

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028219.D
 Acq On : 9 Aug 2017 10:34
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

Quant Time: Aug 10 01:51:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 08:20:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	30994	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	145557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	114515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	325858	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	371940	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	354421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	5775	8.68	ng/uL	0.00
5) Phenol-d5	7.50	99	60663	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	41460	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	42645	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	52045	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	22621	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	26854	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	52108	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	67597	23.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	211572	20.77	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	231499	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	33867	20.91	ng/ul	0.00
57) Fluorene-d10	15.95	176	184305	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44184	20.87	ng/ul	0.00
70) Anthracene-d10	17.81	188	310501	19.87	ng/ul	0.00
76) Pyrene-d10	20.08	212	360975	18.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	323942	19.52	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.87	88	6297	9.008	ng/uL# 85
4) Benzaldehyde	7.50	77	41122	20.904	ng/ul 98
6) Phenol	7.53	94	63194	18.680	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.77	93	43130	18.716	ng/ul 95
10) 2-Chlorophenol	7.92	128	41286	19.729	ng/ul 93
11) 2-Methylphenol	8.79	108	44205	18.512	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.88	45	101119	18.076	ng/ul 96
14) Acetophenone	9.18	105	76285	18.801	ng/ul 93
15) N-Nitroso-di-n-propylamine	9.15	70	44757	19.409	ng/ul 96
16) 4-Methylphenol	9.12	108	51528	19.111	ng/ul 93
17) Hexachloroethane	9.45	117	17505	20.187	ng/ul 96
20) Nitrobenzene	9.57	77	64204	19.486	ng/ul 94
21) Isophorone	10.08	82	125691	20.079	ng/ul 96
23) 2-Nitrophenol	10.29	139	24932	19.790	ng/ul# 81
24) 2,4-Dimethylphenol	10.33	107	64543	20.611	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.56	93	66616	19.537	ng/ul 95
27) 2,4-Dichlorophenol	10.82	162	48440	20.609	ng/ul 92
28) Naphthalene	11.23	128	147173	20.415	ng/ul 98
30) 4-Chloroaniline	11.33	127	61631	22.122	ng/ul 90
31) Hexachlorobutadiene	11.50	225	35948	20.720	ng/ul 97
32) Caprolactam	12.08	113	22455	22.974	ng/ul# 64
33) 4-Chloro-3-methylphenol	12.43	107	66658	22.218	ng/ul 95
34) 2-Methylnaphthalene	12.81	142	119472	20.633	ng/ul 99

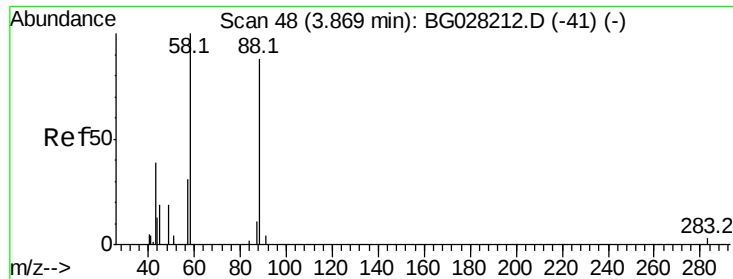
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028219.D
 Acq On : 9 Aug 2017 10:34
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	72728	19.703	ng/ul#	95
37) Hexachlorocyclopentadiene	13.15	237	33992	16.690	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	49846	21.667	ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	53179	21.207	ng/ul	97
40) 1,1'-Biphenyl	13.80	154	165674	19.809	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	125553	18.996	ng/ul	99
42) 2-Nitroaniline	14.05	65	59220	21.370	ng/ul	92
44) Dimethylphthalate	14.41	163	189160	20.170	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	41504	21.435	ng/ul	93
47) Acenaphthylene	14.69	152	215874	19.671	ng/ul	98
48) 3-Nitroaniline	14.87	138	40272	23.098	ng/ul	91
49) Acenaphthene	15.03	153	147800	19.961	ng/ul	98
50) 2,4-Dinitrophenol	15.07	184	23354	21.407	ng/ul#	79
52) 4-Nitrophenol	15.16	109	35436	21.118	ng/ul#	76
53) Dibenzofuran	15.36	168	220632	20.437	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	64071	21.834	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.59	232	52404	22.439	ng/ul#	92
56) Diethylphthalate	15.76	149	221861	20.166	ng/ul	99
58) Fluorene	16.01	166	195546	20.459	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.99	204	103749	20.232	ng/ul	90
60) 4-Nitroaniline	16.03	138	44087	21.313	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.08	198	43936	20.469	ng/ul#	93
64) N-Nitrosodiphenylamine	16.20	169	170505	19.889	ng/ul	95
65) 4-Bromophenyl-phenylether	16.89	248	70548	20.143	ng/ul	98
66) Hexachlorobenzene	17.02	284	76255	20.452	ng/ul	98
67) Atrazine	17.14	200	77632	20.771	ng/ul	96
68) Pentachlorophenol	17.36	266	38443	20.356	ng/ul	92
69) Phenanthrene	17.75	178	326544	19.913	ng/ul	99
71) Anthracene	17.85	178	342945	20.462	ng/ul	98
72) Carbazole	18.11	167	294649	20.214	ng/ul	99
73) Di-n-butylphthalate	18.64	149	371923	20.497	ng/ul	97
74) Fluoranthene	19.75	202	414021	20.774	ng/ul	99
77) Pyrene	20.11	202	426169	19.205	ng/ul	98
78) Butylbenzylphthalate	20.98	149	166609	20.041	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.93	252	142031	19.793	ng/ul#	99
80) Benzo(a)anthracene	22.02	228	424532	19.754	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.88	149	235965	19.959	ng/ul#	98
82) Chrysene	22.09	228	381513	19.712	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	401803	18.917	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	425084	20.043	ng/ul	98
86) Benzo(k)fluoranthene	24.49	252	397926	19.208	ng/ul	99
88) Benzo(a)pyrene	25.38	252	396423	19.305	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.58	276	472104	19.632	ng/ul	99
90) Dibenzo(a,h)anthracene	29.63	278	396466	19.670	ng/ul	96
91) Benzo(g,h,i)perylene	30.83	276	385746	19.499	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 9.008 ng/uL

RT: 3.87 min Scan# 48

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

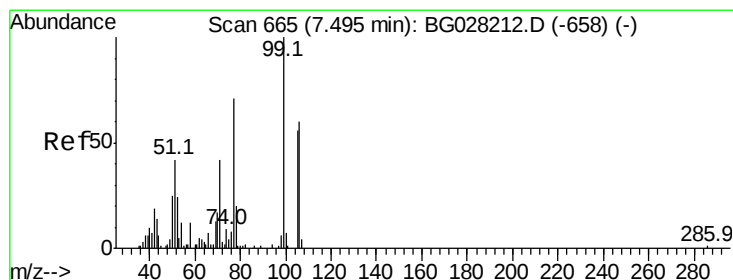
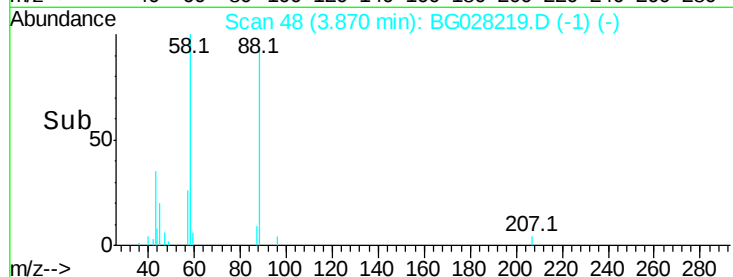
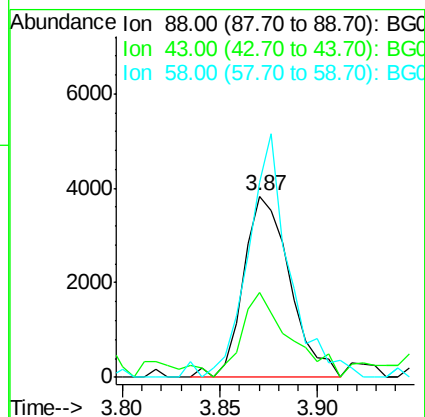
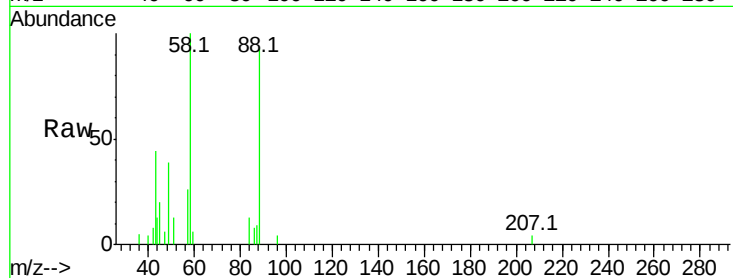
Tot Ion: 88 Resp: 6297

Ion Ratio Lower Upper

88 100

43 47.0 39.2 58.8

58 107.2 69.4 104.0#



#4

Benzaldehyde

Concen: 20.904 ng/uL

RT: 7.50 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

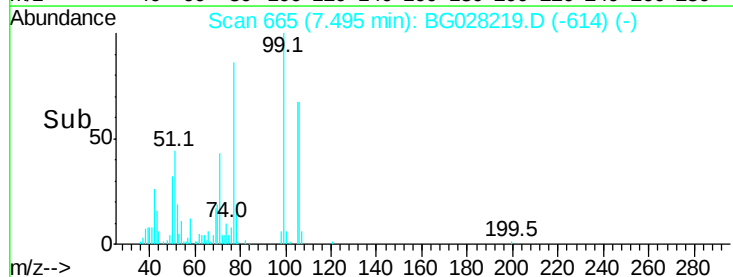
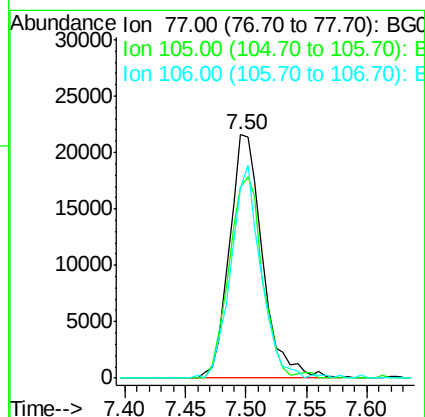
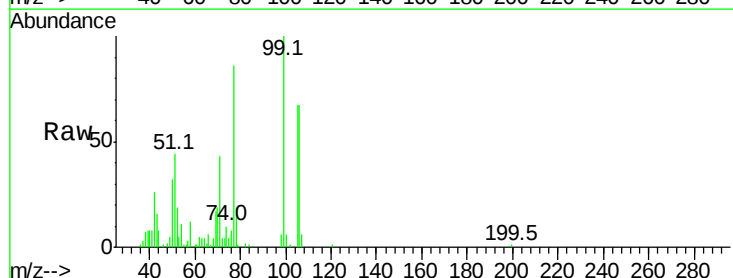
Tgt Ion: 77 Resp: 41122

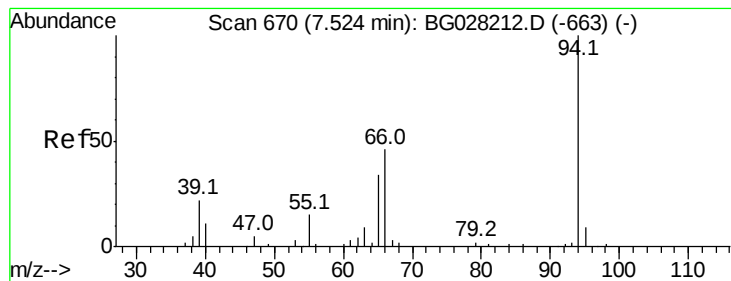
Ion Ratio Lower Upper

77 100

105 78.7 62.0 93.0

106 77.9 60.2 90.4





#6

Phenol

Concen: 18.680 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

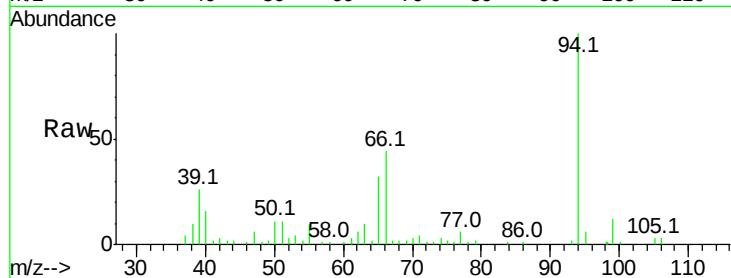
Tot Ion: 94 Resp: 63194

Ion Ratio Lower Upper

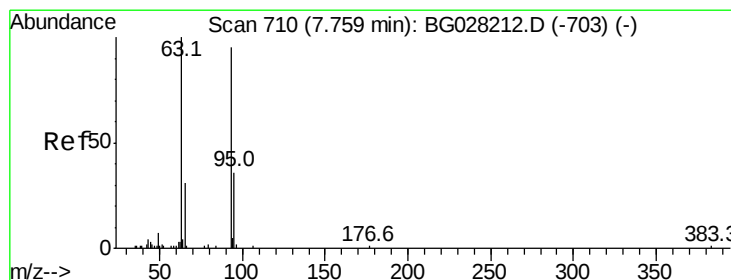
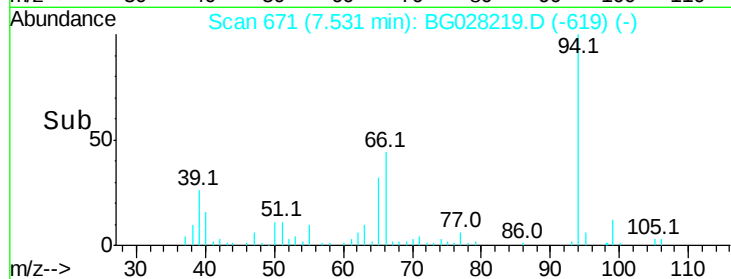
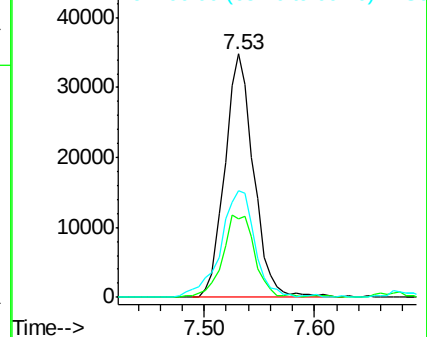
94 100

65 32.0 26.8 40.2

66 43.7 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: 18.716 ng/ul

RT: 7.77 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

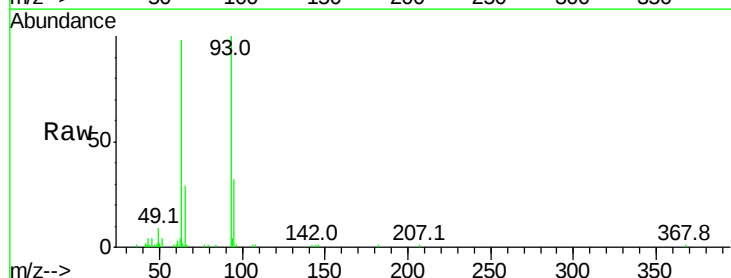
Tgt Ion: 93 Resp: 43130

Ion Ratio Lower Upper

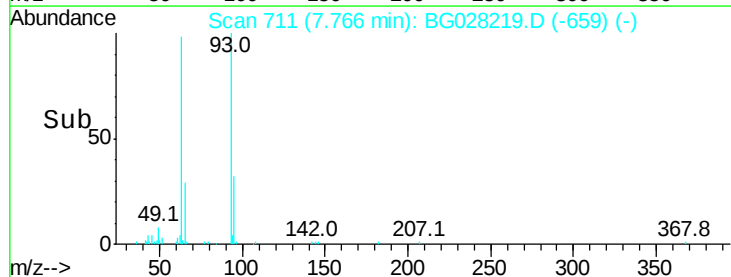
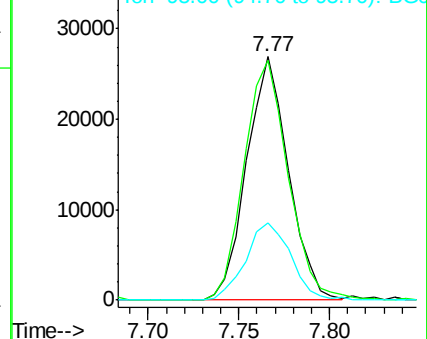
93 100

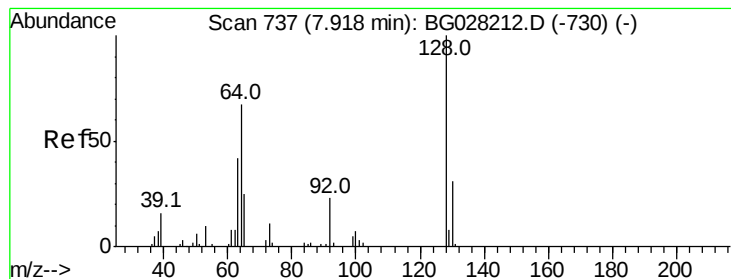
63 98.5 75.5 113.3

95 31.6 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: 19.729 ng/ul

RT: 7.92 min Scan# 738

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

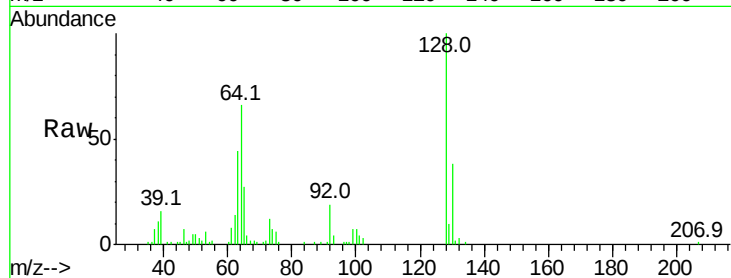
Tot Ion:128 Resp: 41286

Ion Ratio Lower Upper

128 100

64 65.5 56.3 84.5

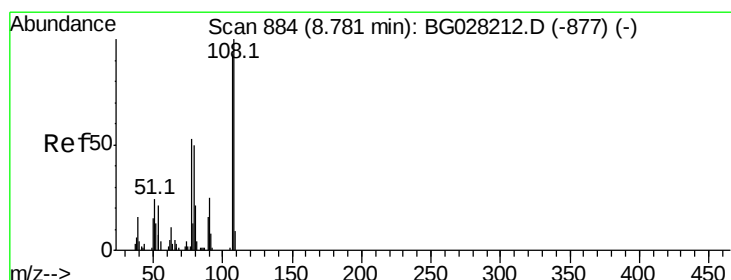
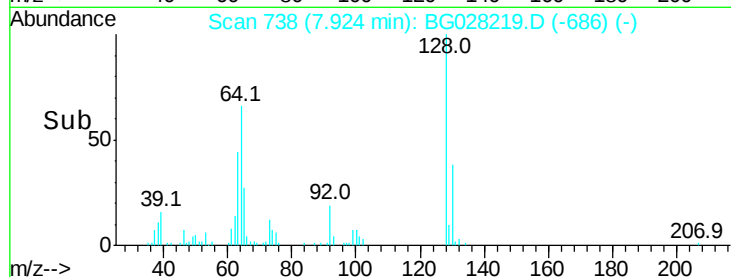
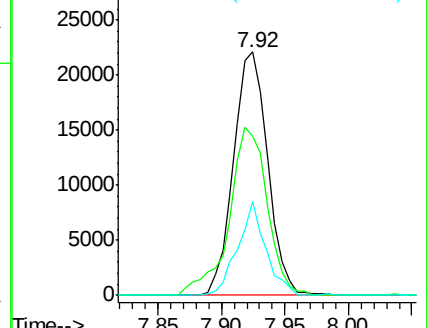
130 38.4 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.512 ng/ul

RT: 8.79 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG028219.D

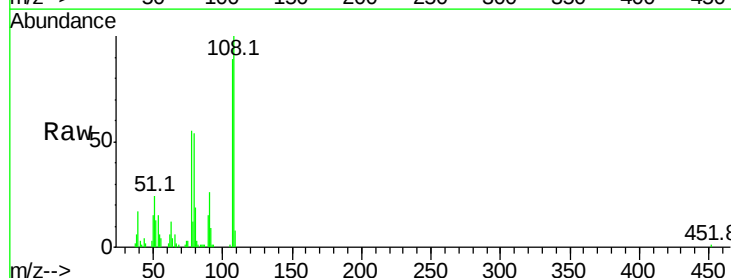
Acq: 9 Aug 2017 10:34

Tgt Ion:108 Resp: 44205

Ion Ratio Lower Upper

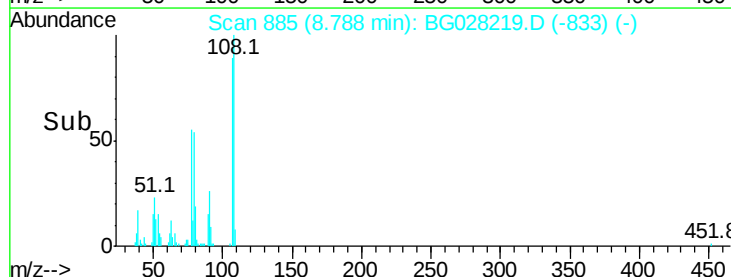
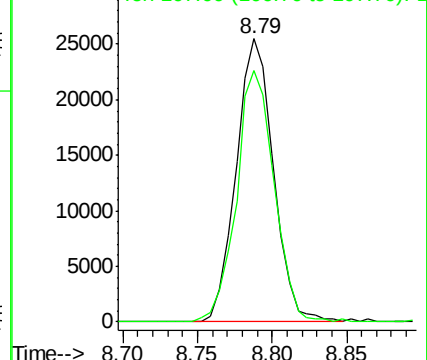
108 100

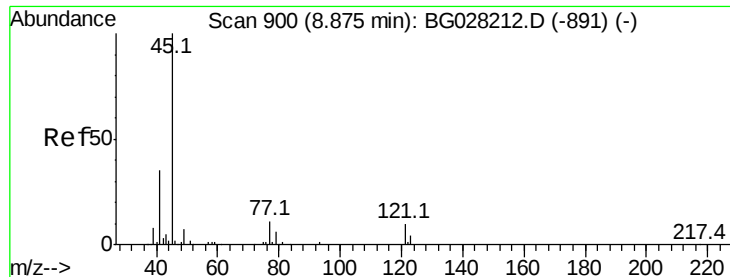
107 88.7 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

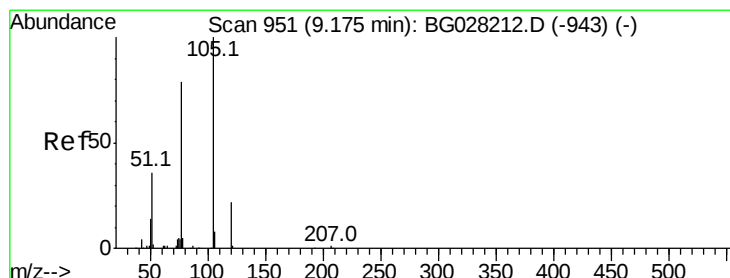
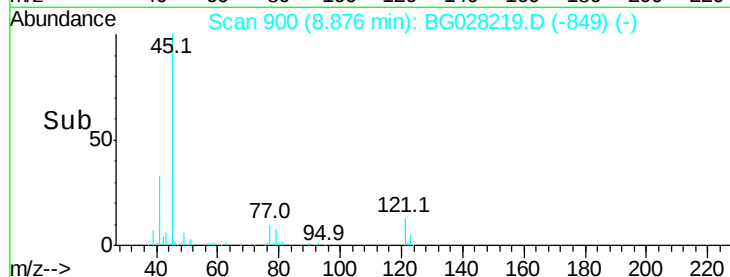
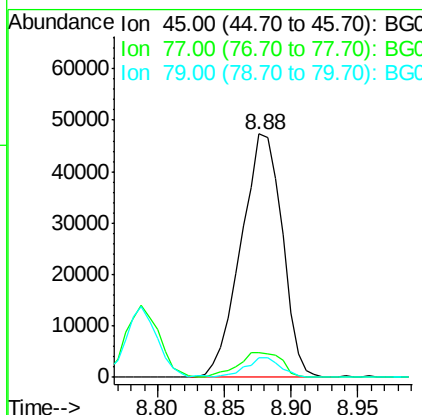
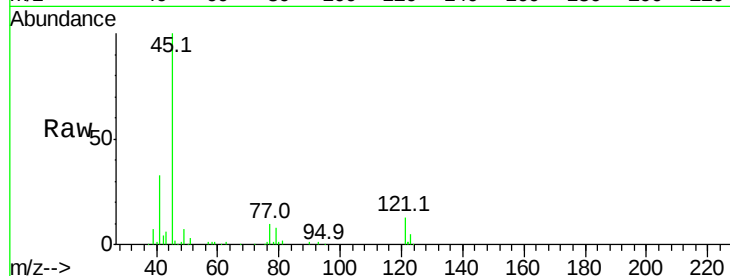




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.076 ng/ul
RT: 8.88 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

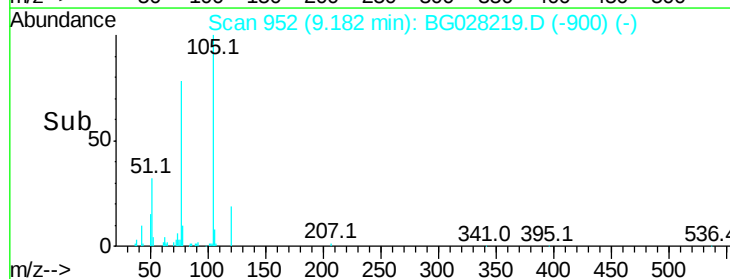
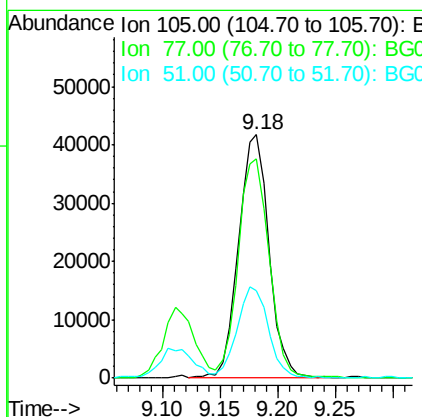
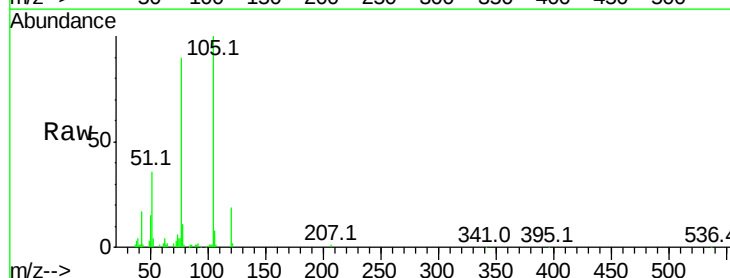
Instrument :
BNA_G
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SSTD02056

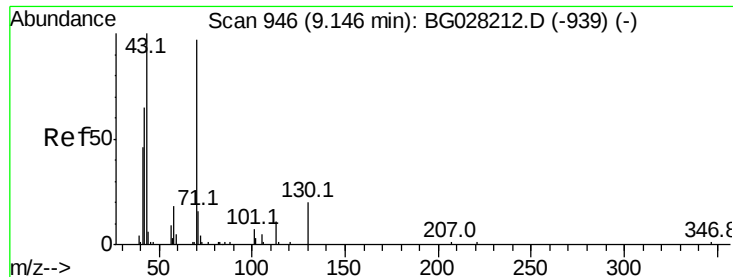
Tot Ion: 45 Resp: 101119
Ion Ratio Lower Upper
45 100
77 10.2 10.0 15.0
79 8.2 7.3 10.9



#14
Acetophenone
Concen: 18.801 ng/ul
RT: 9.18 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion: 105 Resp: 76285
Ion Ratio Lower Upper
105 100
77 89.9 76.0 114.0
51 35.7 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.409 ng/ul

RT: 9.15 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

Tot Ion: 70 Resp: 44757

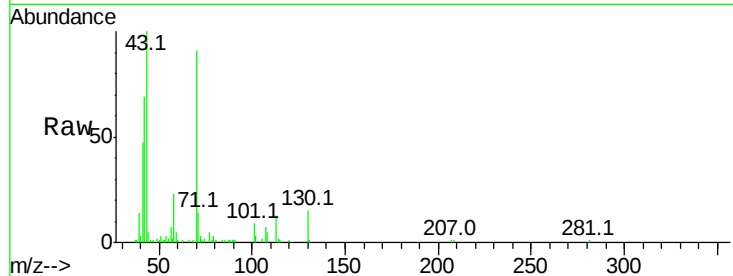
Ion	Ratio	Lower	Upper
70	100		
42	76.3	59.0	88.6
101	9.7	6.6	9.8
130	16.6	15.6	23.4

70 100

42 76.3 59.0 88.6

101 9.7 6.6 9.8

130 16.6 15.6 23.4

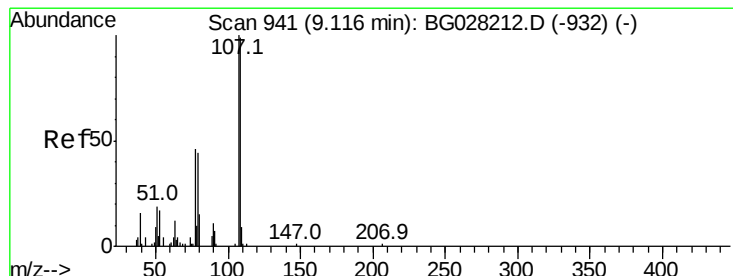
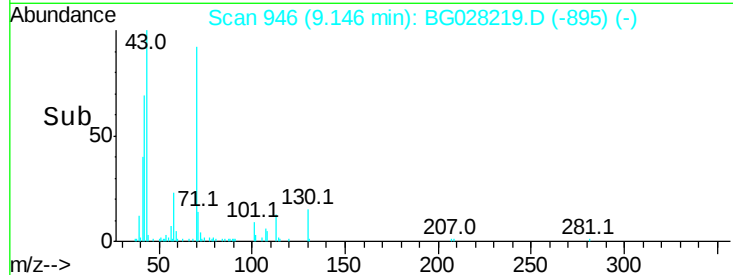
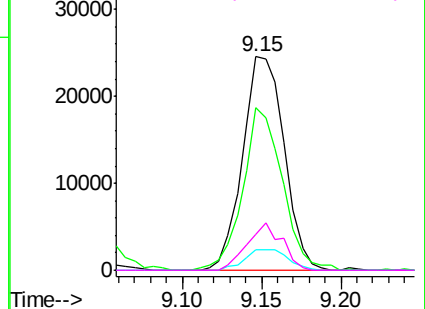


Abundance Ion 70.00 (69.70 to 70.70): BG0

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: 19.111 ng/ul

RT: 9.12 min Scan# 941

Delta R.T. 0.00 min

Lab File: BG028219.D

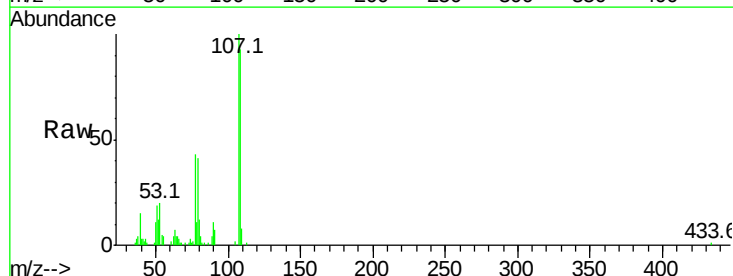
Acq: 9 Aug 2017 10:34

Tgt Ion: 108 Resp: 51528

Ion	Ratio	Lower	Upper
108	100		
107	107.2	91.7	137.5

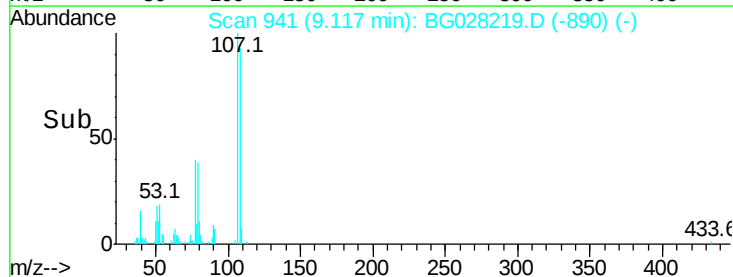
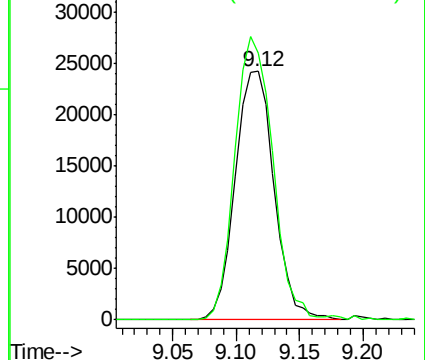
108 100

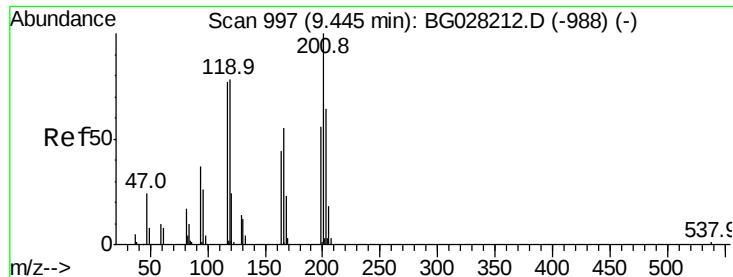
107 107.2 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 20.187 ng/ul

RT: 9.45 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

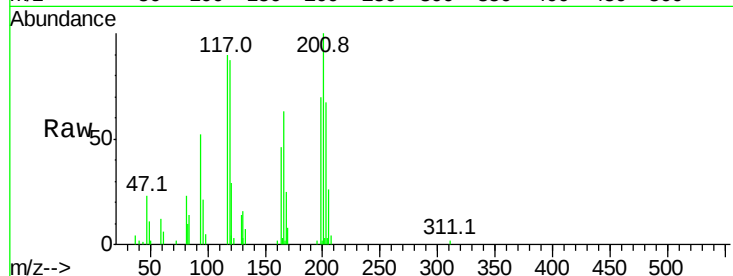
Tot Ion:117 Resp: 17505

Ion Ratio Lower Upper

117 100

201 110.8 91.9 137.9

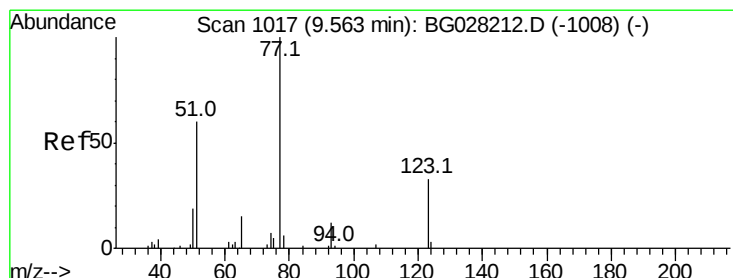
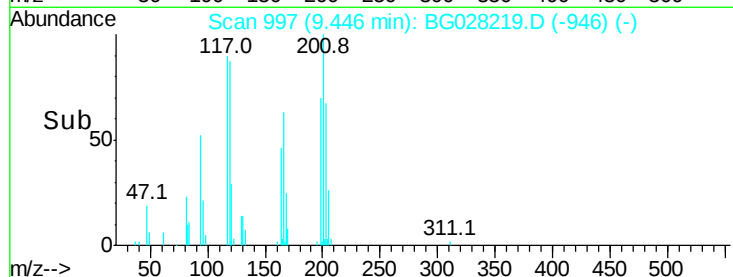
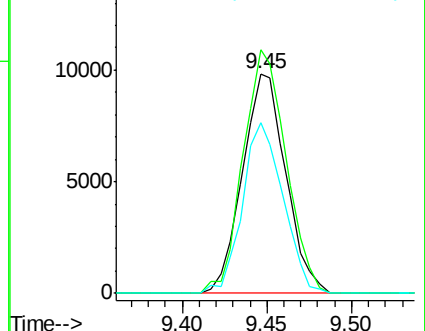
199 77.4 64.3 96.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.486 ng/ul

RT: 9.57 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

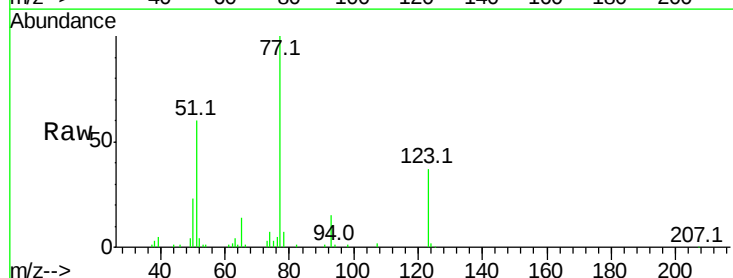
Tgt Ion: 77 Resp: 64204

Ion Ratio Lower Upper

77 100

123 37.1 27.4 41.0

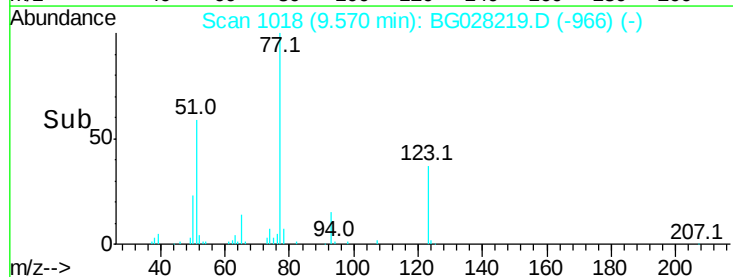
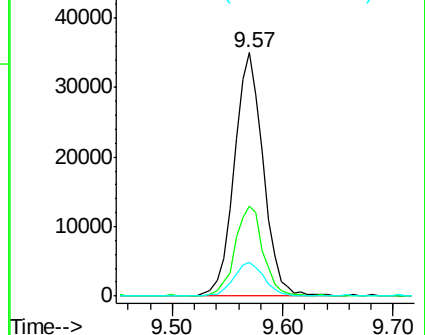
65 13.8 13.3 19.9

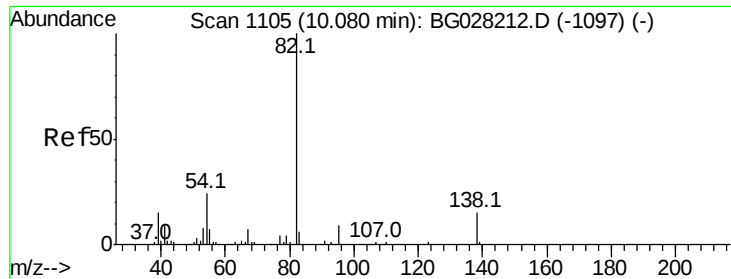


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.079 ng/ul

RT: 10.08 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

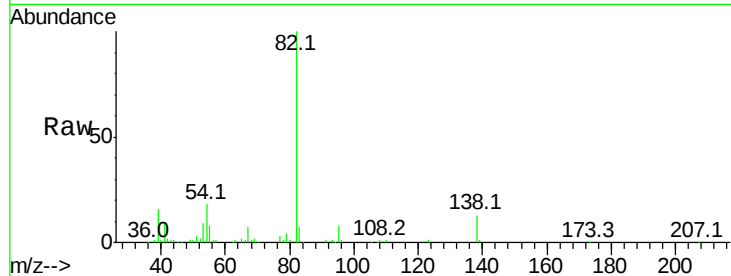
Tot Ion: 82 Resp: 125691

Ion Ratio Lower Upper

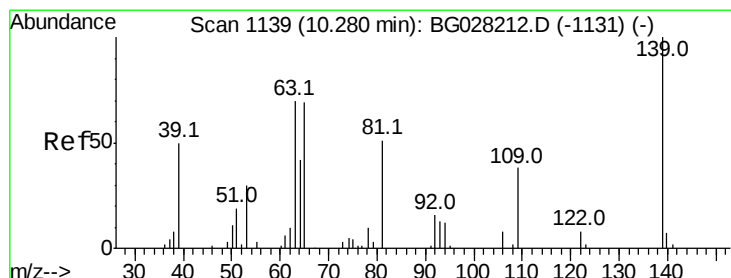
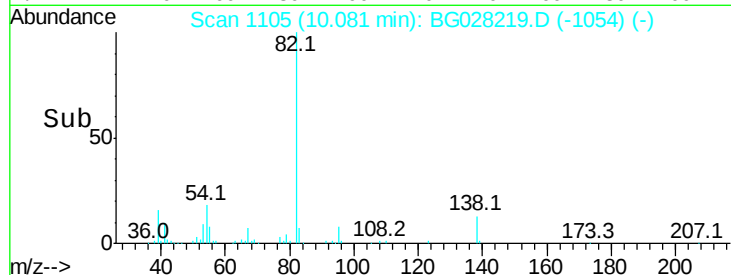
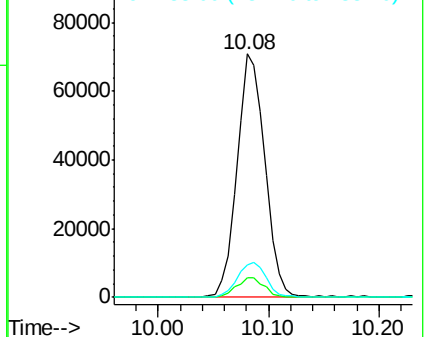
82 100

95 8.2 7.8 11.6

138 13.3 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: 19.790 ng/ul

RT: 10.29 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

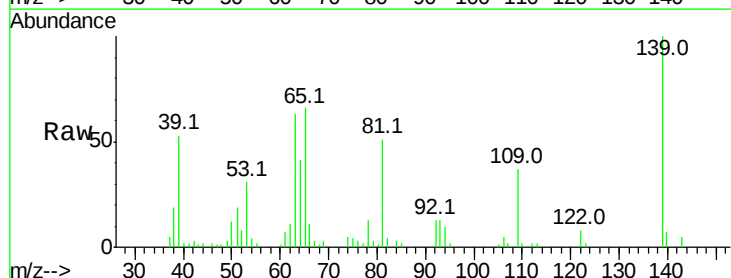
Tgt Ion: 139 Resp: 24932

Ion Ratio Lower Upper

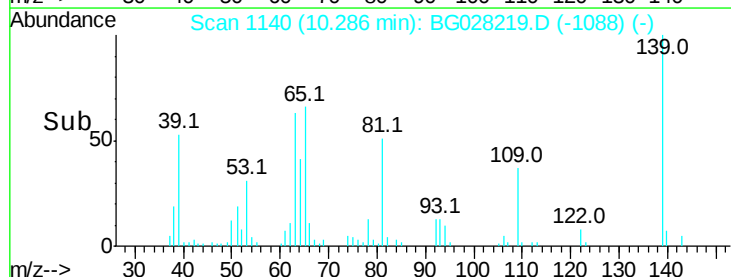
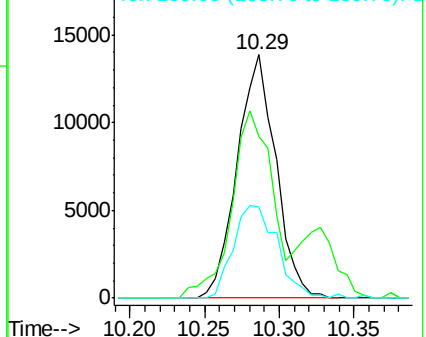
139 100

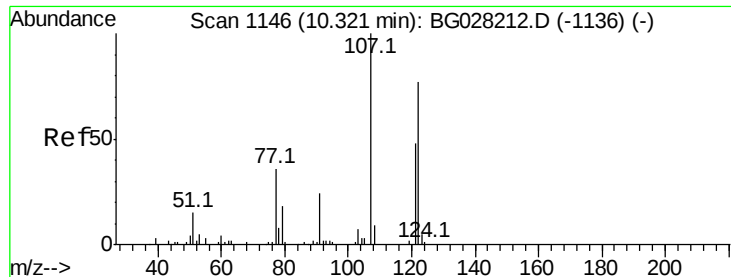
65 66.2 67.0 100.6#

109 37.4 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: 20.611 ng/ul

RT: 10.33 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

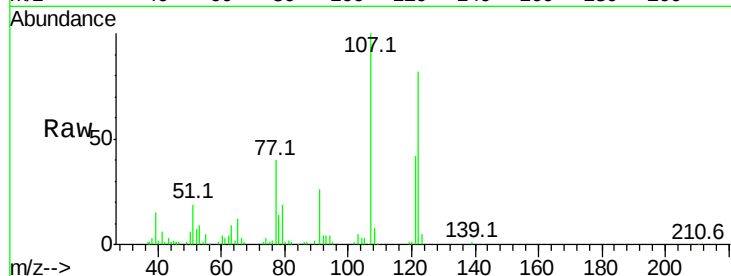
Tot Ion:107 Resp: 64543

Ion Ratio Lower Upper

107 100

121 41.6 32.3 48.5

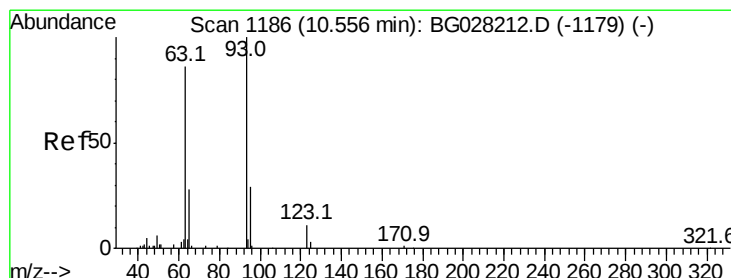
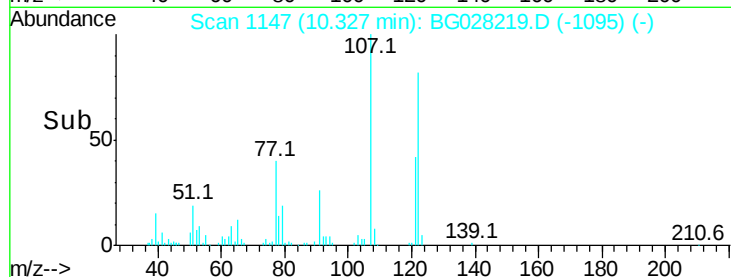
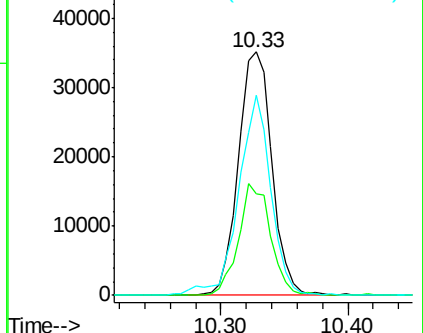
122 82.3 61.2 91.8



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: 19.537 ng/ul

RT: 10.56 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

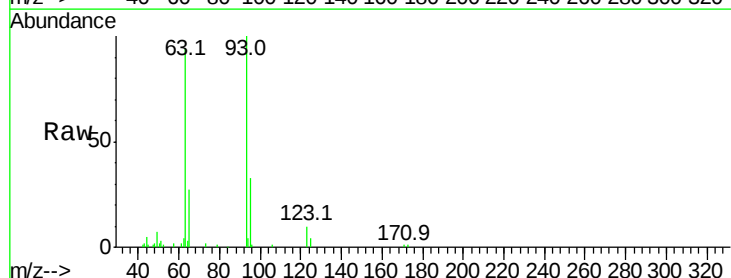
Tgt Ion: 93 Resp: 66616

Ion Ratio Lower Upper

93 100

95 33.0 23.4 35.0

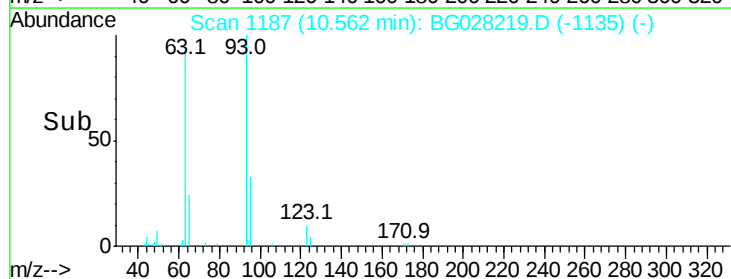
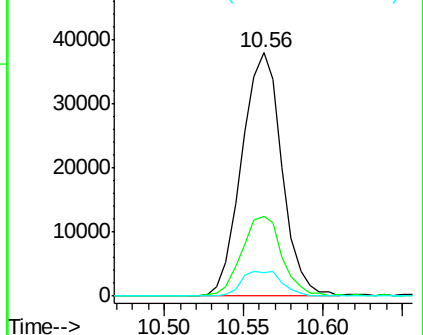
123 9.6 7.8 11.6

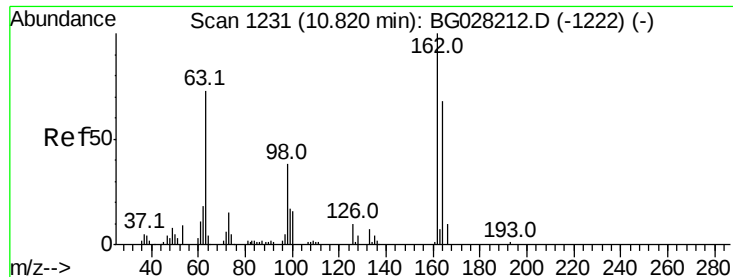


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.609 ng/ul

RT: 10.82 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

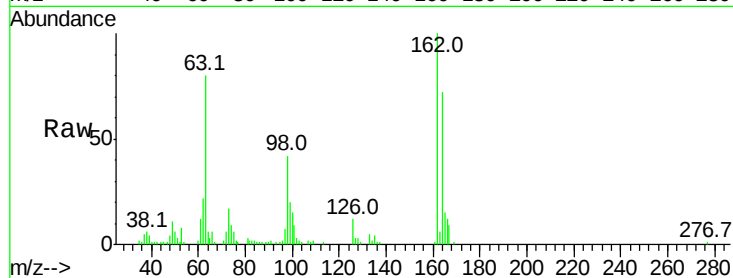
Tot Ion:162 Resp: 48440

Ion Ratio Lower Upper

162 100

164 72.4 50.8 76.2

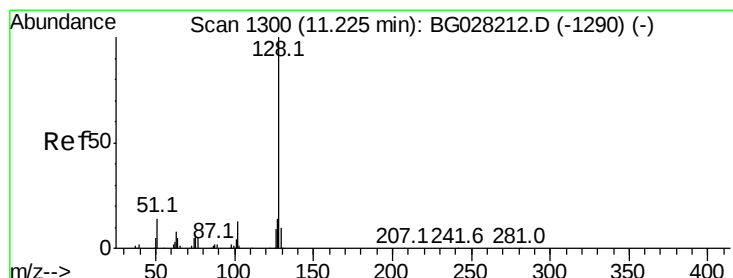
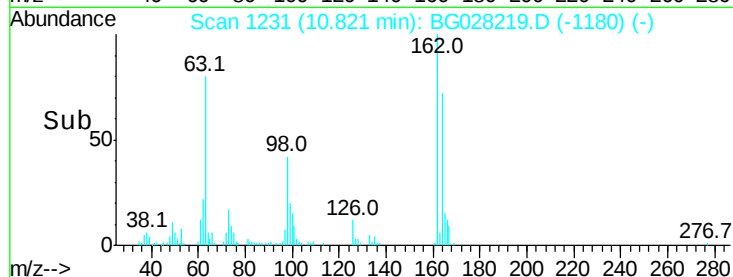
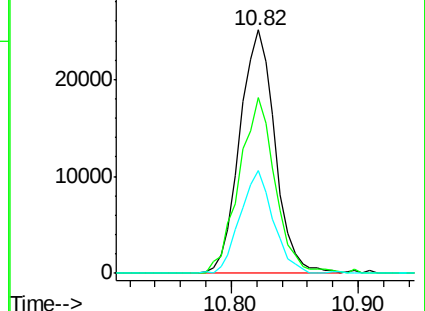
98 42.3 32.1 48.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 20.415 ng/ul

RT: 11.23 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

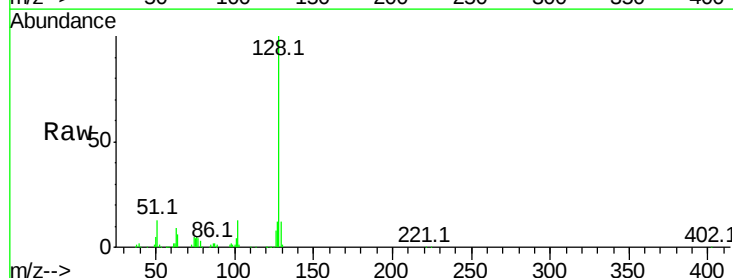
Tgt Ion:128 Resp: 147173

Ion Ratio Lower Upper

128 100

129 12.3 9.4 14.2

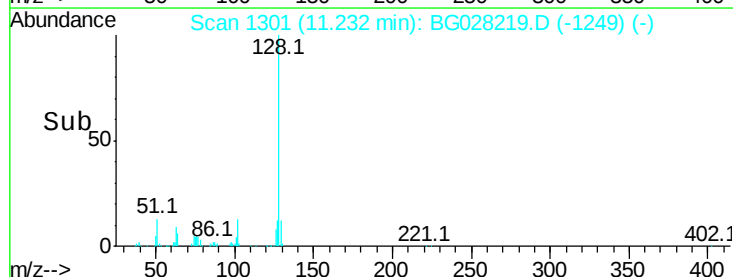
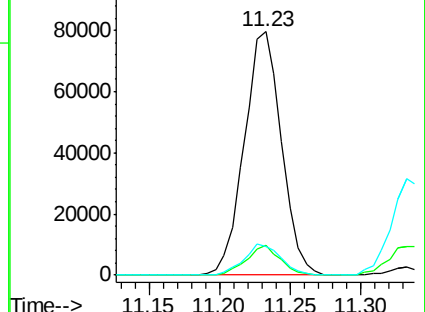
127 11.5 10.3 15.5

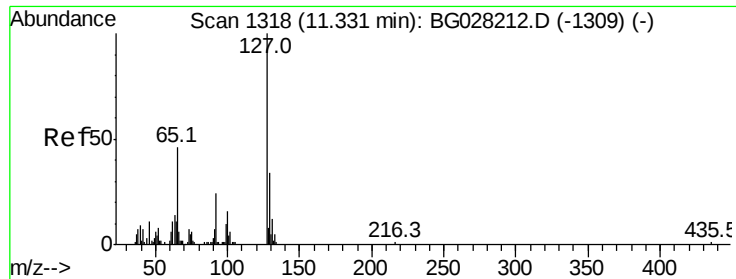


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

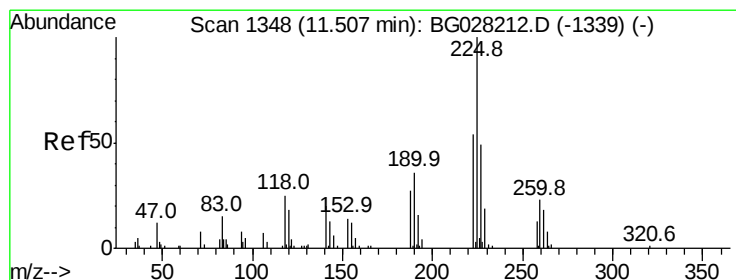
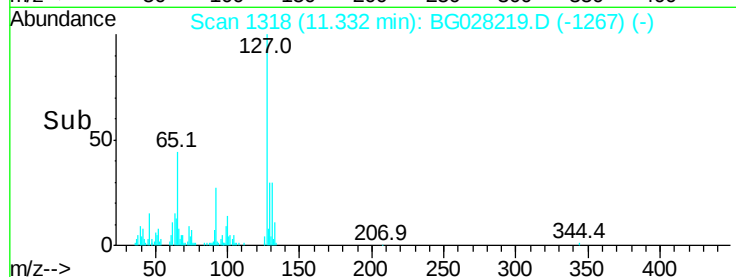
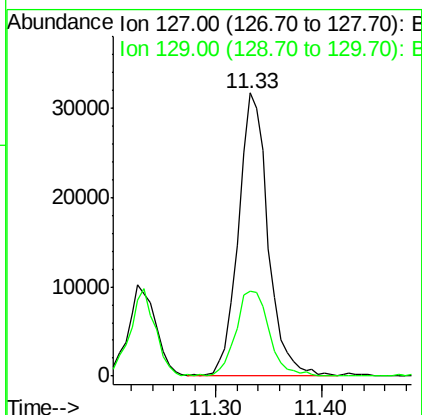
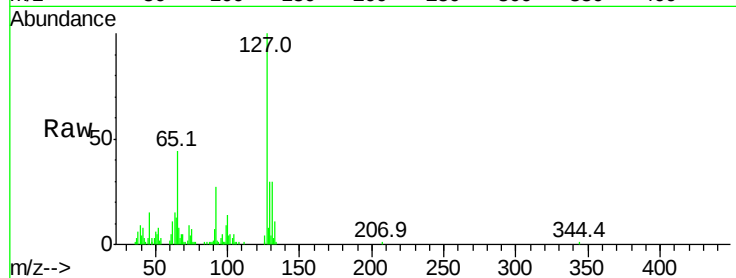




#30
4-Chloroaniline
Concen: 22.122 ng/ul
RT: 11.33 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

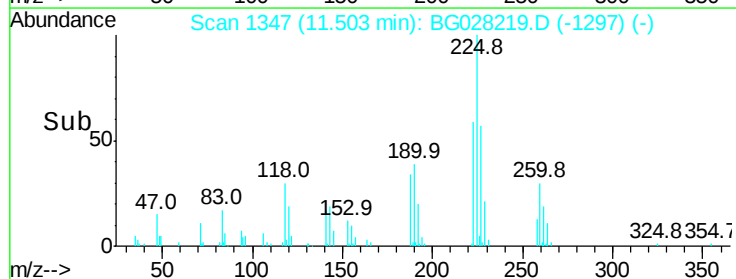
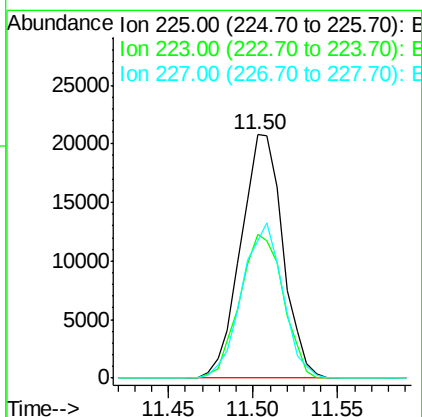
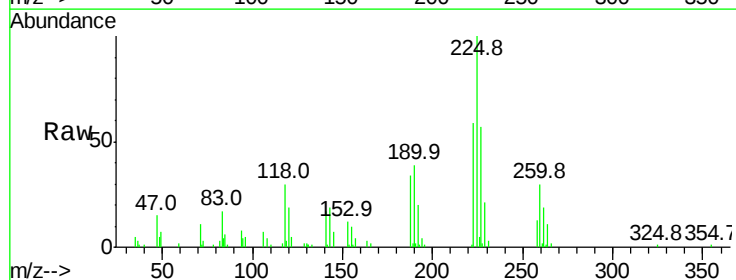
Instrument :
BNA_G
ClientSampleId :
SSTD02056

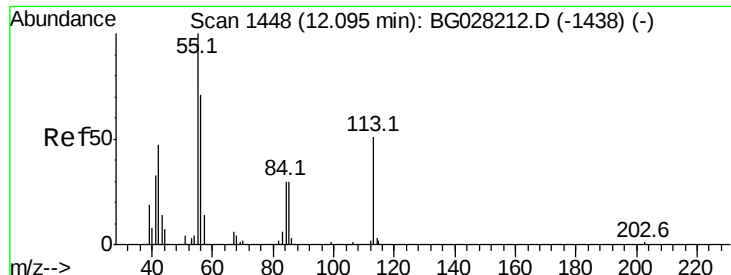
Tot Ion:127 Resp: 61631
Ion Ratio Lower Upper
127 100
129 29.9 28.9 43.3



#31
Hexachlorobutadiene
Concen: 20.720 ng/ul
RT: 11.50 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion:225 Resp: 35948
Ion Ratio Lower Upper
225 100
223 59.1 45.9 68.9
227 59.0 44.7 67.1





#32

Caprolactam

Concen: 22.974 ng/ul

RT: 12.08 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

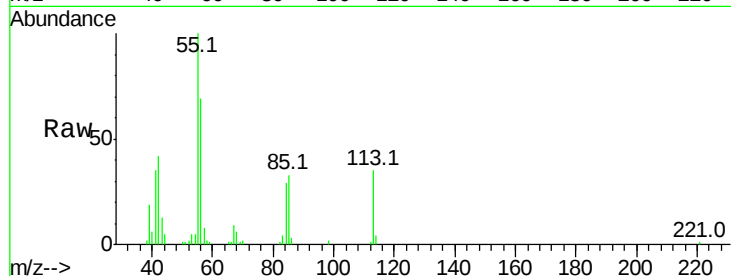
Tot Ion:113 Resp: 22455

Ion Ratio Lower Upper

113 100

55 281.7 168.6 252.8#

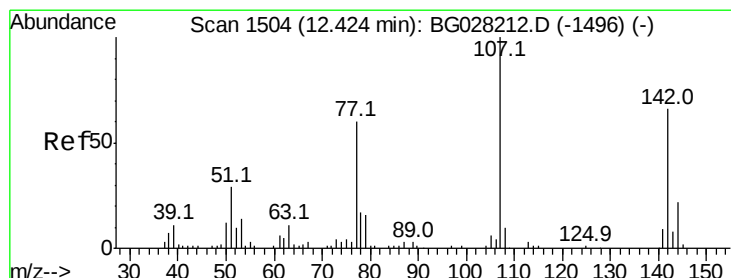
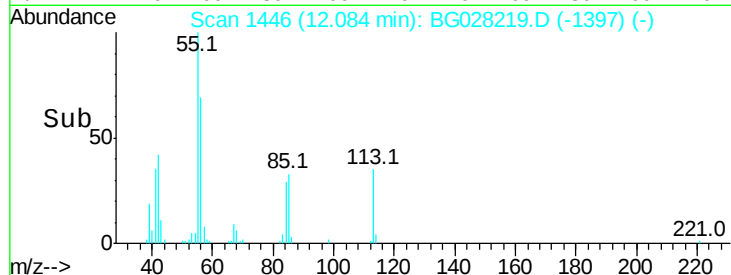
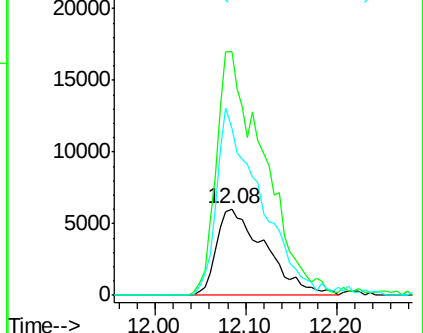
56 193.3 128.5 192.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 22.218 ng/ul

RT: 12.43 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

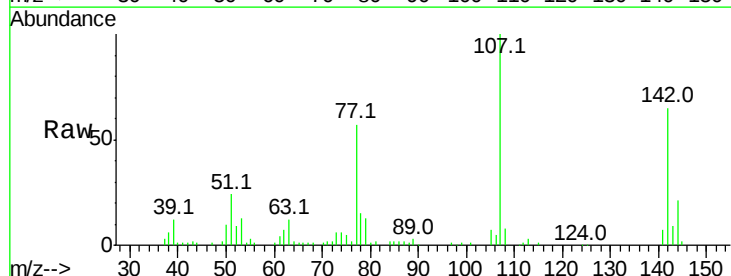
Tgt Ion:107 Resp: 66658

Ion Ratio Lower Upper

107 100

144 20.6 18.2 27.4

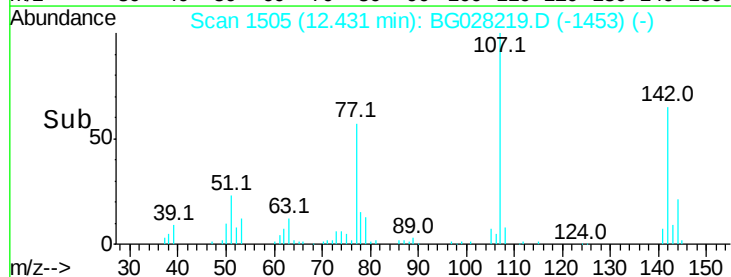
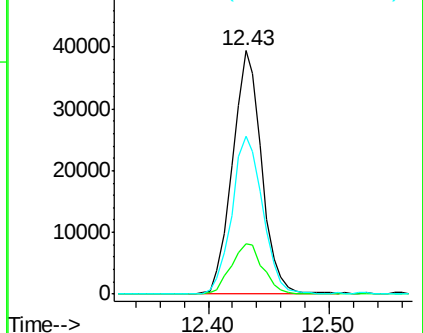
142 64.7 55.0 82.4

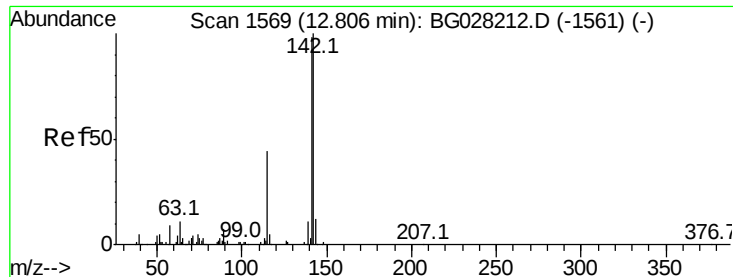


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

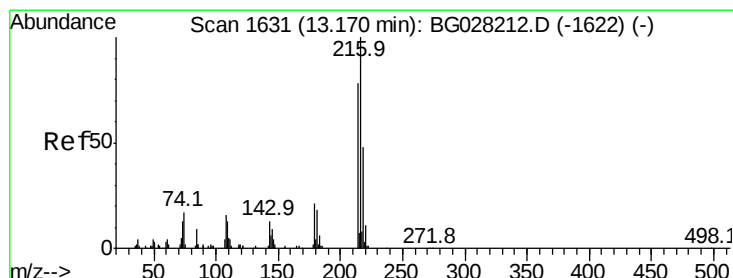
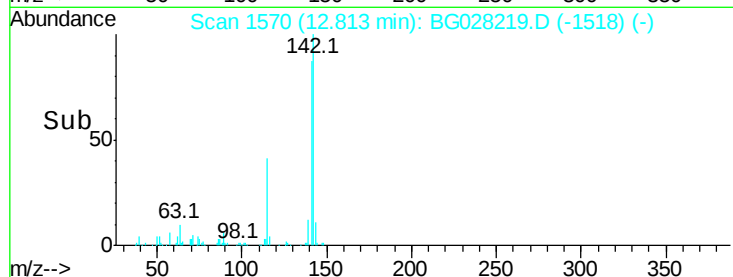
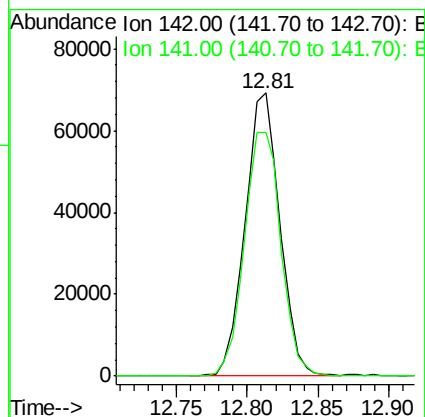
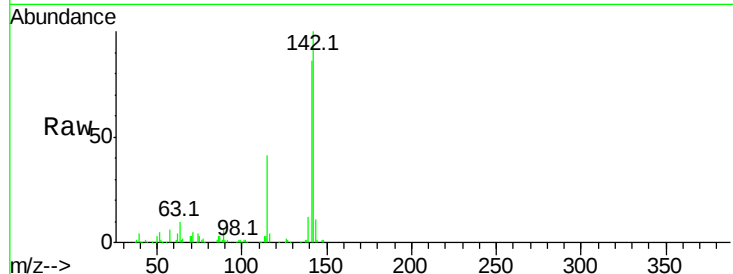




#34
 2-Methylnaphthalene
 Concen: 20.633 ng/ul
 RT: 12.81 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

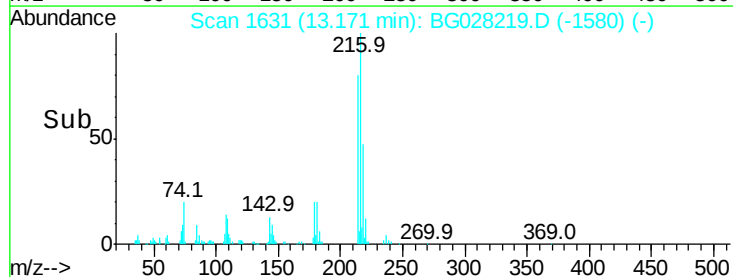
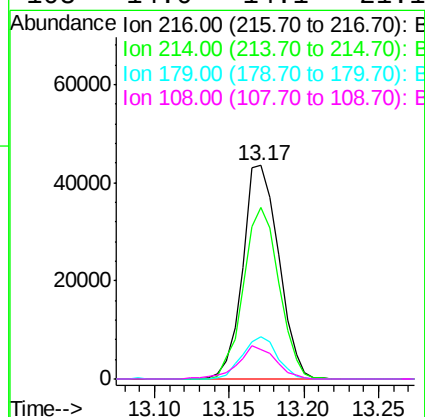
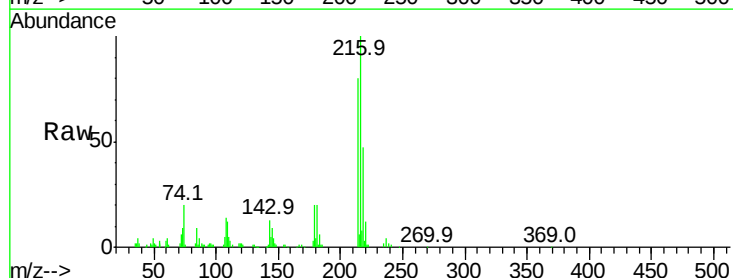
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

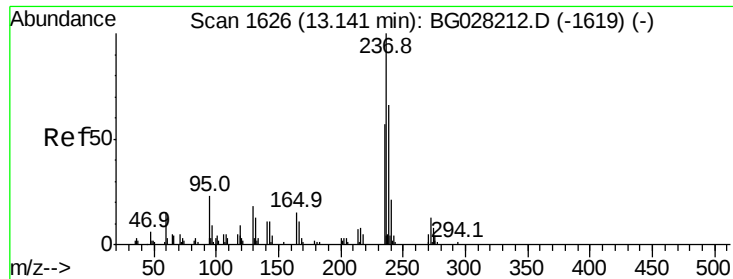
Tot Ion:142 Resp: 119472
 Ion Ratio Lower Upper
 142 100
 141 86.2 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.703 ng/ul
 RT: 13.17 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

Tgt Ion:216 Resp: 72728
 Ion Ratio Lower Upper
 216 100
 214 80.2 67.0 100.6
 179 19.5 18.1 27.1
 108 14.0 14.1 21.1#

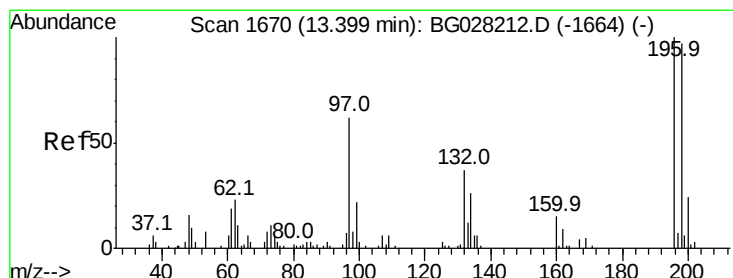
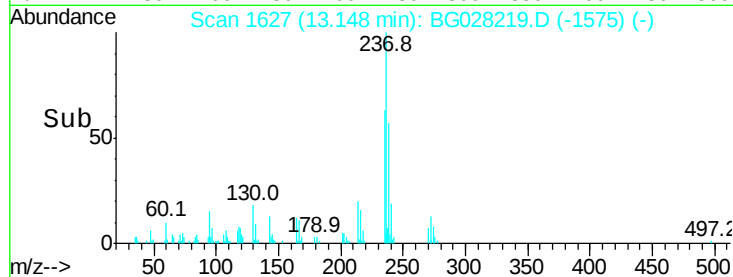
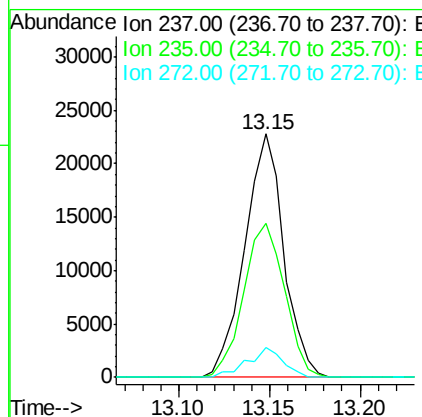
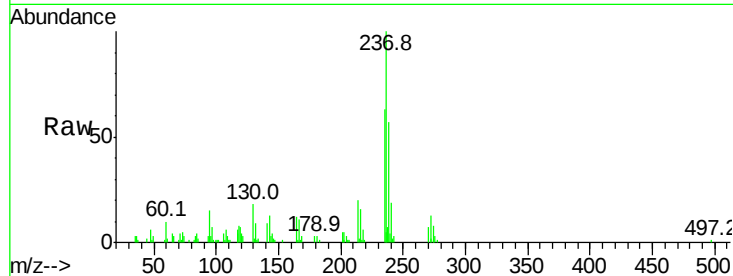




#37
Hexachlorocyclopentadiene
Concen: 16.690 ng/ul
RT: 13.15 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

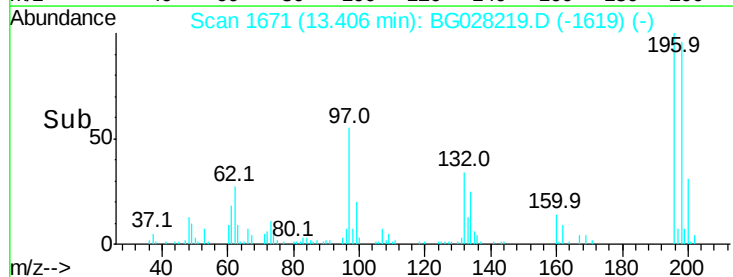
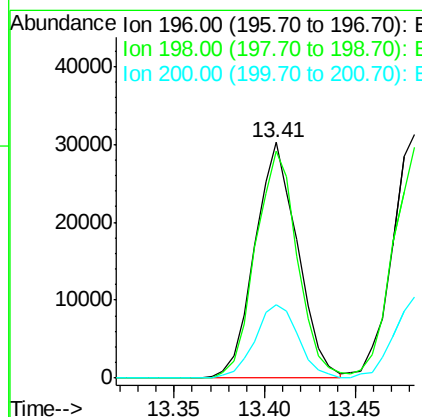
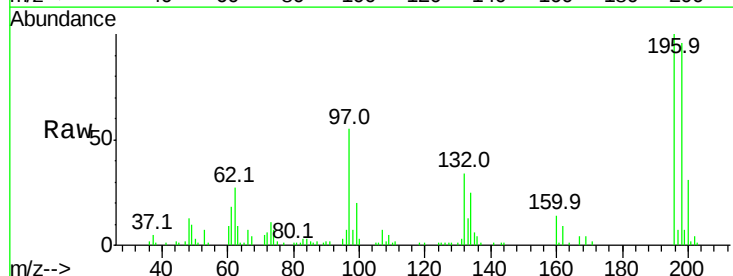
Instrument :
BNA_G
ClientSampleId :
SSTD02056

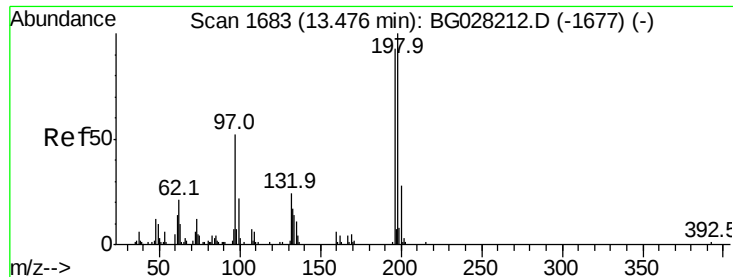
Tot Ion:237 Resp: 33992
Ion Ratio Lower Upper
237 100
235 63.3 50.2 75.4
272 14.0 10.6 16.0



#38
2,4,6-Trichlorophenol
Concen: 21.667 ng/ul
RT: 13.41 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion:196 Resp: 49846
Ion Ratio Lower Upper
196 100
198 96.3 71.4 107.2
200 31.4 24.6 37.0

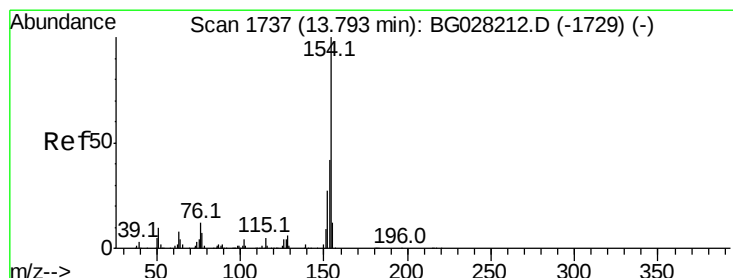
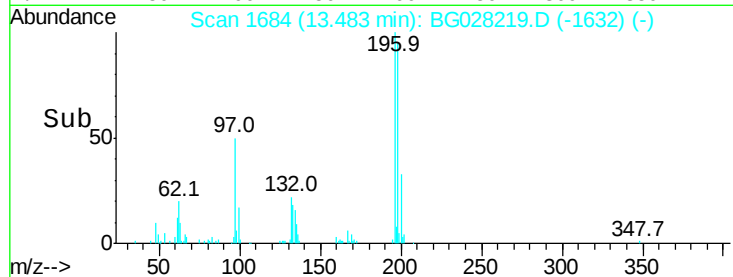
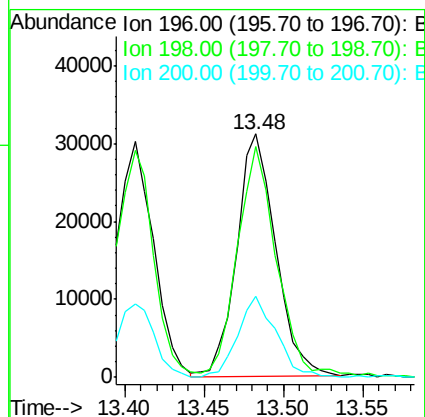
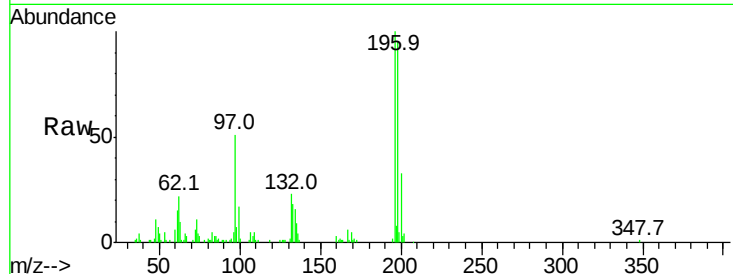




#39
 2,4,5-Trichlorophenol
 Concen: 21.207 ng/ul
 RT: 13.48 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

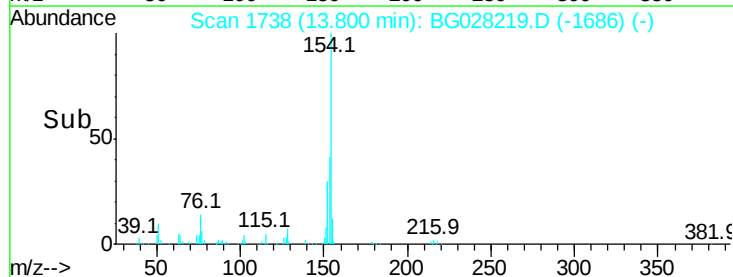
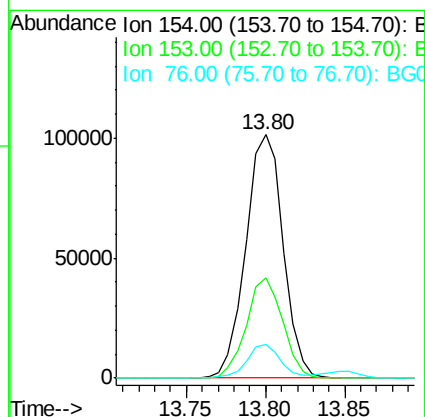
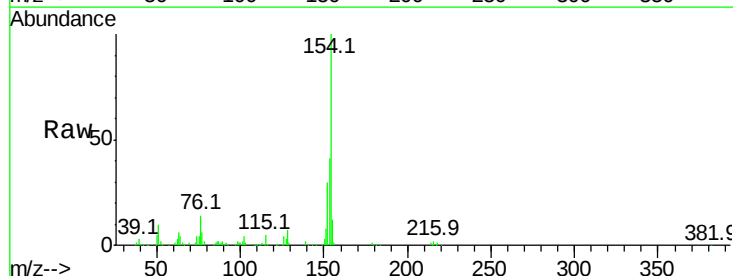
Instrument :
 BNA_G
 ClientSampleId :
 SST02056

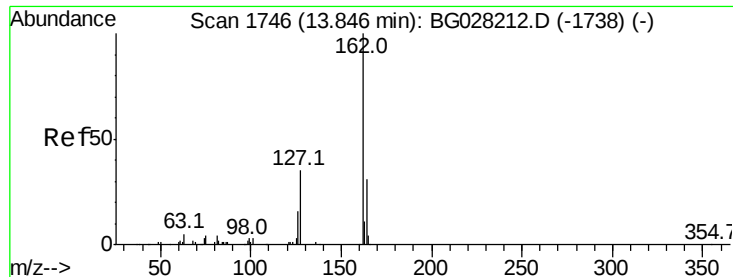
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.6	118.0
200	33.1	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 19.809 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. 0.01 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.2	48.2
76	13.8	9.6	14.4

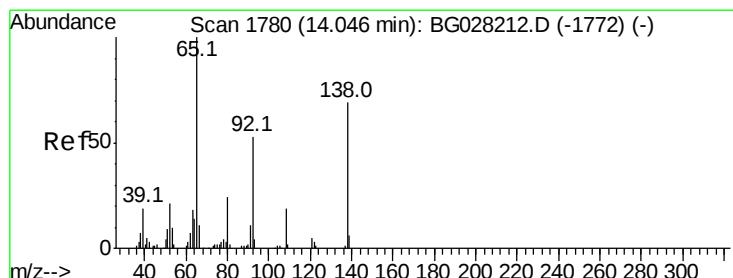
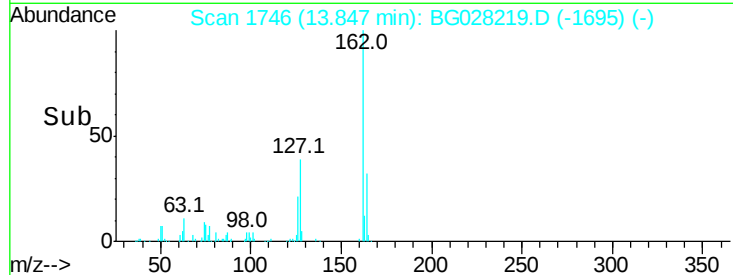
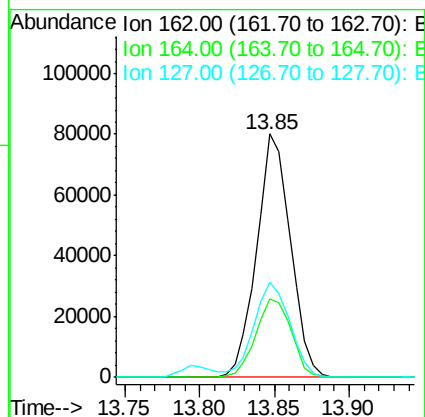
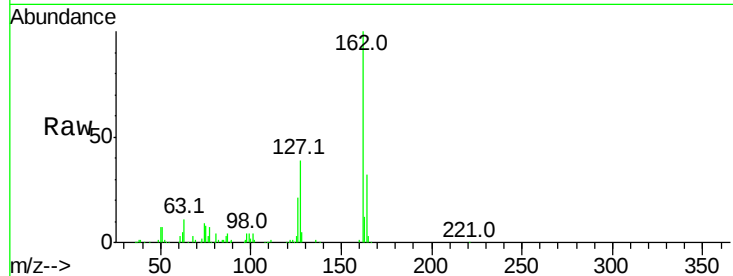




#41
2-Chloronaphthalene
Concen: 18.996 ng/ul
RT: 13.85 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

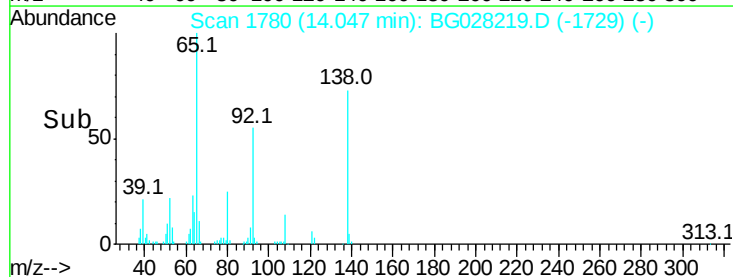
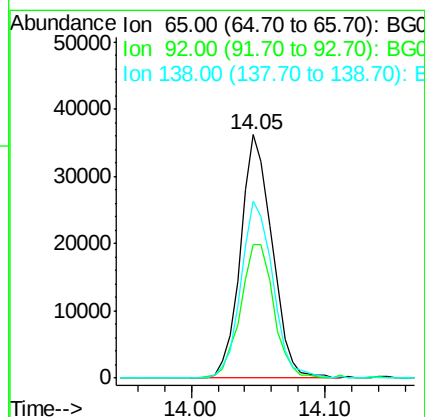
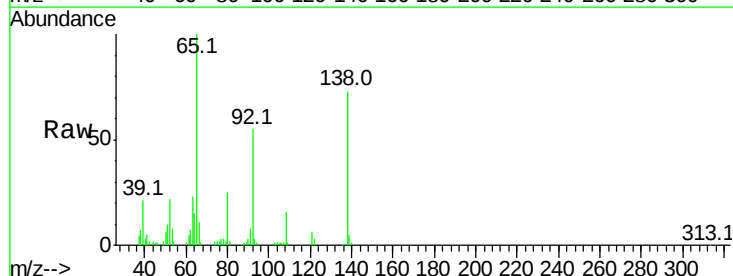
Instrument :
BNA_G
ClientSampleId :
SSTD02056

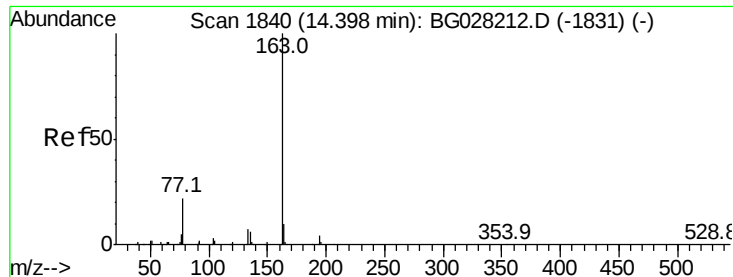
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.3	25.0	37.6
127	39.0	30.7	46.1



#42
2-Nitroaniline
Concen: 21.370 ng/ul
RT: 14.05 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.0	50.9	76.3
138	72.7	61.8	92.6





#44

Dimethylphthalate

Concen: 20.170 ng/ul

RT: 14.41 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

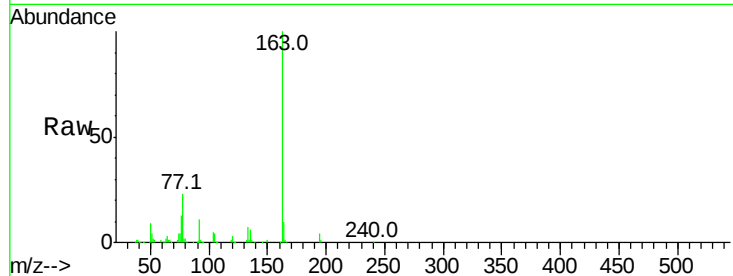
Tot Ion:163 Resp: 189160

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 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

14.41

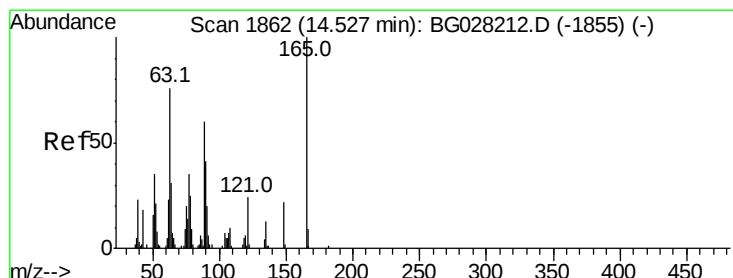
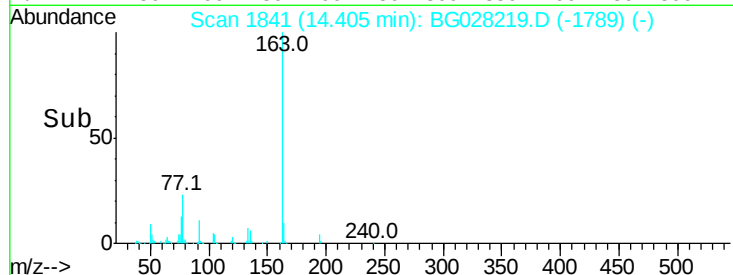
150000

100000

50000

0

Time-->



#45

2,6-Dinitrotoluene

Concen: 21.435 ng/ul

RT: 14.53 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

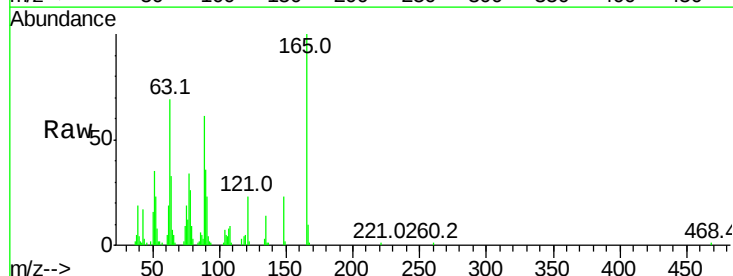
Tgt Ion:165 Resp: 41504

Ion Ratio Lower Upper

165 100

89 61.4 52.9 79.3

121 23.1 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

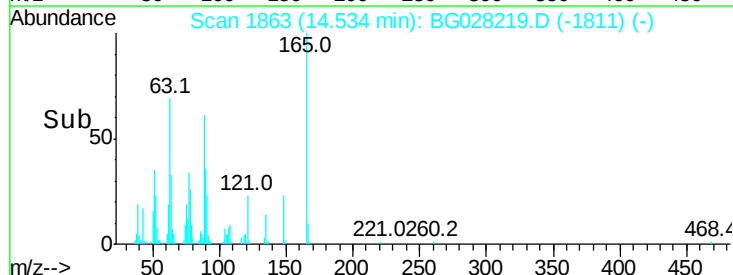
30000

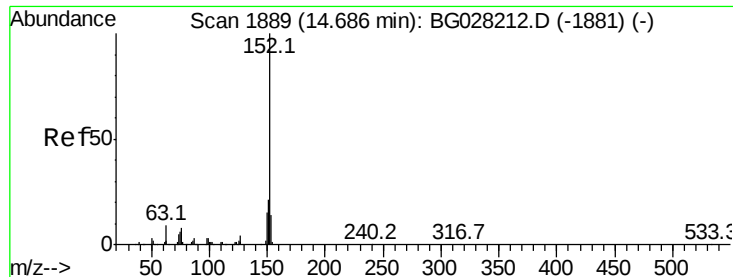
20000

10000

0

Time-->





#47

Acenaphthylene

Concen: 19.671 ng/ul

RT: 14.69 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

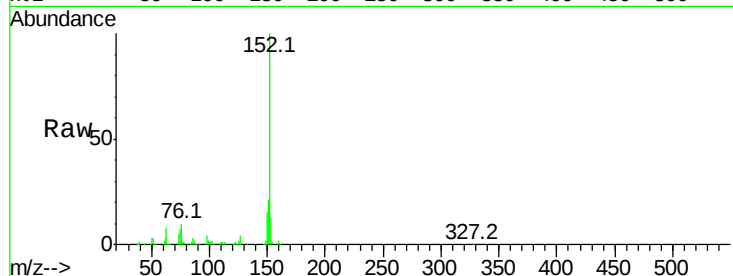
Tot Ion:152 Resp: 215874

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

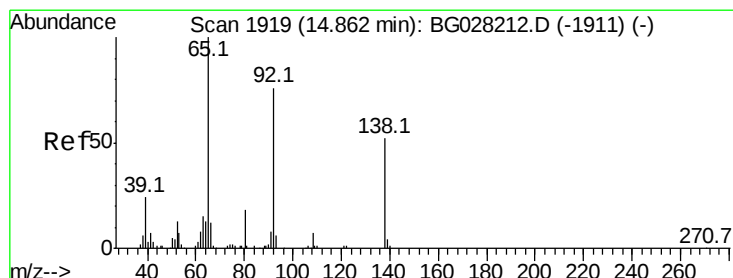
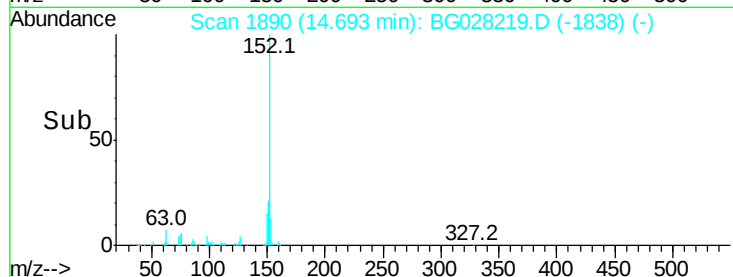
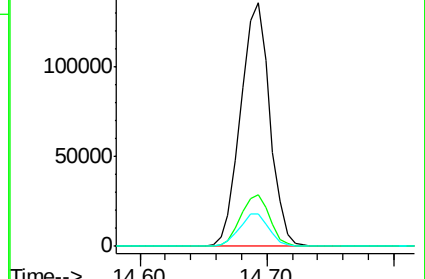
153 13.1 11.4 17.2



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: 23.098 ng/ul

RT: 14.87 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

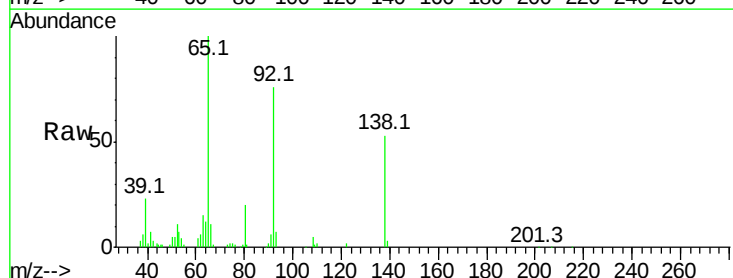
Tgt Ion:138 Resp: 40272

Ion Ratio Lower Upper

138 100

108 9.3 6.3 9.5

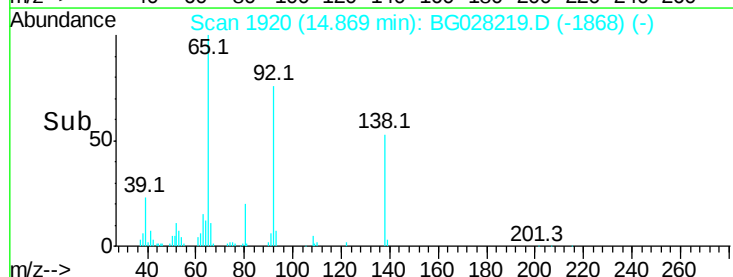
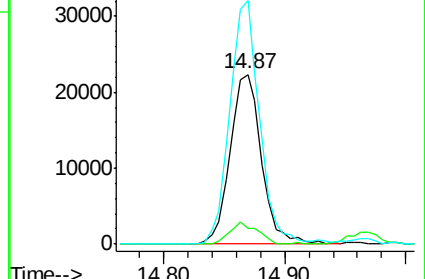
92 143.6 106.4 159.6

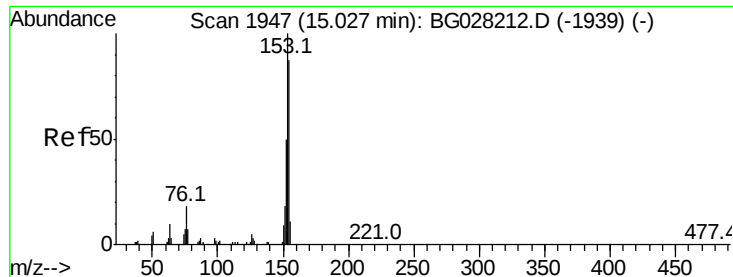


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 19.961 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

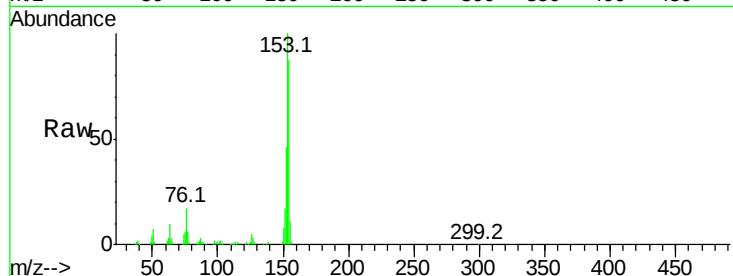
Tot Ion:153 Resp: 147800

Ion Ratio Lower Upper

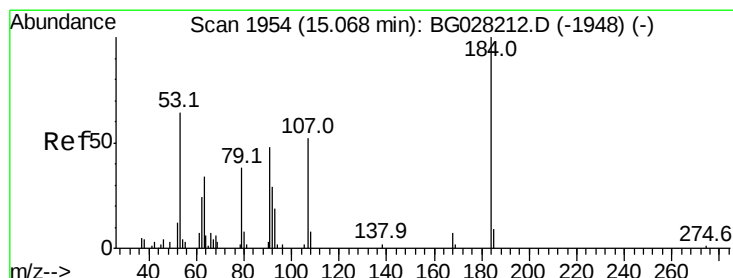
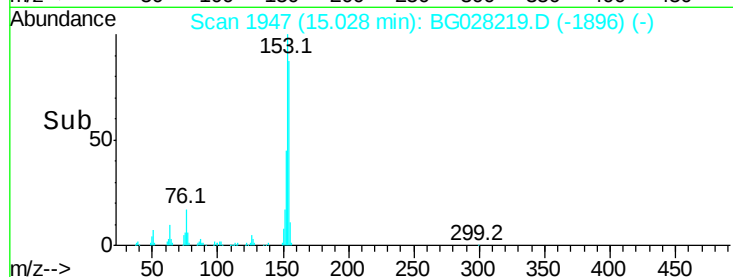
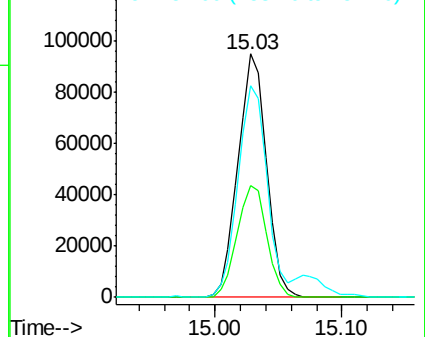
153 100

152 45.7 36.5 54.7

154 87.0 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: 21.407 ng/ul

RT: 15.07 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

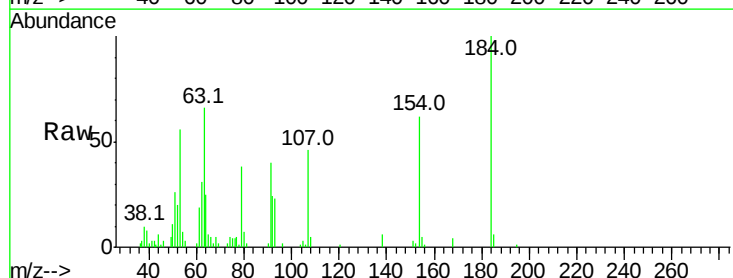
Tgt Ion:184 Resp: 23354

Ion Ratio Lower Upper

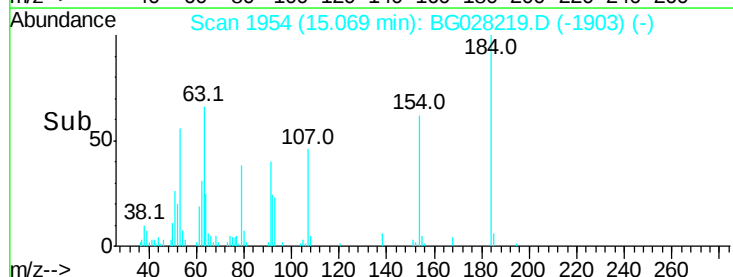
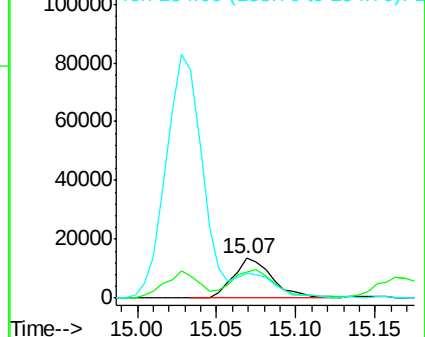
184 100

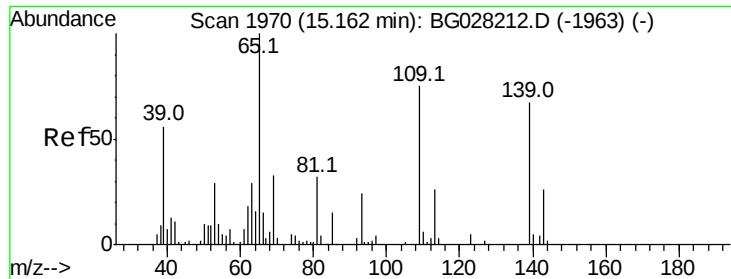
63 66.5 65.1 97.7

154 62.2 68.2 102.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.118 ng/ul

RT: 15.16 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

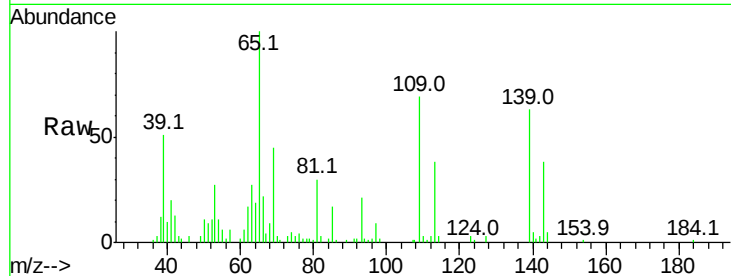
Tot Ion:109 Resp: 35436

Ion Ratio Lower Upper

109 100

139 92.2 62.6 93.8

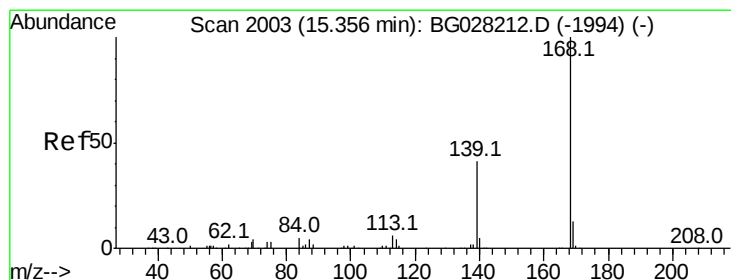
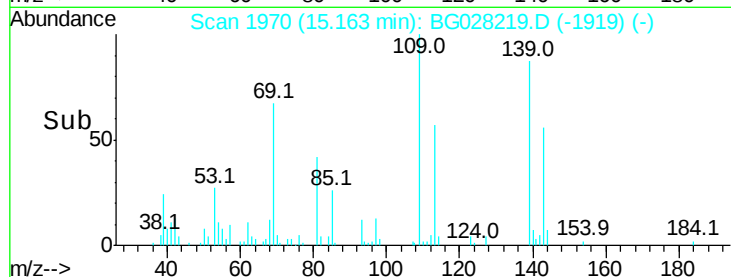
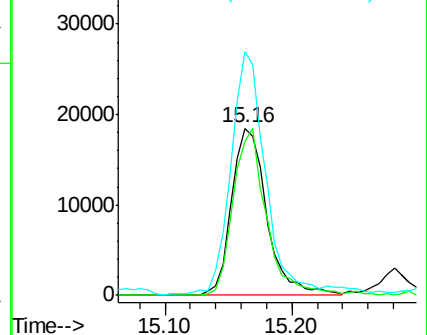
65 145.5 90.4 135.6#



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: 20.437 ng/ul

RT: 15.36 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BG028219.D

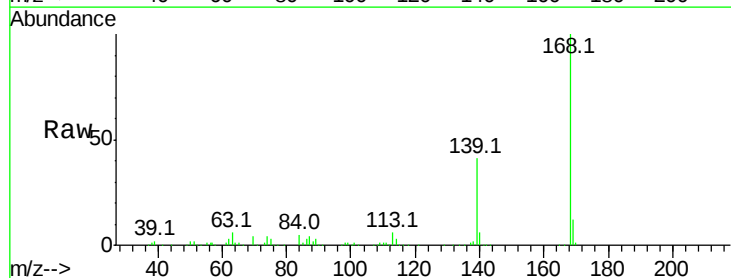
Acq: 9 Aug 2017 10:34

Tgt Ion:168 Resp: 220632

Ion Ratio Lower Upper

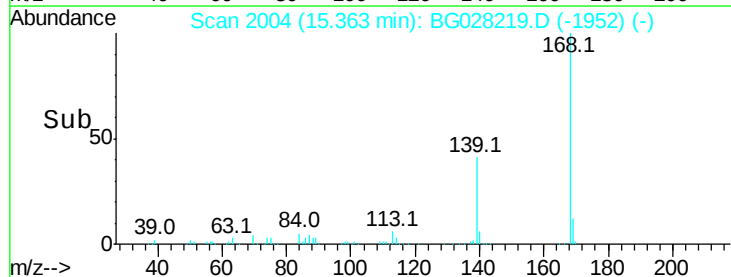
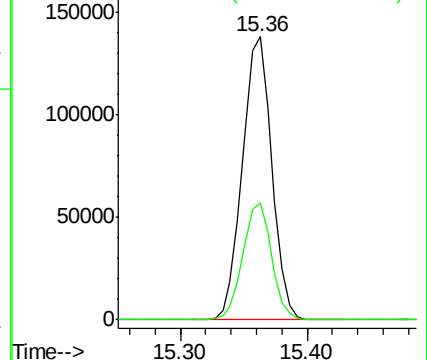
168 100

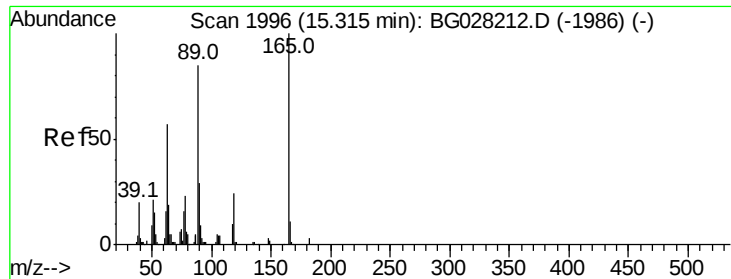
139 41.3 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

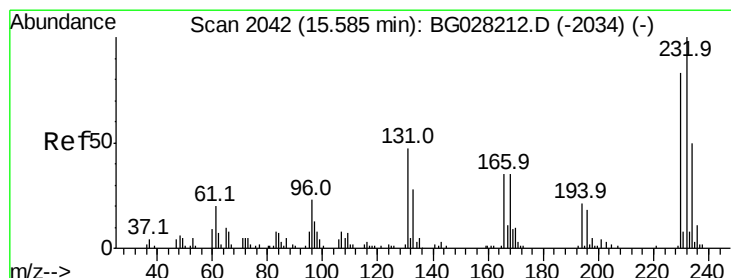
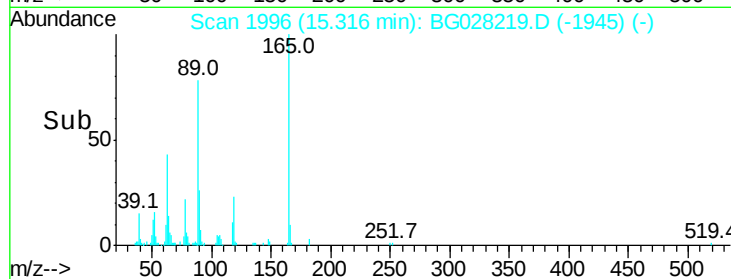
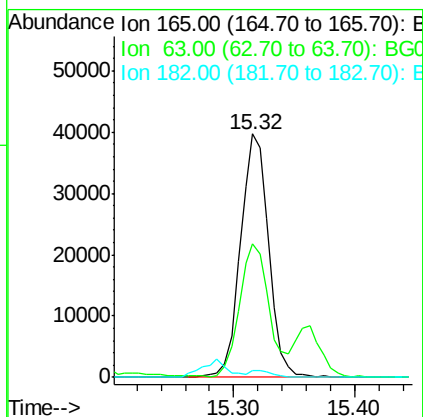
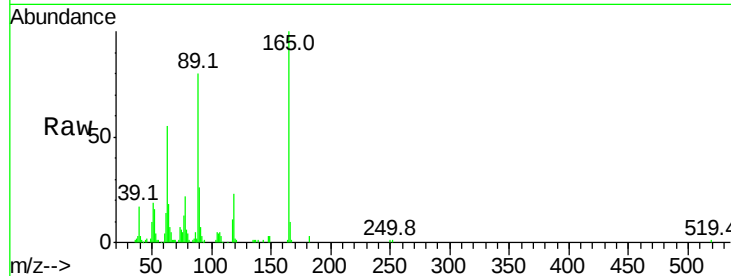




#54
2,4-Dinitrotoluene
Concen: 21.834 ng/ul
RT: 15.32 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

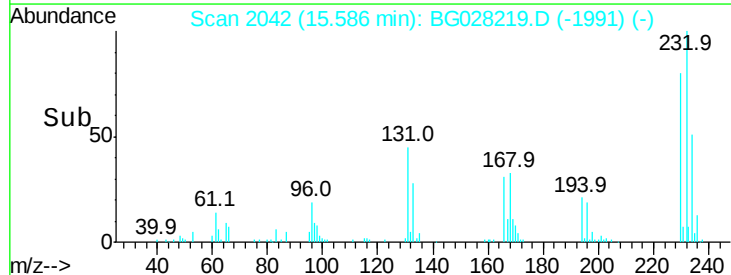
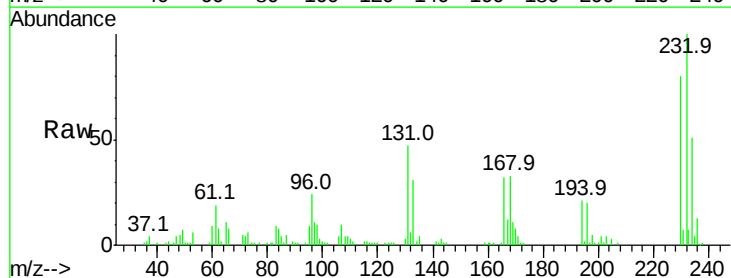
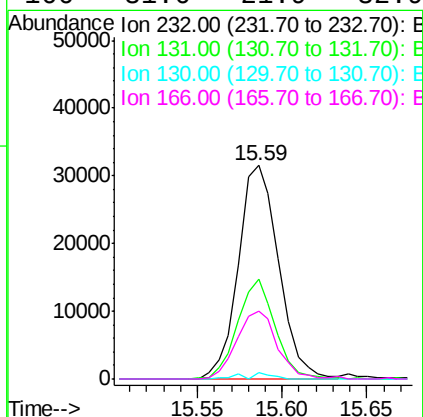
Instrument :
BNA_G
ClientSampleId :
SSTD02056

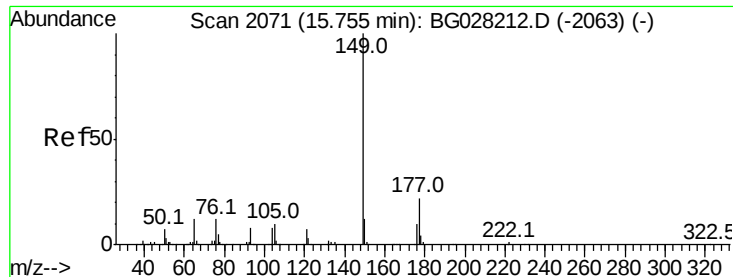
Tot Ion:165 Resp: 64071
Ion Ratio Lower Upper
165 100
63 55.0 46.8 70.2
182 2.7 1.8 2.6#



#55
2,3,4,6-Tetrachlorophenol
Concen: 22.439 ng/ul
RT: 15.59 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion:232 Resp: 52404
Ion Ratio Lower Upper
232 100
131 46.8 33.3 49.9
130 2.8 1.8 2.6#
166 31.6 21.9 32.9





#56

Diethylphthalate

Concen: 20.166 ng/ul

RT: 15.76 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

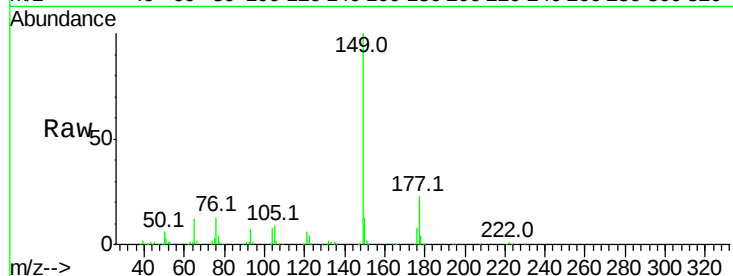
Tot Ion:149 Resp: 221861

Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

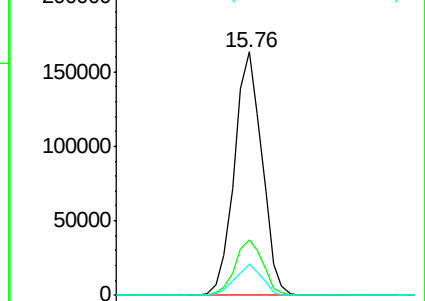
150 12.6 10.2 15.4



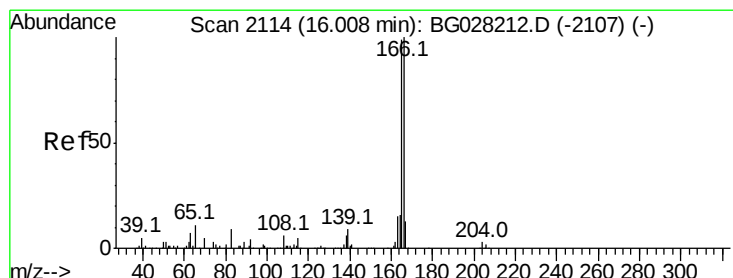
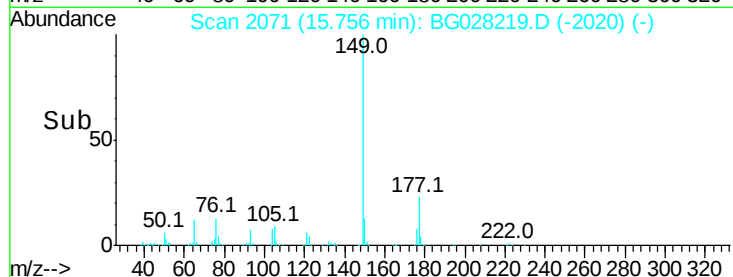
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



#58

Fluorene

Concen: 20.459 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

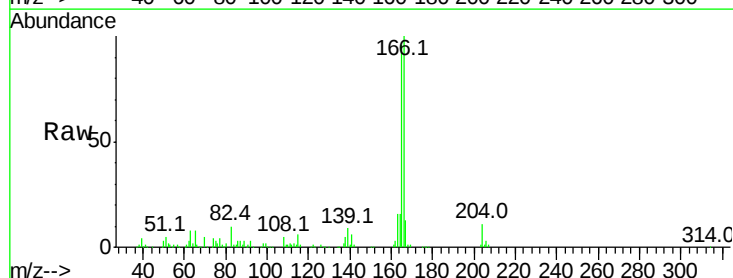
Tgt Ion:166 Resp: 195546

Ion Ratio Lower Upper

166 100

165 96.1 79.7 119.5

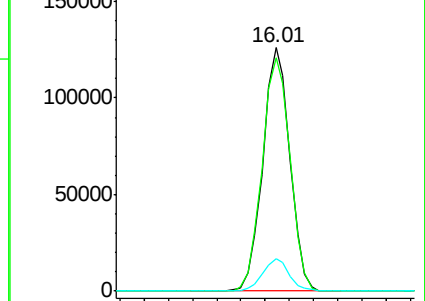
167 13.2 11.4 17.2



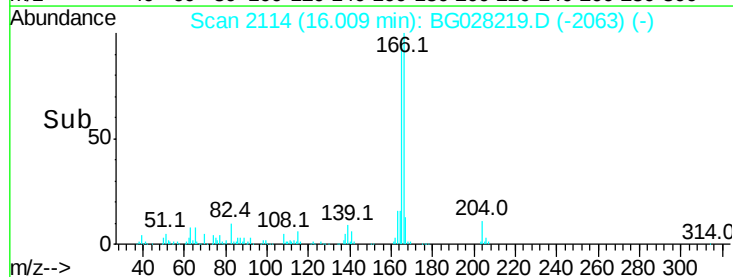
Abundance Ion 166.00 (165.70 to 166.70): E

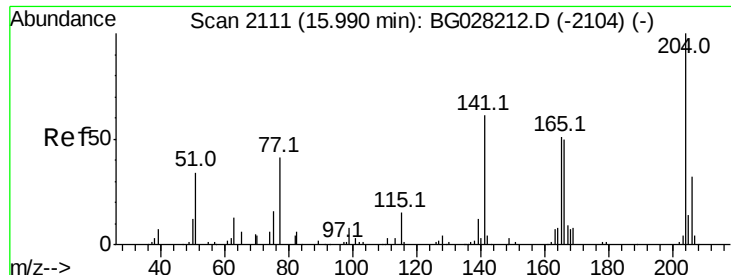
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

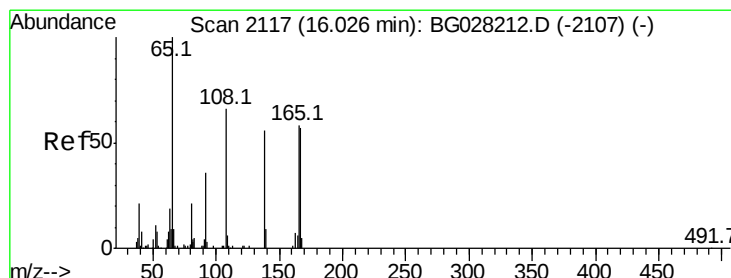
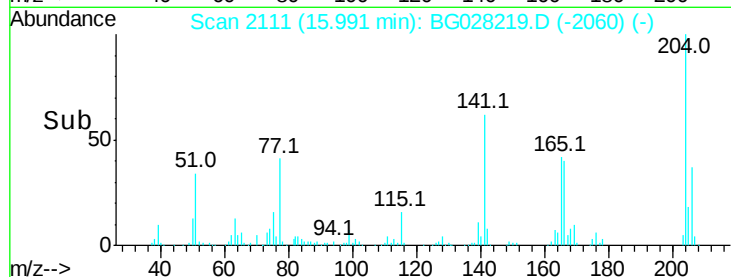
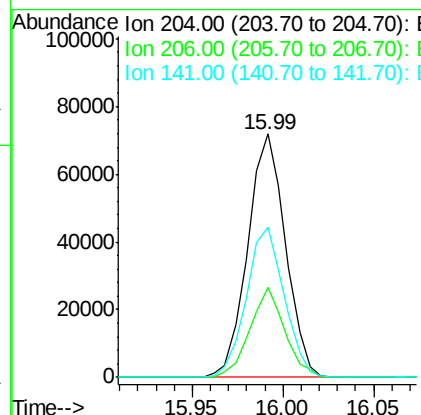
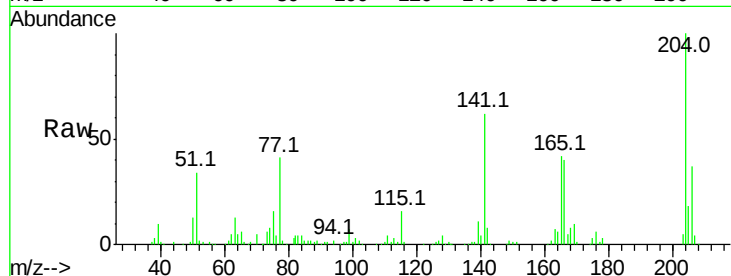




#59
 4-Chlorophenyl-phenylether
 Concen: 20.232 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

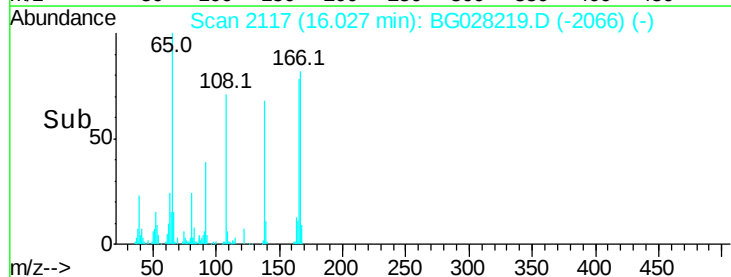
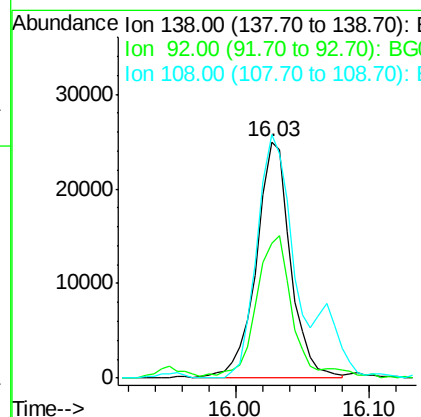
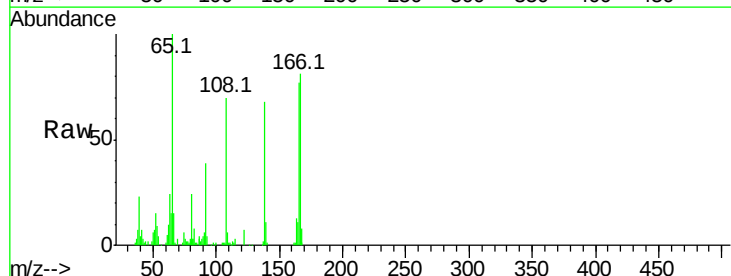
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

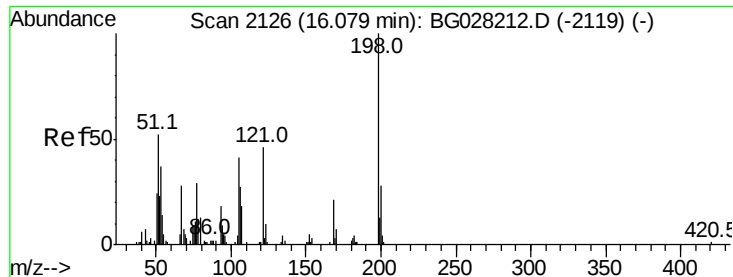
Tot Ion:204 Resp: 103749
 Ion Ratio Lower Upper
 204 100
 206 37.2 32.3 48.5
 141 61.7 57.5 86.3



#60
 4-Nitroaniline
 Concen: 21.313 ng/ul
 RT: 16.03 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

Tgt Ion:138 Resp: 44087
 Ion Ratio Lower Upper
 138 100
 92 57.0 56.9 85.3
 108 103.1 104.9 157.3#





#63

4,6-Dinitro-2-methylphenol

Concen: 20.469 ng/ul

RT: 16.08 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

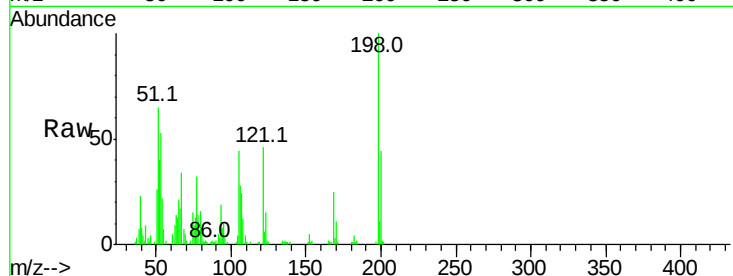
Tot Ion:198 Resp: 43936

Ion Ratio Lower Upper

198 100

182 4.5 5.8 6.4#

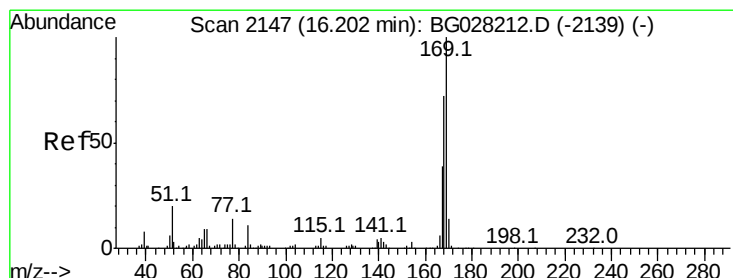
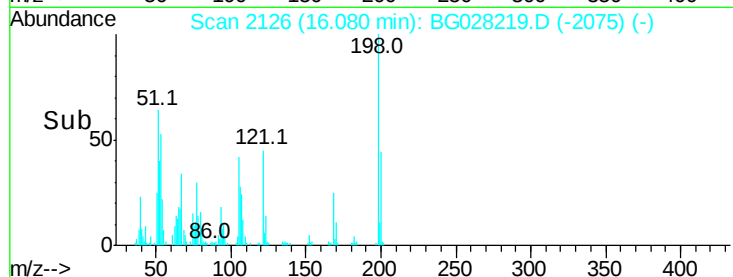
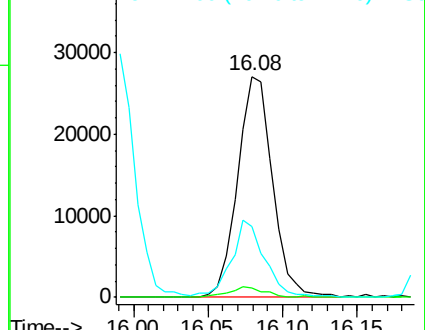
77 31.8 22.1 33.9



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: 19.889 ng/ul

RT: 16.20 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

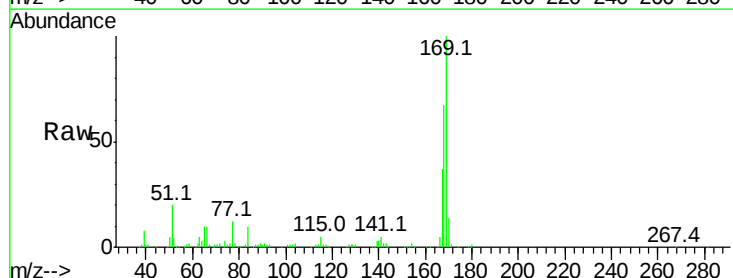
Tgt Ion:169 Resp: 170505

Ion Ratio Lower Upper

169 100

168 67.0 59.1 88.7

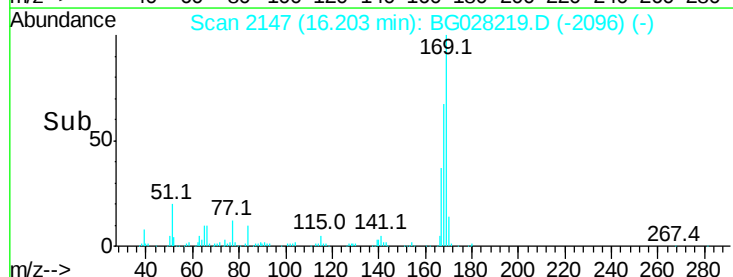
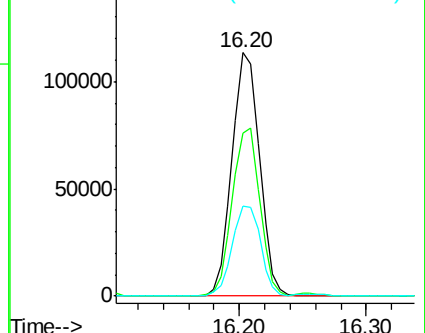
167 37.1 29.7 44.5

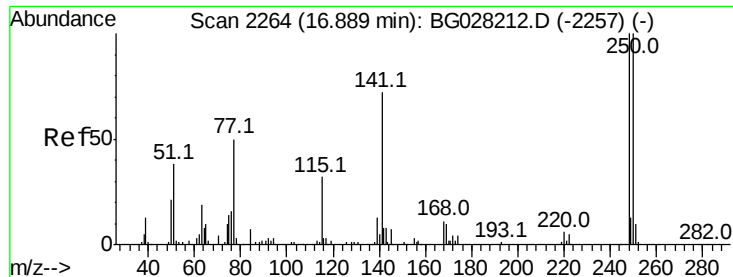


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

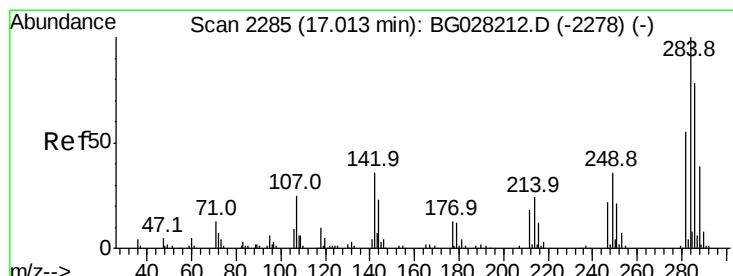
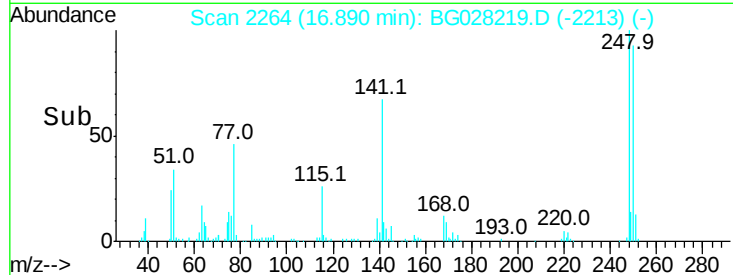
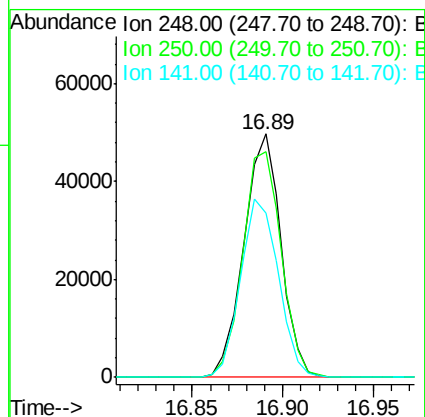
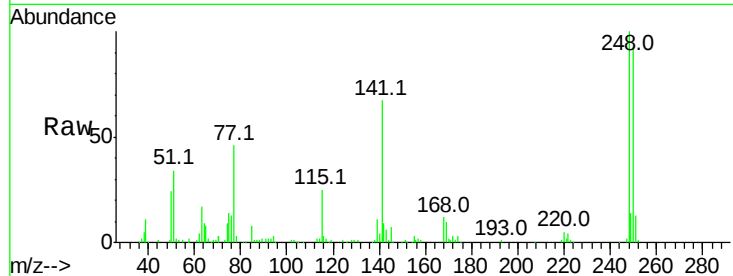




#65
 4-Bromophenyl-phenylether
 Concen: 20.143 ng/ul
 RT: 16.89 min Scan# 2264
 Delta R.T. 0.00 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

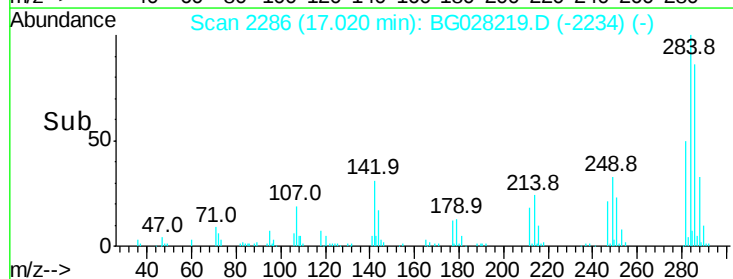
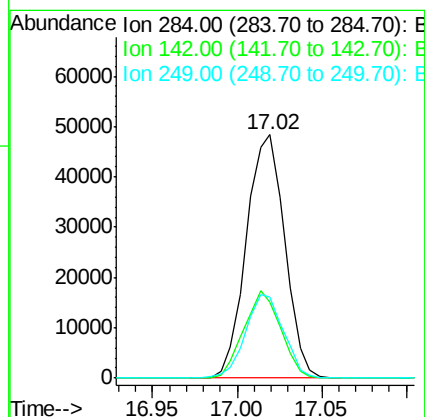
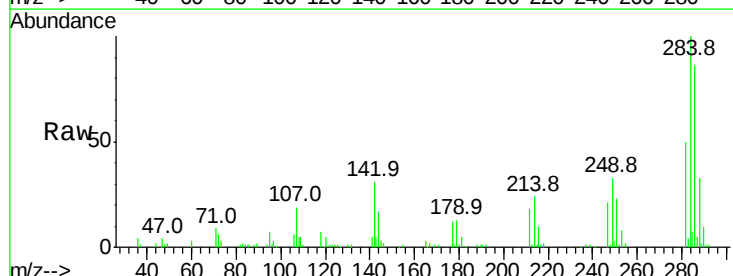
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02056

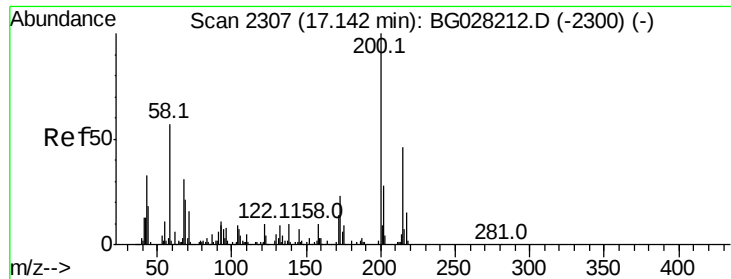
Tot Ion	Ratio	Lower	Upper
248	100		
250	92.7	71.9	107.9
141	67.5	53.8	80.8



#66
 Hexachlorobenzene
 Concen: 20.452 ng/ul
 RT: 17.02 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BG028219.D
 Acq: 9 Aug 2017 10:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.1	39.1
249	33.3	25.9	38.9

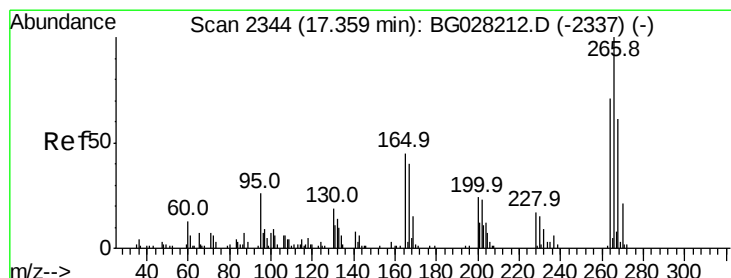
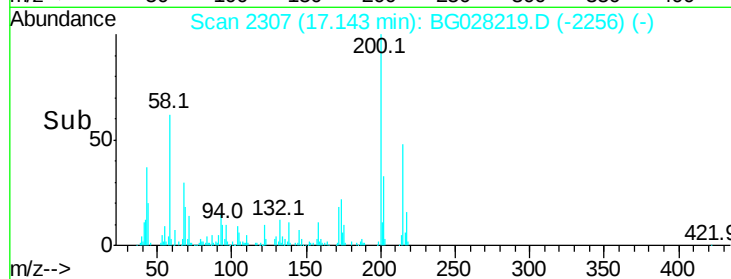
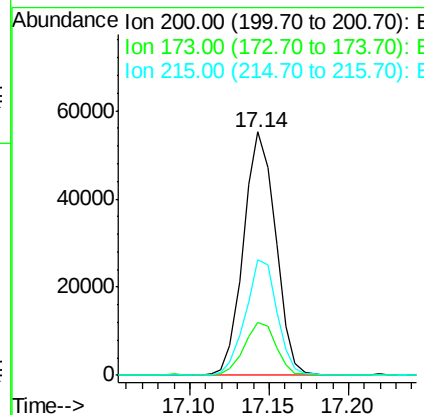
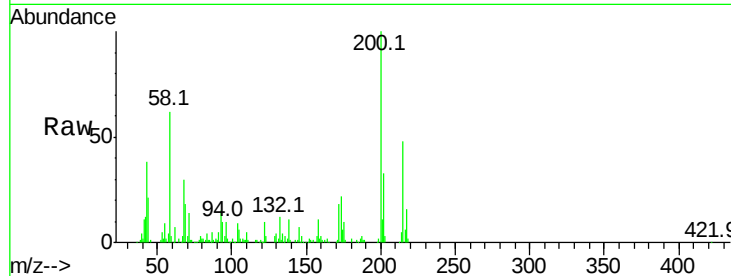




#67
Atrazine
Concen: 20.771 ng/ul
RT: 17.14 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

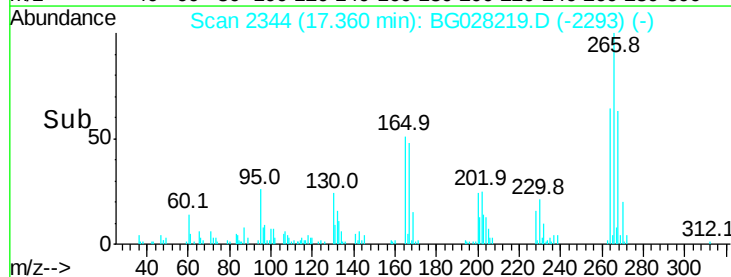
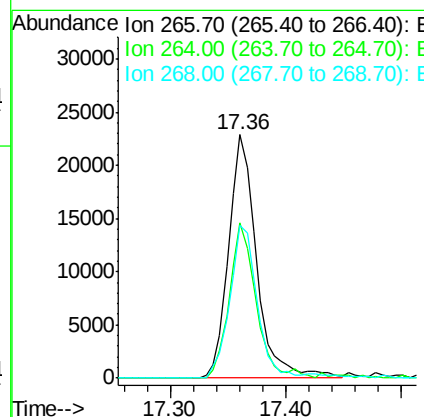
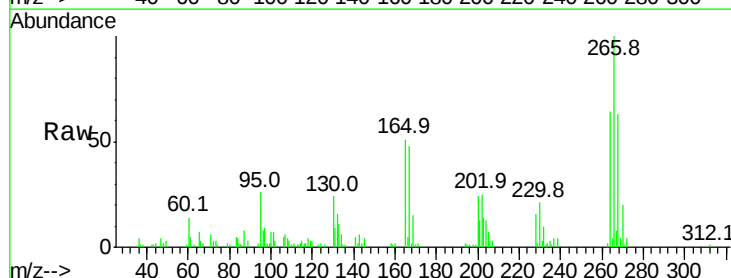
Instrument :
BNA_G
ClientSampleId :
SSTD02056

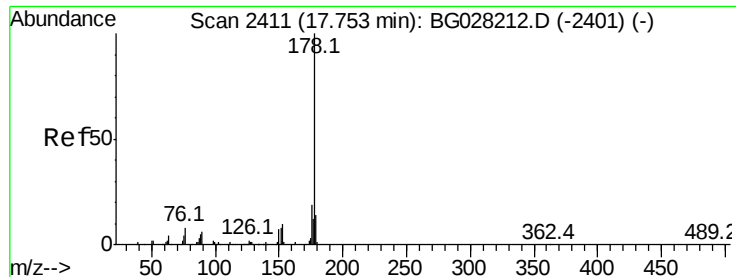
Tot Ion:200 Resp: 77632
Ion Ratio Lower Upper
200 100
173 22.0 19.2 28.8
215 47.7 40.3 60.5



#68
Pentachlorophenol
Concen: 20.356 ng/ul
RT: 17.36 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion:266 Resp: 38443
Ion Ratio Lower Upper
266 100
264 63.7 47.1 70.7
268 62.7 56.2 84.4





#69

Phenanthrene

Concen: 19.913 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

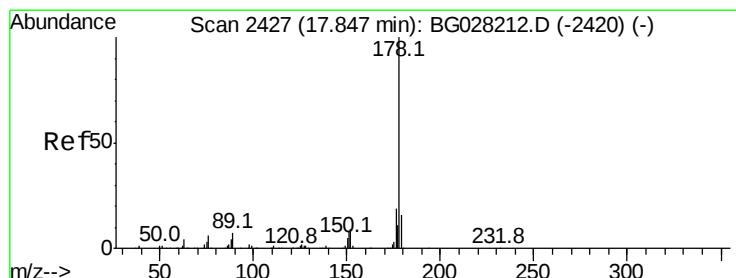
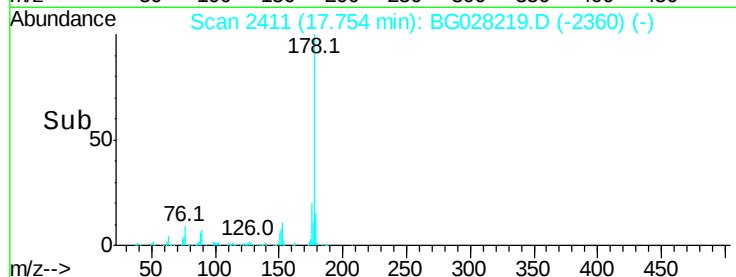
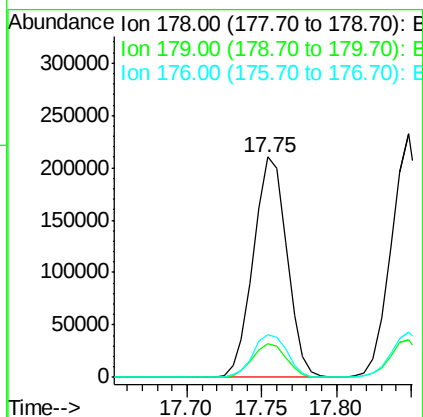
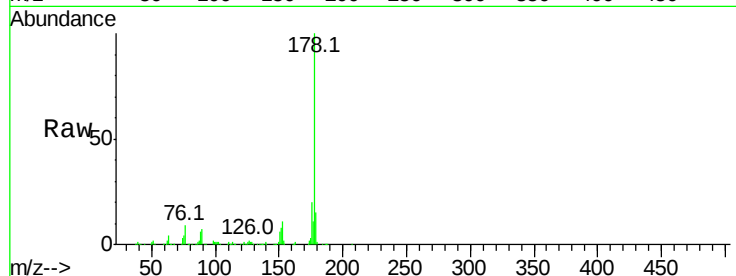
Tot Ion:178 Resp: 326544

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.6 16.5 24.7



#71

Anthracene

Concen: 20.462 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

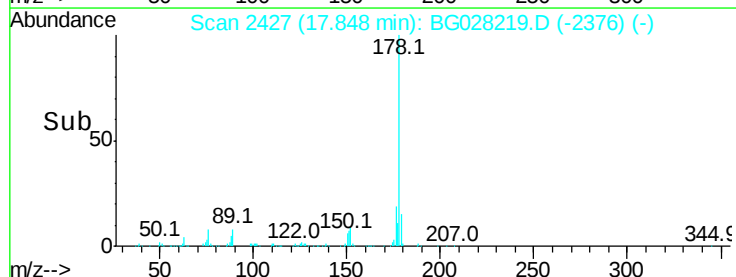
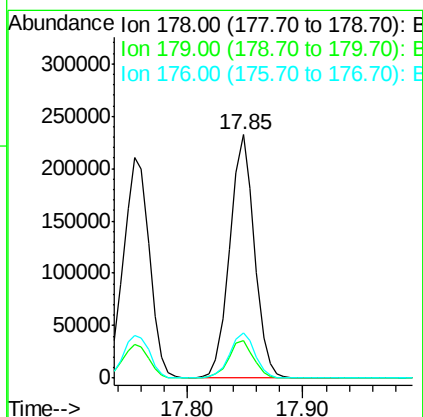
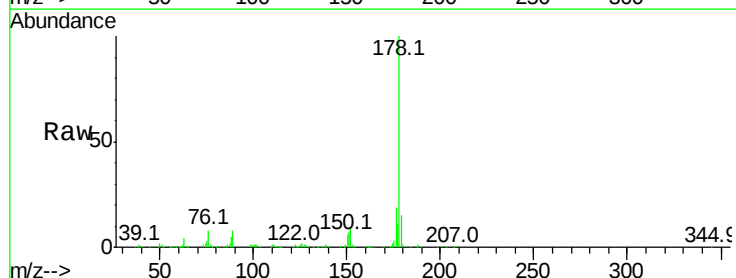
Tgt Ion:178 Resp: 342945

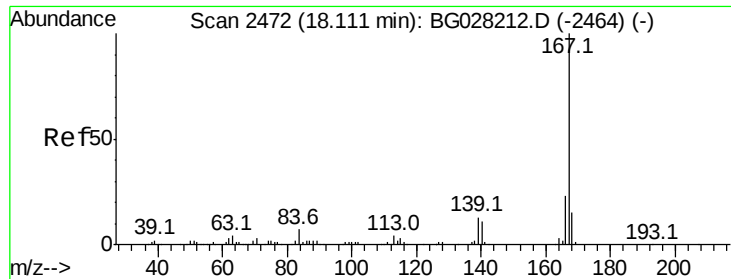
Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 18.6 15.9 23.9





#72

Carbazole

Concen: 20.214 ng/ul

RT: 18.11 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

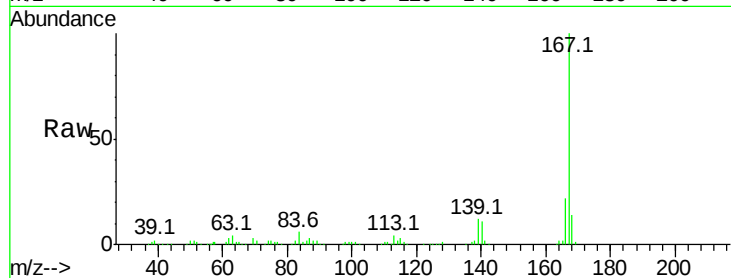
Tot Ion:167 Resp: 294649

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

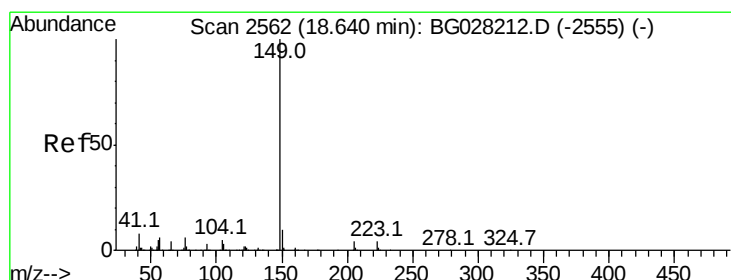
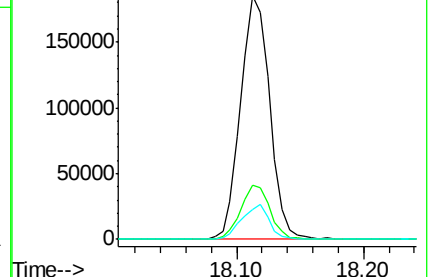
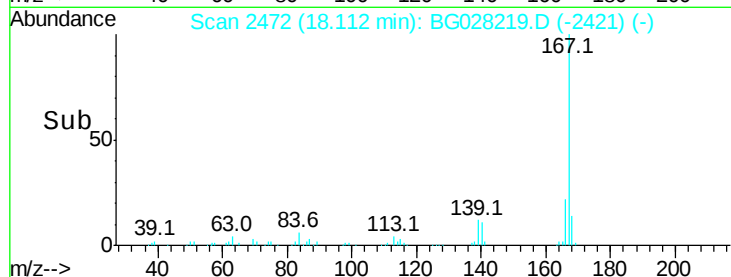
139 12.4 10.5 15.7



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: 20.497 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

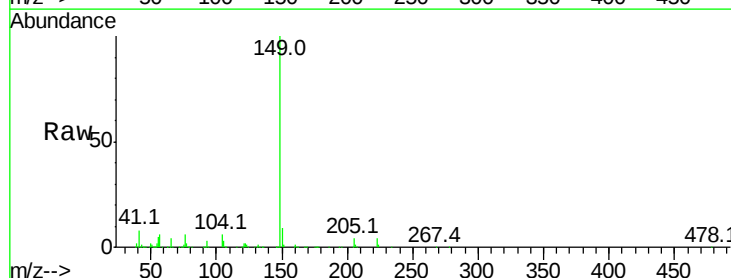
Tgt Ion:149 Resp: 371923

Ion Ratio Lower Upper

149 100

150 8.8 7.9 11.9

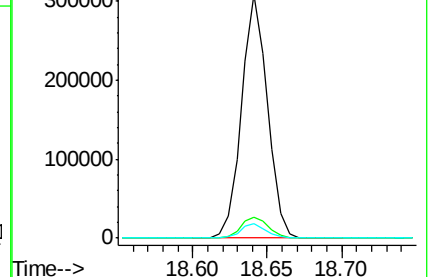
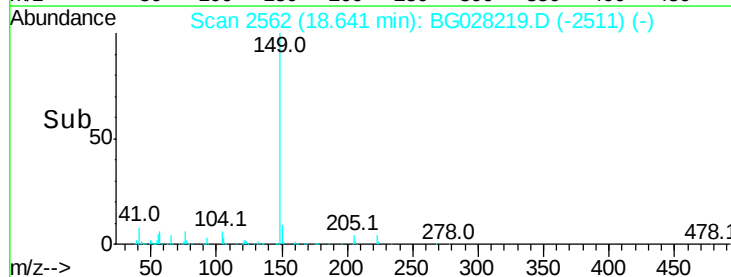
104 5.8 5.8 8.8

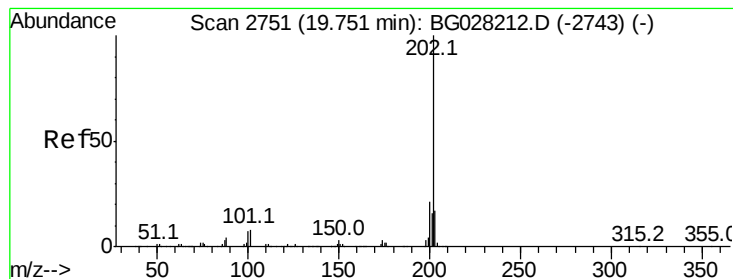


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.774 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

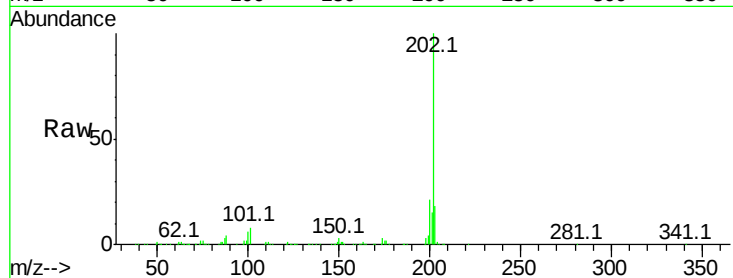
Tot Ion:202 Resp: 414021

Ion Ratio Lower Upper

202 100

101 7.9 6.2 9.2

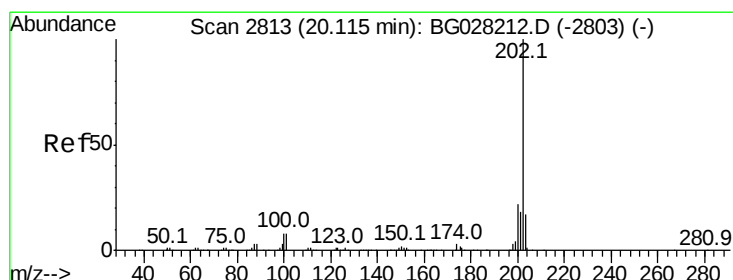
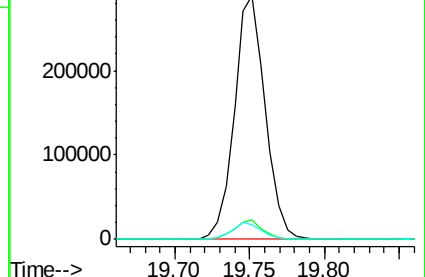
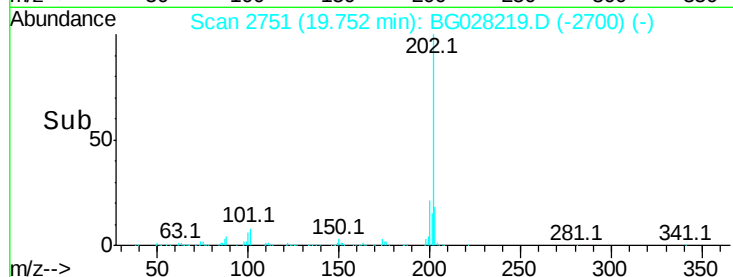
100 6.2 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.205 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

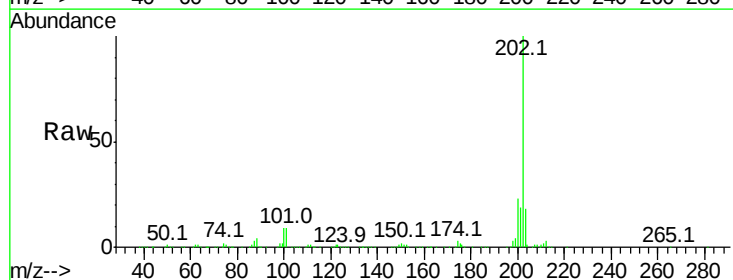
Tgt Ion:202 Resp: 426169

Ion Ratio Lower Upper

202 100

101 9.5 6.9 10.3

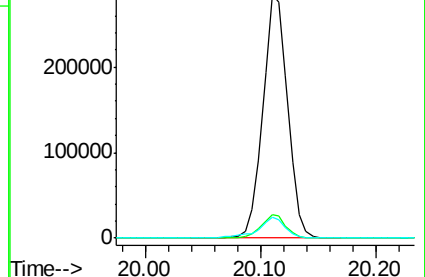
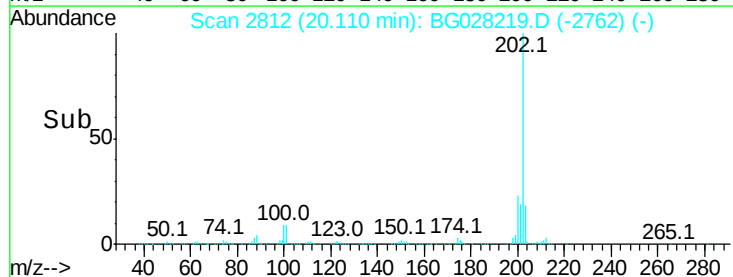
100 8.6 6.6 10.0

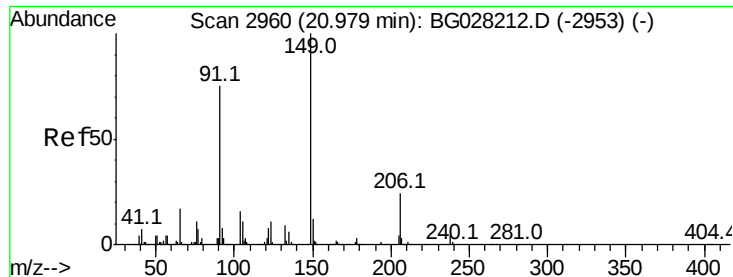


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

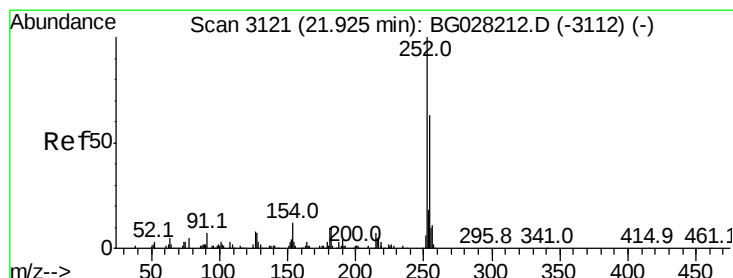
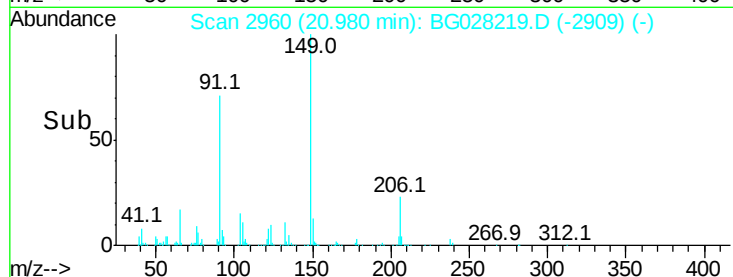
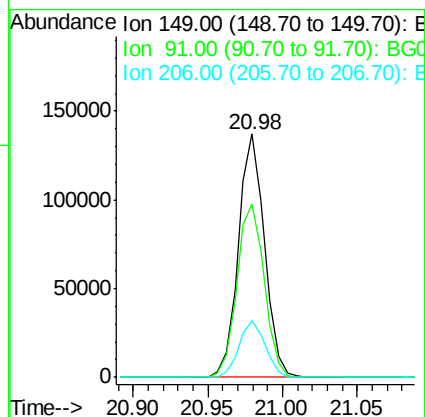
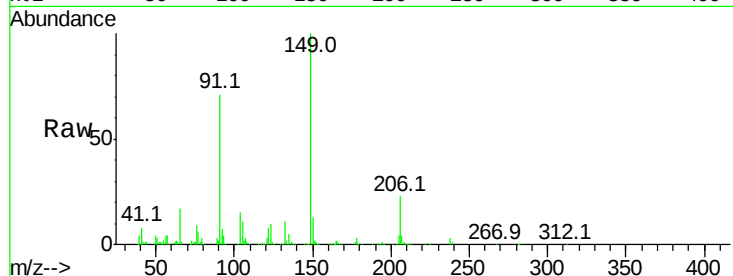




#78
Butylbenzylphthalate
Concen: 20.041 ng/ul
RT: 20.98 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

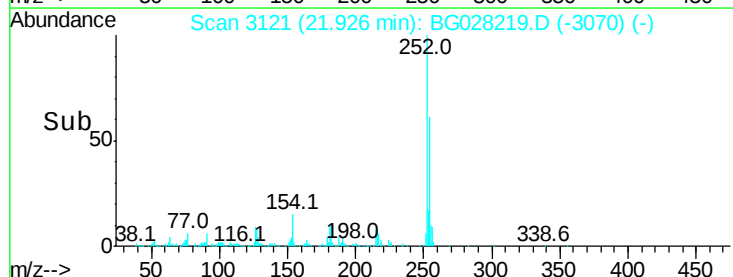
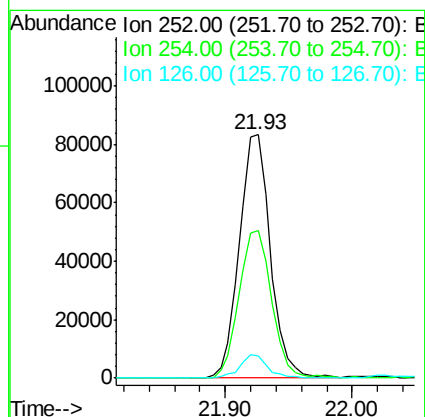
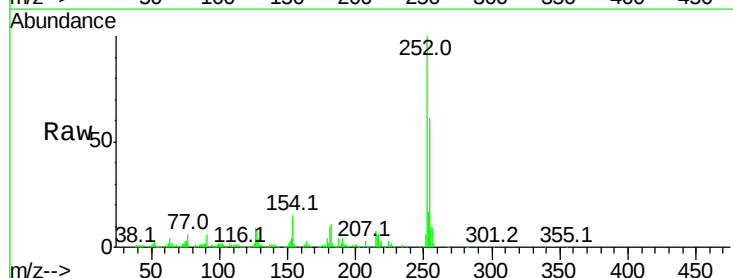
Instrument :
BNA_G
ClientSampleId :
SSTD02056

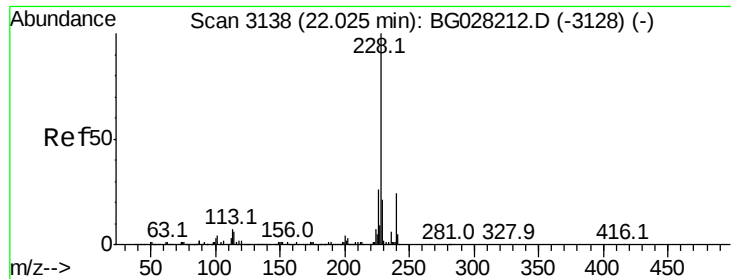
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.1	65.8	98.6
206	23.1	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 19.793 ng/ul
RT: 21.93 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BG028219.D
Acq: 9 Aug 2017 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.7	49.0	73.6
126	8.9	5.1	7.7





#80

Benzo(a)anthracene

Concen: 19.754 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

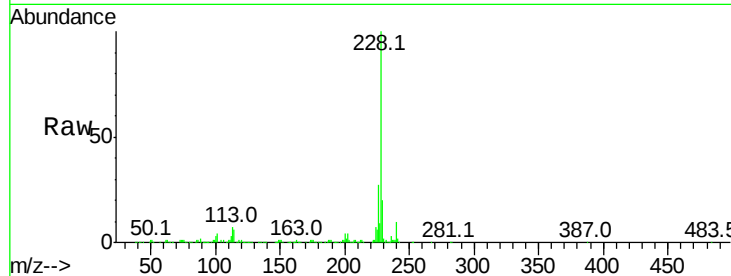
Tot Ion:228 Resp: 424532

Ion Ratio Lower Upper

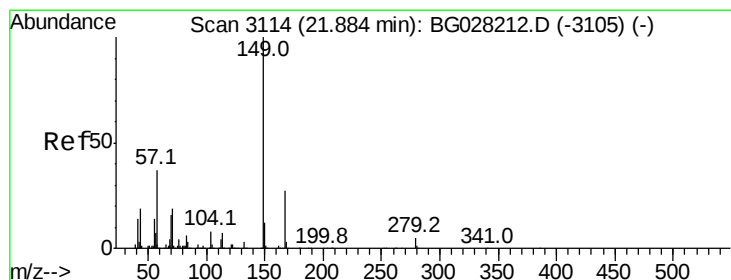
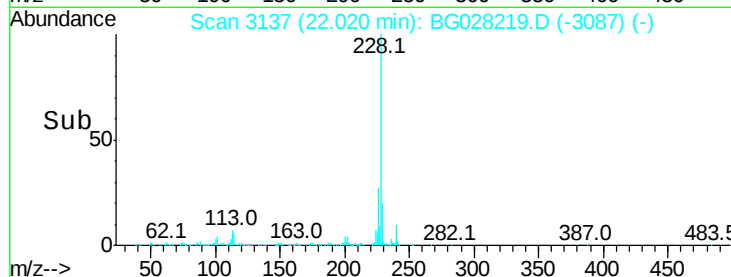
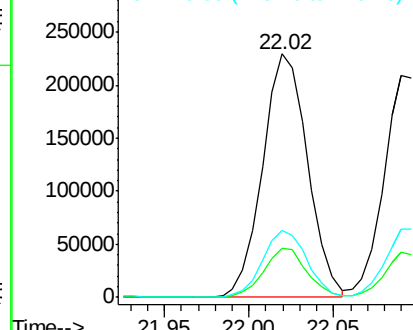
228 100

229 20.4 16.3 24.5

226 27.4 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: 19.959 ng/ul

RT: 21.88 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

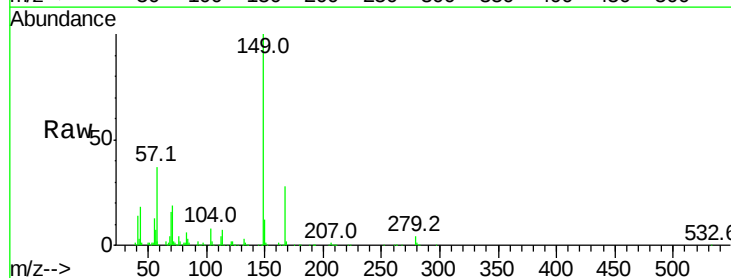
Tgt Ion:149 Resp: 235965

Ion Ratio Lower Upper

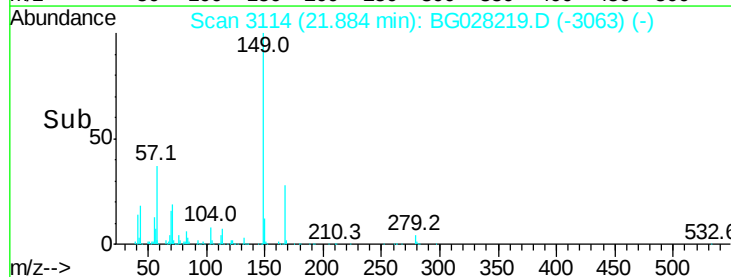
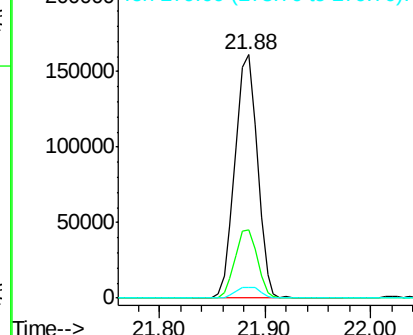
149 100

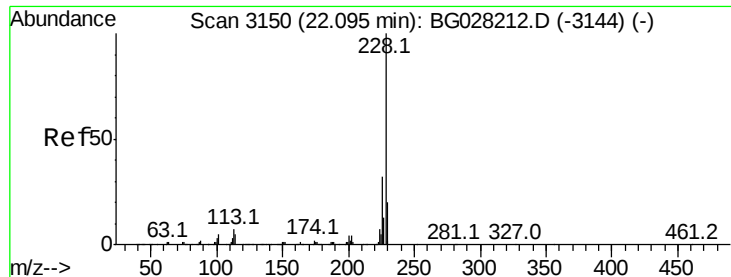
167 28.2 21.8 32.8

279 4.4 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: 19.712 ng/ul

RT: 22.09 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

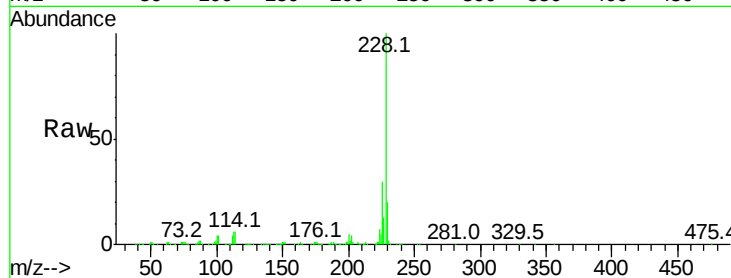
Tot Ion:228 Resp: 381513

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

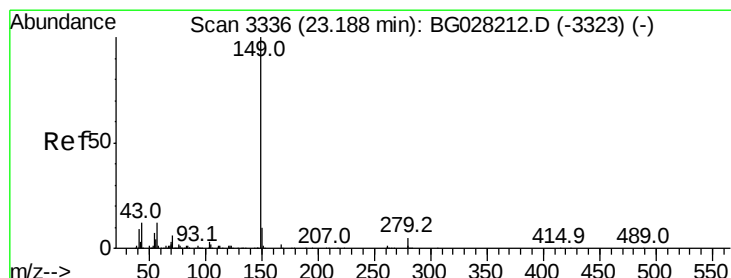
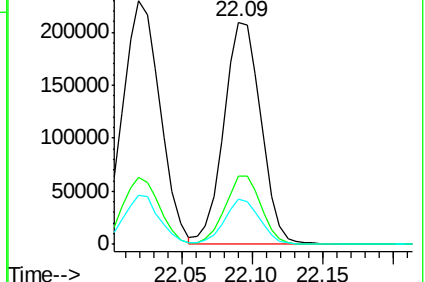
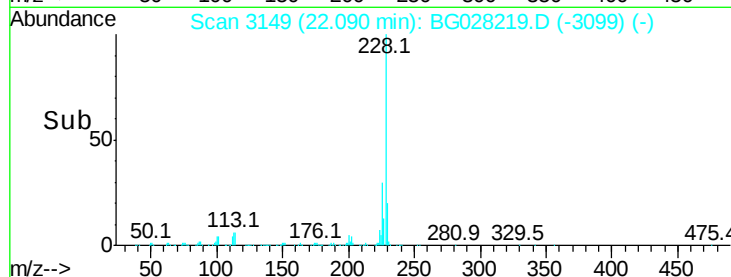
229 20.3 16.9 25.3



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: 18.917 ng/ul

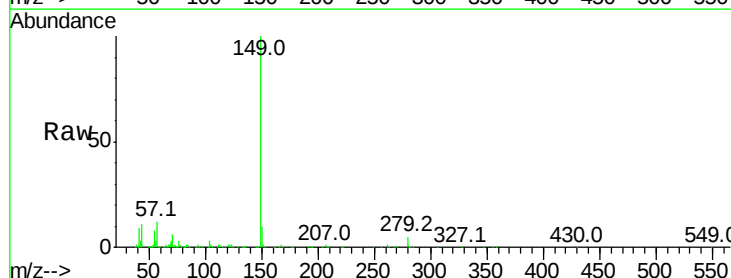
RT: 23.19 min Scan# 3336

Delta R.T. 0.00 min

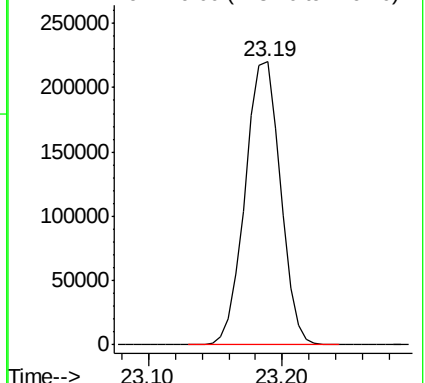
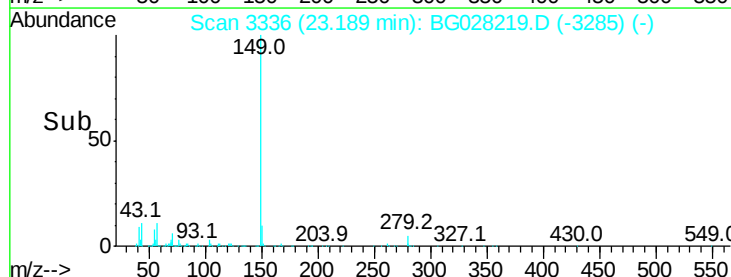
Lab File: BG028219.D

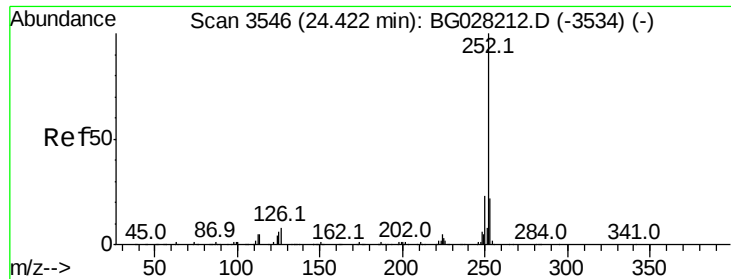
Acq: 9 Aug 2017 10:34

Tgt Ion:149 Resp: 401803



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.043 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

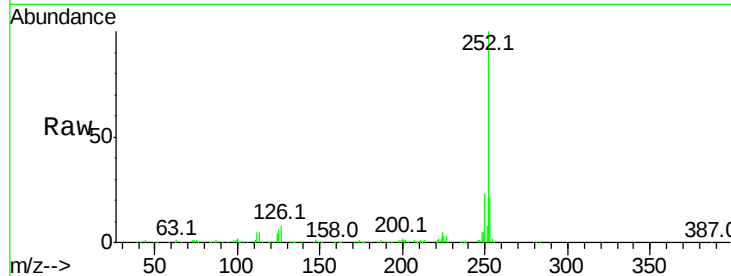
Tot Ion:252 Resp: 425084

Ion Ratio Lower Upper

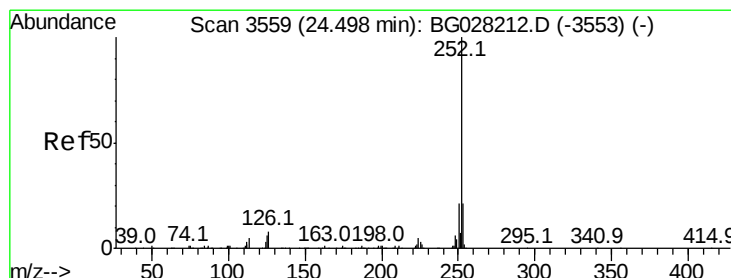
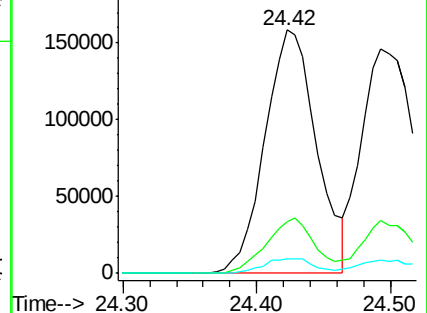
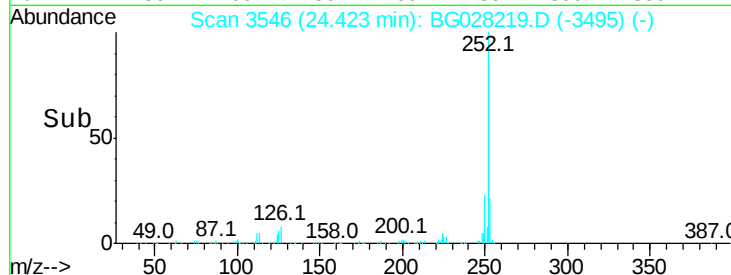
252 100

253 21.4 17.7 26.5

125 5.8 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: 19.208 ng/ul

RT: 24.49 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

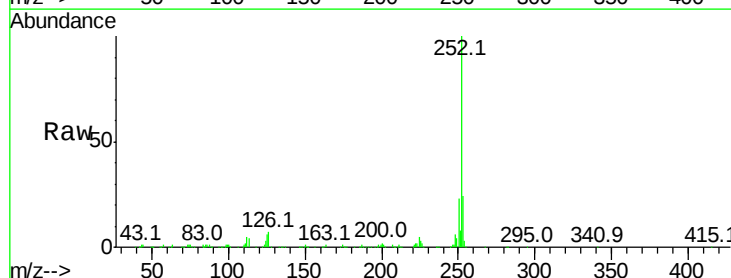
Tgt Ion:252 Resp: 397926

Ion Ratio Lower Upper

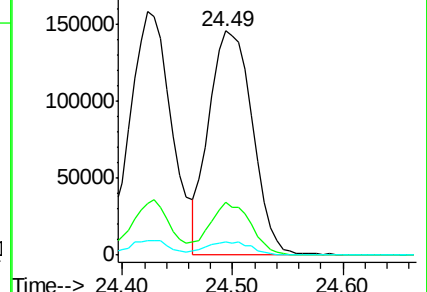
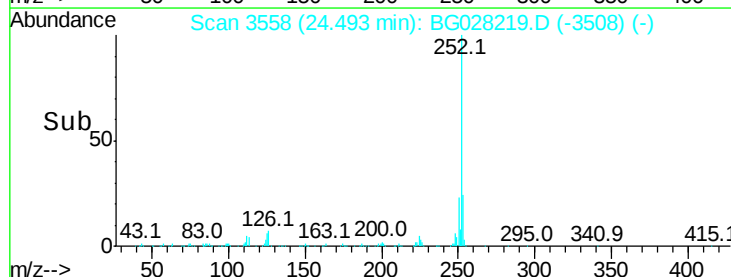
252 100

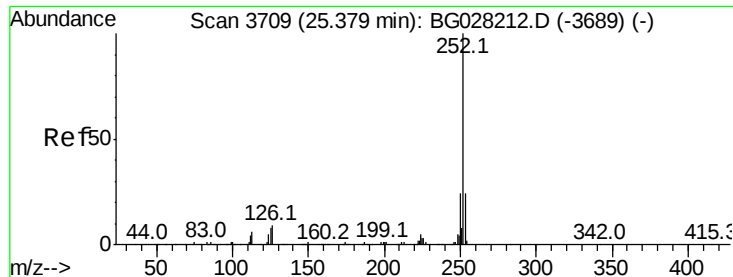
253 23.7 18.5 27.7

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: 19.305 ng/ul

RT: 25.38 min Scan# 3709

Delta R.T. 0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

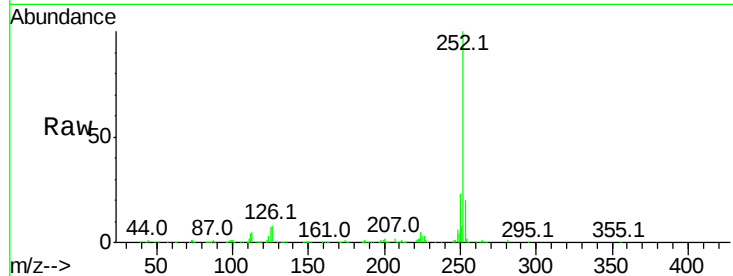
Tot Ion:252 Resp: 396423

Ion Ratio Lower Upper

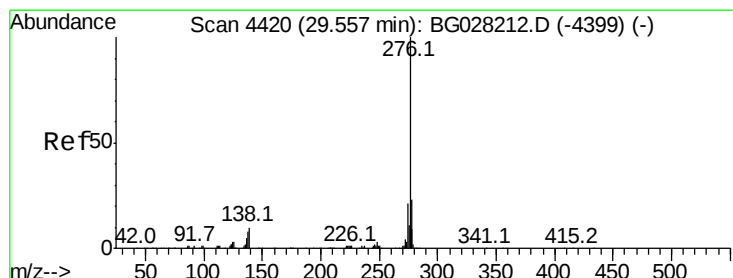
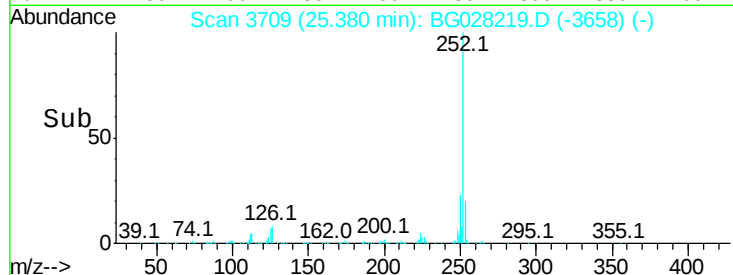
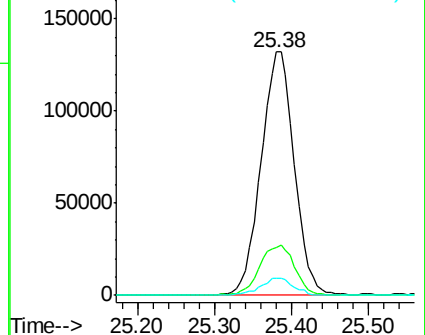
252 100

253 19.9 17.8 26.6

125 6.8 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: 19.632 ng/ul

RT: 29.58 min Scan# 4423

Delta R.T. 0.02 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

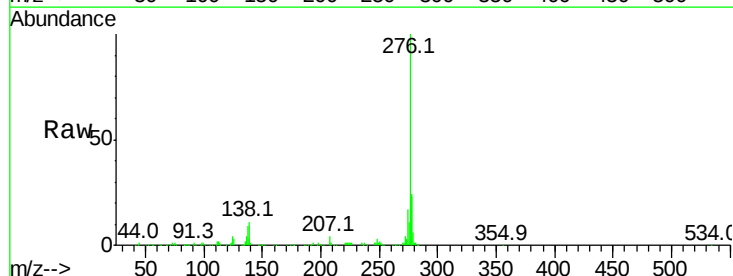
Tgt Ion:276 Resp: 472104

Ion Ratio Lower Upper

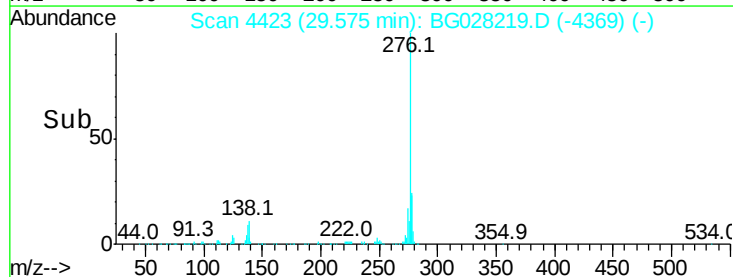
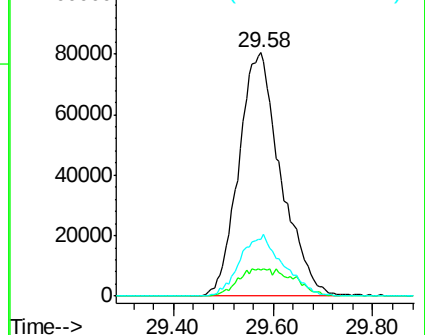
276 100

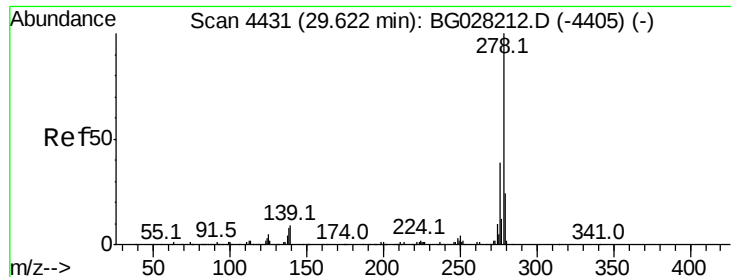
138 10.6 8.2 12.4

277 23.1 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: 19.670 ng/ul

RT: 29.63 min Scan# 4433

Delta R.T. 0.01 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

Instrument :

BNA_G

ClientSampleId :

SSTD02056

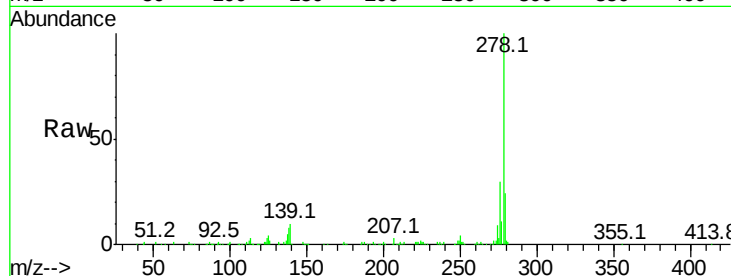
Tot Ion:278 Resp: 396466

Ion Ratio Lower Upper

278 100

139 9.7 6.7 10.1

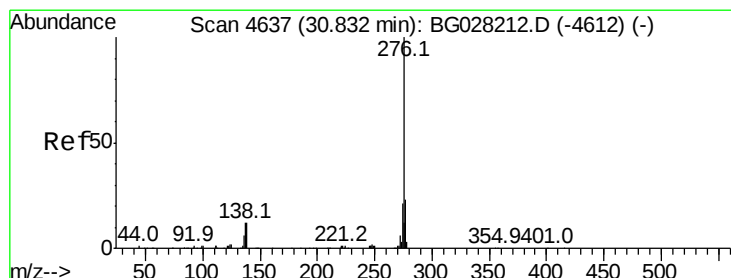
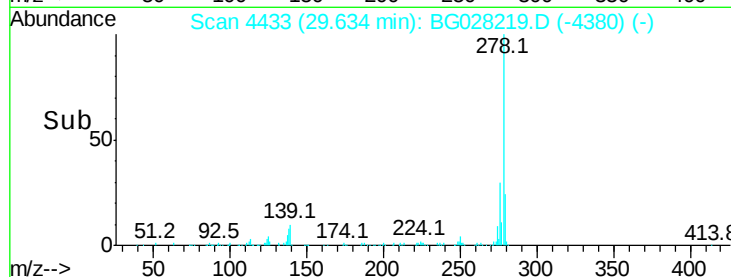
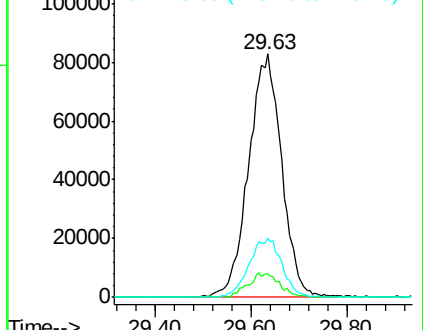
279 24.3 20.9 31.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.499 ng/ul

RT: 30.83 min Scan# 4636

Delta R.T. -0.00 min

Lab File: BG028219.D

Acq: 9 Aug 2017 10:34

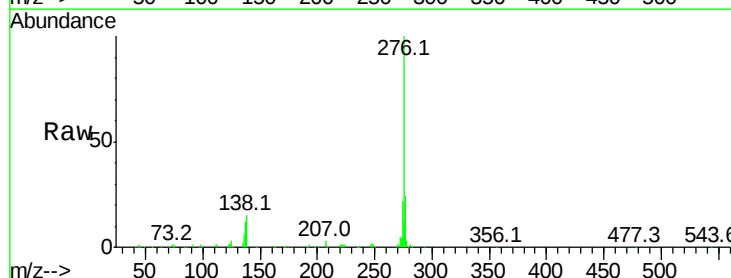
Tgt Ion:276 Resp: 385746

Ion Ratio Lower Upper

276 100

138 15.4 8.6 12.8#

277 24.0 17.6 26.4



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

