

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072517\
 Data File : BG028027.D
 Acq On : 25 Jul 2017 16:18
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02070

Quant Time: Jul 26 01:34:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 01:32:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	44537	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	183593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	126383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	346848	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	474732	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	462056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	6085	7.53	ng/uL	0.00
5) Phenol-d5	7.51	99	63754	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	34178	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	57122	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	54708	18.06	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	26158	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	31532	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	64895	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	70766	24.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	218935	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	255197	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	30537	19.25	ng/ul	0.00
57) Fluorene-d10	15.96	176	214081	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42985	17.84	ng/ul	0.00
70) Anthracene-d10	17.82	188	334202	19.98	ng/ul	0.00
76) Pyrene-d10	20.09	212	418989	19.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	439424	20.36	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.89	88	6709	6.846	ng/uL#	87
4) Benzaldehyde	7.51	77	40986	18.057	ng/ul	87
6) Phenol	7.54	94	62946	17.723	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.78	93	45960	17.954	ng/ul#	85
10) 2-Chlorophenol	7.93	128	53701	20.089	ng/ul#	74
11) 2-Methylphenol	8.79	108	46288	17.748	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.89	45	65290	13.525	ng/ul	97
14) Acetophenone	9.19	105	78924	18.479	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.16	70	37114	16.948	ng/ul#	82
16) 4-Methylphenol	9.12	108	51656	18.074	ng/ul	97
17) Hexachloroethane	9.46	117	22070	20.501	ng/ul	88
20) Nitrobenzene	9.58	77	56674	18.147	ng/ul#	85
21) Isophorone	10.09	82	99959	17.573	ng/ul#	92
23) 2-Nitrophenol	10.30	139	31939	20.419	ng/ul#	62
24) 2,4-Dimethylphenol	10.33	107	63220	19.315	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.57	93	61674	18.073	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	63407	20.595	ng/ul#	87
28) Naphthalene	11.24	128	172724	19.853	ng/ul	98
30) 4-Chloroaniline	11.34	127	64979	24.425	ng/ul	96
31) Hexachlorobutadiene	11.51	225	56693	23.023	ng/ul	90
32) Caprolactam	12.09	113	17069	18.633	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.44	107	57094	19.451	ng/ul	85
34) 2-Methylnaphthalene	12.82	142	143387	20.382	ng/ul	91

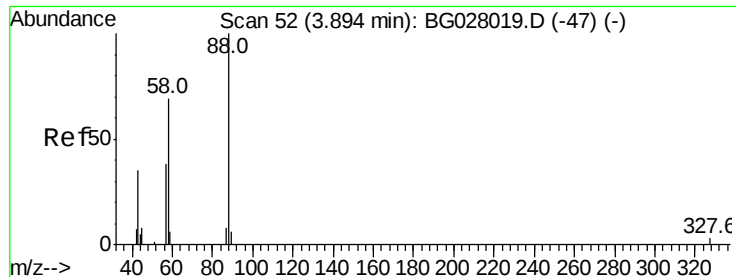
Data Path : Z:\HPCHEM1\BNA G\DATA\BG072517\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	106361	22.375	ng/ul#	87
37) Hexachlorocyclopentadiene	13.15	237	45608	16.216	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	59372	20.705	ng/ul	92
39) 2,4,5-Trichlorophenol	13.49	196	65281	21.185	ng/ul	95
40) 1,1'-Biphenyl	13.81	154	190896	19.765	ng/ul#	98
41) 2-Chloronaphthalene	13.86	162	156813	20.539	ng/ul	93
42) 2-Nitroaniline	14.06	65	37781	17.315	ng/ul#	74
44) Dimethylphthalate	14.41	163	200726	20.119	ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	41007	20.319	ng/ul#	79
47) Acenaphthylene	14.70	152	248694	20.327	ng/ul	96
48) 3-Nitroaniline	14.87	138	36826	20.993	ng/ul#	76
49) Acenaphthene	15.04	153	163518	19.754	ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	18465	15.885	ng/ul#	71
52) 4-Nitrophenol	15.17	109	25423	19.887	ng/ul#	80
53) Dibenzofuran	15.37	168	252656	20.643	ng/ul	87
54) 2,4-Dinitrotoluene	15.33	165	62213	21.148	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.59	232	63449	21.609	ng/ul#	88
56) Diethylphthalate	15.77	149	203046	19.517	ng/ul#	94
58) Fluorene	16.02	166	213614	20.301	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.00	204	125149	21.450	ng/ul#	74
60) 4-Nitroaniline	16.04	138	40598	19.502	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	16.09	198	41870	18.178	ng/ul#	83
64) N-Nitrosodiphenylamine	16.21	169	177456	18.982	ng/ul	93
65) 4-Bromophenyl-phenylether	16.90	248	88477	20.932	ng/ul	88
66) Hexachlorobenzene	17.03	284	98328	22.126	ng/ul#	91
67) Atrazine	17.15	200	82865	20.145	ng/ul	96
68) Pentachlorophenol	17.37	266	43827	18.153	ng/ul	96
69) Phenanthrene	17.77	178	348715	19.616	ng/ul	99
71) Anthracene	17.85	178	363361	19.941	ng/ul	99
72) Carbazole	18.12	167	302817	20.156	ng/ul	97
73) Di-n-butylphthalate	18.65	149	332930	20.211	ng/ul#	96
74) Fluoranthene	19.76	202	470212	21.608	ng/ul#	94
77) Pyrene	20.12	202	495140	19.686	ng/ul#	94
78) Butylbenzylphthalate	20.99	149	151755	18.820	ng/ul#	79
79) 3,3'-Dichlorobenzidine	21.94	252	168487	21.830	ng/ul	95
80) Benzo(a)anthracene	22.04	228	526299	20.494	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.90	149	217183	18.902	ng/ul#	95
82) Chrysene	22.11	228	472714	20.224	ng/ul	98
84) Di-n-octyl phthalate	23.21	149	375597	17.527	ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	527581	20.009	ng/ul	99
86) Benzo(k)fluoranthene	24.52	252	524570	20.283	ng/ul	97
88) Benzo(a)pyrene	25.40	252	518037	20.333	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.60	276	610530	21.131	ng/ul	96
90) Dibenzo(a,h)anthracene	29.67	278	514860	21.229	ng/ul	97
91) Benzo(g,h,i)perylene	30.87	276	494583	20.749	ng/ul	97

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



#2

1,4-Dioxane

Concen: 6.846 ng/uL

RT: 3.89 min Scan# 52

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

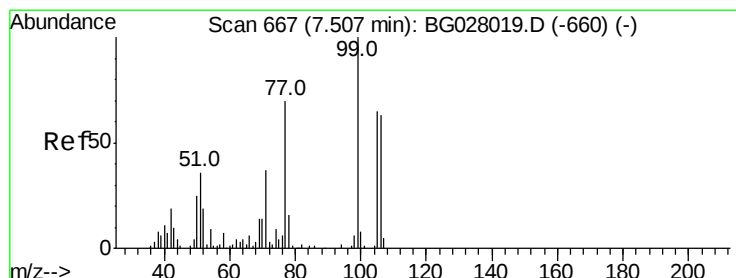
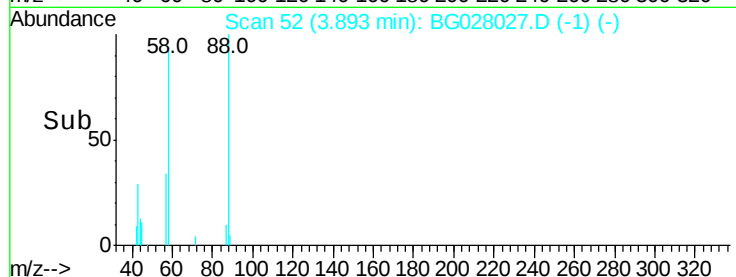
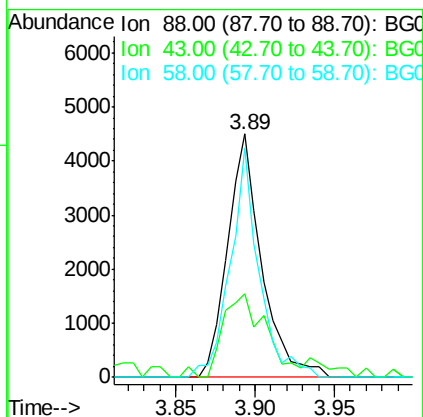
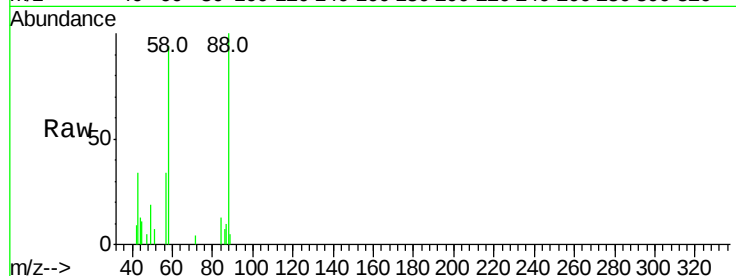
Tot Ion: 88 Resp: 6709

Ion Ratio Lower Upper

88 100

43 34.4 39.2 58.8#

58 94.0 69.4 104.0



#4

Benzaldehyde

Concen: 18.057 ng/uL

RT: 7.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

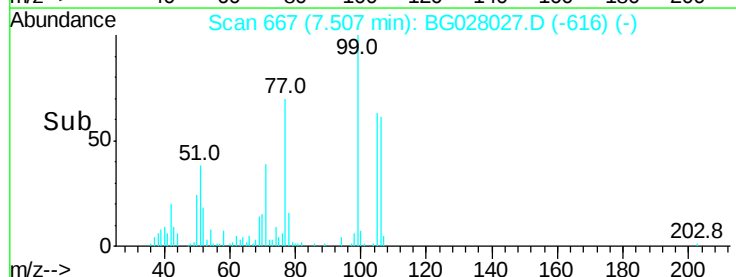
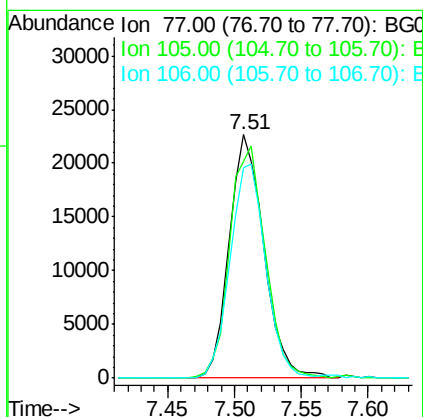
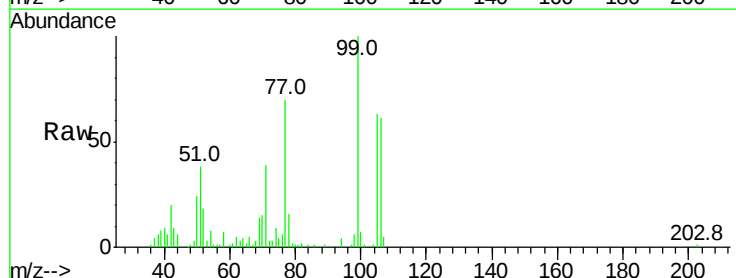
Tgt Ion: 77 Resp: 40986

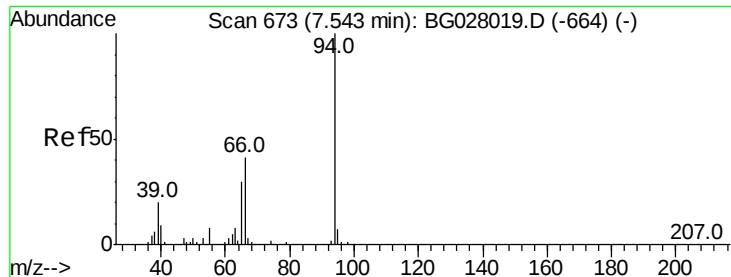
Ion Ratio Lower Upper

77 100

105 88.9 62.0 93.0

106 86.3 60.2 90.4





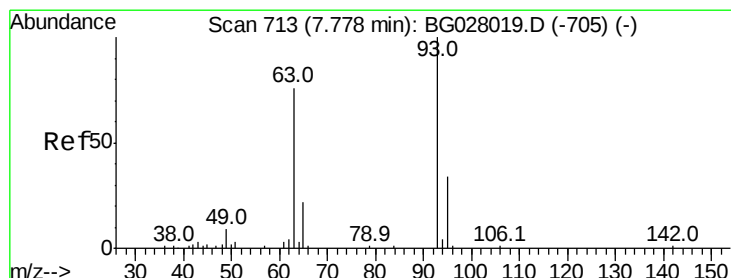
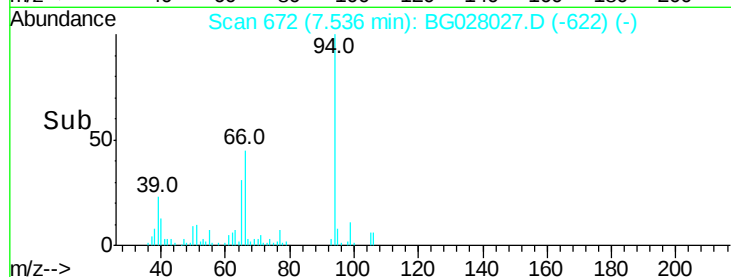
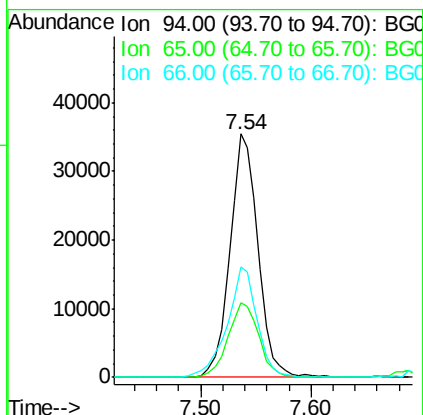
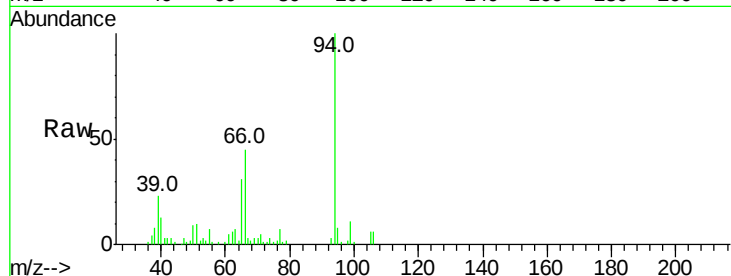
#6

Phenol

Concen: 17.723 ng/ul
 RT: 7.54 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02070

Tot Ion: 94 Resp: 62946
 Ion Ratio Lower Upper
 94 100
 65 30.7 26.8 40.2
 66 45.3 44.4 66.6

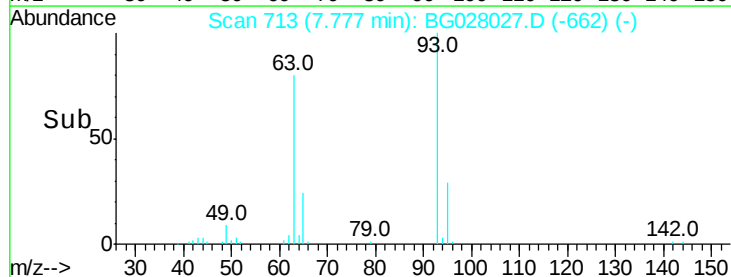
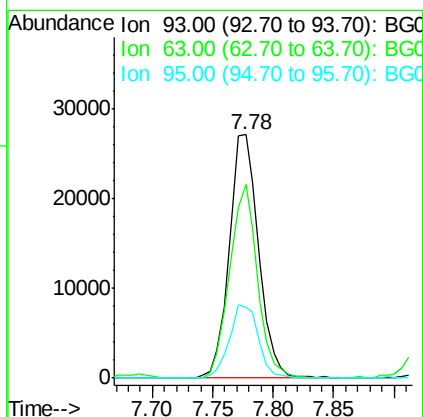
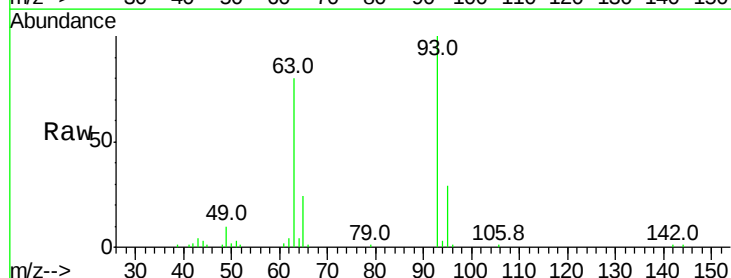


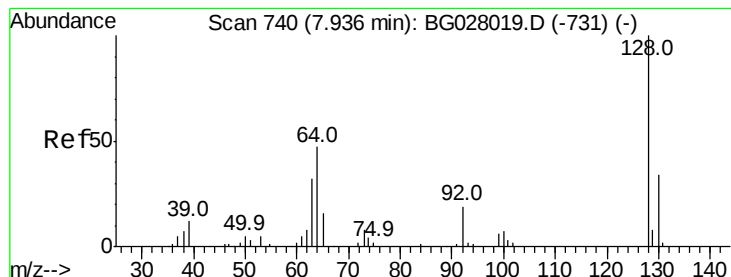
#8

Bis(2-Chloroethyl)ether

Concen: 17.954 ng/ul
 RT: 7.78 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion: 93 Resp: 45960
 Ion Ratio Lower Upper
 93 100
 63 79.7 75.5 113.3
 95 28.9 29.2 43.8#





#10

2-Chlorophenol

Concen: 20.089 ng/ul

RT: 7.93 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

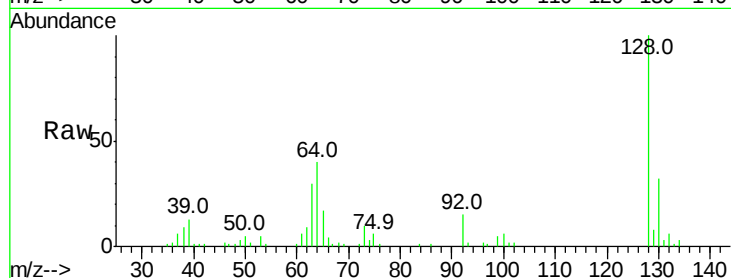
Tot Ion:128 Resp: 53701

Ion Ratio Lower Upper

128 100

64 39.6 56.3 84.5#

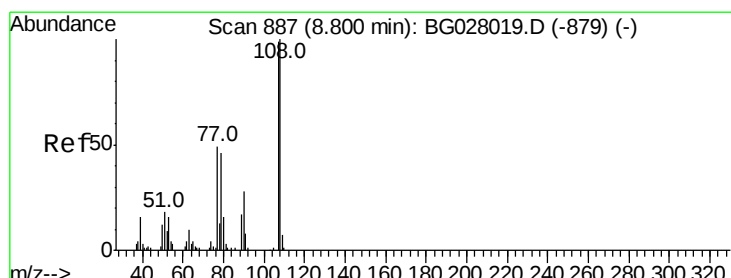
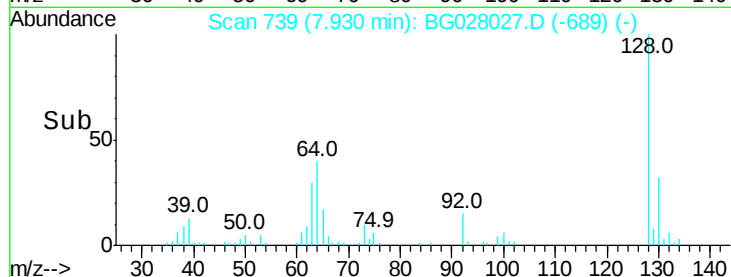
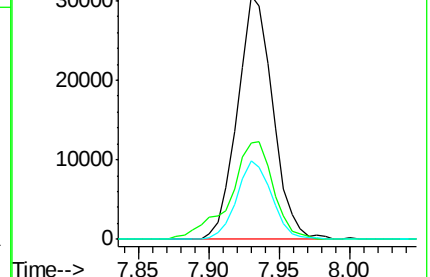
130 32.2 26.7 40.1



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: 17.748 ng/ul

RT: 8.79 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG028027.D

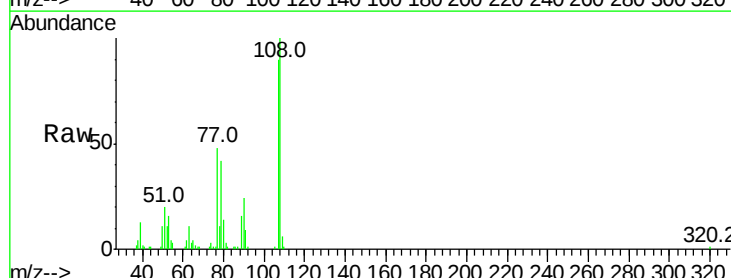
Acq: 25 Jul 2017 16:18

Tgt Ion:108 Resp: 46288

Ion Ratio Lower Upper

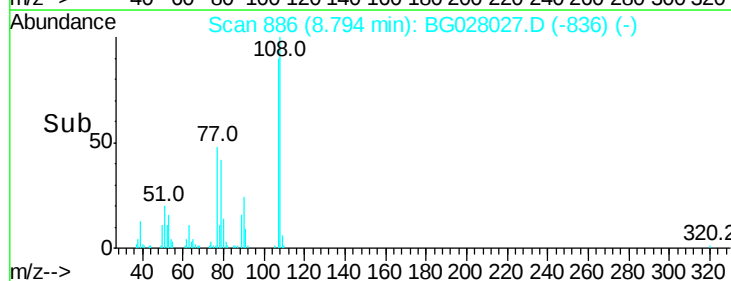
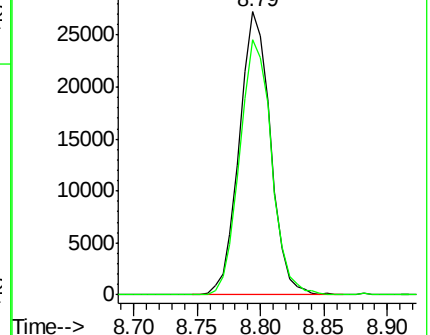
108 100

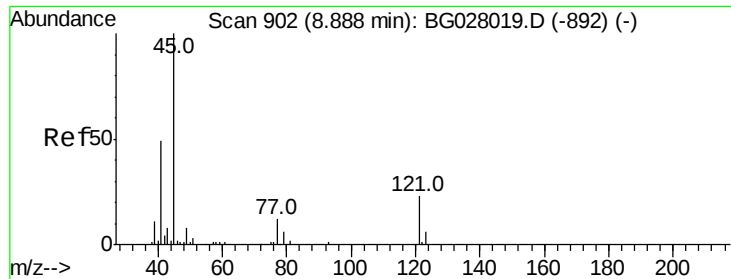
107 90.4 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

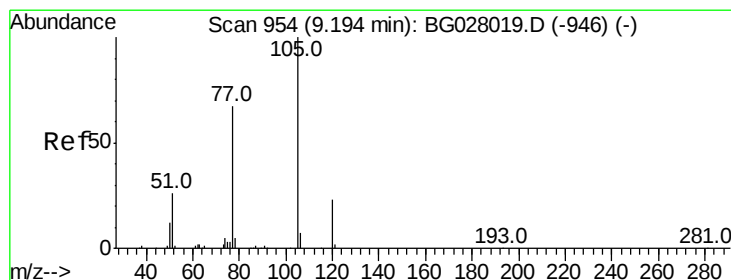
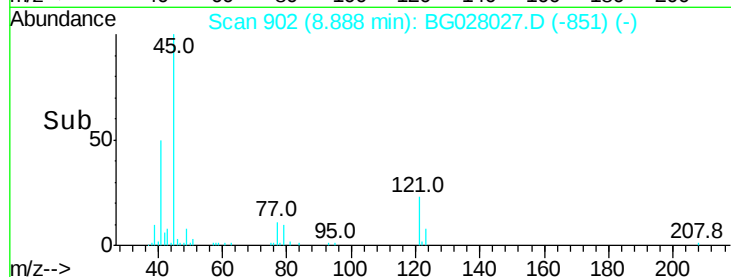
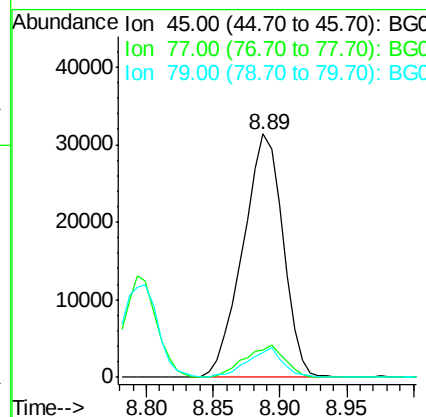
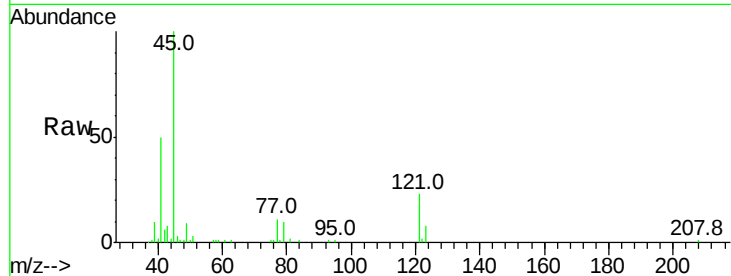




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 13.525 ng/ul
RT: 8.89 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

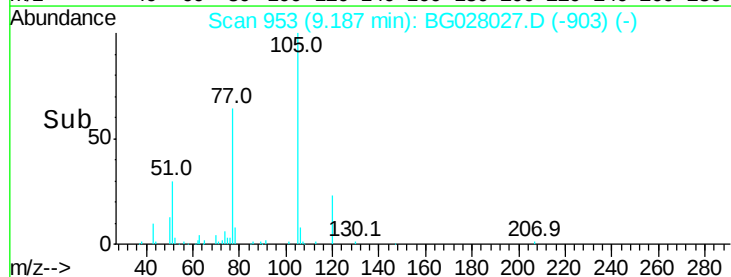
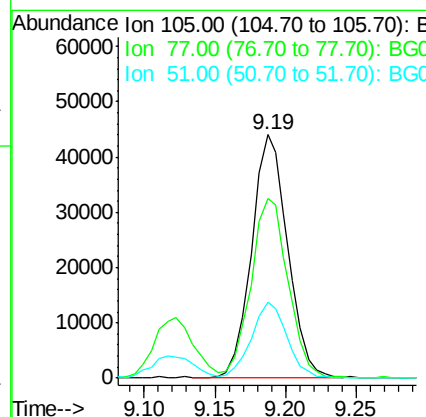
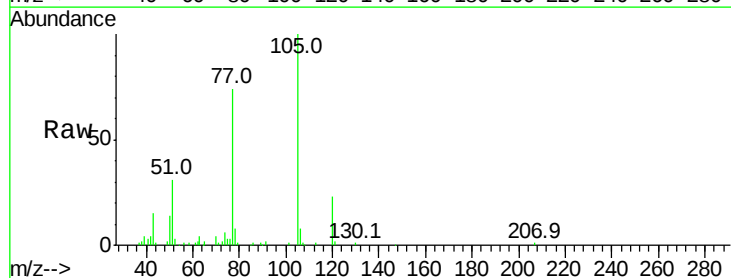
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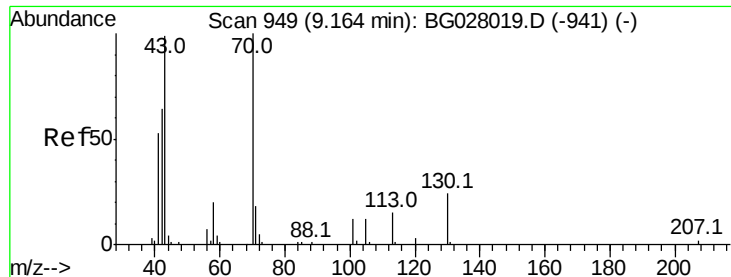
Tot Ion: 45 Resp: 65290
Ion Ratio Lower Upper
45 100
77 11.4 10.0 15.0
79 10.4 7.3 10.9



#14
Acetophenone
Concen: 18.479 ng/ul
RT: 9.19 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:105 Resp: 78924
Ion Ratio Lower Upper
105 100
77 73.5 76.0 114.0#
51 31.4 34.8 52.2#





#15

N-Nitroso-di-n-propylamine

Concen: 16.948 ng/ul

RT: 9.16 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

Tot Ion: 70 Resp: 37114

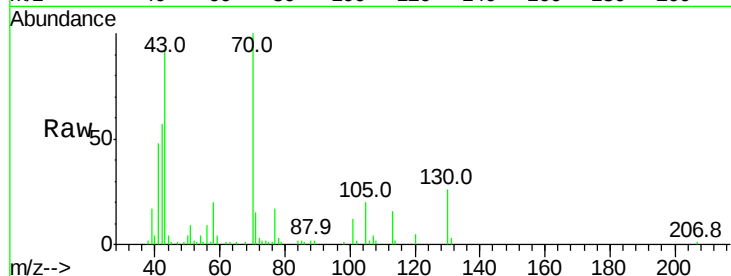
Ion Ratio Lower Upper

70 100

42 56.7 59.0 88.6#

101 12.3 6.6 9.8#

130 26.1 15.6 23.4#

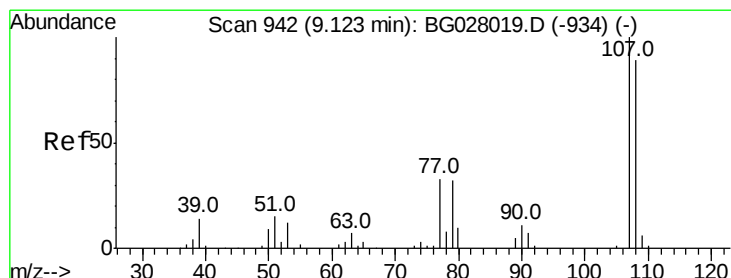
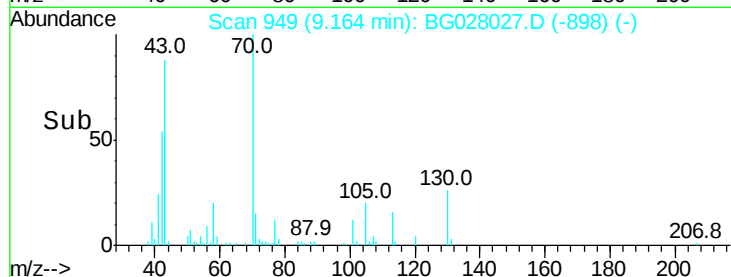
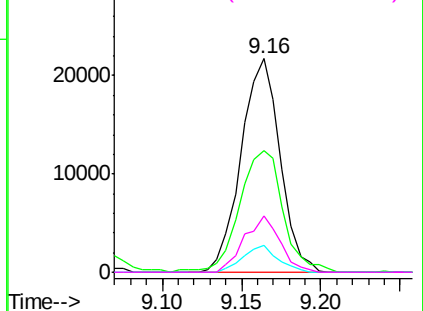


Abundance Ion 70.00 (69.70 to 70.70): BG028019.D (-941) (-)

Ion 42.00 (41.70 to 42.70): BG028019.D (-941) (-)

Ion 101.00 (100.70 to 101.70): BG028019.D (-941) (-)

Ion 130.00 (129.70 to 130.70): BG028019.D (-941) (-)



#16

4-Methylphenol

Concen: 18.074 ng/ul

RT: 9.12 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG028027.D

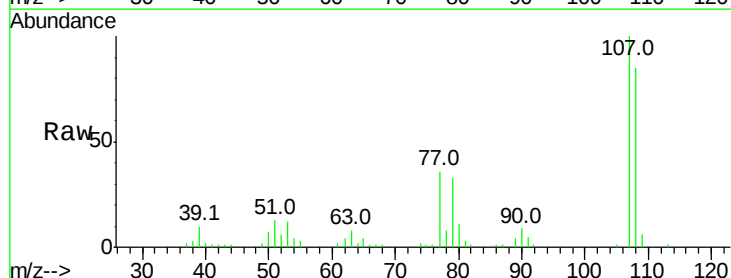
Acq: 25 Jul 2017 16:18

Tgt Ion: 108 Resp: 51656

Ion Ratio Lower Upper

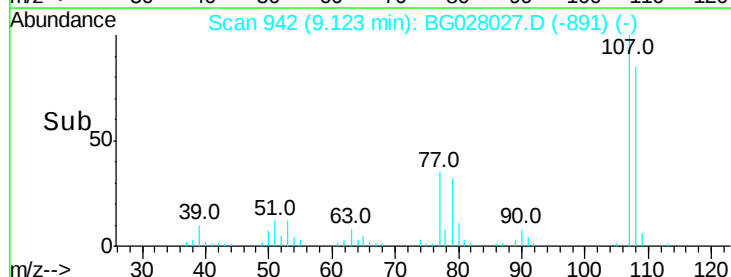
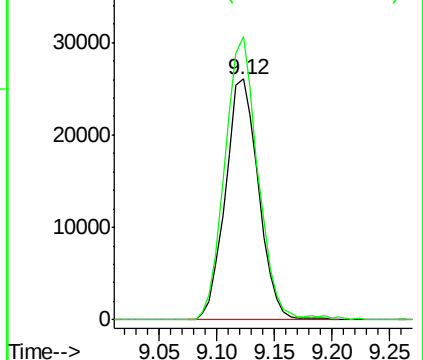
108 100

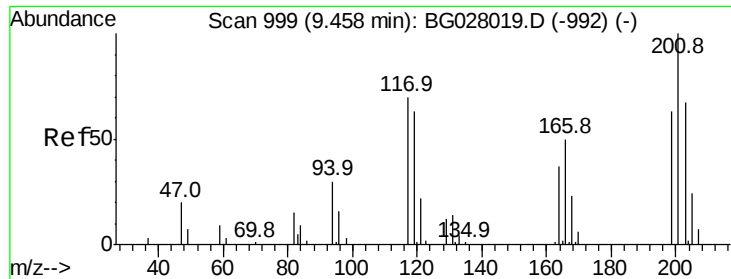
107 117.5 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BG028019.D (-934) (-)

Ion 107.00 (106.70 to 107.70): BG028019.D (-934) (-)

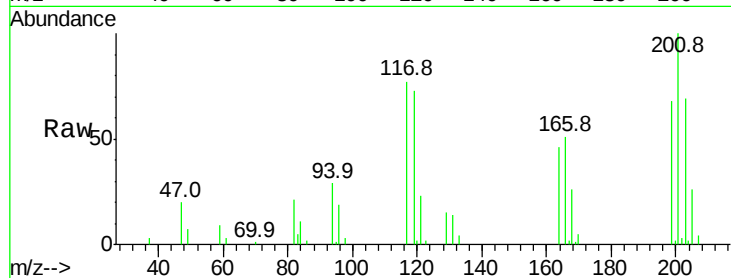




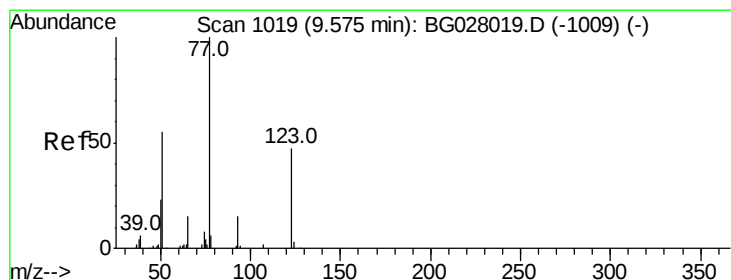
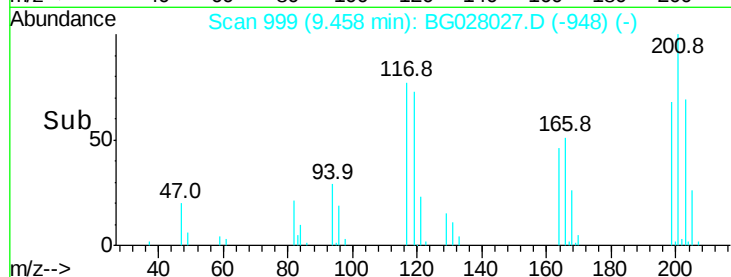
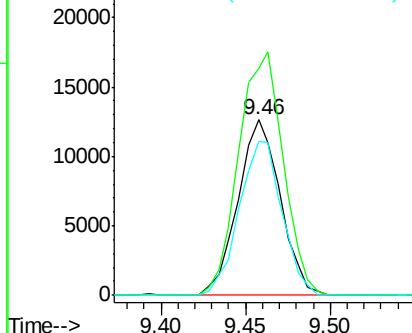
#17
Hexachloroethane
Concen: 20.501 ng/ul
RT: 9.46 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_G
ClientSampleId :
SSTD02070

Tot Ion:117 Resp: 22070
Ion Ratio Lower Upper
117 100
201 129.1 91.9 137.9
199 90.6 64.3 96.5

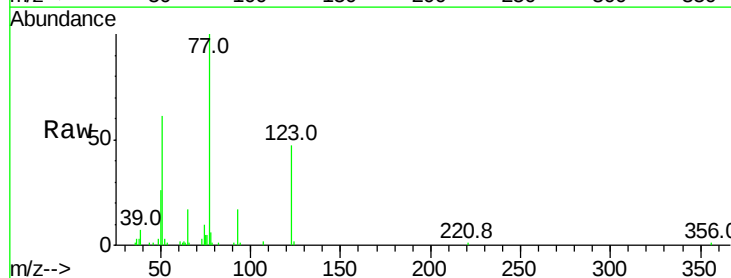


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

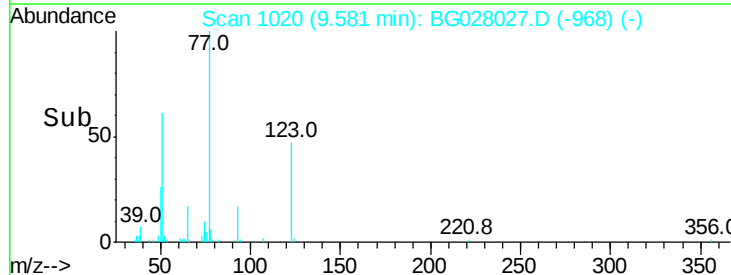
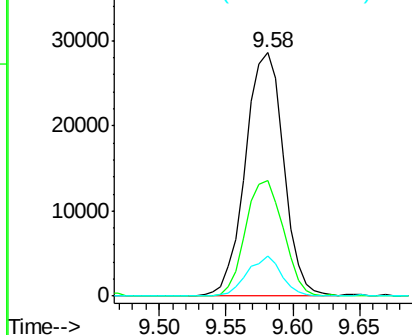


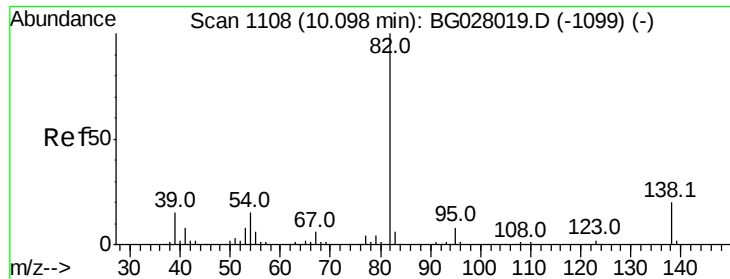
#20
Nitrobenzene
Concen: 18.147 ng/ul
RT: 9.58 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion: 77 Resp: 56674
Ion Ratio Lower Upper
77 100
123 47.3 27.4 41.0#
65 16.5 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: 17.573 ng/ul

RT: 10.09 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

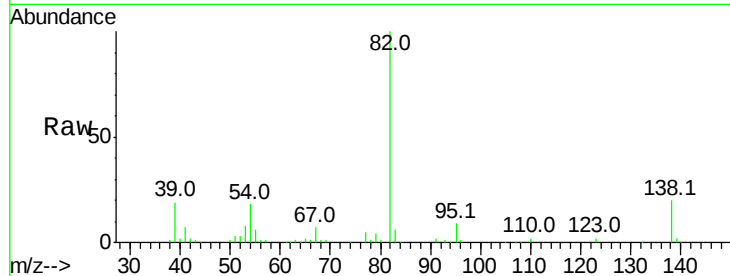
Tot Ion: 82 Resp: 99959

Ion Ratio Lower Upper

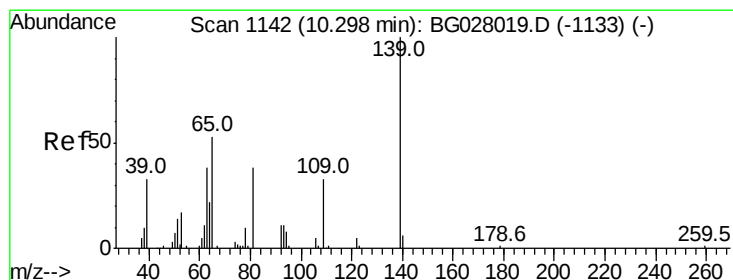
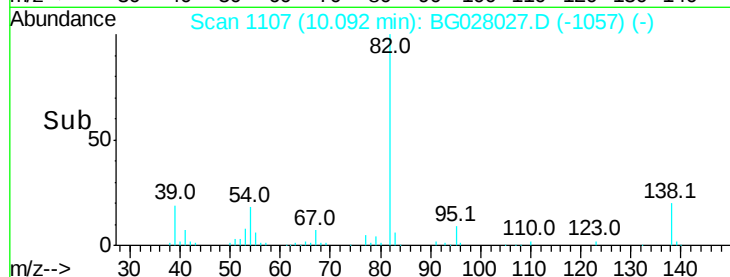
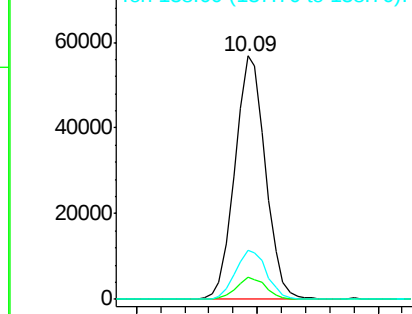
82 100

95 9.0 7.8 11.6

138 19.9 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: 20.419 ng/ul

RT: 10.30 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

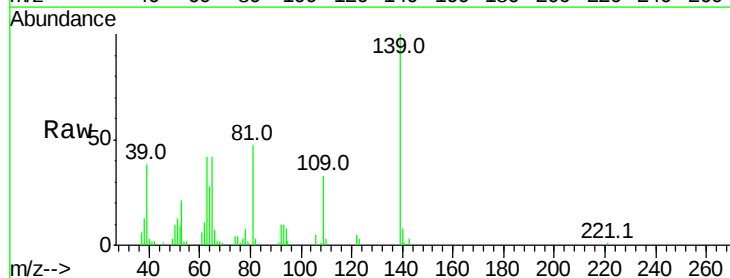
Tgt Ion: 139 Resp: 31939

Ion Ratio Lower Upper

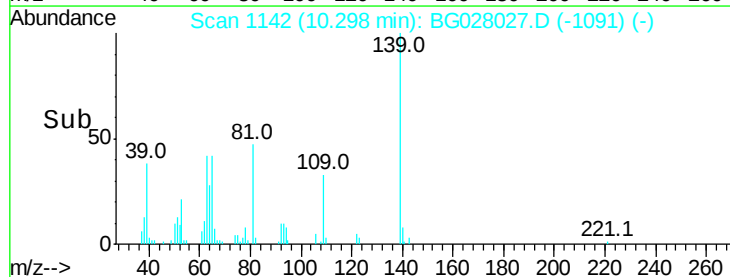
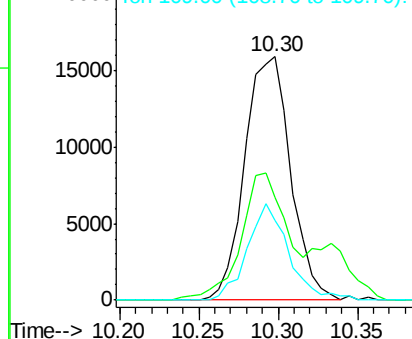
139 100

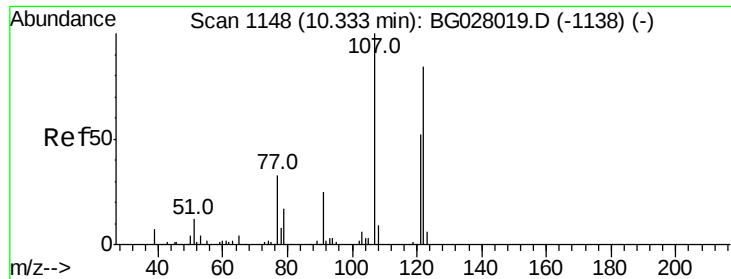
65 42.3 67.0 100.6#

109 33.0 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

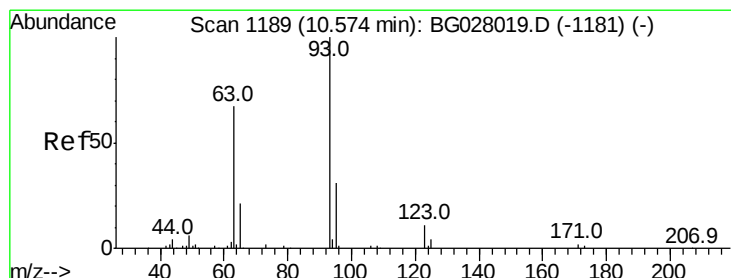
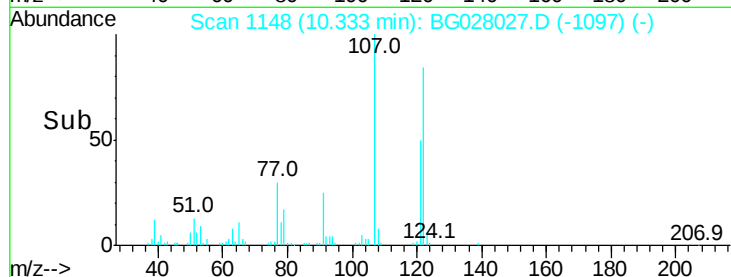
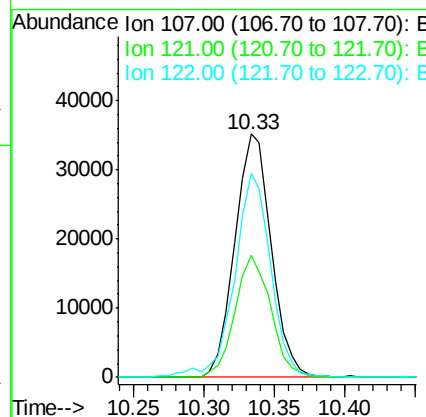
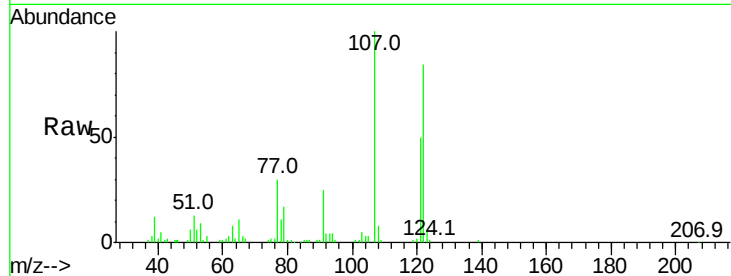




#24
 2,4-Dimethylphenol
 Concen: 19.315 ng/ul
 RT: 10.33 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

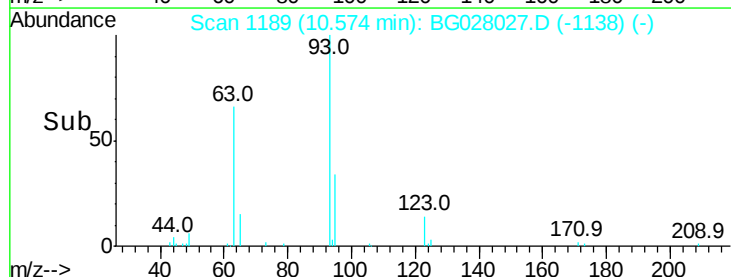
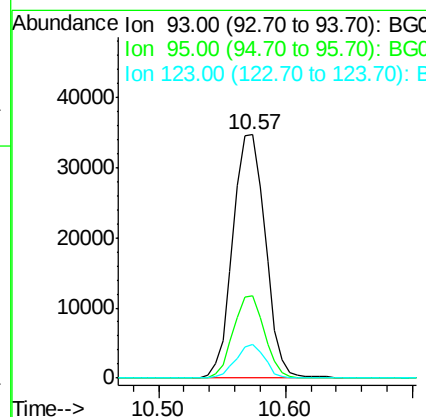
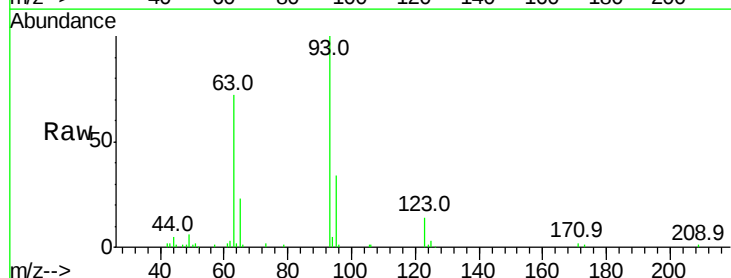
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02070

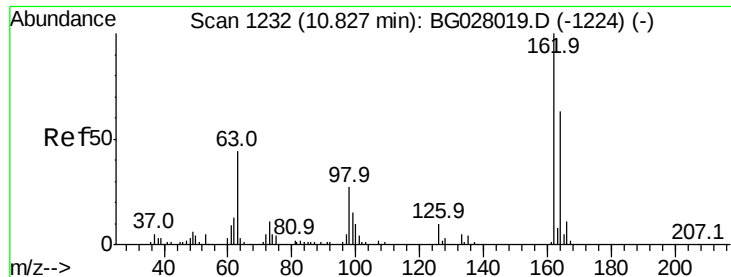
Tot Ion:107 Resp: 63220
 Ion Ratio Lower Upper
 107 100
 121 49.9 32.3 48.5#
 122 83.7 61.2 91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.073 ng/ul
 RT: 10.57 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion: 93 Resp: 61674
 Ion Ratio Lower Upper
 93 100
 95 33.8 23.4 35.0
 123 13.8 7.8 11.6#





#27

2,4-Dichlorophenol

Concen: 20.595 ng/ul

RT: 10.83 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

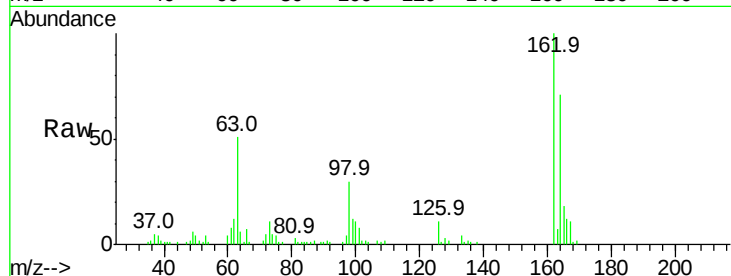
Tot Ion:162 Resp: 63407

Ion Ratio Lower Upper

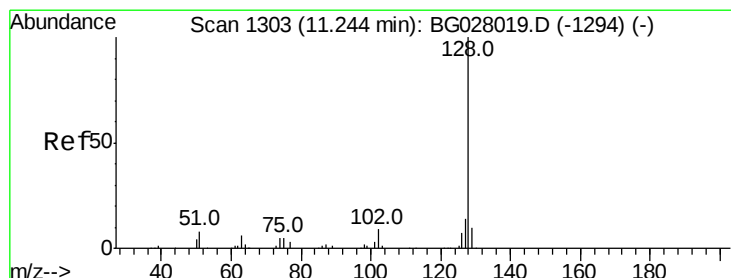
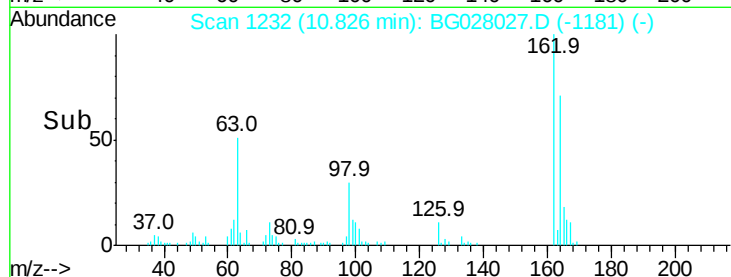
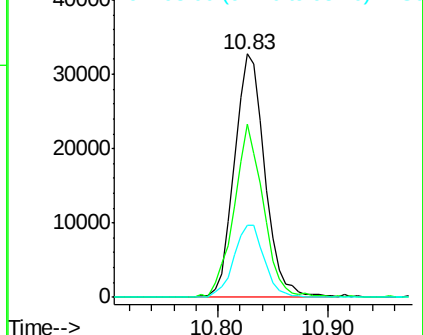
162 100

164 71.4 50.8 76.2

98 29.8 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: 19.853 ng/ul

RT: 11.24 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

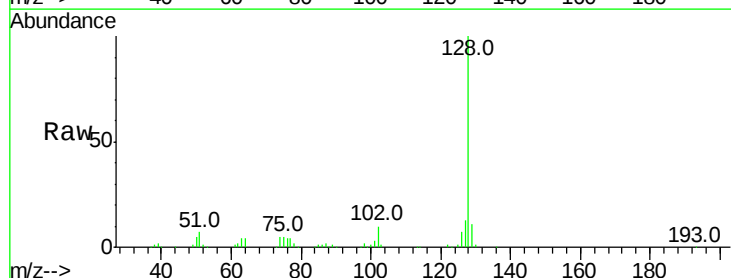
Tgt Ion:128 Resp: 172724

Ion Ratio Lower Upper

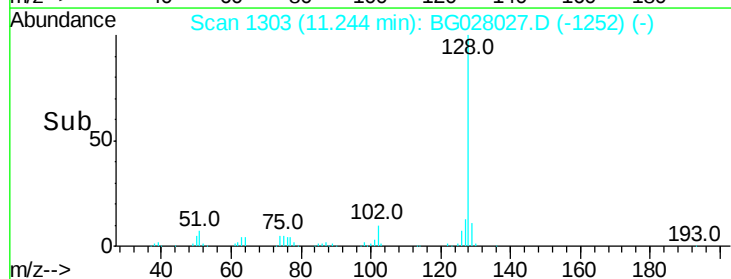
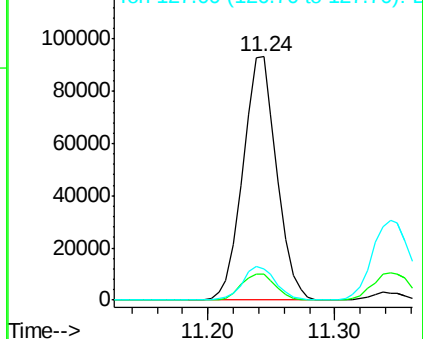
128 100

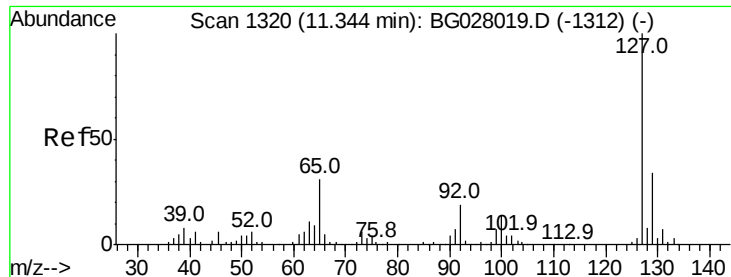
129 10.5 9.4 14.2

127 12.9 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

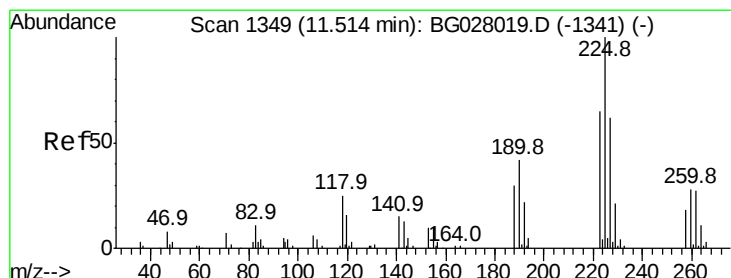
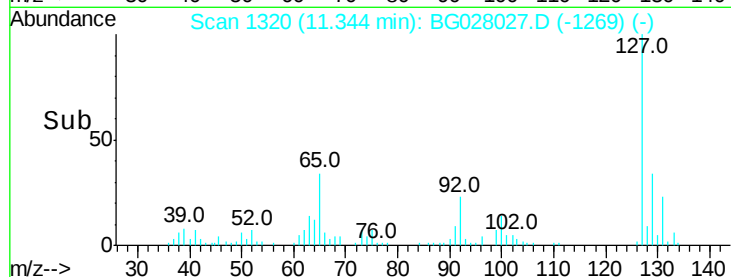
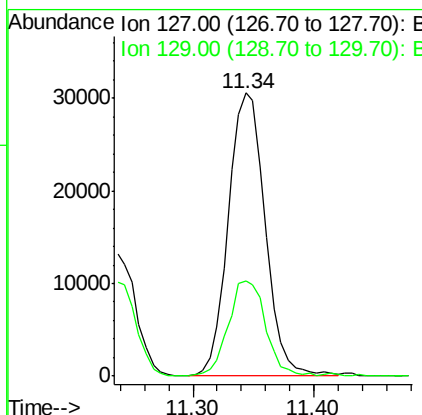
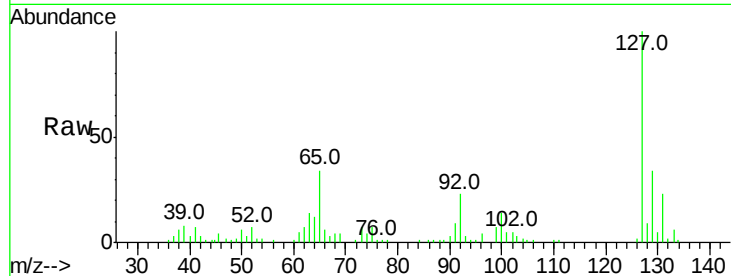




#30
4-Chloroaniline
Concen: 24.425 ng/ul
RT: 11.34 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

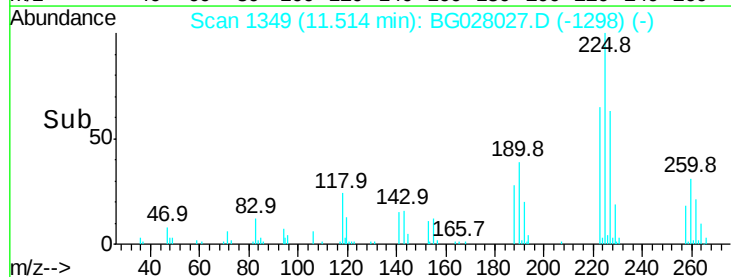
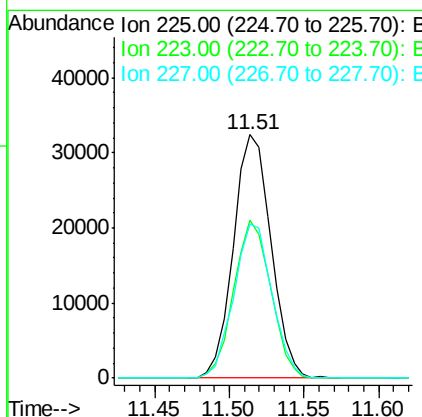
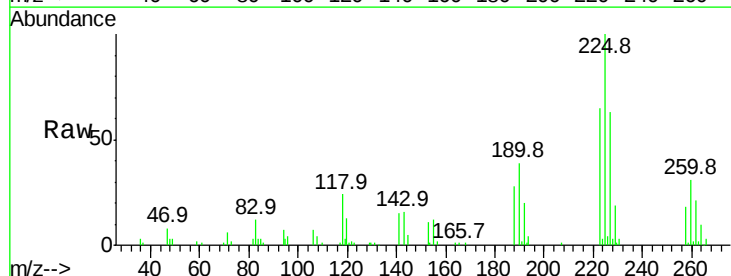
Instrument :
BNA_G
ClientSampleId :
SSTD02070

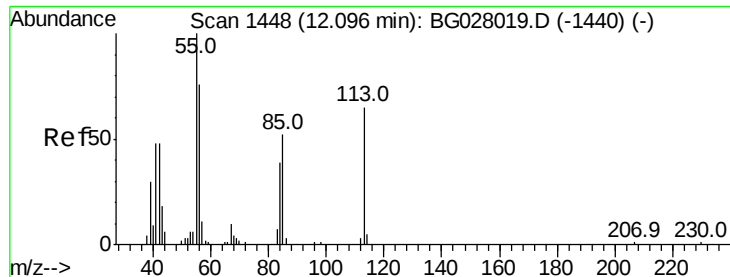
Tot Ion:127 Resp: 64979
Ion Ratio Lower Upper
127 100
129 33.8 28.9 43.3



#31
Hexachlorobutadiene
Concen: 23.023 ng/ul
RT: 11.51 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:225 Resp: 56693
Ion Ratio Lower Upper
225 100
223 64.8 45.9 68.9
227 63.3 44.7 67.1





#32

Caprolactam

Concen: 18.633 ng/ul

RT: 12.09 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

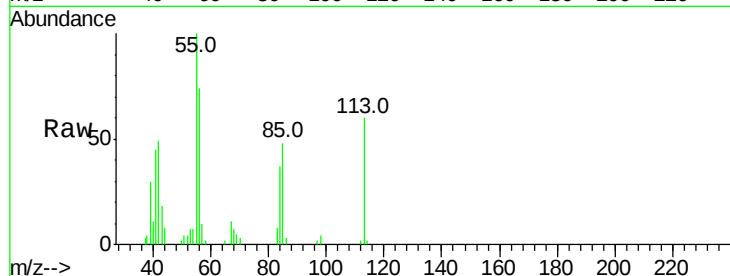
Tot Ion:113 Resp: 17069

Ion Ratio Lower Upper

113 100

55 166.5 168.6 252.8#

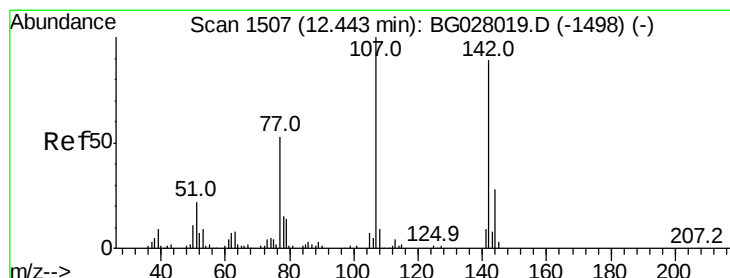
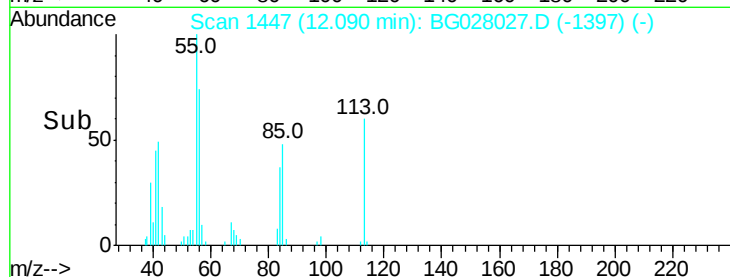
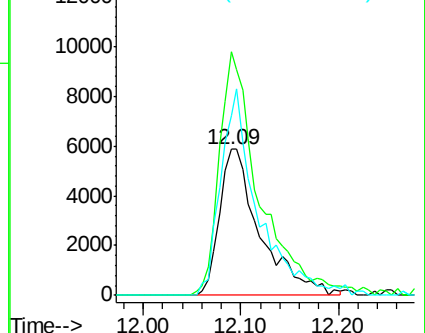
56 123.1 128.5 192.7#



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: 19.451 ng/ul

RT: 12.44 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

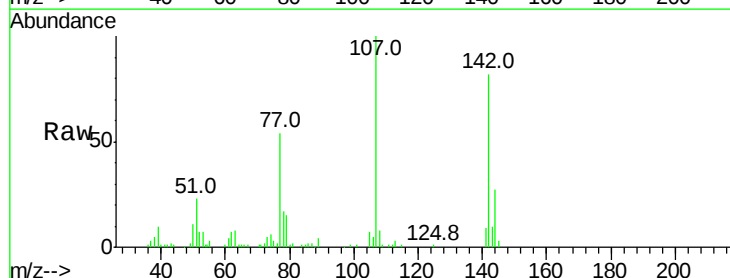
Tgt Ion:107 Resp: 57094

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

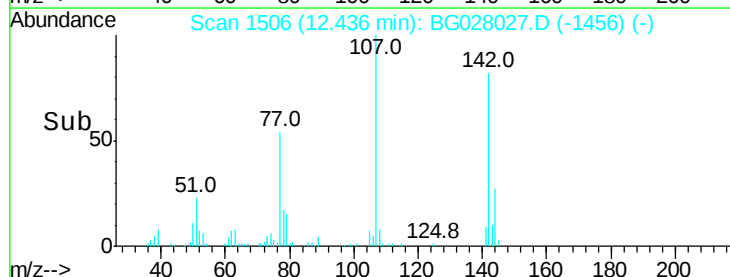
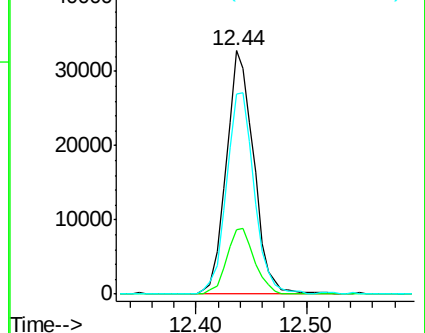
142 82.4 55.0 82.4

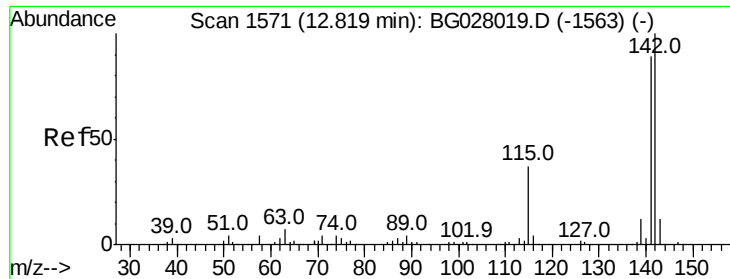


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

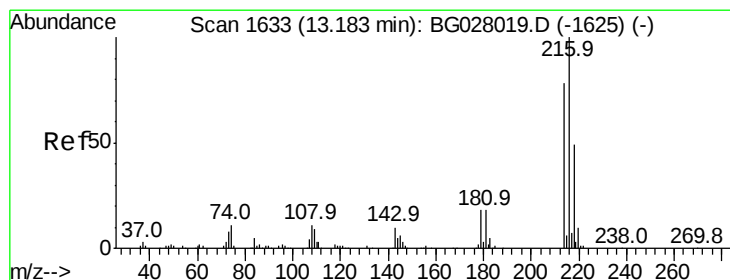
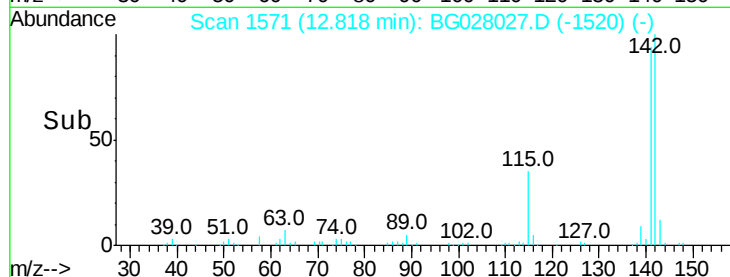
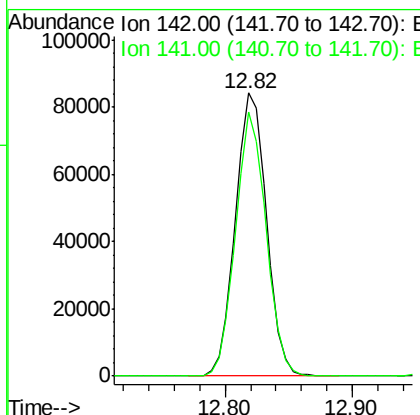
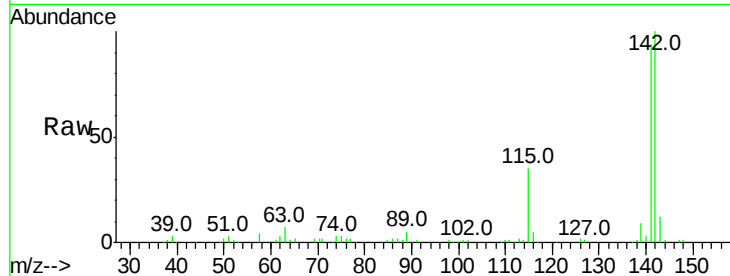




#34
2-Methylnaphthalene
Concen: 20.382 ng/ul
RT: 12.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

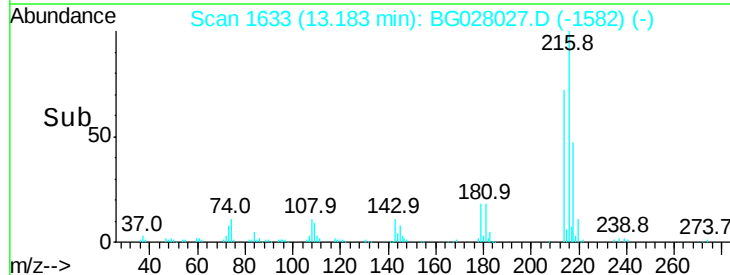
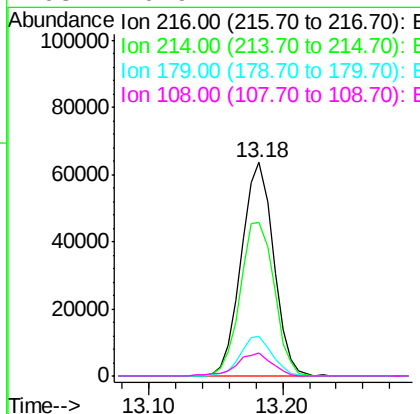
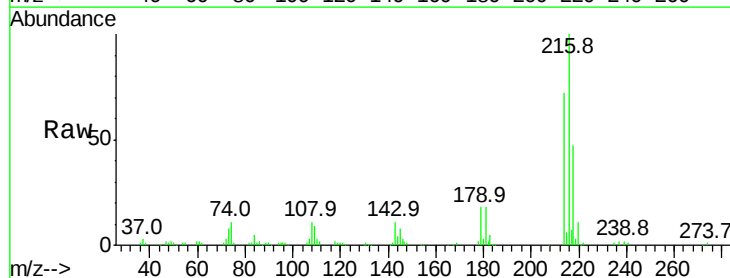
Instrument :
BNA_G
ClientSampleId :
SSTD02070

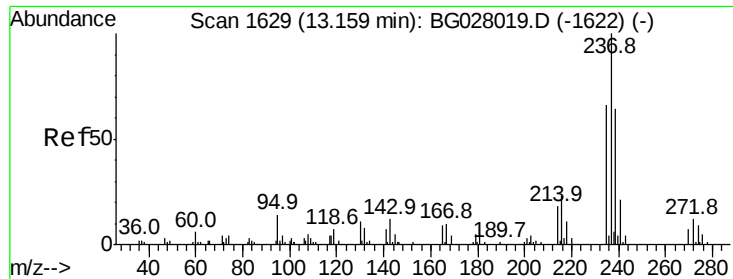
Tot Ion:142 Resp: 143387
Ion Ratio Lower Upper
142 100
141 93.6 68.6 102.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.375 ng/ul
RT: 13.18 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:216 Resp: 106361
Ion Ratio Lower Upper
216 100
214 71.9 67.0 100.6
179 18.4 18.1 27.1
108 10.9 14.1 21.1#

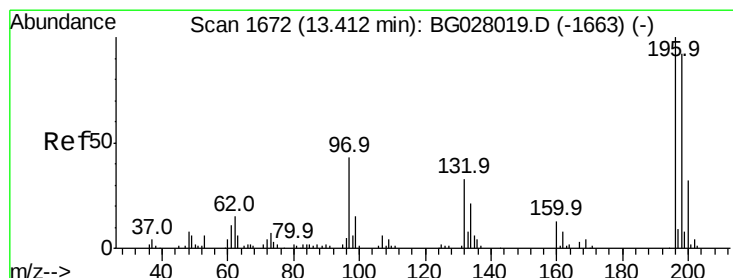
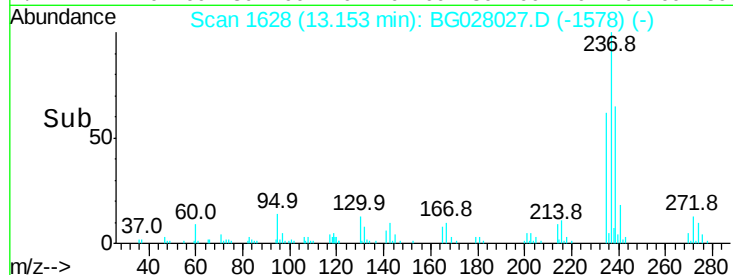
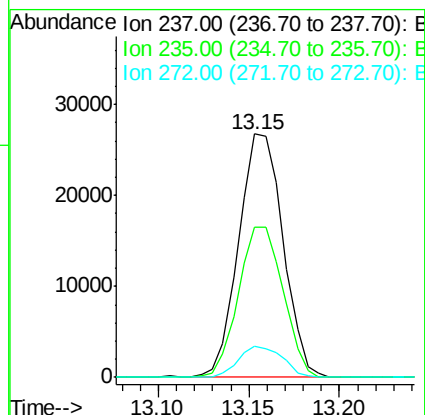
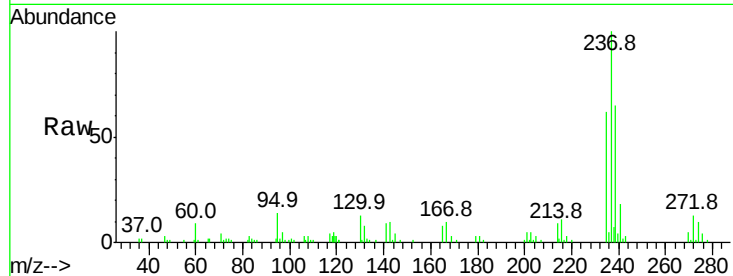




#37
Hexachlorocyclopentadiene
Concen: 16.216 ng/ul
RT: 13.15 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

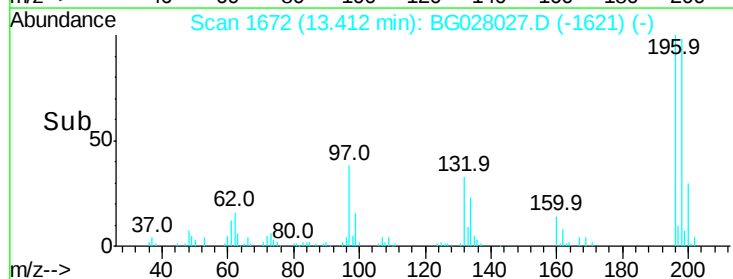
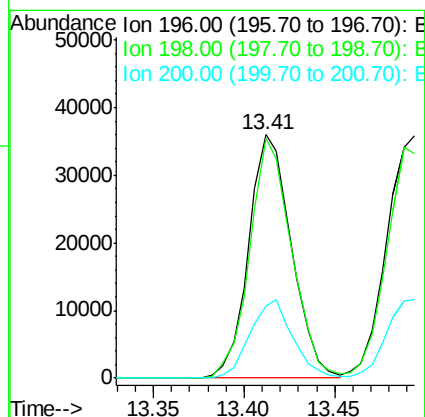
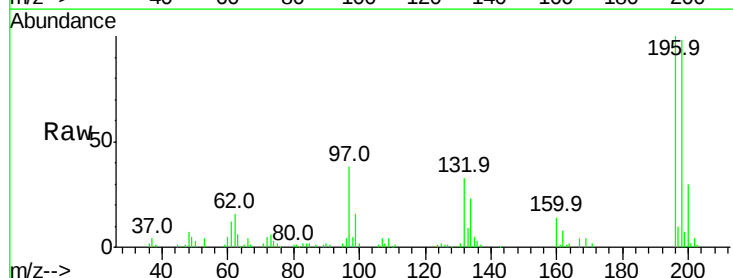
Instrument :
BNA_G
ClientSampleId :
SSTD02070

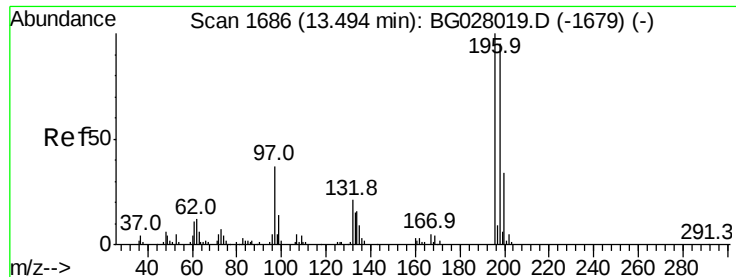
Tot Ion:237 Resp: 45608
Ion Ratio Lower Upper
237 100
235 61.6 50.2 75.4
272 13.7 10.6 16.0



#38
2,4,6-Trichlorophenol
Concen: 20.705 ng/ul
RT: 13.41 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:196 Resp: 59372
Ion Ratio Lower Upper
196 100
198 98.4 71.4 107.2
200 29.6 24.6 37.0

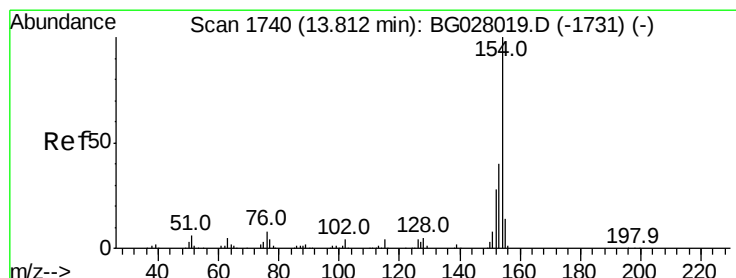
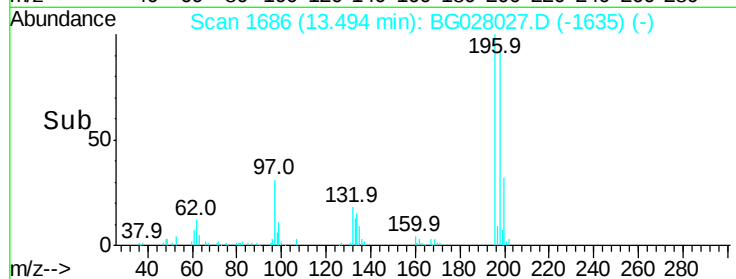
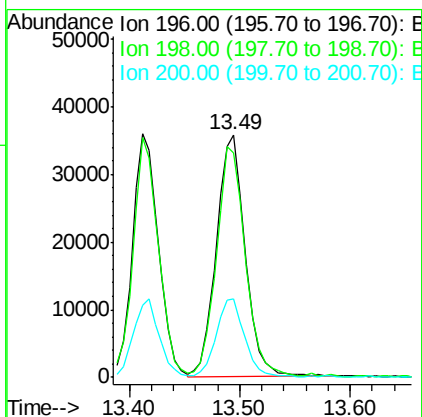
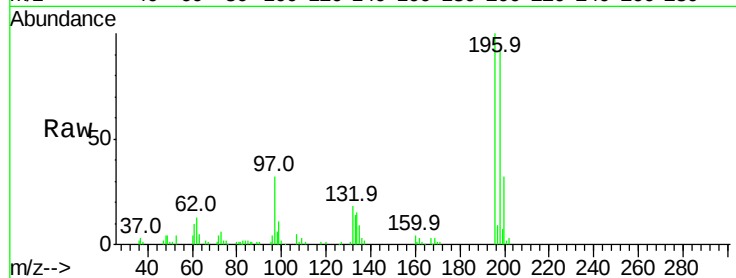




#39
 2,4,5-Trichlorophenol
 Concen: 21.185 ng/ul
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

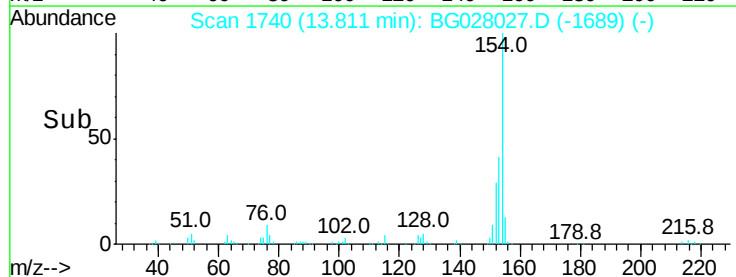
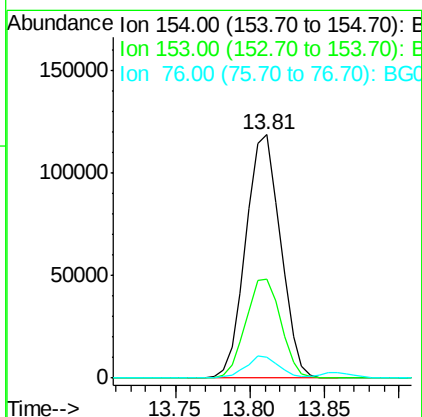
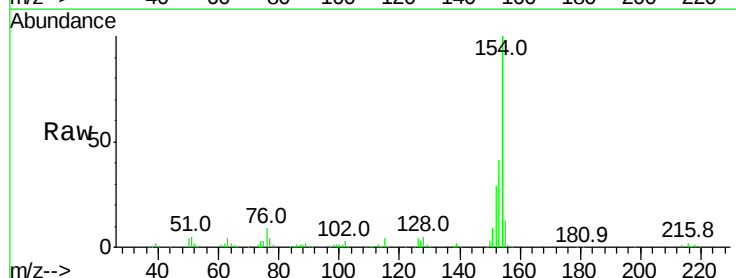
Instrument :
 BNA_G
 ClientSampleId :
 SST02070

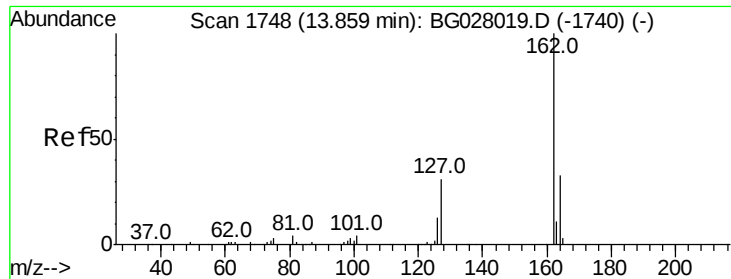
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	78.6	118.0
200	32.2	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 19.765 ng/ul
 RT: 13.81 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.2	48.2
76	8.8	9.6	14.4#

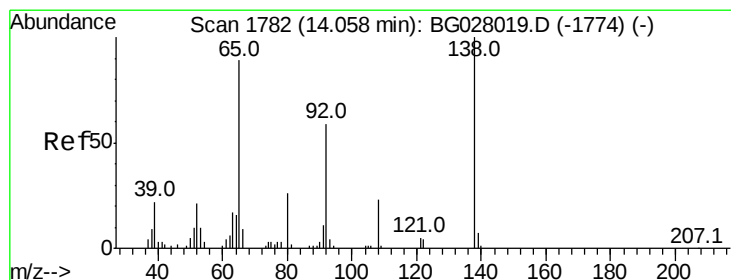
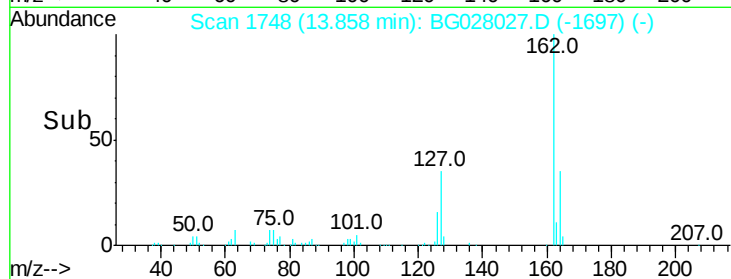
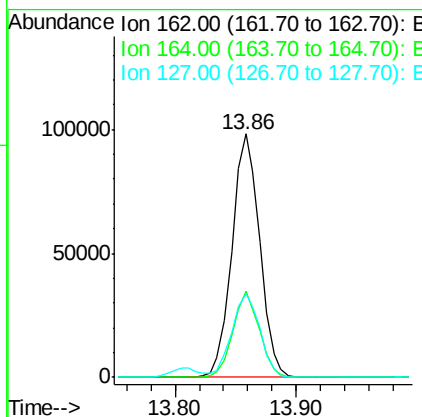
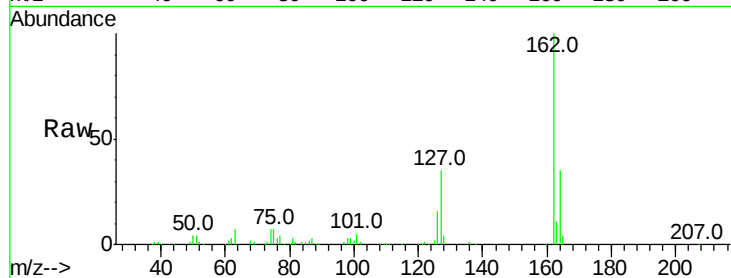




#41
 2-Chloronaphthalene
 Concen: 20.539 ng/ul
 RT: 13.86 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

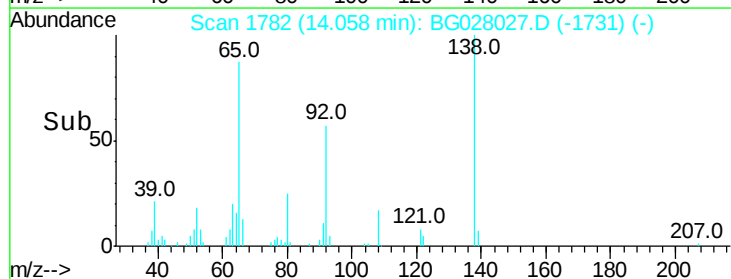
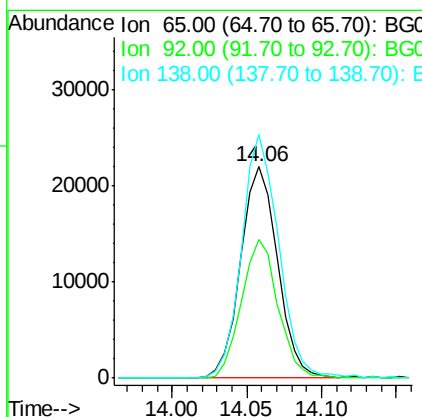
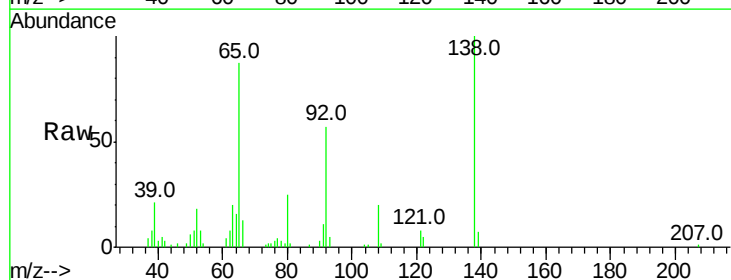
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02070

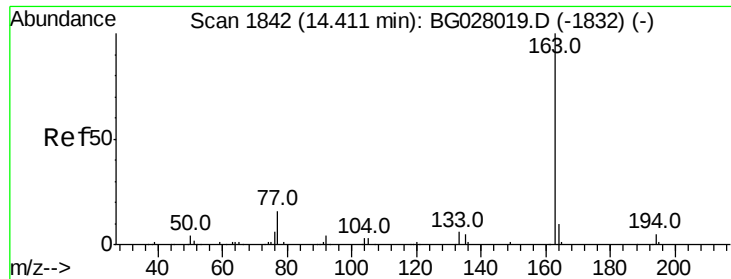
Tot Ion:162 Resp: 156813
 Ion Ratio Lower Upper
 162 100
 164 35.5 25.0 37.6
 127 34.6 30.7 46.1



#42
 2-Nitroaniline
 Concen: 17.315 ng/ul
 RT: 14.06 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion: 65 Resp: 37781
 Ion Ratio Lower Upper
 65 100
 92 65.9 50.9 76.3
 138 115.4 61.8 92.6#





#44

Dimethylphthalate

Concen: 20.119 ng/ul

RT: 14.41 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

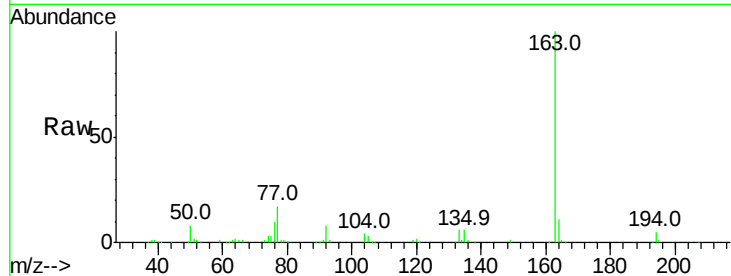
Tot Ion:163 Resp: 200726

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

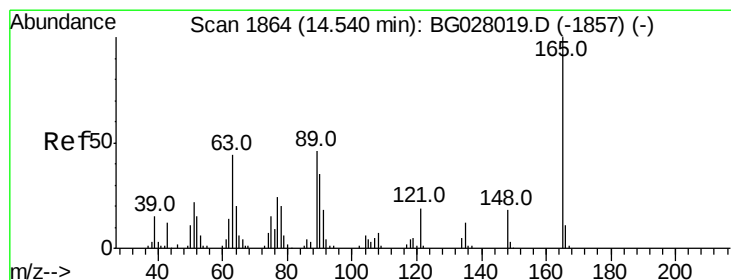
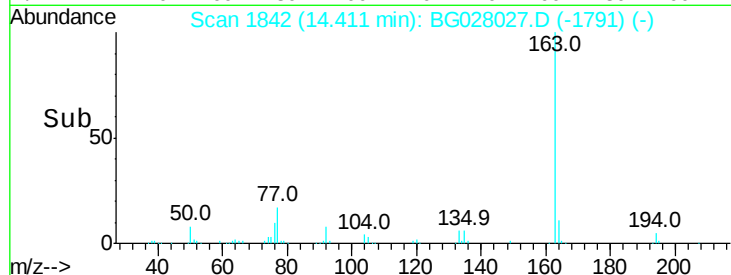
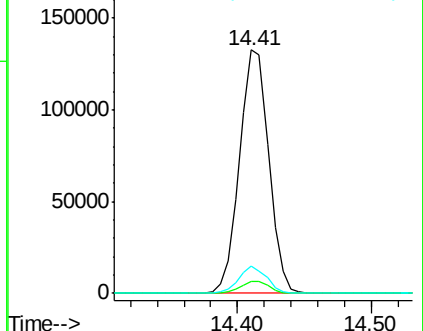
164 11.4 9.0 13.4



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: 20.319 ng/ul

RT: 14.54 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

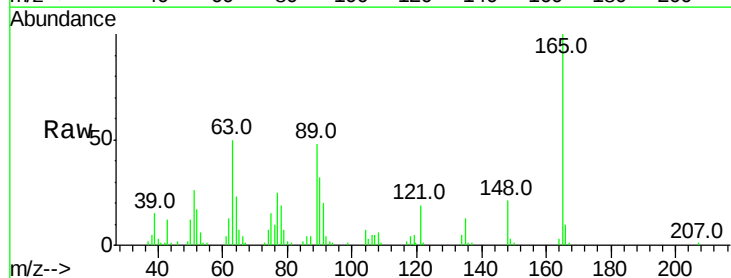
Tgt Ion:165 Resp: 41007

Ion Ratio Lower Upper

165 100

89 47.7 52.9 79.3#

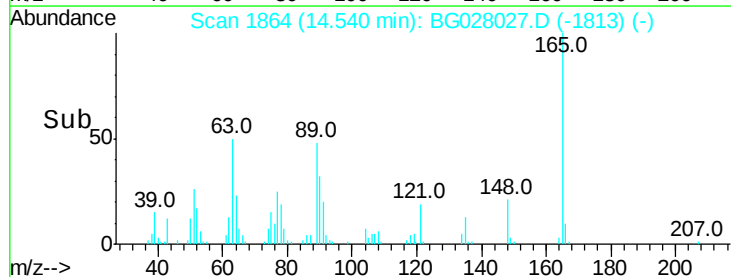
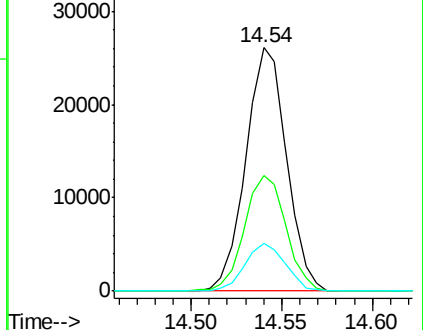
121 19.5 22.2 33.4#

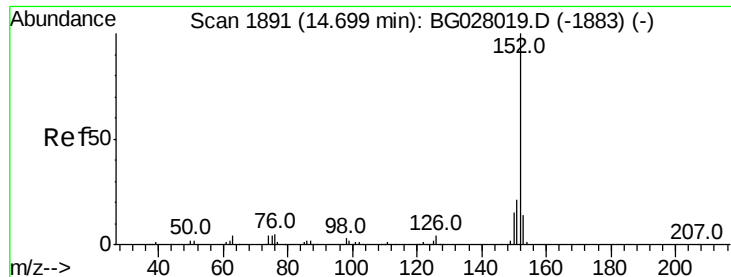


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BGC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.327 ng/ul

RT: 14.70 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

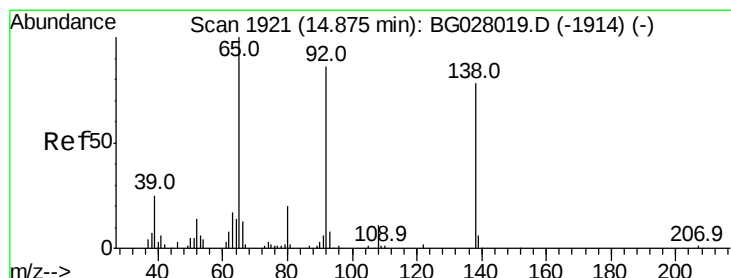
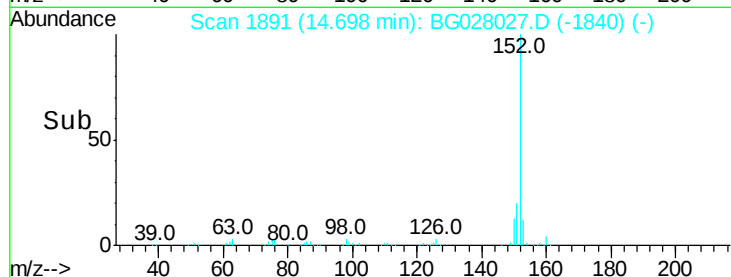
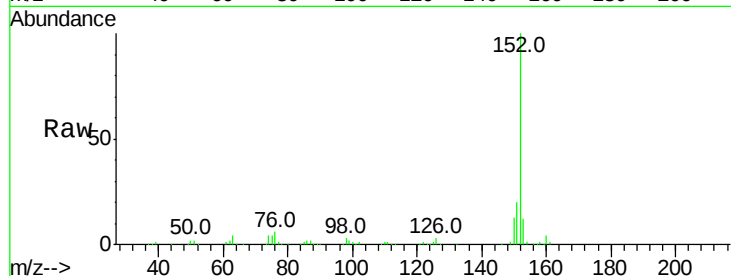
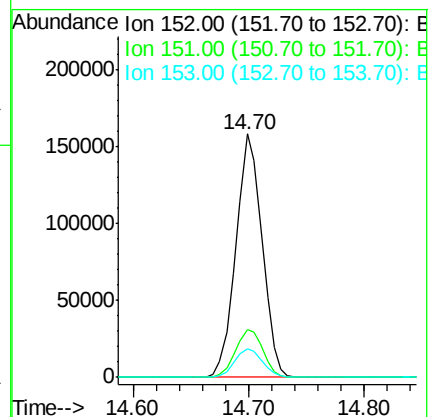
BNA_G

ClientSampleId :

SSTD02070

Tot Ion:152 Resp: 248694

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.7	25.1
153	11.8	11.4	17.2



#48

3-Nitroaniline

Concen: 20.993 ng/ul

RT: 14.87 min Scan# 1921

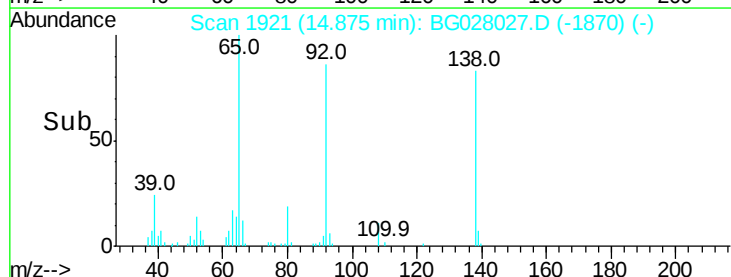
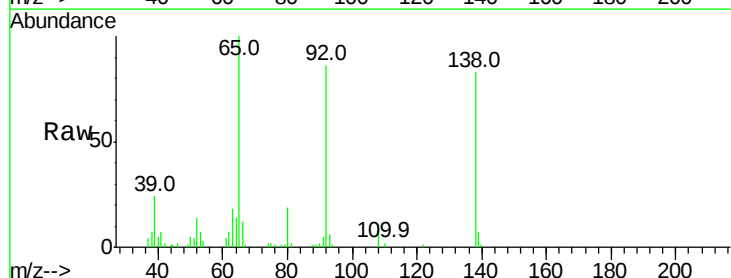
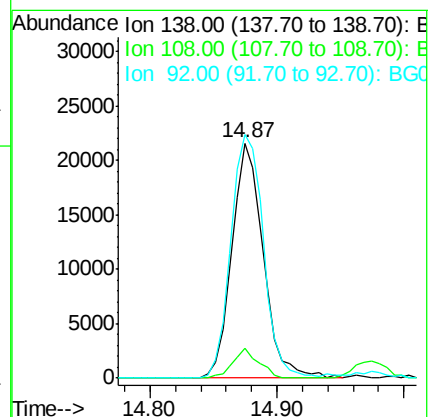
Delta R.T. -0.00 min

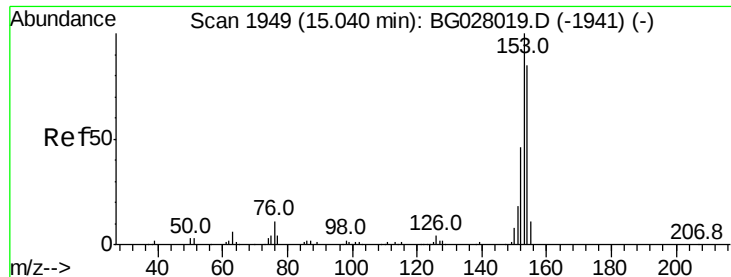
Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Tgt Ion:138 Resp: 36826

Ion	Ratio	Lower	Upper
138	100		
108	12.9	6.3	9.5#
92	103.6	106.4	159.6#





#49

Acenaphthene

Concen: 19.754 ng/ul

RT: 15.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

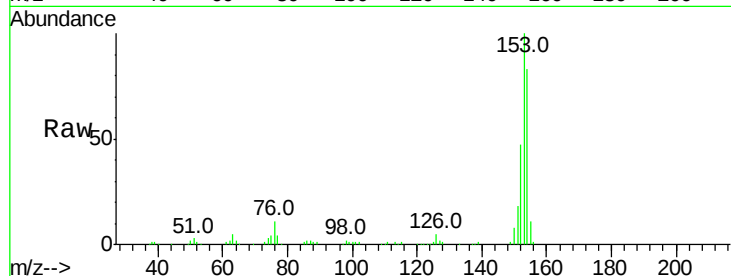
Tot Ion:153 Resp: 163518

Ion Ratio Lower Upper

153 100

152 46.5 36.5 54.7

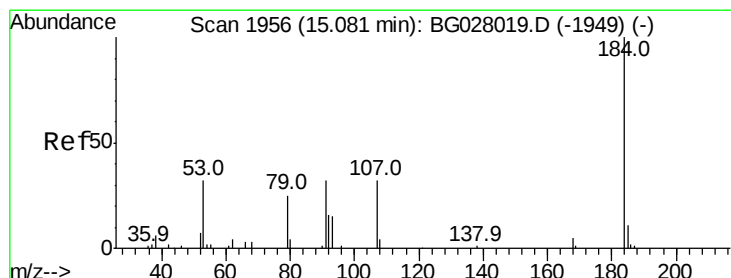
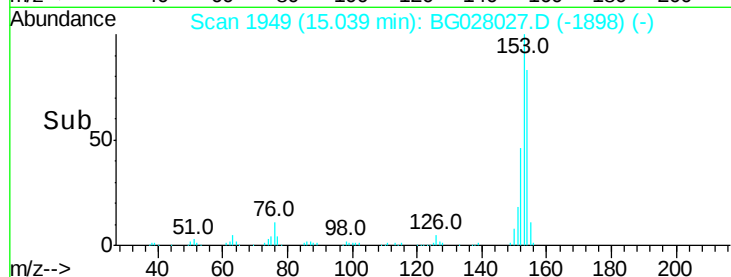
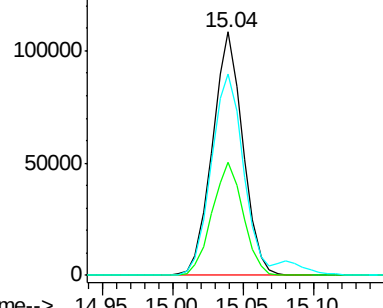
154 82.9 72.3 108.5



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: 15.885 ng/ul

RT: 15.08 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

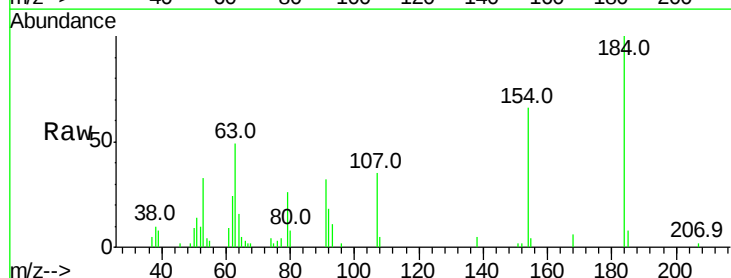
Tgt Ion:184 Resp: 18465

Ion Ratio Lower Upper

184 100

63 49.1 65.1 97.7#

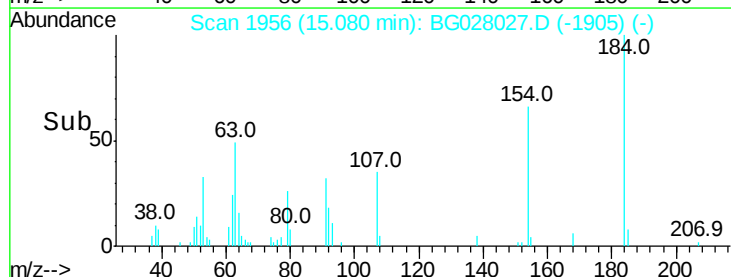
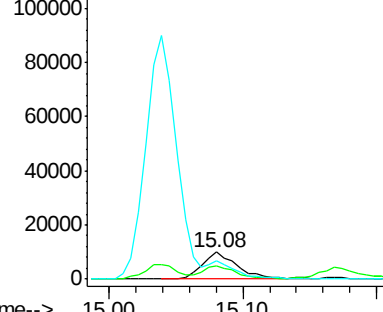
154 65.6 68.2 102.4#

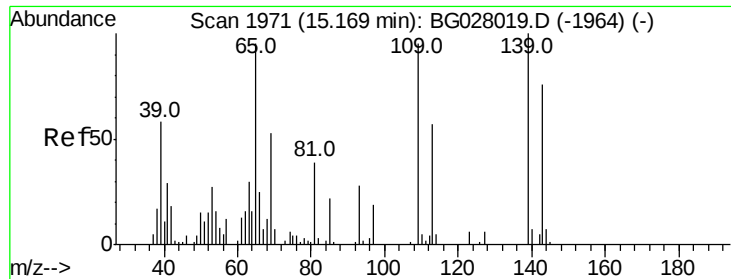


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.887 ng/ul

RT: 15.17 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

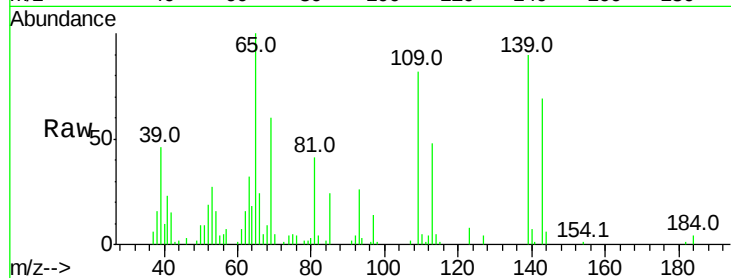
Tot Ion:109 Resp: 25423

Ion Ratio Lower Upper

109 100

139 109.9 62.6 93.8#

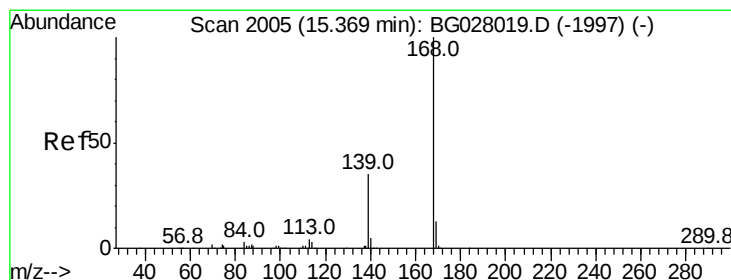
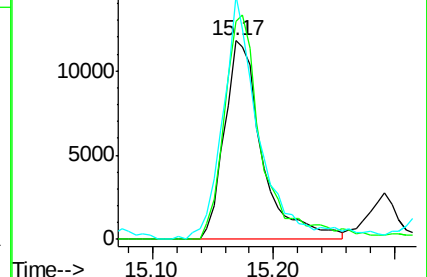
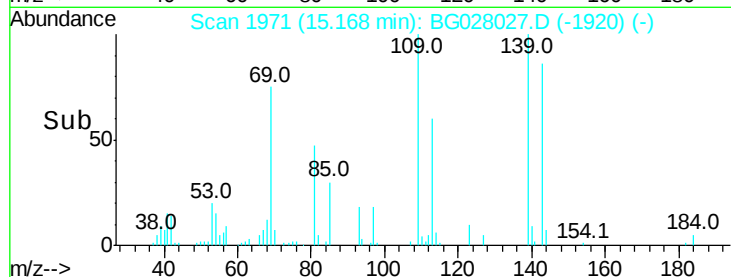
65 122.7 90.4 135.6



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: 20.643 ng/ul

RT: 15.37 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG028027.D

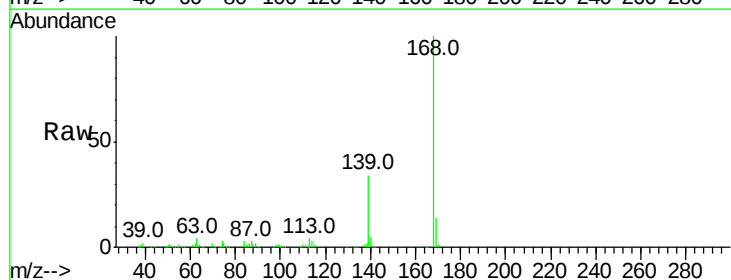
Acq: 25 Jul 2017 16:18

Tgt Ion:168 Resp: 252656

Ion Ratio Lower Upper

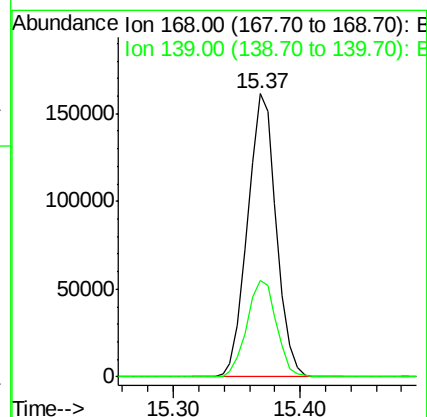
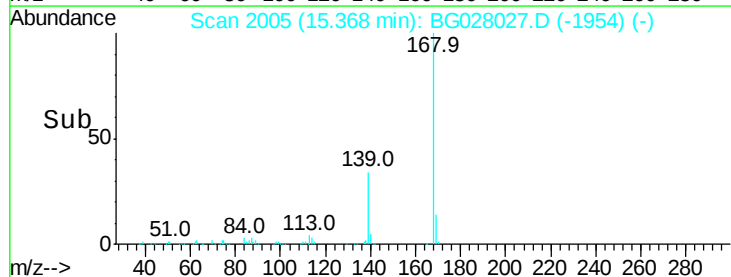
168 100

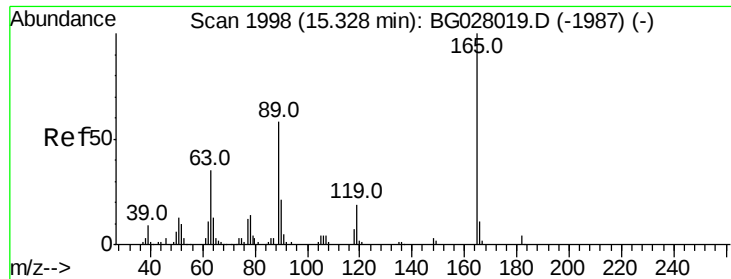
139 34.2 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

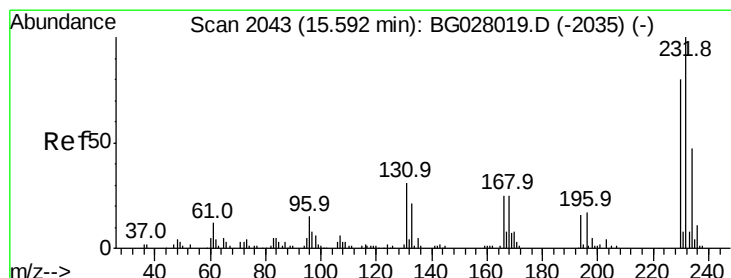
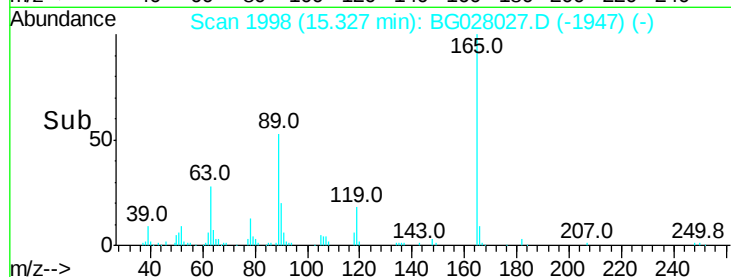
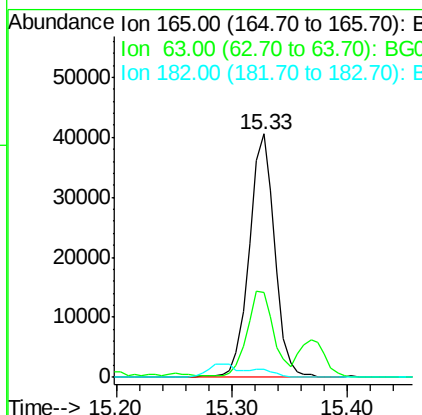
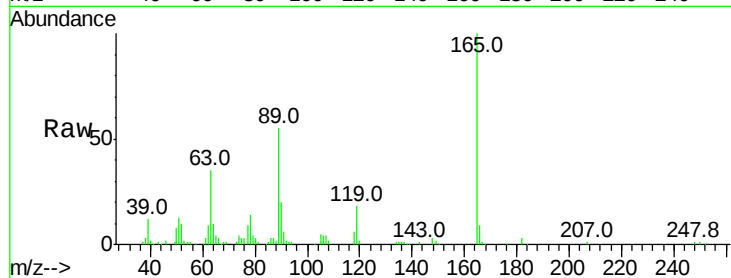




#54
 2,4-Dinitrotoluene
 Concen: 21.148 ng/ul
 RT: 15.33 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

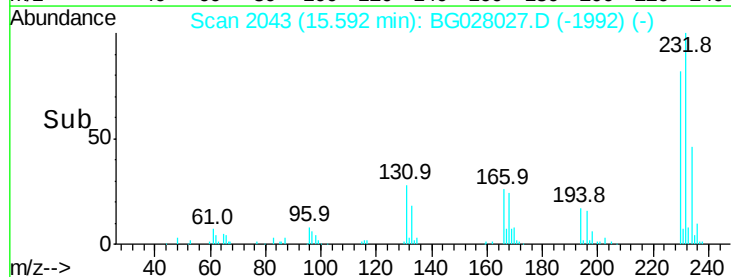
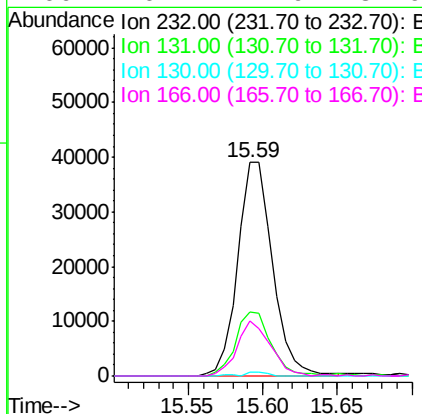
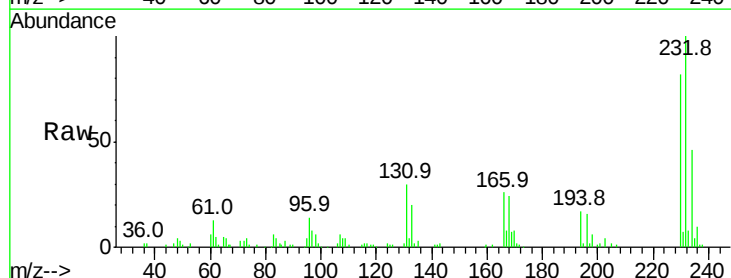
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02070

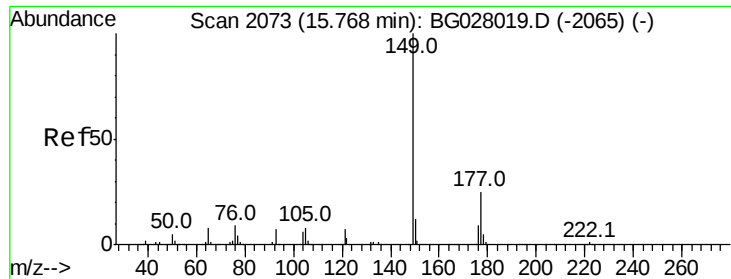
Tot Ion:165 Resp: 62213
 Ion Ratio Lower Upper
 165 100
 63 34.9 46.8 70.2#
 182 3.4 1.8 2.6#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.609 ng/ul
 RT: 15.59 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion:232 Resp: 63449
 Ion Ratio Lower Upper
 232 100
 131 30.3 33.3 49.9#
 130 2.0 1.8 2.6
 166 26.1 21.9 32.9





#56

Diethylphthalate

Concen: 19.517 ng/ul

RT: 15.77 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

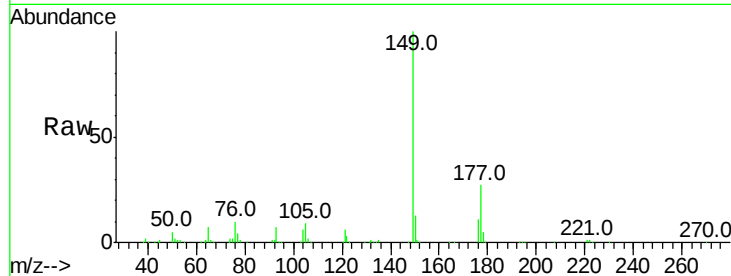
Tot Ion:149 Resp: 203046

Ion Ratio Lower Upper

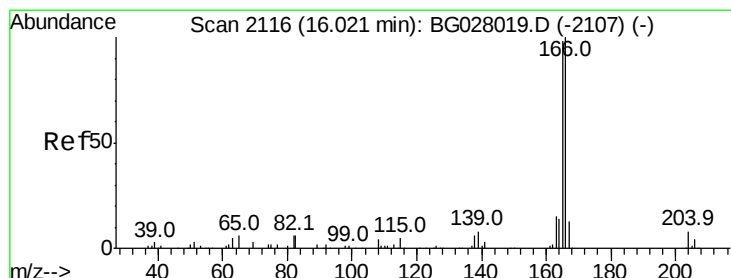
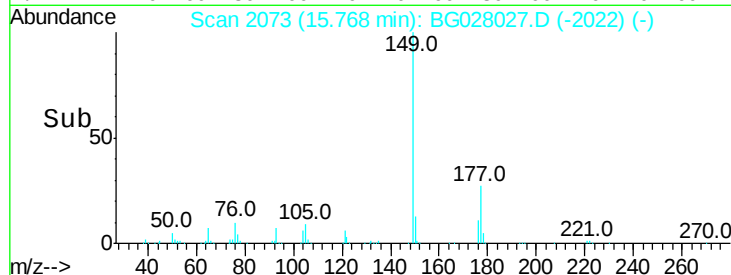
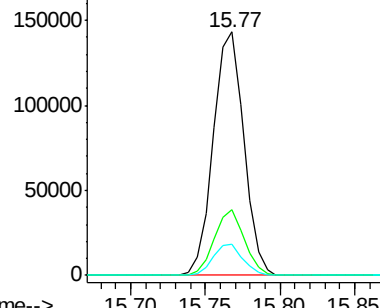
149 100

177 26.9 17.8 26.8#

150 12.9 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: 20.301 ng/ul

RT: 16.02 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

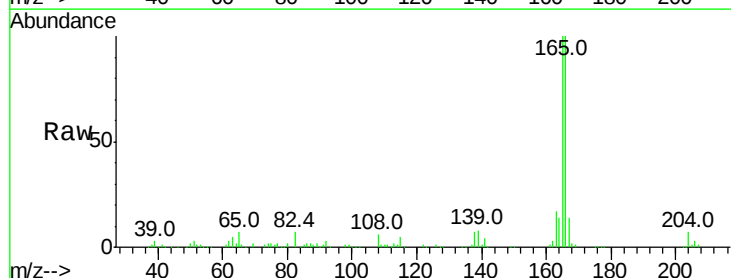
Tgt Ion:166 Resp: 213614

Ion Ratio Lower Upper

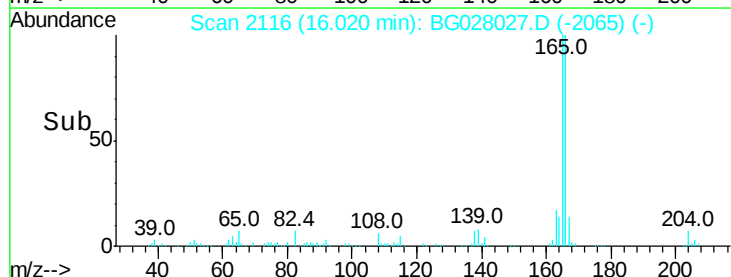
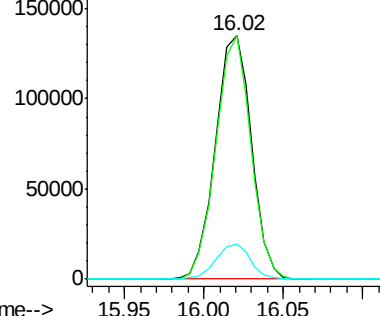
166 100

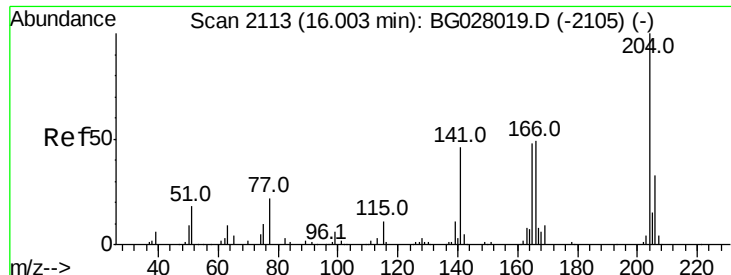
165 99.9 79.7 119.5

167 14.2 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

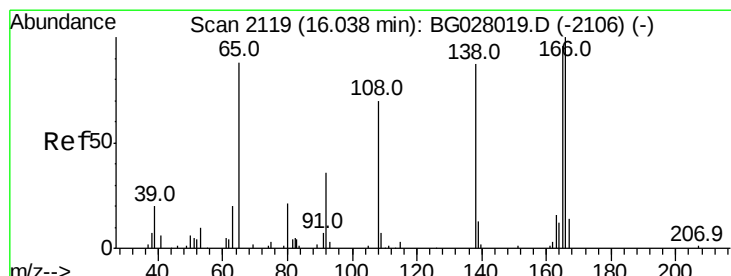
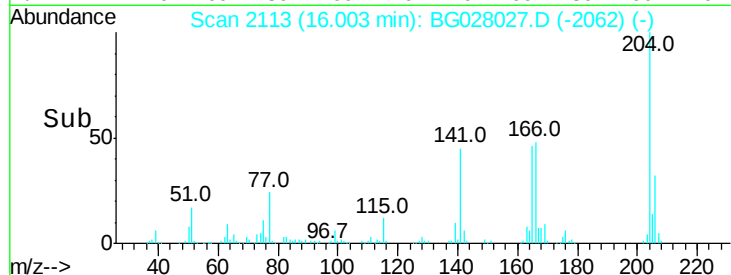
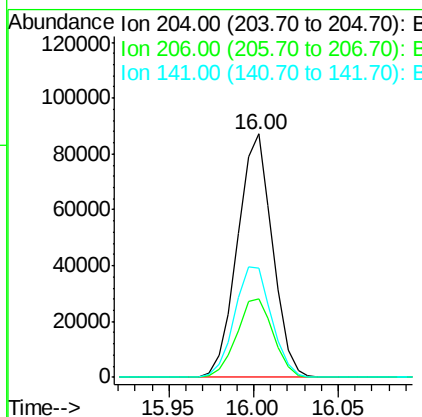
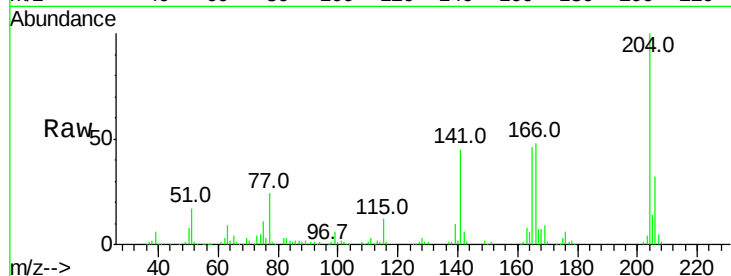




#59
4-Chlorophenyl-phenylether
Concen: 21.450 ng/ul
RT: 16.00 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

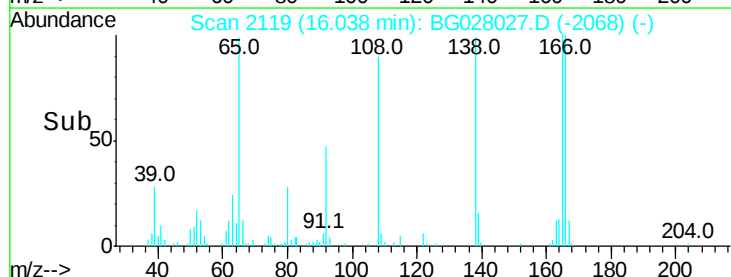
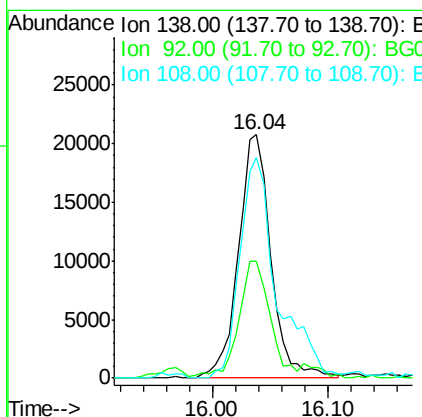
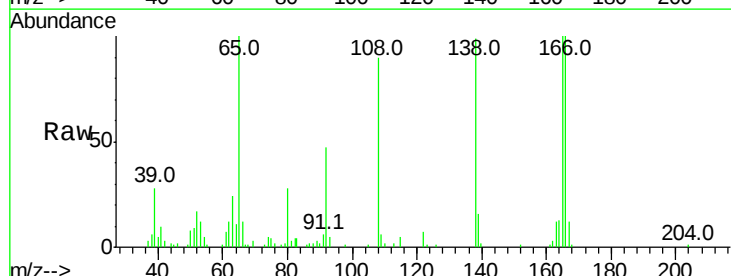
Instrument :
BNA_G
ClientSampleId :
SSTD02070

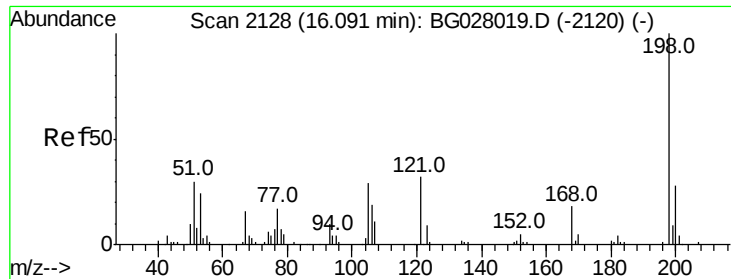
Tot Ion:204 Resp: 125149
Ion Ratio Lower Upper
204 100
206 32.4 32.3 48.5
141 44.6 57.5 86.3#



#60
4-Nitroaniline
Concen: 19.502 ng/ul
RT: 16.04 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:138 Resp: 40598
Ion Ratio Lower Upper
138 100
92 47.8 56.9 85.3#
108 90.8 104.9 157.3#

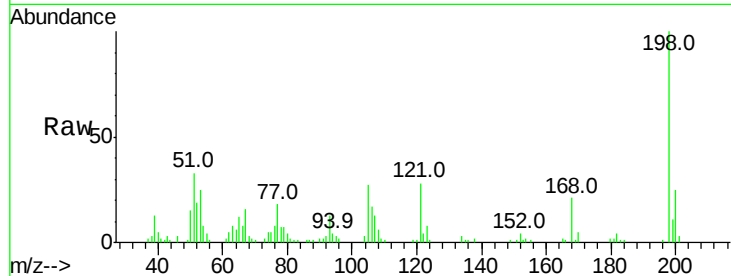




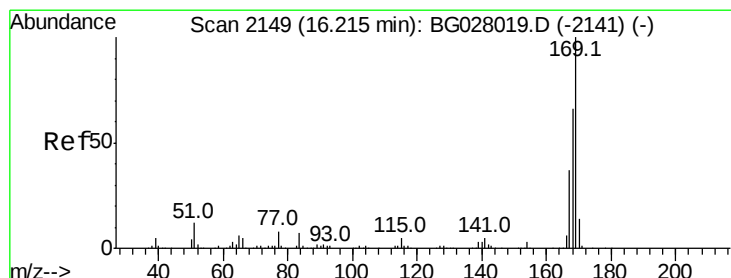
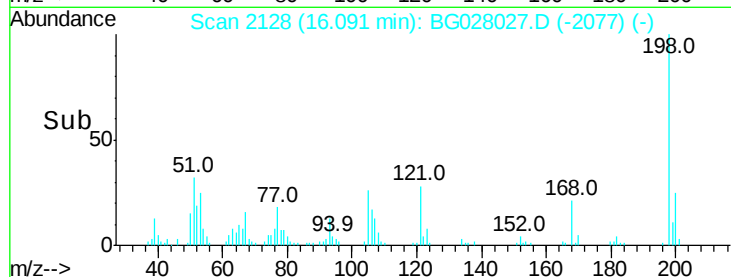
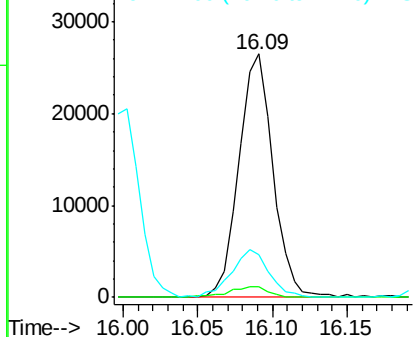
#63
4,6-Dinitro-2-methylphenol
Concen: 18.178 ng/ul
RT: 16.09 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Instrument :
BNA_G
ClientSampleId :
SSTD02070

Tot Ion:198 Resp: 41870
Ion Ratio Lower Upper
198 100
182 4.5 5.8 6.4#
77 17.6 22.1 33.9#

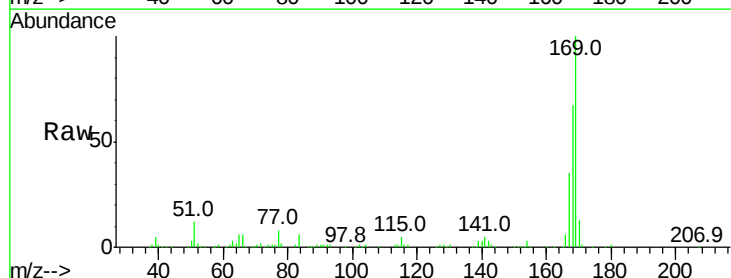


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BGC

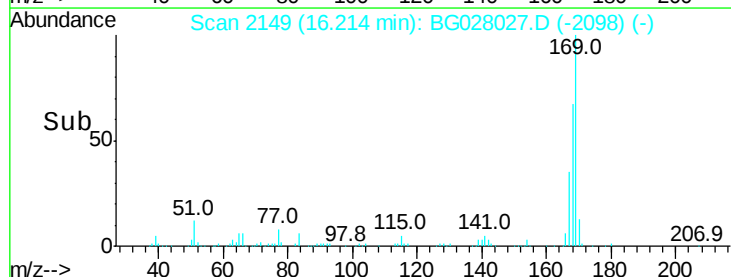
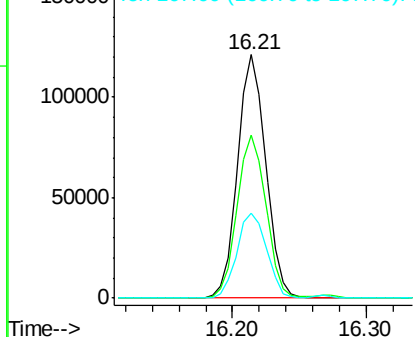


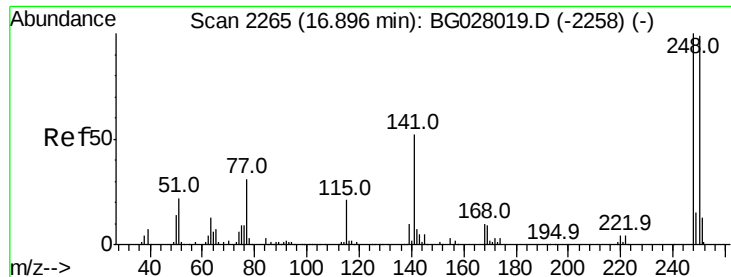
#64
N-Nitrosodiphenylamine
Concen: 18.982 ng/ul
RT: 16.21 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion:169 Resp: 177456
Ion Ratio Lower Upper
169 100
168 67.0 59.1 88.7
167 34.8 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: 20.932 ng/ul

RT: 16.90 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

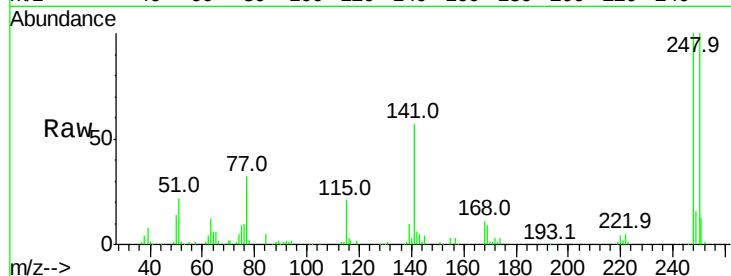
Tot Ion:248 Resp: 88477

Ion Ratio Lower Upper

248 100

250 100.0 71.9 107.9

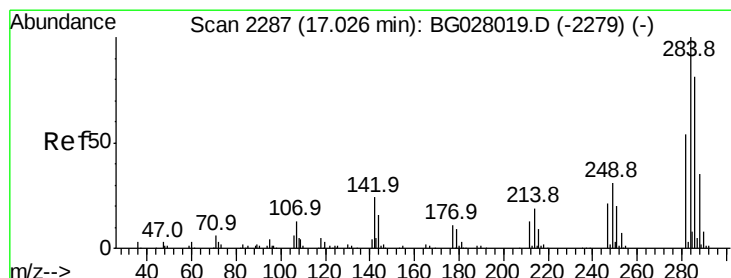
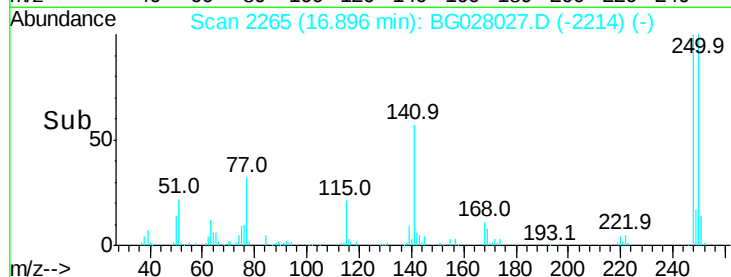
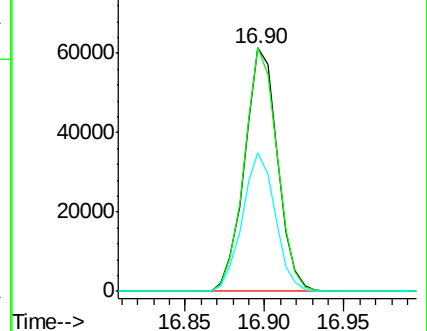
141 57.2 53.8 80.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 22.126 ng/ul

RT: 17.03 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

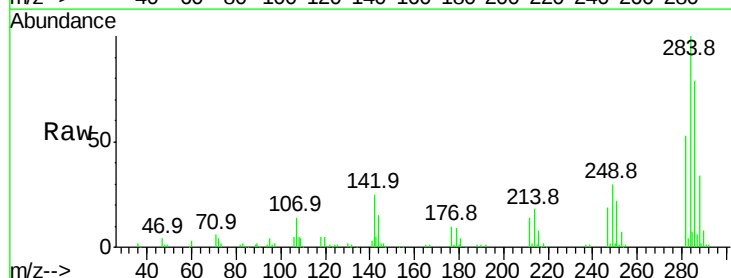
Tgt Ion:284 Resp: 98328

Ion Ratio Lower Upper

284 100

142 25.5 26.1 39.1#

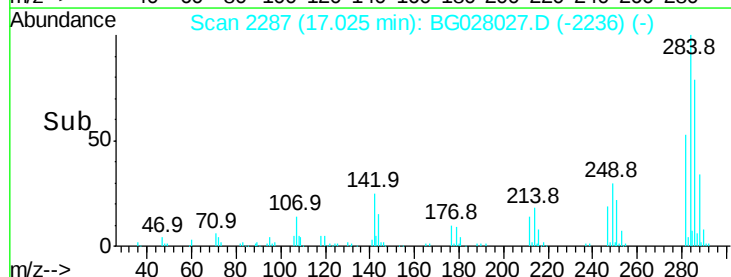
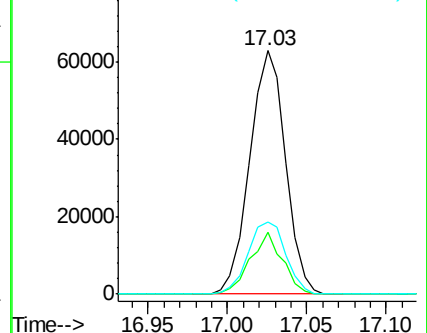
249 29.7 25.9 38.9

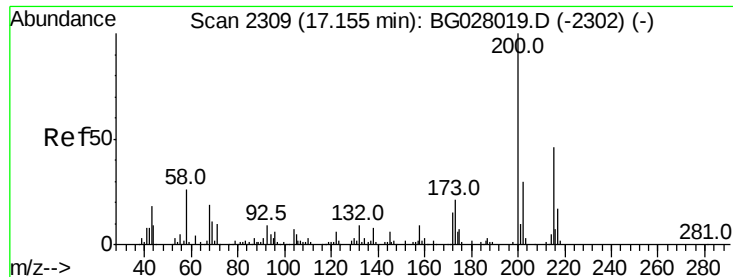


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

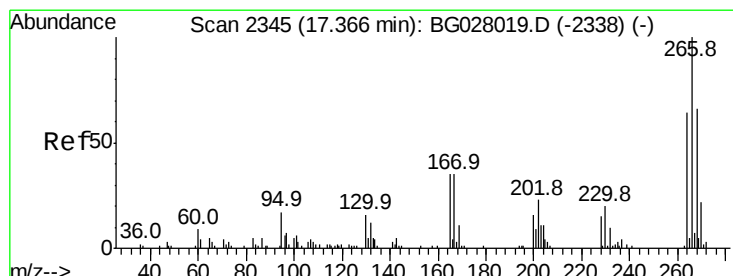
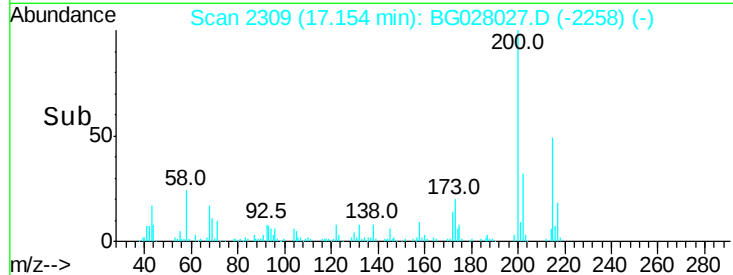
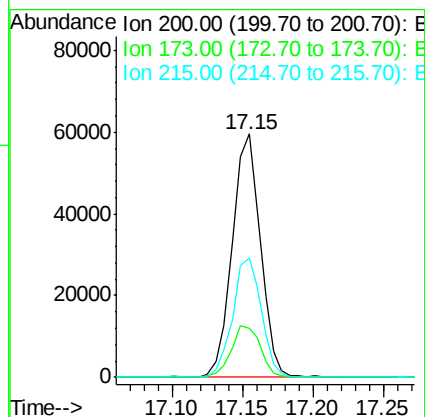
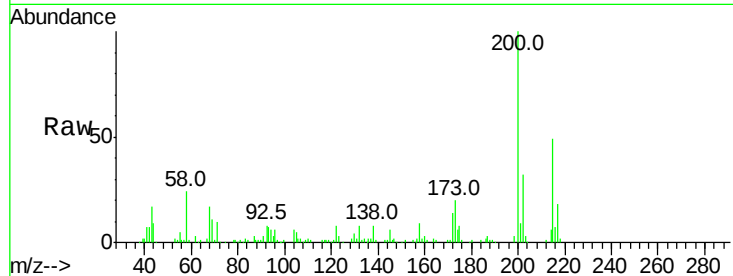




#67
 Atrazine
 Concen: 20.145 ng/ul
 RT: 17.15 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

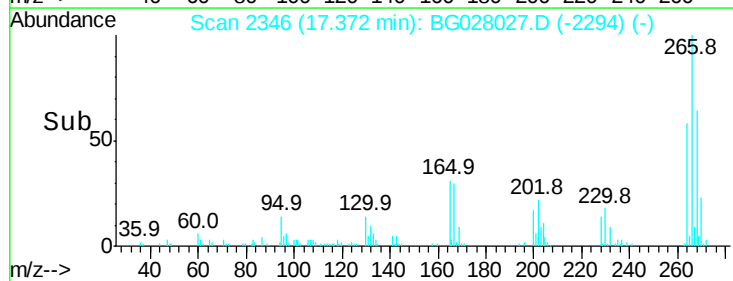
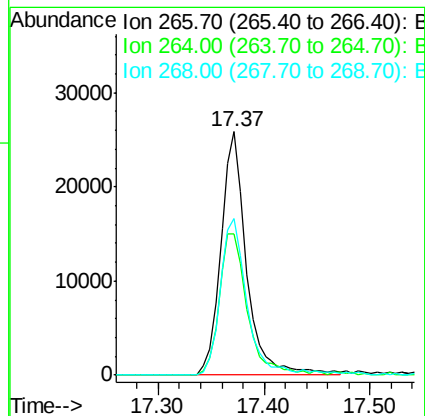
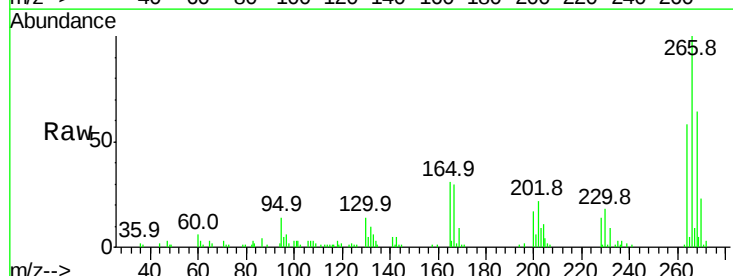
Instrument :
 BNA_G
 ClientSampleId :
 SST02070

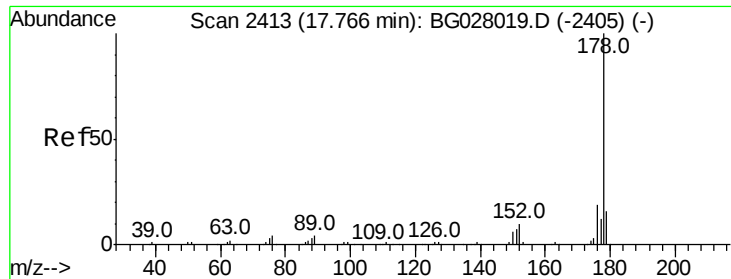
Tot Ion	Ratio	Lower	Upper
200	100		
173	20.3	19.2	28.8
215	48.8	40.3	60.5



#68
 Pentachlorophenol
 Concen: 18.153 ng/ul
 RT: 17.37 min Scan# 2346
 Delta R.T. 0.01 min
 Lab File: BG028027.D
 Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.2	47.1	70.7
268	64.4	56.2	84.4





#69

Phenanthrene

Concen: 19.616 ng/ul

RT: 17.77 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

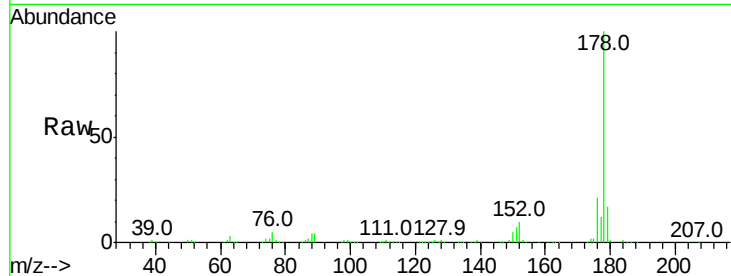
BNA_G

ClientSampleId :

SSTD02070

Tot Ion:178 Resp: 348715

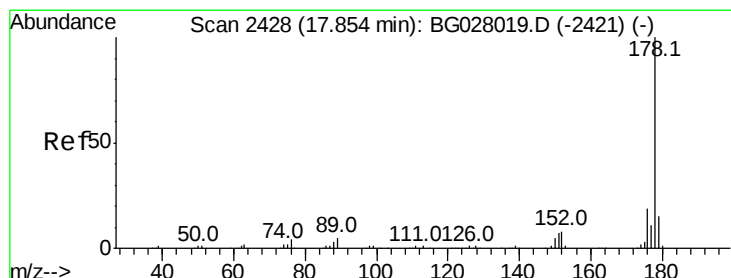
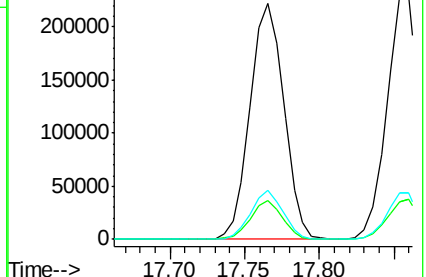
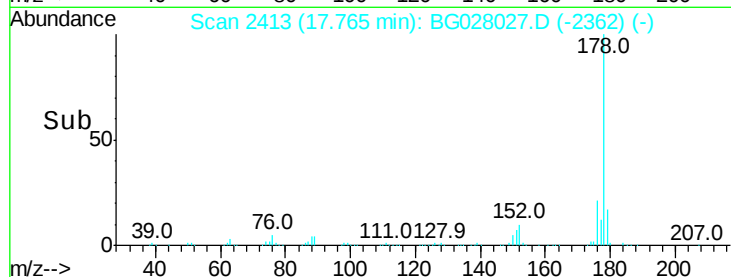
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	20.6	16.5	24.7



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: 19.941 ng/ul

RT: 17.85 min Scan# 2428

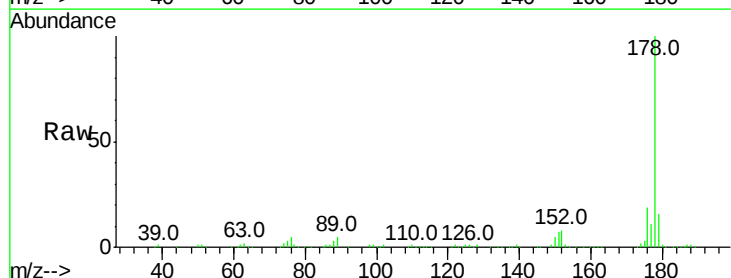
Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Tgt Ion:178 Resp: 363361

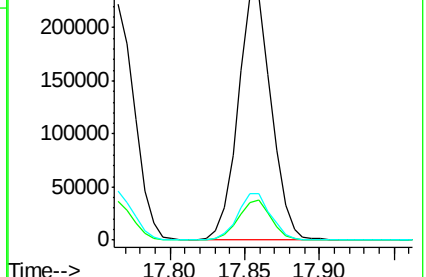
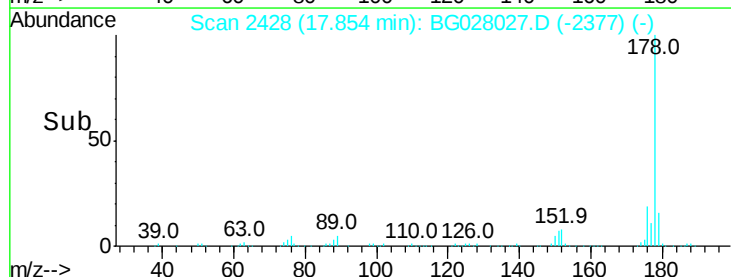
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.0	15.9	23.9

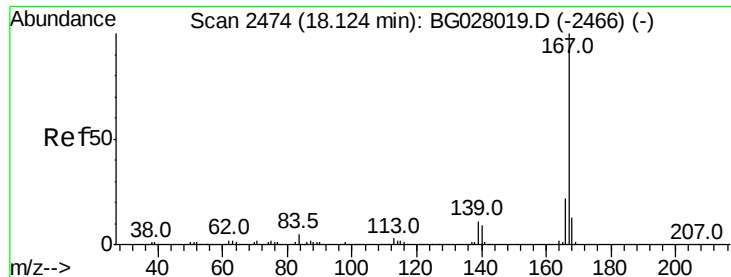


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.156 ng/ul

RT: 18.12 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

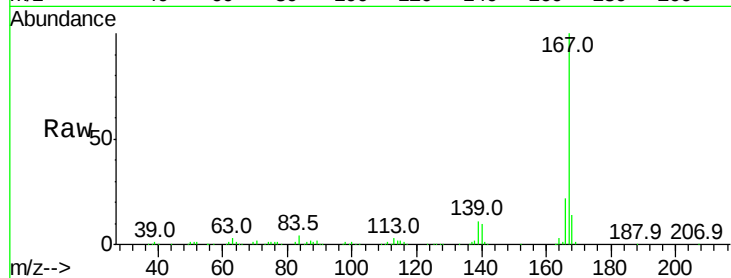
Tot Ion:167 Resp: 302817

Ion Ratio Lower Upper

167 100

166 21.7 17.9 26.9

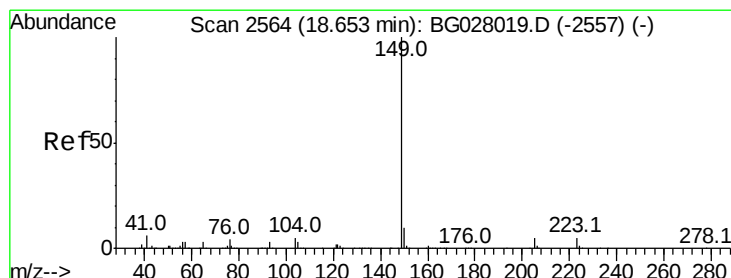
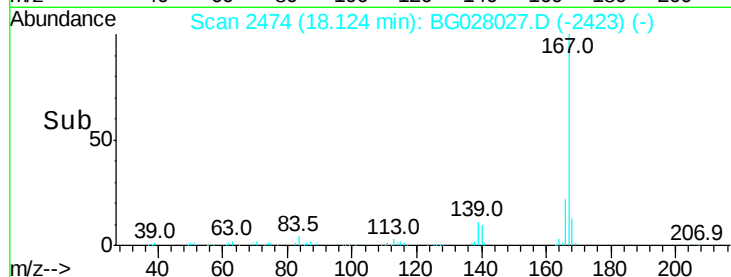
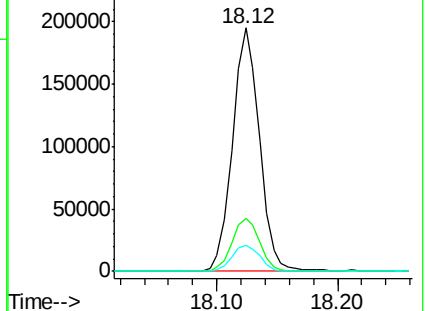
139 10.7 10.5 15.7



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: 20.211 ng/ul

RT: 18.65 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

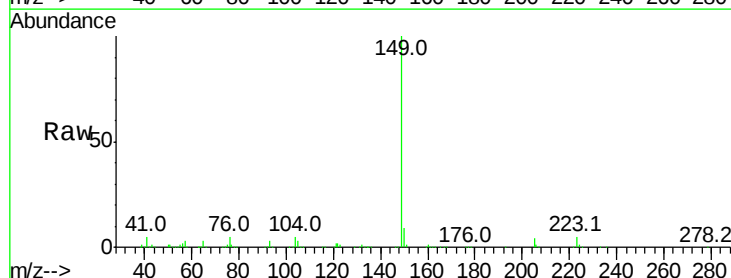
Tgt Ion:149 Resp: 332930

Ion Ratio Lower Upper

149 100

150 8.9 7.9 11.9

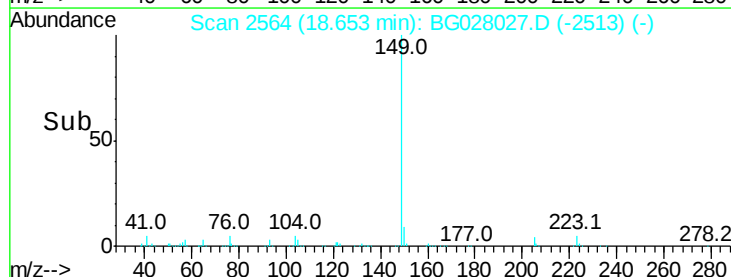
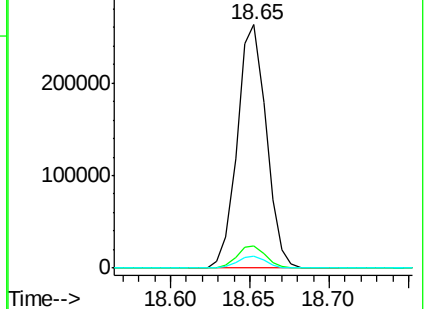
104 5.0 5.8 8.8#

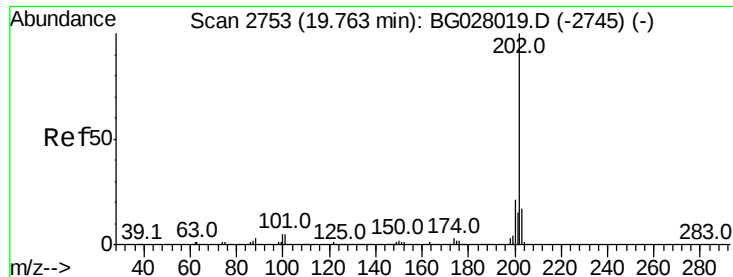


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.608 ng/ul

RT: 19.76 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

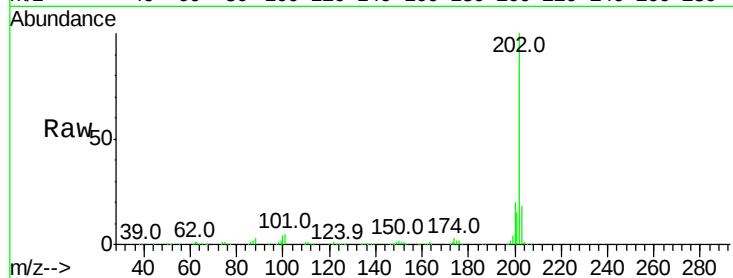
Tot Ion:202 Resp: 470212

Ion Ratio Lower Upper

202 100

101 5.5 6.2 9.2#

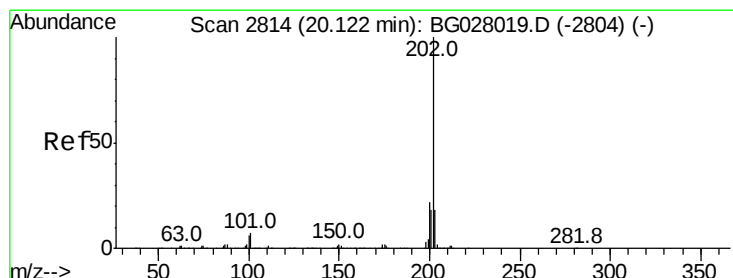
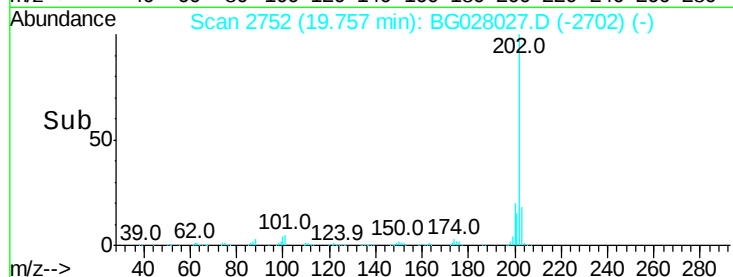
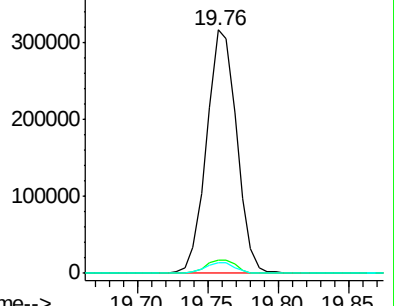
100 4.4 5.2 7.8#



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: 19.686 ng/ul

RT: 20.12 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

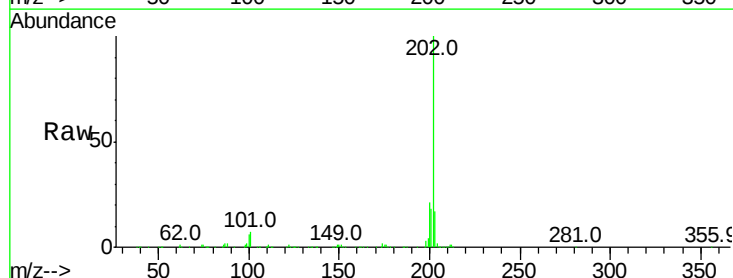
Tgt Ion:202 Resp: 495140

Ion Ratio Lower Upper

202 100

101 6.5 6.9 10.3#

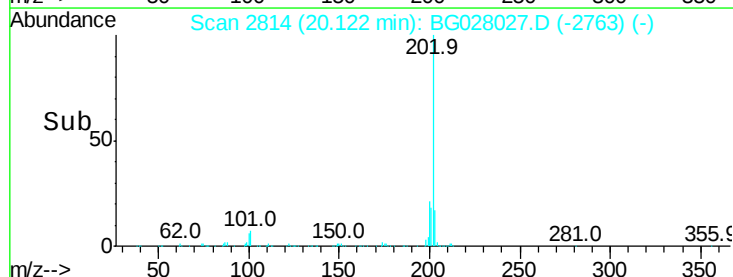
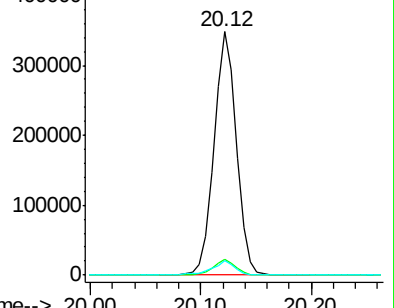
100 5.8 6.6 10.0#

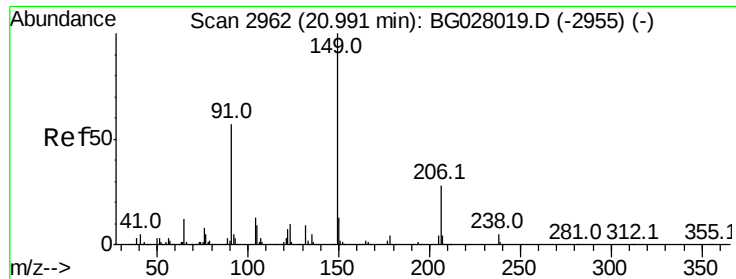


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

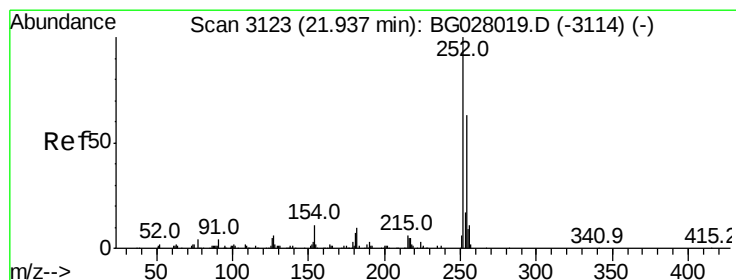
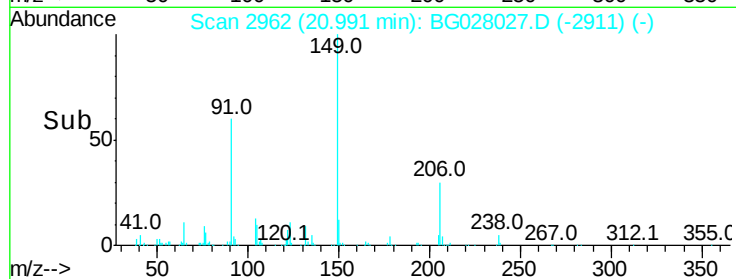
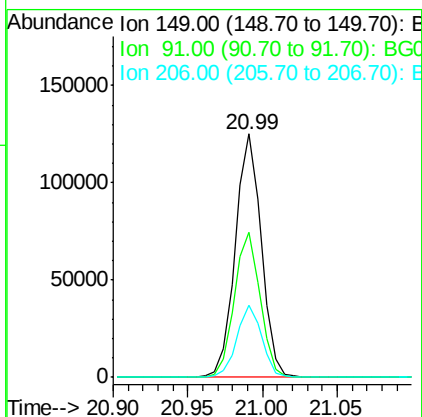
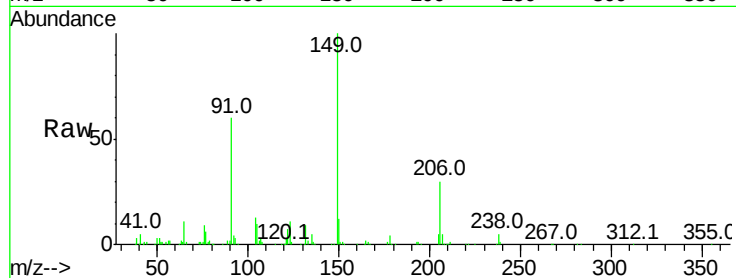




#78
Butylbenzylphthalate
Concen: 18.820 ng/ul
RT: 20.99 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

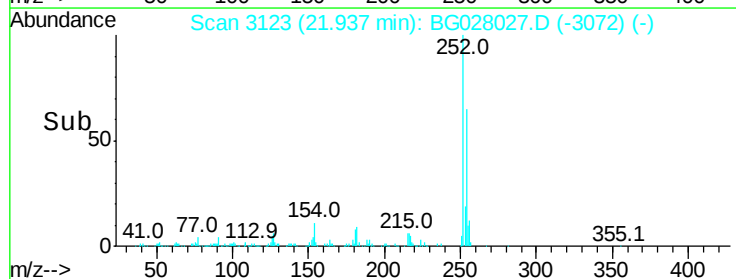
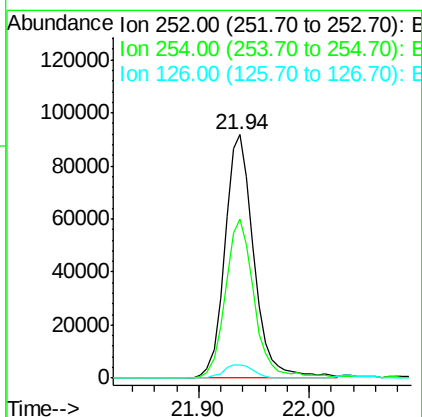
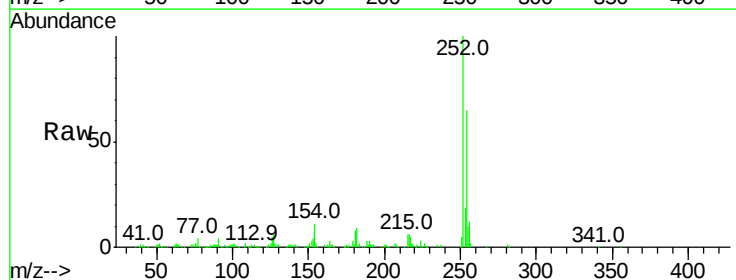
Instrument :
BNA_G
ClientSampleId :
SSTD02070

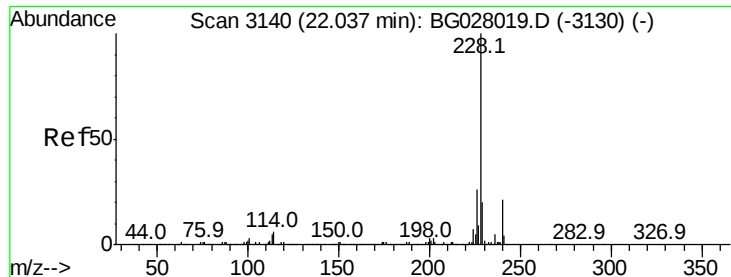
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.5	65.8	98.6#
206	29.5	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 21.830 ng/ul
RT: 21.94 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG028027.D
Acq: 25 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	49.0	73.6
126	5.3	5.1	7.7





#80

Benzo(a)anthracene

Concen: 20.494 ng/ul

RT: 22.04 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

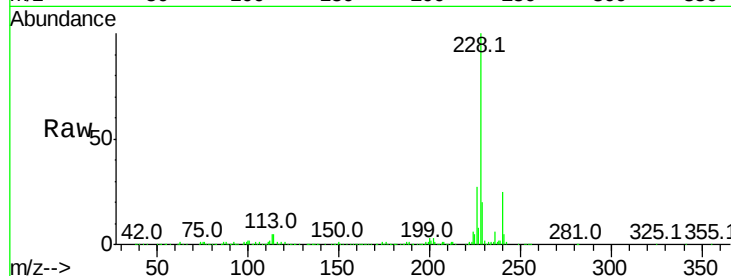
Tot Ion:228 Resp: 526299

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.3	24.5
226	27.4	21.9	32.9

228 100

229 20.3 16.3 24.5

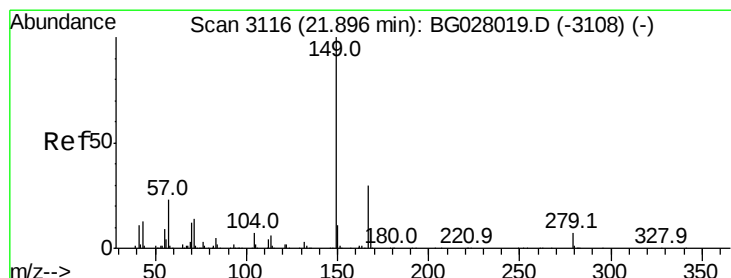
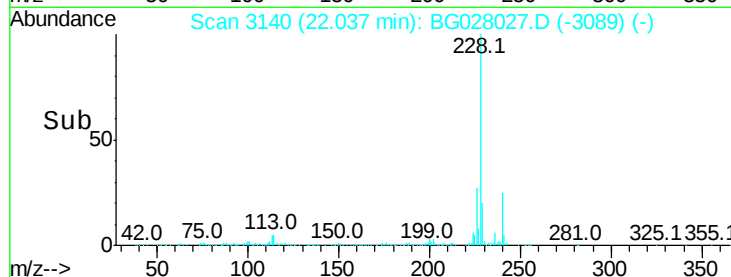
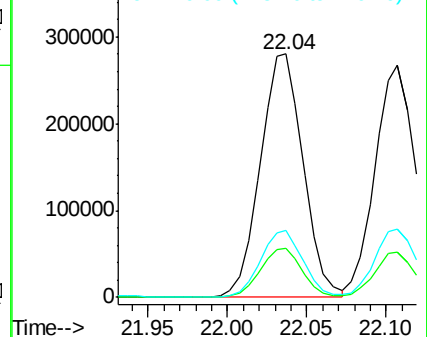
226 27.4 21.9 32.9



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: 18.902 ng/ul

RT: 21.90 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

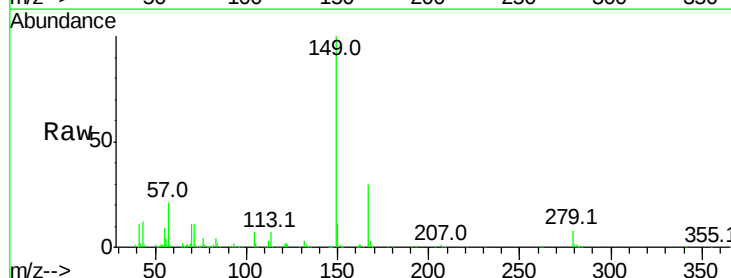
Tgt Ion:149 Resp: 217183

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.8	32.8
279	7.8	4.5	6.7#

149 100

167 29.6 21.8 32.8

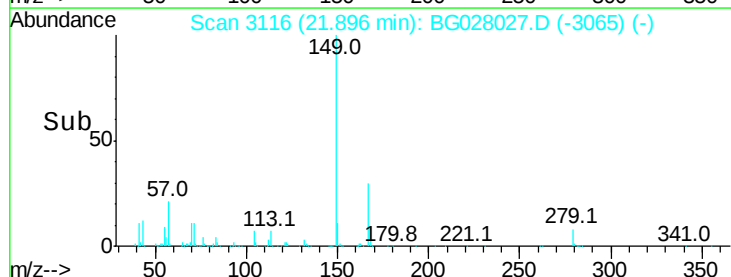
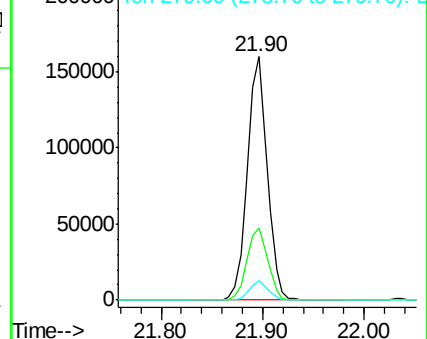
279 7.8 4.5 6.7#

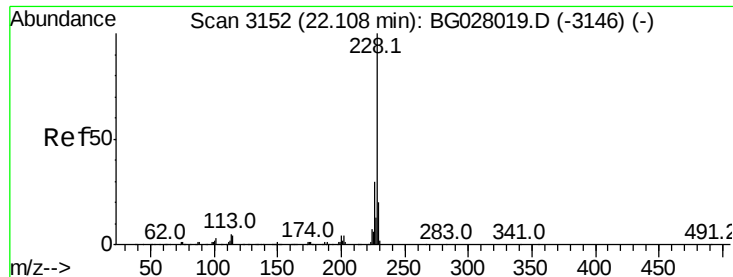


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.224 ng/ul

RT: 22.11 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

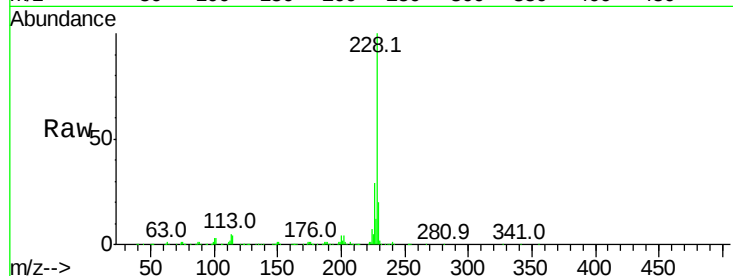
Tot Ion:228 Resp: 472714

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

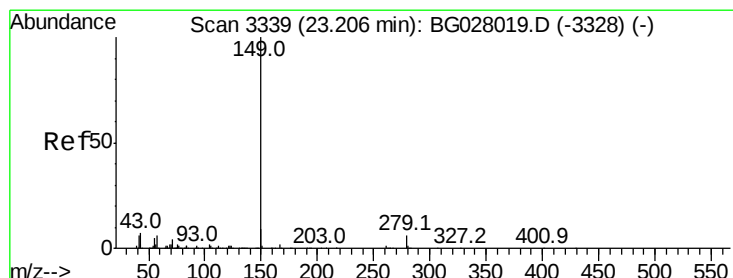
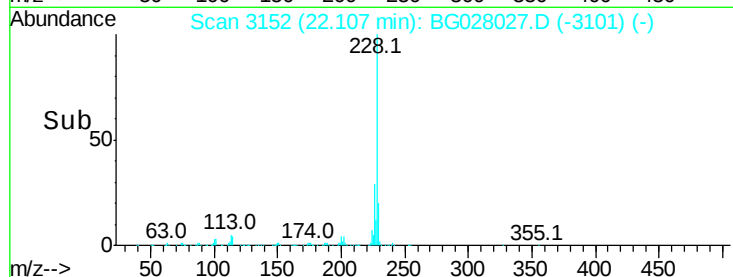
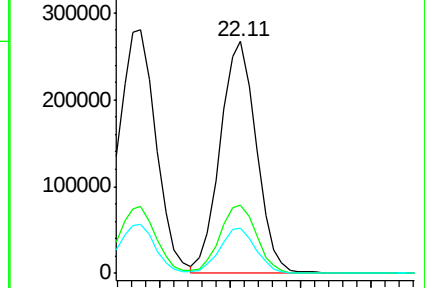
229 19.6 16.9 25.3



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: 17.527 ng/ul

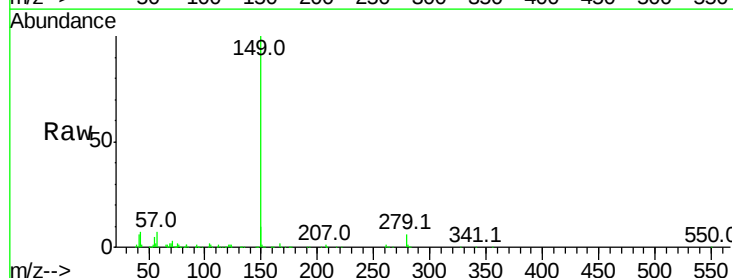
RT: 23.21 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Tgt Ion:149 Resp: 375597



Abundance Ion 149.00 (148.70 to 149.70): E

250000

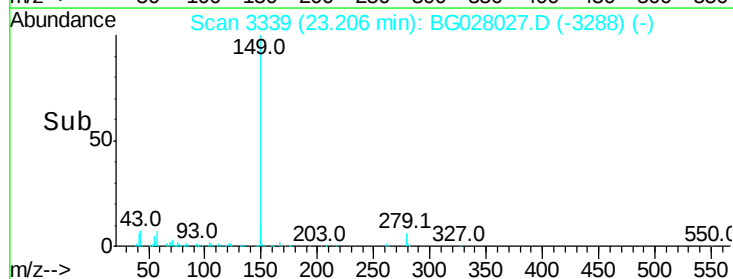
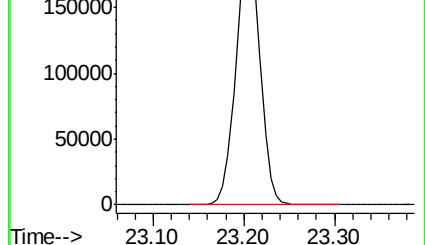
200000

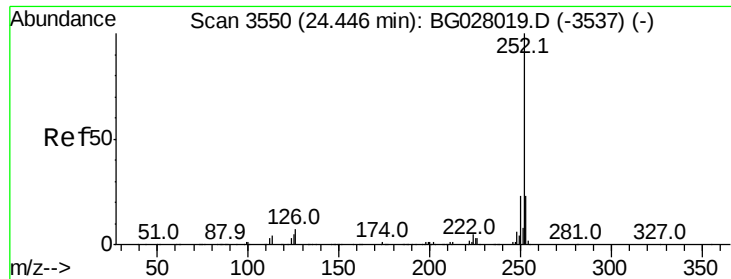
150000

100000

50000

0





#85

Benzo(b)fluoranthene

Concen: 20.009 ng/ul

RT: 24.45 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

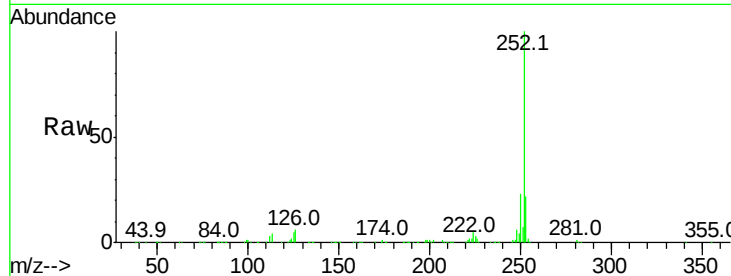
Tot Ion:252 Resp: 527581

Ion Ratio Lower Upper

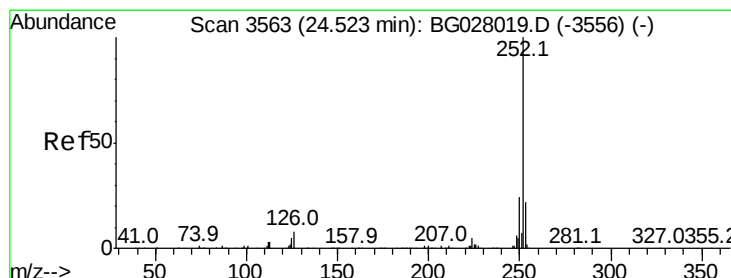
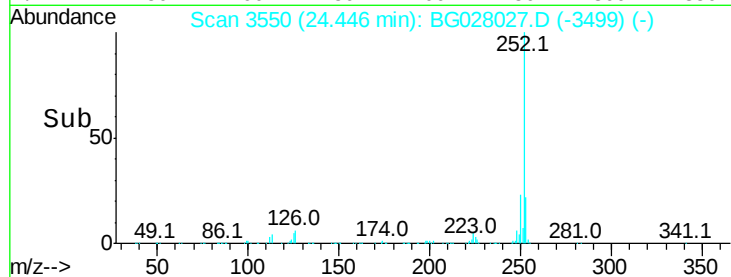
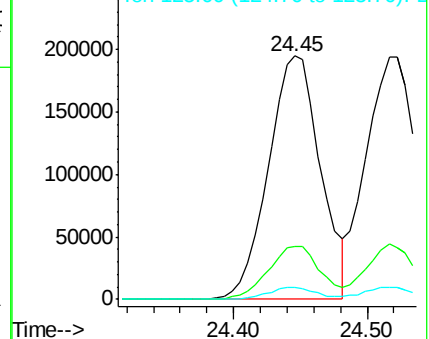
252 100

253 21.8 17.7 26.5

125 5.0 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: 20.283 ng/ul

RT: 24.52 min Scan# 3563

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

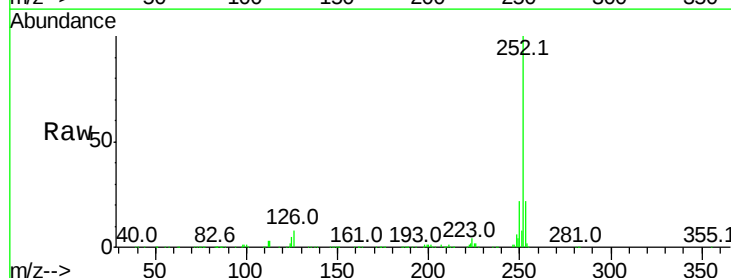
Tgt Ion:252 Resp: 524570

Ion Ratio Lower Upper

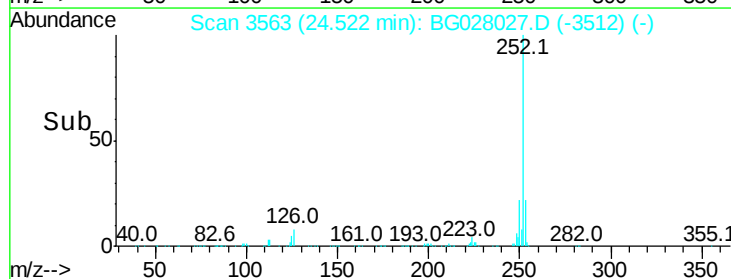
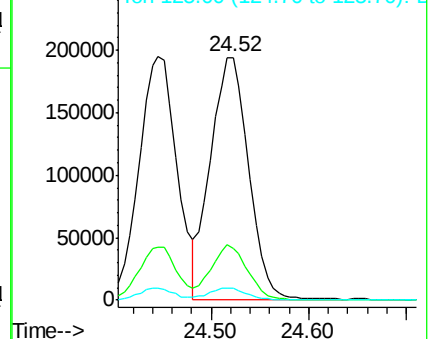
252 100

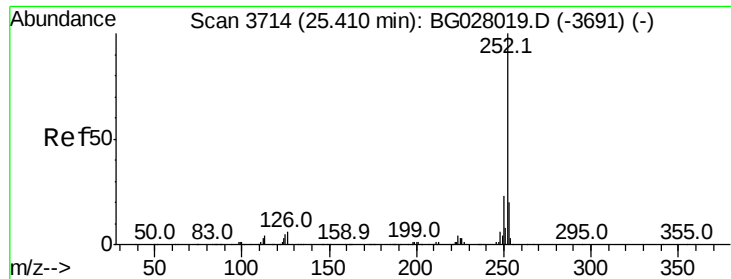
253 21.5 18.5 27.7

125 4.8 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: 20.333 ng/ul

RT: 25.40 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

BNA_G

ClientSampleId :

SSTD02070

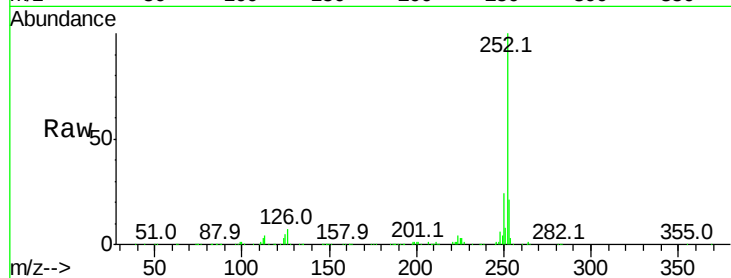
Tot Ion:252 Resp: 518037

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

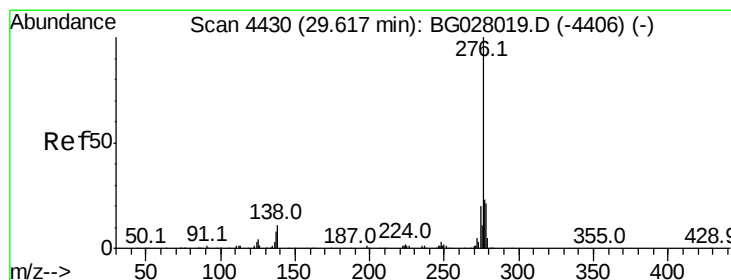
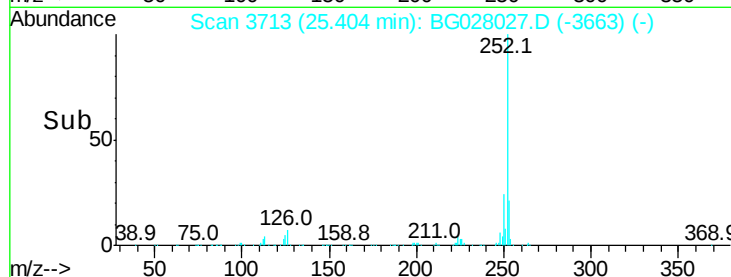
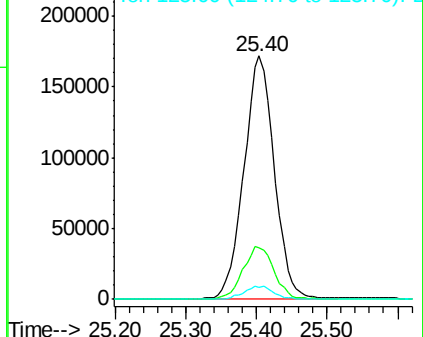
125 5.0 5.4 8.0#



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: 21.131 ng/ul

RT: 29.60 min Scan# 4428

Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

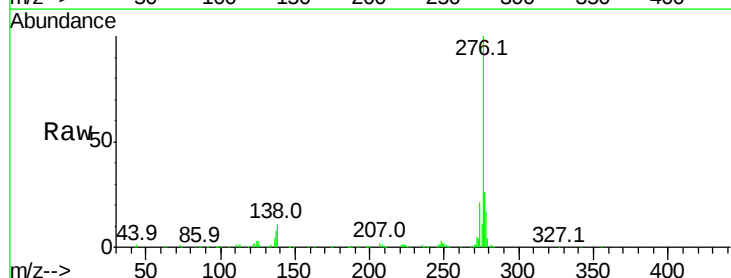
Tgt Ion:276 Resp: 610530

Ion Ratio Lower Upper

276 100

138 11.0 8.2 12.4

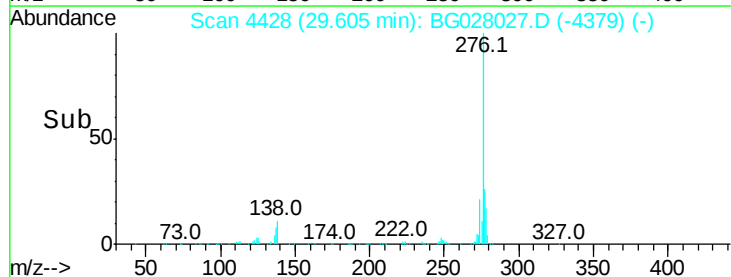
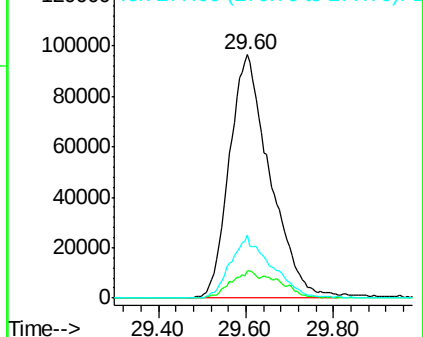
277 25.7 18.6 28.0

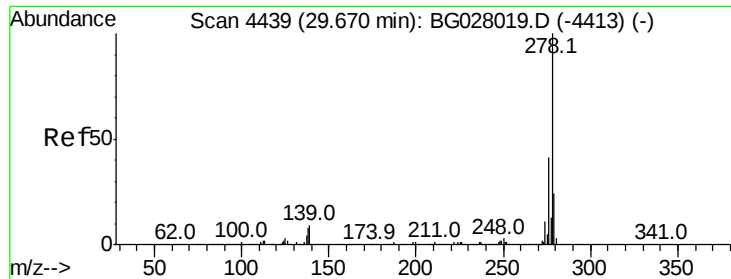


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 21.229 ng/ul

RT: 29.67 min Scan# 4439

Delta R.T. -0.00 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Instrument :

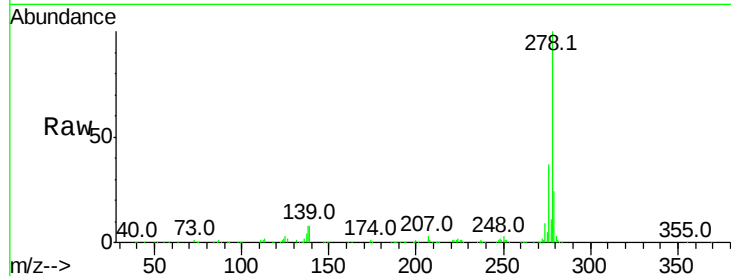
BNA_G

ClientSampleId :

SSTD02070

Tot Ion:278 Resp: 514860

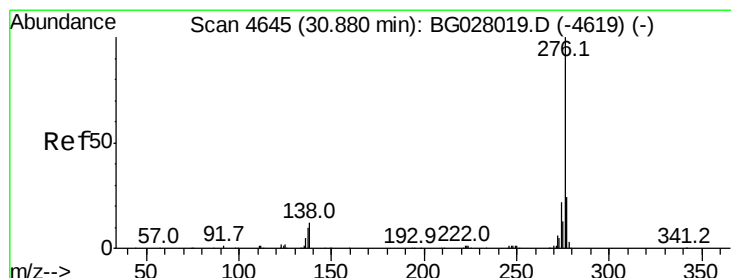
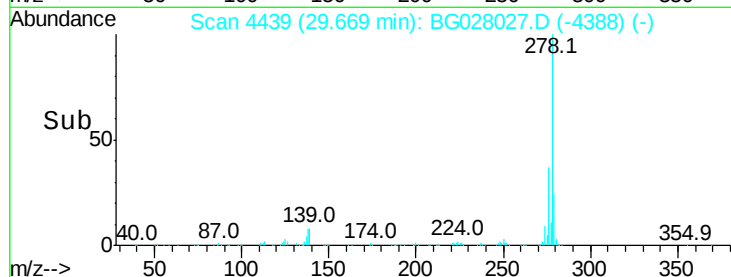
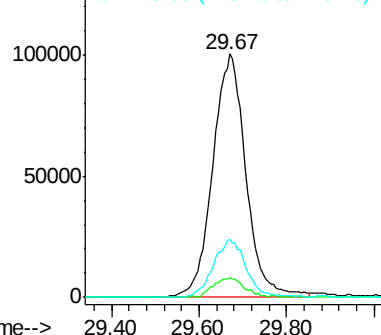
Ion	Ratio	Lower	Upper
278	100		
139	7.9	6.7	10.1
279	24.0	20.9	31.3



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: 20.749 ng/ul

RT: 30.87 min Scan# 4643

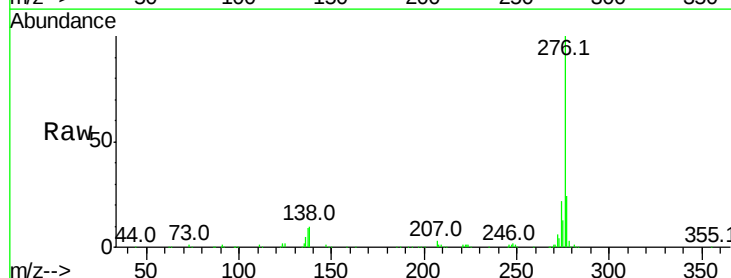
Delta R.T. -0.01 min

Lab File: BG028027.D

Acq: 25 Jul 2017 16:18

Tgt Ion:276 Resp: 494583

Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.6	12.8
277	23.9	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

