

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
 Data File : BG028548.D
 Acq On : 30 Aug 2017 10:46
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02094

Quant Time: Aug 31 01:04:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 30 01:19:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37220	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	146858	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	102066	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	266722	20.00	ng/ul	0.09
75) Chrysene-d12	22.04	240	318790	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	311703	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6276	7.85	ng/uL	0.00
5) Phenol-d5	7.49	99	66447	16.25	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	41767	16.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	50800	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	55310	16.19	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	25289	22.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	29806	23.67	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.78	165	57096	21.92	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.29	131	65572	22.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	184701	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	210298	20.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	26354	18.26	ng/ul	0.00
57) Fluorene-d10	15.94	176	162268	19.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	34045	19.65	ng/ul	0.00
70) Anthracene-d10	17.80	188	266722	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	310013	18.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	293138	20.09	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.85	88	7139	8.504	ng/uL# 86
4) Benzaldehyde	7.49	77	43787	18.535	ng/ul 88
6) Phenol	7.52	94	68569	16.878	ng/ul# 87
8) Bis(2-Chloroethyl)ether	7.75	93	48309	17.457	ng/ul 99
10) 2-Chlorophenol	7.91	128	47036	18.717	ng/ul 90
11) 2-Methylphenol	8.77	108	46597	16.250	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.86	45	96464	14.360	ng/ul 96
14) Acetophenone	9.16	105	80503	16.522	ng/ul 86
15) N-Nitroso-di-n-propylamine	9.14	70	45949	16.593	ng/ul 88
16) 4-Methylphenol	9.10	108	52429	16.192	ng/ul 100
17) Hexachloroethane	9.42	117	20433	19.622	ng/ul 97
20) Nitrobenzene	9.55	77	68882	20.721	ng/ul 96
21) Isophorone	10.07	82	124532	19.718	ng/ul# 96
23) 2-Nitrophenol	10.26	139	28257	22.230	ng/ul# 82
24) 2,4-Dimethylphenol	10.31	107	64449	20.399	ng/ul 93
25) Bis(2-Chloroethoxy)methane	10.54	93	68405	19.884	ng/ul# 94
27) 2,4-Dichlorophenol	10.80	162	51864	21.870	ng/ul 94
28) Naphthalene	11.21	128	151996	20.897	ng/ul 96
30) 4-Chloroaniline	11.32	127	59542	21.183	ng/ul 99
31) Hexachlorobutadiene	11.48	225	39893	22.790	ng/ul 89
32) Caprolactam	12.07	113	19634	19.910	ng/ul# 63
33) 4-Chloro-3-methylphenol	12.42	107	60891	20.116	ng/ul 97
34) 2-Methylnaphthalene	12.79	142	113345	19.401	ng/ul 97

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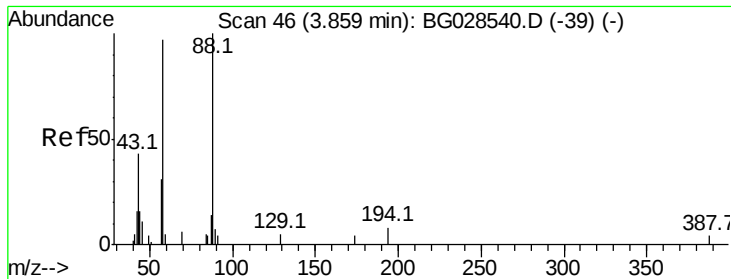
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	13.15	216	74822	22.743	ng/ul#	88
37) Hexachlorocyclopentadiene	13.13	237	22189	12.223	ng/ul#	99
38) 2,4,6-Trichlorophenol	13.39	196	48702	23.752	ng/ul	98
39) 2,4,5-Trichlorophenol	13.47	196	50057	22.397	ng/ul	90
40) 1,1'-Biphenyl	13.78	154	153493	20.591	ng/ul	96
41) 2-Chloronaphthalene	13.83	162	118564	20.127	ng/ul	98
42) 2-Nitroaniline	14.04	65	50711	20.532	ng/ul	92
44) Dimethylphthalate	14.39	163	166739	19.948	ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	36473	21.134	ng/ul#	96
47) Acenaphthylene	14.68	152	199243	20.370	ng/ul	98
48) 3-Nitroaniline	14.85	138	34884	22.448	ng/ul#	97
49) Acenaphthene	15.02	153	131228	19.884	ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	14672	15.089	ng/ul#	83
52) 4-Nitrophenol	15.16	109	26505	17.722	ng/ul#	77
53) Dibenzofuran	15.35	168	196664	20.438	ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	55255	21.127	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.58	232	47051	22.604	ng/ul	94
56) Diethylphthalate	15.74	149	185490	18.916	ng/ul	99
58) Fluorene	16.00	166	169946	19.949	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.98	204	91705	20.064	ng/ul	88
60) 4-Nitroaniline	16.02	138	37924	20.570	ng/ul	86
64) N-Nitrosodiphenylamine	16.19	169	146215	20.837	ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	63689	22.217	ng/ul	97
66) Hexachlorobenzene	17.01	284	69744	22.853	ng/ul	96
67) Atrazine	17.13	200	69016	22.559	ng/ul	95
68) Pentachlorophenol	17.36	266	28062	18.154	ng/ul	92
69) Phenanthrene	17.84	178	282855	21.073	ng/ul	98
71) Anthracene	17.84	178	282855	20.618	ng/ul	99
72) Carbazole	18.11	167	248089	20.794	ng/ul	98
73) Di-n-butylphthalate	18.63	149	312871	21.066	ng/ul	98
74) Fluoranthene	19.74	202	355275	21.779	ng/ul	99
77) Pyrene	20.11	202	367081	19.300	ng/ul	99
78) Butylbenzylphthalate	20.97	149	145594	20.434	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.92	252	136063	22.122	ng/ul	94
80) Benzo(a)anthracene	22.02	228	376939	20.464	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	207258	20.453	ng/ul	98
82) Chrysene	22.09	228	336094	20.260	ng/ul	99
84) Di-n-octyl phthalate	23.17	149	354623	18.984	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	373104	20.003	ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	355976	19.538	ng/ul	98
88) Benzo(a)pyrene	25.38	252	358950	19.875	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.59	276	428509	20.261	ng/ul	98
90) Dibenzo(a,h)anthracene	29.64	278	360011	20.309	ng/ul	93
91) Benzo(g,h,i)perylene	30.85	276	356454	20.487	ng/ul	96

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



#2

1,4-Dioxane

Concen: 8.504 ng/uL

RT: 3.85 min Scan# 45

Delta R.T. -0.00 min

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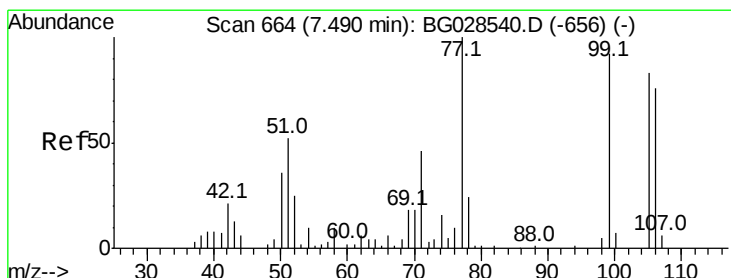
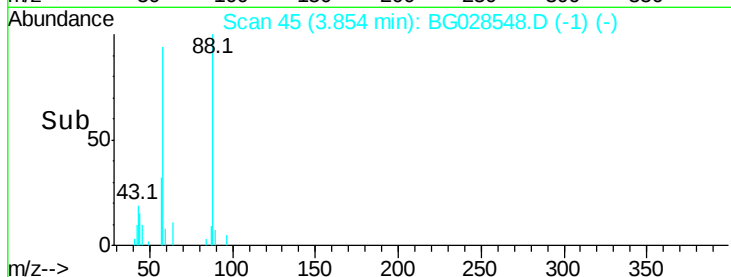
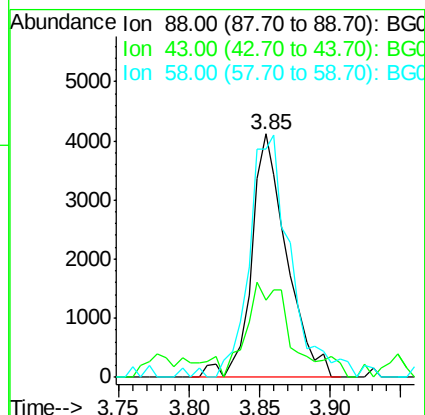
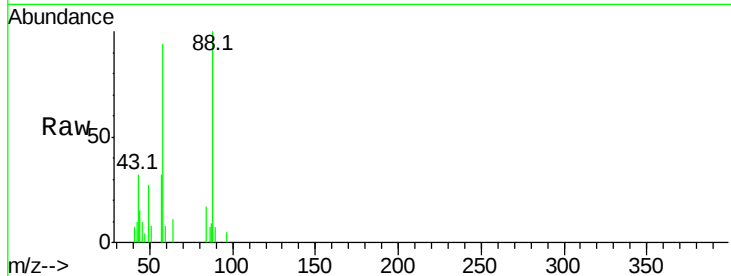
Tot Ion: 88 Resp: 7139

Ion Ratio Lower Upper

88 100

43 31.9 39.2 58.8#

58 93.6 69.4 104.0



#4

Benzaldehyde

Concen: 18.535 ng/uL

RT: 7.49 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

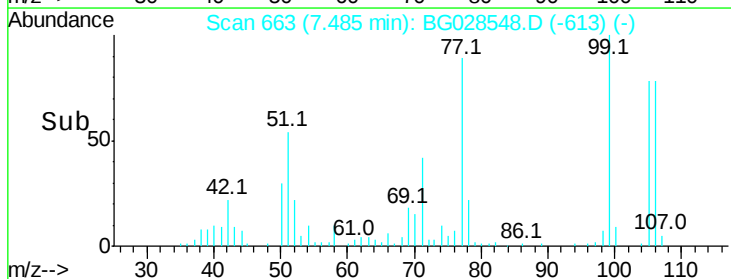
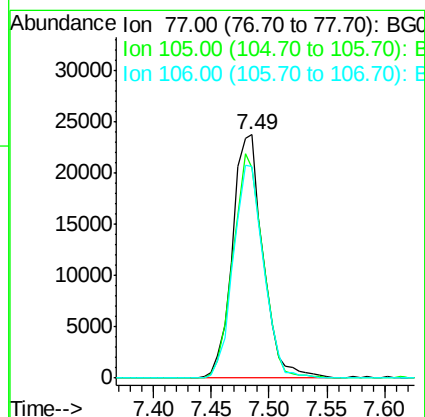
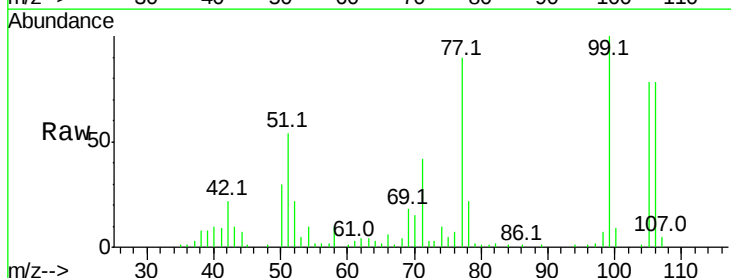
Tgt Ion: 77 Resp: 43787

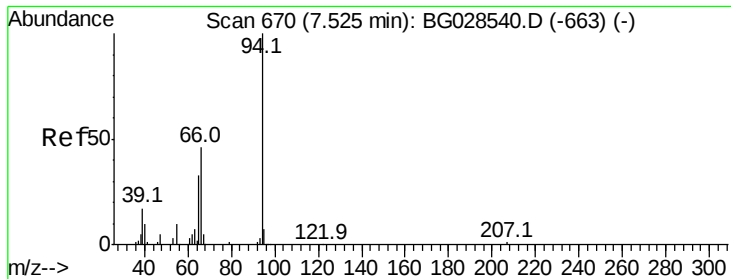
Ion Ratio Lower Upper

77 100

105 86.5 62.0 93.0

106 86.9 60.2 90.4





#6

Phenol

Concen: 16.878 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

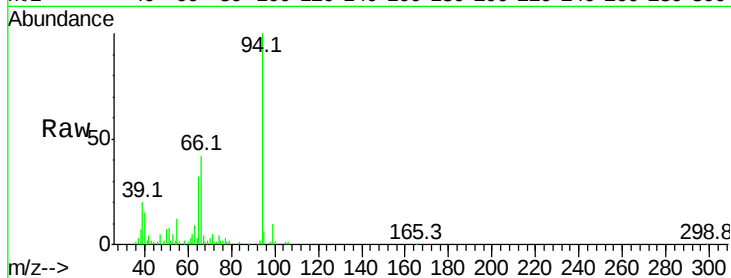
Tot Ion: 94 Resp: 68569

Ion Ratio Lower Upper

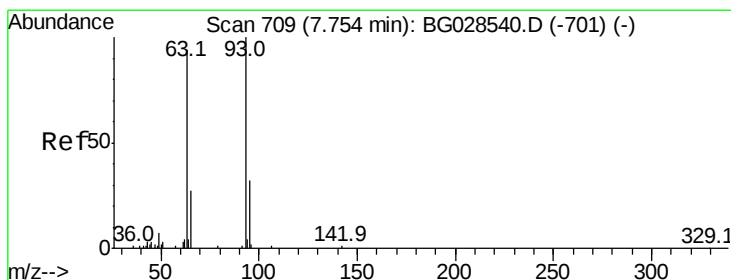
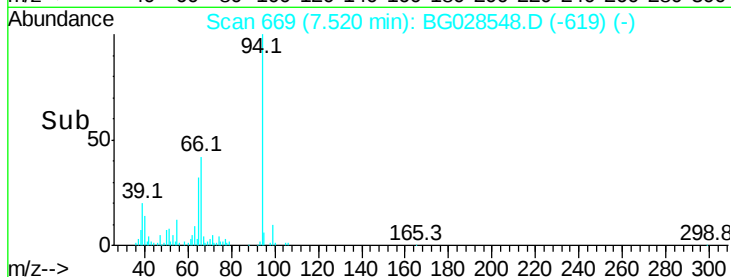
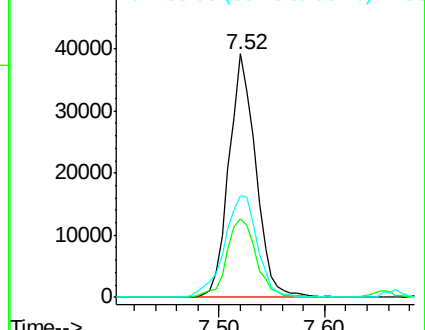
94 100

65 32.2 26.8 40.2

66 41.7 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: 17.457 ng/ul

RT: 7.75 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

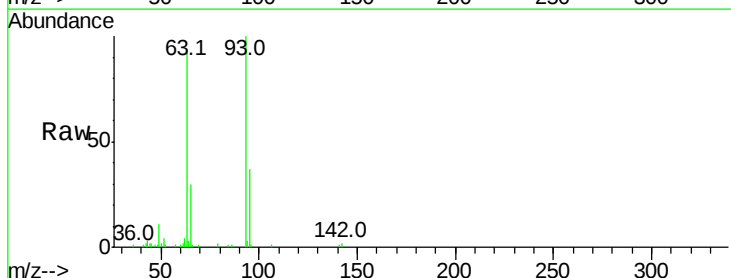
Tgt Ion: 93 Resp: 48309

Ion Ratio Lower Upper

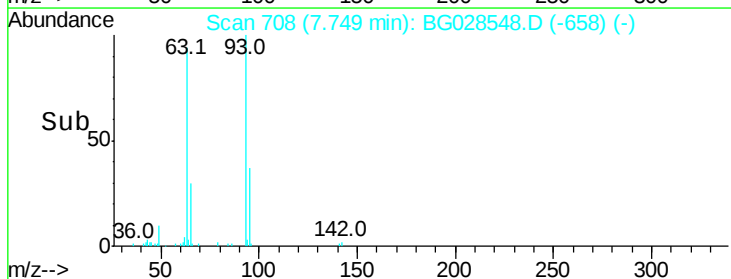
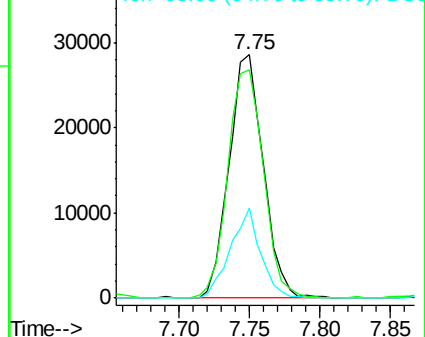
93 100

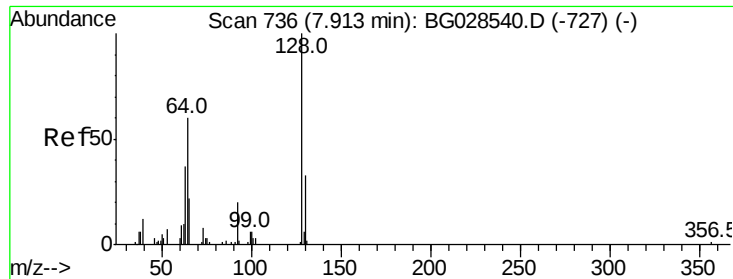
63 93.9 75.5 113.3

95 37.2 29.2 43.8



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

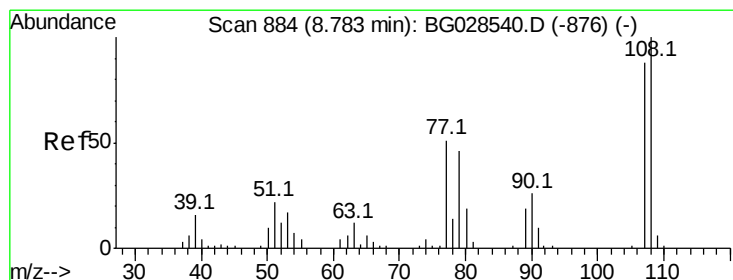
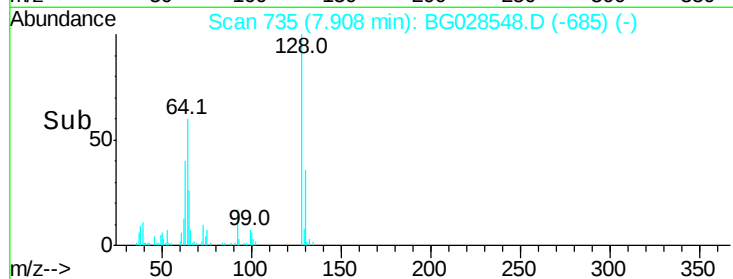
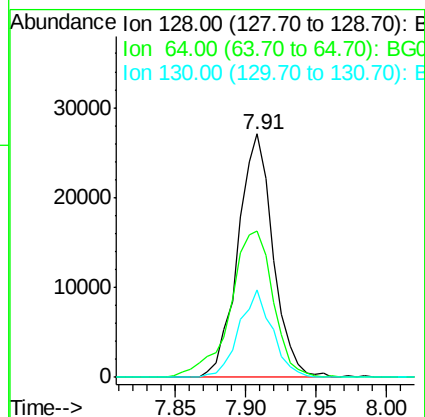
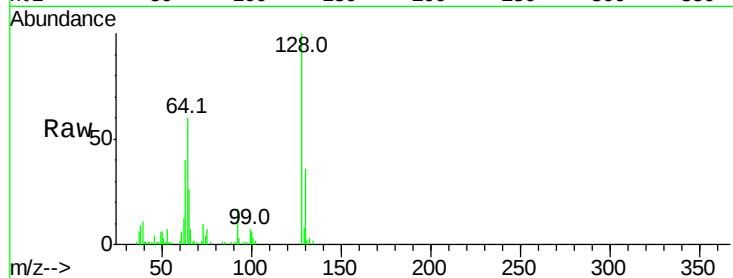




#10
2-Chlorophenol
Concen: 18.717 ng/ul
RT: 7.91 min Scan# 735
Delta R.T. -0.00 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

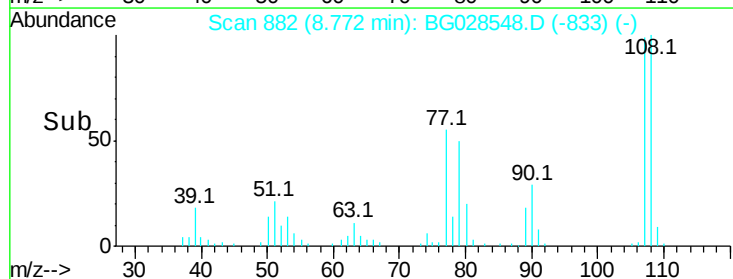
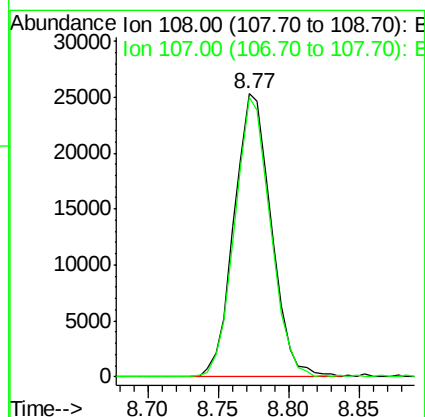
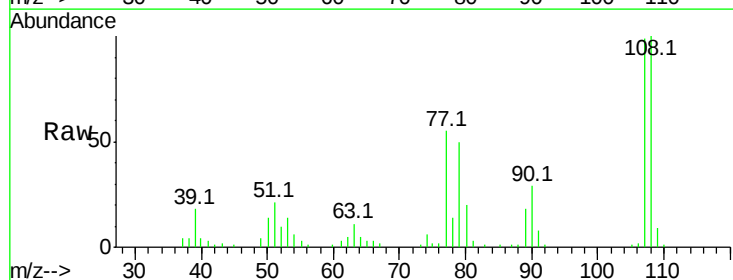
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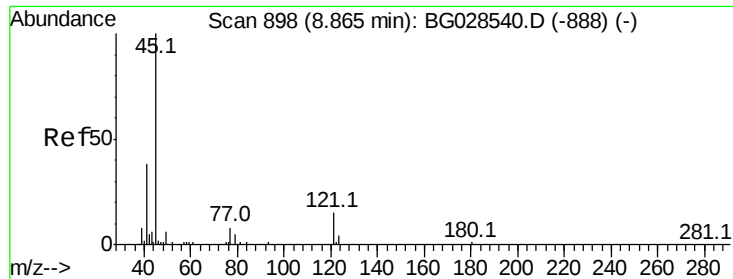
Tot Ion:128 Resp: 47036
Ion Ratio Lower Upper
128 100
64 60.0 56.3 84.5
130 36.1 26.7 40.1



#11
2-Methylphenol
Concen: 16.250 ng/ul
RT: 8.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion:108 Resp: 46597
Ion Ratio Lower Upper
108 100
107 98.9 76.7 115.1

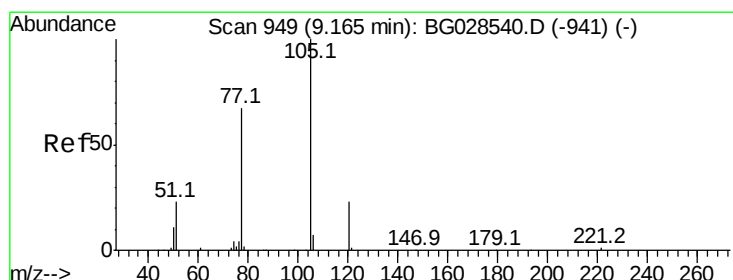
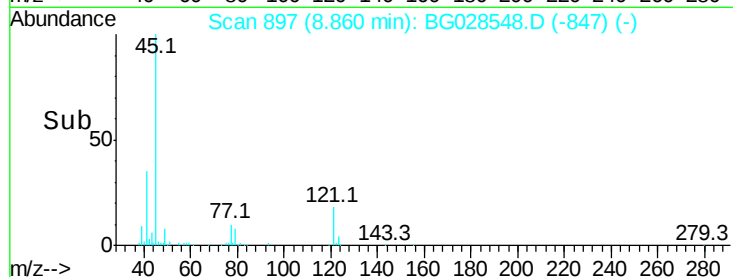
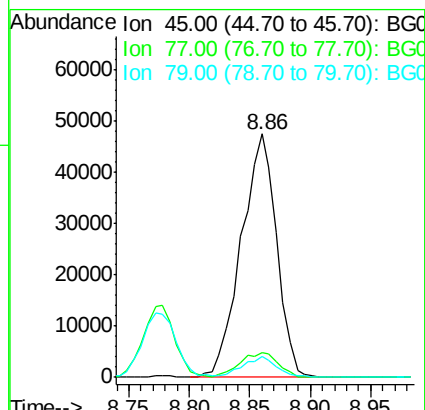
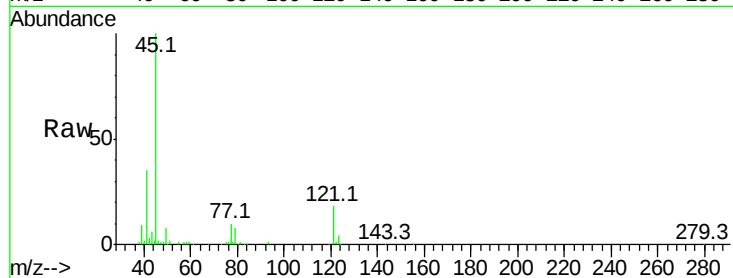




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 14.360 ng/ul
RT: 8.86 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

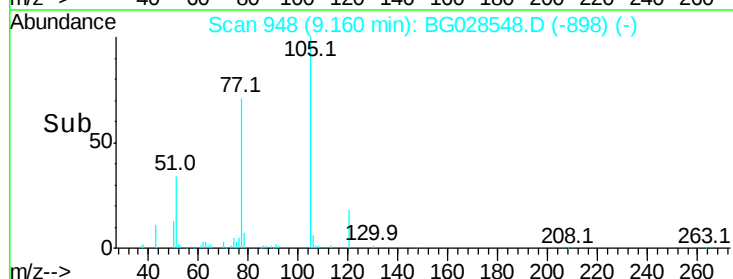
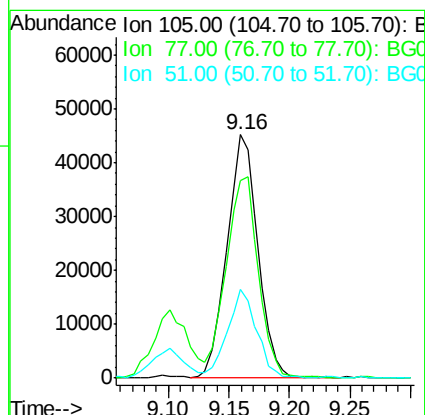
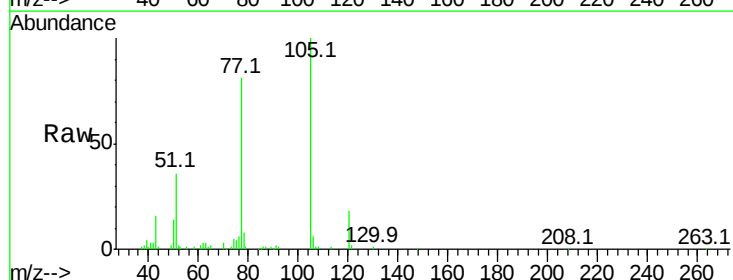
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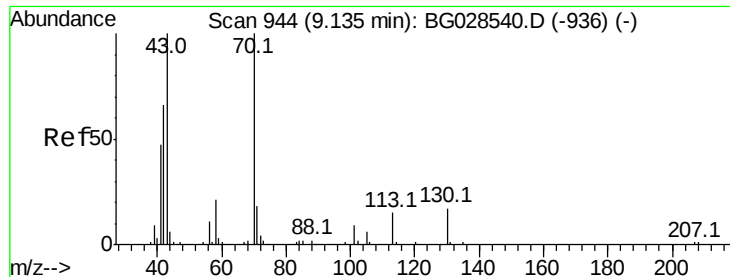
Tot Ion: 45 Resp: 96464
Ion Ratio Lower Upper
45 100
77 10.2 10.0 15.0
79 8.4 7.3 10.9



#14
Acetophenone
Concen: 16.522 ng/ul
RT: 9.16 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion: 105 Resp: 80503
Ion Ratio Lower Upper
105 100
77 80.9 76.0 114.0
51 36.2 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 16.593 ng/ul

RT: 9.14 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

Tot Ion: 70 Resp: 45949

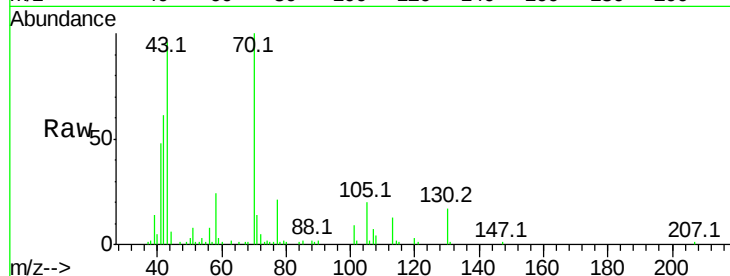
Ion Ratio Lower Upper

70 100

42 60.6 59.0 88.6

101 8.9 6.6 9.8

130 17.1 15.6 23.4

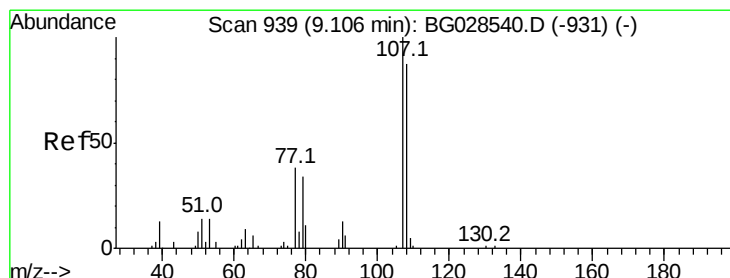
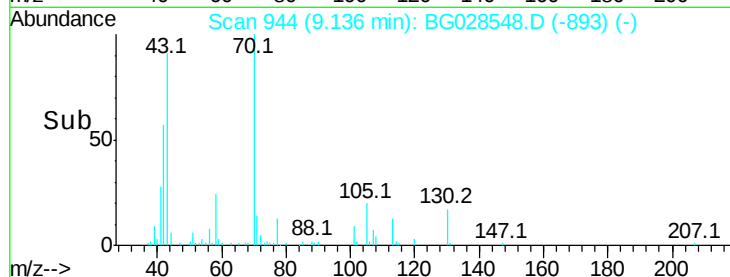
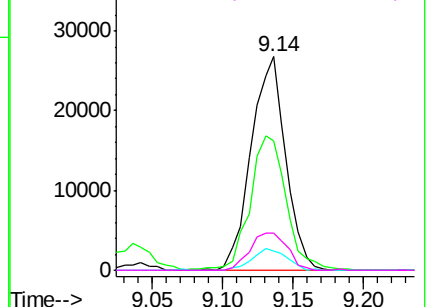


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#16

4-Methylphenol

Concen: 16.192 ng/ul

RT: 9.10 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG028548.D

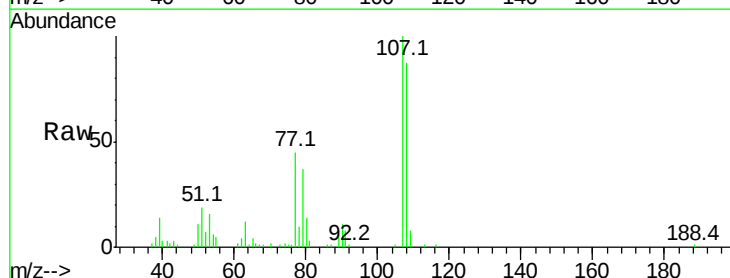
Acq: 30 Aug 2017 10:46

Tgt Ion: 108 Resp: 52429

Ion Ratio Lower Upper

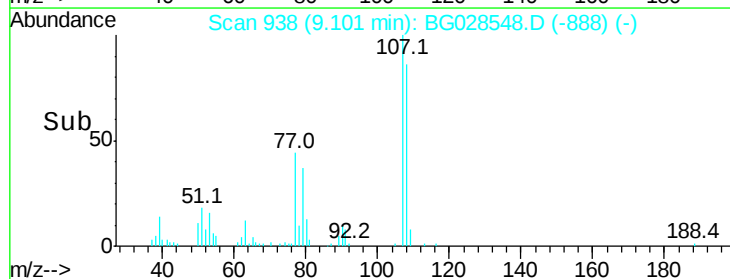
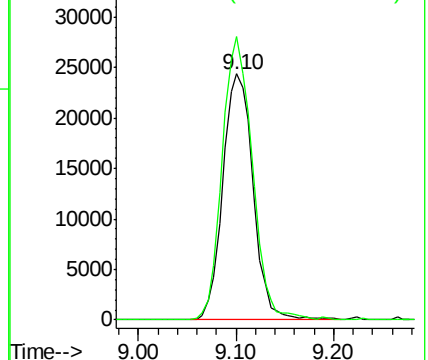
108 100

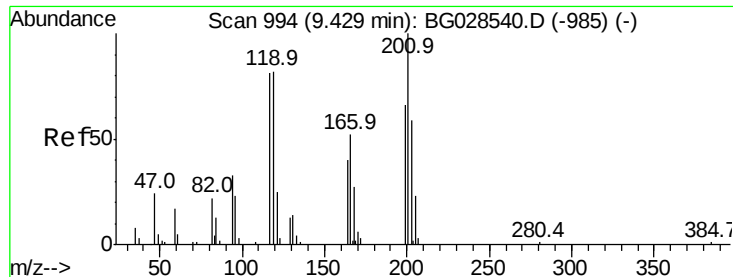
107 115.1 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC





#17

Hexachloroethane

Concen: 19.622 ng/ul

RT: 9.42 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

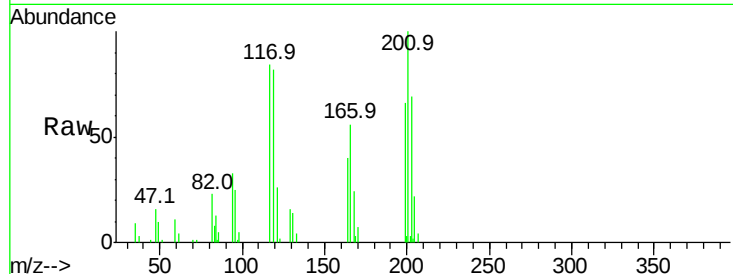
Tot Ion:117 Resp: 20433

Ion Ratio Lower Upper

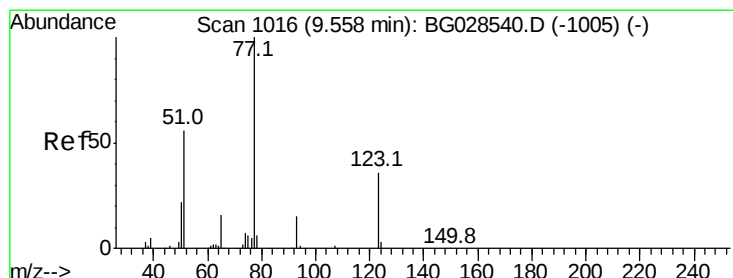
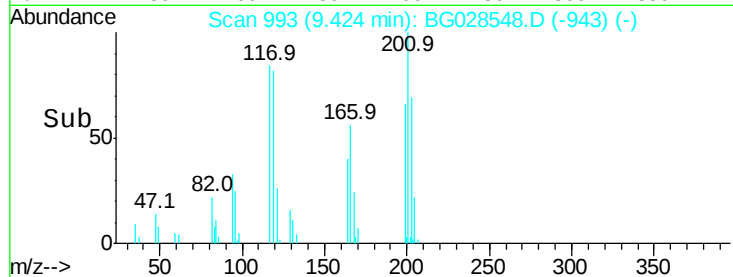
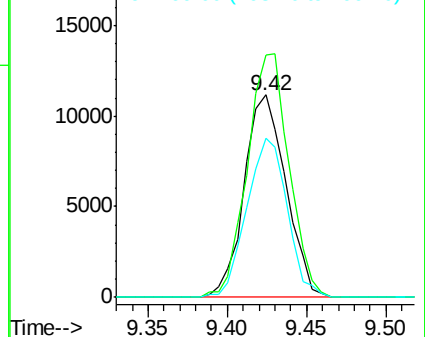
117 100

201 119.5 91.9 137.9

199 78.3 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: 20.721 ng/ul

RT: 9.55 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

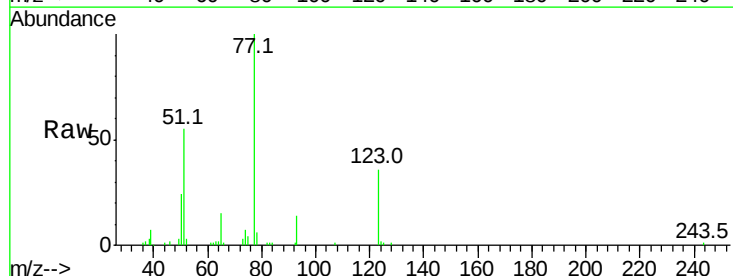
Tgt Ion: 77 Resp: 68882

Ion Ratio Lower Upper

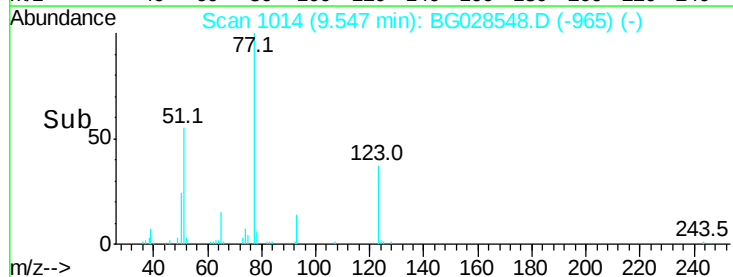
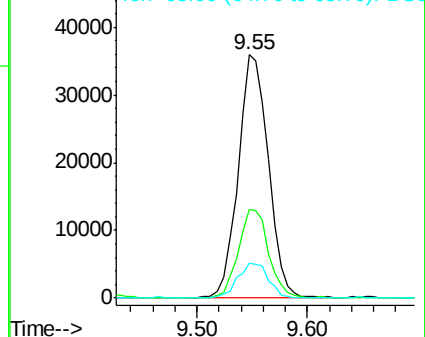
77 100

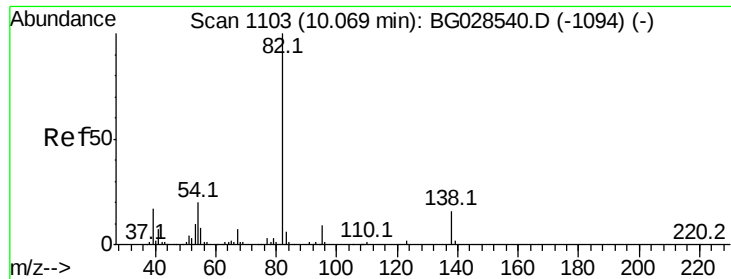
123 36.4 27.4 41.0

65 14.6 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: 19.718 ng/ul

RT: 10.07 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

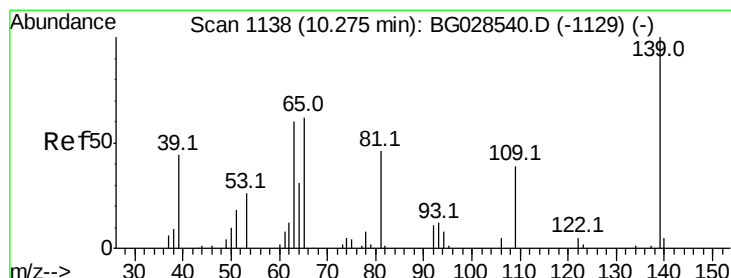
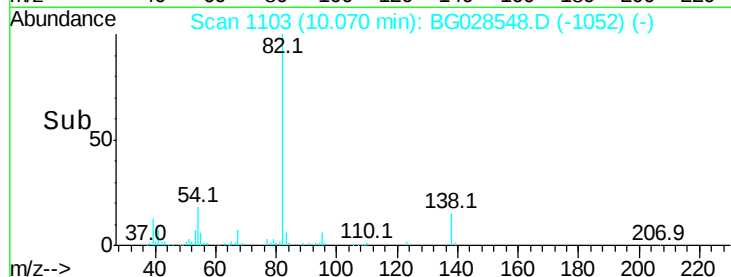
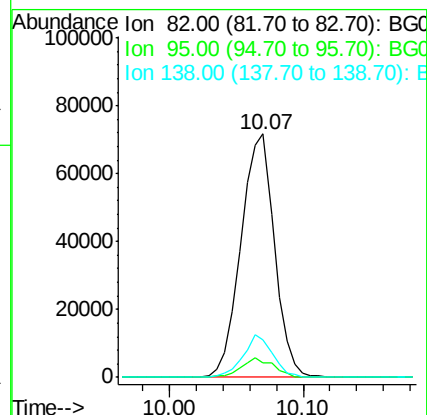
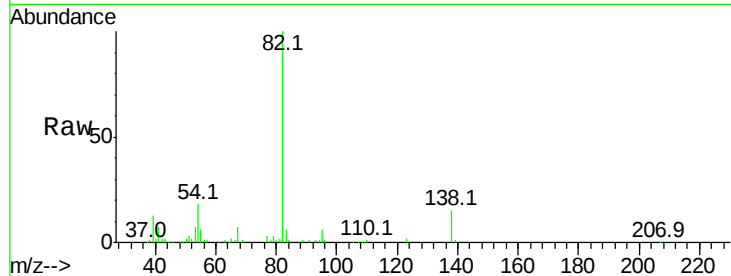
Tot Ion: 82 Resp: 124532

Ion Ratio Lower Upper

82 100

95 6.1 7.8 11.6#

138 15.2 12.2 18.2



#23

2-Nitrophenol

Concen: 22.230 ng/ul

RT: 10.26 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

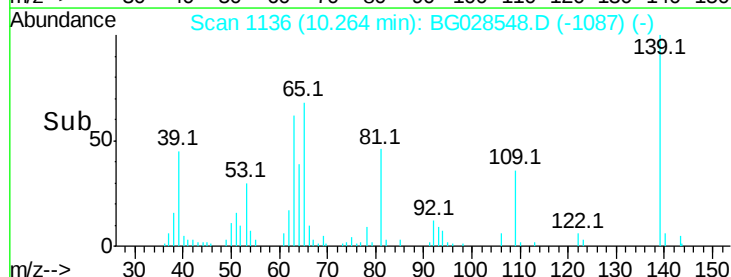
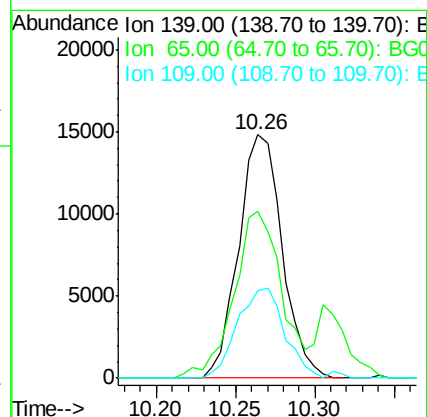
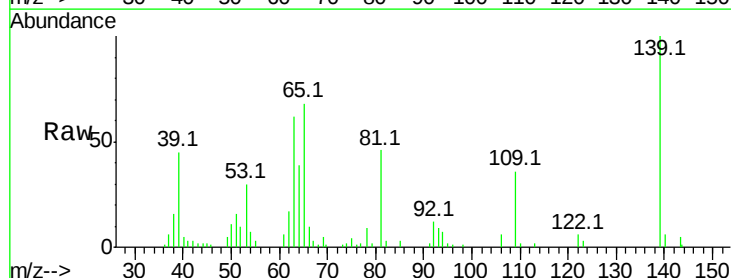
Tgt Ion:139 Resp: 28257

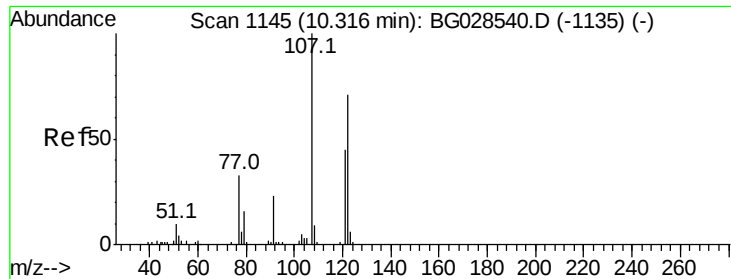
Ion Ratio Lower Upper

139 100

65 68.5 67.0 100.6

109 36.1 39.6 59.4#

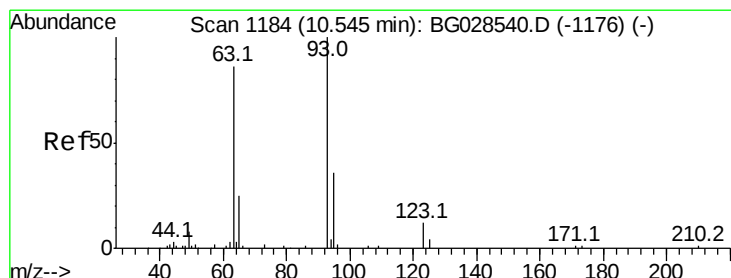
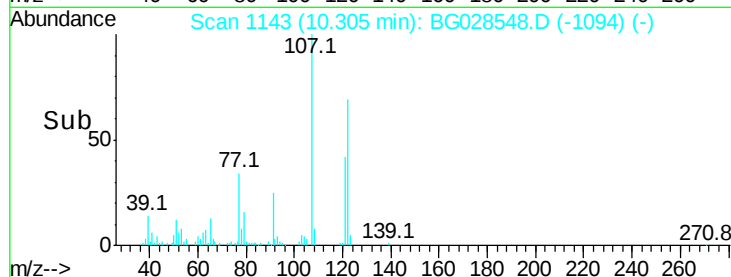
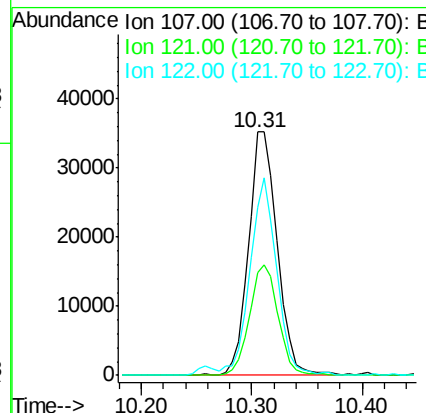
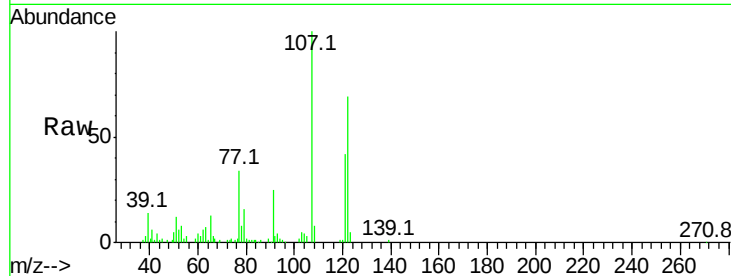




#24
2,4-Dimethylphenol
Concen: 20.399 ng/ul
RT: 10.31 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

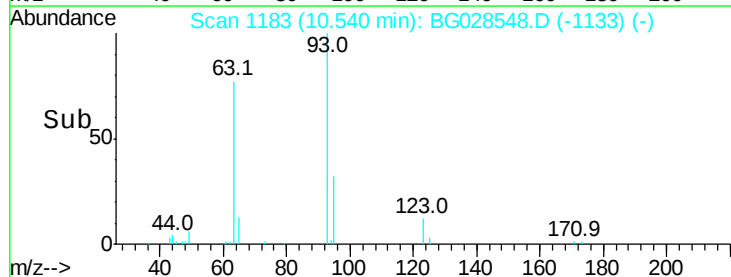
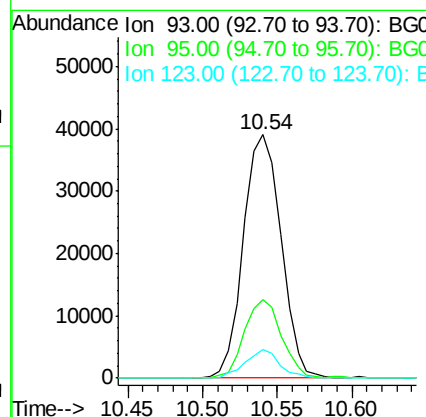
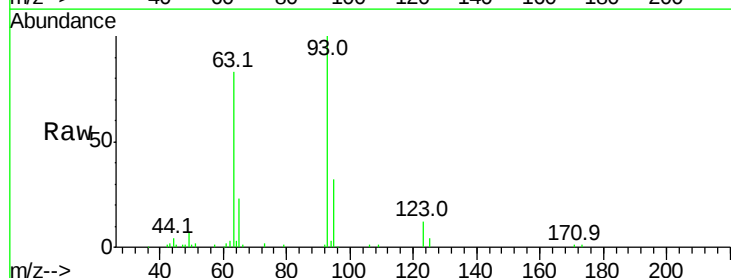
Instrument :
BNA_G
ClientSampleId :
SSTD02094

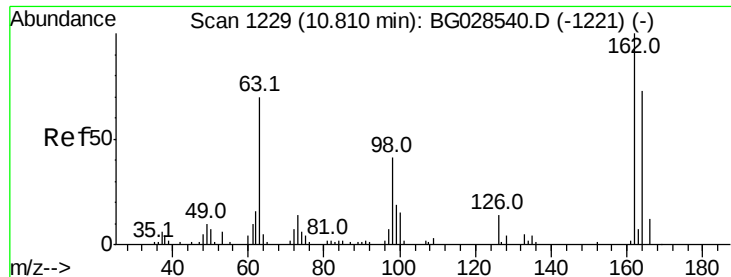
Tot Ion:107 Resp: 64449
Ion Ratio Lower Upper
107 100
121 42.0 32.3 48.5
122 68.8 61.2 91.8



#25
Bis(2-Chloroethoxy)methane
Concen: 19.884 ng/ul
RT: 10.54 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion: 93 Resp: 68405
Ion Ratio Lower Upper
93 100
95 32.4 23.4 35.0
123 11.7 7.8 11.6#

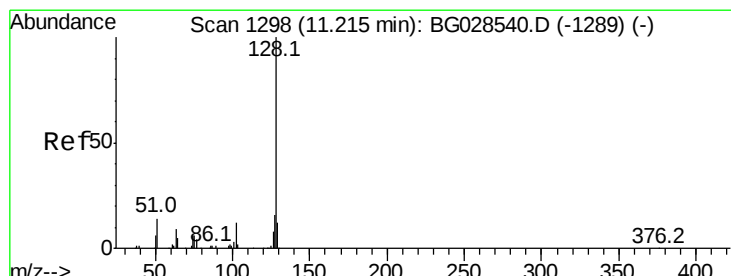
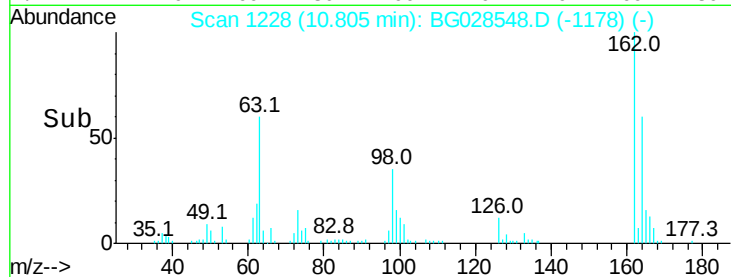
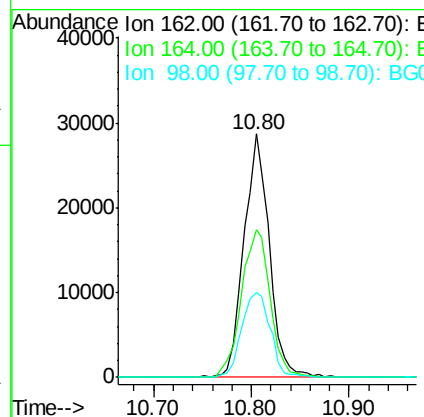
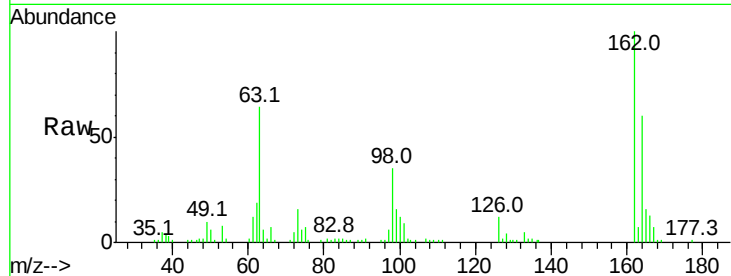




#27
2,4-Dichlorophenol
Concen: 21.870 ng/ul
RT: 10.80 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

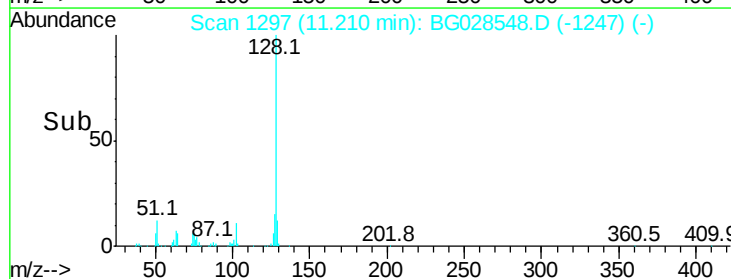
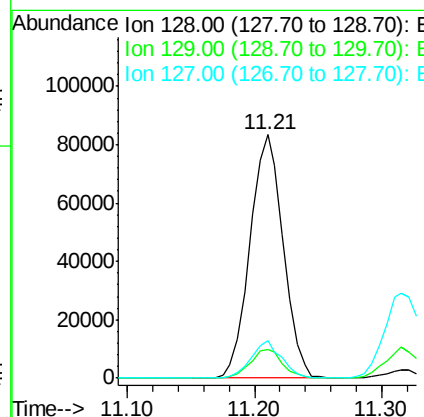
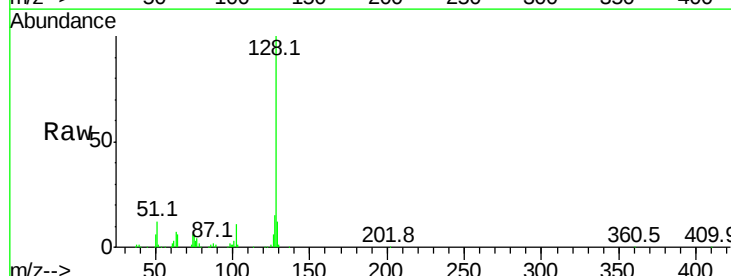
Instrument :
BNA_G
ClientSampleId :
SSTD02094

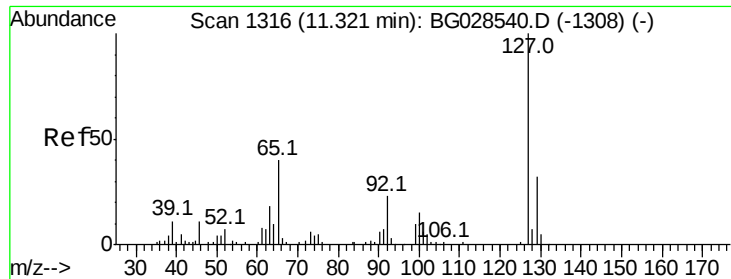
Tot Ion:162 Resp: 51864
Ion Ratio Lower Upper
162 100
164 60.5 50.8 76.2
98 35.0 32.1 48.1



#28
Naphthalene
Concen: 20.897 ng/ul
RT: 11.21 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion:128 Resp: 151996
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 15.3 10.3 15.5

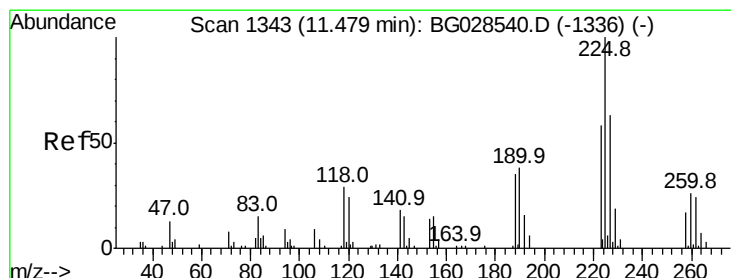
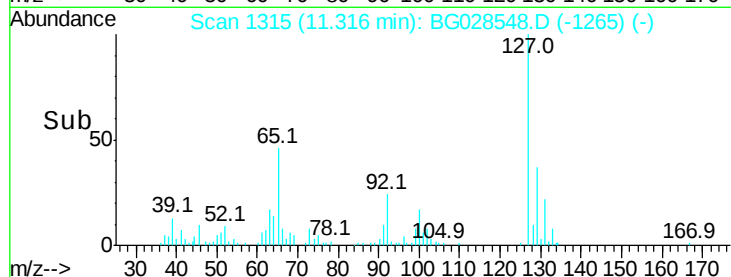
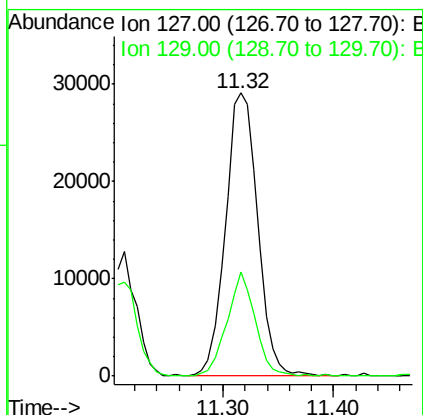
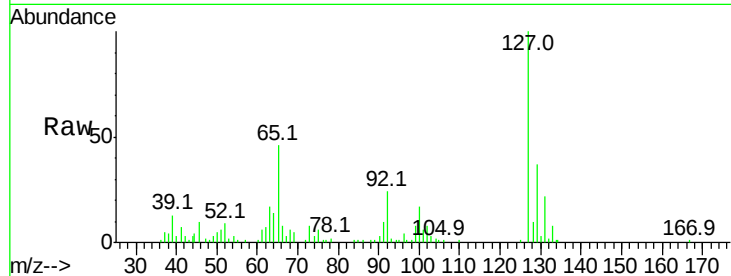




#30
4-Chloroaniline
Concen: 21.183 ng/ul
RT: 11.32 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

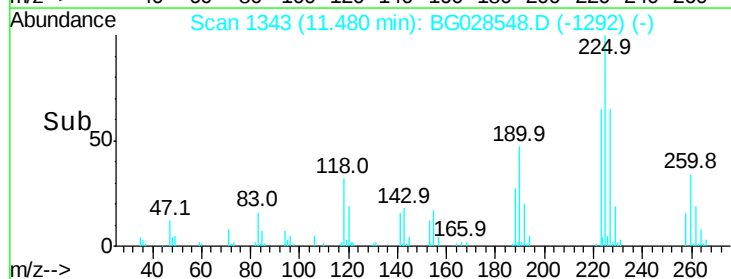
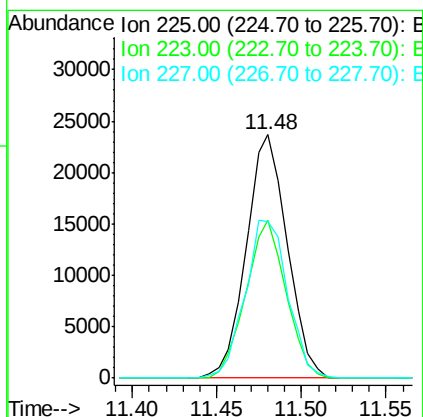
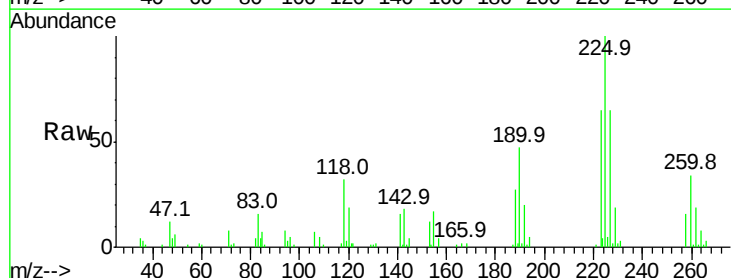
Instrument :
BNA_G
ClientSampleId :
SSTD02094

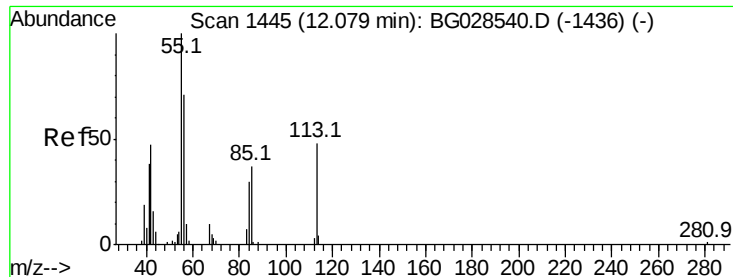
Tot Ion:127 Resp: 59542
Ion Ratio Lower Upper
127 100
129 37.0 28.9 43.3



#31
Hexachlorobutadiene
Concen: 22.790 ng/ul
RT: 11.48 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion:225 Resp: 39893
Ion Ratio Lower Upper
225 100
223 64.7 45.9 68.9
227 64.5 44.7 67.1





#32

Caprolactam

Concen: 19.910 ng/ul

RT: 12.07 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

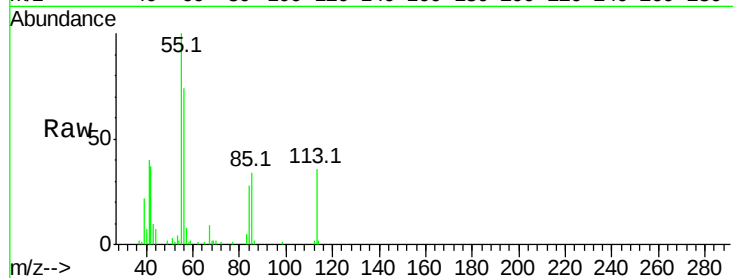
Tot Ion:113 Resp: 19634

Ion Ratio Lower Upper

113 100

55 275.0 168.6 252.8#

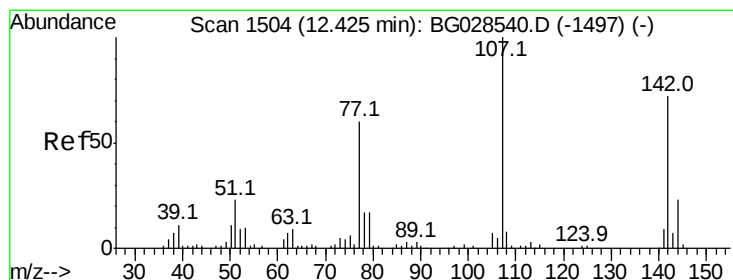
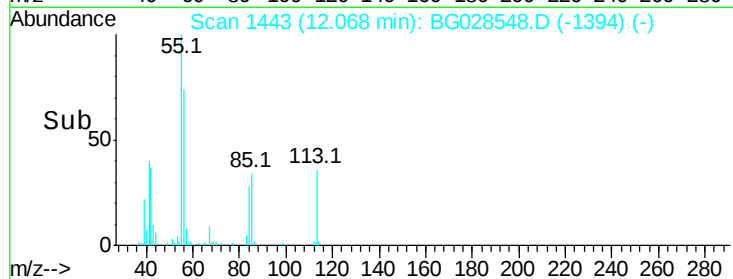
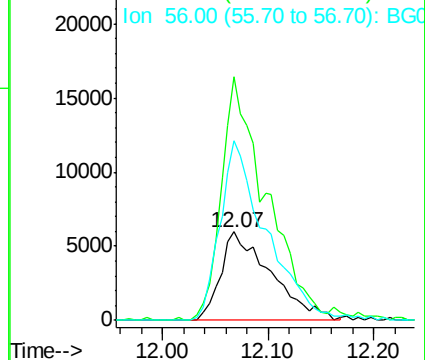
56 202.8 128.5 192.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): B

Ion 56.00 (55.70 to 56.70): B



#33

4-Chloro-3-methylphenol

Concen: 20.116 ng/ul

RT: 12.42 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

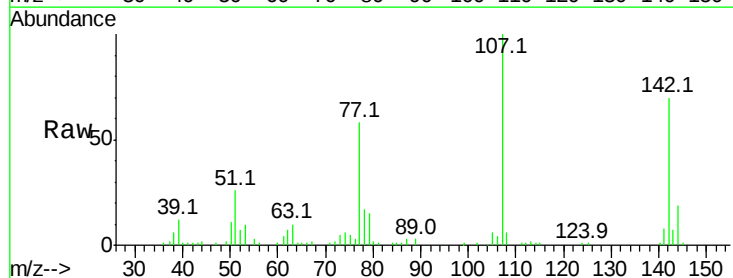
Tgt Ion:107 Resp: 60891

Ion Ratio Lower Upper

107 100

144 19.5 18.2 27.4

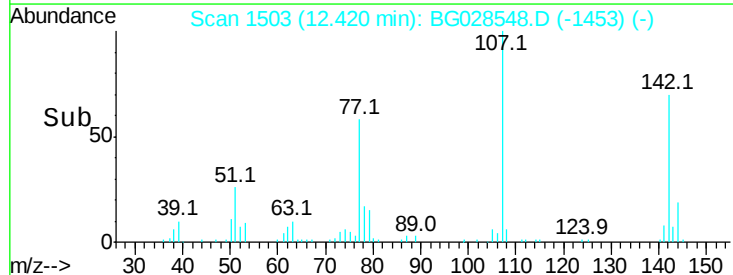
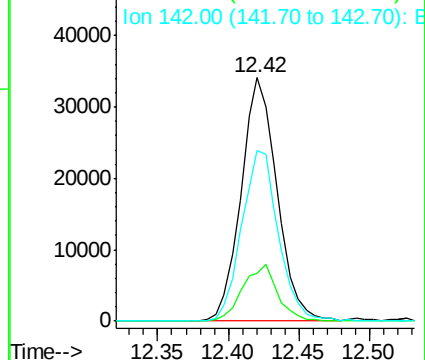
142 70.0 55.0 82.4

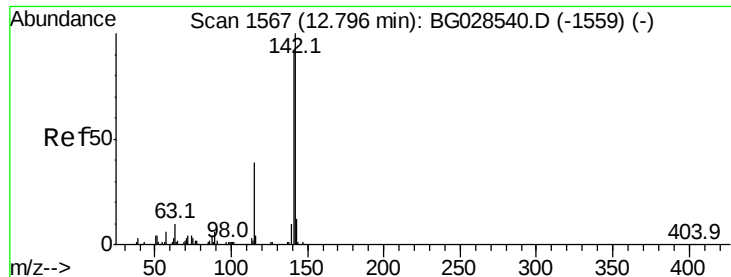


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.401 ng/ul

RT: 12.79 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

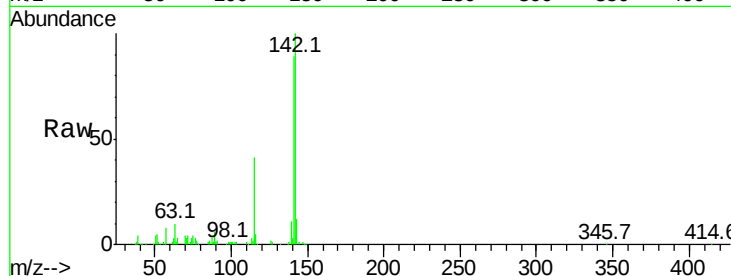
SSTD02094

Tot Ion:142 Resp: 113345

Ion Ratio Lower Upper

142 100

141 88.8 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.79

80000

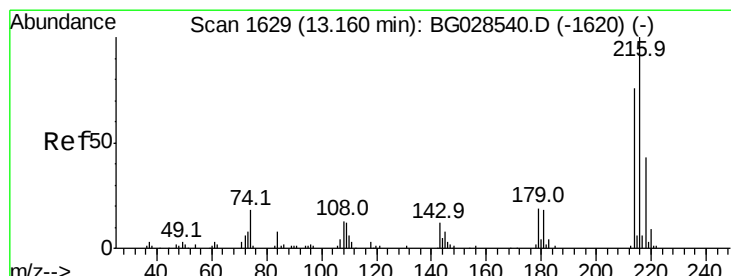
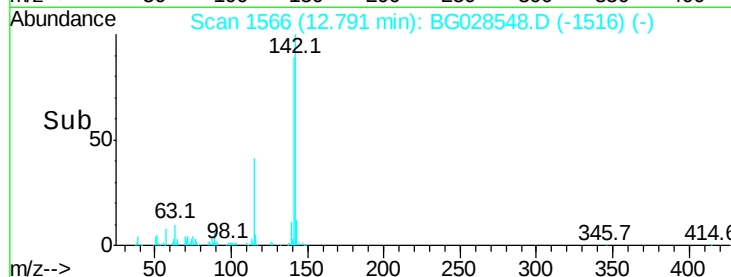
60000

40000

20000

0

Time--> 12.70 12.75 12.80 12.85



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.743 ng/ul

RT: 13.15 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Tgt Ion:216 Resp: 74822

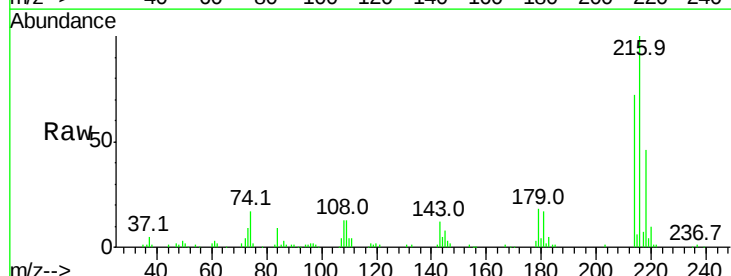
Ion Ratio Lower Upper

216 100

214 72.5 67.0 100.6

179 17.7 18.1 27.1#

108 13.2 14.1 21.1#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

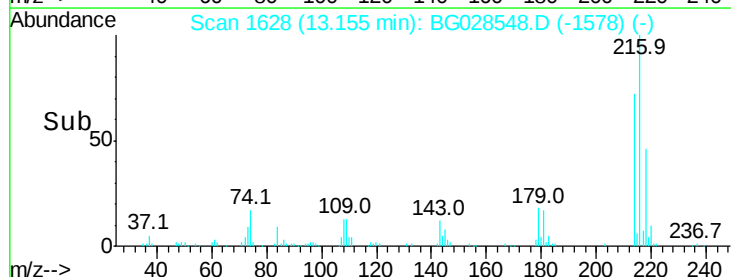
60000

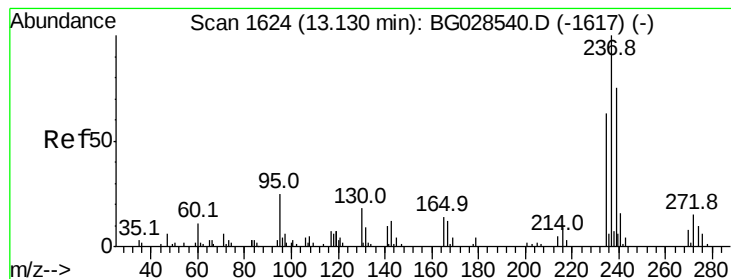
40000

20000

0

Time--> 13.10 13.15 13.20





#37

Hexachlorocyclopentadiene

Concen: 12.223 ng/ul

RT: 13.13 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

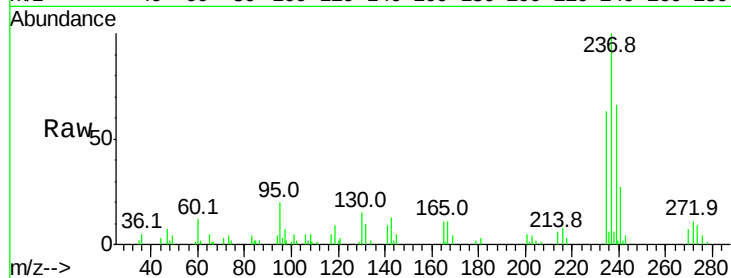
Tot Ion:237 Resp: 22189

Ion Ratio Lower Upper

237 100

235 63.0 50.2 75.4

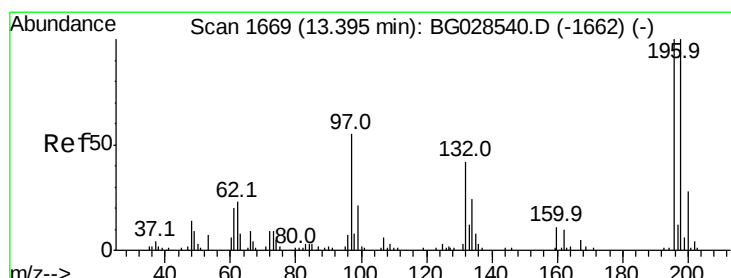
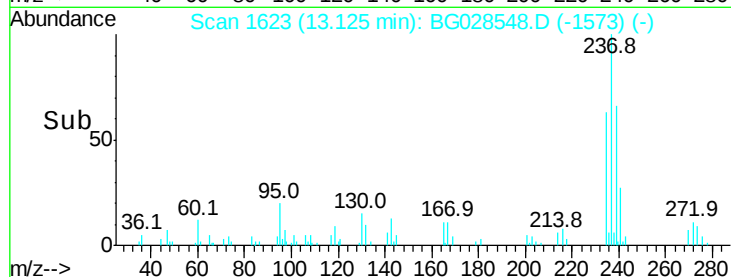
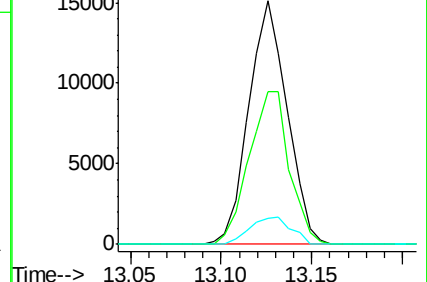
272 10.6 10.6 16.0#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 23.752 ng/ul

RT: 13.39 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

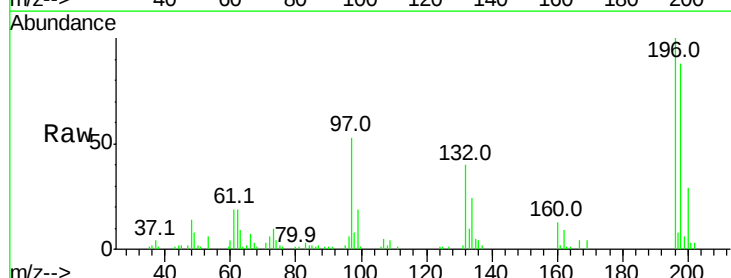
Tgt Ion:196 Resp: 48702

Ion Ratio Lower Upper

196 100

198 88.0 71.4 107.2

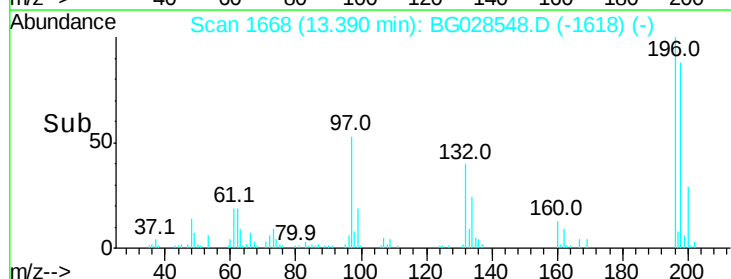
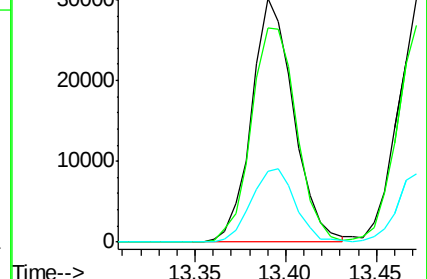
200 29.2 24.6 37.0

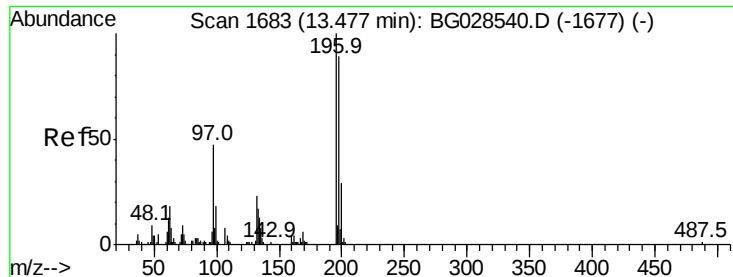


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

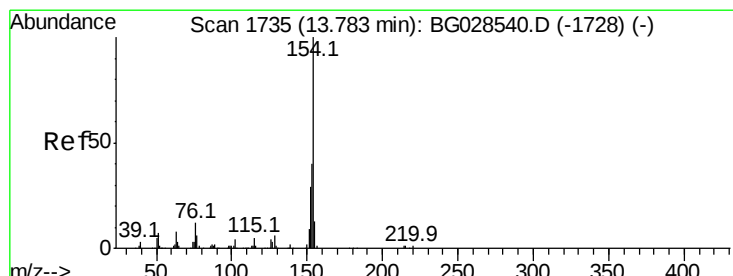
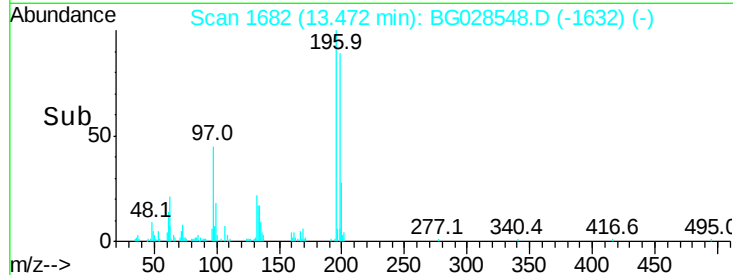
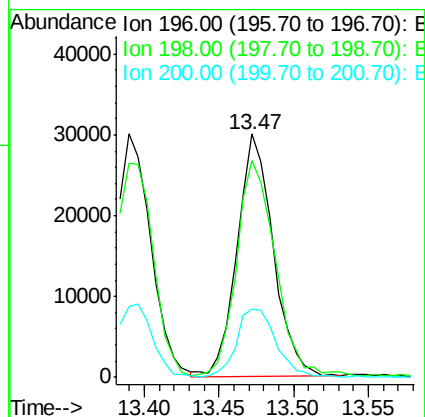
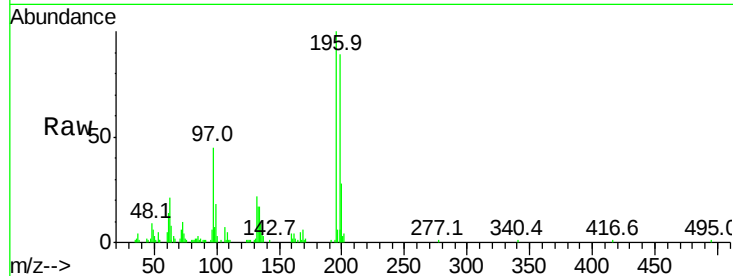




#39
 2,4,5-Trichlorophenol
 Concen: 22.397 ng/ul
 RT: 13.47 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

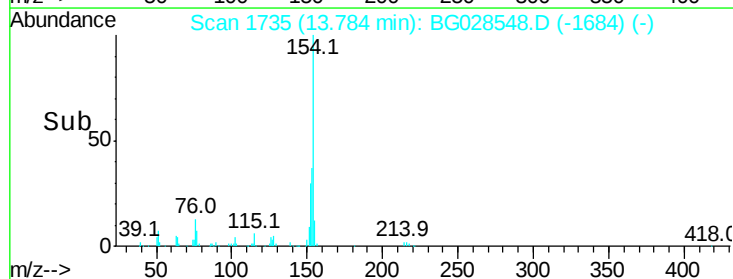
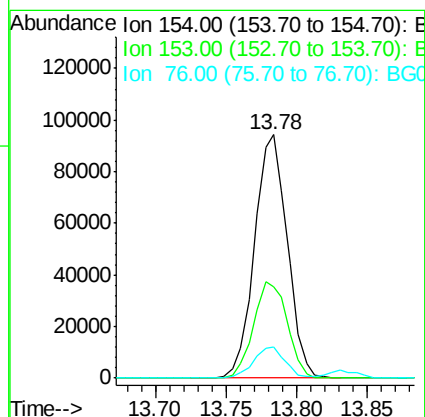
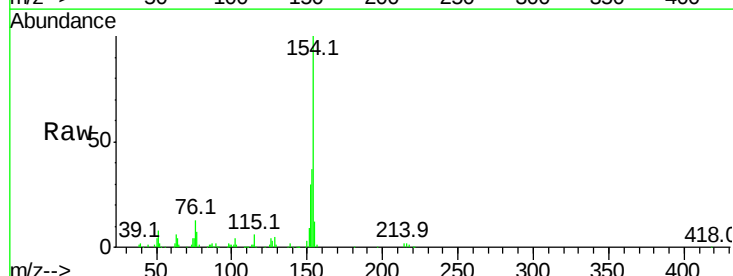
Instrument :
 BNA_G
 ClientSampleId :
 SST02094

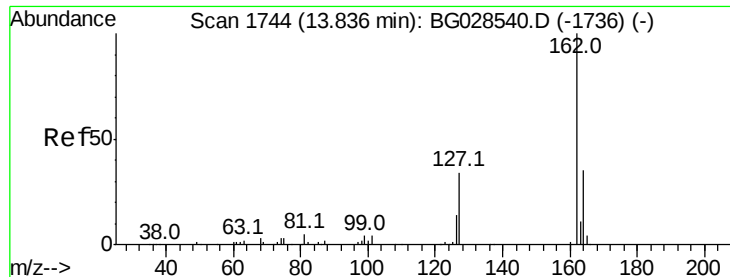
Tot Ion	Ratio	Lower	Upper
196	100		
198	88.8	78.6	118.0
200	27.9	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 20.591 ng/ul
 RT: 13.78 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.4	32.2	48.2
76	13.0	9.6	14.4

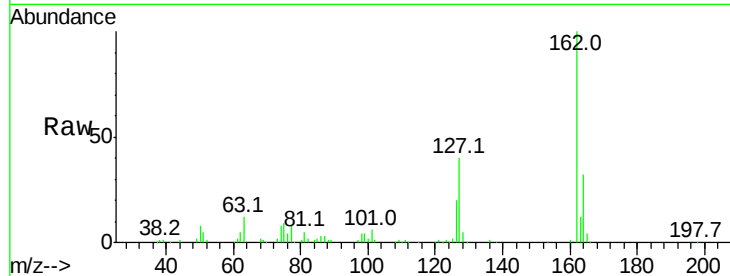




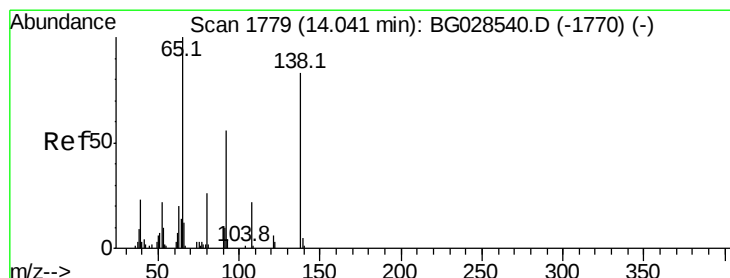
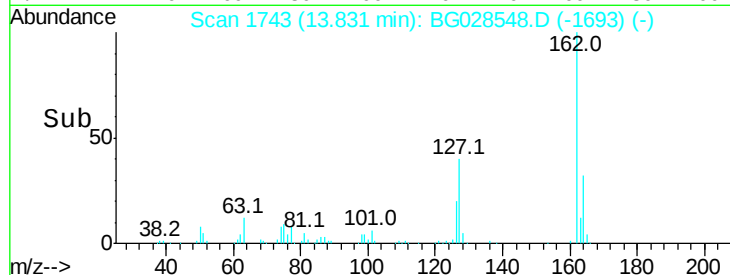
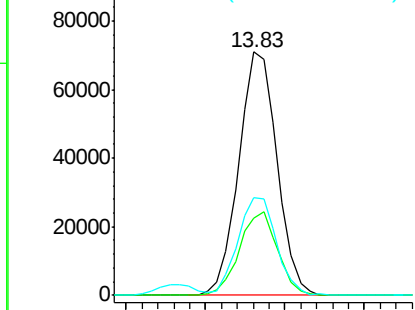
#41
 2-Chloronaphthalene
 Concen: 20.127 ng/ul
 RT: 13.83 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SST02094

Tot Ion:162 Resp: 118564
 Ion Ratio Lower Upper
 162 100
 164 31.6 25.0 37.6
 127 40.1 30.7 46.1

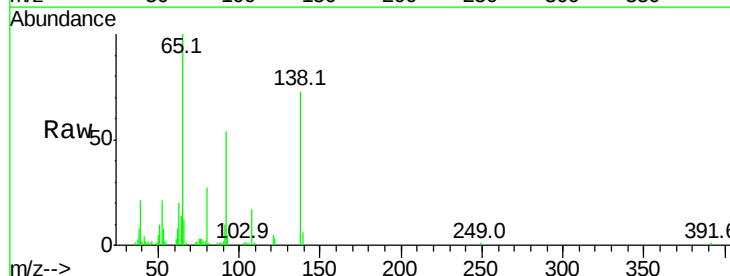


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

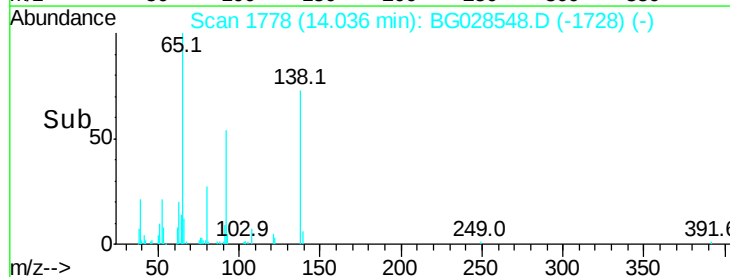
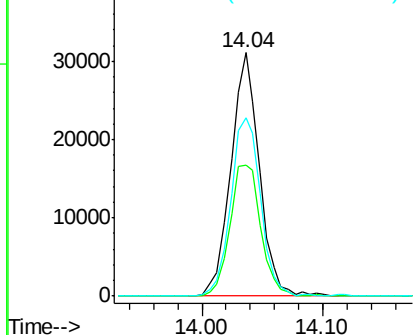


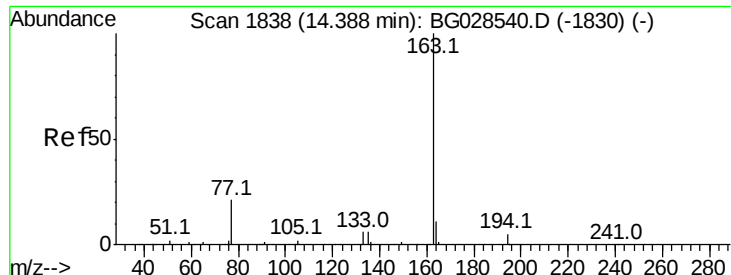
#42
 2-Nitroaniline
 Concen: 20.532 ng/ul
 RT: 14.04 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Tgt Ion: 65 Resp: 50711
 Ion Ratio Lower Upper
 65 100
 92 54.0 50.9 76.3
 138 73.0 61.8 92.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 19.948 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

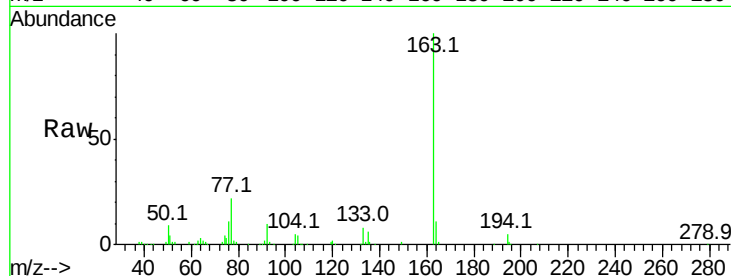
Tot Ion:163 Resp: 166739

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

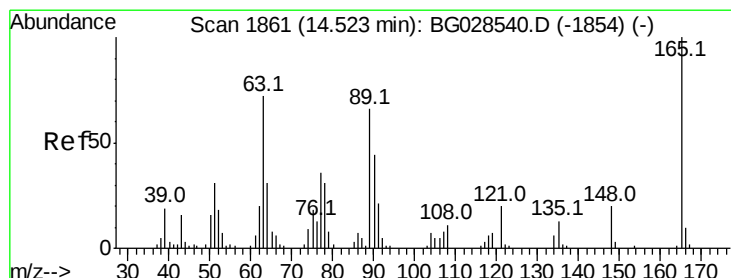
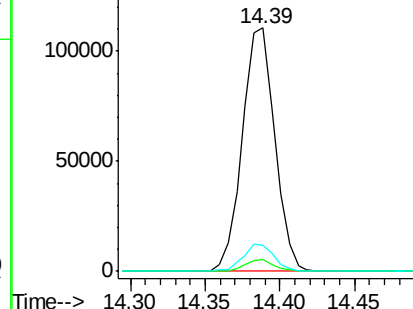
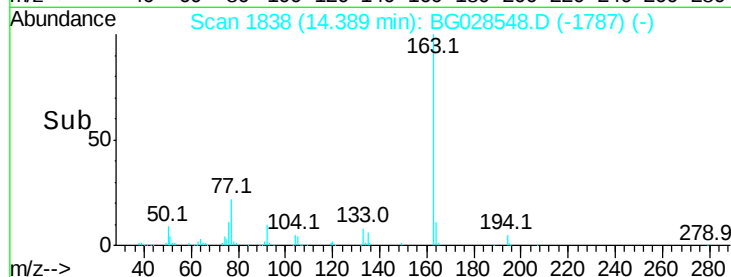
164 10.6 9.0 13.4



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: 21.134 ng/ul

RT: 14.52 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

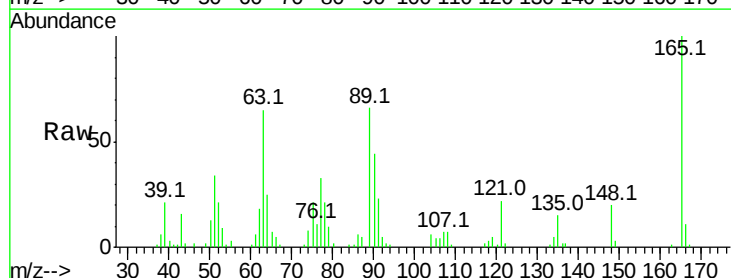
Tgt Ion:165 Resp: 36473

Ion Ratio Lower Upper

165 100

89 66.4 52.9 79.3

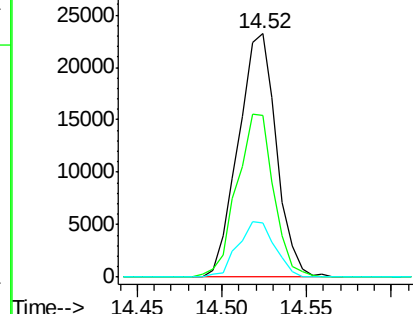
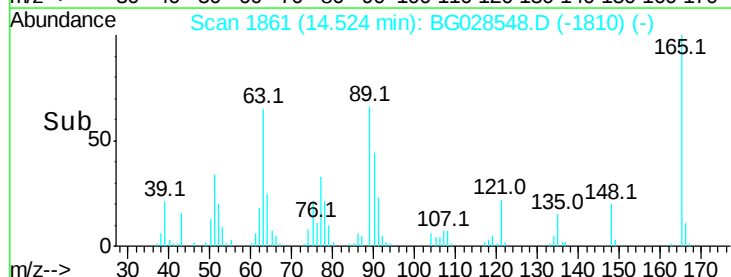
121 22.1 22.2 33.4#

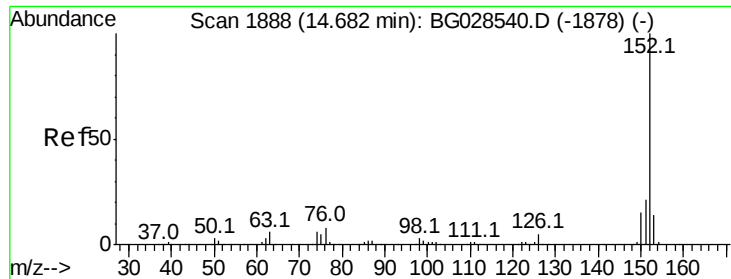


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.370 ng/ul

RT: 14.68 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

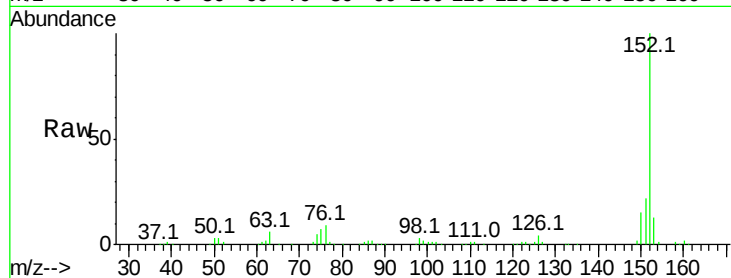
Tot Ion:152 Resp: 199243

Ion Ratio Lower Upper

152 100

151 21.7 16.7 25.1

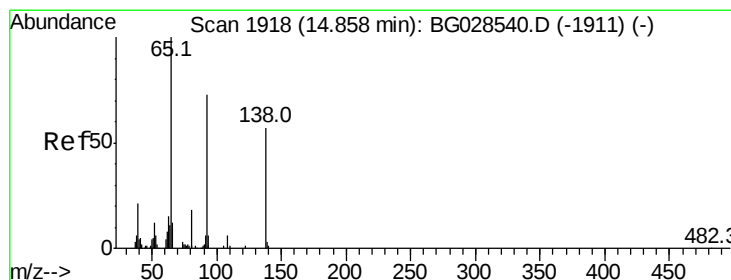
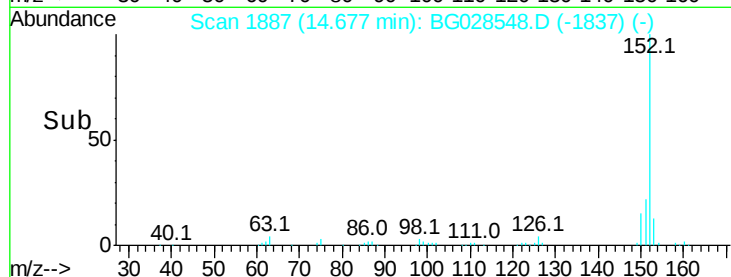
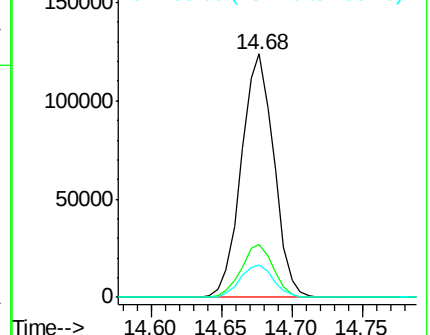
153 13.1 11.4 17.2



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: 22.448 ng/ul

RT: 14.85 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

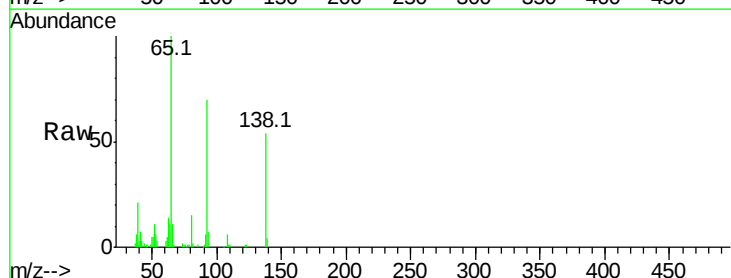
Tgt Ion:138 Resp: 34884

Ion Ratio Lower Upper

138 100

108 11.3 6.3 9.5#

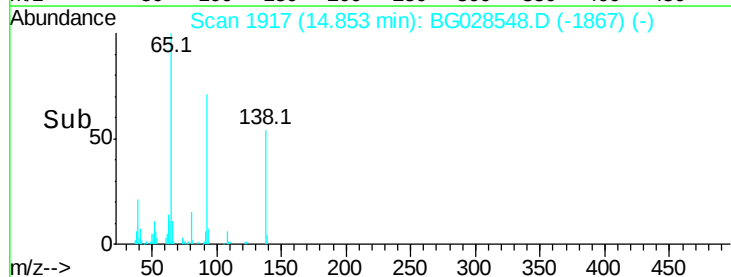
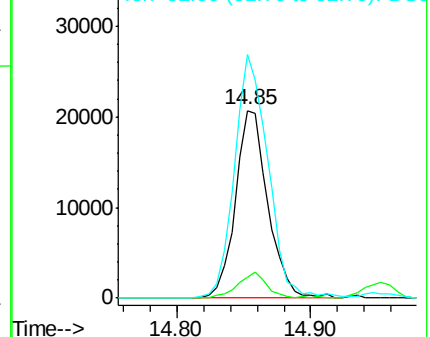
92 129.9 106.4 159.6

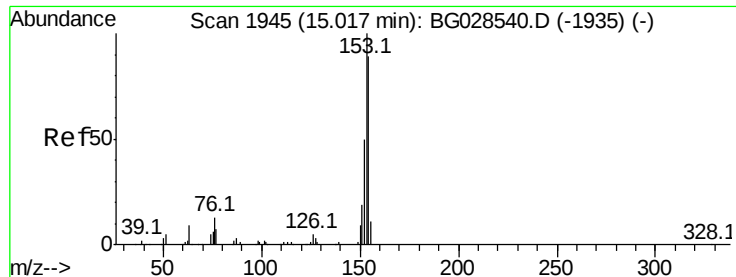


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 19.884 ng/ul

RT: 15.02 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

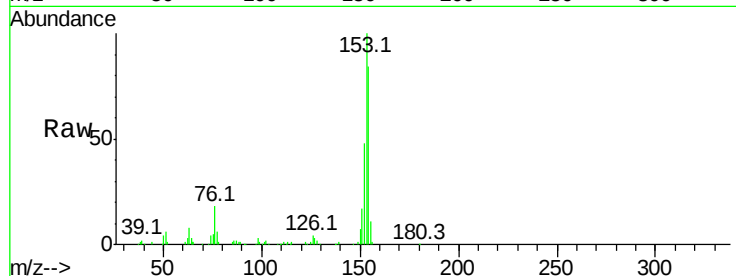
Tot Ion:153 Resp: 131228

Ion Ratio Lower Upper

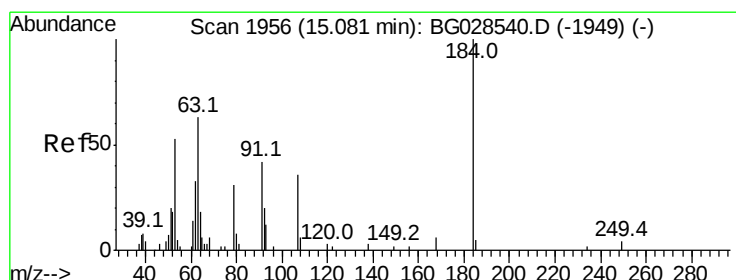
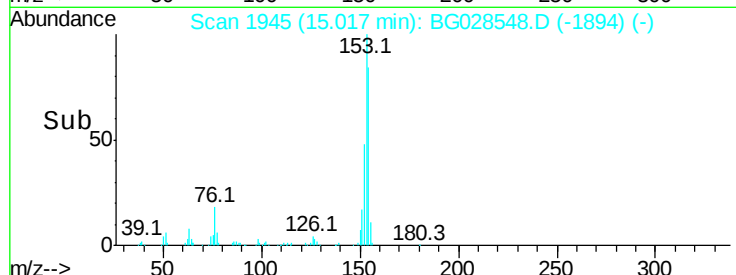
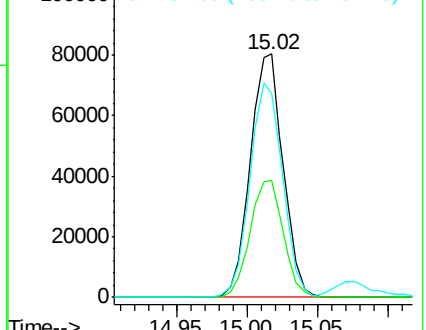
153 100

152 47.9 36.5 54.7

154 83.5 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: 15.089 ng/ul

RT: 15.08 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

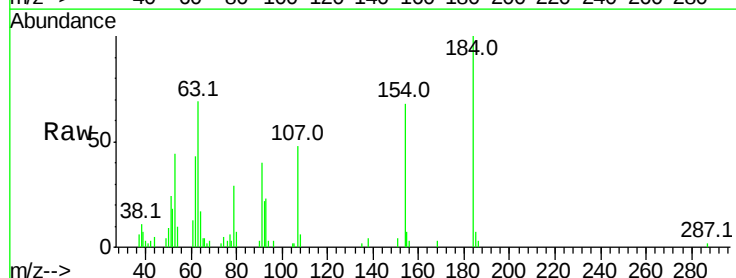
Tgt Ion:184 Resp: 14672

Ion Ratio Lower Upper

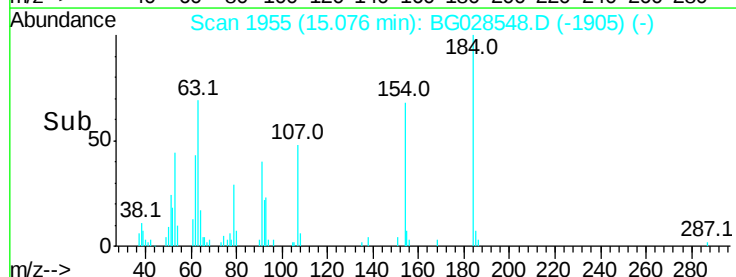
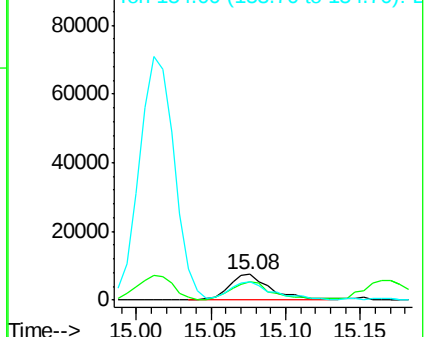
184 100

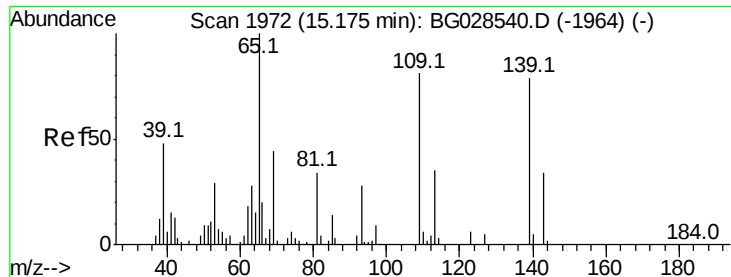
63 68.7 65.1 97.7

154 68.2 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: 17.722 ng/ul

RT: 15.16 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

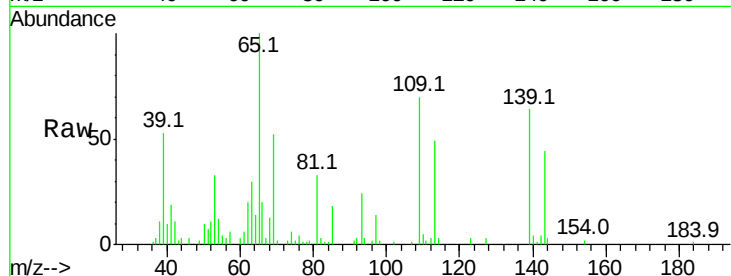
Tot Ion:109 Resp: 26505

Ion Ratio Lower Upper

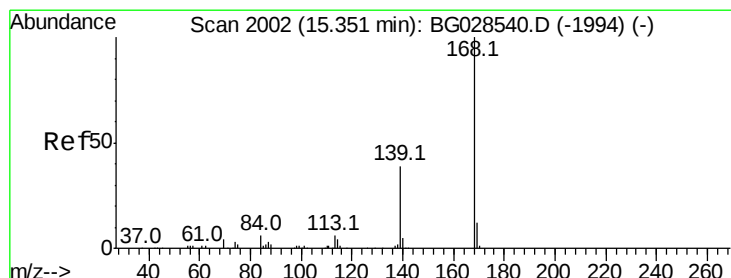
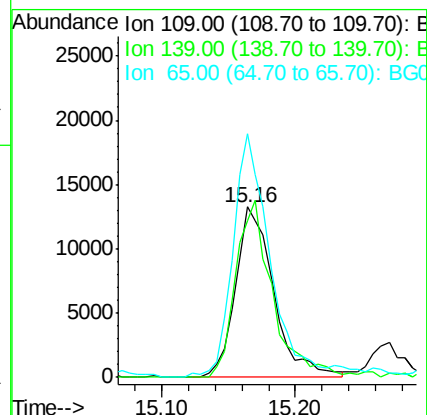
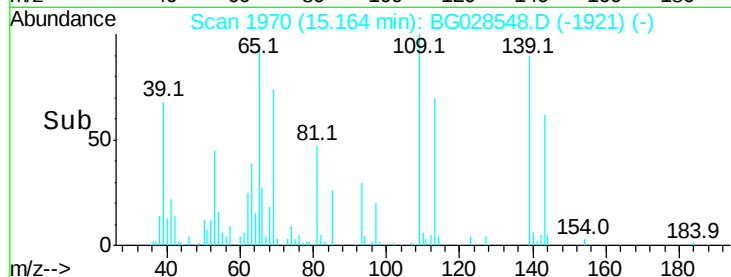
109 100

139 92.3 62.6 93.8

65 143.1 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: 20.438 ng/ul

RT: 15.35 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG028548.D

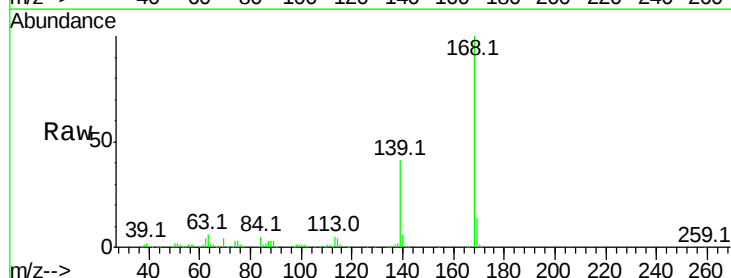
Acq: 30 Aug 2017 10:46

Tgt Ion:168 Resp: 196664

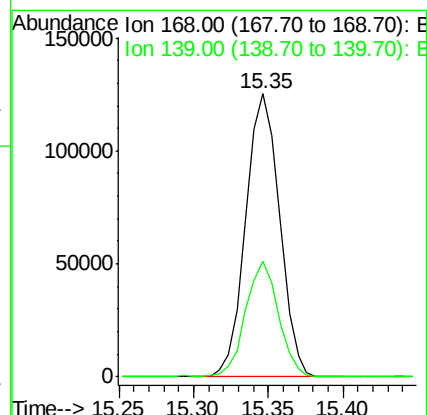
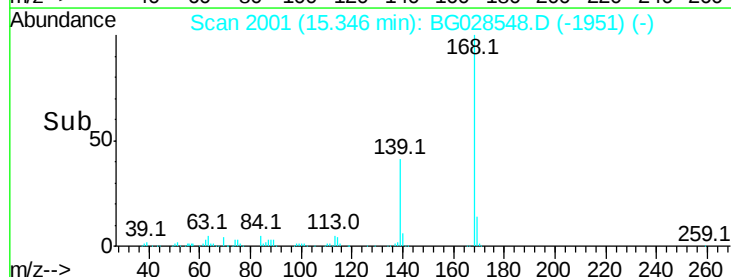
Ion Ratio Lower Upper

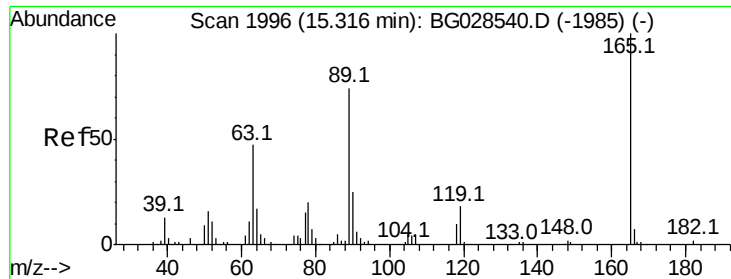
168 100

139 40.7 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: 21.127 ng/ul

RT: 15.31 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

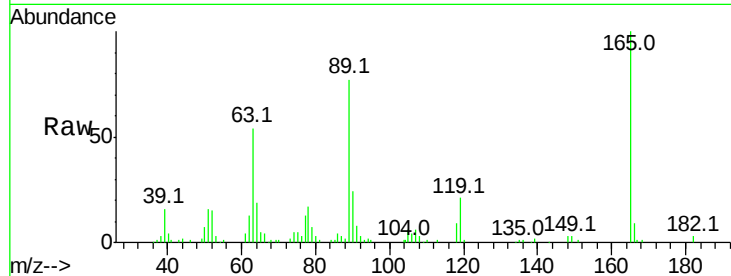
Tot Ion:165 Resp: 55255

Ion Ratio Lower Upper

165 100

63 53.7 46.8 70.2

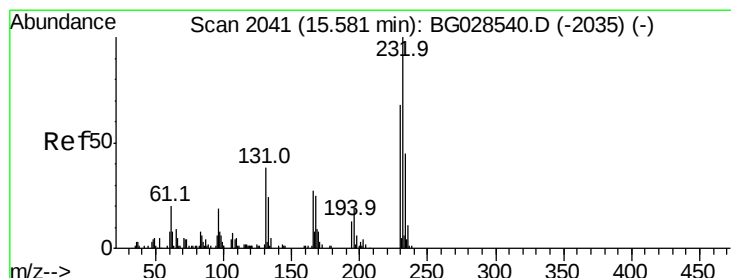
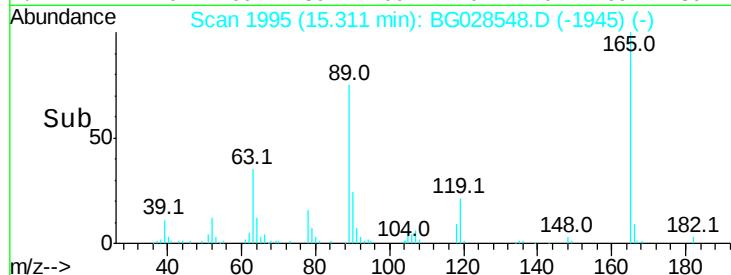
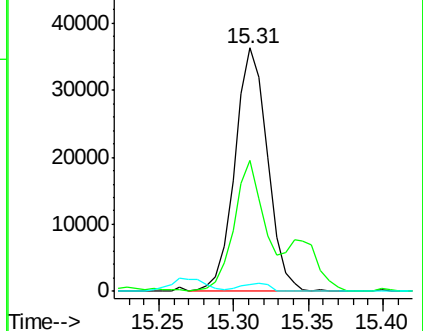
182 2.7 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 22.604 ng/ul

RT: 15.58 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Tgt Ion:232 Resp: 47051

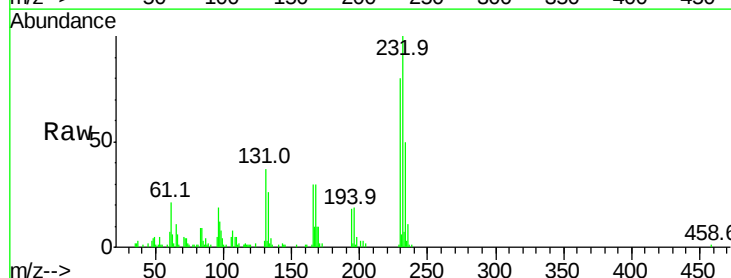
Ion Ratio Lower Upper

232 100

131 37.2 33.3 49.9

130 2.5 1.8 2.6

166 30.4 21.9 32.9

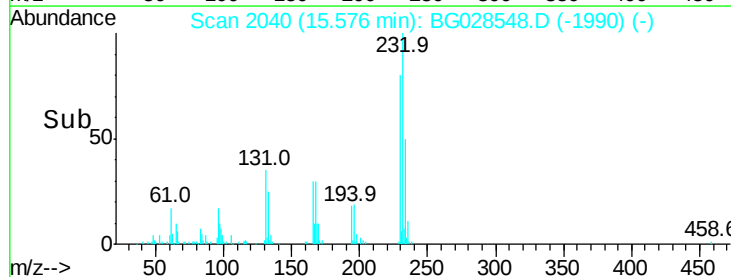
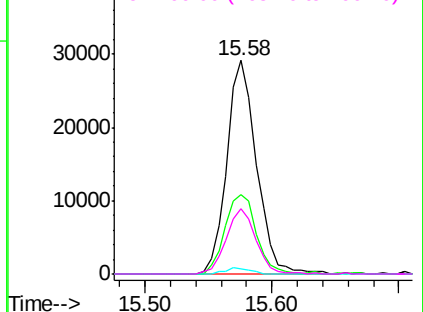


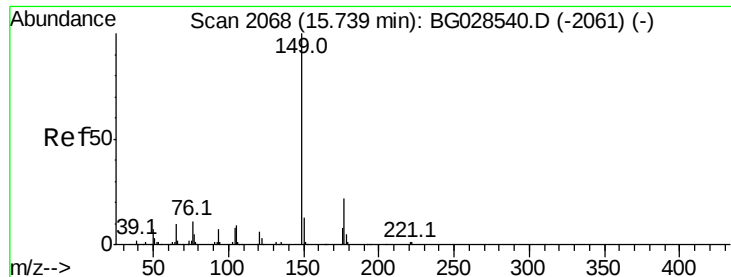
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 18.916 ng/ul

RT: 15.74 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

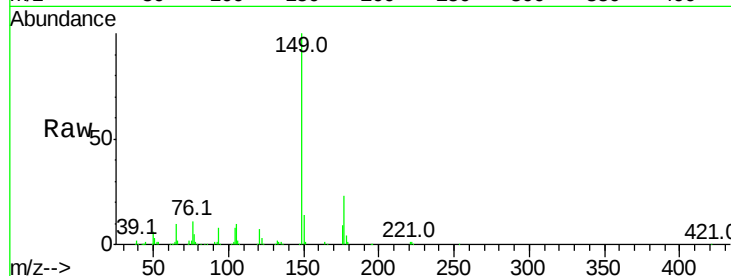
BNA_G

ClientSampleId :

SSTD02094

Tot Ion:149 Resp: 185490

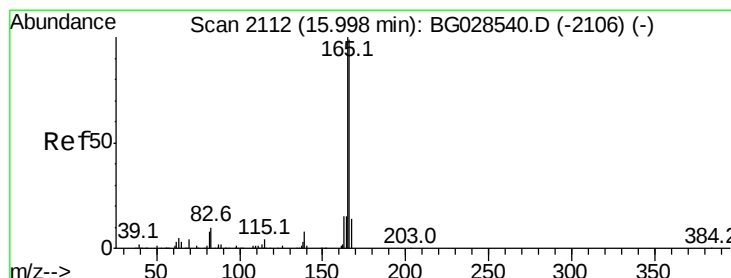
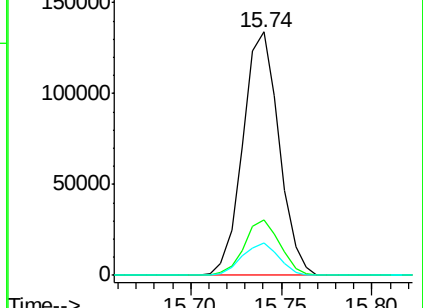
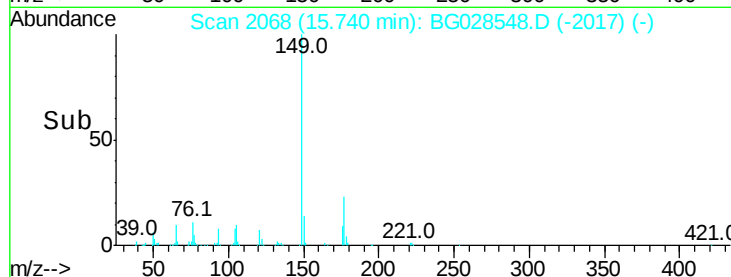
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.8
150	13.5	10.2	15.4



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: 19.949 ng/ul

RT: 16.00 min Scan# 2112

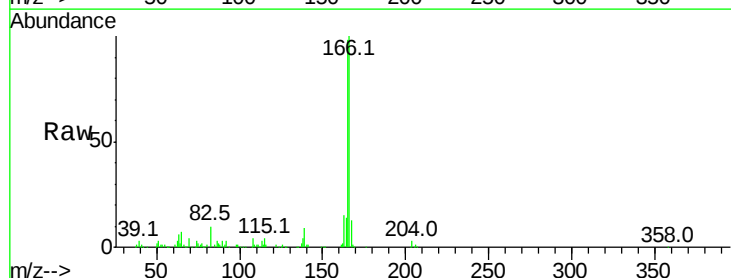
Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Tgt Ion:166 Resp: 169946

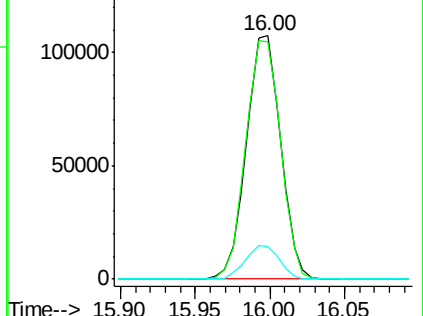
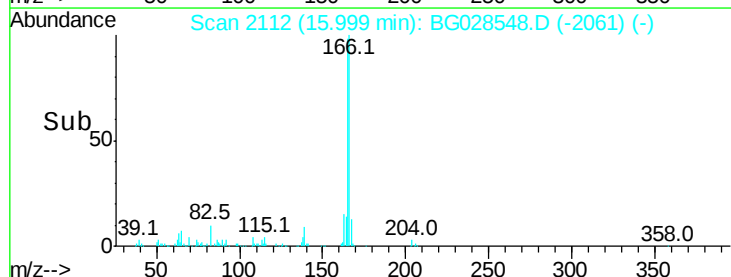
Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.7	119.5
167	13.3	11.4	17.2

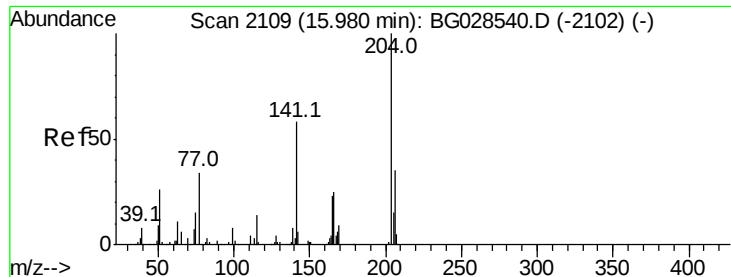


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 20.064 ng/ul

RT: 15.98 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

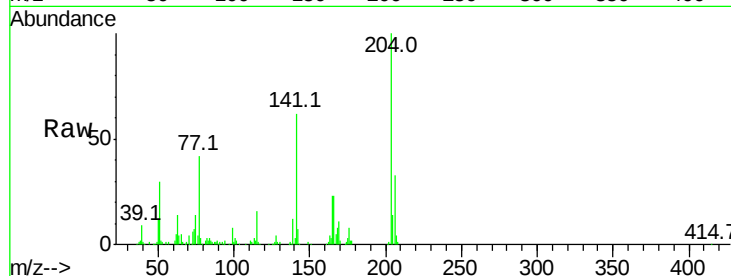
Tot Ion:204 Resp: 91705

Ion Ratio Lower Upper

204 100

206 32.7 32.3 48.5

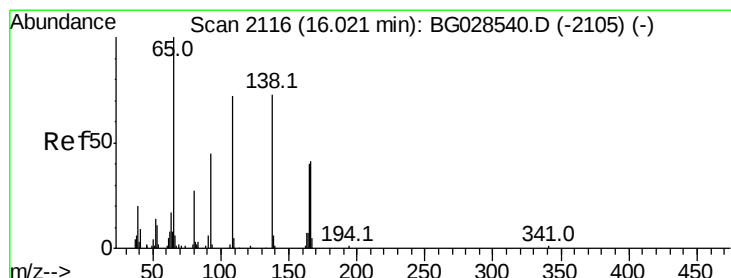
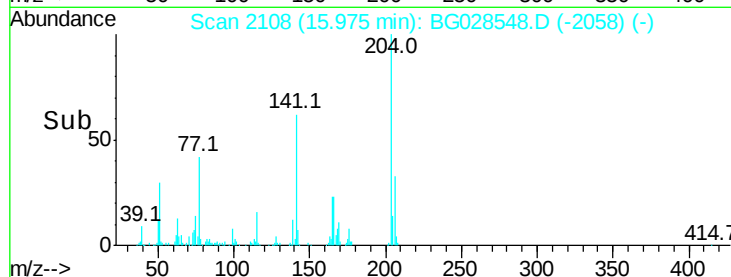
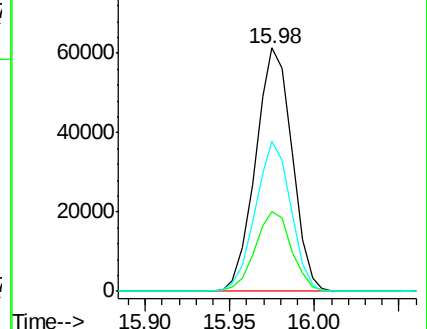
141 61.7 57.5 86.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 20.570 ng/ul

RT: 16.02 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

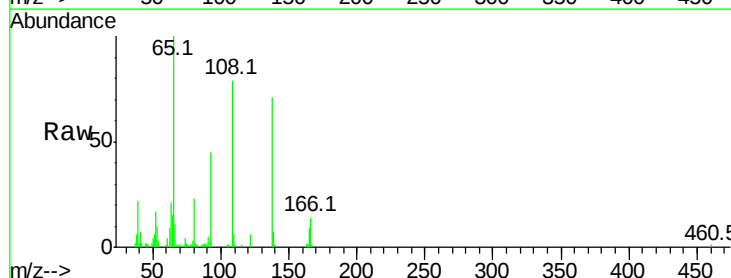
Tgt Ion:138 Resp: 37924

Ion Ratio Lower Upper

138 100

92 63.9 56.9 85.3

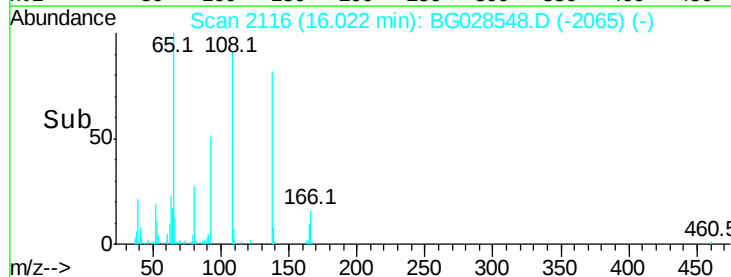
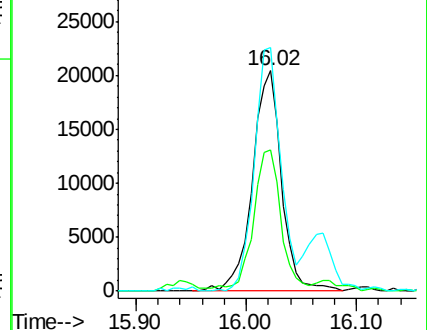
108 110.5 104.9 157.3

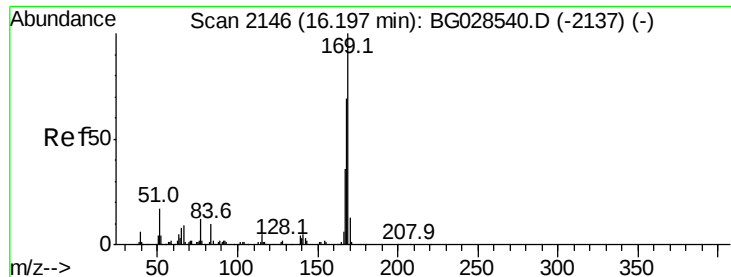


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



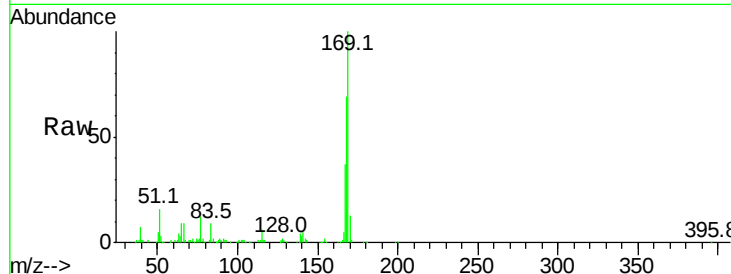


#64

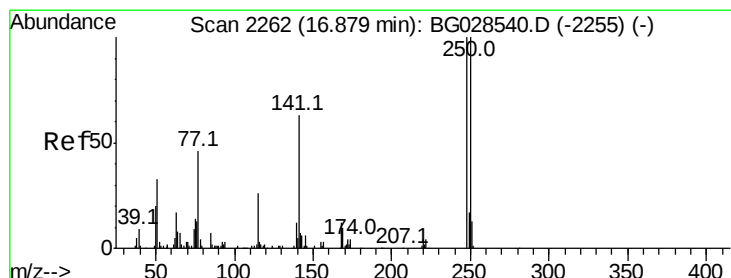
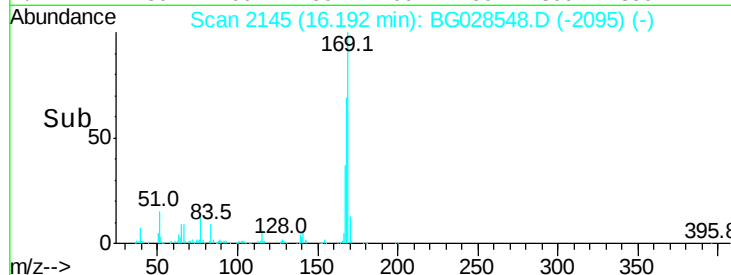
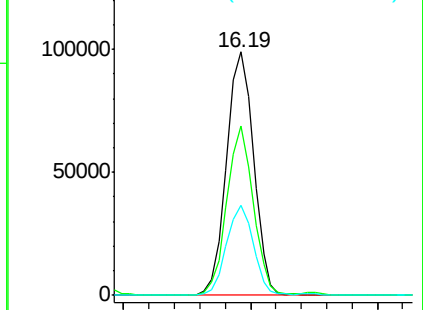
N-Nitrosodiphenylamine
 Concen: 20.837 ng/ul
 RT: 16.19 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02094

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.4	59.1	88.7
167	37.1	29.7	44.5



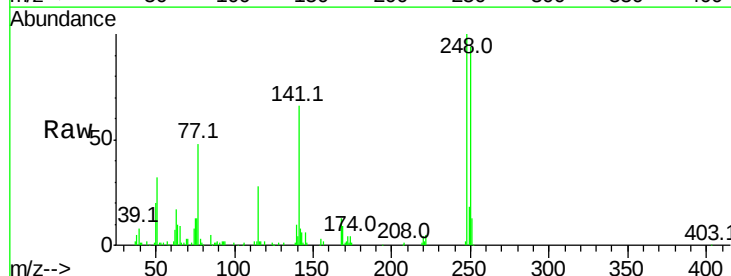
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



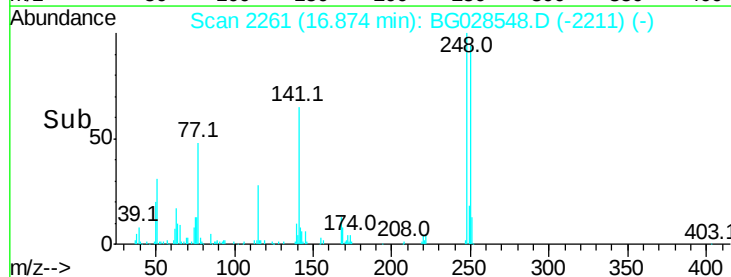
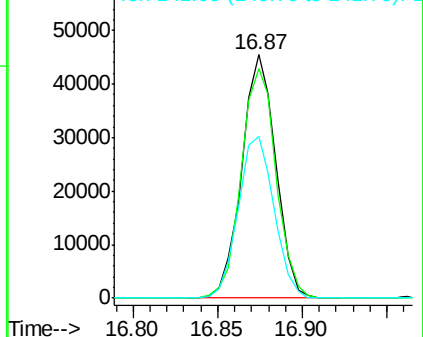
#65

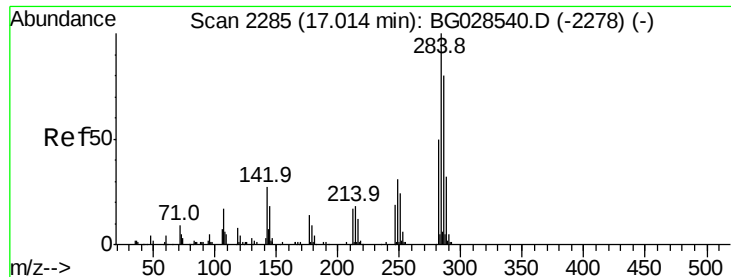
4-Bromophenyl-phenylether
 Concen: 22.217 ng/ul
 RT: 16.87 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	71.9	107.9
141	66.4	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

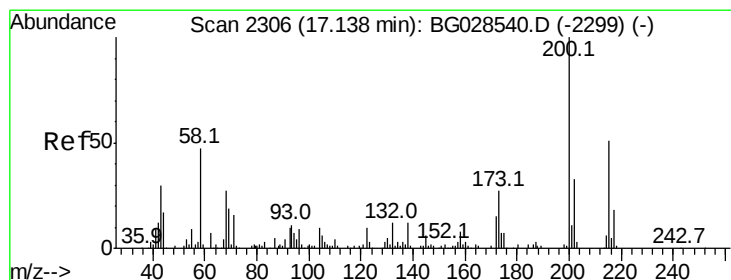
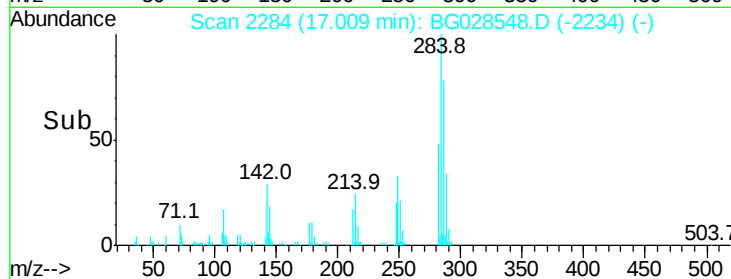
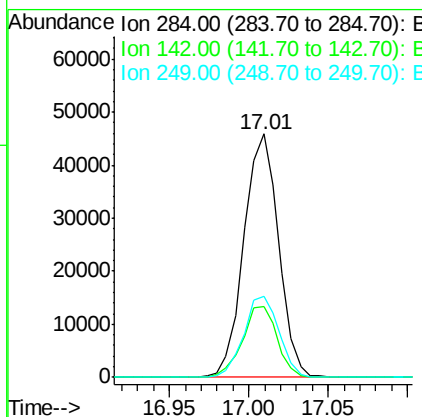
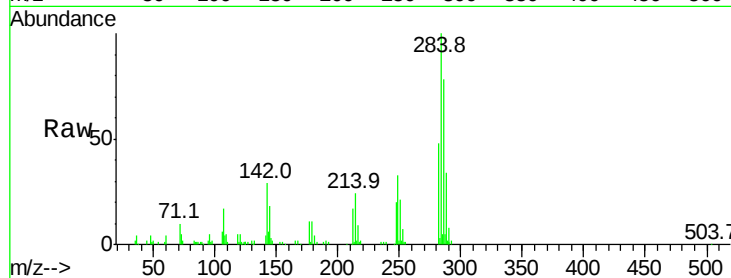




#66
Hexachlorobenzene
Concen: 22.853 ng/ul
RT: 17.01 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

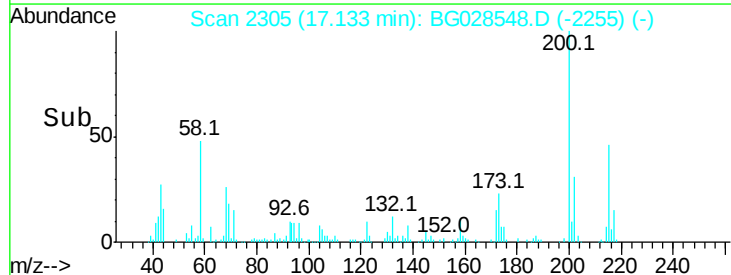
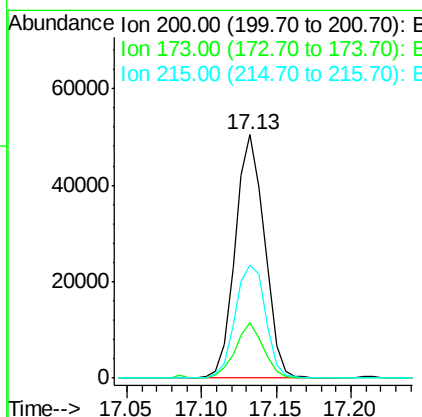
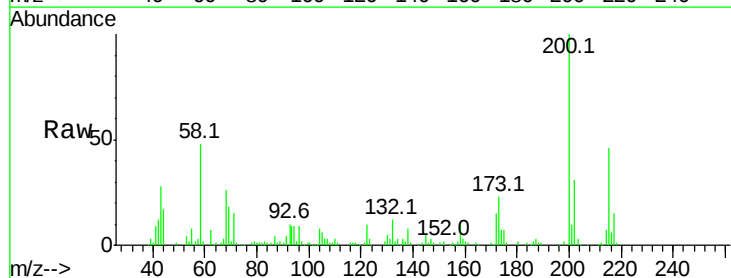
Instrument :
BNA_G
ClientSampleId :
SSTD02094

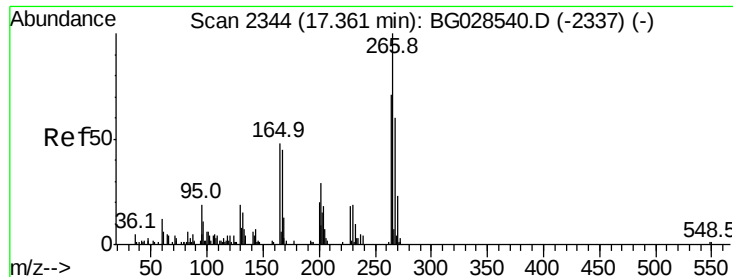
Tot Ion:284 Resp: 69744
Ion Ratio Lower Upper
284 100
142 29.2 26.1 39.1
249 33.2 25.9 38.9



#67
Atrazine
Concen: 22.559 ng/ul
RT: 17.13 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion:200 Resp: 69016
Ion Ratio Lower Upper
200 100
173 22.6 19.2 28.8
215 46.2 40.3 60.5

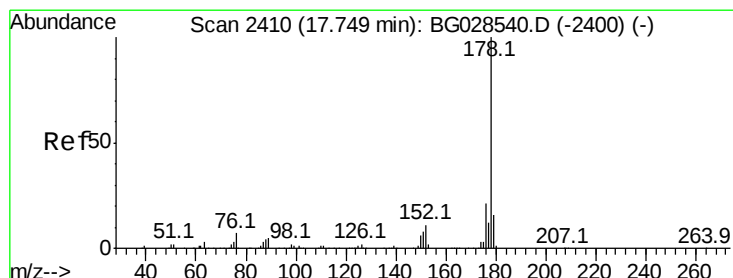
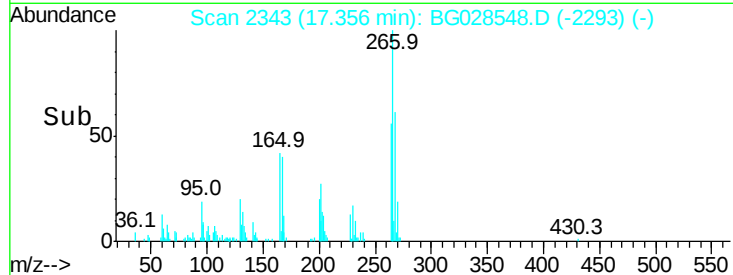
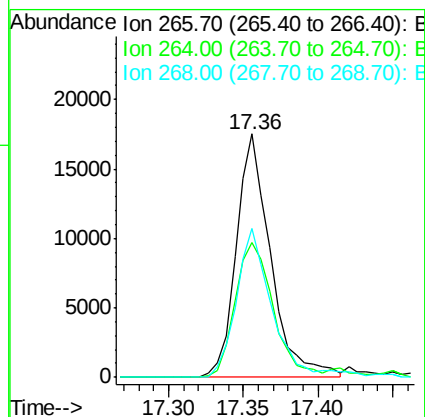
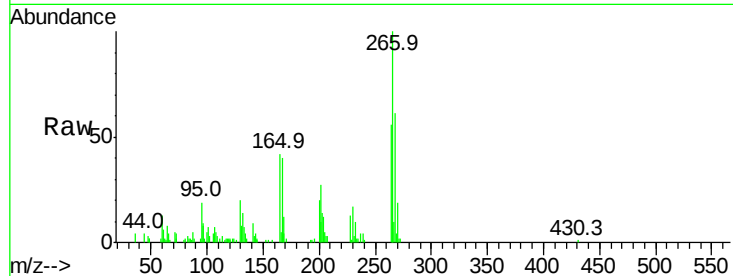




#68
 Pentachlorophenol
 Concen: 18.154 ng/ul
 RT: 17.36 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

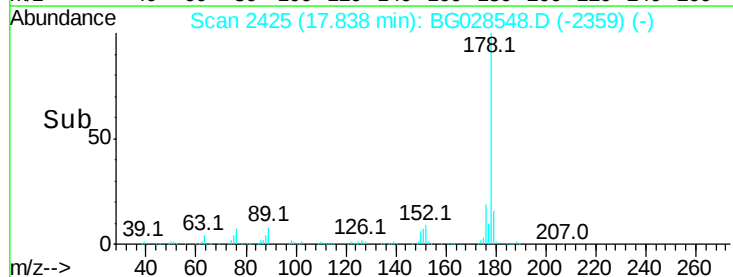
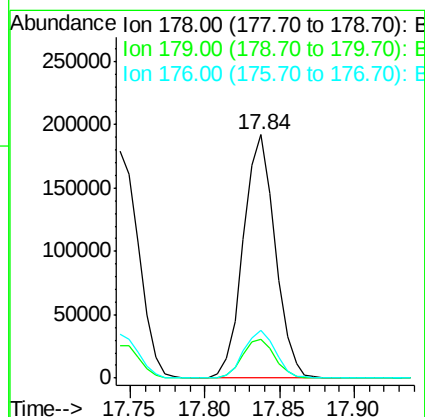
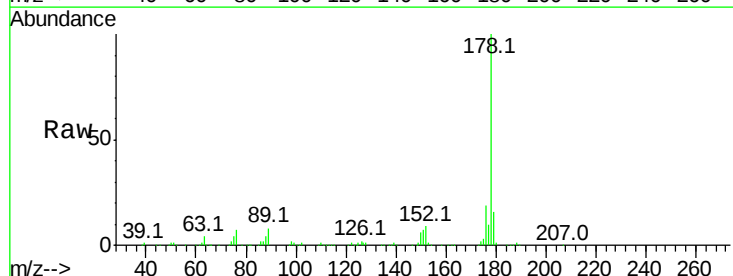
Instrument :
 BNA_G
 ClientSampleId :
 SST02094

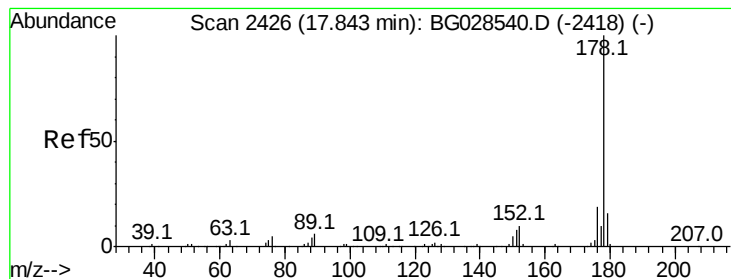
Tot Ion	Ratio	Lower	Upper
266	100		
264	55.5	47.1	70.7
268	61.4	56.2	84.4



#69
 Phenanthrene
 Concen: 21.073 ng/ul
 RT: 17.84 min Scan# 2425
 Delta R.T. 0.09 min
 Lab File: BG028548.D
 Acq: 30 Aug 2017 10:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.4	16.5	24.7





#71

Anthracene

Concen: 20.618 ng/ul

RT: 17.84 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

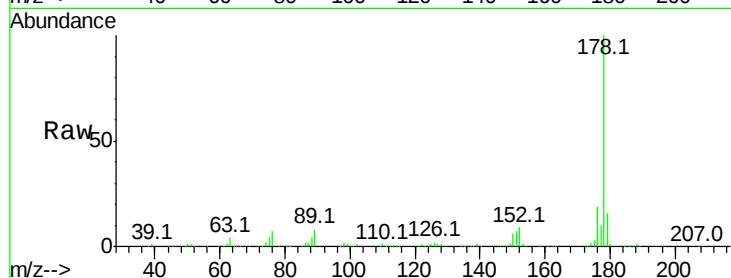
BNA_G

ClientSampleId :

SSTD02094

Tot Ion:178 Resp: 282855

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.4	15.9	23.9

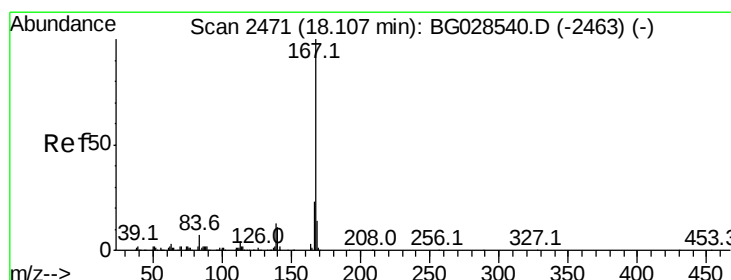
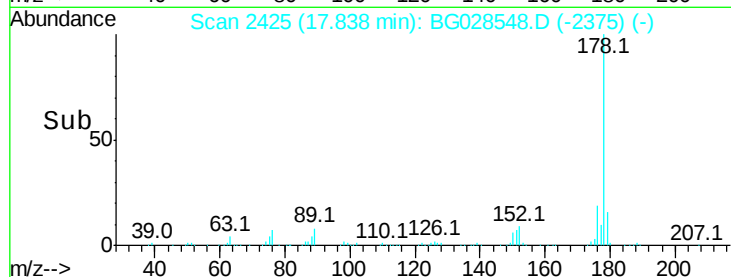
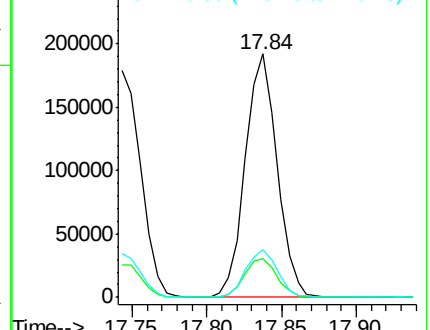


Abundance

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: 20.794 ng/ul

RT: 18.11 min Scan# 2471

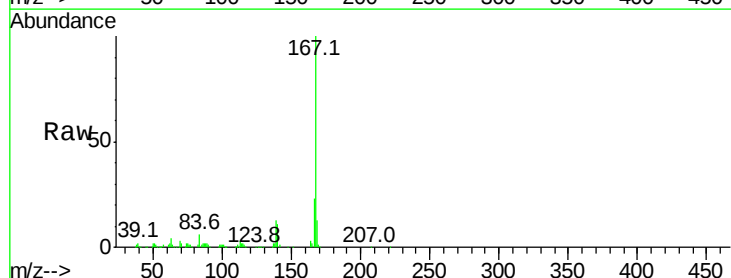
Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Tgt Ion:167 Resp: 248089

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.9	26.9
139	12.6	10.5	15.7

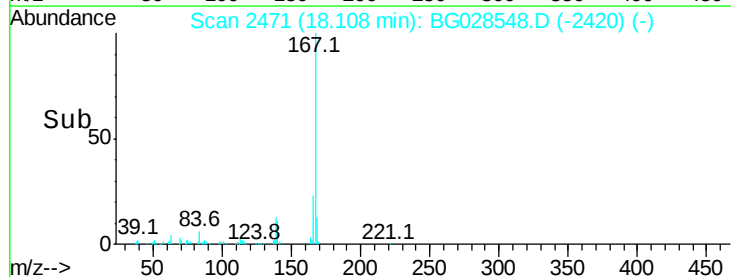
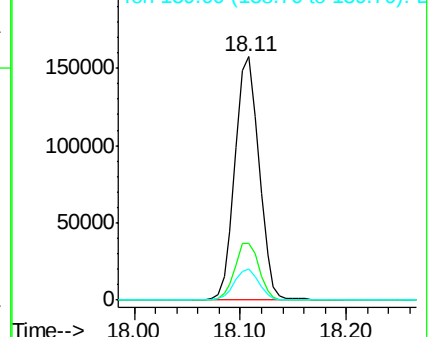


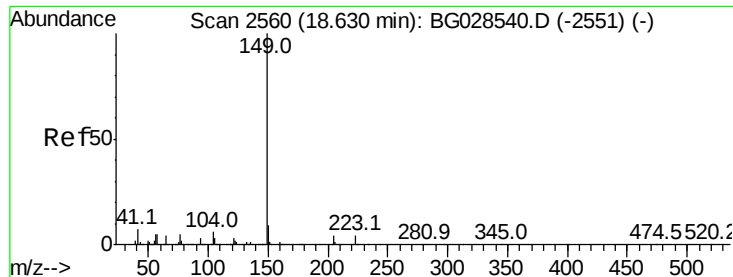
Abundance

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: 21.066 ng/ul

RT: 18.63 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

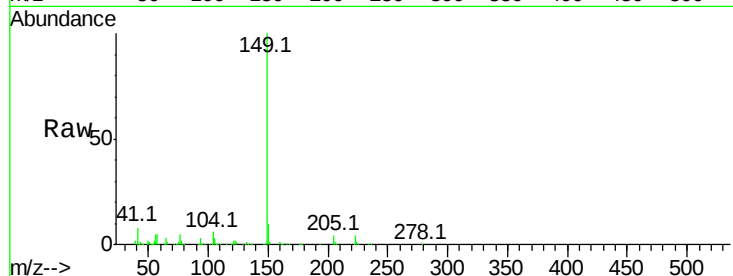
Tot Ion:149 Resp: 312871

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	6.1	5.8	8.8

149 100

150 9.6 7.9 11.9

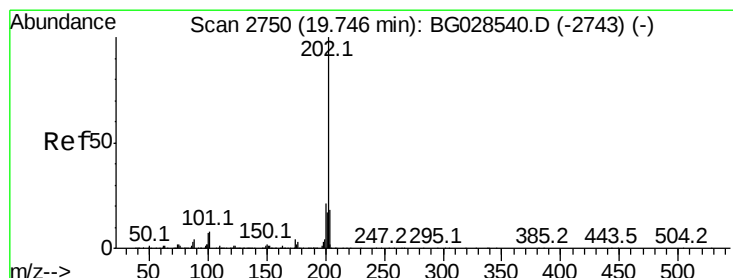
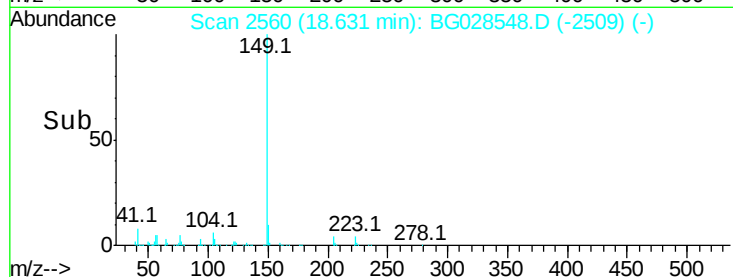
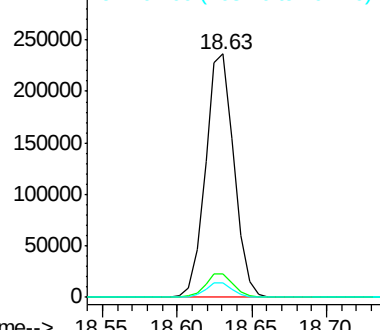
104 6.1 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.779 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

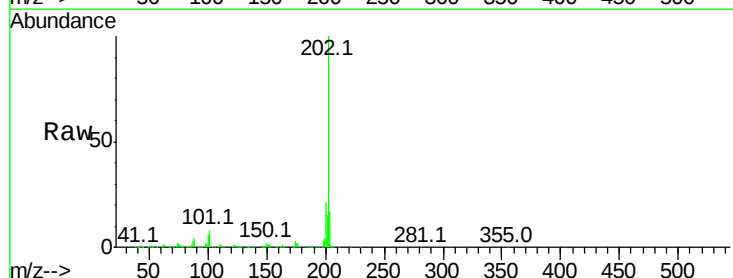
Tgt Ion:202 Resp: 355275

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.2	9.2
100	6.1	5.2	7.8

202 100

101 8.2 6.2 9.2

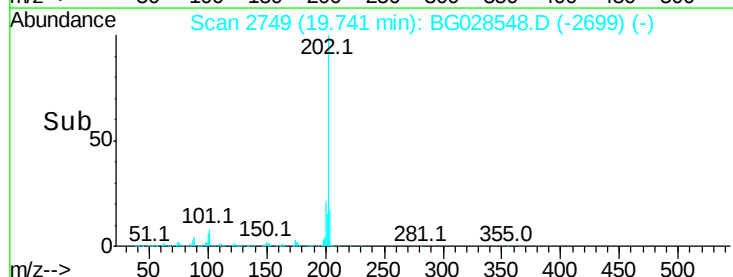
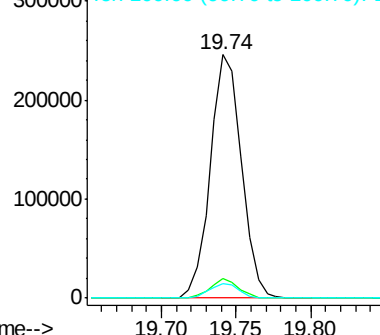
100 6.1 5.2 7.8

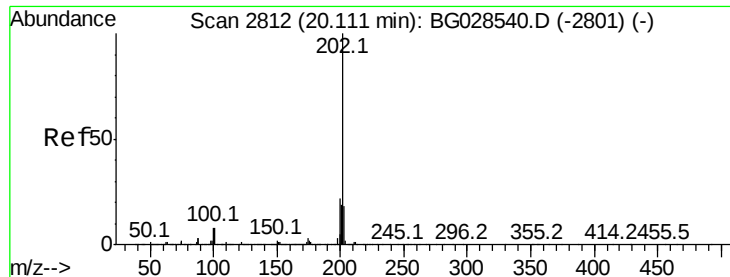


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 19.300 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

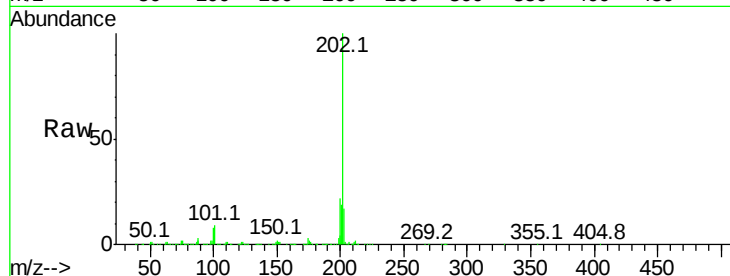
Tot Ion:202 Resp: 367081

Ion Ratio Lower Upper

202 100

101 9.2 6.9 10.3

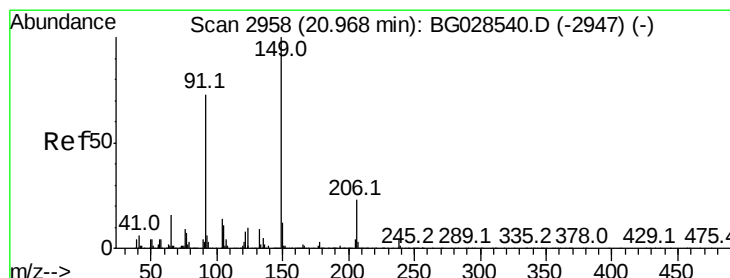
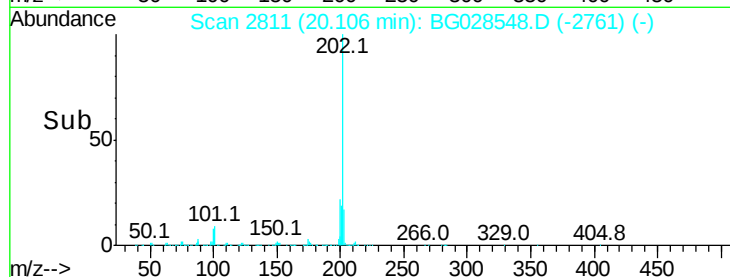
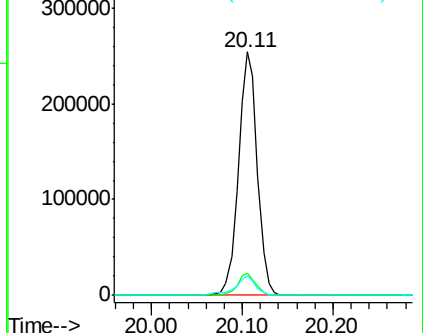
100 8.0 6.6 10.0



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): E



#78

Butylbenzylphthalate

Concen: 20.434 ng/ul

RT: 20.97 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

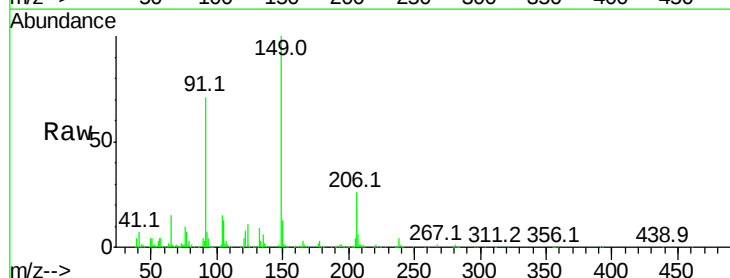
Tgt Ion:149 Resp: 145594

Ion Ratio Lower Upper

149 100

91 70.9 65.8 98.6

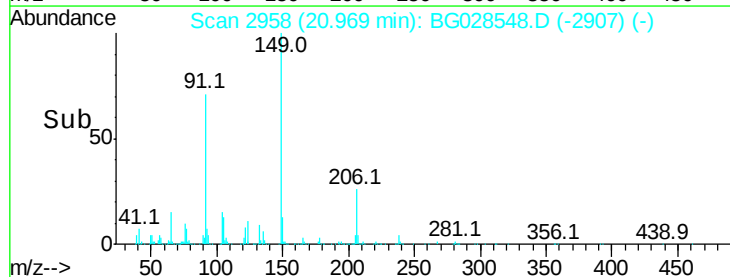
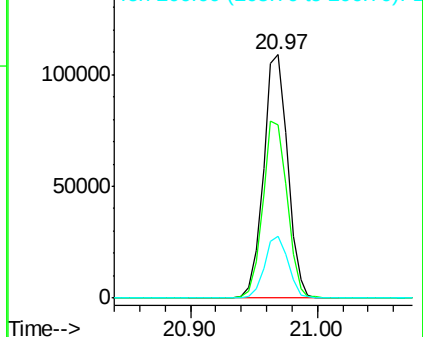
206 25.6 20.1 30.1

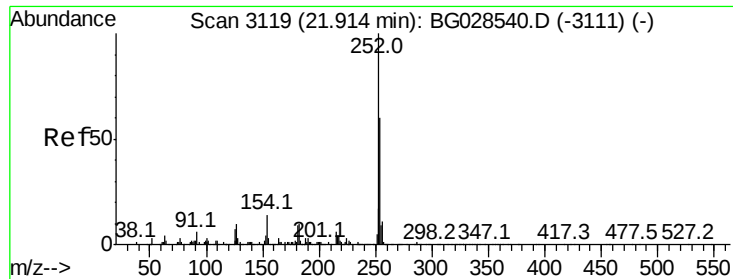


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 22.122 ng/ul

RT: 21.92 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

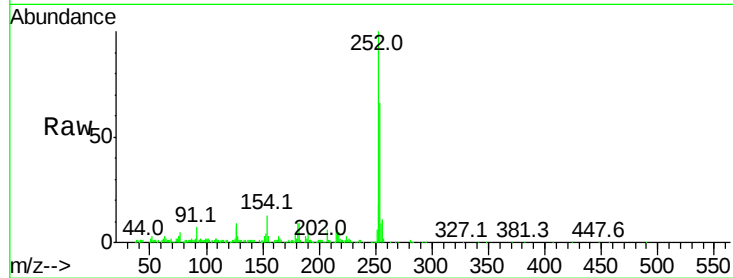
Tot Ion:252 Resp: 136063

Ion	Ratio	Lower	Upper
252	100		
254	65.9	49.0	73.6
126	7.3	5.1	7.7

252 100

254 65.9 49.0 73.6

126 7.3 5.1 7.7

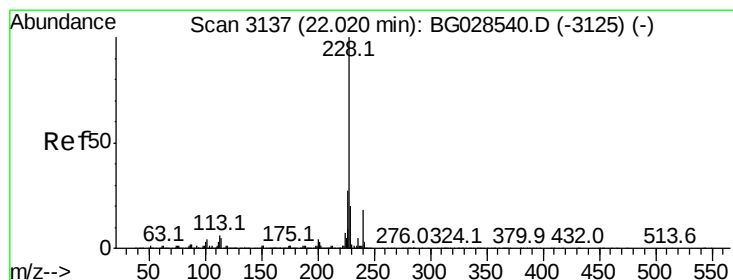
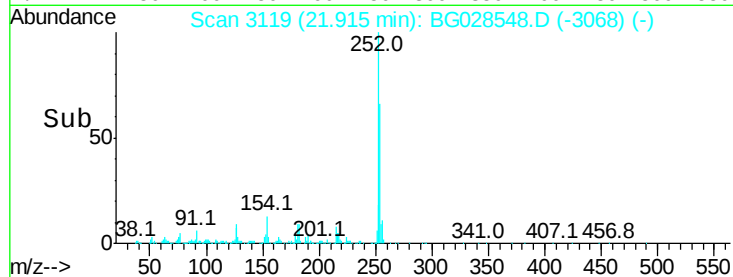
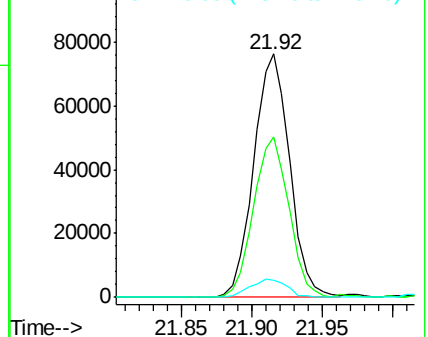


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 20.464 ng/ul

RT: 22.02 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

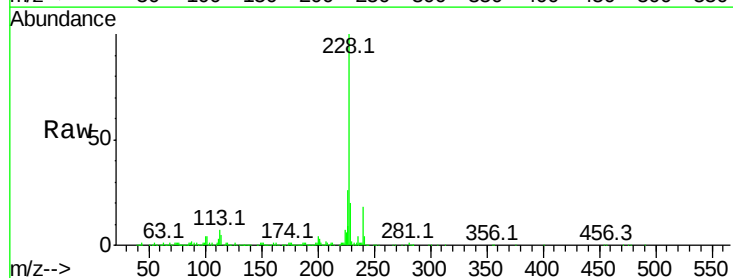
Tgt Ion:228 Resp: 376939

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	26.3	21.9	32.9

228 100

229 20.2 16.3 24.5

226 26.3 21.9 32.9

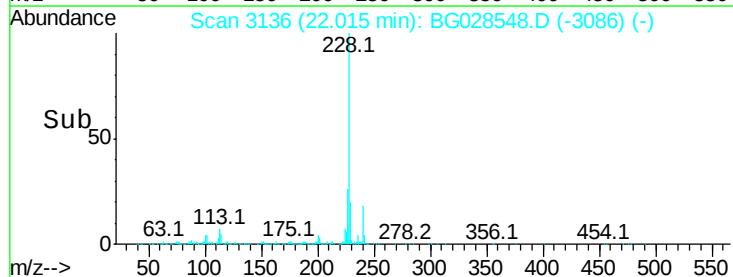
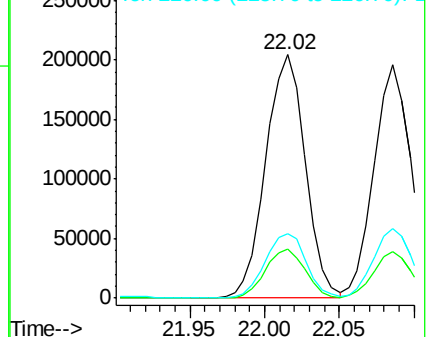


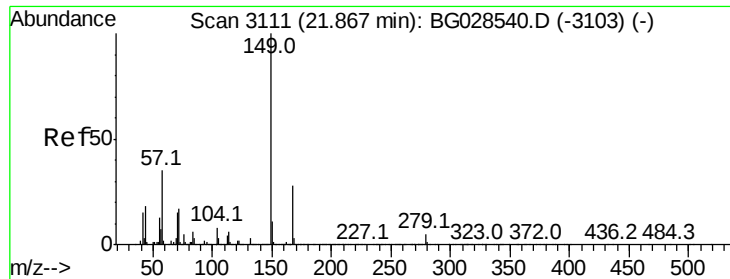
Abundance

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: 20.453 ng/ul

RT: 21.87 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

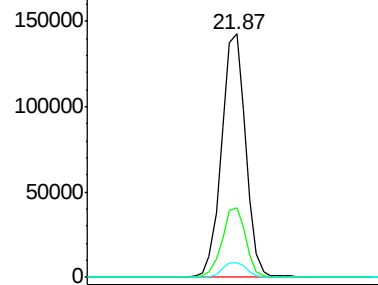
Tot Ion:149 Resp: 207258

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.8	32.8
279	6.0	4.5	6.7

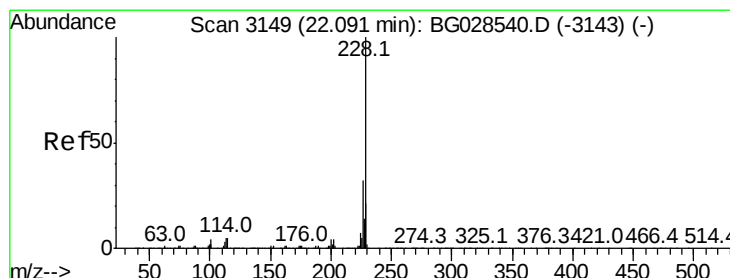
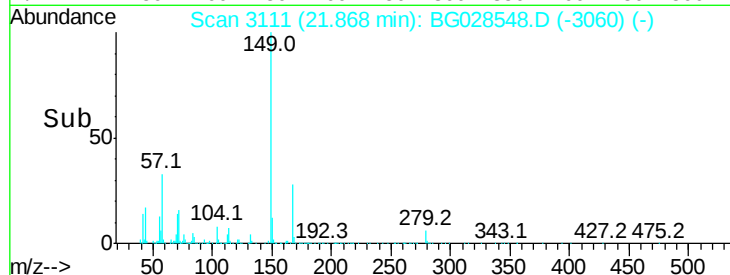
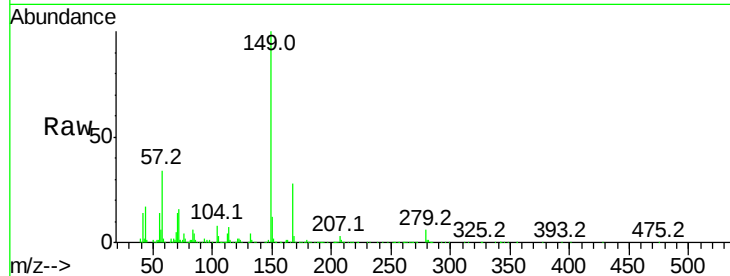
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#82

Chrysene

Concen: 20.260 ng/ul

RT: 22.09 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

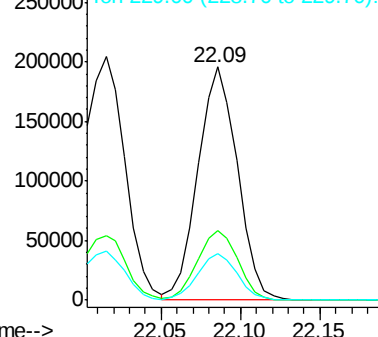
Tgt Ion:228 Resp: 336094

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.2	16.9	25.3

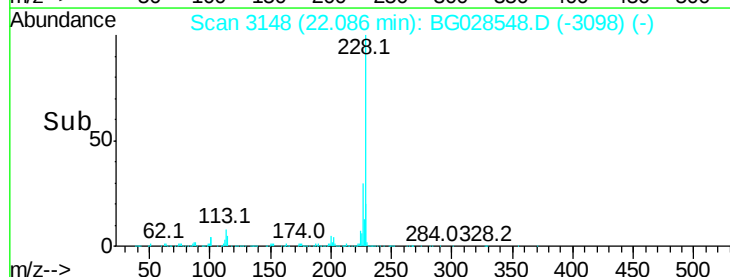
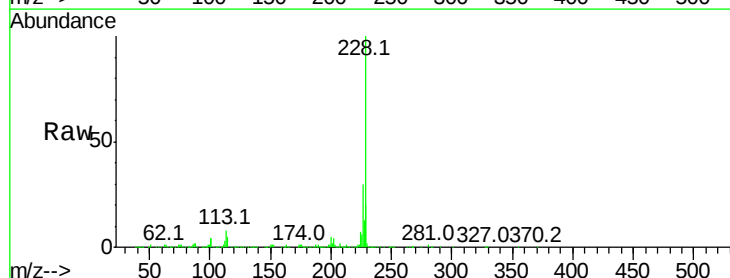
Abundance Ion 228.00 (227.70 to 228.70): E

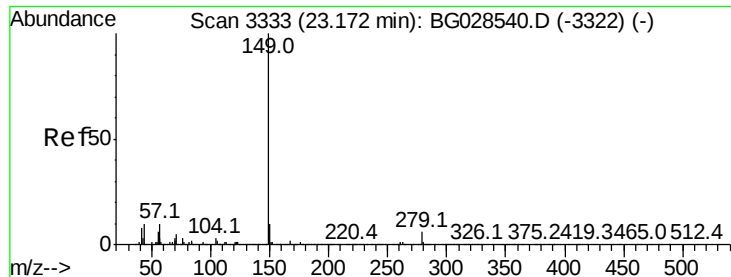
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 18.984 ng/ul

RT: 23.17 min Scan# 3332

Delta R.T. -0.00 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

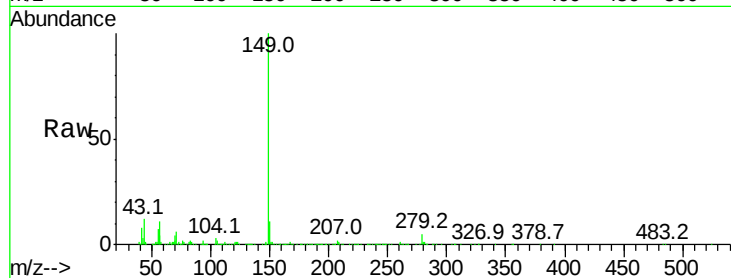
Instrument :

BNA_G

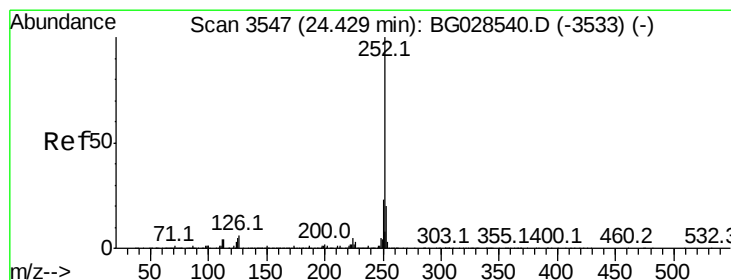
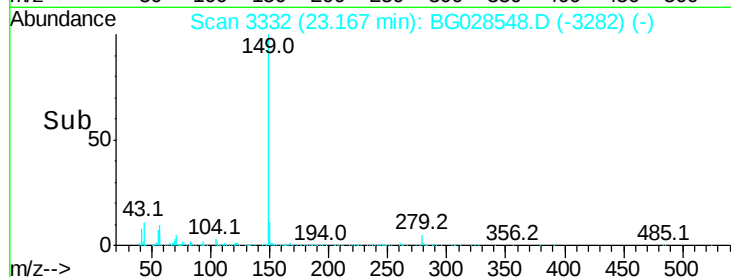
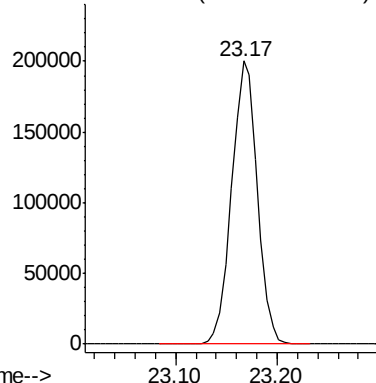
ClientSampleId :

SSTD02094

Tgt Ion:149 Resp: 354623



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 20.003 ng/ul

RT: 24.42 min Scan# 3546

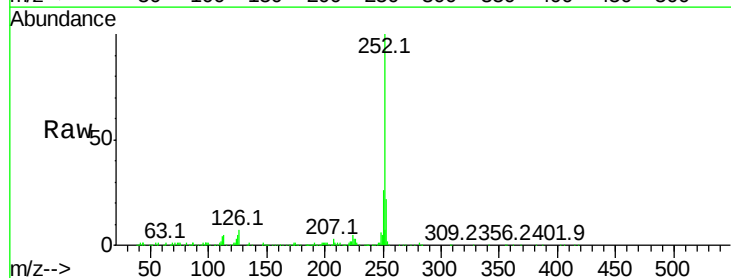
Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Tgt Ion:252 Resp: 373104

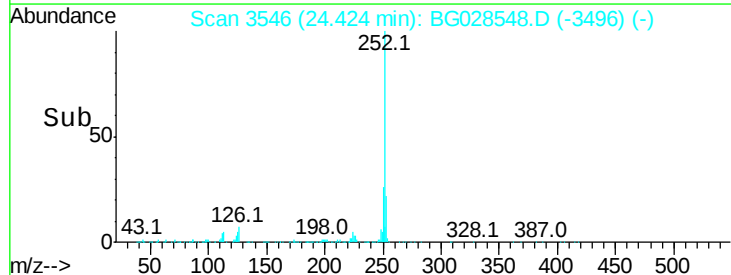
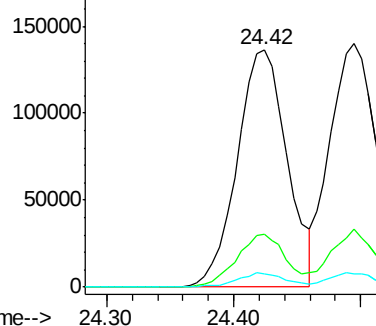
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.4	4.0	6.0

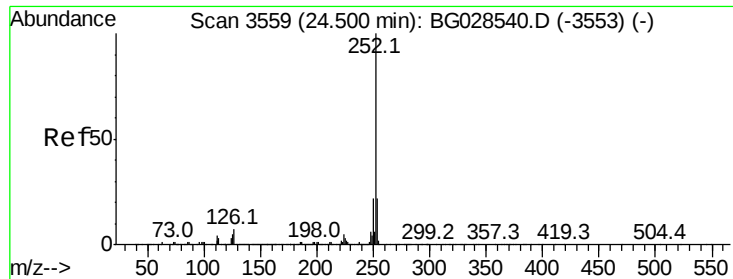


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 19.538 ng/ul

RT: 24.49 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

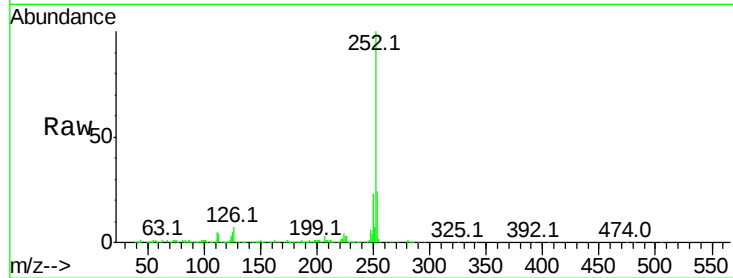
Tot Ion:252 Resp: 355976

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

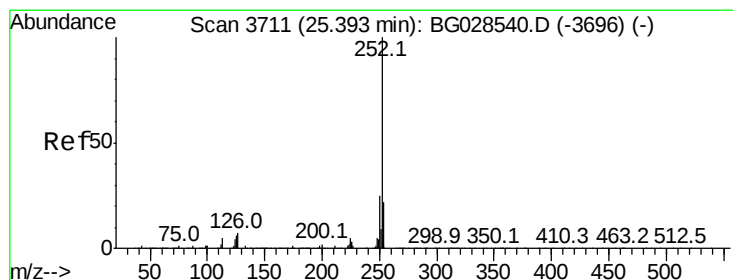
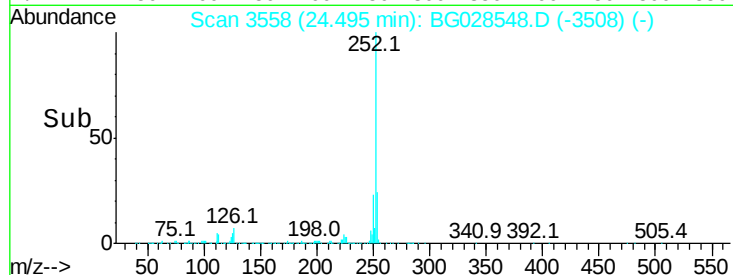
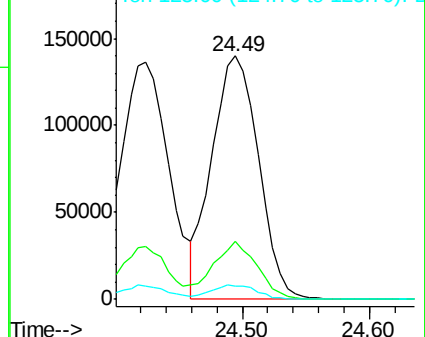
125 5.3 4.1 6.1



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: 19.875 ng/ul

RT: 25.38 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

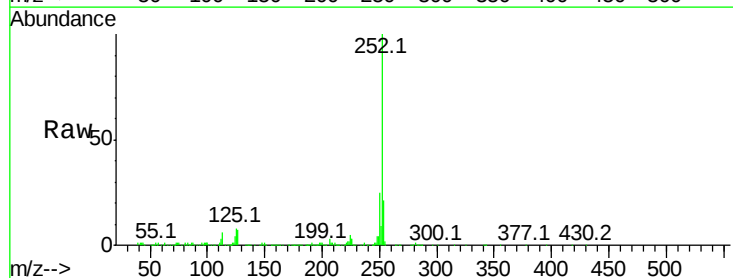
Tgt Ion:252 Resp: 358950

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

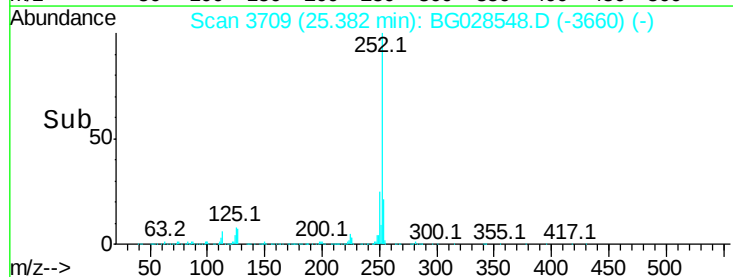
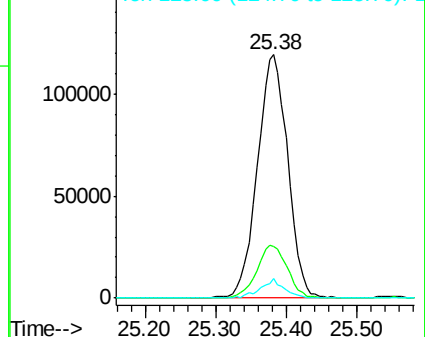
125 8.0 5.4 8.0

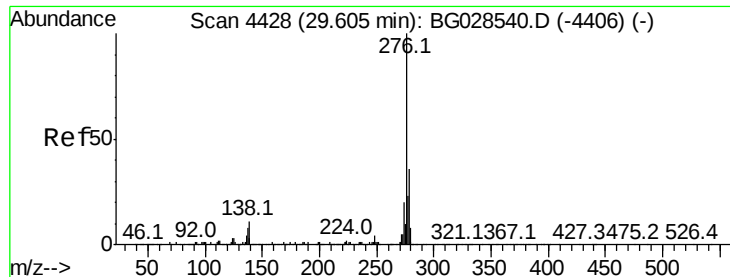


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



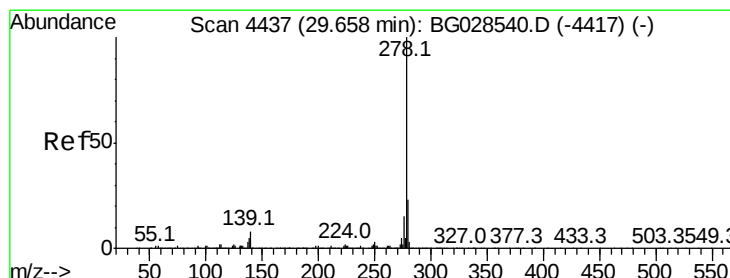
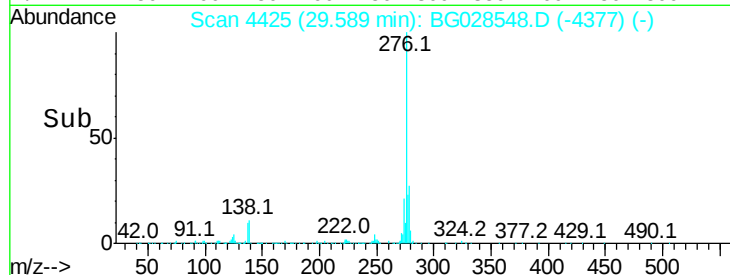
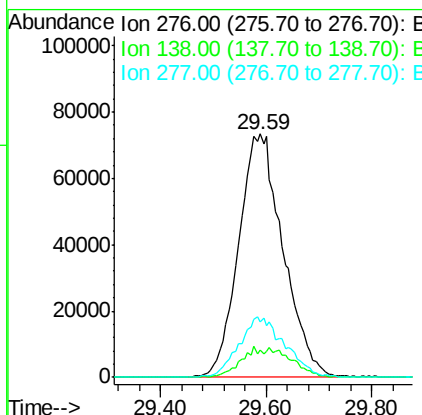
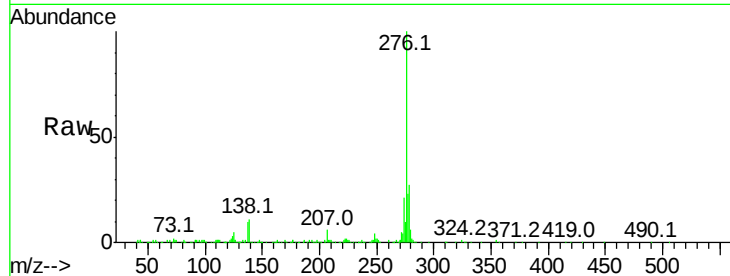


#89

Indeno(1,2,3-cd)pyrene
Concen: 20.261 ng/ul
RT: 29.59 min Scan# 4425
Delta R.T. -0.02 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Instrument :
BNA_G
ClientSampleId :
SSTD02094

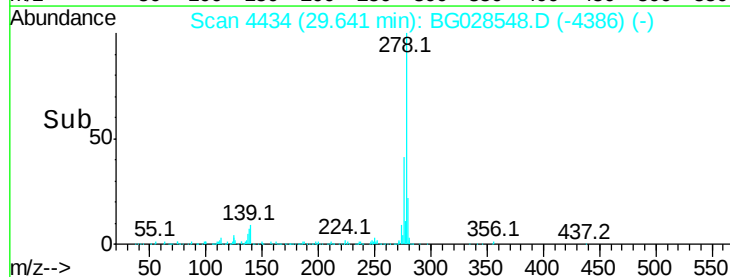
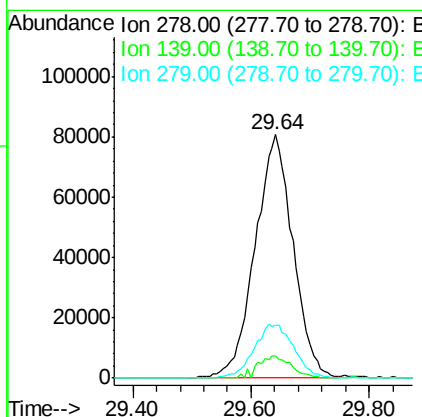
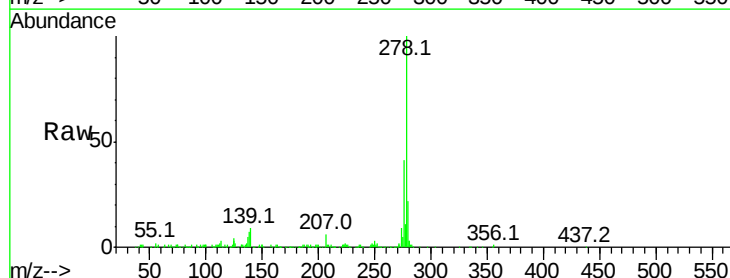
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.2	8.2	12.4
277	22.7	18.6	28.0

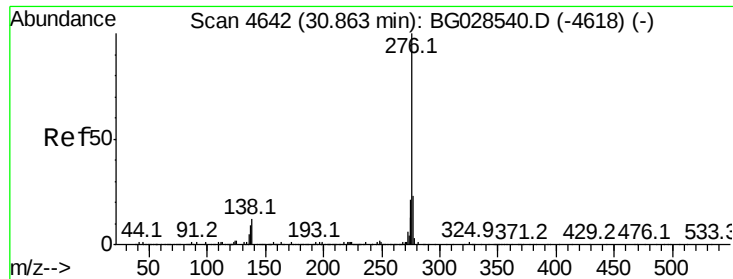


#90

Dibenzo(a,h)anthracene
Concen: 20.309 ng/ul
RT: 29.64 min Scan# 4434
Delta R.T. -0.02 min
Lab File: BG028548.D
Acq: 30 Aug 2017 10:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.7	10.1
279	21.9	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 20.487 ng/ul

RT: 30.85 min Scan# 4640

Delta R.T. -0.01 min

Lab File: BG028548.D

Acq: 30 Aug 2017 10:46

Instrument :

BNA_G

ClientSampleId :

SSTD02094

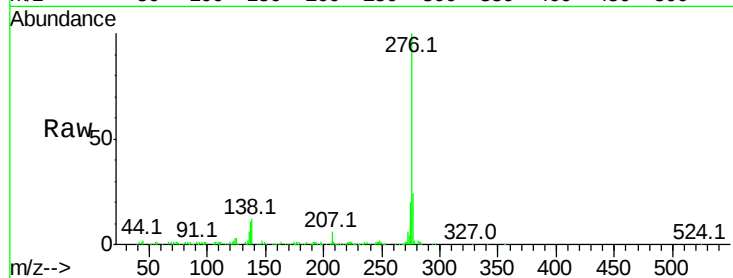
Tot Ion:276 Resp: 356454

Ion Ratio Lower Upper

276 100

138 12.0 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

