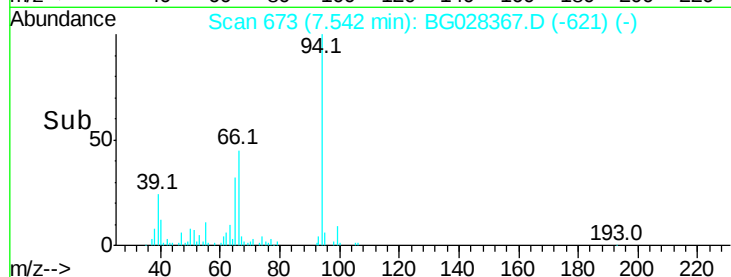
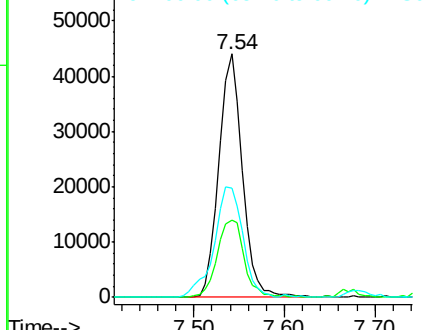
94 100

65 31.8 26.8 40.2

66 44.9 44.4 66.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 16.589 ng/ul

RT: 7.76 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

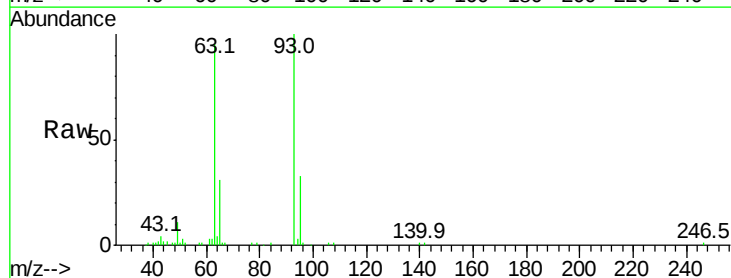
Tgt Ion: 93 Resp: 55772

Ion Ratio Lower Upper

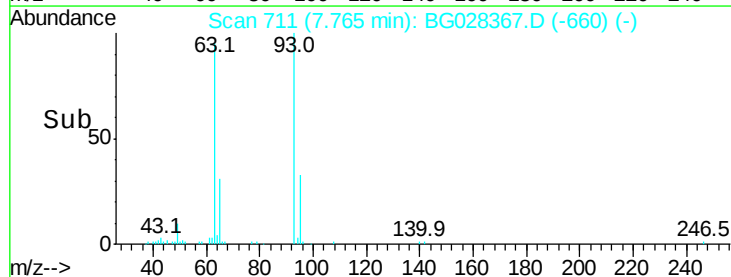
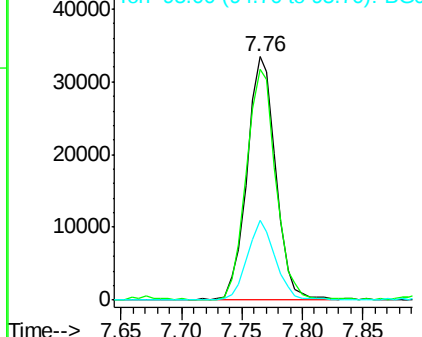
93 100

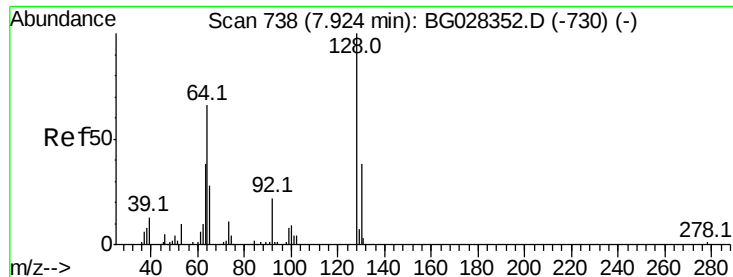
63 94.7 75.5 113.3

95 32.6 29.2 43.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

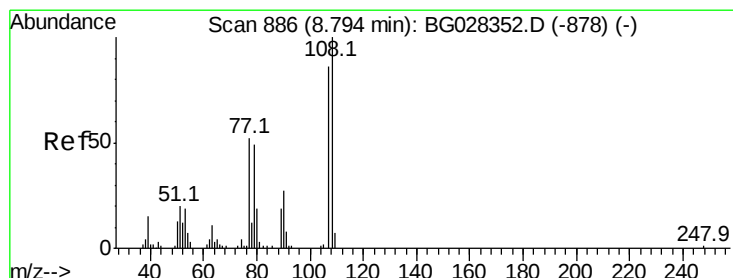
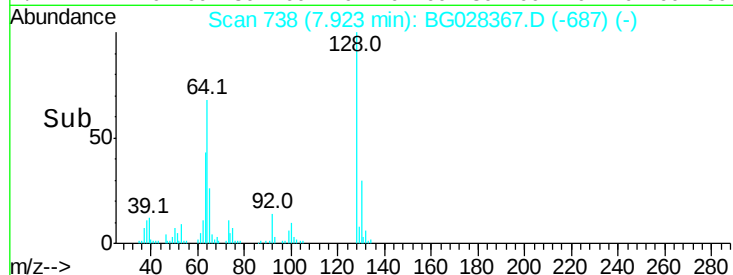
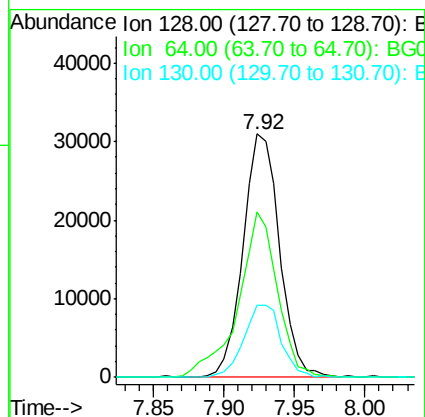
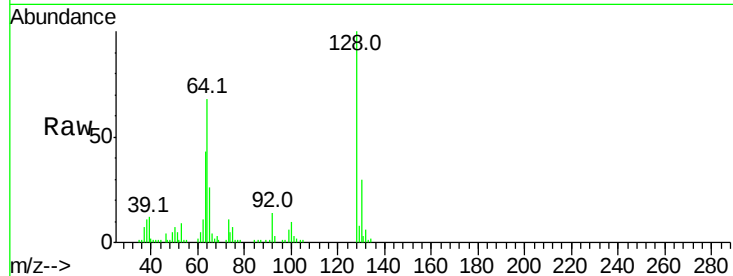




#10
2-Chlorophenol
Concen: 18.332 ng/ul
RT: 7.92 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

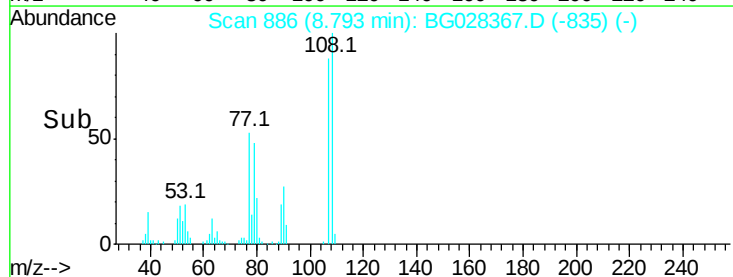
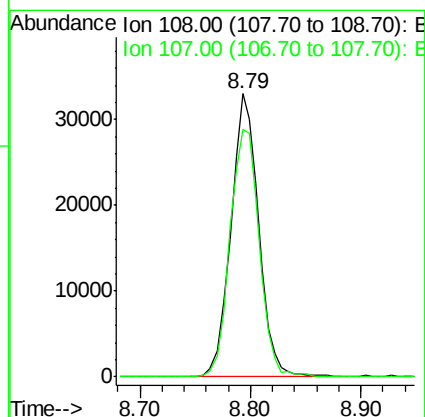
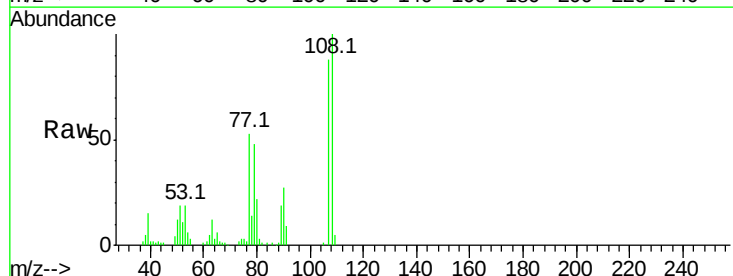
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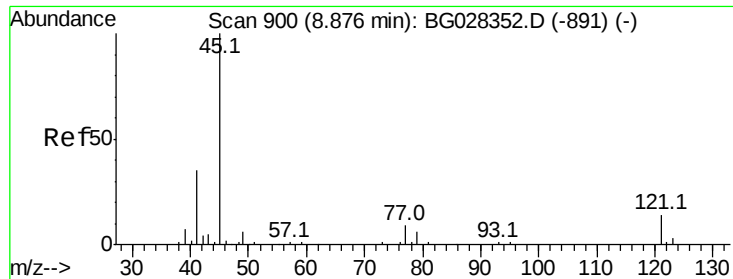
Tot Ion:128 Resp: 55964
Ion Ratio Lower Upper
128 100
64 68.0 56.3 84.5
130 29.6 26.7 40.1



#11
2-Methylphenol
Concen: 16.633 ng/ul
RT: 8.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion:108 Resp: 57942
Ion Ratio Lower Upper
108 100
107 87.5 76.7 115.1

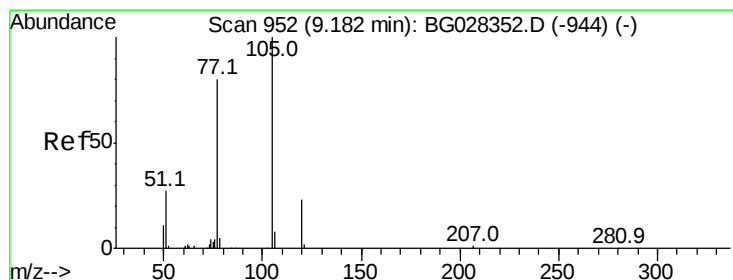
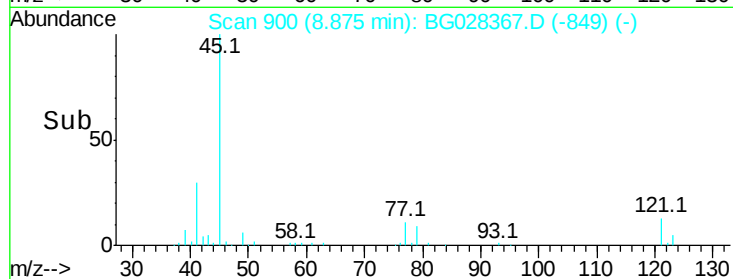
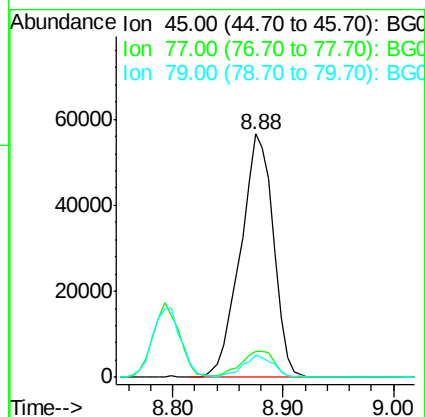
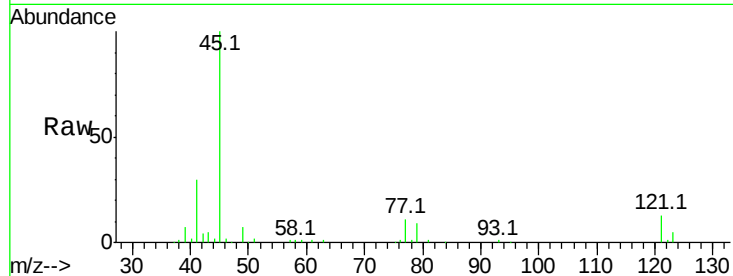




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 14.531 ng/ul
RT: 8.88 min Scan# 900
Delta R.T. -0.00 min
Lab File: BG028367.D
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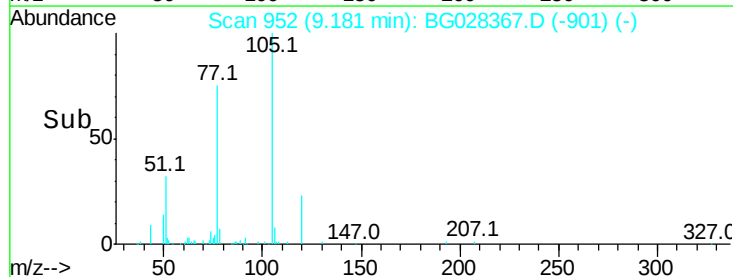
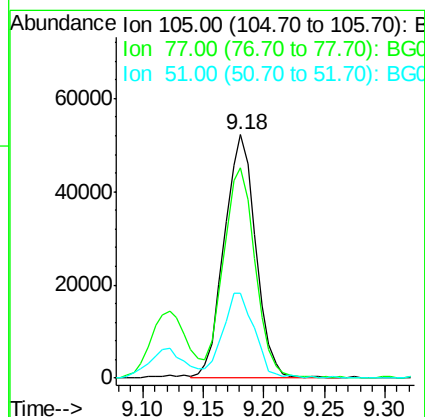
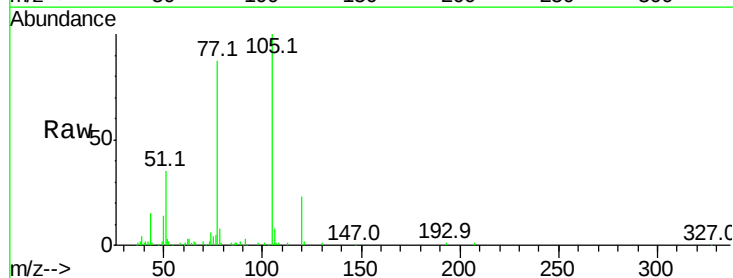
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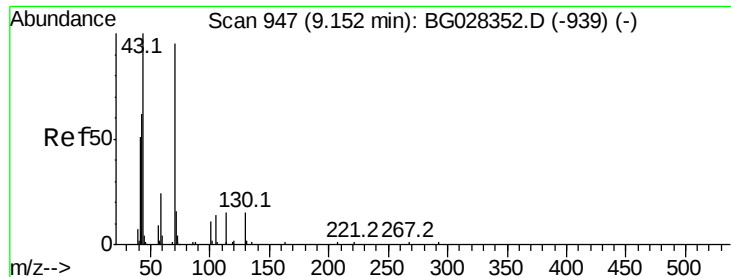
Tot Ion: 45 Resp: 118583
Ion Ratio Lower Upper
45 100
77 10.5 10.0 15.0
79 8.9 7.3 10.9



#14
Acetophenone
Concen: 15.976 ng/ul
RT: 9.18 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion: 105 Resp: 94567
Ion Ratio Lower Upper
105 100
77 86.5 76.0 114.0
51 34.8 34.8 52.2#





#15

N-Nitroso-di-n-propylamine

Concen: 15.850 ng/ul

RT: 9.15 min Scan# 947

Delta R.T. -0.00 min

Lab File: BG028367.D

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Instrument :

BNA_G

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Tot Ion: 70 Resp: 53323

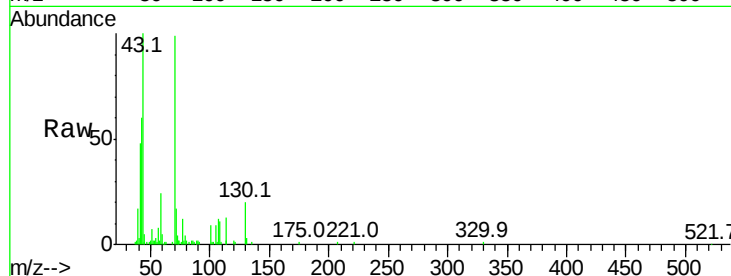
Ion Ratio Lower Upper

70 100

42 60.4 59.0 88.6

101 9.0 6.6 9.8

130 20.1 15.6 23.4

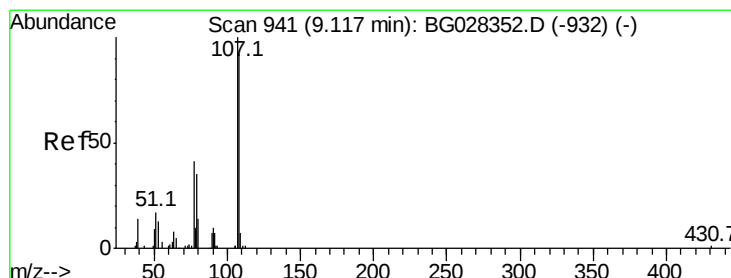
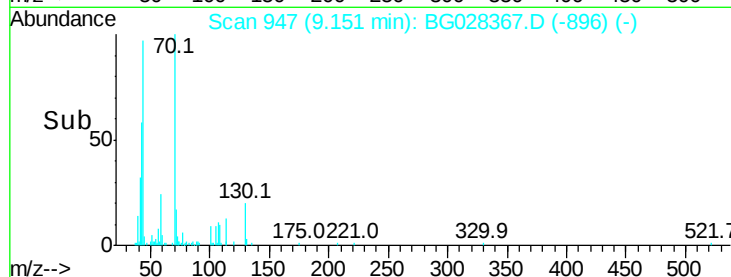
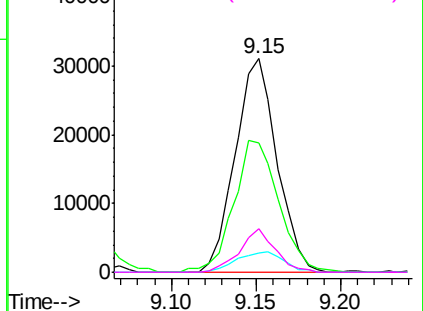


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 16.006 ng/ul

RT: 9.12 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG028367.D

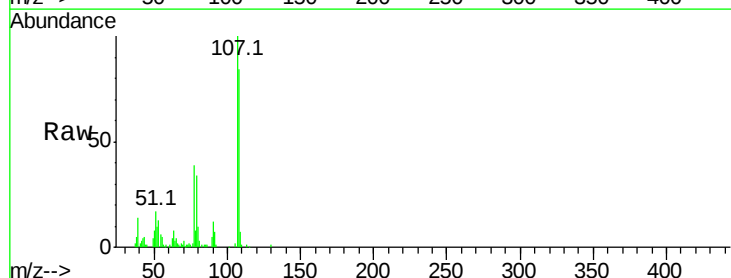
Acq: 16 Aug 2017 6:36

Tgt Ion: 108 Resp: 62961

Ion Ratio Lower Upper

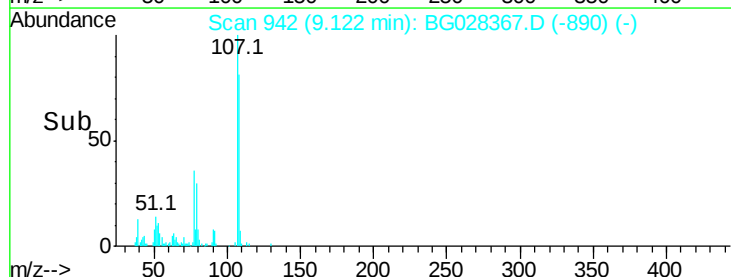
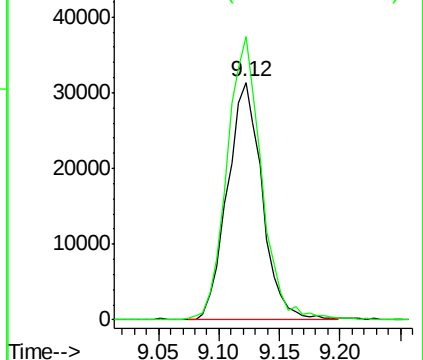
108 100

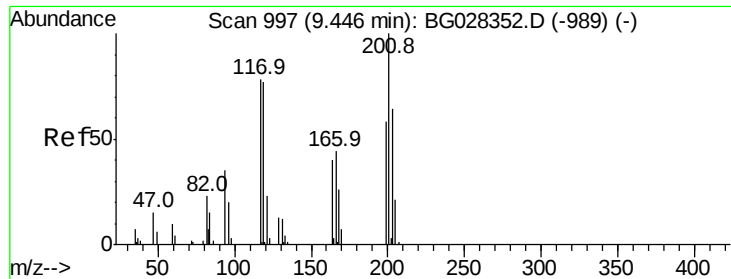
107 119.0 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

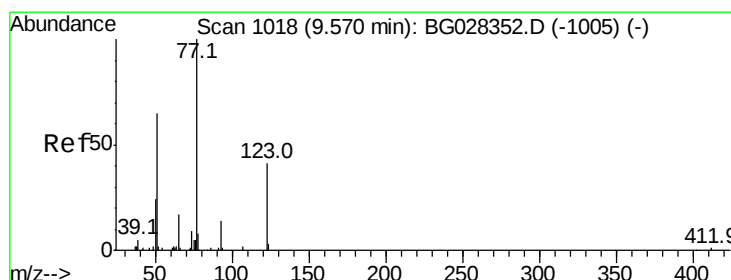
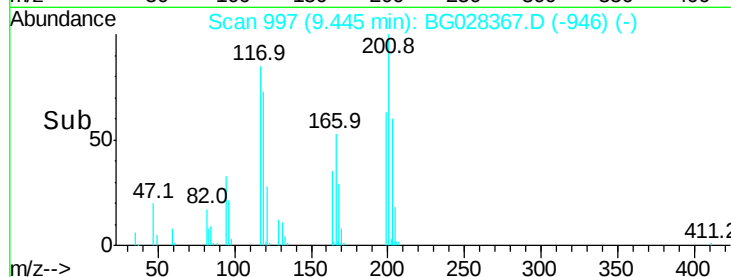
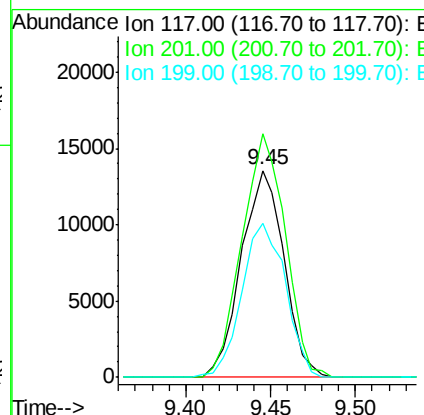
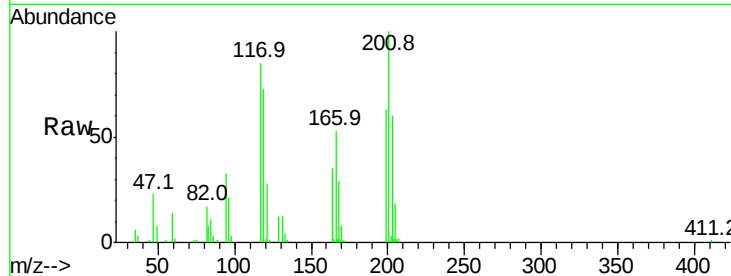




#17
Hexachloroethane
Concen: 18.799 ng/ul
RT: 9.45 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

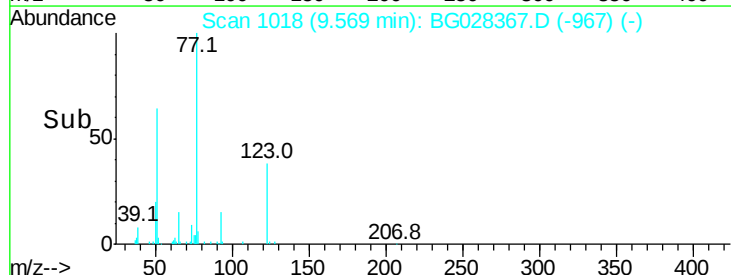
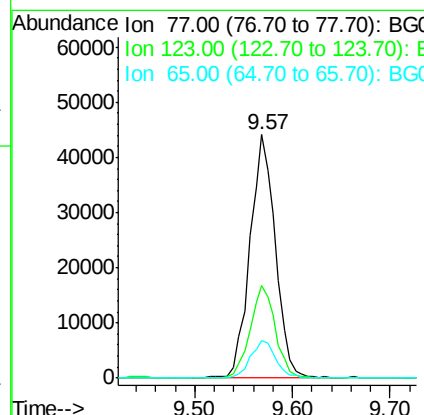
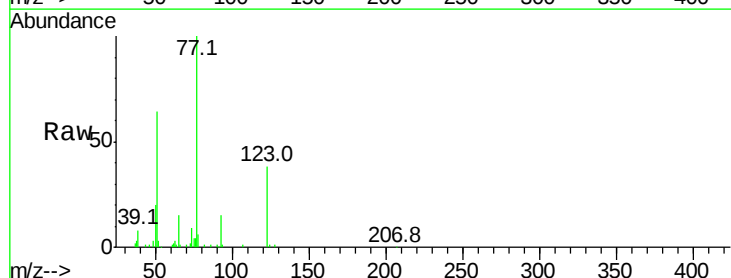
Instrument :
BNA_G
ClientSampleId :
SSTD02072

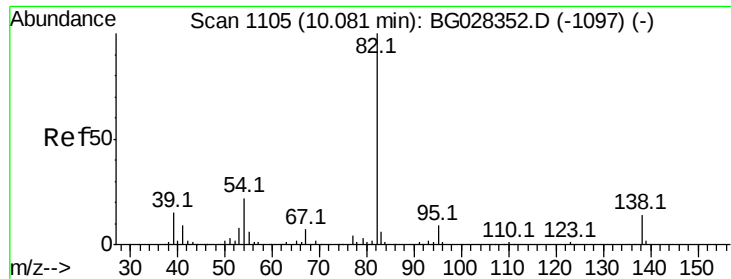
Tot Ion:117 Resp: 23782
Ion Ratio Lower Upper
117 100
201 117.9 91.9 137.9
199 74.6 64.3 96.5



#20
Nitrobenzene
Concen: 18.195 ng/ul
RT: 9.57 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion: 77 Resp: 80466
Ion Ratio Lower Upper
77 100
123 38.0 27.4 41.0
65 15.3 13.3 19.9





#21

Isophorone

Concen: 16.918 ng/ul

RT: 10.09 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

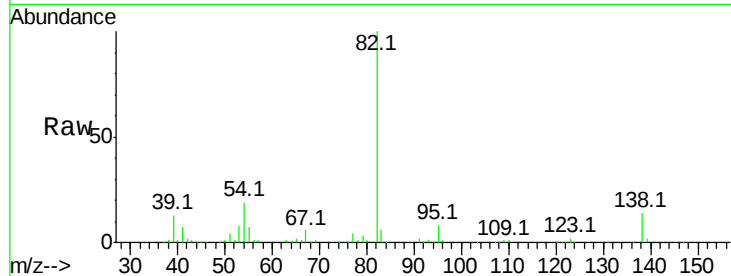
Tot Ion: 82 Resp: 142140

Ion Ratio Lower Upper

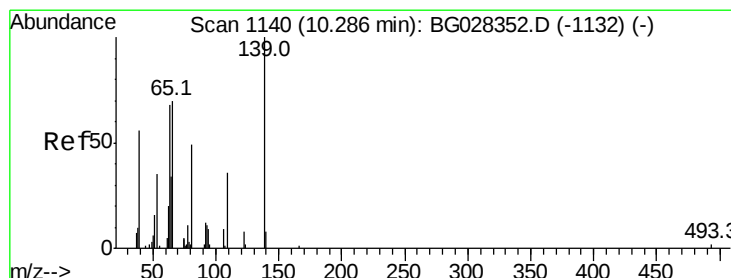
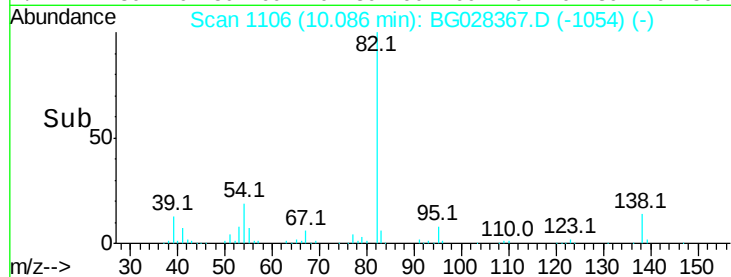
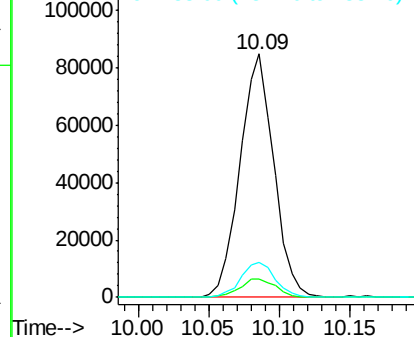
82 100

95 7.7 7.8 11.6#

138 14.2 12.2 18.2



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



#23

2-Nitrophenol

Concen: 20.446 ng/ul

RT: 10.28 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

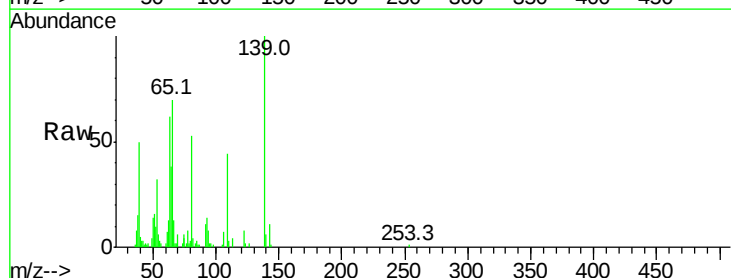
Tgt Ion:139 Resp: 34574

Ion Ratio Lower Upper

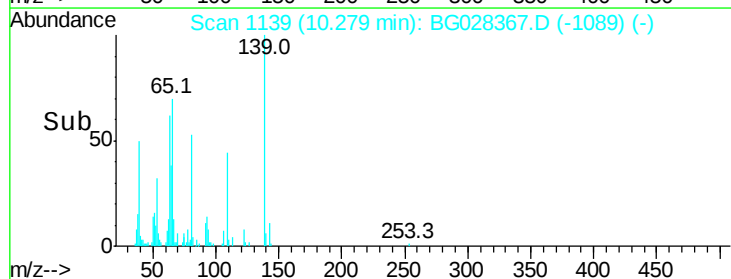
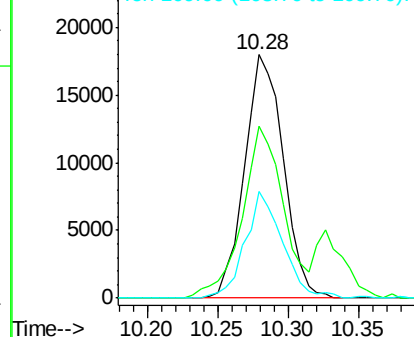
139 100

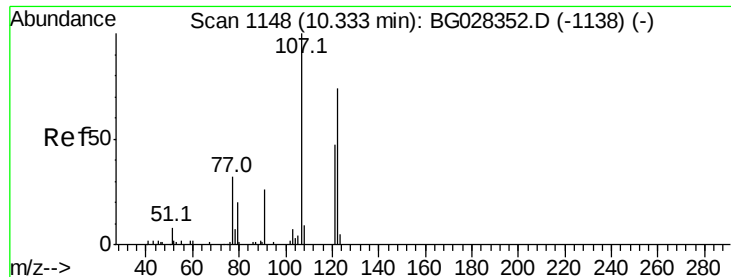
65 70.5 67.0 100.6

109 43.6 39.6 59.4



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





#24

2,4-Dimethylphenol

Concen: 18.144 ng/ul

RT: 10.33 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

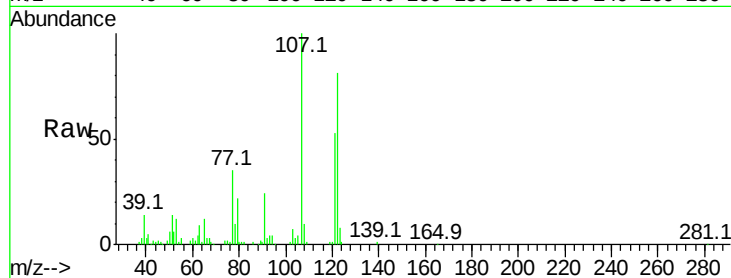
Tot Ion:107 Resp: 76258

Ion Ratio Lower Upper

107 100

121 52.6 32.3 48.5#

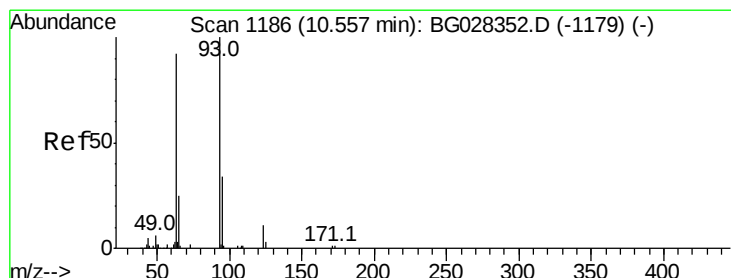
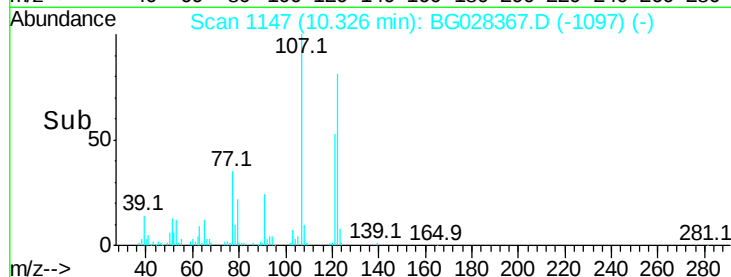
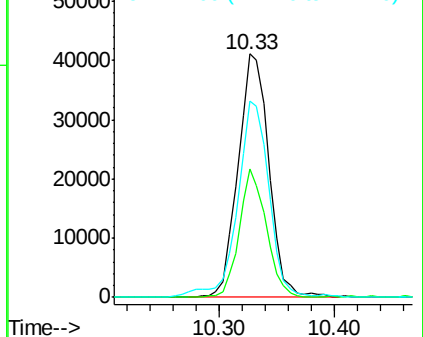
122 80.6 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 17.583 ng/ul

RT: 10.56 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

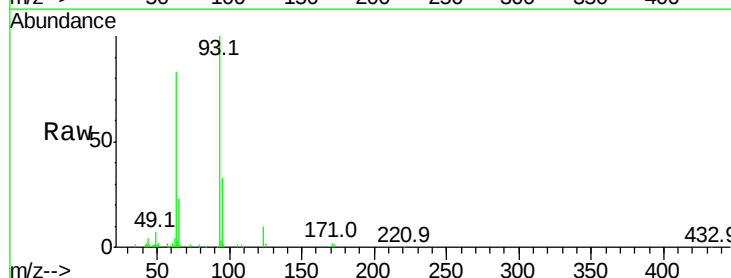
Tgt Ion: 93 Resp: 80469

Ion Ratio Lower Upper

93 100

95 33.4 23.4 35.0

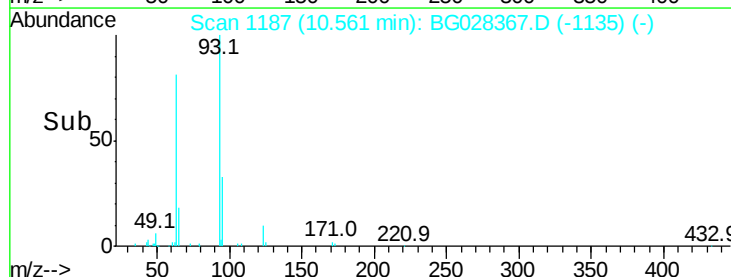
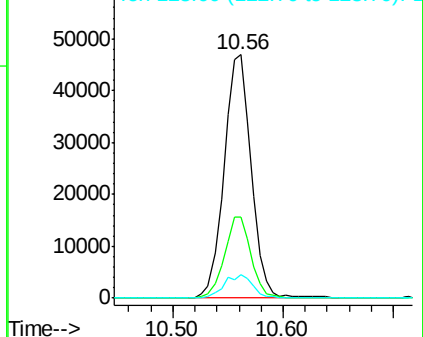
123 9.8 7.8 11.6

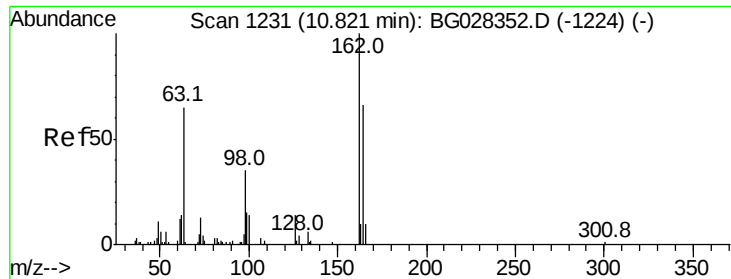


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

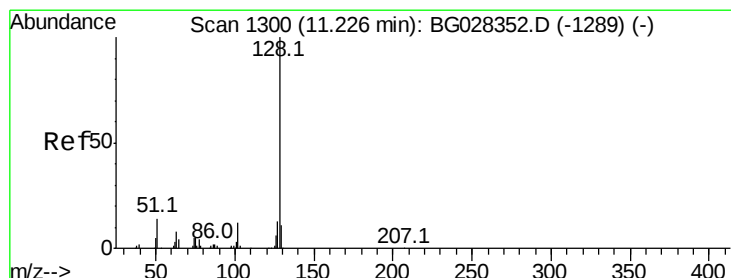
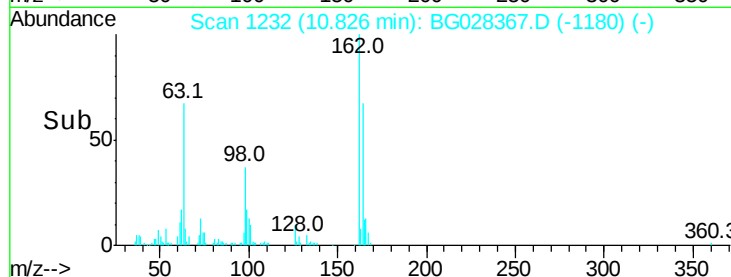
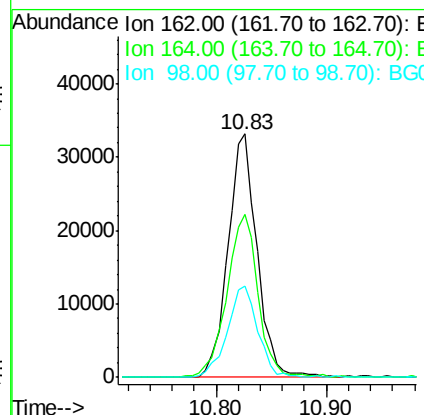
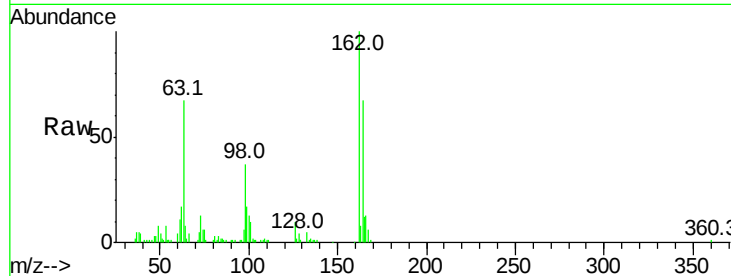




#27
2,4-Dichlorophenol
Concen: 19.250 ng/ul
RT: 10.83 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

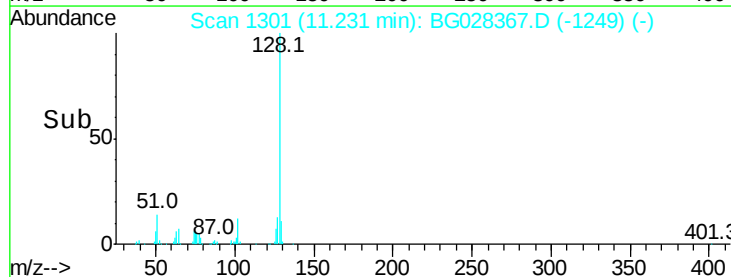
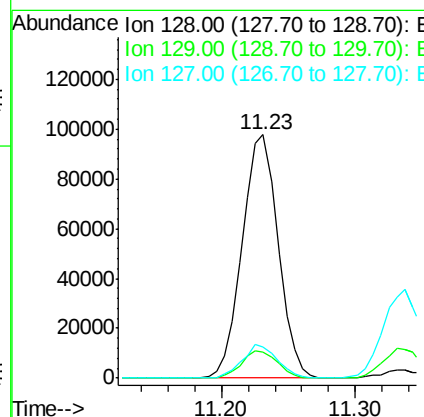
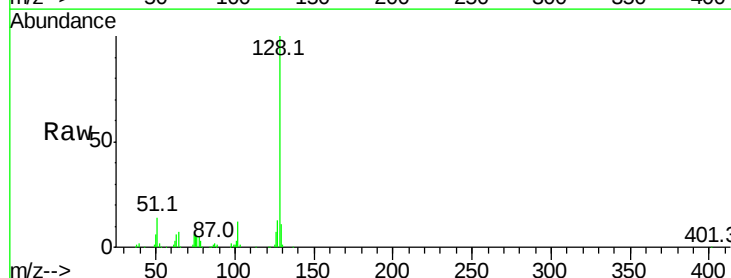
Instrument :
BNA_G
ClientSampleId :
SSTD02072

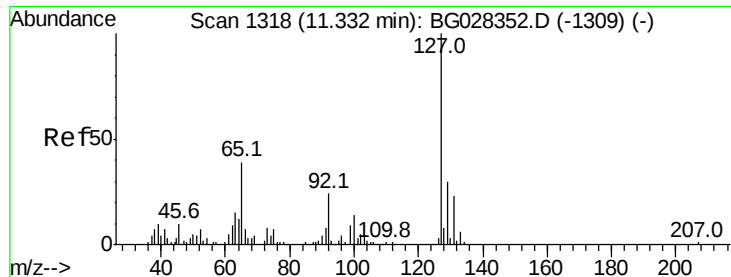
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	50.8	76.2
98	37.4	32.1	48.1



#28
Naphthalene
Concen: 18.828 ng/ul
RT: 11.23 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	12.8	10.3	15.5

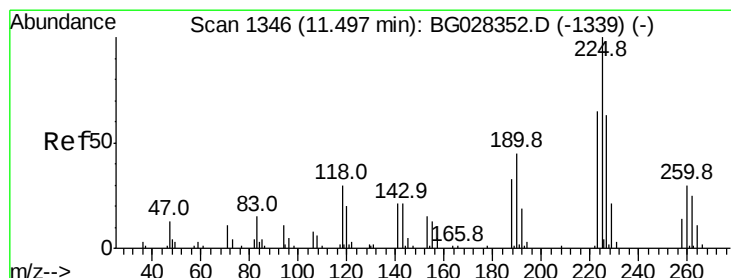
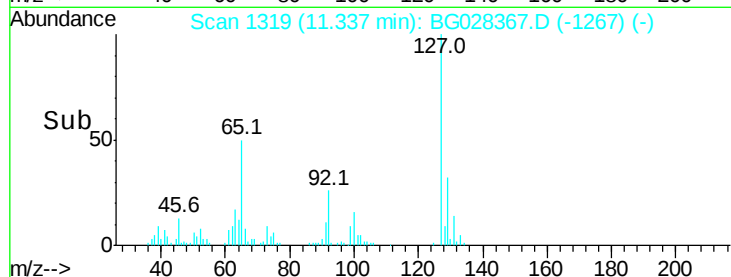
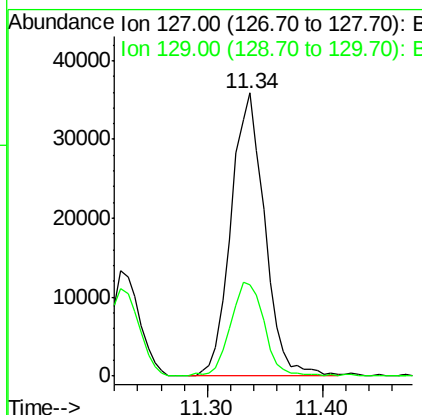
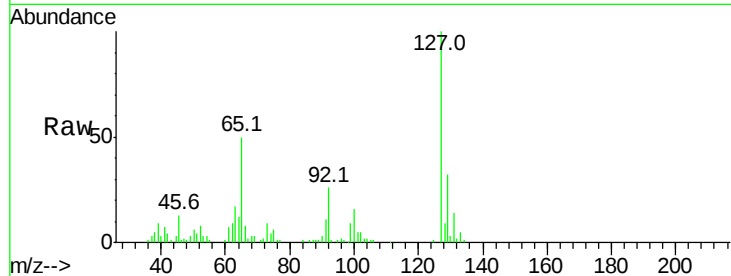




#30
4-Chloroaniline
Concen: 19.425 ng/ul
RT: 11.34 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

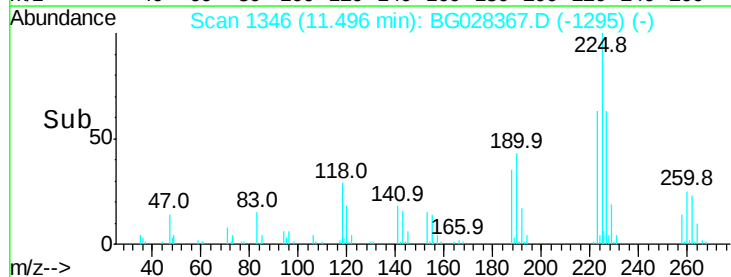
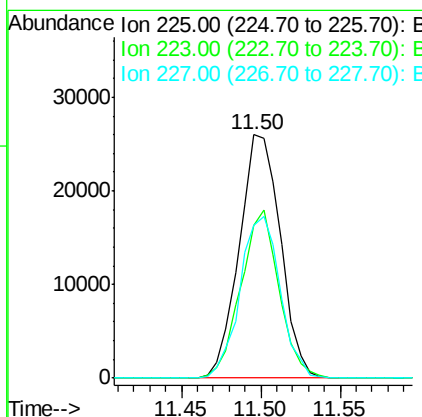
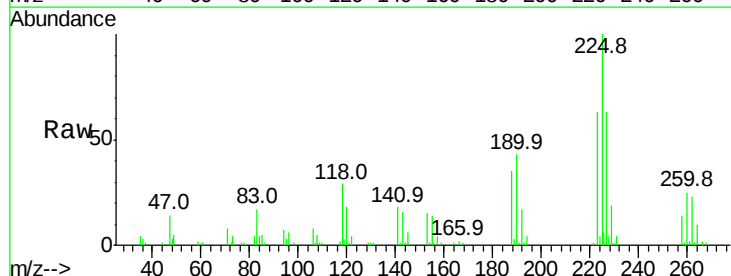
Instrument :
BNA_G
ClientSampleId :
SSTD02072

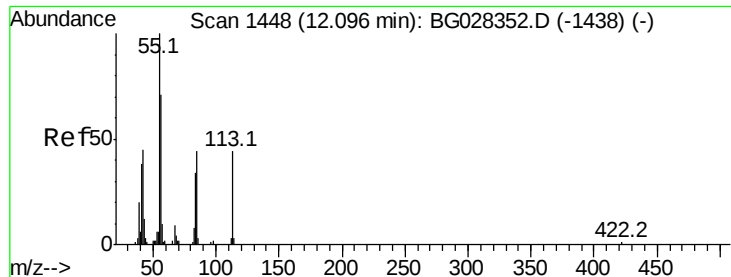
Tot Ion:127 Resp: 72637
Ion Ratio Lower Upper
127 100
129 32.3 28.9 43.3



#31
Hexachlorobutadiene
Concen: 20.119 ng/ul
RT: 11.50 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion:225 Resp: 46850
Ion Ratio Lower Upper
225 100
223 59.3 45.9 68.9
227 59.4 44.7 67.1





#32

Caprolactam

Concen: 17.134 ng/ul

RT: 12.08 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

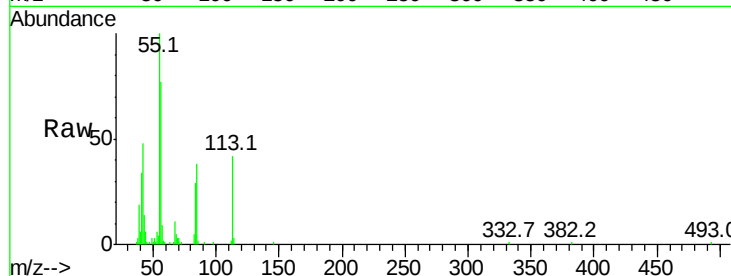
Tot Ion:113 Resp: 22478

Ion Ratio Lower Upper

113 100

55 236.7 168.6 252.8

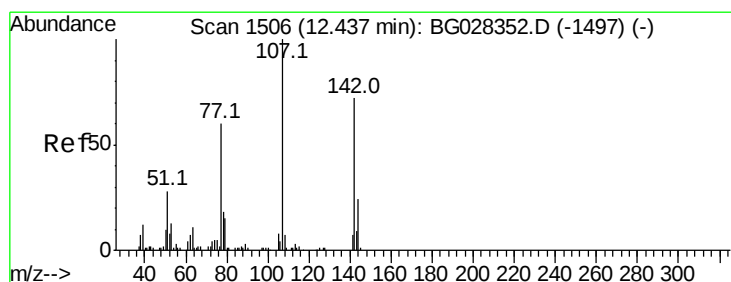
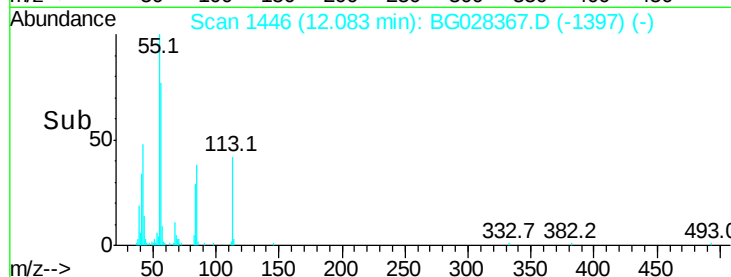
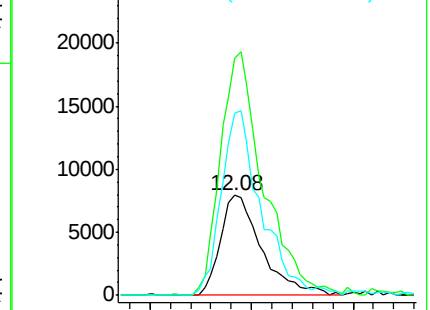
56 182.2 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 18.579 ng/ul

RT: 12.44 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

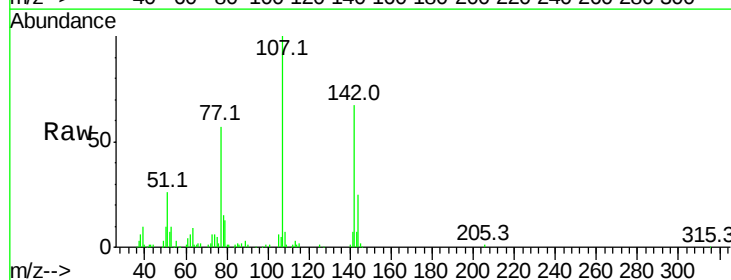
Tgt Ion:107 Resp: 74817

Ion Ratio Lower Upper

107 100

144 24.9 18.2 27.4

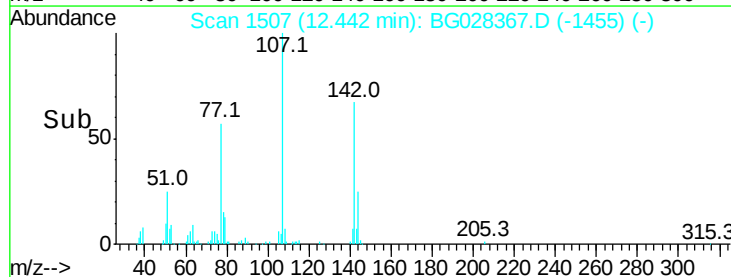
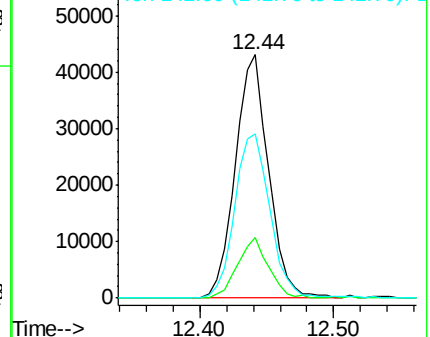
142 67.2 55.0 82.4

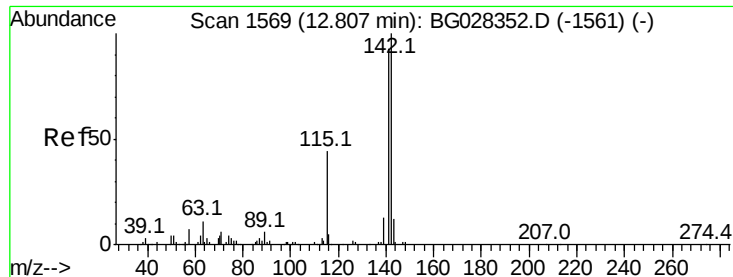


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

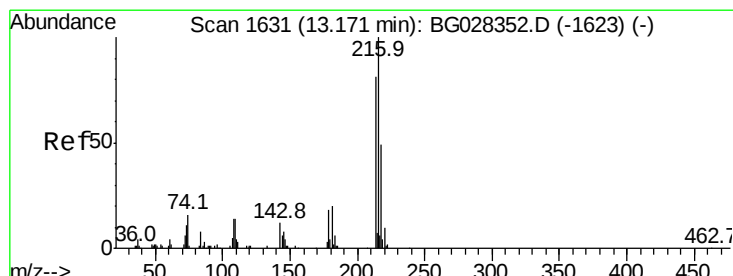
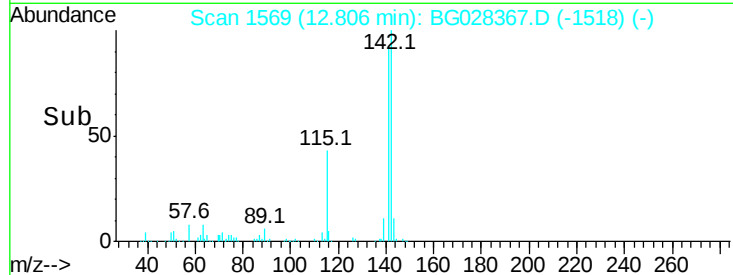
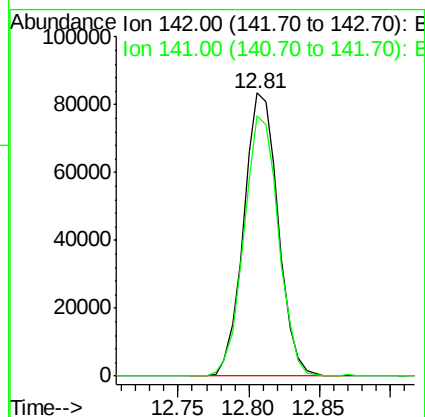
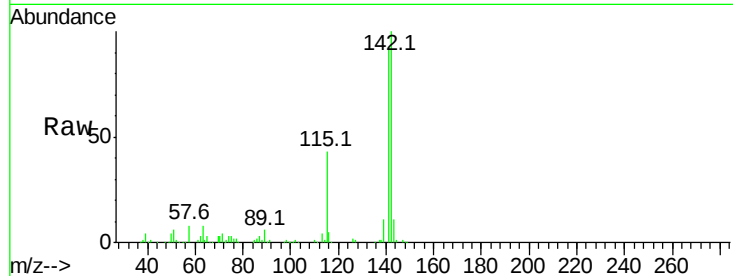




#34
 2-Methylnaphthalene
 Concen: 18.366 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

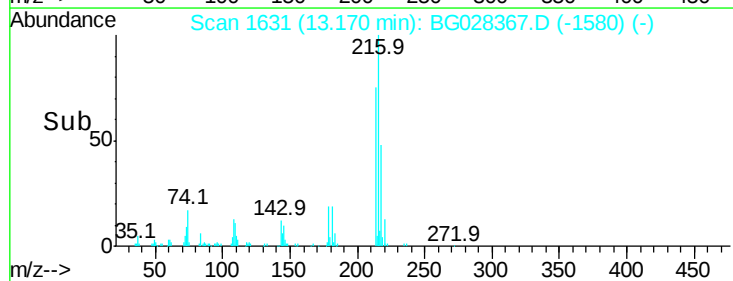
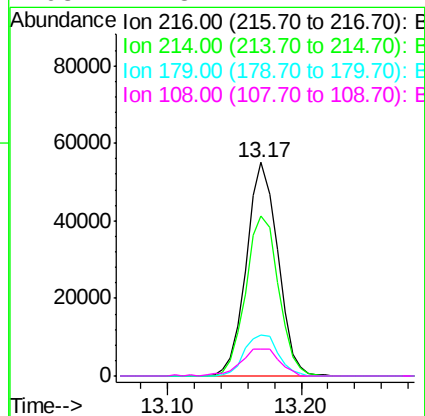
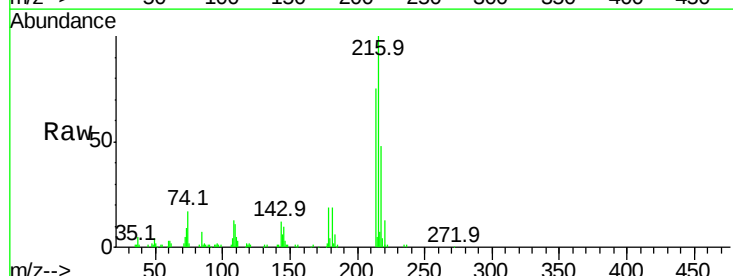
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

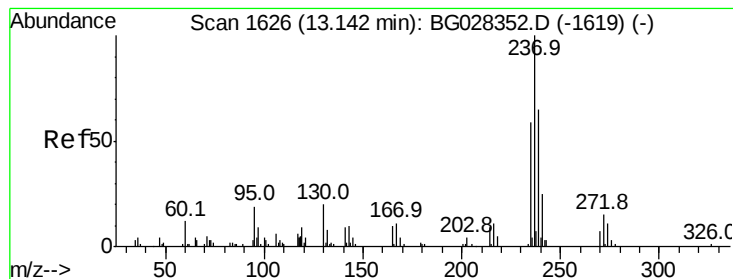
Tot Ion:142 Resp: 142741
 Ion Ratio Lower Upper
 142 100
 141 91.9 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.678 ng/ul
 RT: 13.17 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

Tgt Ion:216 Resp: 89635
 Ion Ratio Lower Upper
 216 100
 214 74.8 67.0 100.6
 179 19.4 18.1 27.1
 108 12.8 14.1 21.1#





#37

Hexachlorocyclopentadiene

Concen: 13.492 ng/ul

RT: 13.14 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

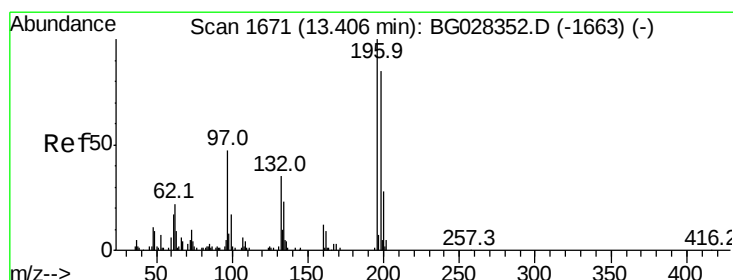
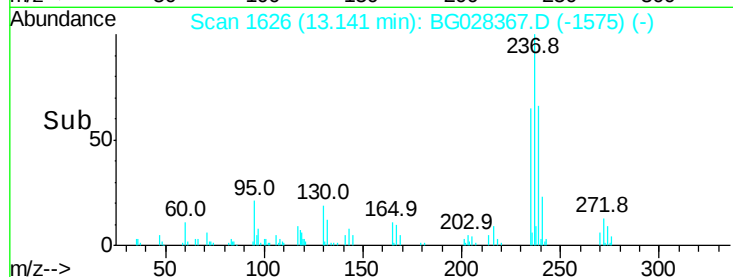
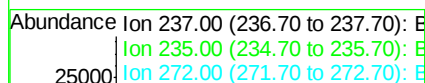
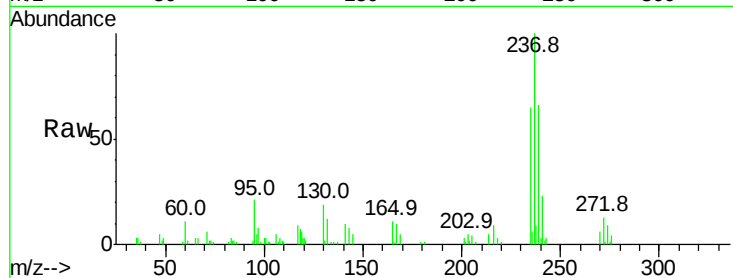
Tot Ion:237 Resp: 32272

Ion	Ratio	Lower	Upper
237	100		
235	65.2	50.2	75.4
272	14.5	10.6	16.0

237 100

235 65.2 50.2 75.4

272 14.5 10.6 16.0



#38

2,4,6-Trichlorophenol

Concen: 22.332 ng/ul

RT: 13.41 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

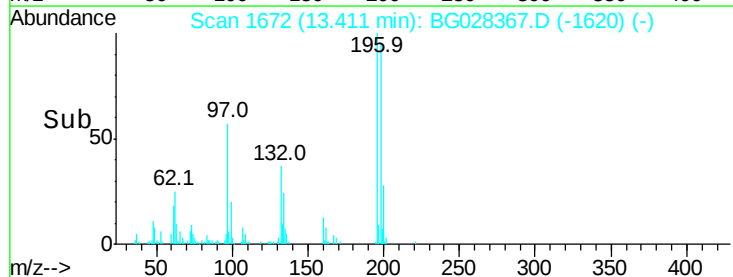
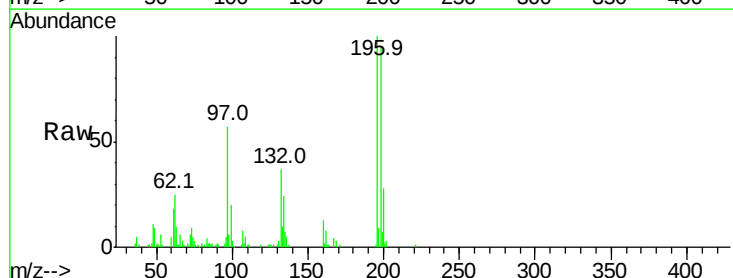
Tgt Ion:196 Resp: 60335

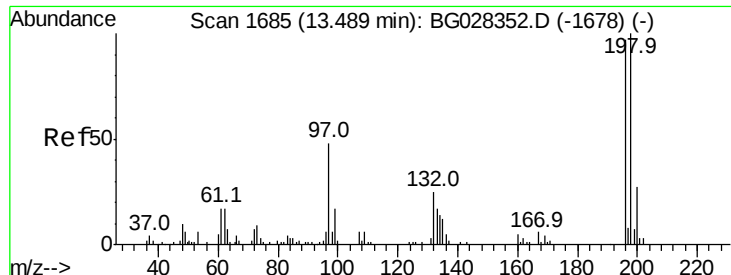
Ion	Ratio	Lower	Upper
196	100		
198	94.9	71.4	107.2
200	28.4	24.6	37.0

196 100

198 94.9 71.4 107.2

200 28.4 24.6 37.0

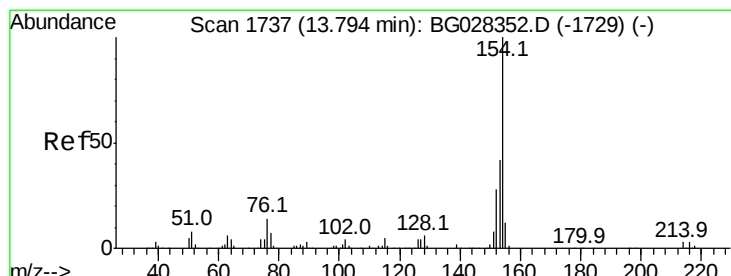
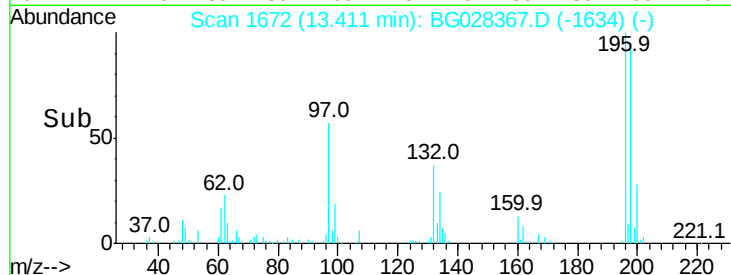
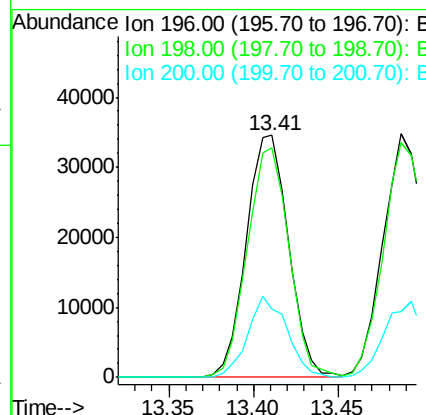
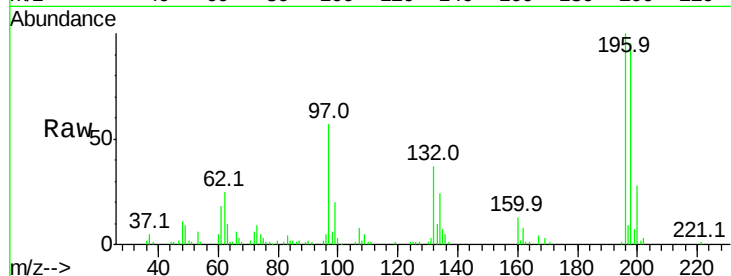




#39
 2,4,5-Trichlorophenol
 Concen: 20.488 ng/ul
 RT: 13.41 min Scan# 1672
 Delta R.T. -0.08 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

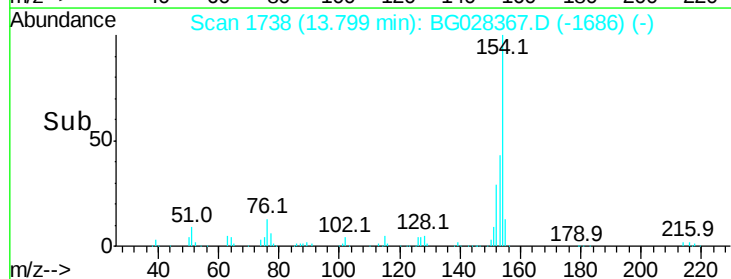
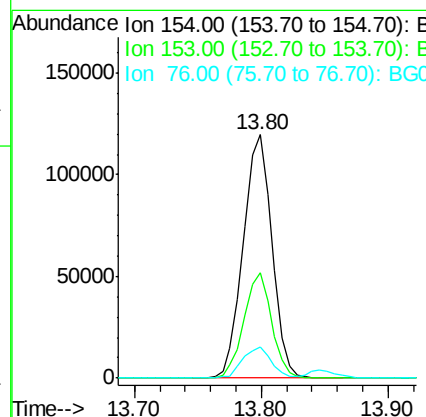
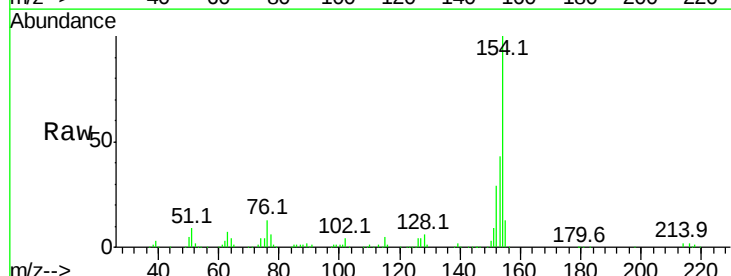
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

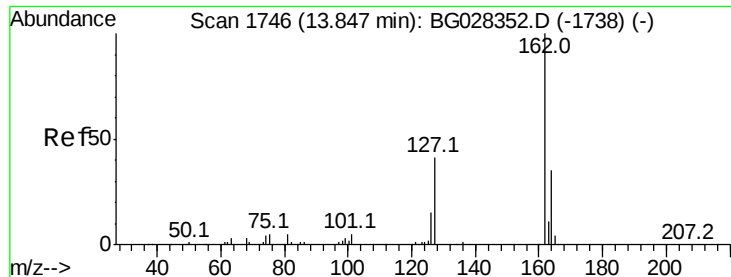
Tot Ion:196 Resp: 60335
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.6 118.0
 200 28.4 27.3 40.9



#40
 1,1'-Biphenyl
 Concen: 19.157 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

Tgt Ion:154 Resp: 188162
 Ion Ratio Lower Upper
 154 100
 153 43.1 32.2 48.2
 76 12.7 9.6 14.4

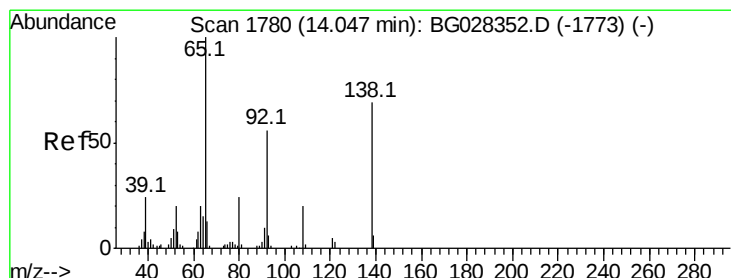
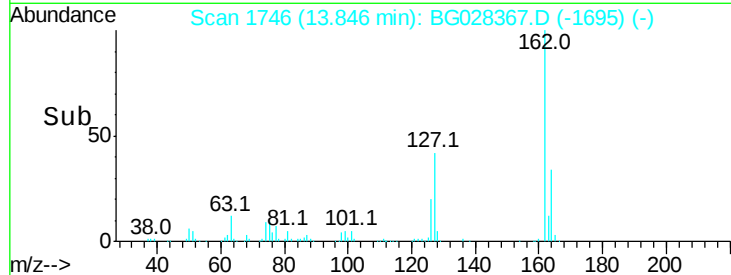
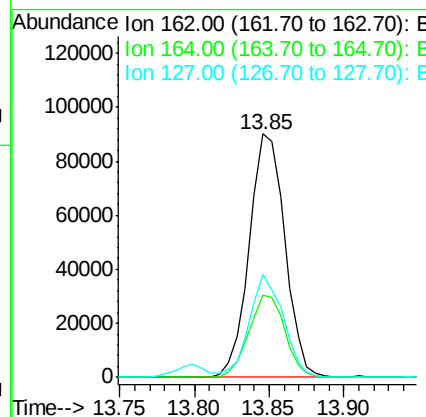
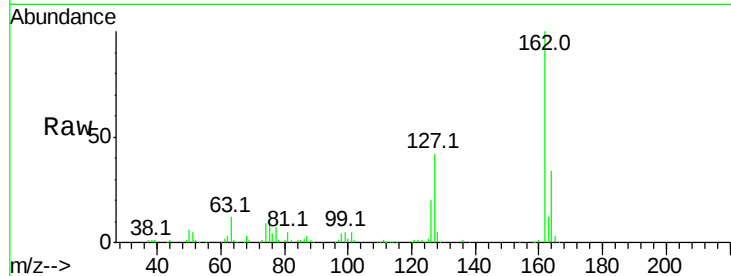




#41
2-Chloronaphthalene
Concen: 19.119 ng/ul
RT: 13.85 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

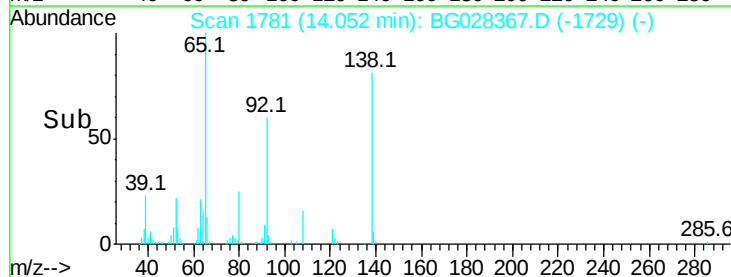
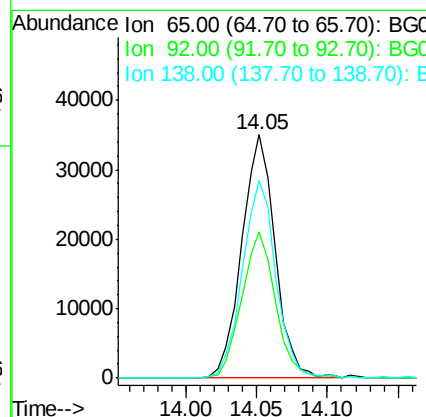
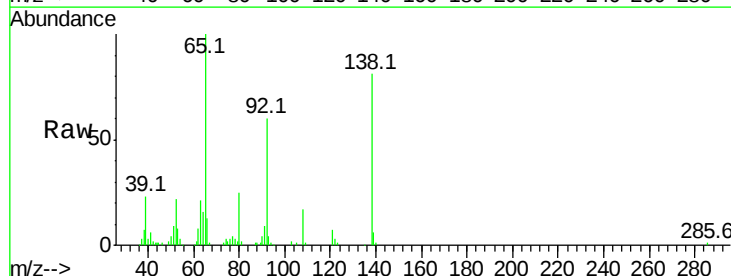
Instrument :
BNA_G
ClientSampleId :
SSTD02072

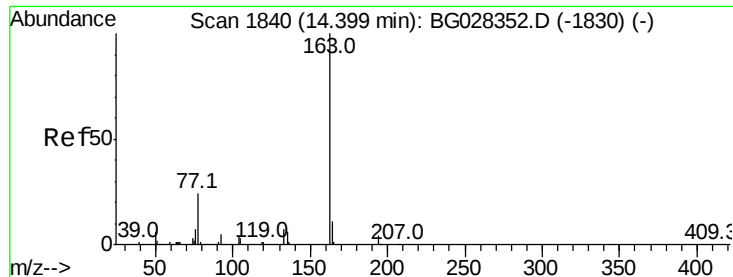
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.0	25.0	37.6
127	42.2	30.7	46.1



#42
2-Nitroaniline
Concen: 17.803 ng/ul
RT: 14.05 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	50.9	76.3
138	81.0	61.8	92.6





#44

Dimethylphthalate

Concen: 17.625 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

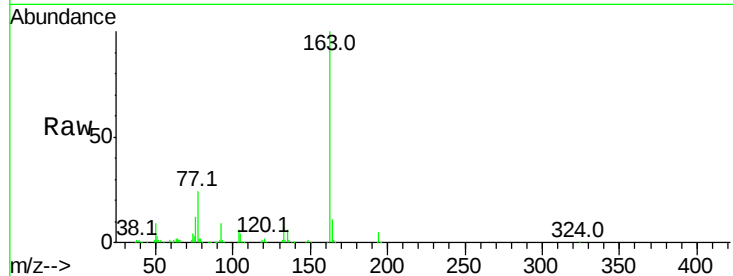
Tot Ion:163 Resp: 194115

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.0#

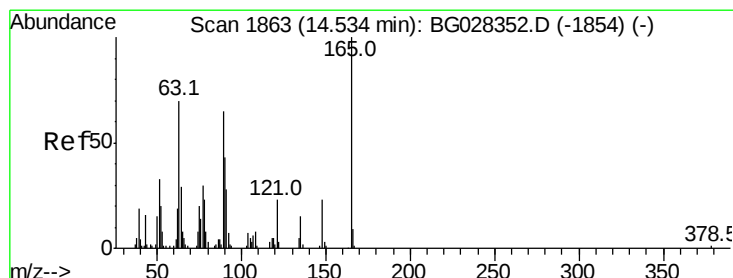
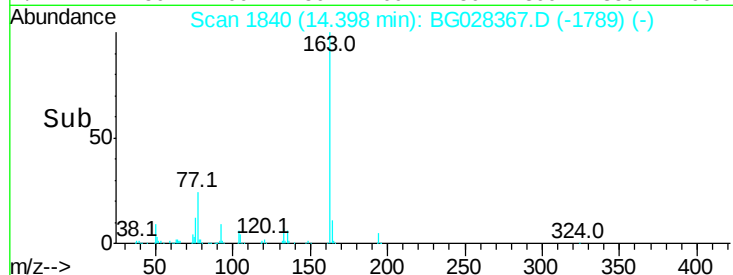
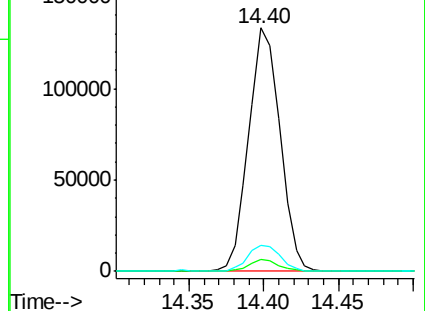
164 10.8 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 19.074 ng/ul

RT: 14.53 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

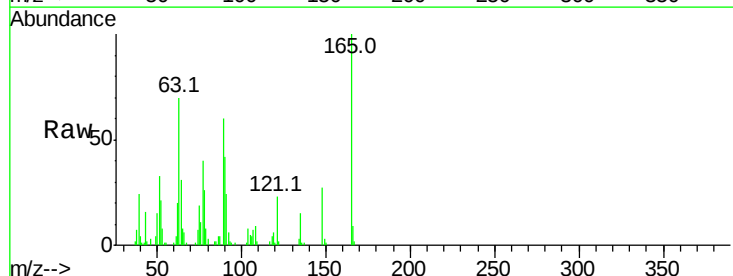
Tgt Ion:165 Resp: 43374

Ion Ratio Lower Upper

165 100

89 59.7 52.9 79.3

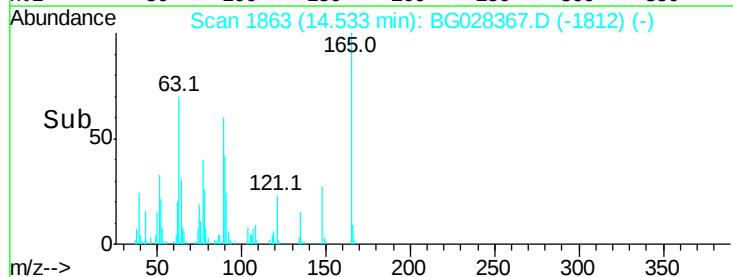
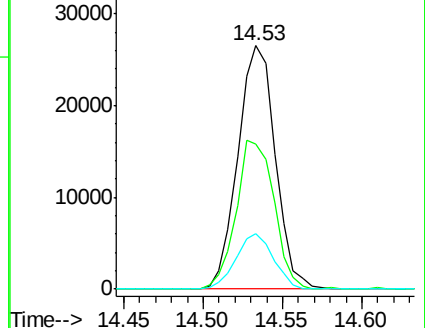
121 22.6 22.2 33.4

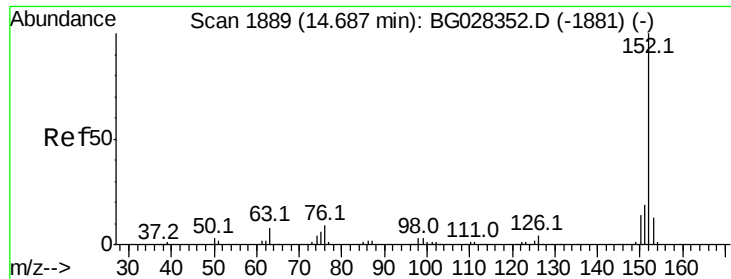


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.085 ng/ul

RT: 14.69 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

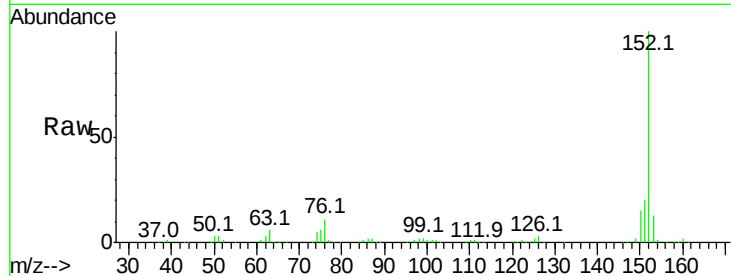
Tot Ion:152 Resp: 245971

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

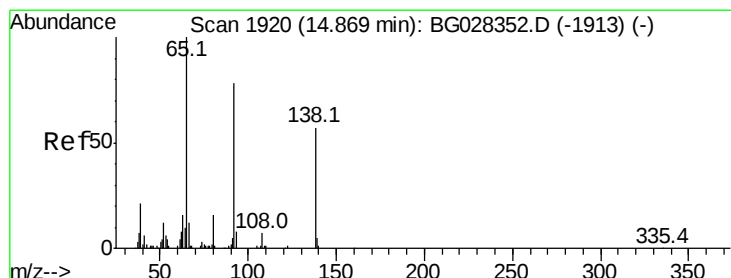
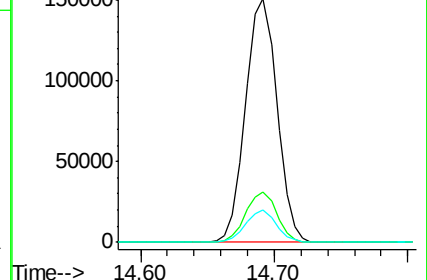
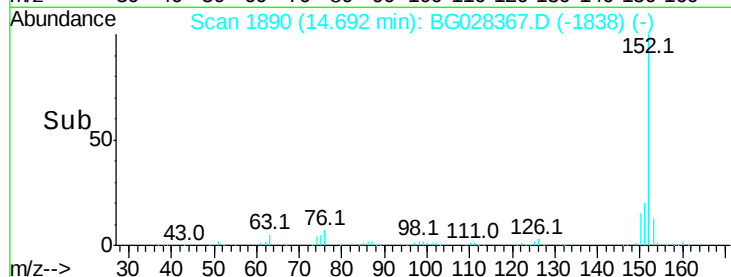
153 13.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 18.907 ng/ul

RT: 14.87 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

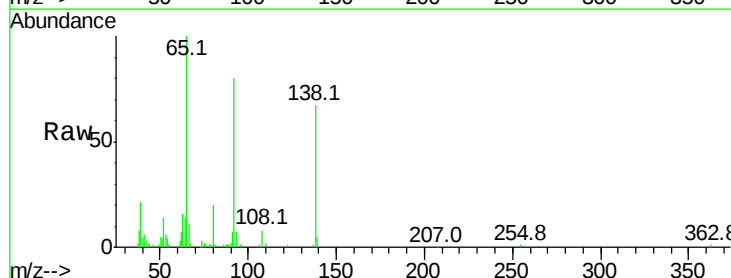
Tgt Ion:138 Resp: 38714

Ion Ratio Lower Upper

138 100

108 12.1 6.3 9.5#

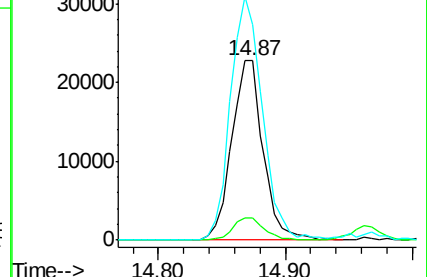
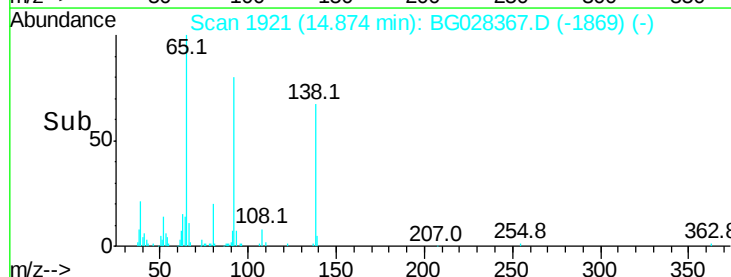
92 119.9 106.4 159.6

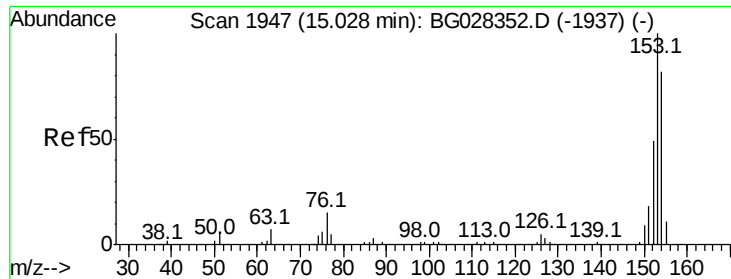


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 18.699 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

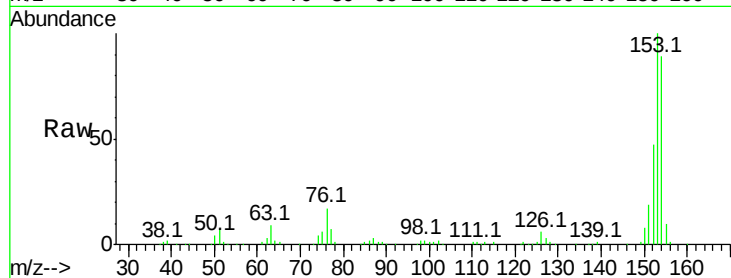
Tot Ion:153 Resp: 162605

Ion Ratio Lower Upper

153 100

152 47.0 36.5 54.7

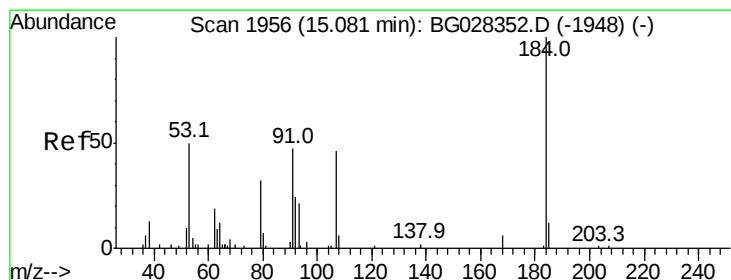
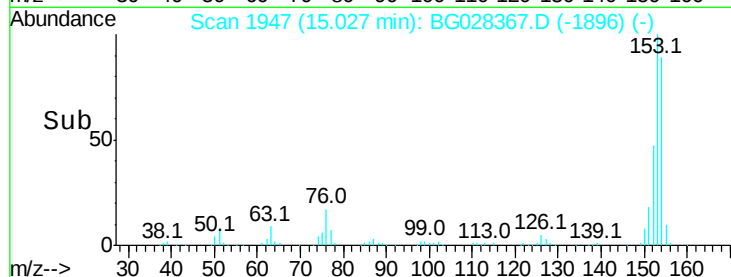
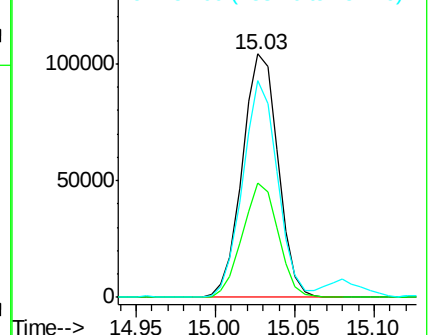
154 88.8 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.167 ng/ul

RT: 15.09 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

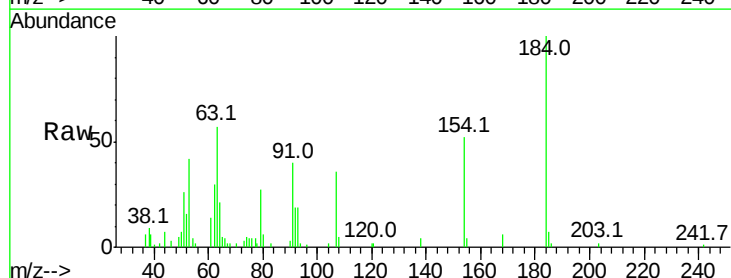
Tgt Ion:184 Resp: 20713

Ion Ratio Lower Upper

184 100

63 56.5 65.1 97.7#

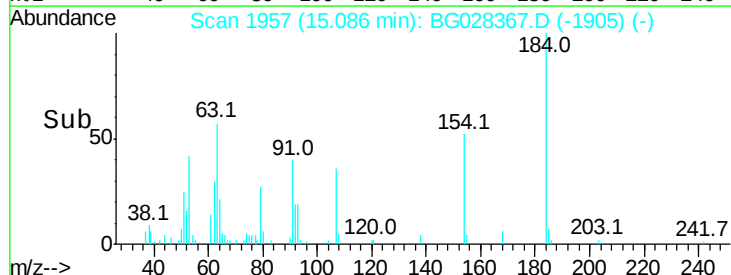
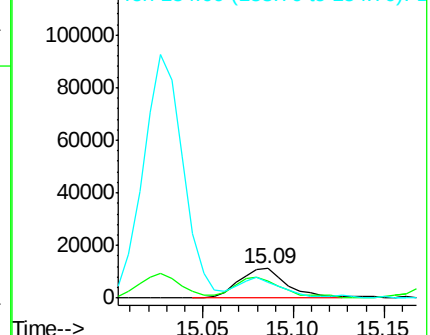
154 51.6 68.2 102.4#

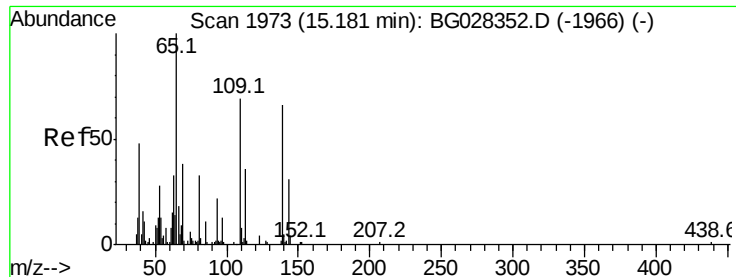


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.861 ng/ul

RT: 15.18 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

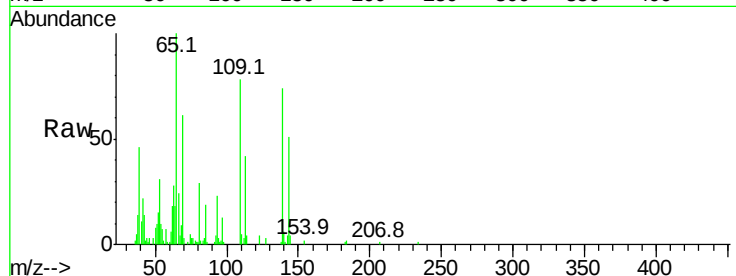
Tot Ion:109 Resp: 29285

Ion Ratio Lower Upper

109 100

139 95.1 62.6 93.8#

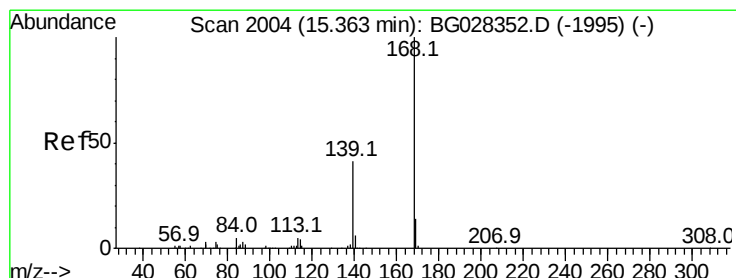
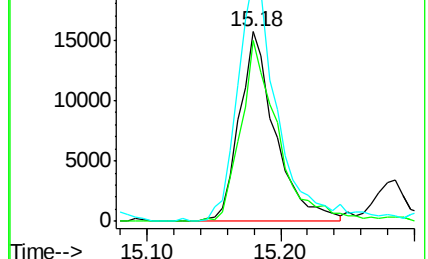
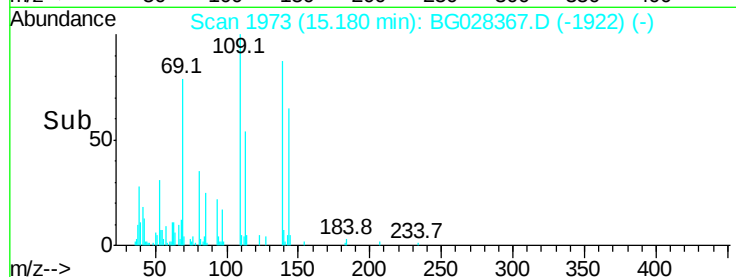
65 128.4 90.4 135.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 18.411 ng/ul

RT: 15.36 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG028367.D

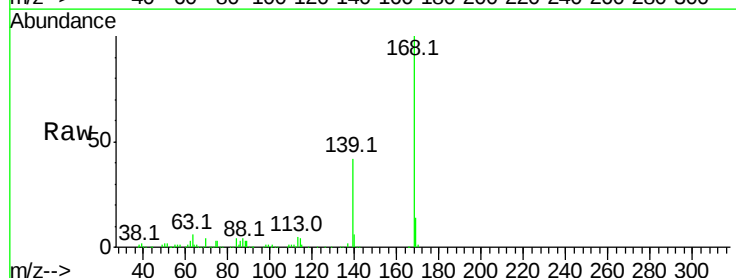
Acq: 16 Aug 2017 6:36

Tgt Ion:168 Resp: 233428

Ion Ratio Lower Upper

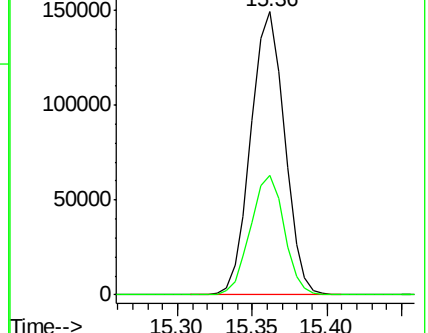
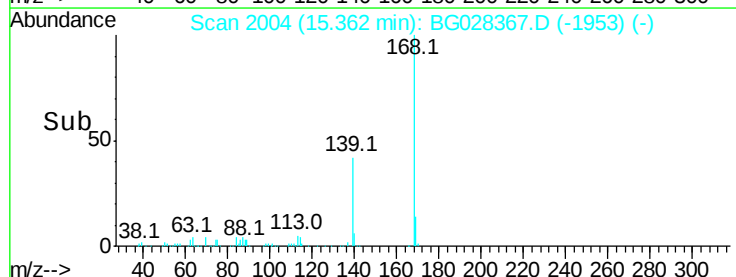
168 100

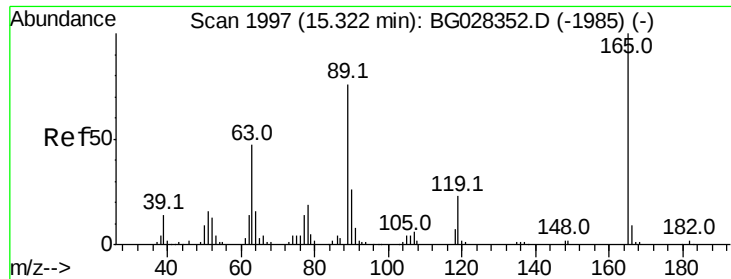
139 42.2 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 18.747 ng/ul

RT: 15.32 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

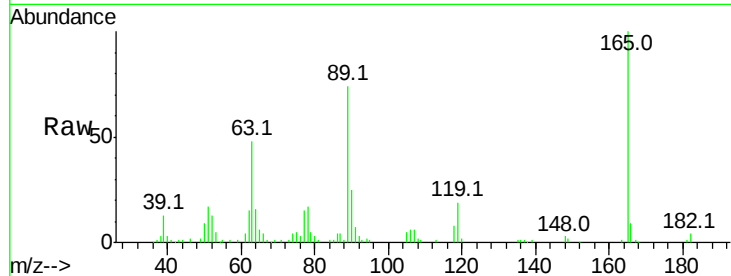
Tot Ion:165 Resp: 64606

Ion Ratio Lower Upper

165 100

63 48.1 46.8 70.2

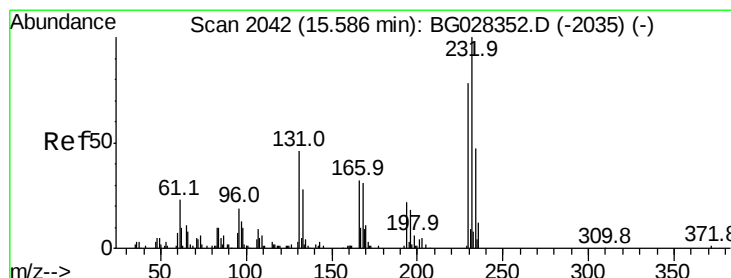
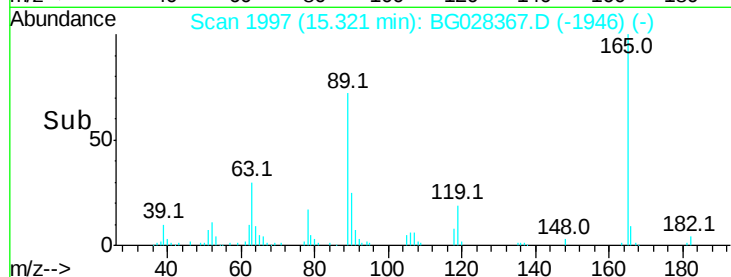
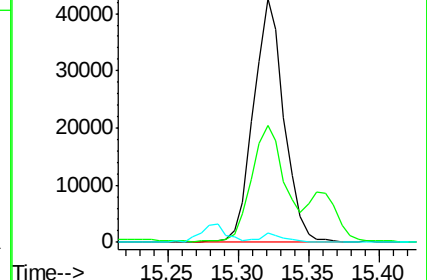
182 3.8 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.342 ng/ul

RT: 15.59 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Tgt Ion:232 Resp: 53049

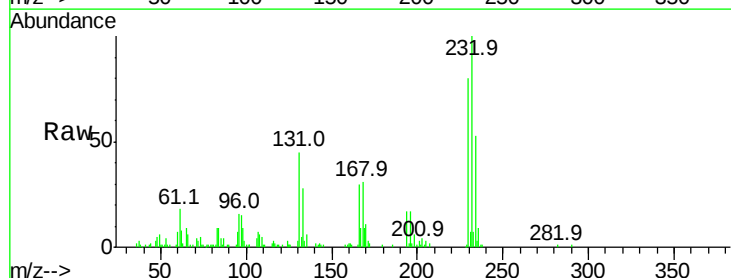
Ion Ratio Lower Upper

232 100

131 45.3 33.3 49.9

130 2.5 1.8 2.6

166 29.7 21.9 32.9

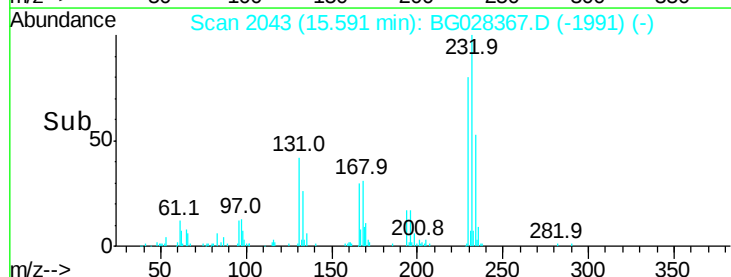
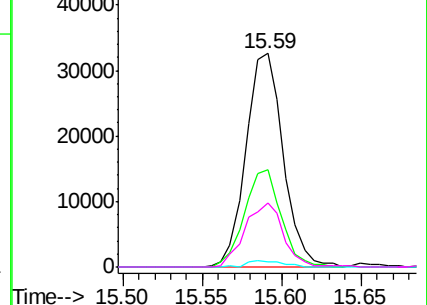


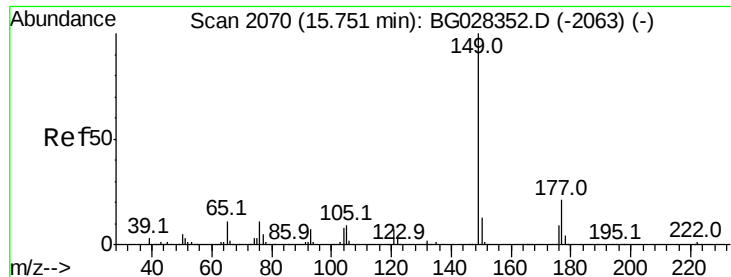
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 16.635 ng/ul

RT: 15.75 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

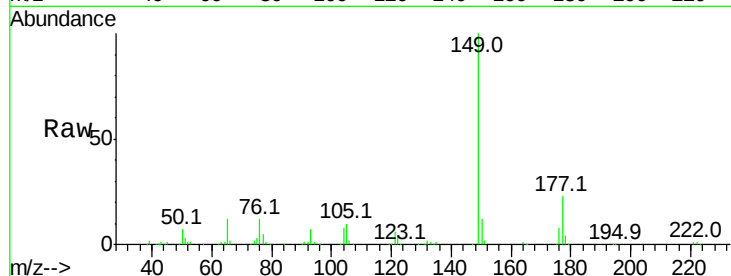
Tot Ion:149 Resp: 214927

Ion Ratio Lower Upper

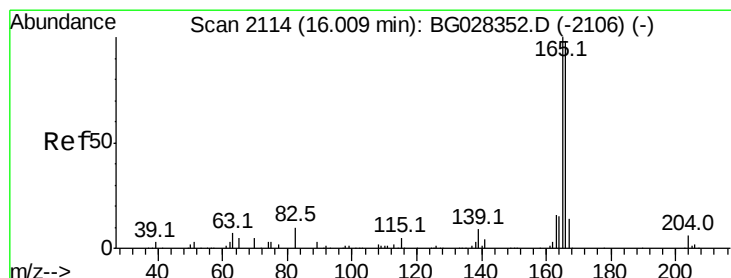
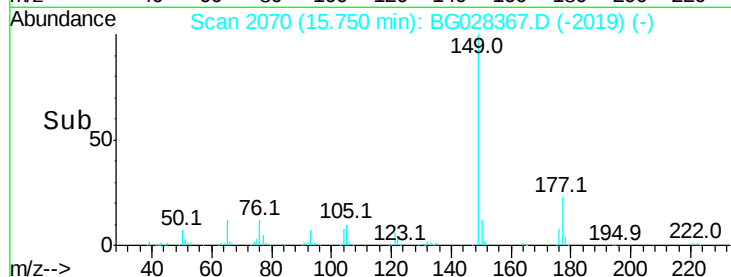
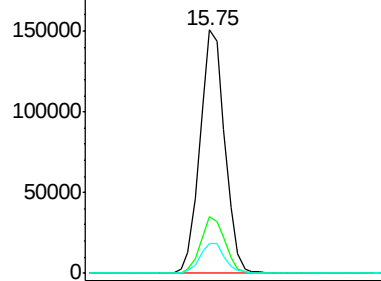
149 100

177 23.3 17.8 26.8

150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 17.843 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

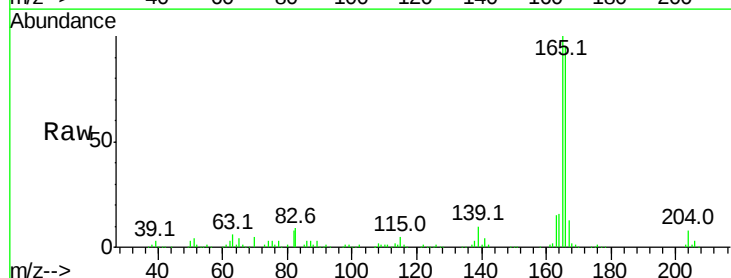
Tgt Ion:166 Resp: 200285

Ion Ratio Lower Upper

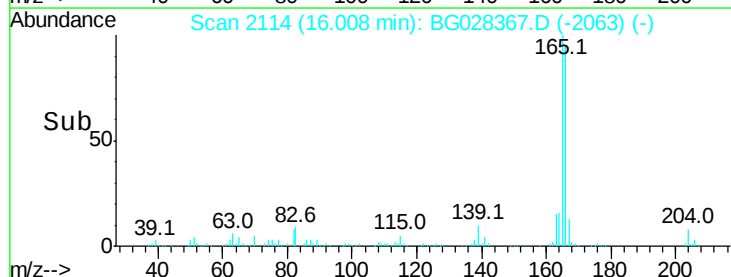
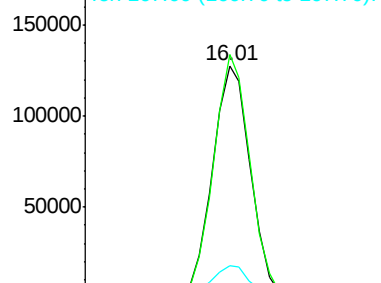
166 100

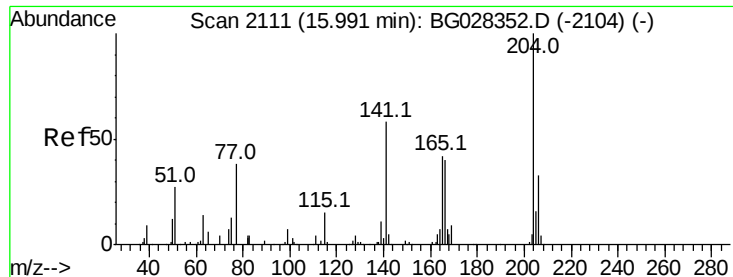
165 104.9 79.7 119.5

167 14.1 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 18.464 ng/ul

RT: 15.99 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

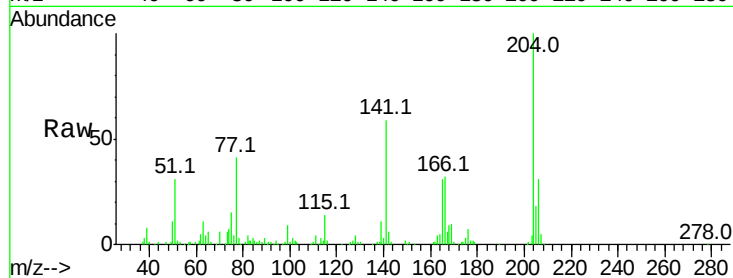
Tot Ion:204 Resp: 111195

Ion Ratio Lower Upper

204 100

206 31.2 32.3 48.5#

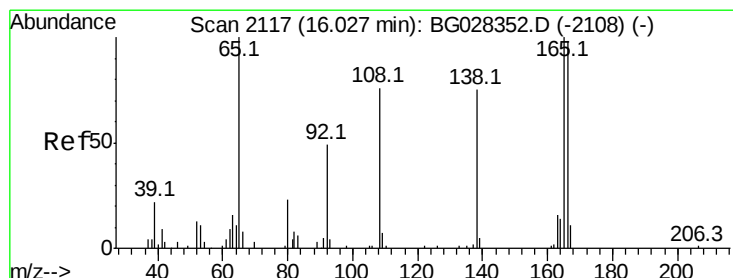
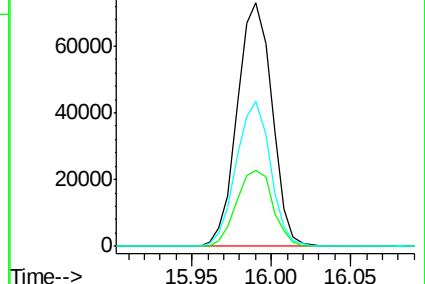
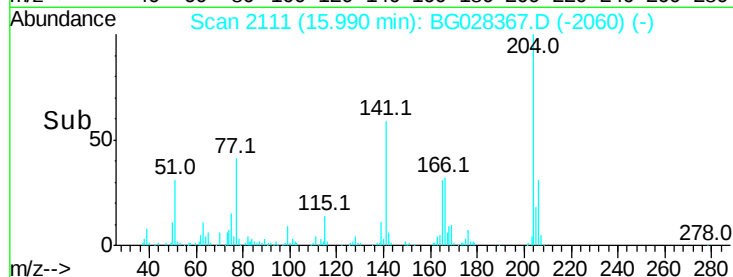
141 59.5 57.5 86.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 17.063 ng/ul

RT: 16.03 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

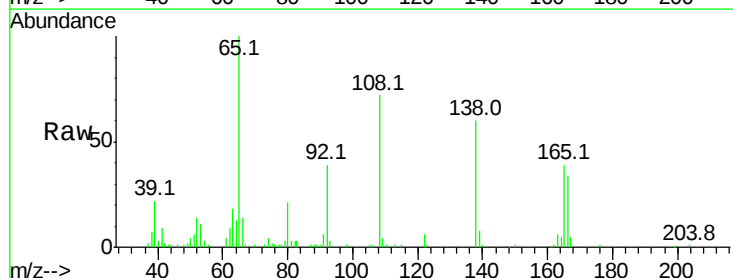
Tgt Ion:138 Resp: 41450

Ion Ratio Lower Upper

138 100

92 65.1 56.9 85.3

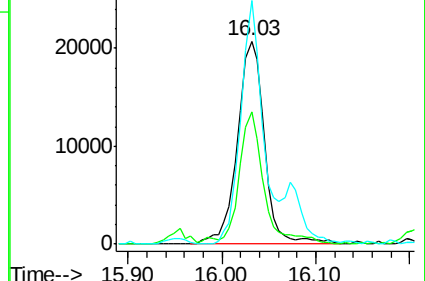
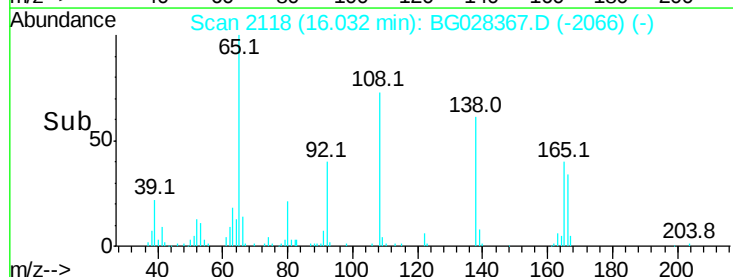
108 119.9 104.9 157.3

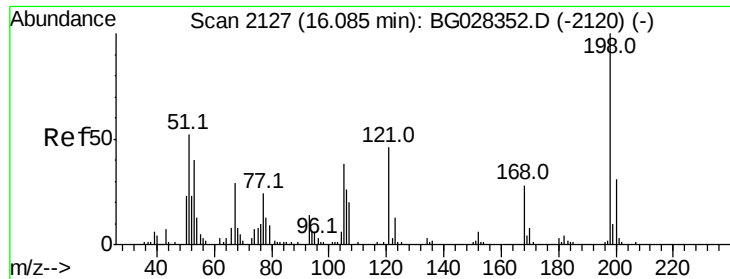


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

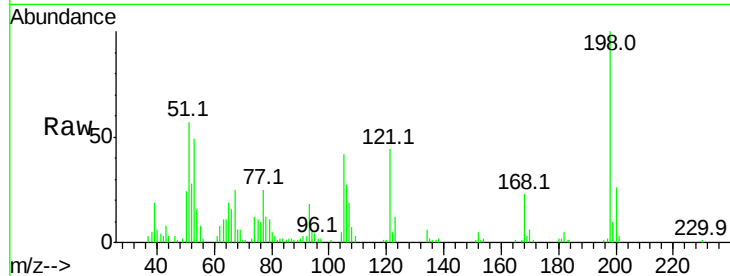




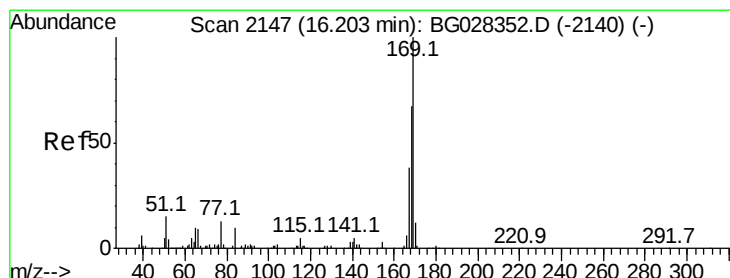
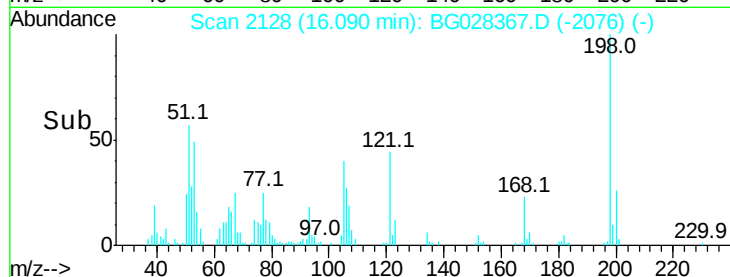
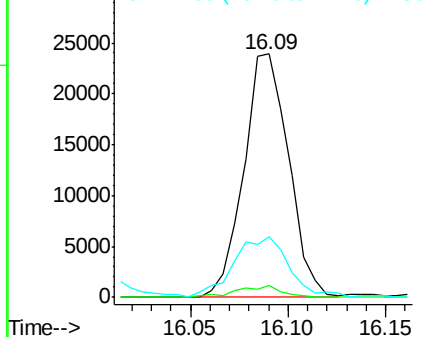
#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.683 ng/ul
 RT: 16.09 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

Tot Ion:198 Resp: 38063
 Ion Ratio Lower Upper
 198 100
 182 4.9 5.8 6.4#
 77 25.0 22.1 33.9

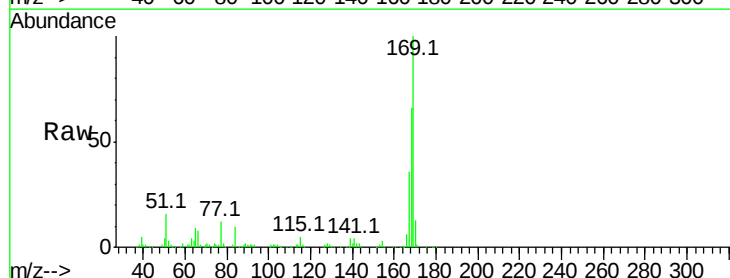


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

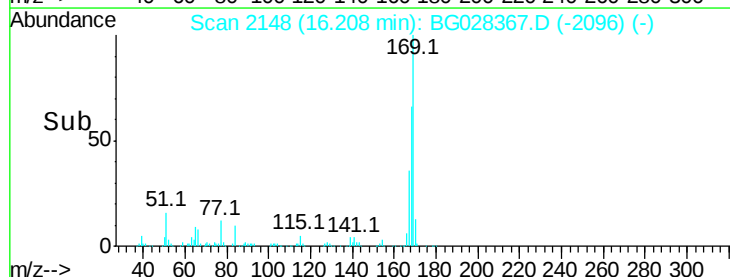
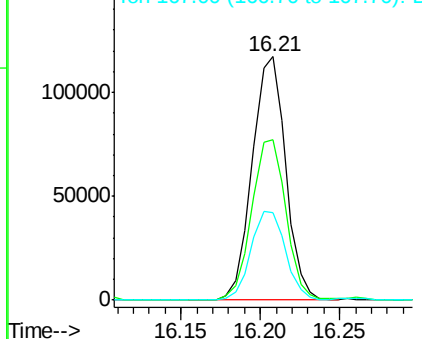


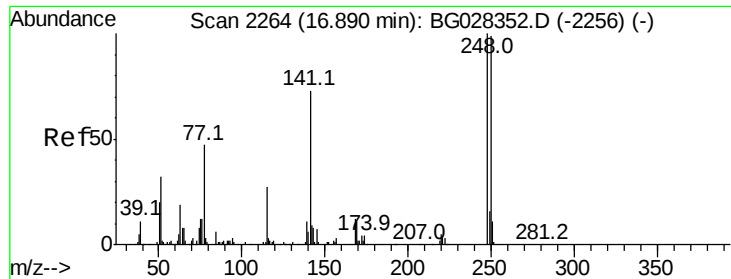
#64
 N-Nitrosodiphenylamine
 Concen: 20.074 ng/ul
 RT: 16.21 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

Tgt Ion:169 Resp: 172576
 Ion Ratio Lower Upper
 169 100
 168 66.0 59.1 88.7
 167 36.2 29.7 44.5



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

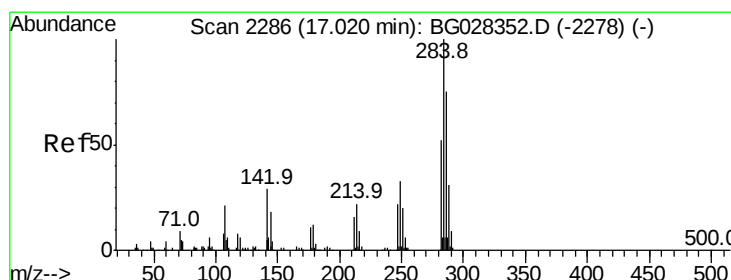
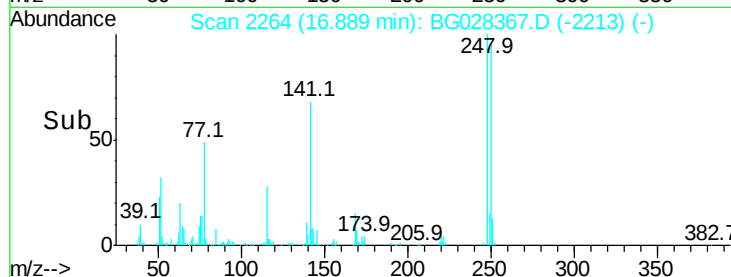
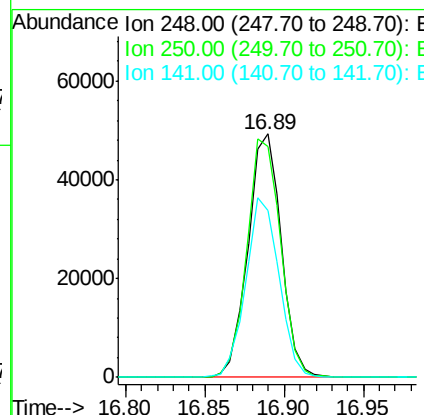
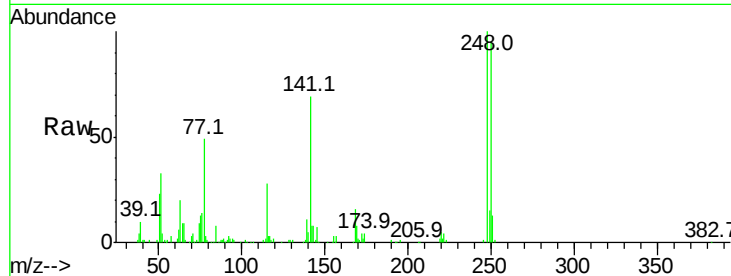




#65
4-Bromophenyl-phenylether
Concen: 20.420 ng/ul
RT: 16.89 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

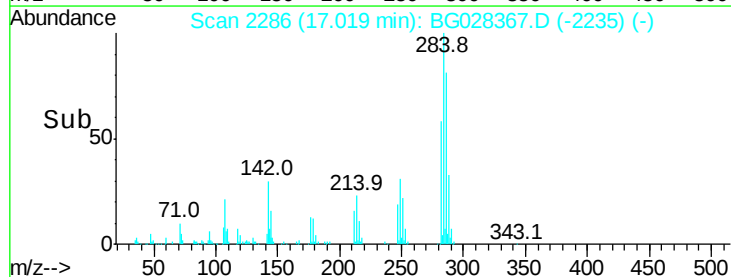
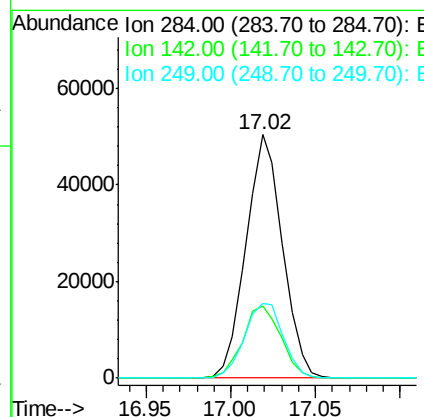
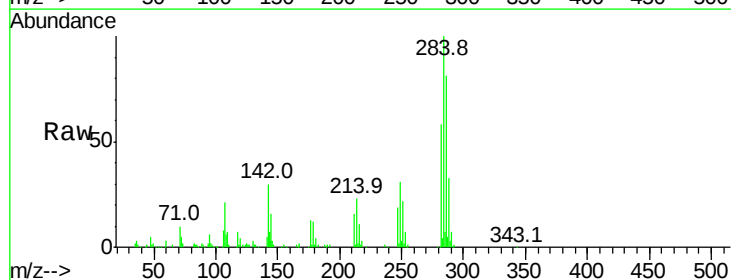
Instrument :
BNA_G
ClientSampleId :
SSTD02072

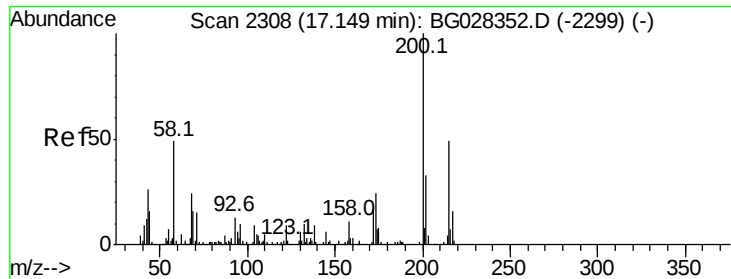
Tot Ion:248 Resp: 71717
Ion Ratio Lower Upper
248 100
250 94.9 71.9 107.9
141 68.6 53.8 80.8



#66
Hexachlorobenzene
Concen: 20.222 ng/ul
RT: 17.02 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion:284 Resp: 75607
Ion Ratio Lower Upper
284 100
142 29.5 26.1 39.1
249 30.7 25.9 38.9

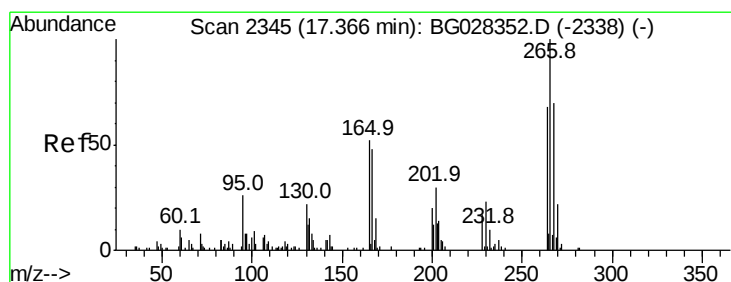
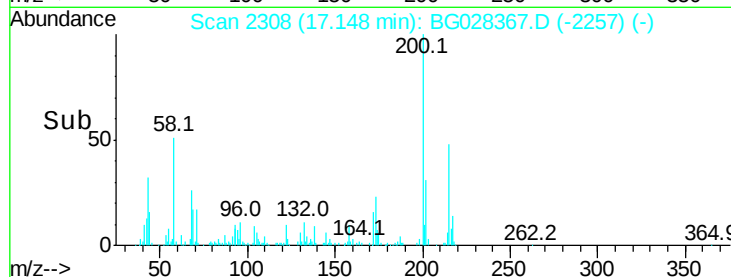
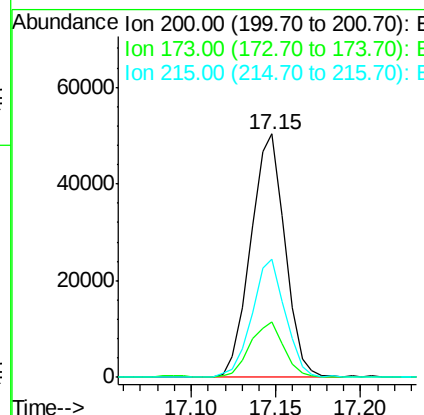
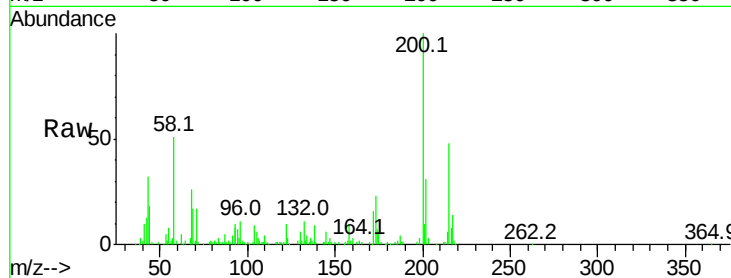




#67
Atrazine
Concen: 18.940 ng/ul
RT: 17.15 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

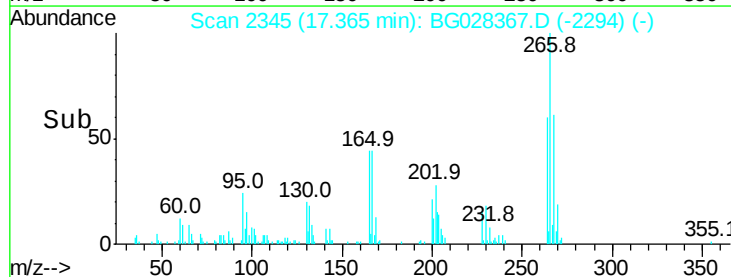
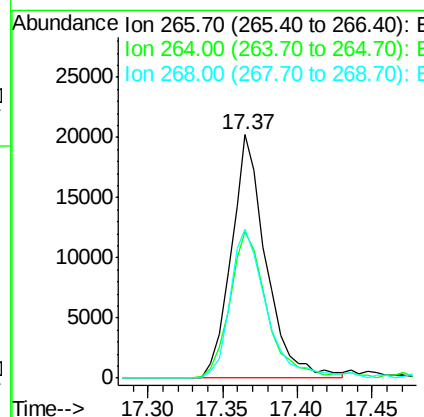
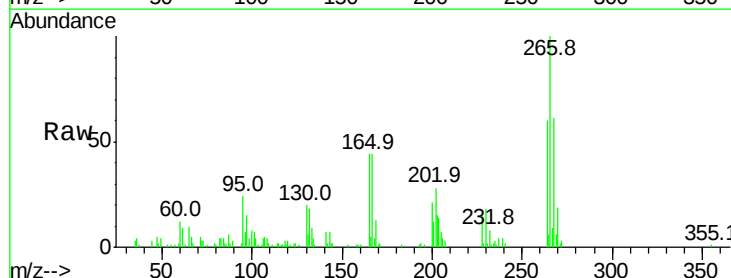
Instrument :
BNA_G
ClientSampleId :
SSTD02072

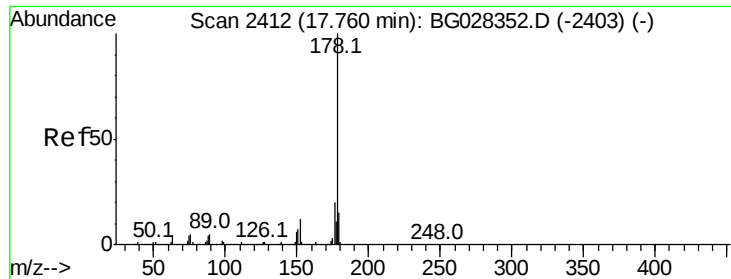
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	19.2	28.8
215	48.3	40.3	60.5



#68
Pentachlorophenol
Concen: 17.400 ng/ul
RT: 17.37 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.2	47.1	70.7
268	61.4	56.2	84.4





#69

Phenanthrene

Concen: 18.722 ng/ul

RT: 17.76 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

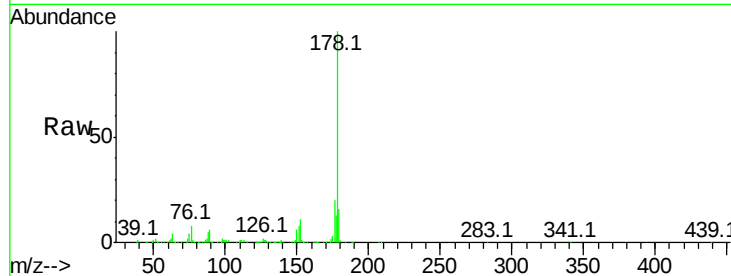
Tot Ion:178 Resp: 307887

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

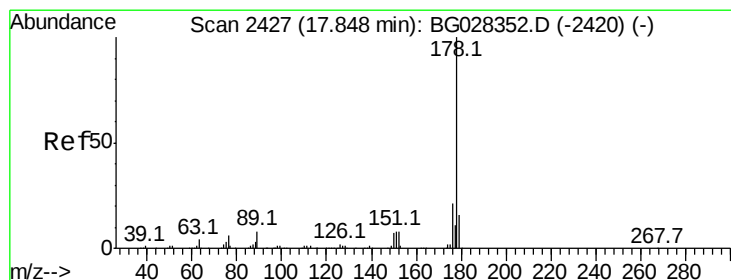
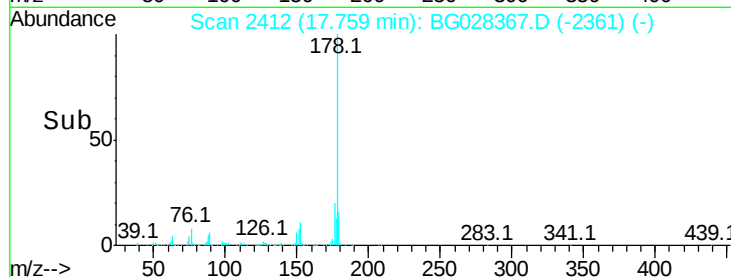
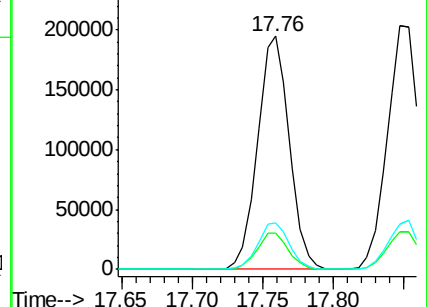
176 20.2 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.170 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

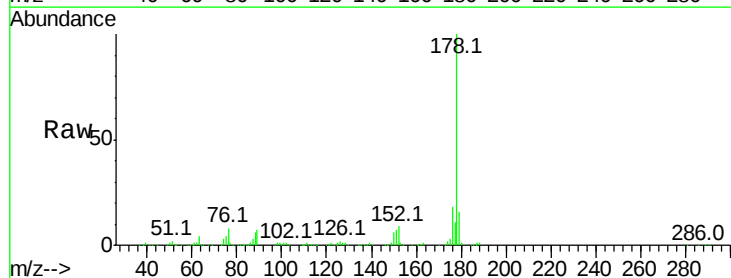
Tgt Ion:178 Resp: 322204

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

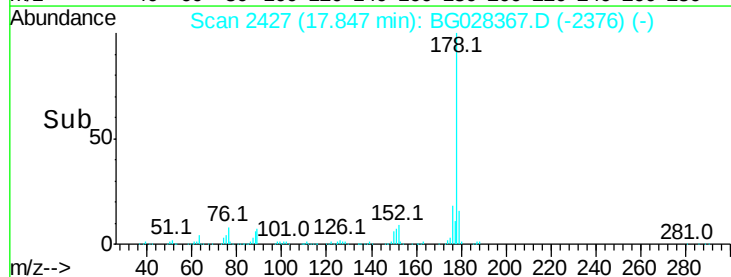
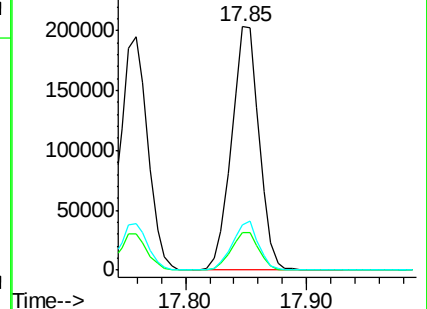
176 18.3 15.9 23.9

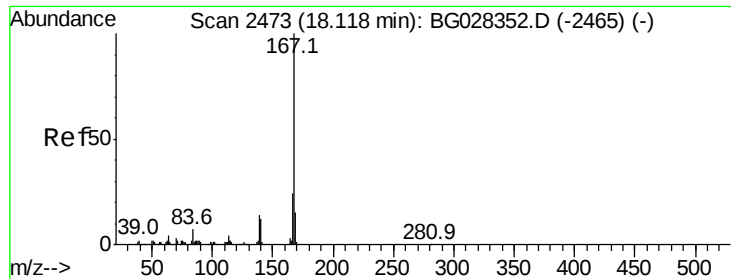


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.457 ng/ul

RT: 18.12 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

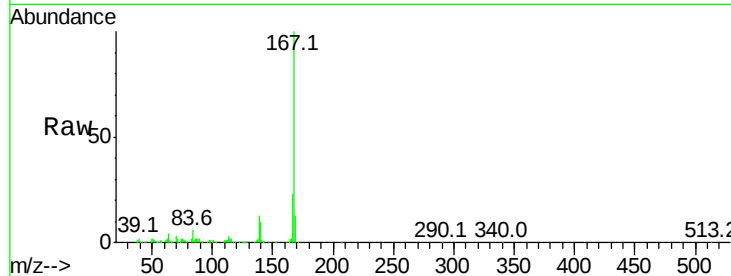
Tot Ion:167 Resp: 269798

Ion Ratio Lower Upper

167 100

166 23.3 17.9 26.9

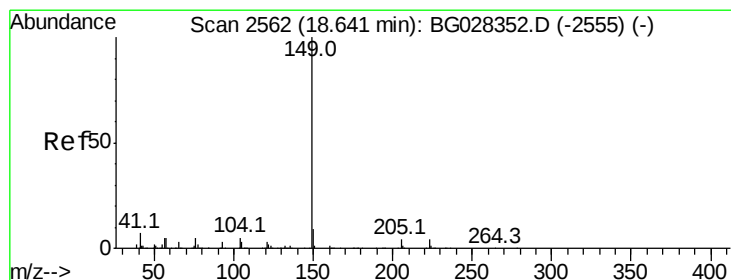
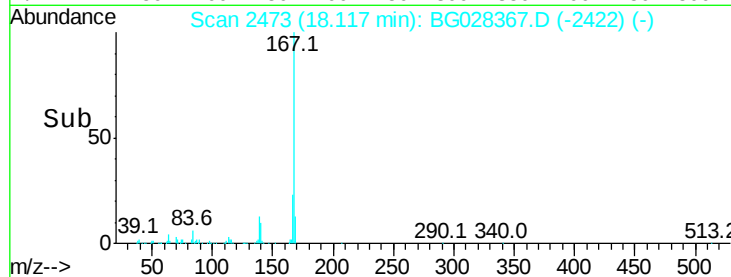
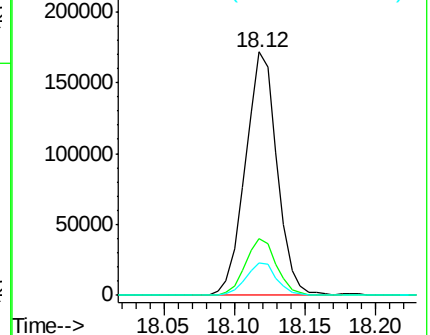
139 13.2 10.5 15.7



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: 18.573 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

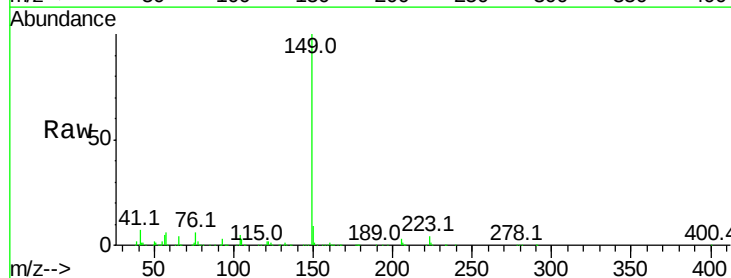
Tgt Ion:149 Resp: 337957

Ion Ratio Lower Upper

149 100

150 9.5 7.9 11.9

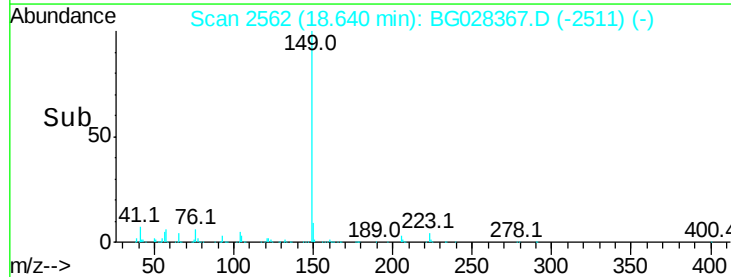
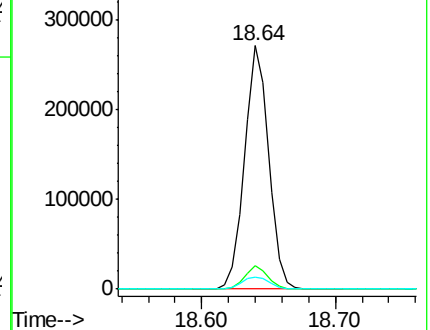
104 5.1 5.8 8.8#

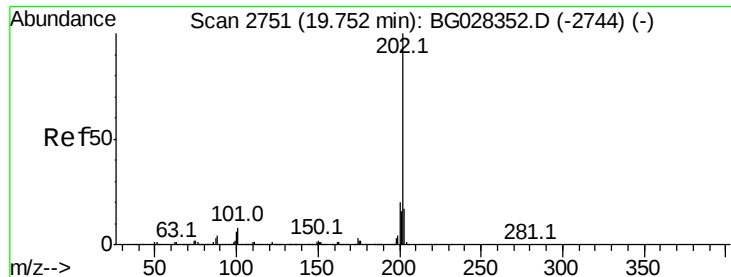


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

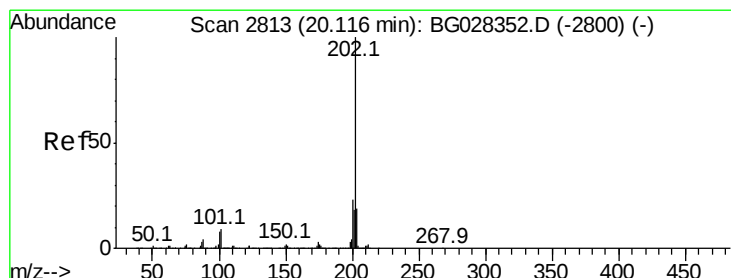
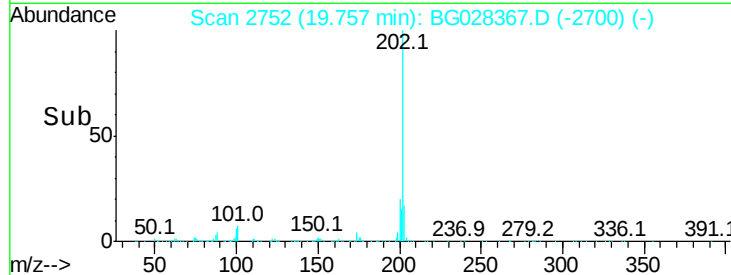
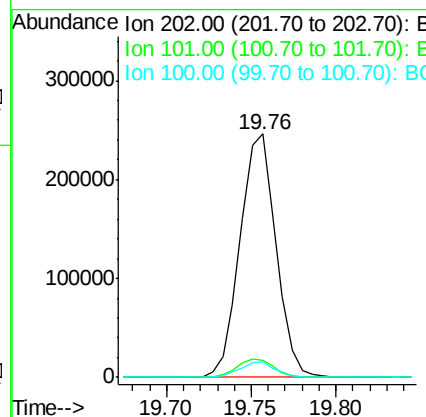
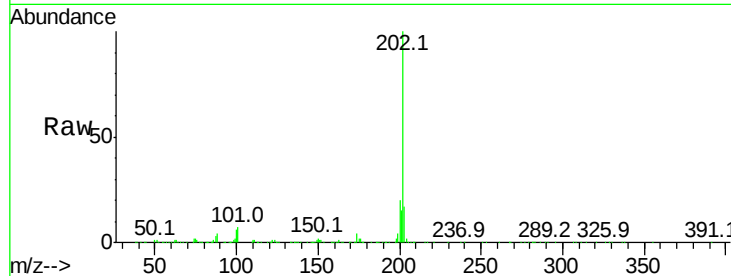




#74
 Fluoranthene
 Concen: 18.280 ng/ul
 RT: 19.76 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

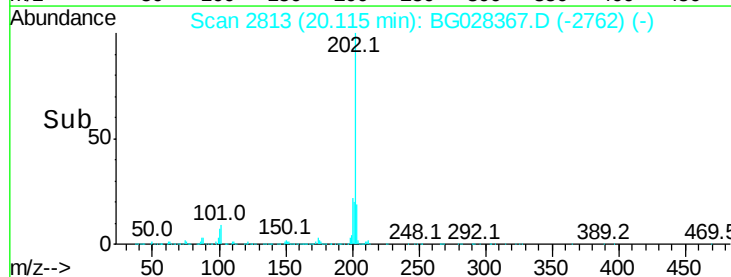
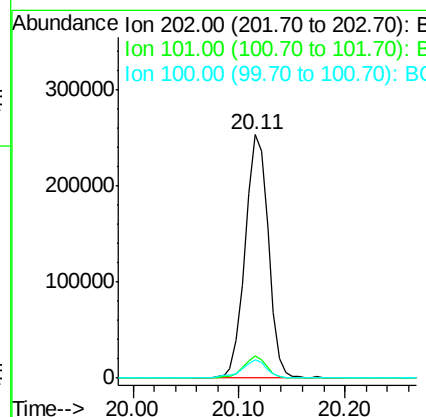
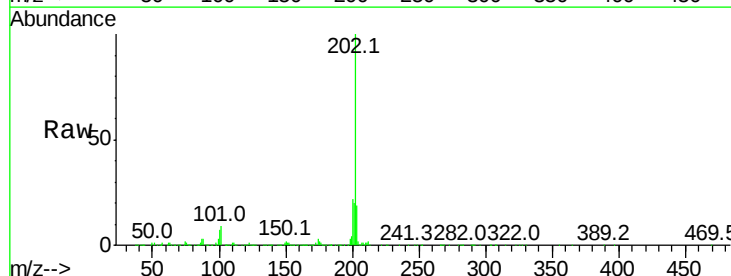
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02072

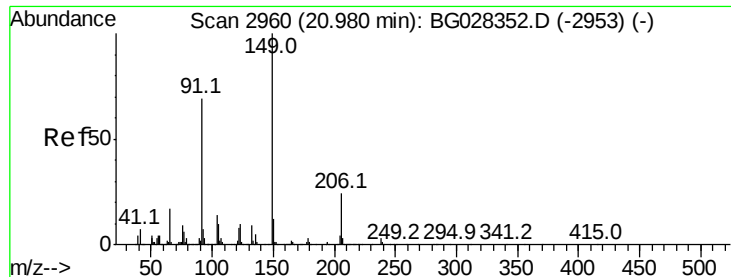
Tot Ion:	202	Resp:	365344
Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.2	9.2
100	6.3	5.2	7.8



#77
 Pyrene
 Concen: 18.464 ng/ul
 RT: 20.11 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG028367.D
 Acq: 16 Aug 2017 6:36

Tgt Ion:	202	Resp:	385015
Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.9	10.3
100	7.3	6.6	10.0

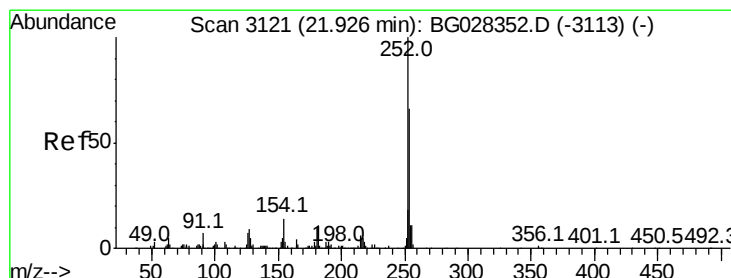
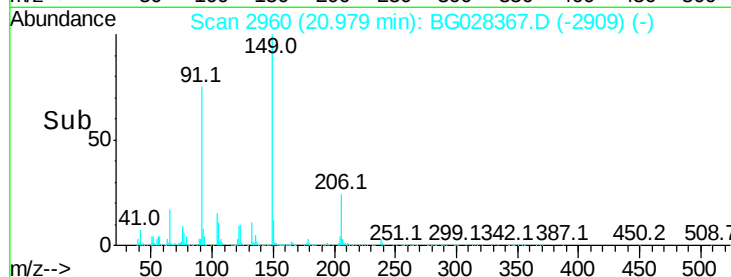
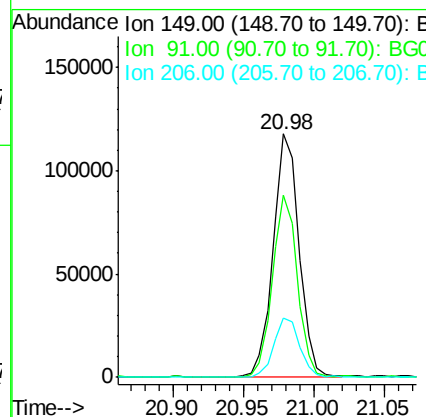
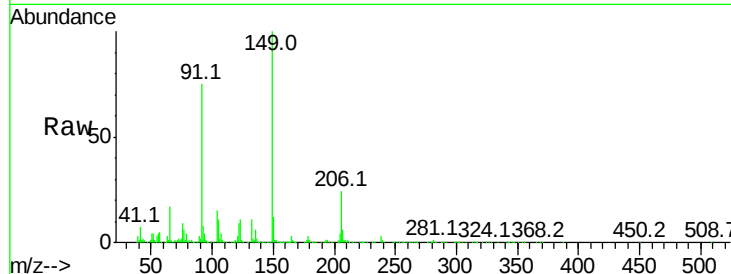




#78
Butylbenzylphthalate
Concen: 19.374 ng/ul
RT: 20.98 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

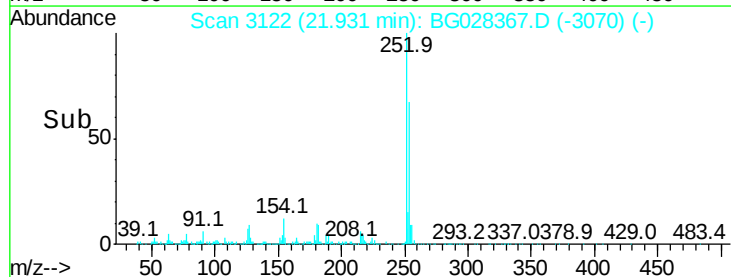
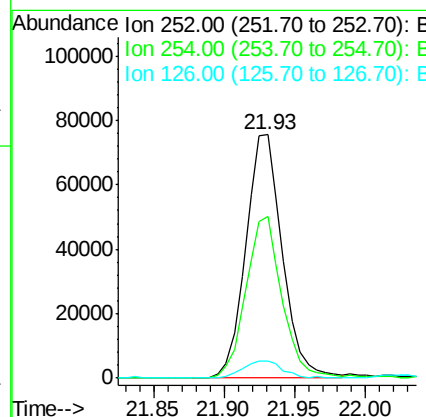
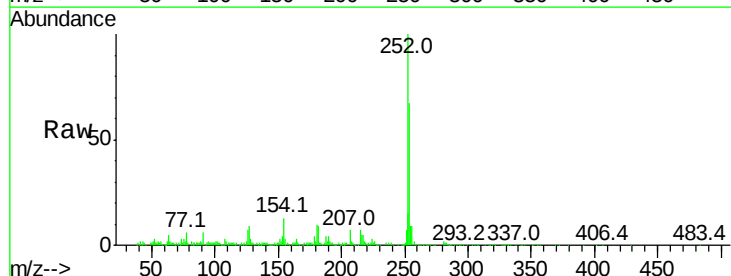
Instrument :
BNA_G
ClientSampleId :
SSTD02072

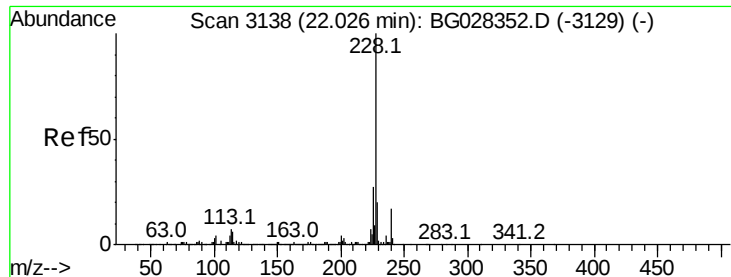
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	65.8	98.6
206	24.2	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 20.338 ng/ul
RT: 21.93 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BG028367.D
Acq: 16 Aug 2017 6:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	49.0	73.6
126	6.9	5.1	7.7





#80

Benzo(a)anthracene

Concen: 19.231 ng/ul

RT: 22.02 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

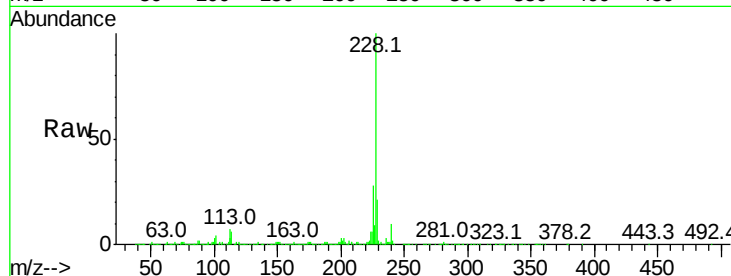
Tot Ion:228 Resp: 388363

Ion Ratio Lower Upper

228 100

229 20.6 16.3 24.5

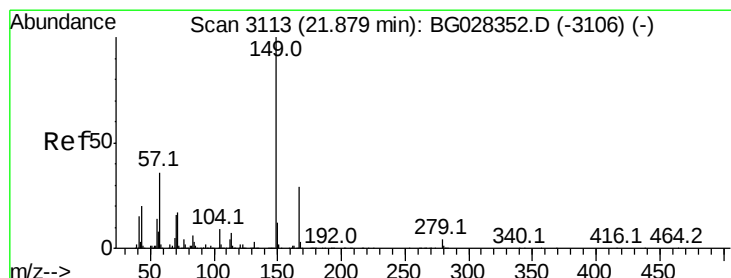
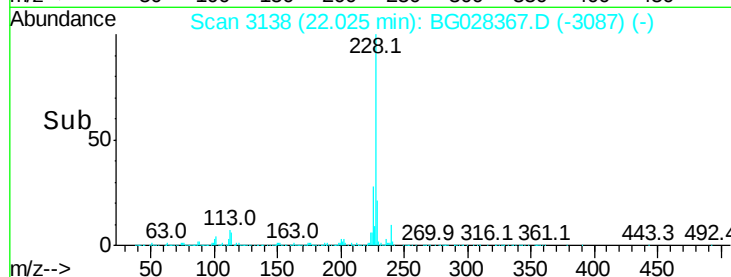
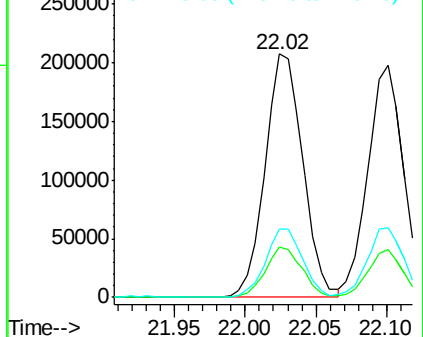
226 28.0 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.870 ng/ul

RT: 21.88 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

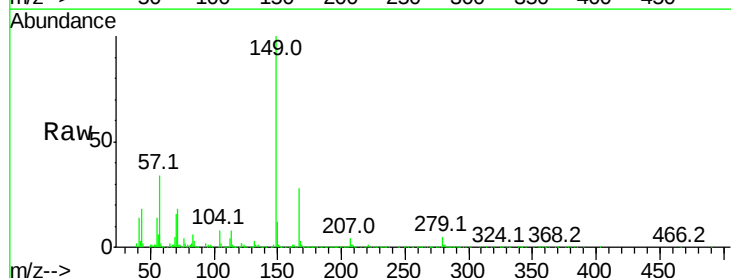
Tgt Ion:149 Resp: 209639

Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.8

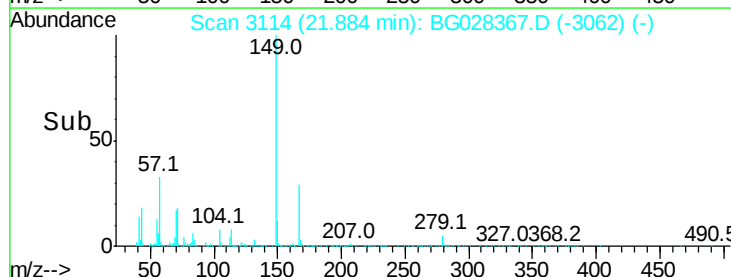
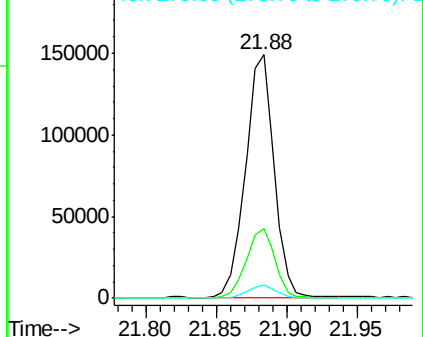
279 5.4 4.5 6.7

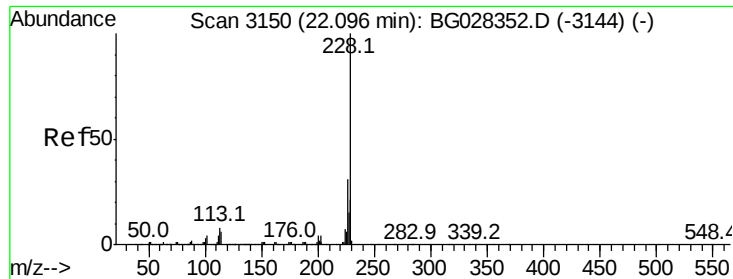


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.067 ng/ul

RT: 22.10 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

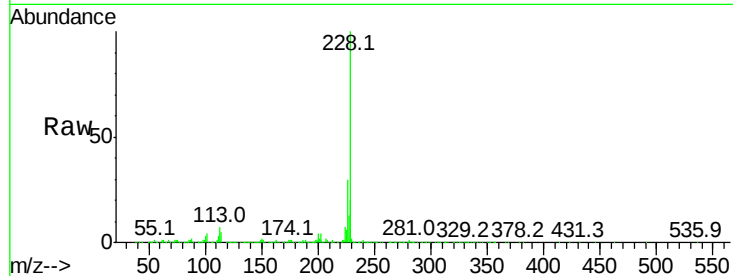
Tot Ion:228 Resp: 346784

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

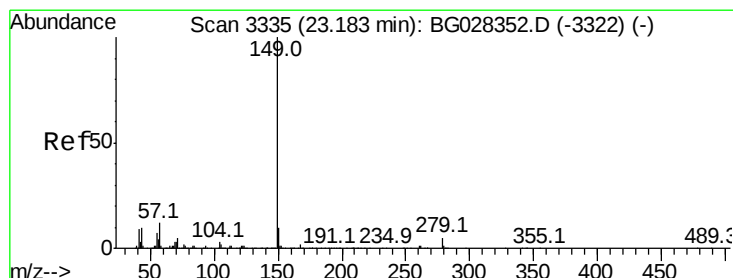
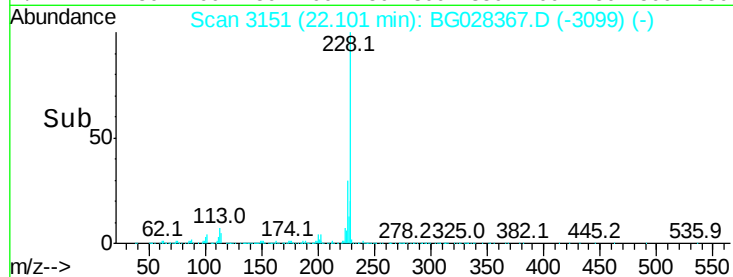
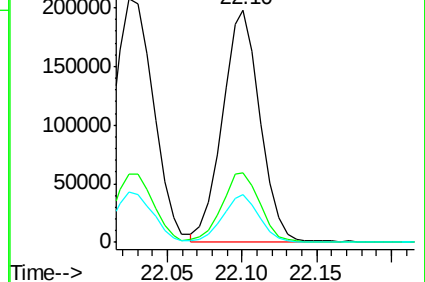
229 20.4 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.716 ng/ul

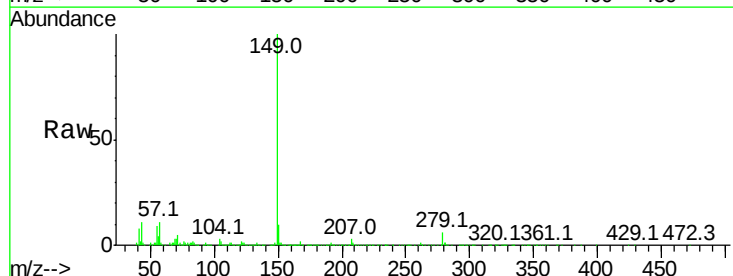
RT: 23.19 min Scan# 3336

Delta R.T. 0.00 min

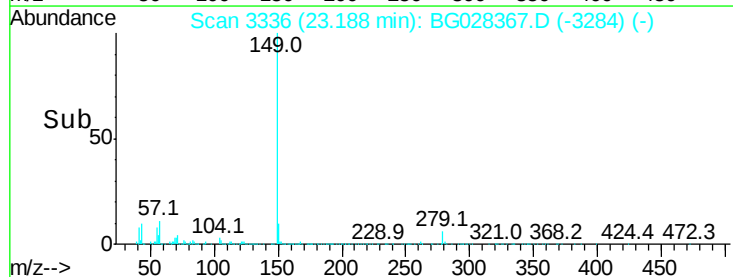
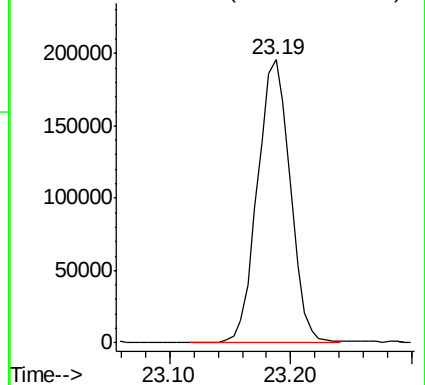
Lab File: BG028367.D

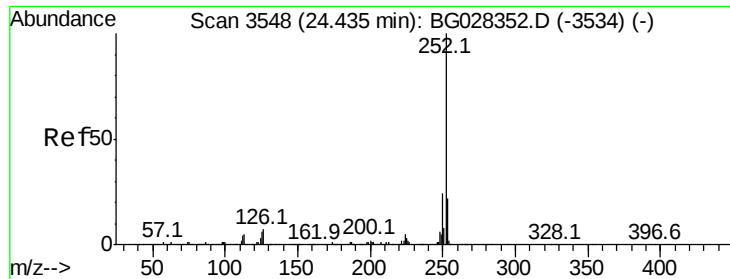
Acq: 16 Aug 2017 6:36

Tgt Ion:149 Resp: 366492



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 18.996 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

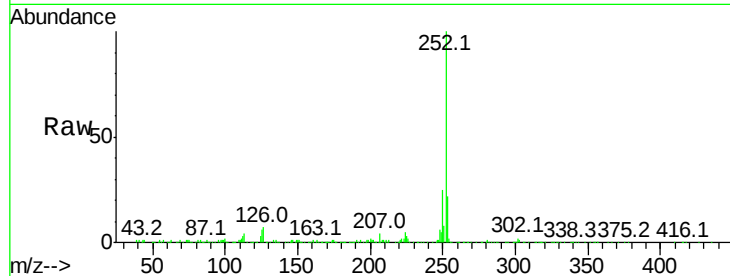
Tot Ion:252 Resp: 371437

Ion Ratio Lower Upper

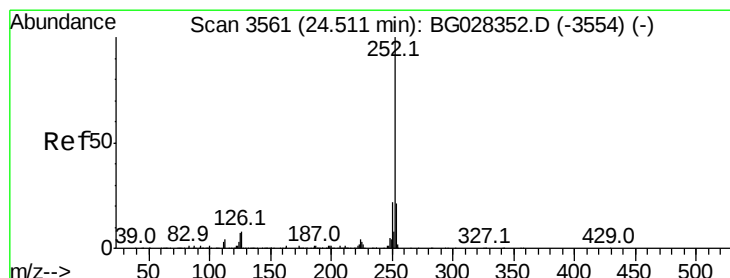
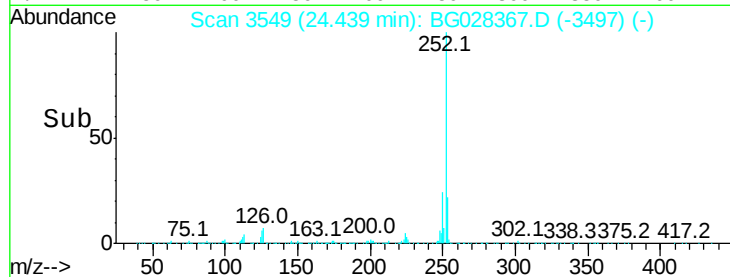
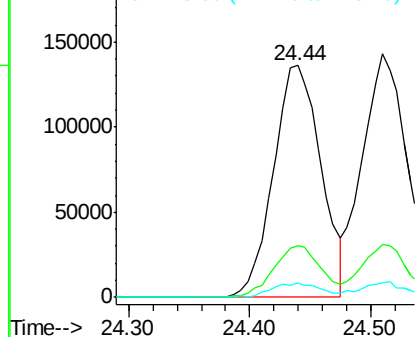
252 100

253 22.1 17.7 26.5

125 6.5 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 19.378 ng/ul

RT: 24.51 min Scan# 3561

Delta R.T. -0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

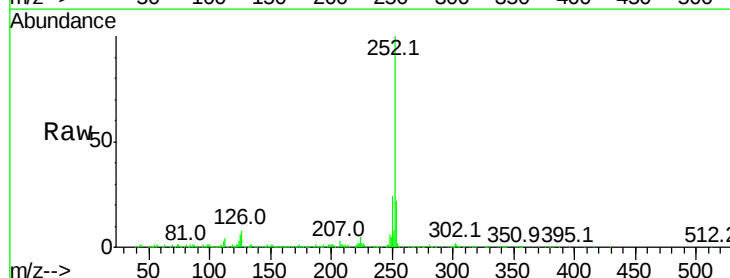
Tgt Ion:252 Resp: 370104

Ion Ratio Lower Upper

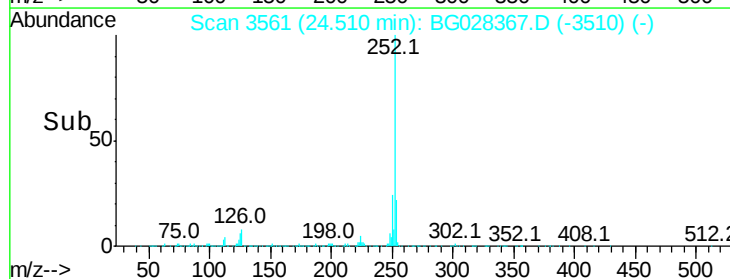
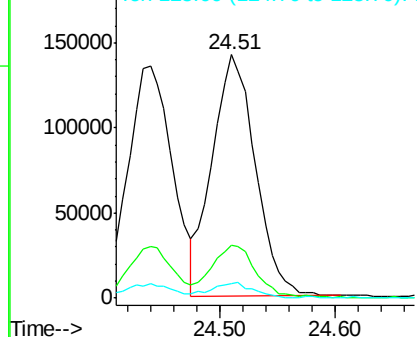
252 100

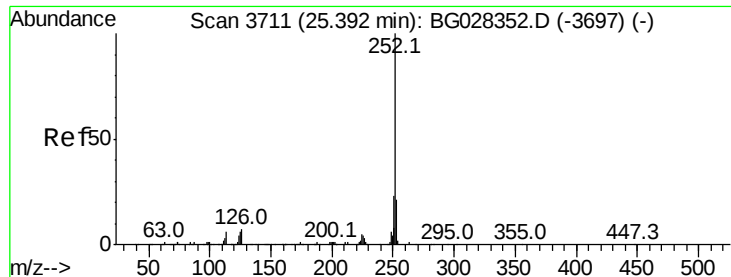
253 21.9 18.5 27.7

125 6.0 4.1 6.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.240 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

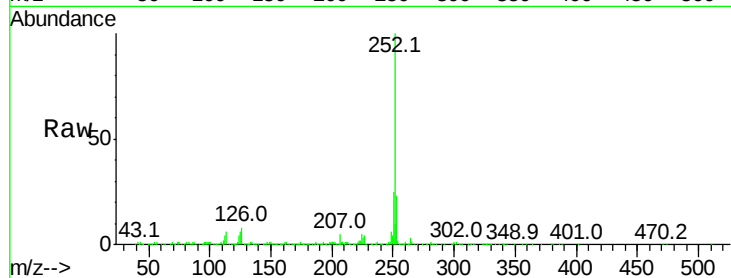
Tot Ion:252 Resp: 364250

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	6.2	5.4	8.0

252 100

253 22.6 17.8 26.6

125 6.2 5.4 8.0

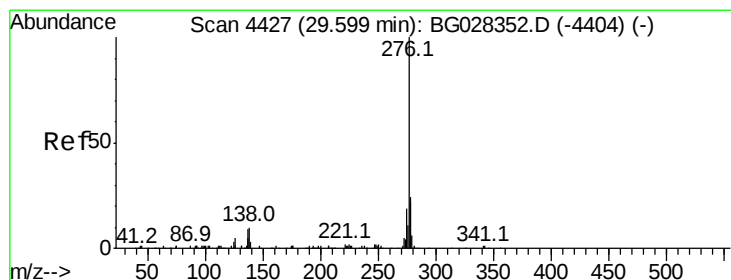
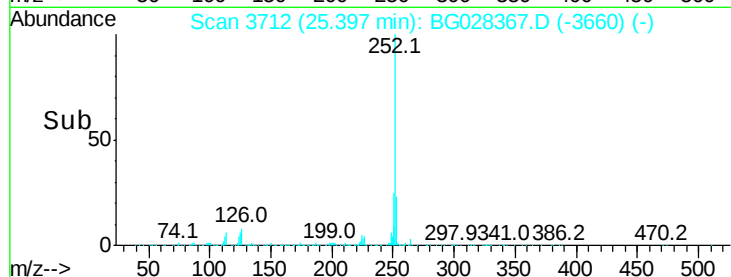
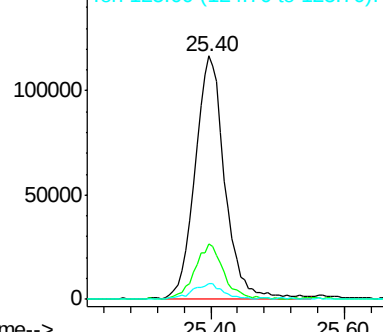


Abundance

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



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.857 ng/ul

RT: 29.60 min Scan# 4428

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

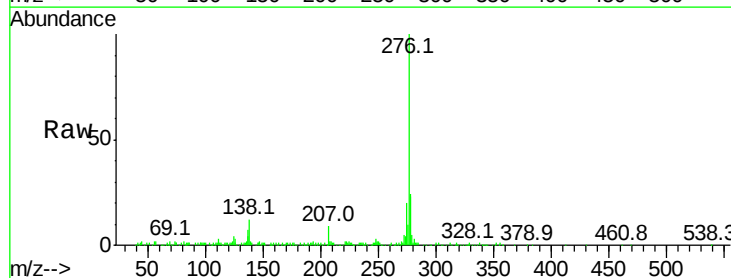
Tgt Ion:276 Resp: 395885

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.2	12.4
277	23.7	18.6	28.0

276 100

138 11.8 8.2 12.4

277 23.7 18.6 28.0

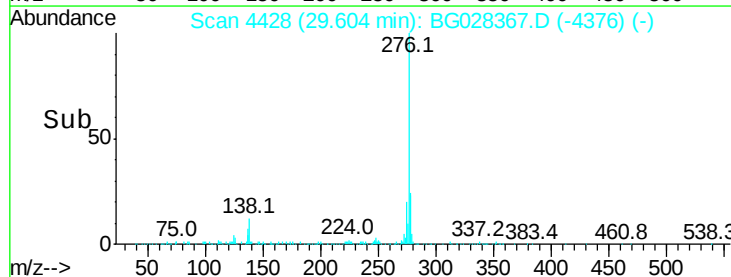
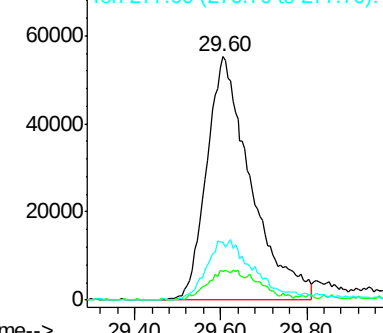


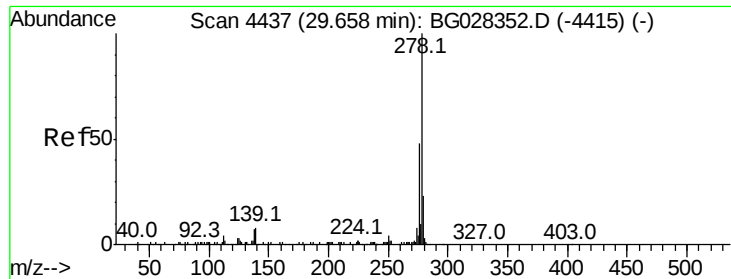
Abundance

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





#90

Dibenzo(a,h)anthracene

Concen: 18.241 ng/ul

RT: 29.66 min Scan# 4438

Delta R.T. 0.00 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Instrument :

BNA_G

ClientSampleId :

SSTD02072

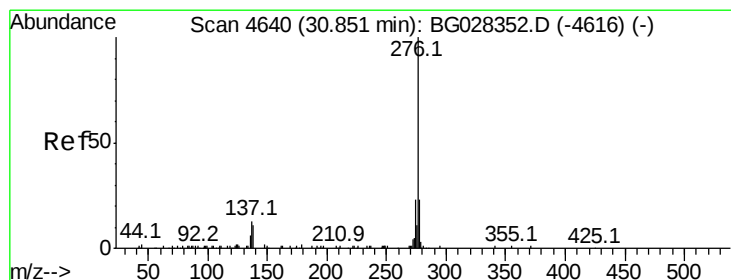
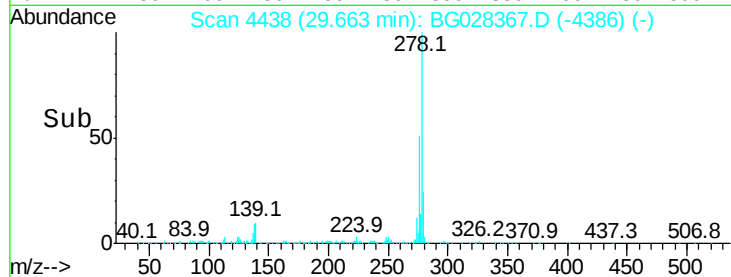
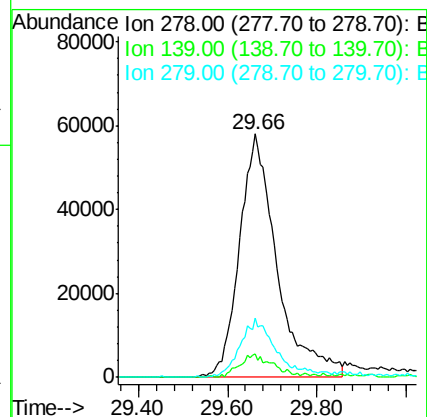
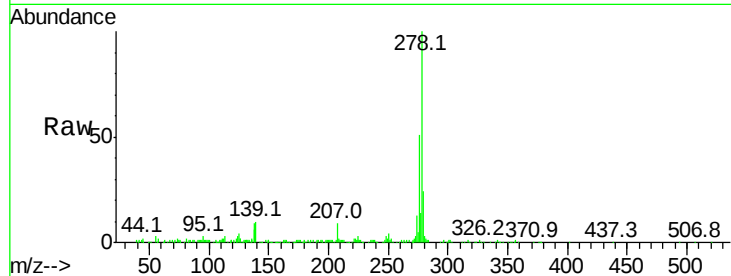
Tot Ion:278 Resp: 338953

Ion Ratio Lower Upper

278 100

139 9.9 6.7 10.1

279 24.3 20.9 31.3



#91

Benzo(g,h,i)perylene

Concen: 15.742 ng/ul

RT: 30.87 min Scan# 4643

Delta R.T. 0.02 min

Lab File: BG028367.D

Acq: 16 Aug 2017 6:36

Tgt Ion:276 Resp: 287114

Ion Ratio Lower Upper

276 100

138 9.8 8.6 12.8

277 20.6 17.6 26.4

