

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028256.D
 Acq On : 10 Aug 2017 13:17
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02060

Quant Time: Aug 11 00:56:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 10 07:27:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	40434	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	174652	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	124676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	316442	20.00	ng/ul	0.10
75) Chrysene-d12	22.04	240	392244	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	374071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	6925	7.98	ng/uL	0.00
5) Phenol-d5	7.50	99	76547	17.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50220	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	56520	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	61818	16.66	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	28440	20.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	32537	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	63549	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75916	22.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	214725	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	249975	19.99	ng/ul	0.00
51) 4-Nitrophenol-d4	15.14	143	33545	19.03	ng/ul	0.00
57) Fluorene-d10	15.95	176	192459	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40416	19.66	ng/ul	0.00
70) Anthracene-d10	17.80	188	316442	20.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	366876	18.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	342721	19.57	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.87	88	8833	9.686	ng/uL# 85
4) Benzaldehyde	7.49	77	49763	19.391	ng/ul 95
6) Phenol	7.53	94	76402	17.312	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.76	93	56212	18.698	ng/ul 97
10) 2-Chlorophenol	7.92	128	53451	19.579	ng/ul 91
11) 2-Methylphenol	8.78	108	54185	17.394	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.87	45	119842	16.422	ng/ul 95
14) Acetophenone	9.17	105	91444	17.276	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.15	70	51294	17.050	ng/ul# 88
16) 4-Methylphenol	9.11	108	59555	16.931	ng/ul 83
17) Hexachloroethane	9.44	117	22047	19.489	ng/ul 86
20) Nitrobenzene	9.56	77	76453	19.338	ng/ul 99
21) Isophorone	10.08	82	144751	19.272	ng/ul 97
23) 2-Nitrophenol	10.28	139	31581	20.891	ng/ul 91
24) 2,4-Dimethylphenol	10.32	107	75187	20.011	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.55	93	78412	19.166	ng/ul 92
27) 2,4-Dichlorophenol	10.81	162	58056	20.585	ng/ul 95
28) Naphthalene	11.22	128	174098	20.127	ng/ul 99
30) 4-Chloroaniline	11.33	127	70000	20.940	ng/ul 92
31) Hexachlorobutadiene	11.49	225	45281	21.751	ng/ul 93
32) Caprolactam	12.07	113	22469	19.159	ng/ul# 69
33) 4-Chloro-3-methylphenol	12.42	107	71935	19.983	ng/ul 95
34) 2-Methylnaphthalene	12.80	142	136094	19.588	ng/ul 91

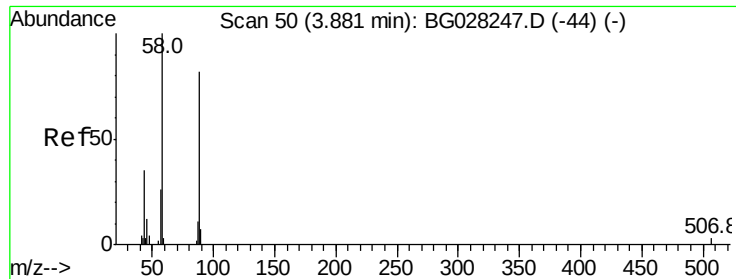
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	82491	20.527	ng/ul	90
37) Hexachlorocyclopentadiene	13.14	237	40507	18.267	ng/ul	96
38) 2,4,6-Trichlorophenol	13.40	196	57680	23.029	ng/ul	99
39) 2,4,5-Trichlorophenol	13.47	196	59818	21.911	ng/ul	92
40) 1,1'-Biphenyl	13.79	154	178265	19.577	ng/ul	98
41) 2-Chloronaphthalene	13.84	162	143441	19.934	ng/ul	98
42) 2-Nitroaniline	14.04	65	59019	19.562	ng/ul	95
44) Dimethylphthalate	14.40	163	197799	19.373	ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	42892	20.346	ng/ul	95
47) Acenaphthylene	14.68	152	235631	19.721	ng/ul	98
48) 3-Nitroaniline	14.87	138	38385	20.221	ng/ul#	89
49) Acenaphthene	15.02	153	158577	19.671	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	22249	18.732	ng/ul	89
52) 4-Nitrophenol	15.17	109	34533	18.903	ng/ul	95
53) Dibenzofuran	15.35	168	234347	19.938	ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	67227	21.043	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.58	232	56456	22.204	ng/ul#	97
56) Diethylphthalate	15.75	149	225768	18.849	ng/ul	99
58) Fluorene	16.00	166	200786	19.295	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.99	204	110722	19.832	ng/ul#	83
60) 4-Nitroaniline	16.02	138	43333	19.241	ng/ul	85
64) N-Nitrosodiphenylamine	16.20	169	174950	21.015	ng/ul	99
65) 4-Bromophenyl-phenylether	16.88	248	75471	22.190	ng/ul	93
66) Hexachlorobenzene	17.01	284	77916	21.520	ng/ul	95
67) Atrazine	17.14	200	75596	20.828	ng/ul	100
69) Phenanthrene	17.84	178	345300	21.683	ng/ul	98
71) Anthracene	17.84	178	345300	21.215	ng/ul	99
72) Carbazole	18.11	167	294793	20.826	ng/ul	100
73) Di-n-butylphthalate	18.64	149	372600	21.145	ng/ul#	97
74) Fluoranthene	19.75	202	414311	21.407	ng/ul	100
77) Pyrene	20.11	202	438992	18.759	ng/ul	97
78) Butylbenzylphthalate	20.98	149	172299	19.653	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.92	252	149989	19.820	ng/ul#	92
80) Benzo(a)anthracene	22.02	228	444585	19.617	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	244653	19.622	ng/ul	97
82) Chrysene	22.09	228	402830	19.736	ng/ul	99
84) Di-n-octyl phthalate	23.18	149	420799	18.771	ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	440463	19.677	ng/ul#	99
86) Benzo(k)fluoranthene	24.49	252	429697	19.652	ng/ul#	96
88) Benzo(a)pyrene	25.37	252	428867	19.787	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	503835	19.851	ng/ul	97
90) Dibenzo(a,h)anthracene	29.62	278	420845	19.783	ng/ul	95
91) Benzo(g,h,i)perylene	30.82	276	413303	19.794	ng/ul	93

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



#2

1,4-Dioxane

Concen: 9.686 ng/uL

RT: 3.87 min Scan# 48

Delta R.T. -0.01 min

Lab File: BG028256.D

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SSTD02060

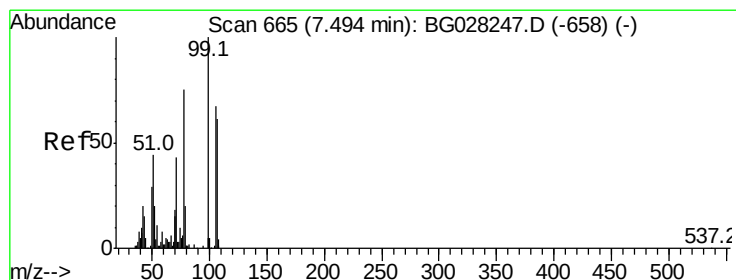
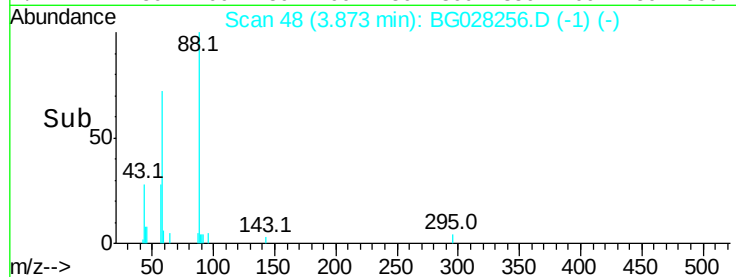
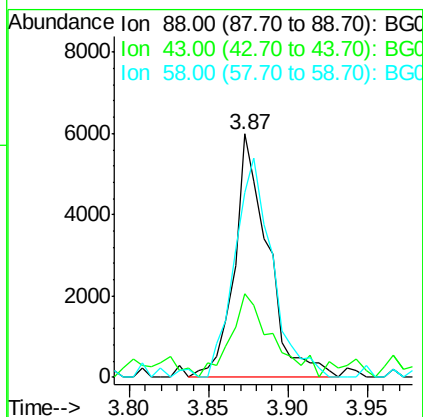
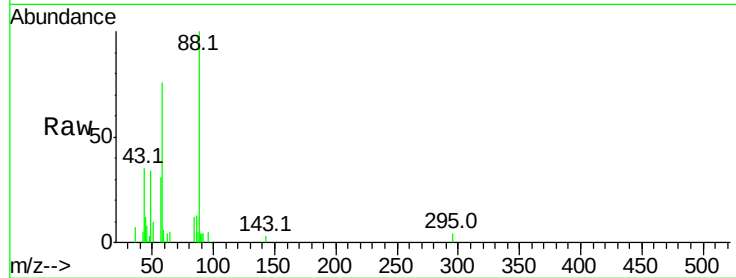
Tot Ion: 88 Resp: 8833

Ion Ratio Lower Upper

88 100

43 34.5 39.2 58.8#

58 75.8 69.4 104.0



#4

Benzaldehyde

Concen: 19.391 ng/uL

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

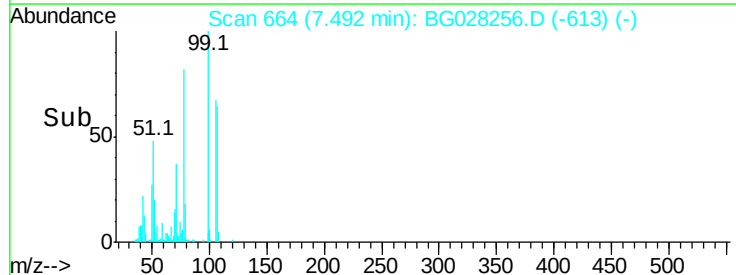
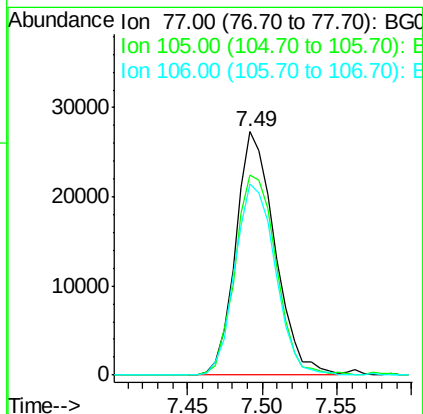
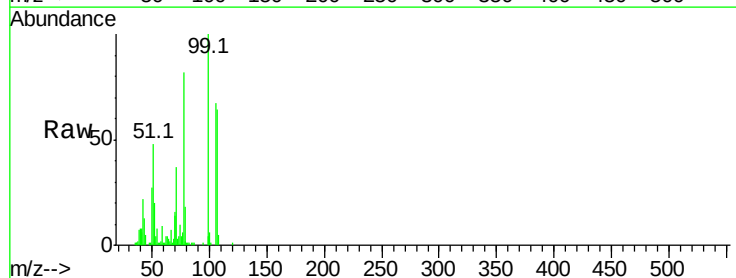
Tgt Ion: 77 Resp: 49763

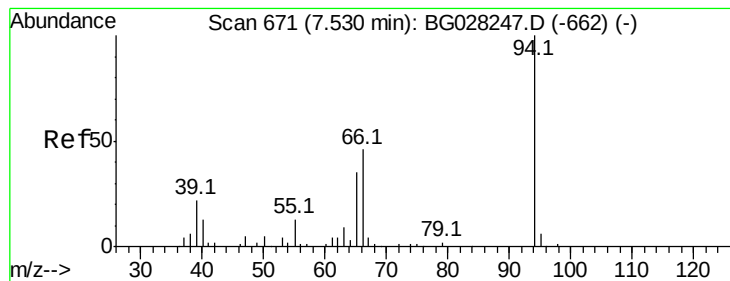
Ion Ratio Lower Upper

77 100

105 82.4 62.0 93.0

106 78.3 60.2 90.4





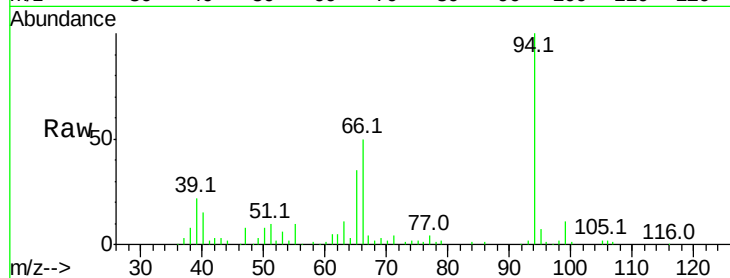
#6

Phenol

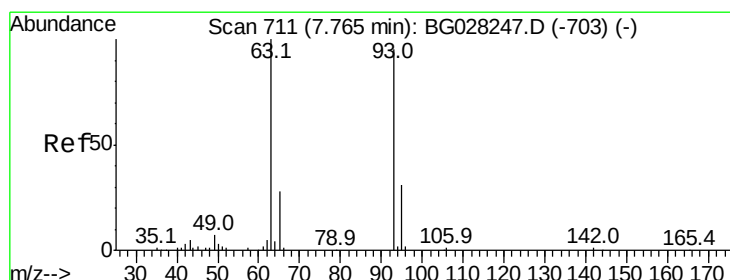
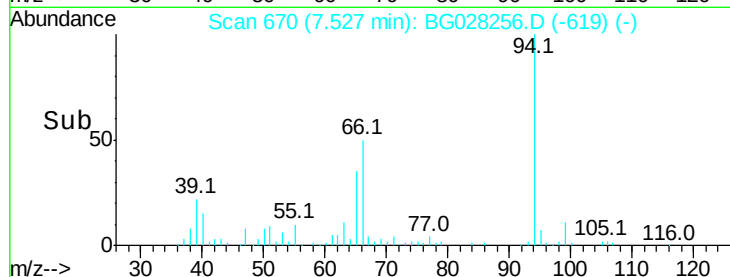
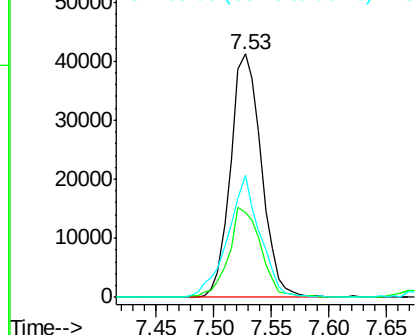
Concen: 17.312 ng/ul
 RT: 7.53 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BG028256.D
 Acq: 10 Aug 2017 13:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02060

Tot Ion: 94 Resp: 76402
 Ion Ratio Lower Upper
 94 100
 65 35.0 26.8 40.2
 66 50.1 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC

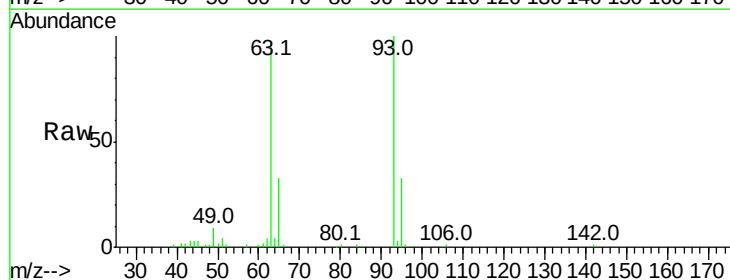


#8

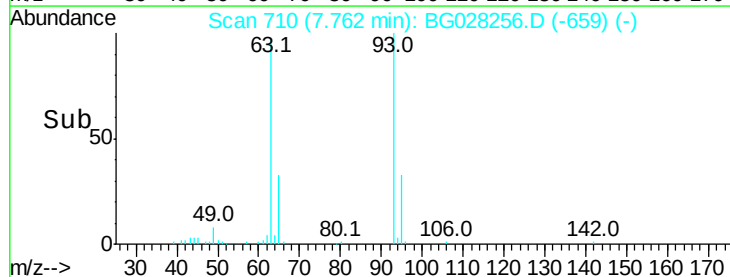
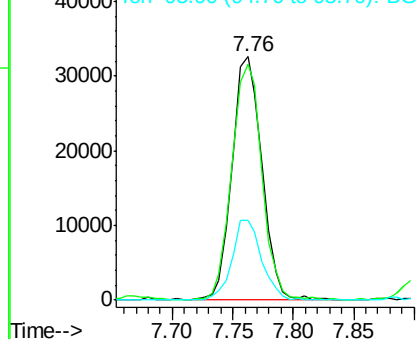
Bis(2-Chloroethyl)ether

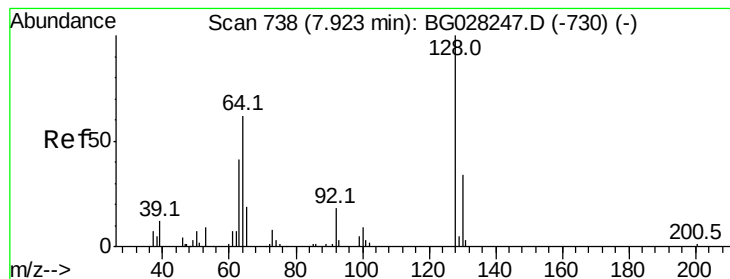
Concen: 18.698 ng/ul
 RT: 7.76 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BG028256.D
 Acq: 10 Aug 2017 13:17

Tgt Ion: 93 Resp: 56212
 Ion Ratio Lower Upper
 93 100
 63 96.7 75.5 113.3
 95 32.9 29.2 43.8



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





#10

2-Chlorophenol

Concen: 19.579 ng/ul

RT: 7.92 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

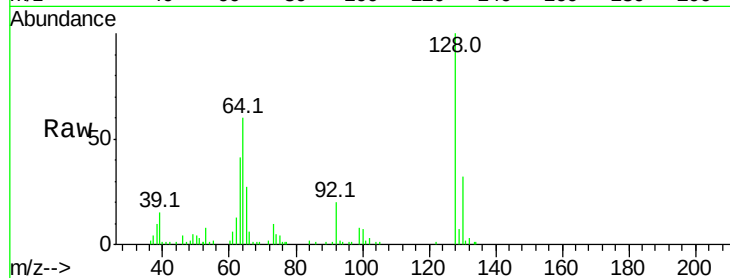
Tot Ion:128 Resp: 53451

Ion Ratio Lower Upper

128 100

64 60.2 56.3 84.5

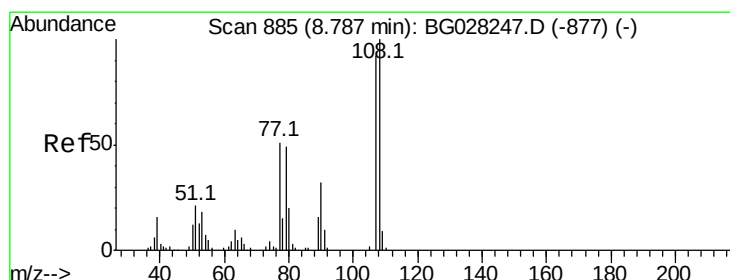
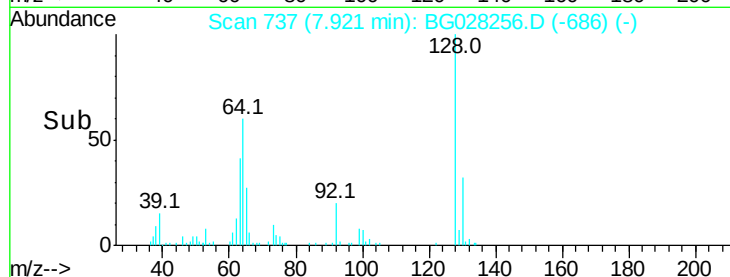
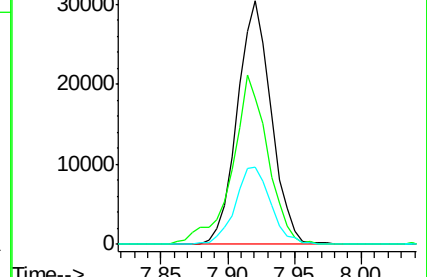
130 31.5 26.7 40.1



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: 17.394 ng/ul

RT: 8.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG028256.D

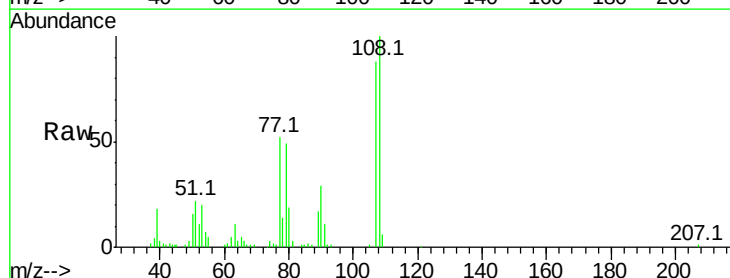
Acq: 10 Aug 2017 13:17

Tgt Ion:108 Resp: 54185

Ion Ratio Lower Upper

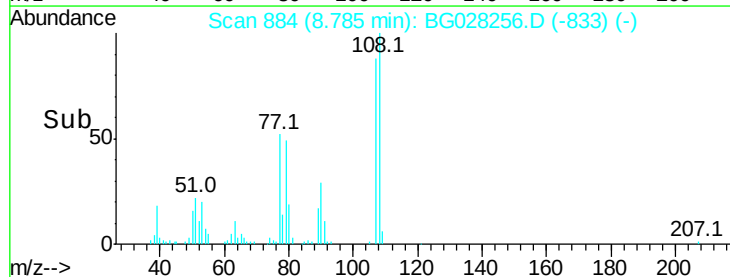
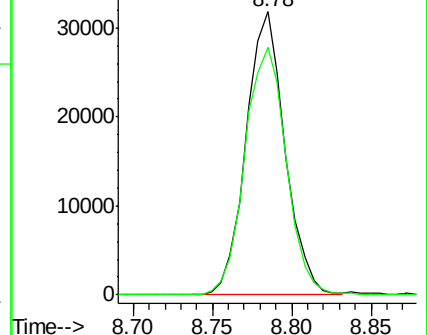
108 100

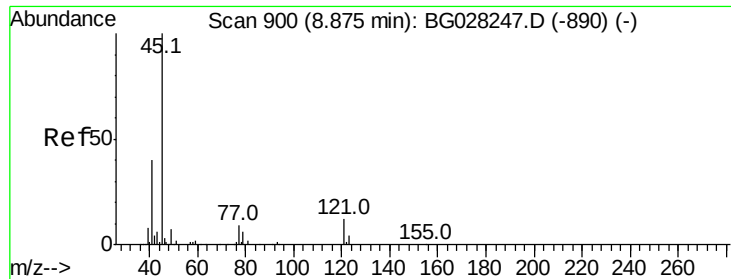
107 87.6 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

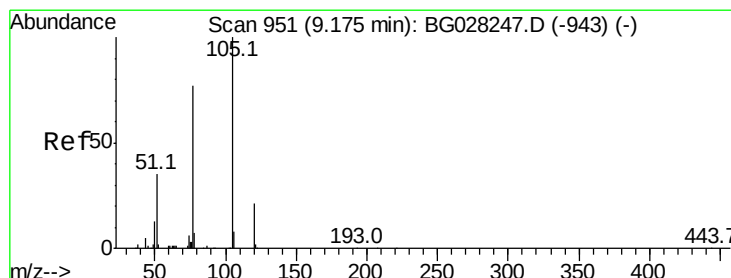
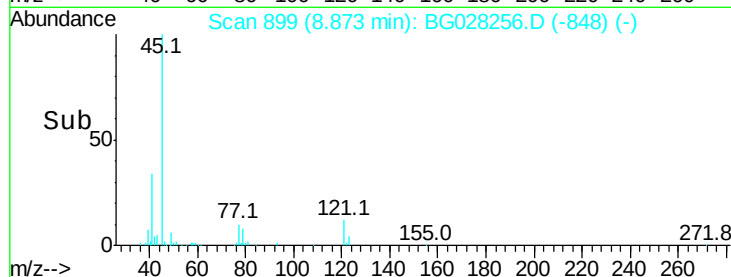
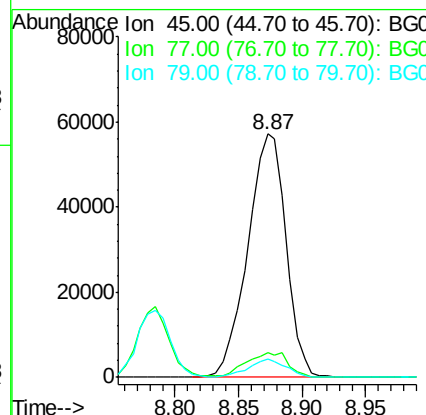
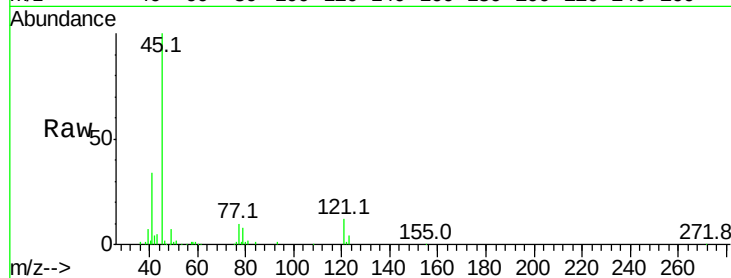




#12
2,2'-oxybis(1-chloropropane)
Concen: 16.422 ng/ul
RT: 8.87 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

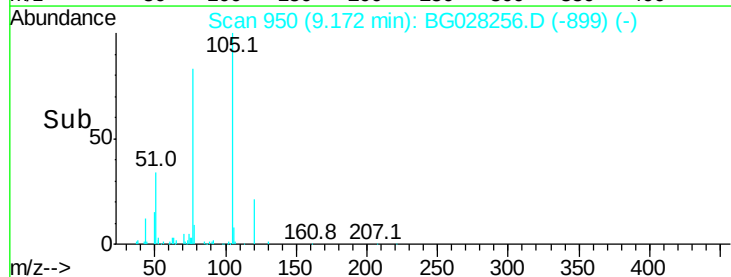
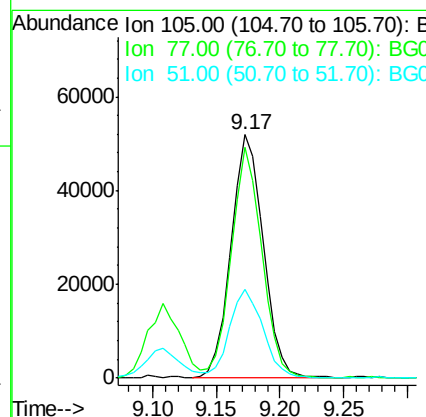
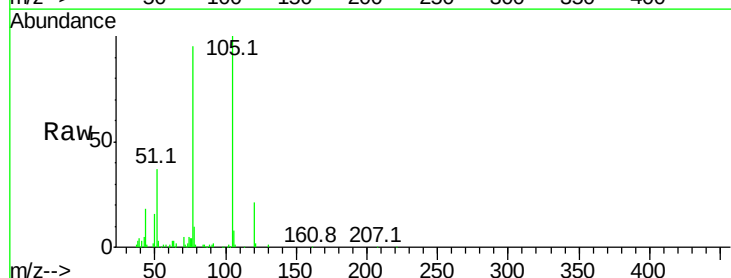
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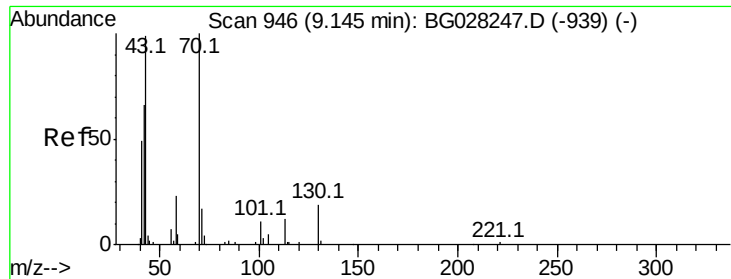
Tot Ion: 45 Resp: 119842
Ion Ratio Lower Upper
45 100
77 10.3 10.0 15.0
79 7.7 7.3 10.9



#14
Acetophenone
Concen: 17.276 ng/ul
RT: 9.17 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion: 105 Resp: 91444
Ion Ratio Lower Upper
105 100
77 94.6 76.0 114.0
51 36.5 34.8 52.2

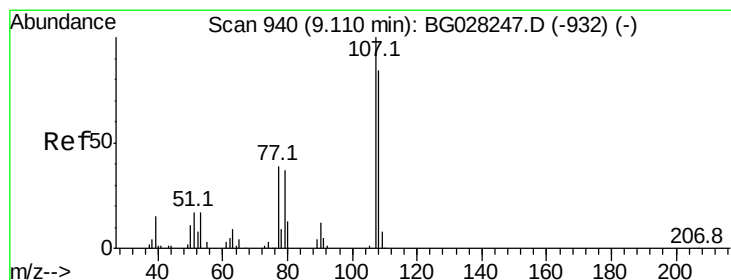
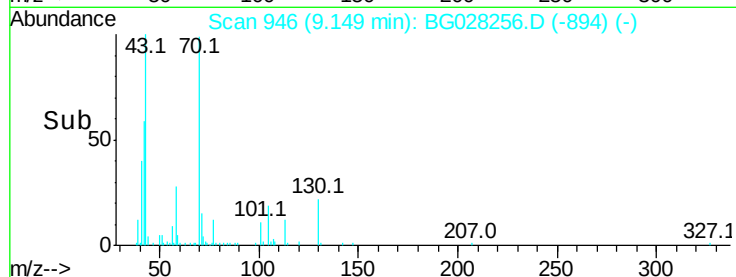
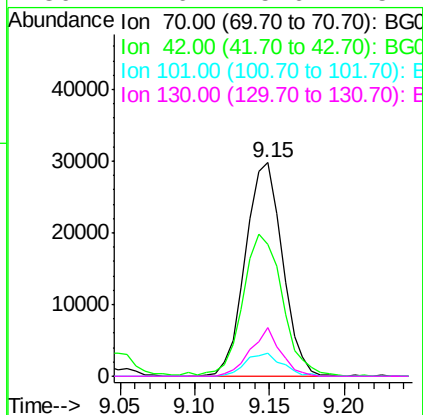
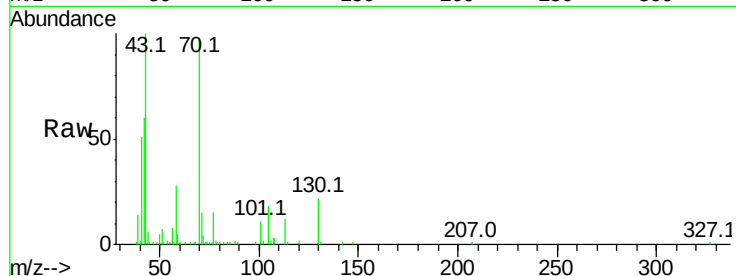




#15
N-Nitroso-di-n-propylamine
Concen: 17.050 ng/ul
RT: 9.15 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

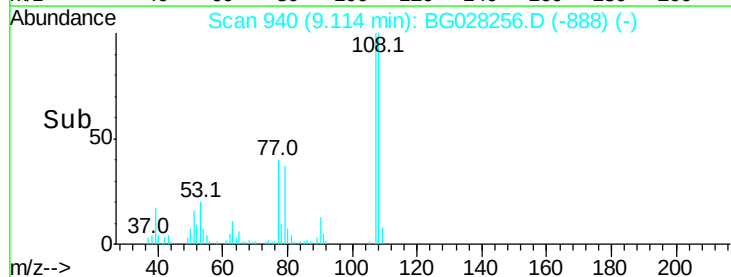
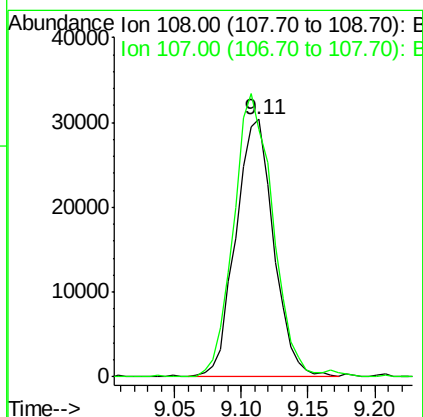
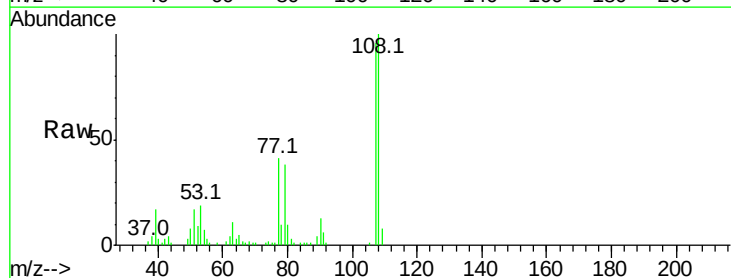
Instrument :
BNA_G
ClientSampleId :
SSTD02060

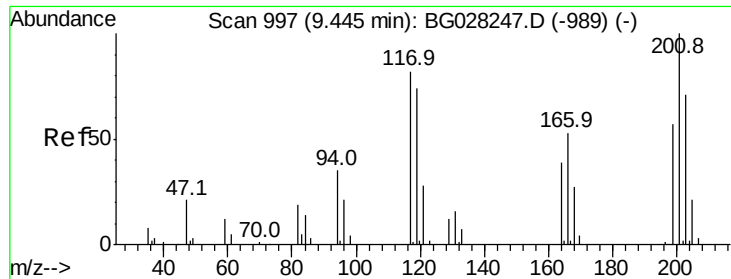
Tot Ion: 70 Resp: 51294
Ion Ratio Lower Upper
70 100
42 61.9 59.0 88.6
101 11.0 6.6 9.8#
130 22.6 15.6 23.4



#16
4-Methylphenol
Concen: 16.931 ng/ul
RT: 9.11 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion: 108 Resp: 59555
Ion Ratio Lower Upper
108 100
107 96.4 91.7 137.5

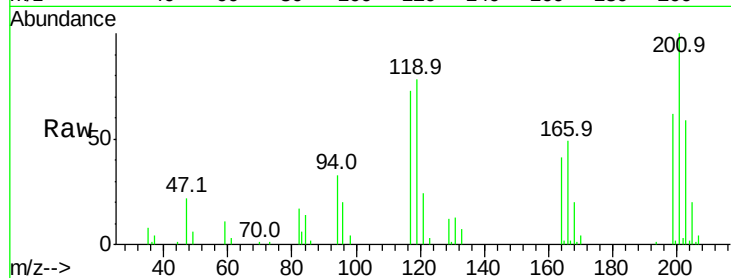




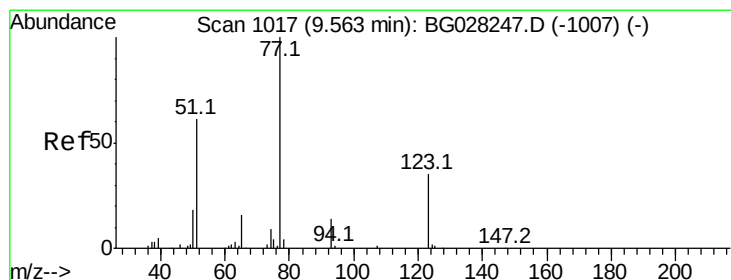
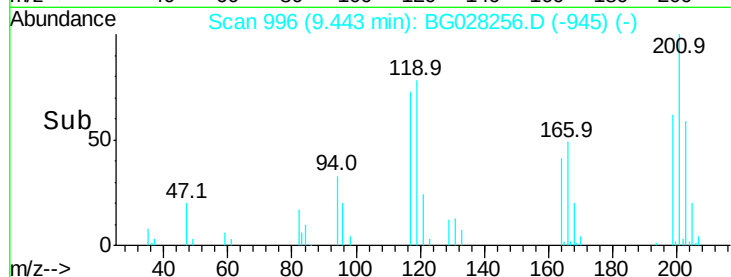
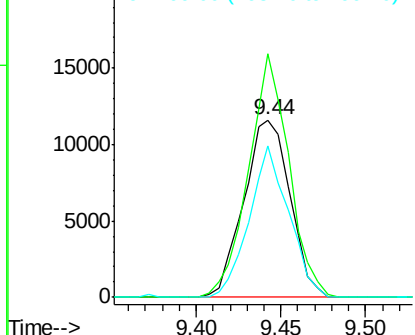
#17
Hexachloroethane
Concen: 19.489 ng/ul
RT: 9.44 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Instrument :
BNA_G
ClientSampleId :
SSTD02060

Tot Ion:117 Resp: 22047
Ion Ratio Lower Upper
117 100
201 137.1 91.9 137.9
199 85.5 64.3 96.5

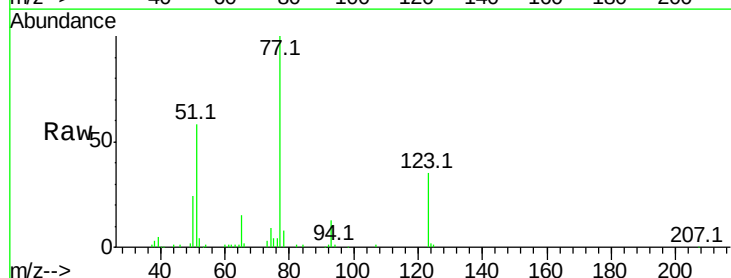


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

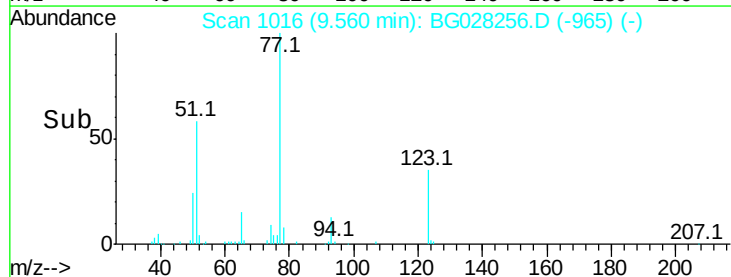
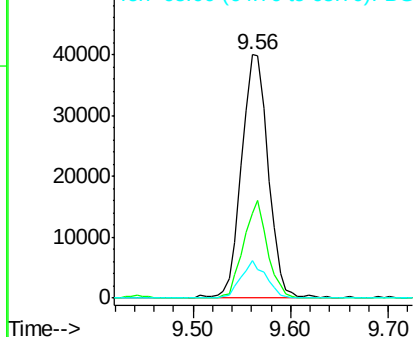


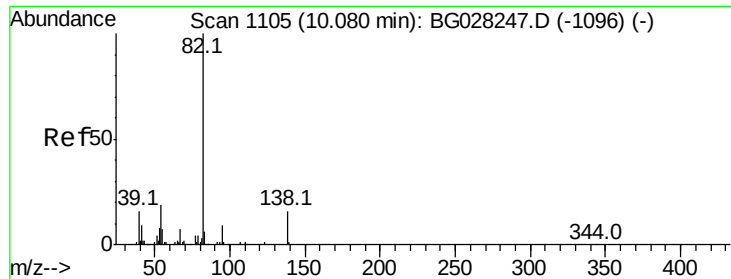
#20
Nitrobenzene
Concen: 19.338 ng/ul
RT: 9.56 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion: 77 Resp: 76453
Ion Ratio Lower Upper
77 100
123 34.6 27.4 41.0
65 15.3 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: 19.272 ng/ul

RT: 10.08 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

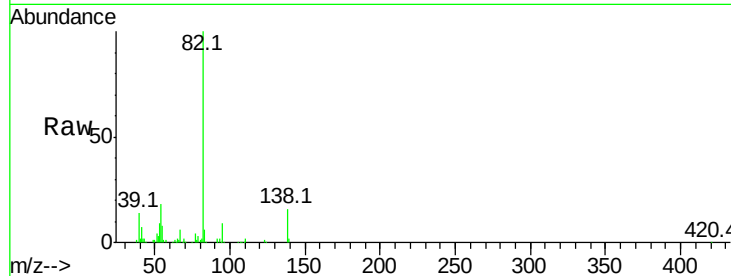
Tot Ion: 82 Resp: 144751

Ion Ratio Lower Upper

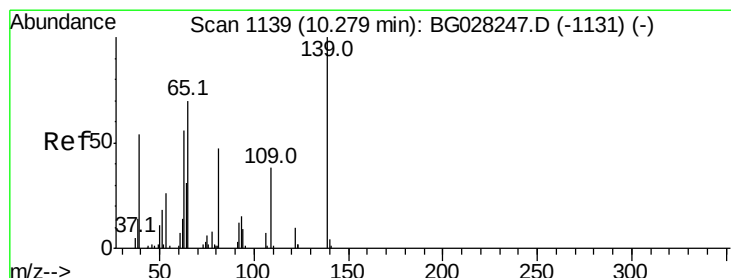
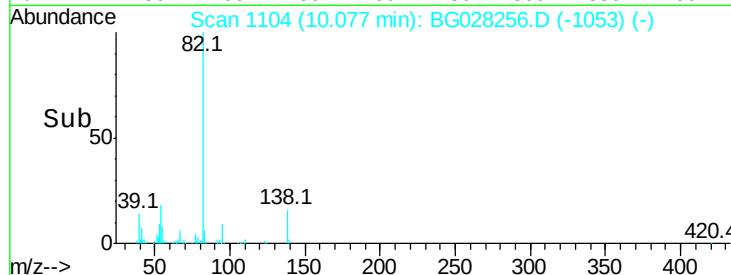
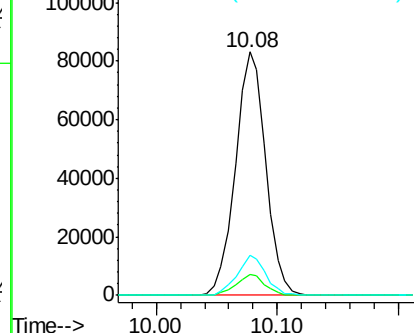
82 100

95 8.6 7.8 11.6

138 16.3 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 20.891 ng/ul

RT: 10.28 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

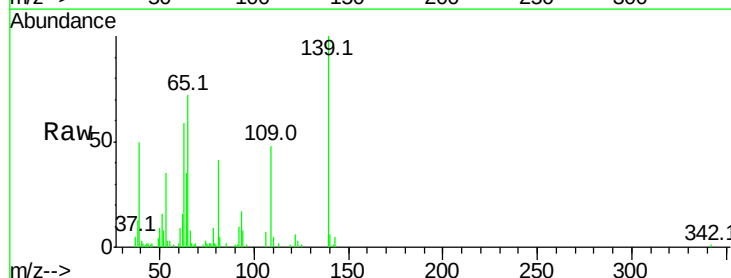
Tgt Ion: 139 Resp: 31581

Ion Ratio Lower Upper

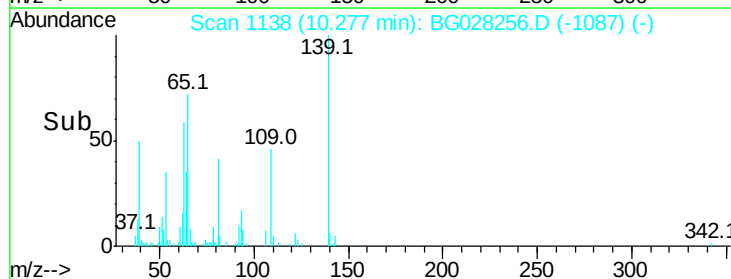
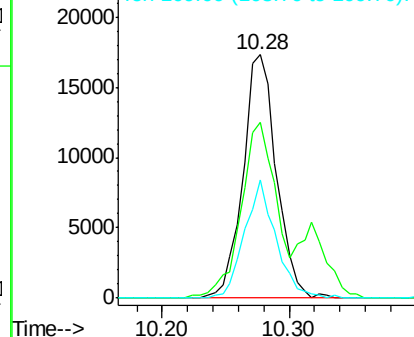
139 100

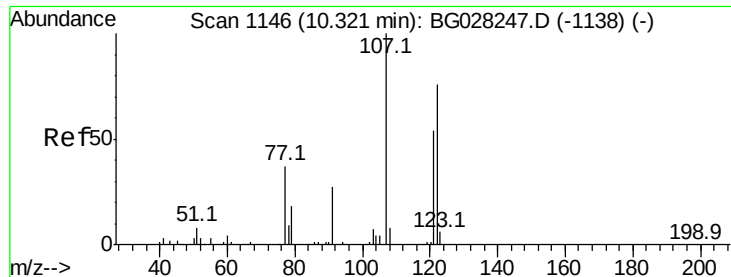
65 72.0 67.0 100.6

109 48.3 39.6 59.4



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





#24

2,4-Dimethylphenol

Concen: 20.011 ng/ul

RT: 10.32 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

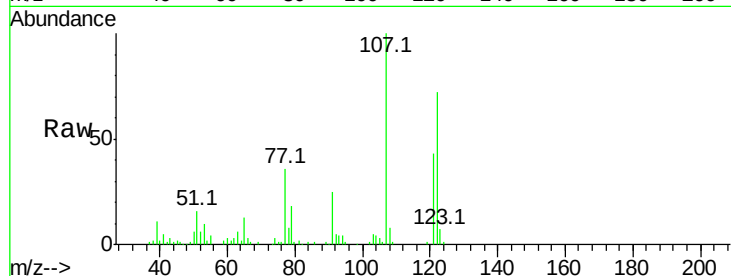
Tot Ion:107 Resp: 75187

Ion Ratio Lower Upper

107 100

121 43.4 32.3 48.5

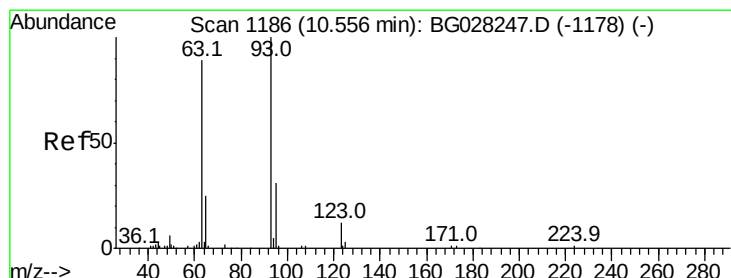
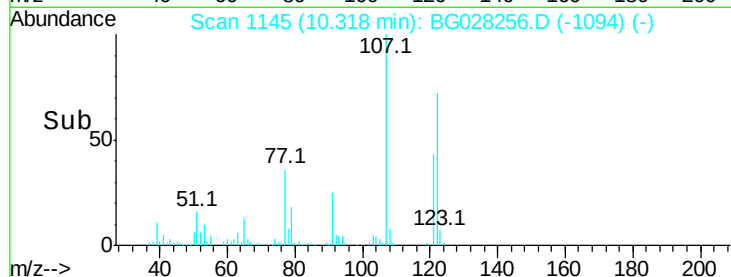
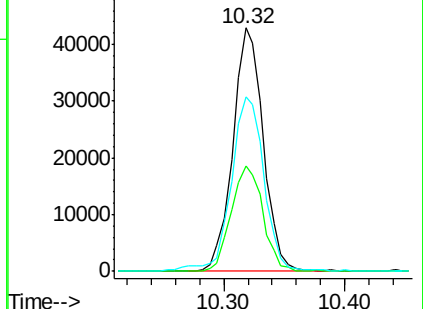
122 71.6 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.166 ng/ul

RT: 10.55 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

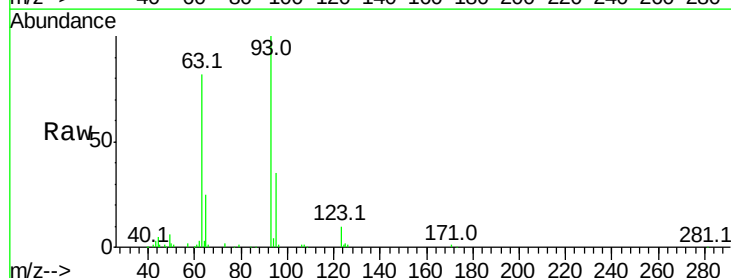
Tgt Ion: 93 Resp: 78412

Ion Ratio Lower Upper

93 100

95 34.7 23.4 35.0

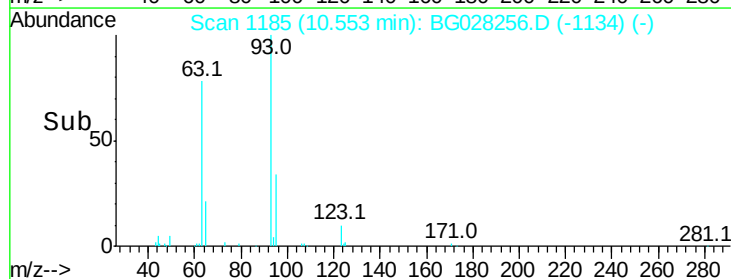
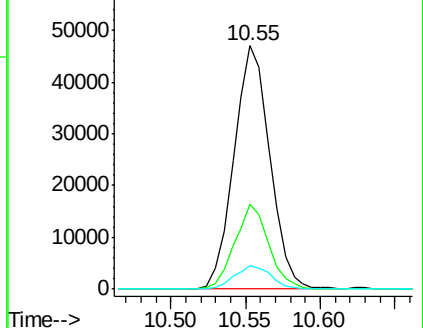
123 9.6 7.8 11.6

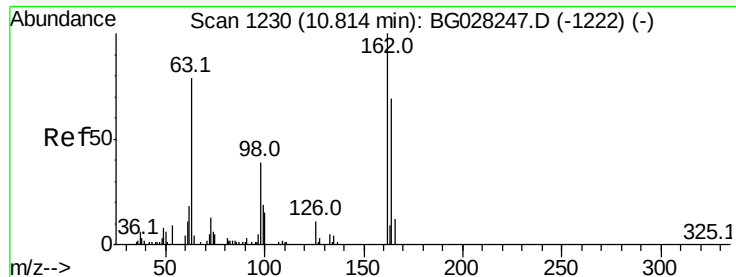


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.585 ng/ul

RT: 10.81 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

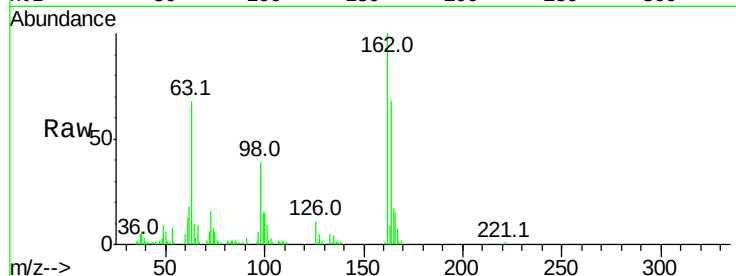
Tot Ion:162 Resp: 58056

Ion Ratio Lower Upper

162 100

164 68.2 50.8 76.2

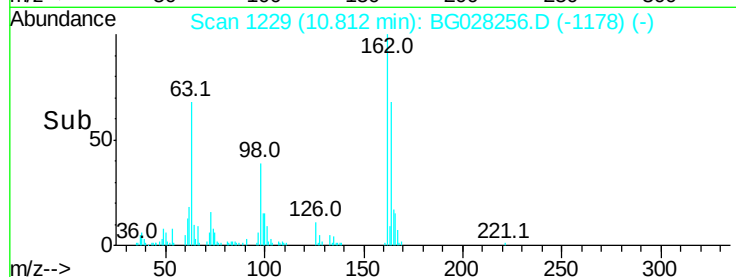
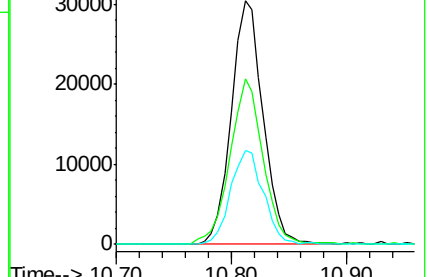
98 38.7 32.1 48.1



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): BGC



#28

Naphthalene

Concen: 20.127 ng/ul

RT: 11.22 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

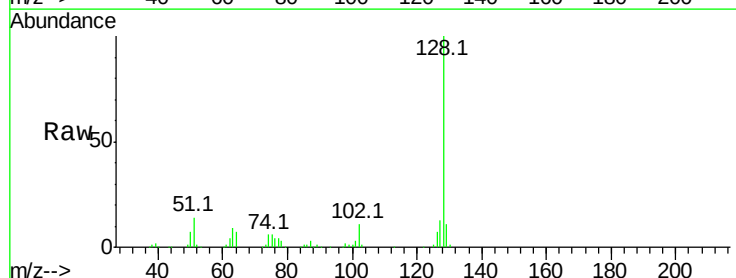
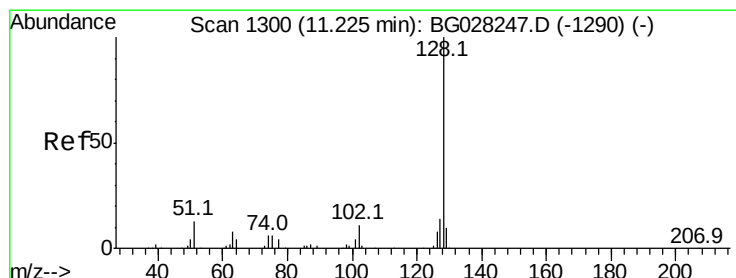
Tgt Ion:128 Resp: 174098

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

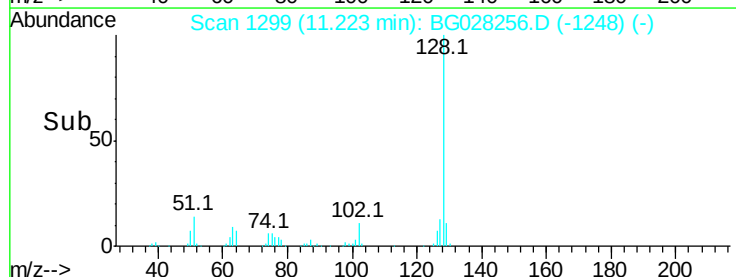
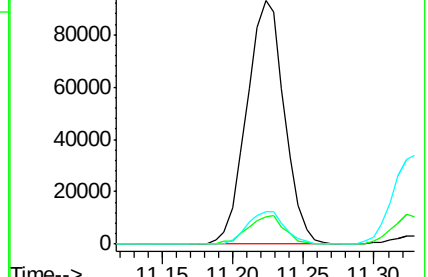
127 13.3 10.3 15.5

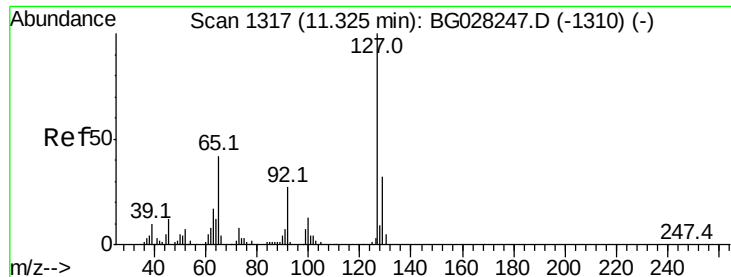


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

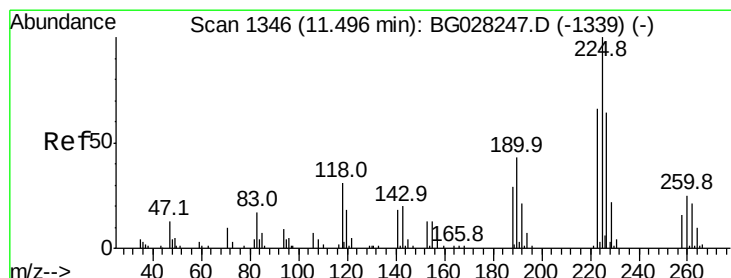
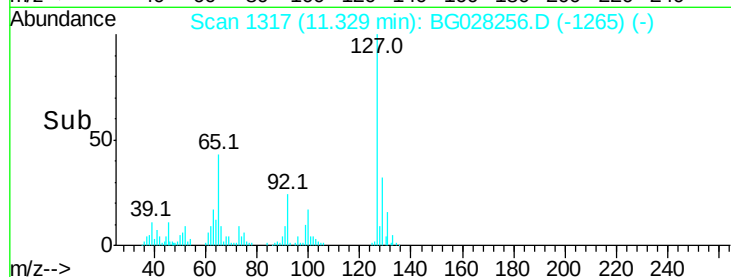
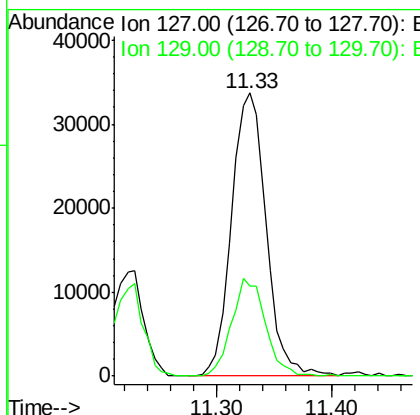
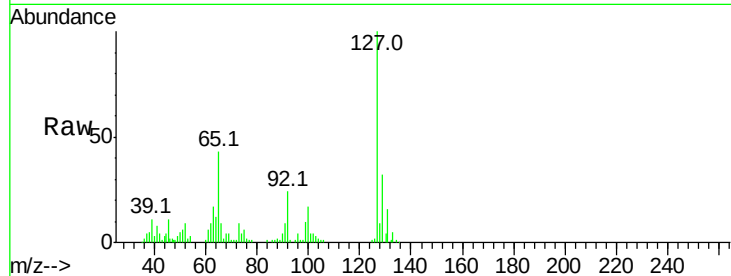




#30
4-Chloroaniline
Concen: 20.940 ng/ul
RT: 11.33 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

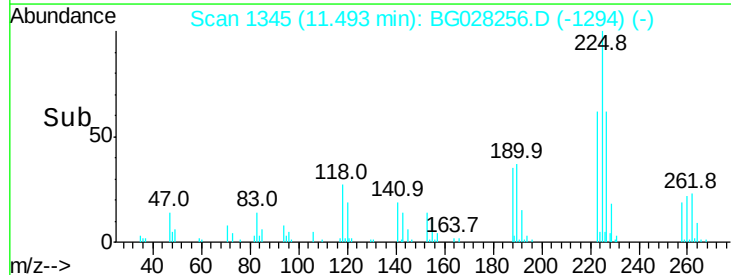
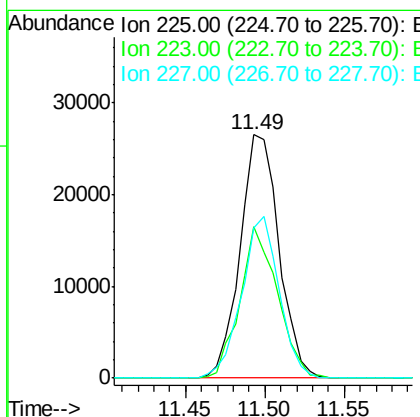
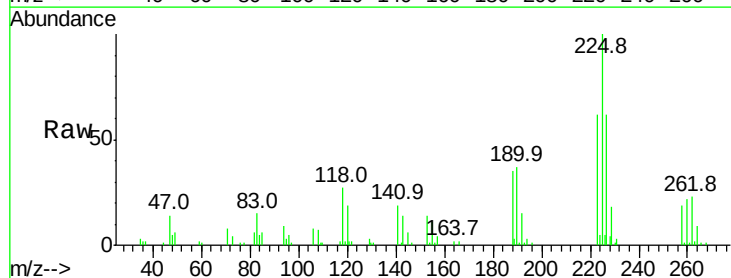
Instrument :
BNA_G
ClientSampleId :
SSTD02060

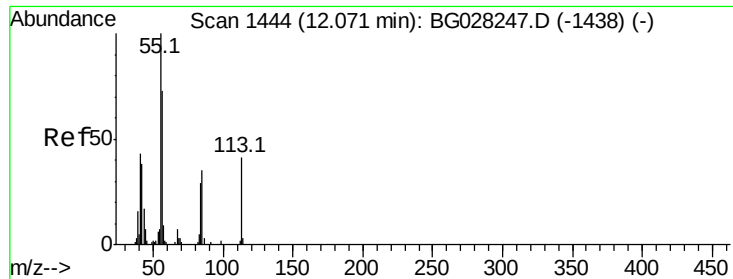
Tot Ion:127 Resp: 70000
Ion Ratio Lower Upper
127 100
129 31.6 28.9 43.3



#31
Hexachlorobutadiene
Concen: 21.751 ng/ul
RT: 11.49 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion:225 Resp: 45281
Ion Ratio Lower Upper
225 100
223 62.4 45.9 68.9
227 61.8 44.7 67.1





#32

Caprolactam

Concen: 19.159 ng/ul

RT: 12.07 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

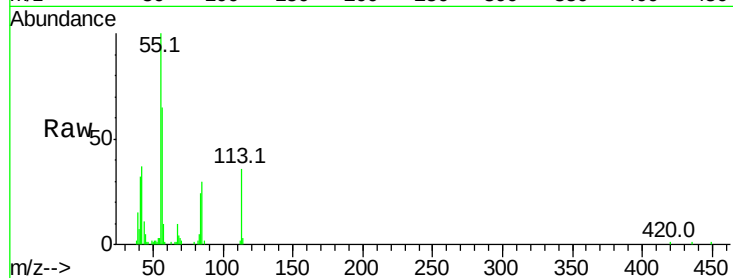
Tot Ion:113 Resp: 22469

Ion Ratio Lower Upper

113 100

55 277.9 168.6 252.8#

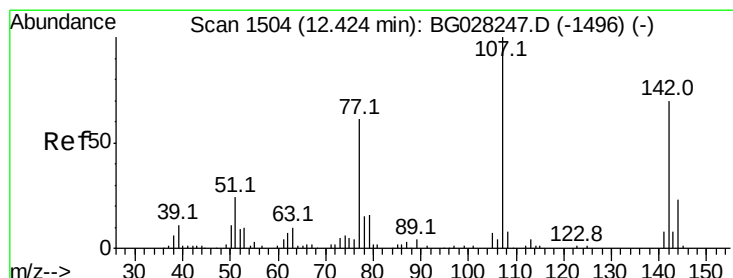
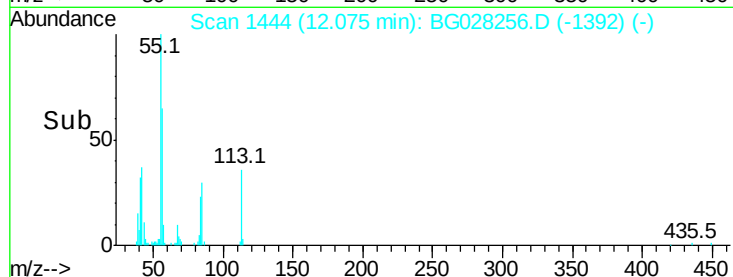
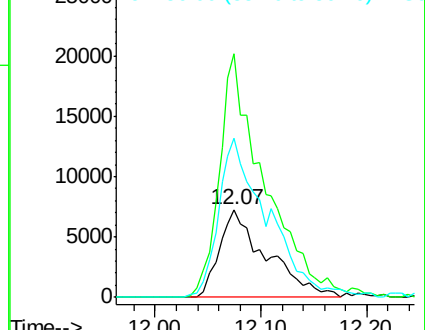
56 181.7 128.5 192.7



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: 19.983 ng/ul

RT: 12.42 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

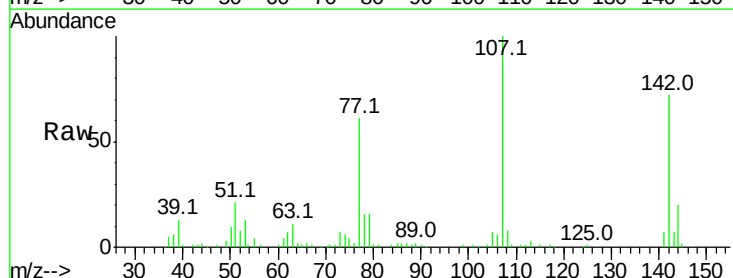
Tgt Ion:107 Resp: 71935

Ion Ratio Lower Upper

107 100

144 19.9 18.2 27.4

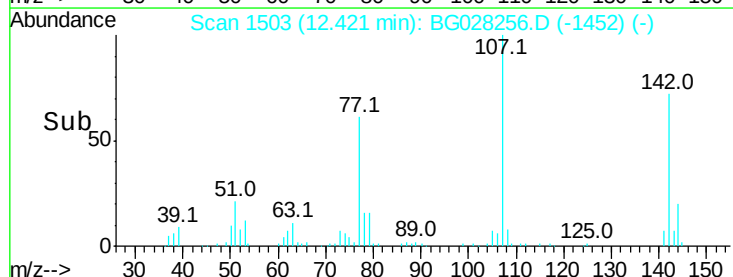
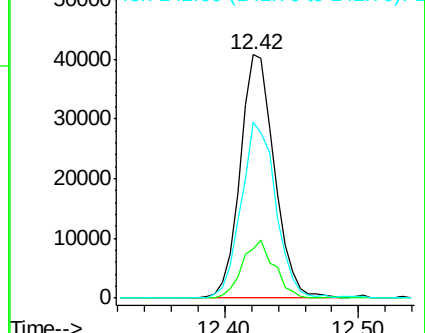
142 72.4 55.0 82.4

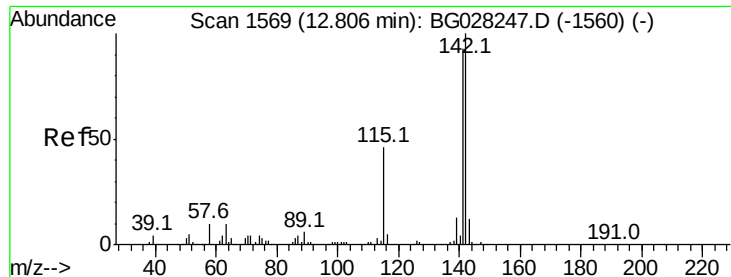


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.588 ng/ul

RT: 12.80 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

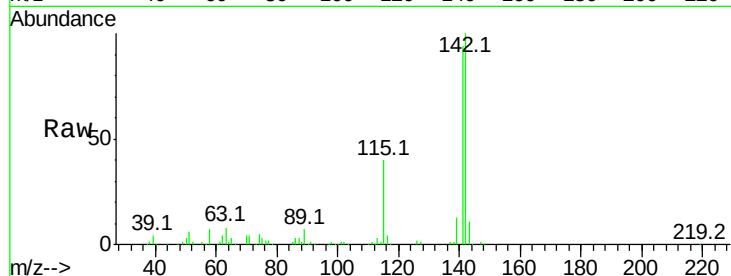
SSTD02060

Tot Ion:142 Resp: 136094

Ion Ratio Lower Upper

142 100

141 93.5 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

80000

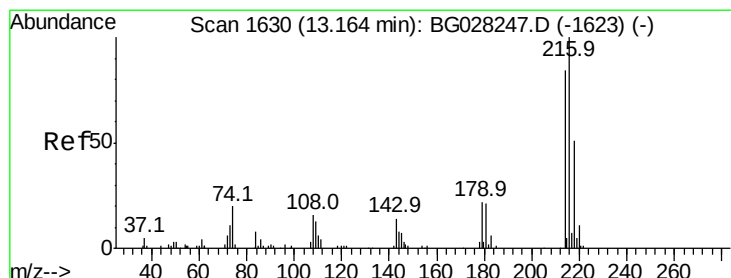
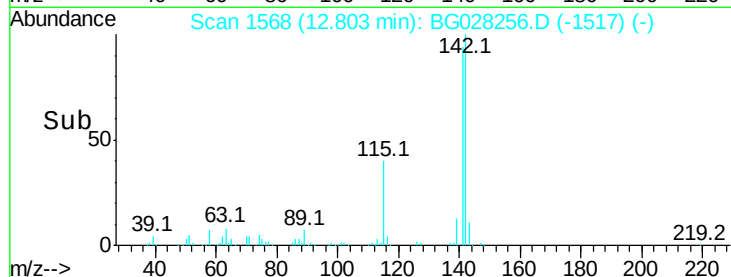
60000

40000

20000

0

Time--> 12.70 12.80 12.90



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.527 ng/ul

RT: 13.16 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Tgt Ion:216 Resp: 82491

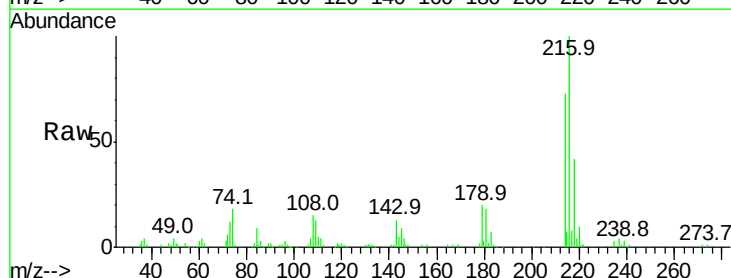
Ion Ratio Lower Upper

216 100

214 73.2 67.0 100.6

179 20.5 18.1 27.1

108 15.0 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

80000

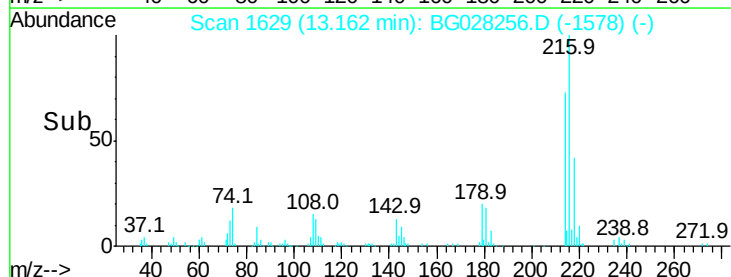
60000

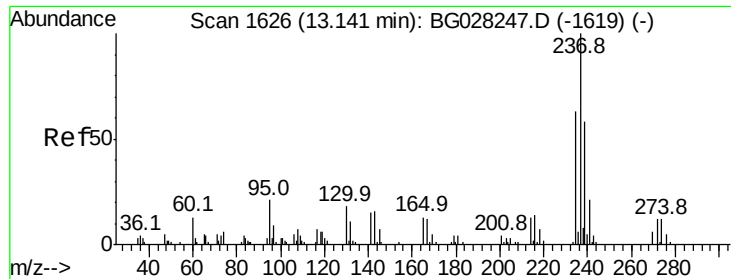
40000

20000

0

Time--> 13.10 13.15 13.20 13.25

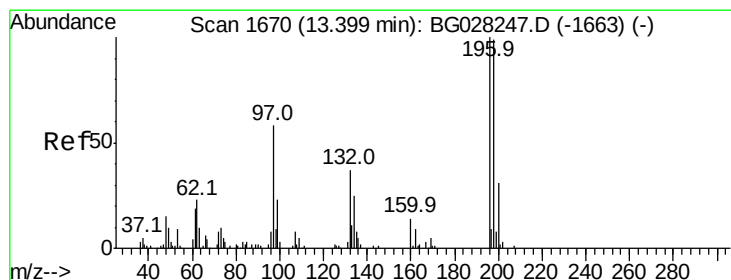
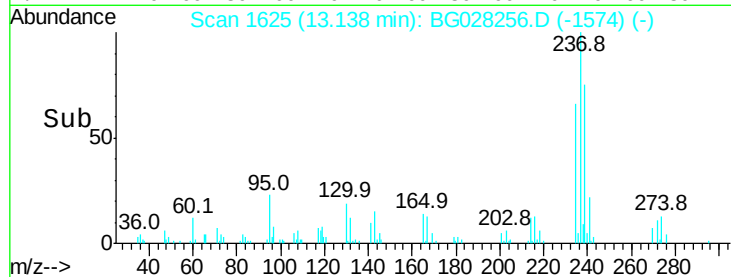
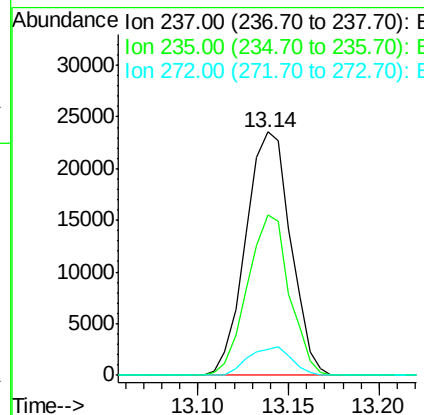
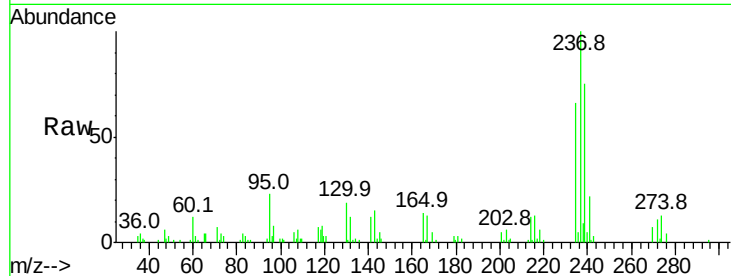




#37
Hexachlorocyclopentadiene
Concen: 18.267 ng/ul
RT: 13.14 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

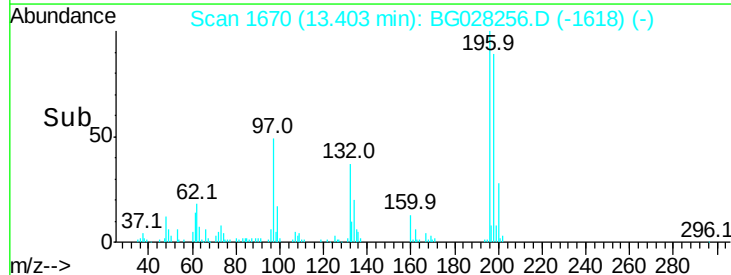
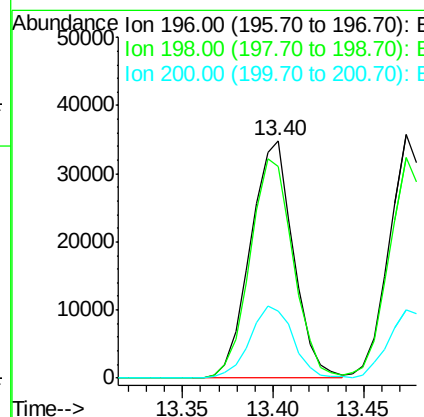
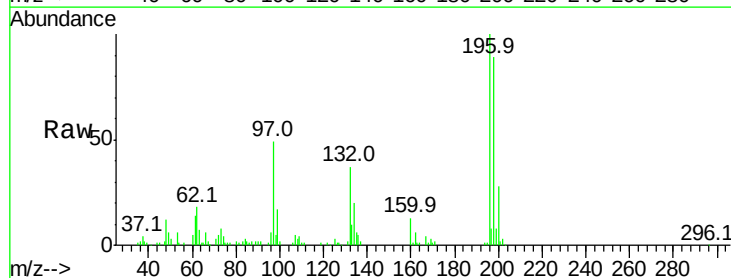
Instrument :
BNA_G
ClientSampleId :
SSTD02060

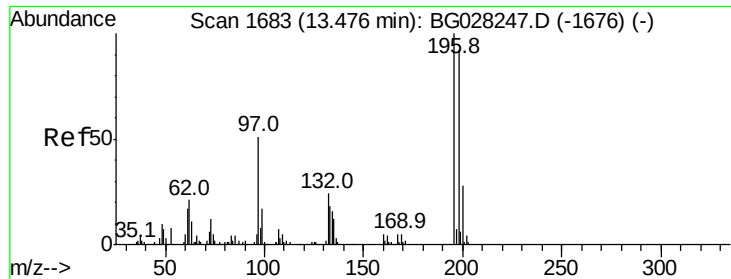
Tot Ion:237 Resp: 40507
Ion Ratio Lower Upper
237 100
235 65.9 50.2 75.4
272 10.7 10.6 16.0



#38
2,4,6-Trichlorophenol
Concen: 23.029 ng/ul
RT: 13.40 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion:196 Resp: 57680
Ion Ratio Lower Upper
196 100
198 89.1 71.4 107.2
200 28.2 24.6 37.0

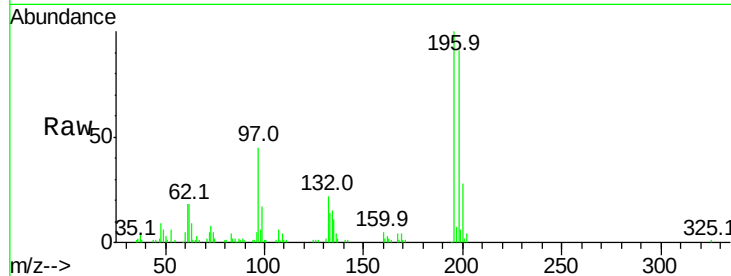




#39
 2,4,5-Trichlorophenol
 Concen: 21.911 ng/ul
 RT: 13.47 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG028256.D
 Acq: 10 Aug 2017 13:17

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02060

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.8	78.6	118.0
200	27.8	27.3	40.9

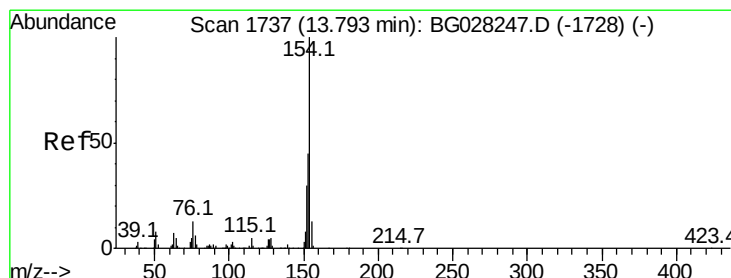
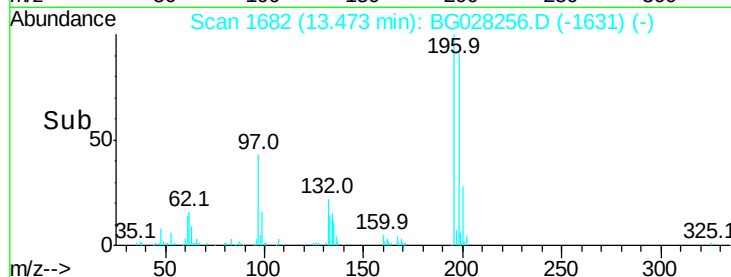
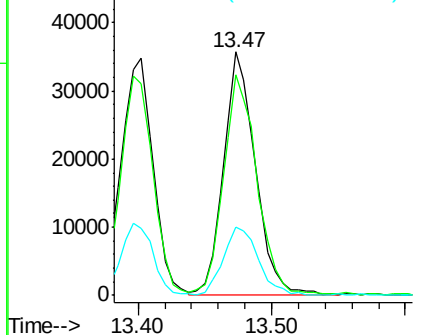


Abundance

Ion 196.00 (195.70 to 196.70): E

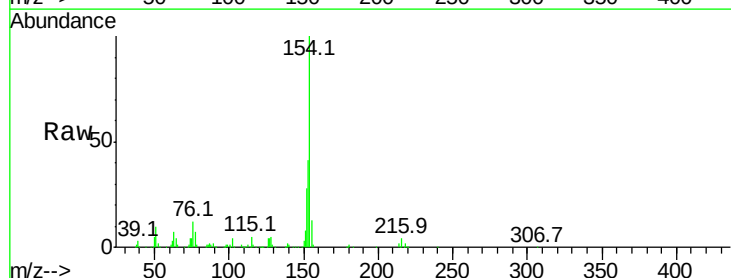
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 19.577 ng/ul
 RT: 13.79 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG028256.D
 Acq: 10 Aug 2017 13:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.2	48.2
76	11.8	9.6	14.4

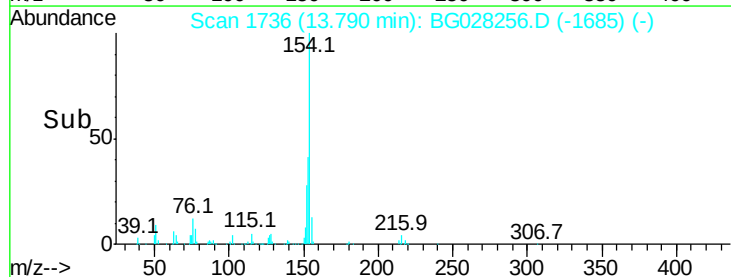
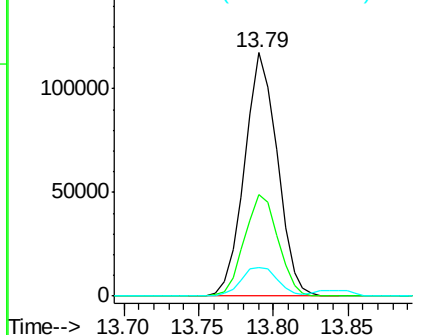


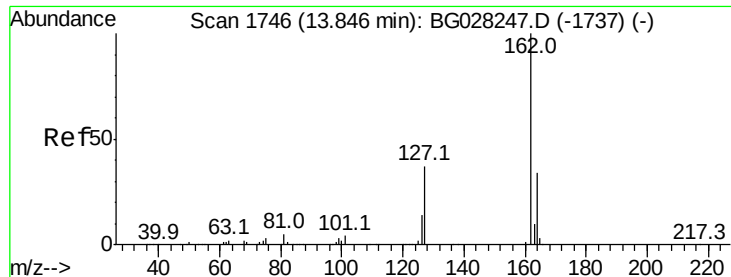
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

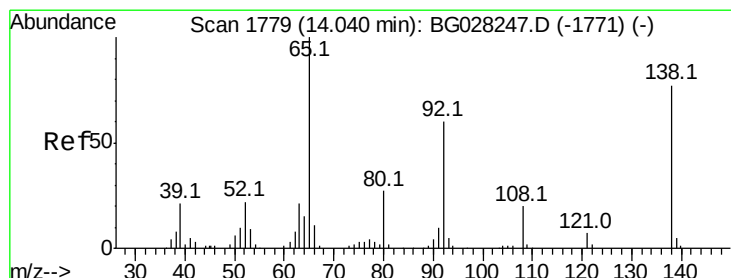
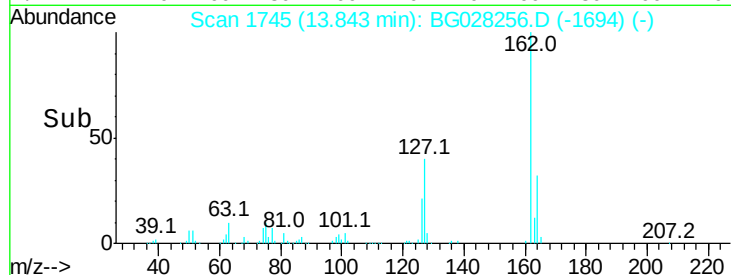
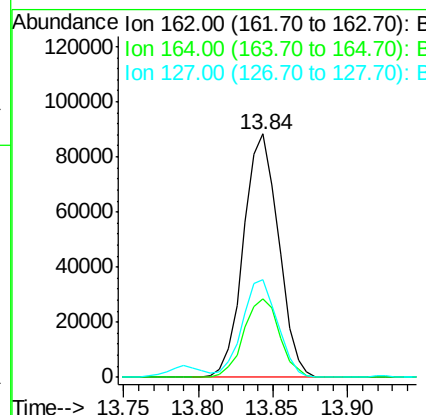
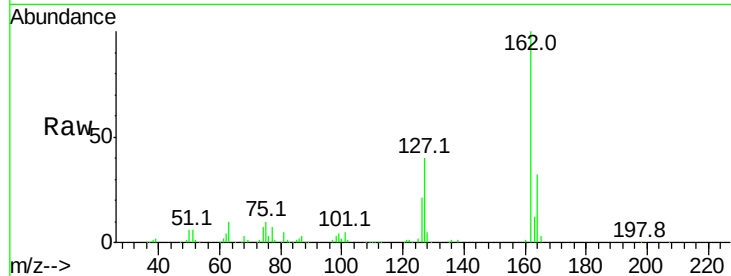




#41
2-Chloronaphthalene
Concen: 19.934 ng/ul
RT: 13.84 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

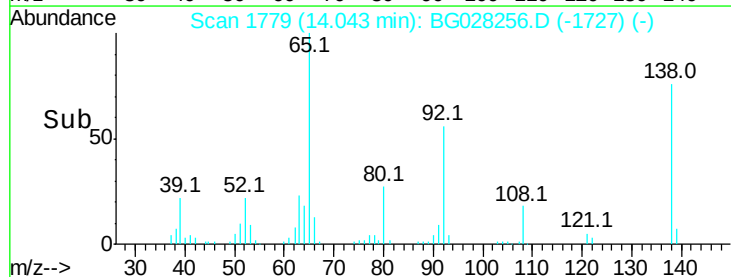
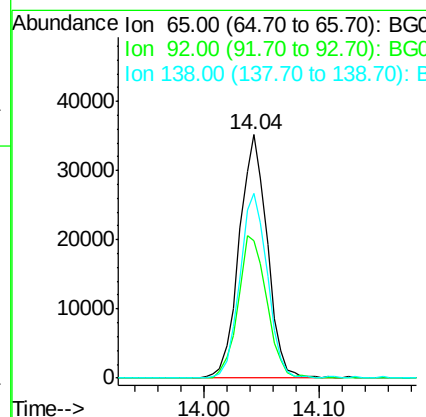
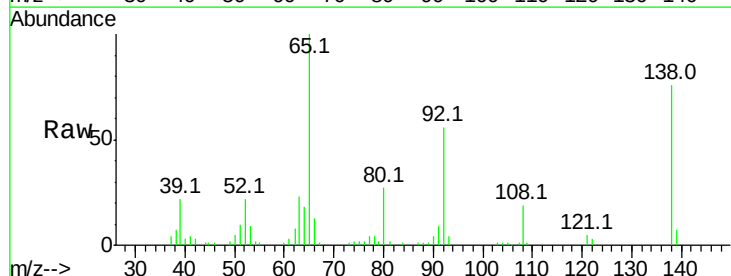
Instrument :
BNA_G
ClientSampleId :
SSTD02060

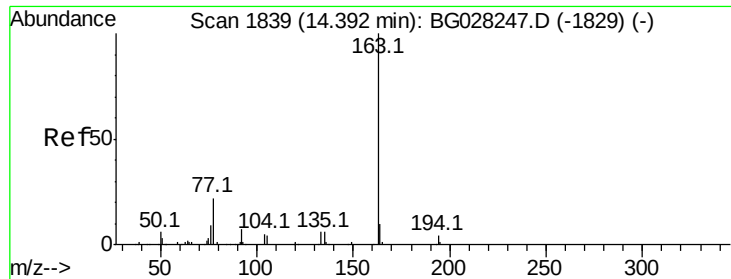
Tot Ion:162 Resp: 143441
Ion Ratio Lower Upper
162 100
164 32.1 25.0 37.6
127 40.1 30.7 46.1



#42
2-Nitroaniline
Concen: 19.562 ng/ul
RT: 14.04 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion: 65 Resp: 59019
Ion Ratio Lower Upper
65 100
92 56.4 50.9 76.3
138 75.7 61.8 92.6





#44

Dimethylphthalate

Concen: 19.373 ng/ul

RT: 14.40 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

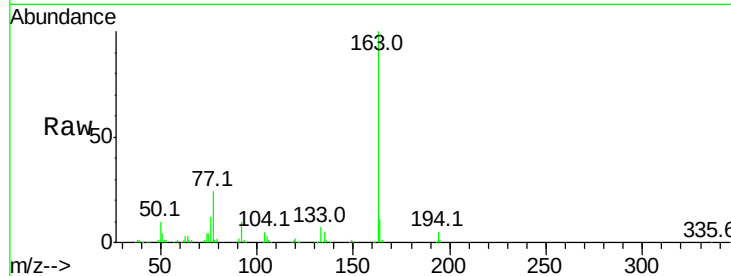
Tot Ion:163 Resp: 197799

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

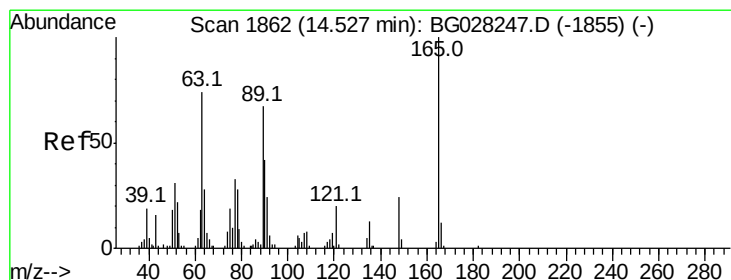
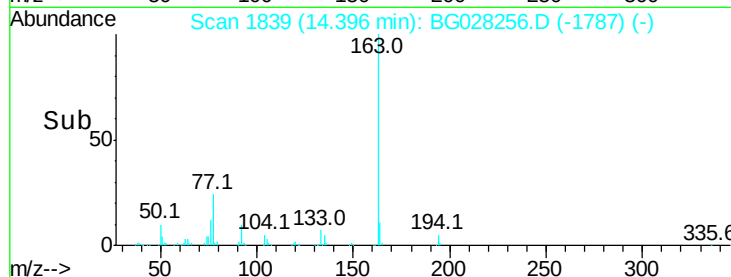
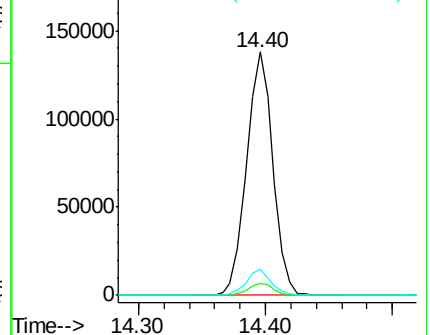
164 10.5 9.0 13.4



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: 20.346 ng/ul

RT: 14.52 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

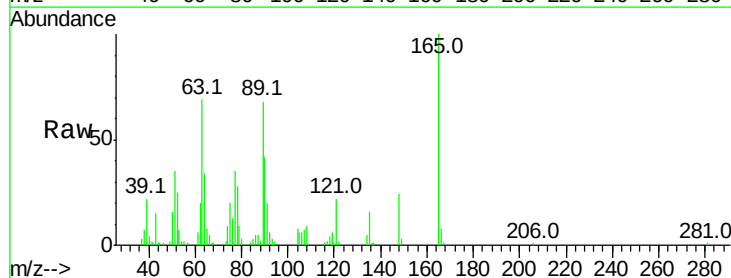
Tgt Ion:165 Resp: 42892

Ion Ratio Lower Upper

165 100

89 68.3 52.9 79.3

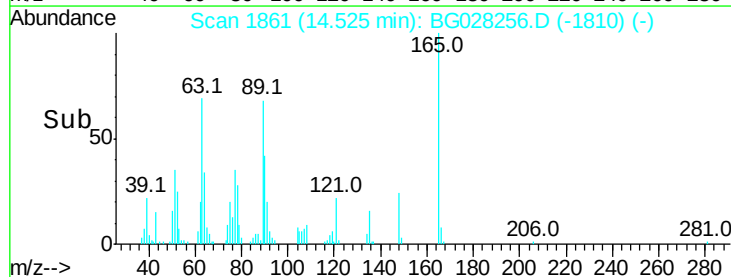
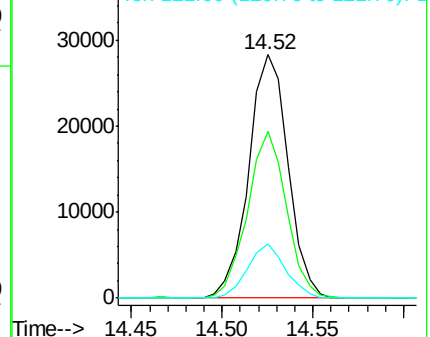
121 22.3 22.2 33.4

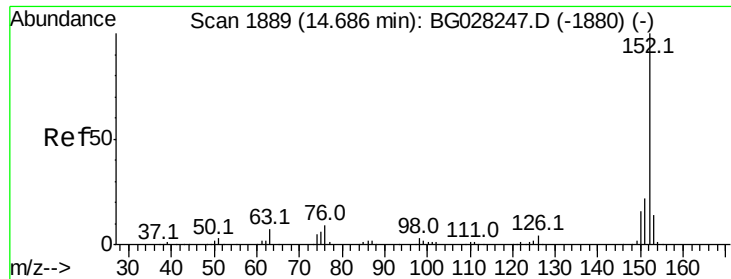


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.721 ng/ul

RT: 14.68 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

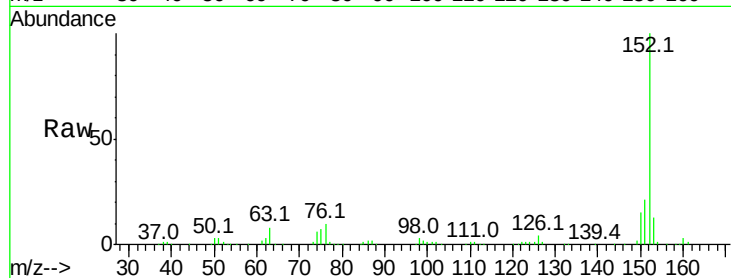
Tot Ion:152 Resp: 235631

Ion Ratio Lower Upper

152 100

151 21.4 16.7 25.1

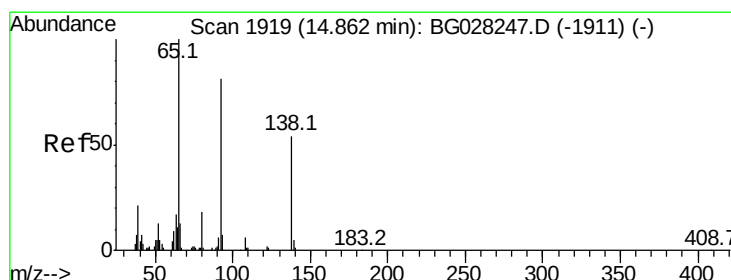
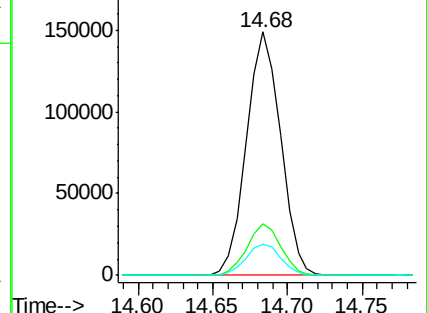
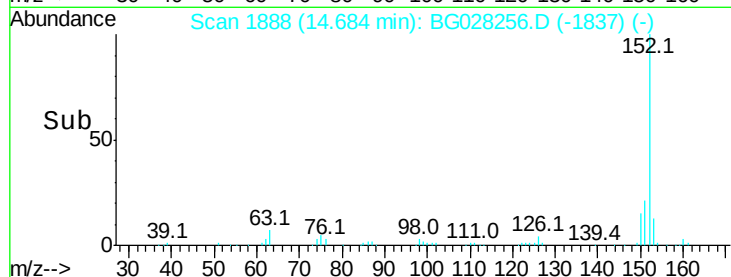
153 13.0 11.4 17.2



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: 20.221 ng/ul

RT: 14.87 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

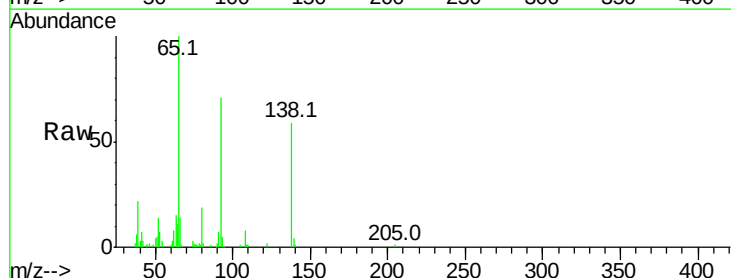
Tgt Ion:138 Resp: 38385

Ion Ratio Lower Upper

138 100

108 13.6 6.3 9.5#

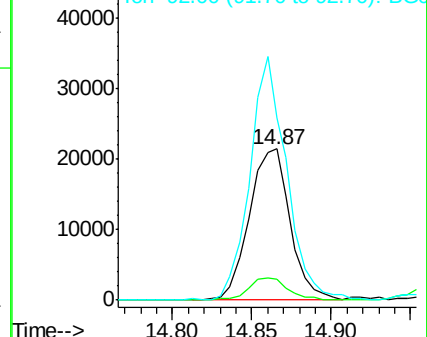
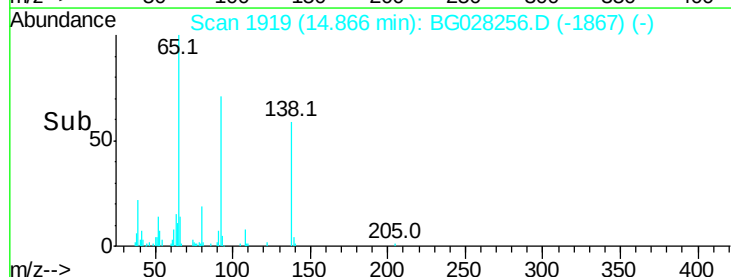
92 120.8 106.4 159.6

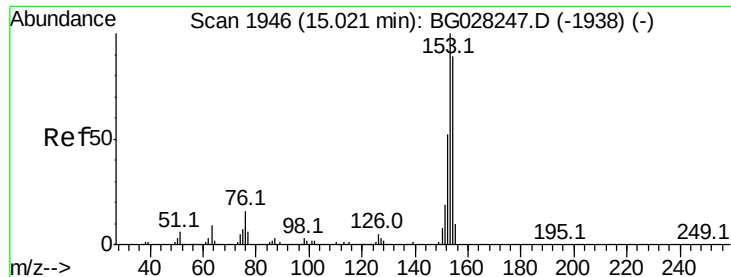


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 19.671 ng/ul

RT: 15.02 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

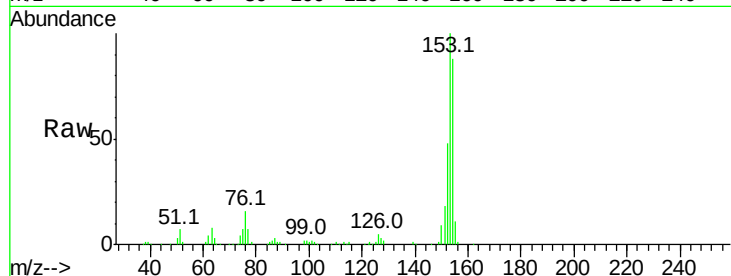
Tot Ion:153 Resp: 158577

Ion Ratio Lower Upper

153 100

152 48.1 36.5 54.7

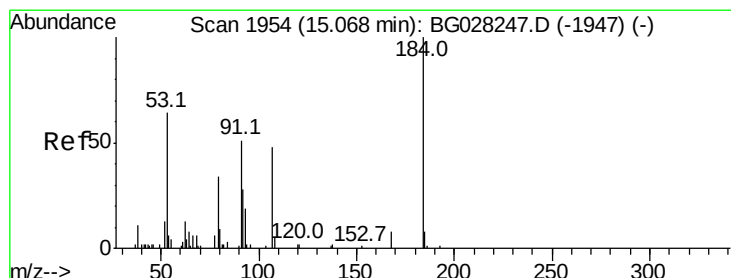
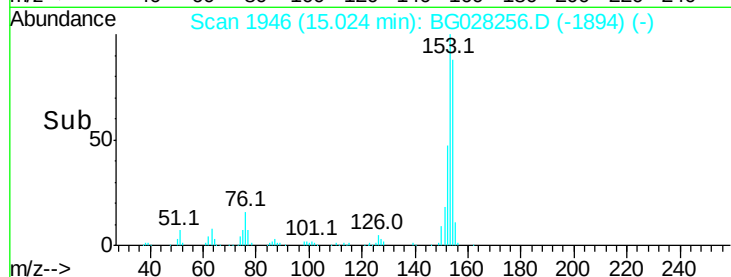
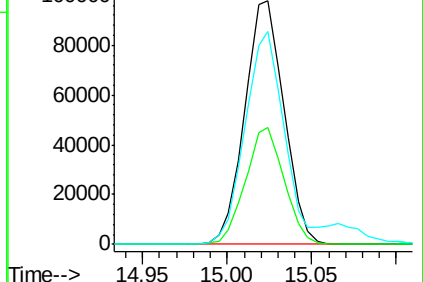
154 87.7 72.3 108.5



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: 18.732 ng/ul

RT: 15.07 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

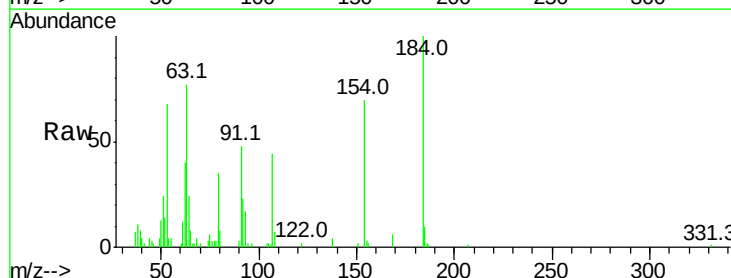
Tgt Ion:184 Resp: 22249

Ion Ratio Lower Upper

184 100

63 76.6 65.1 97.7

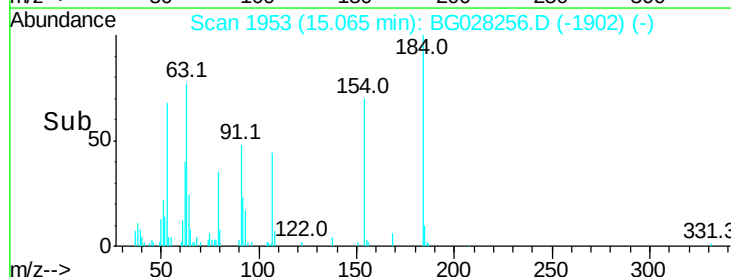
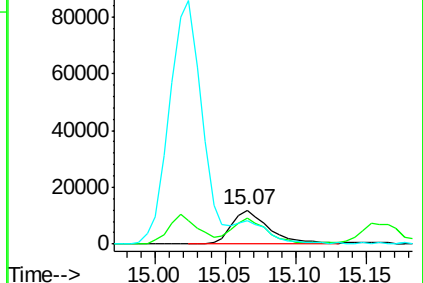
154 70.4 68.2 102.4

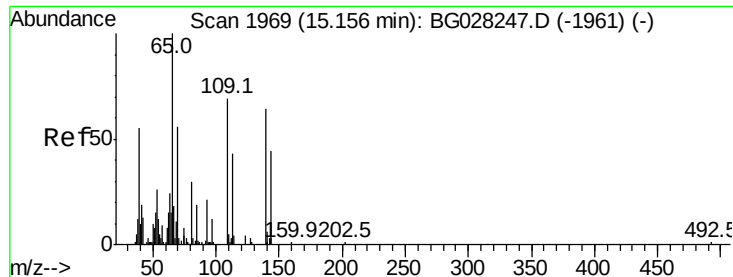


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.903 ng/ul

RT: 15.17 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

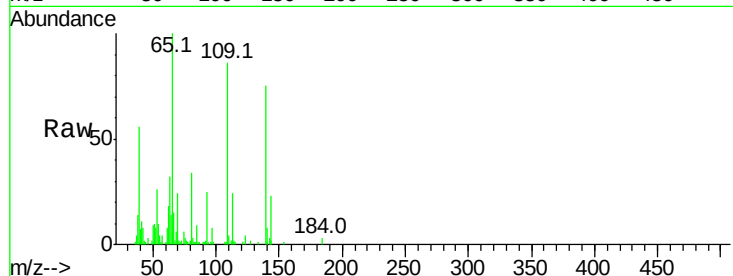
Tot Ion:109 Resp: 34533

Ion Ratio Lower Upper

109 100

139 86.5 62.6 93.8

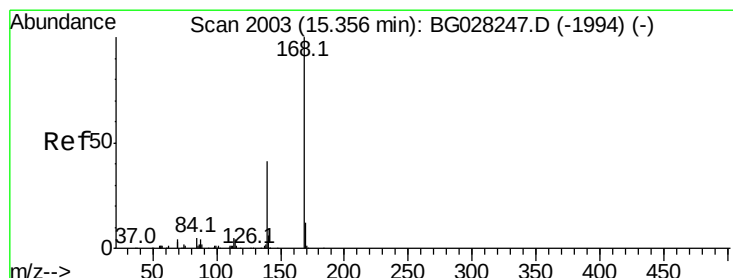
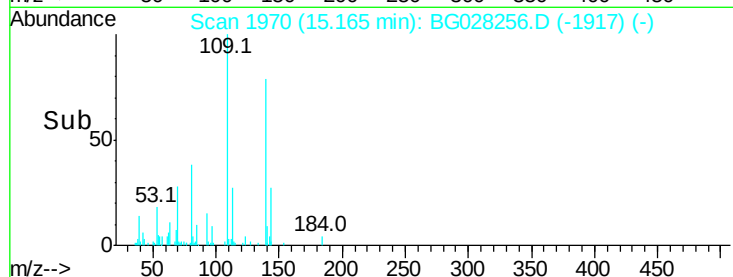
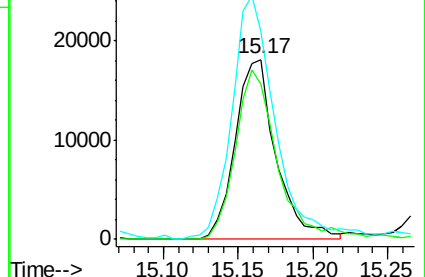
65 115.7 90.4 135.6



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: 19.938 ng/ul

RT: 15.35 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG028256.D

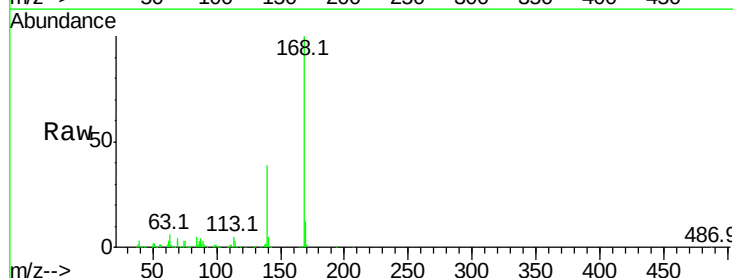
Acq: 10 Aug 2017 13:17

Tgt Ion:168 Resp: 234347

Ion Ratio Lower Upper

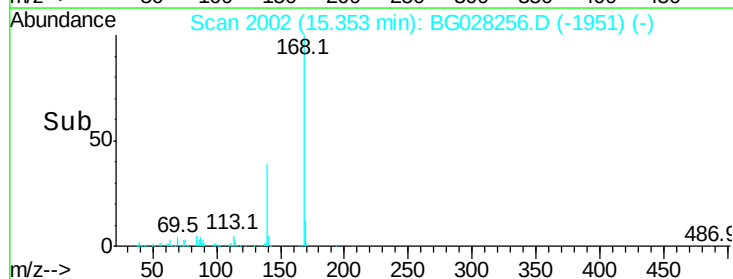
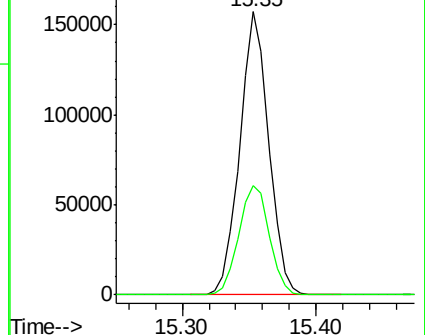
168 100

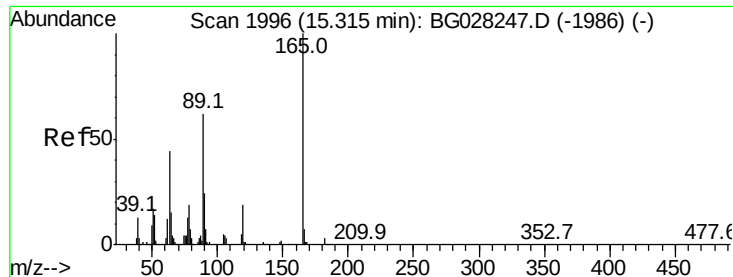
139 38.8 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.043 ng/ul

RT: 15.31 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

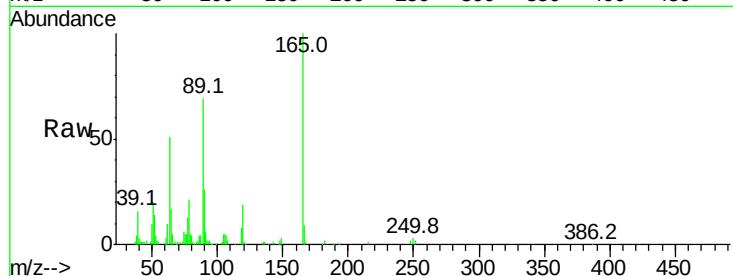
Tot Ion:165 Resp: 67227

Ion Ratio Lower Upper

165 100

63 51.0 46.8 70.2

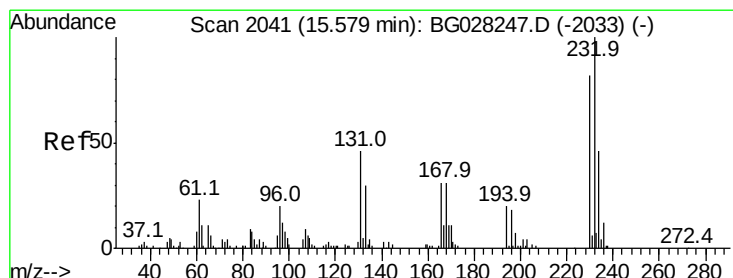
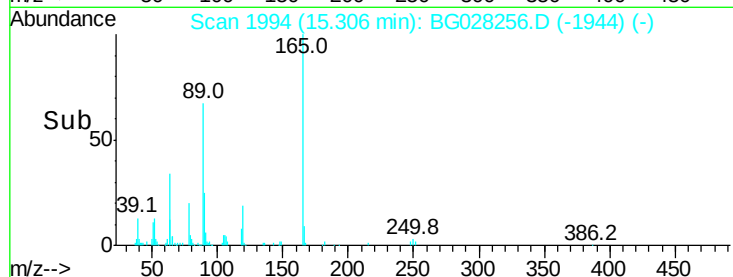
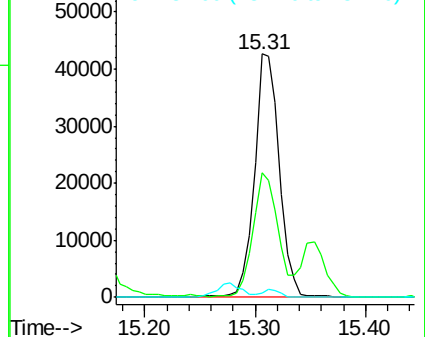
182 2.0 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 22.204 ng/ul

RT: 15.58 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Tgt Ion:232 Resp: 56456

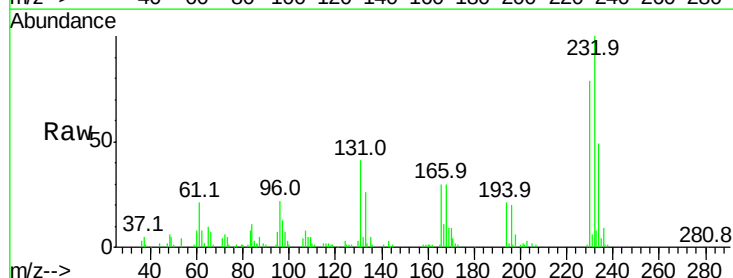
Ion Ratio Lower Upper

232 100

131 40.7 33.3 49.9

130 3.1 1.8 2.6#

166 30.0 21.9 32.9

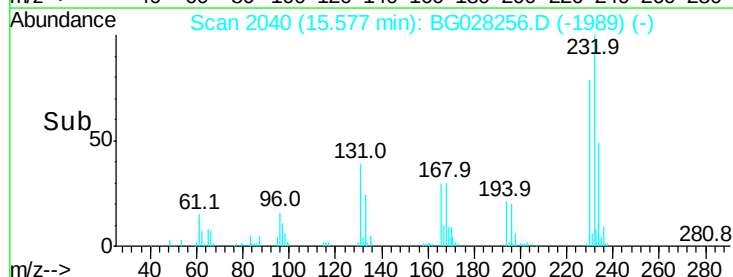
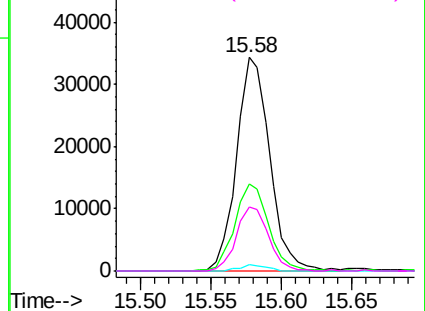


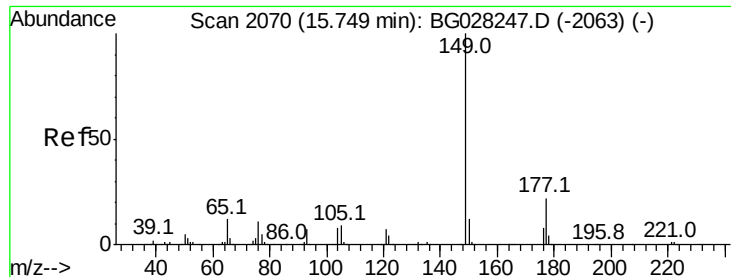
Abundance Ion 232.00 (231.70 to 232.70): E

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

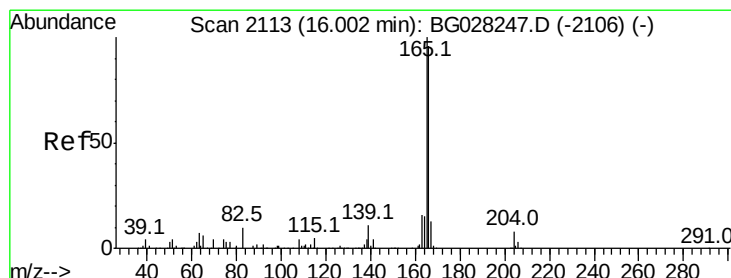
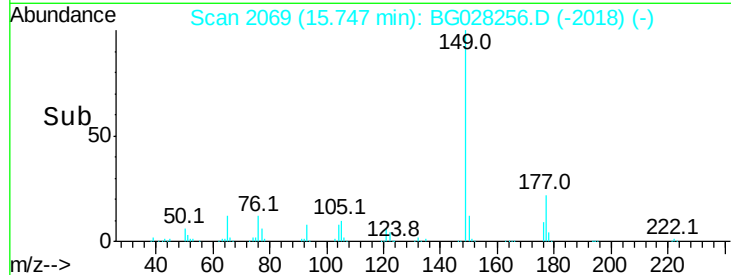
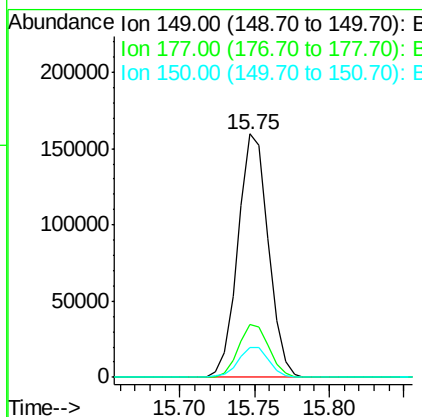
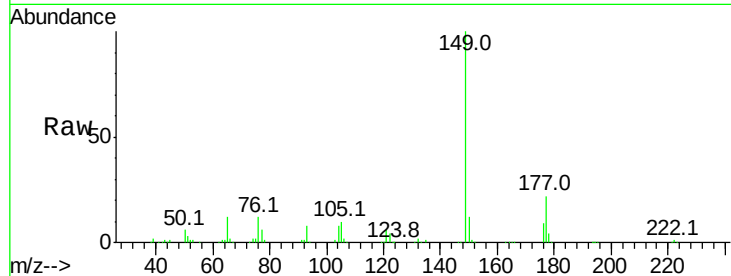




#56
Diethylphthalate
Concen: 18.849 ng/ul
RT: 15.75 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

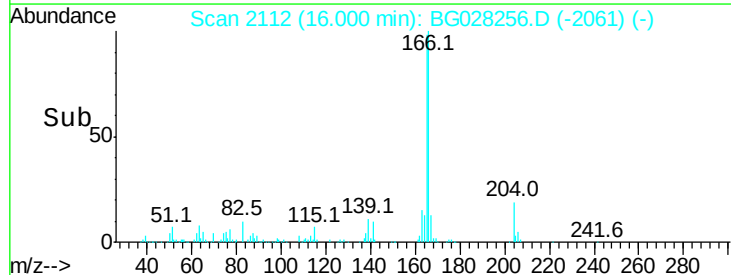
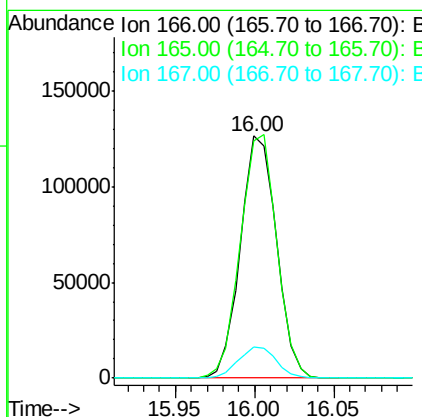
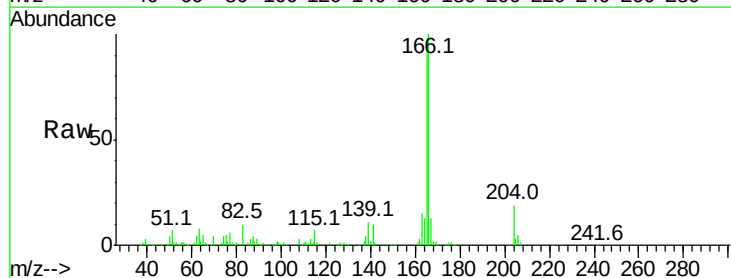
Instrument :
BNA_G
ClientSampleId :
SSTD02060

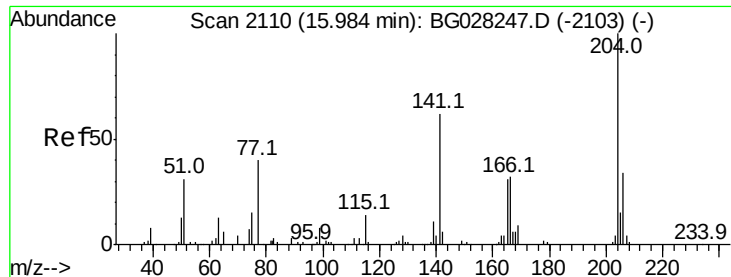
Tot Ion:149 Resp: 225768
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.5 10.2 15.4



#58
Fluorene
Concen: 19.295 ng/ul
RT: 16.00 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion:166 Resp: 200786
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 12.7 11.4 17.2

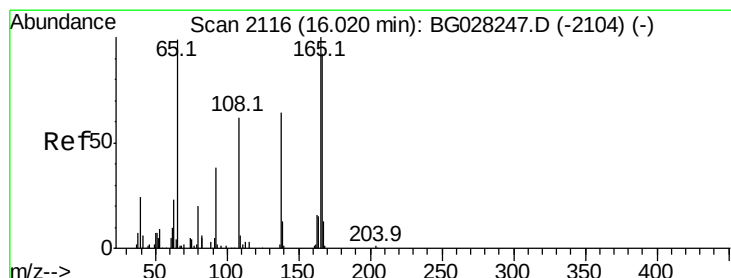
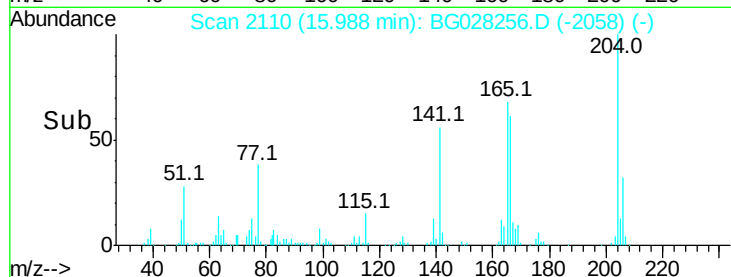
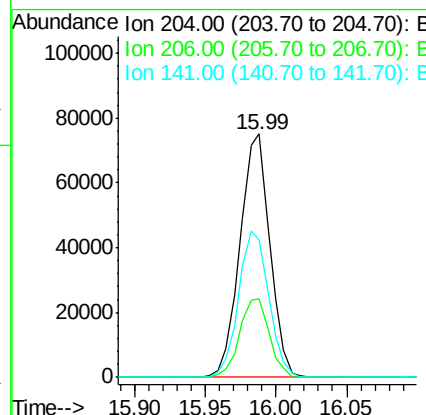
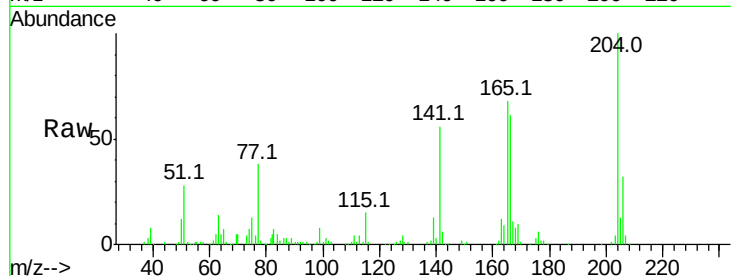




#59
4-Chlorophenyl-phenylether
Concen: 19.832 ng/ul
RT: 15.99 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

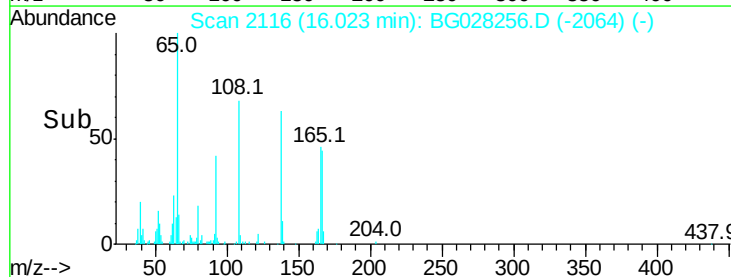
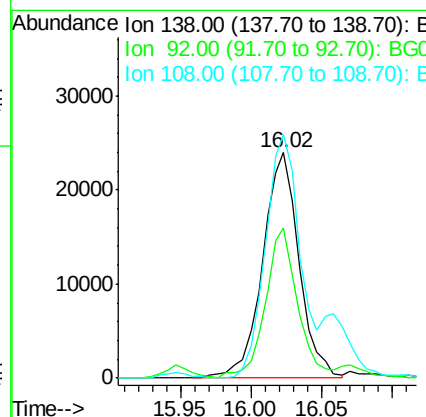
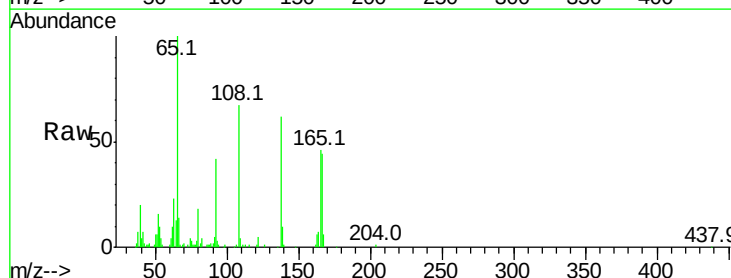
Instrument :
BNA_G
ClientSampleId :
SSTD02060

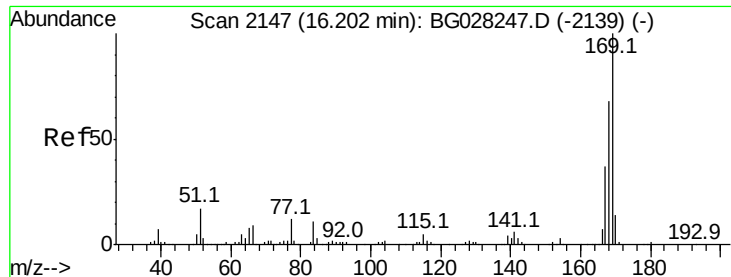
Tot Ion:204 Resp: 110722
Ion Ratio Lower Upper
204 100
206 32.2 32.3 48.5#
141 56.4 57.5 86.3#



#60
4-Nitroaniline
Concen: 19.241 ng/ul
RT: 16.02 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG028256.D
Acq: 10 Aug 2017 13:17

Tgt Ion:138 Resp: 43333
Ion Ratio Lower Upper
138 100
92 66.6 56.9 85.3
108 107.9 104.9 157.3





#64

N-Nitrosodiphenylamine

Concen: 21.015 ng/ul

RT: 16.20 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

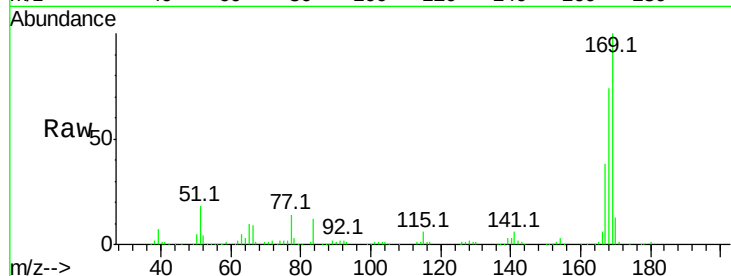
BNA_G

ClientSampleId :

SSTD02060

Tot Ion:169 Resp: 174950

Ion	Ratio	Lower	Upper
169	100		
168	73.5	59.1	88.7
167	38.3	29.7	44.5

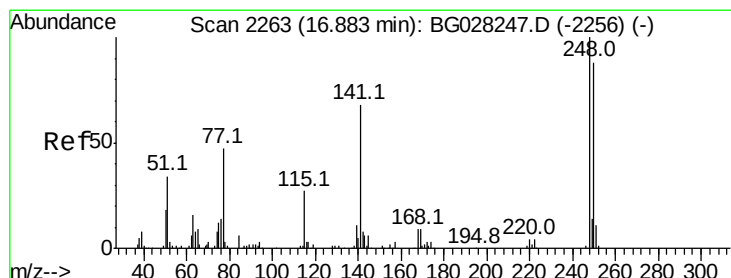
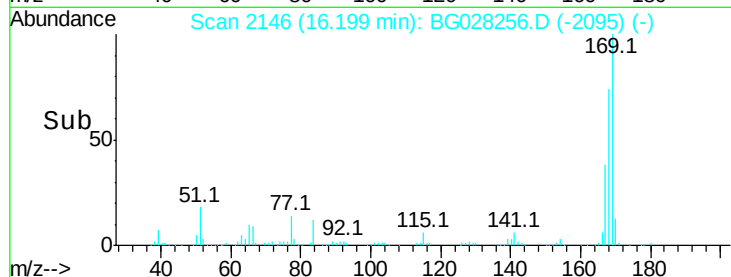
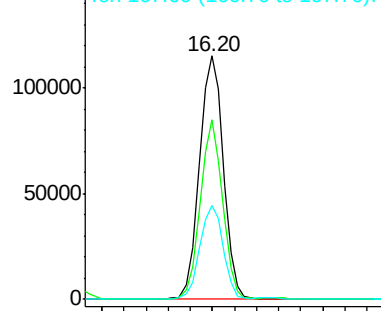


Abundance

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: 22.190 ng/ul

RT: 16.88 min Scan# 2262

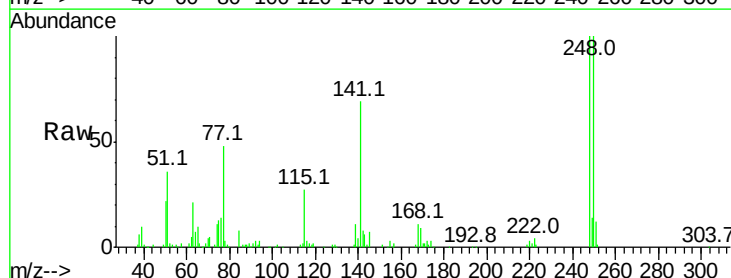
Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Tgt Ion:248 Resp: 75471

Ion	Ratio	Lower	Upper
248	100		
250	100.4	71.9	107.9
141	69.0	53.8	80.8

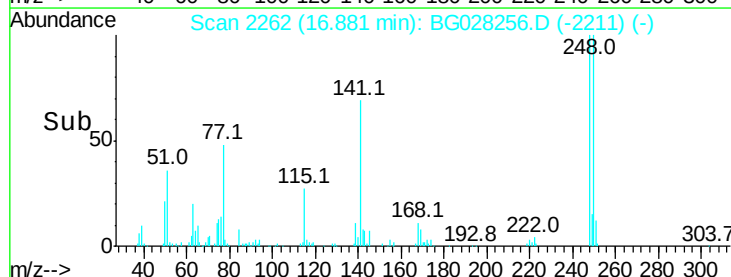
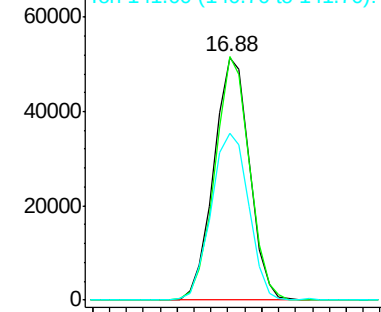


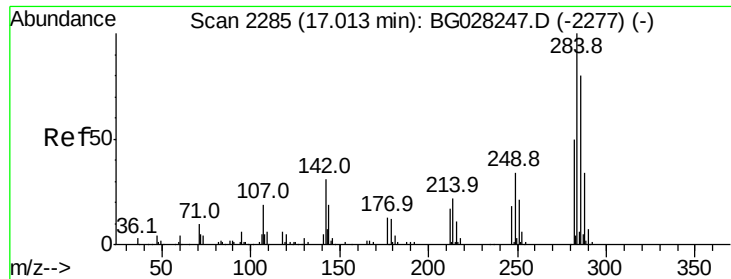
Abundance

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: 21.520 ng/ul

RT: 17.01 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

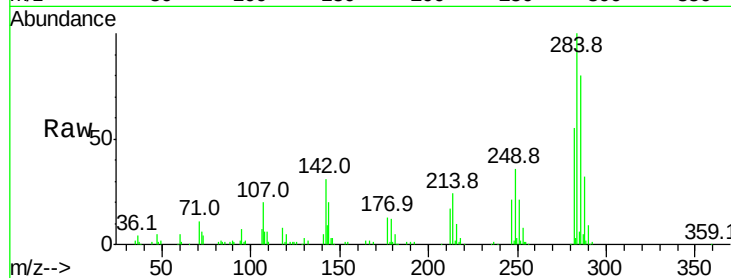
Tot Ion:284 Resp: 77916

Ion Ratio Lower Upper

284 100

142 30.9 26.1 39.1

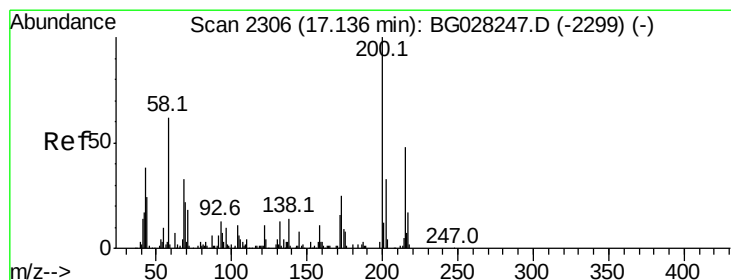
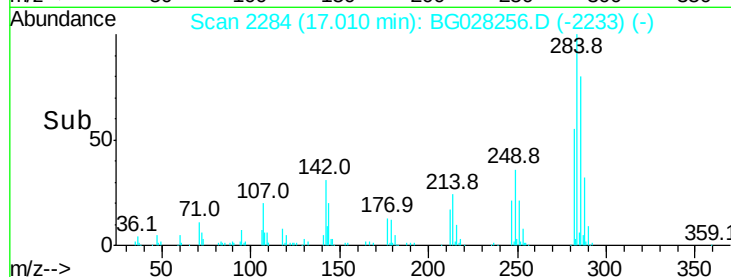
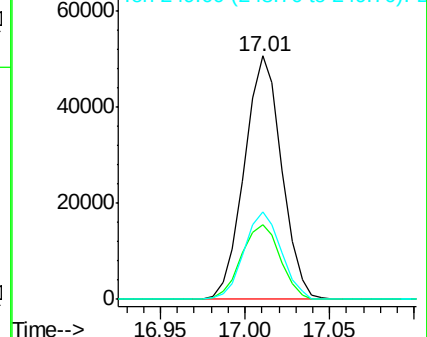
249 35.9 25.9 38.9



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: 20.828 ng/ul

RT: 17.14 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

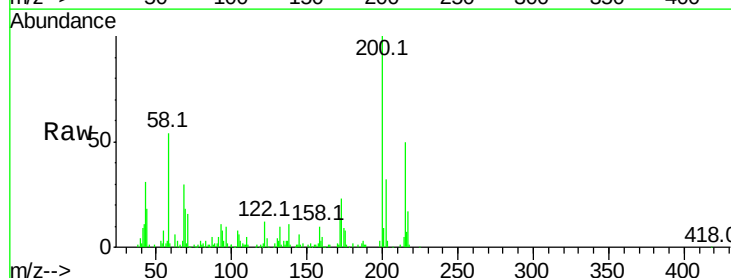
Tgt Ion:200 Resp: 75596

Ion Ratio Lower Upper

200 100

173 23.4 19.2 28.8

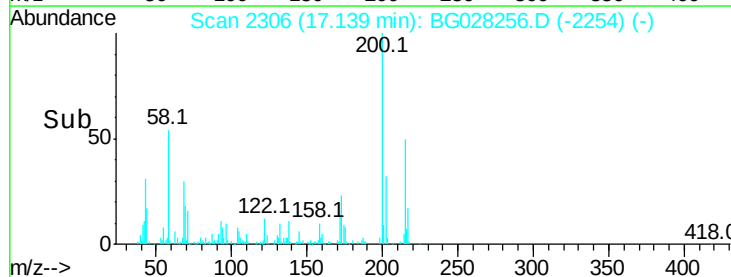
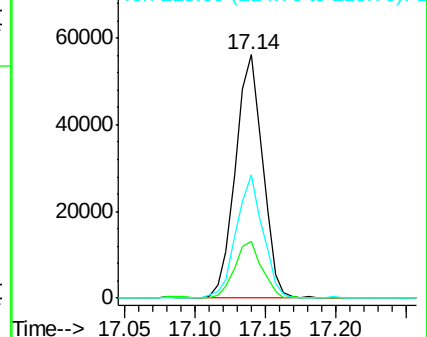
215 50.5 40.3 60.5

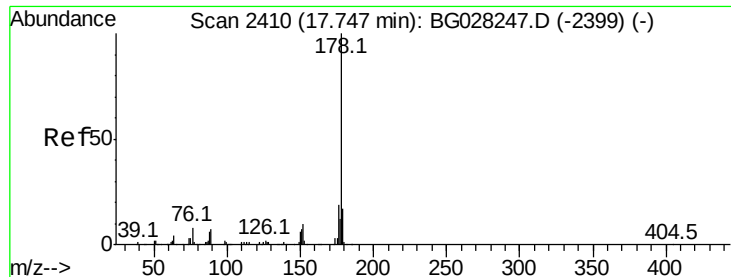


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Phenanthrene

Concen: 21.683 ng/ul

RT: 17.84 min Scan# 2425

Delta R.T. 0.09 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

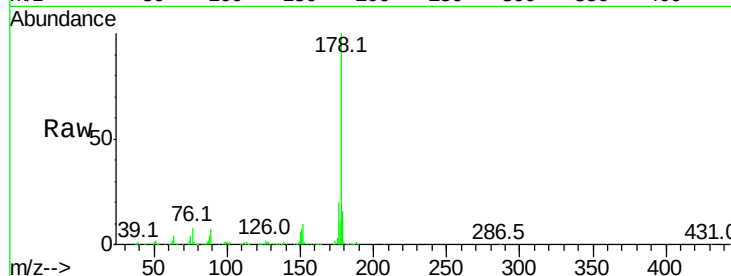
Tot Ion:178 Resp: 345300

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

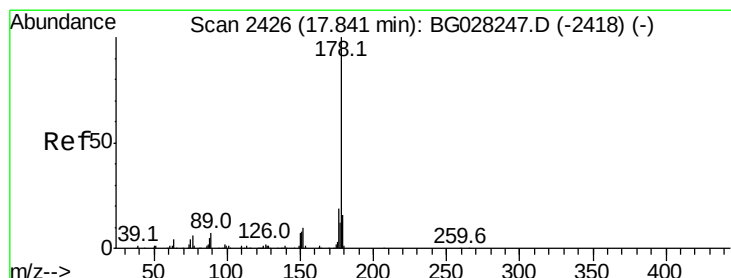
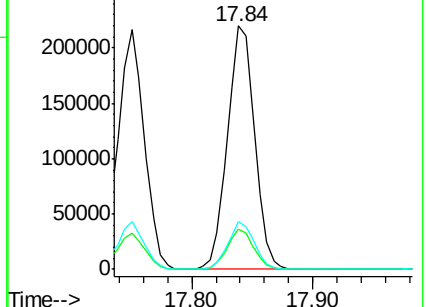
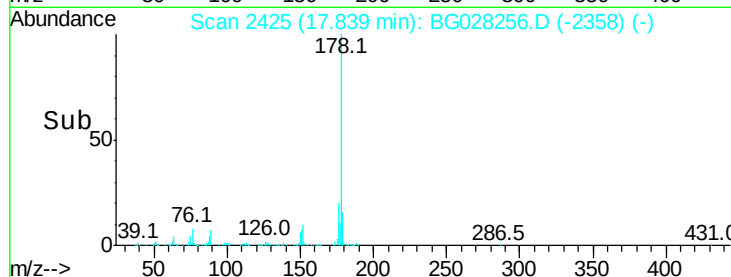
176 19.6 16.5 24.7



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: 21.215 ng/ul

RT: 17.84 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

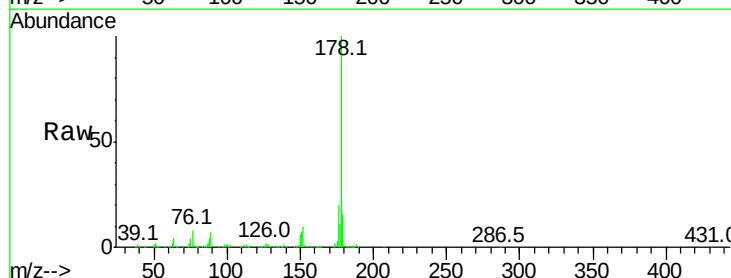
Tgt Ion:178 Resp: 345300

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

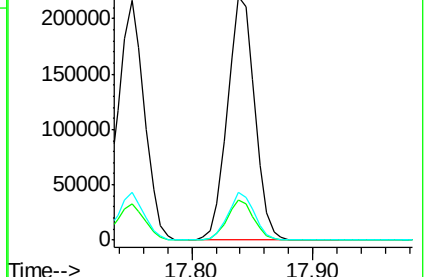
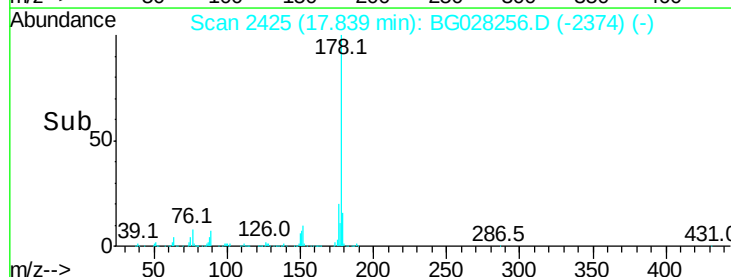
176 19.6 15.9 23.9

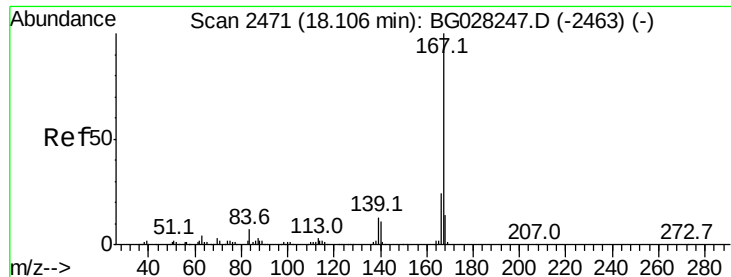


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.826 ng/ul

RT: 18.11 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

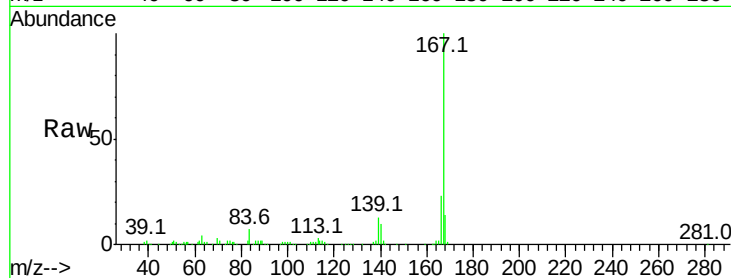
Tot Ion:167 Resp: 294793

Ion Ratio Lower Upper

167 100

166 22.7 17.9 26.9

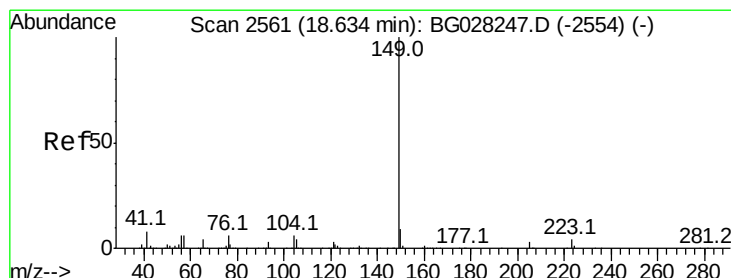
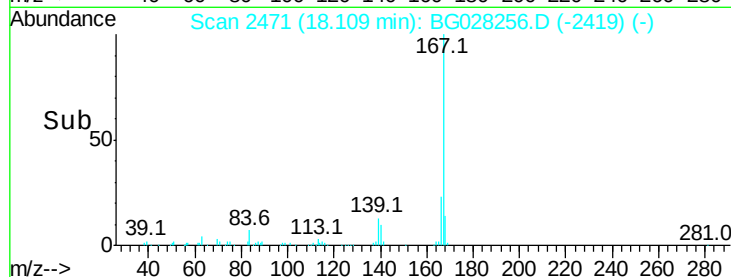
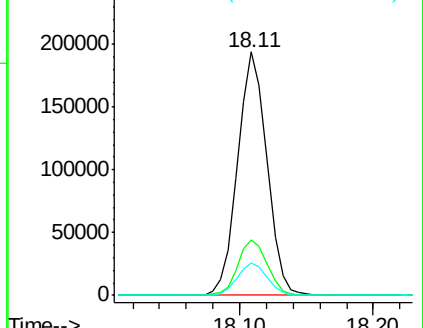
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 21.145 ng/ul

RT: 18.64 min Scan# 2561

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

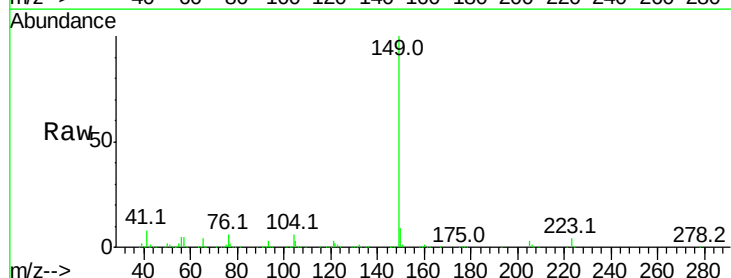
Tgt Ion:149 Resp: 372600

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

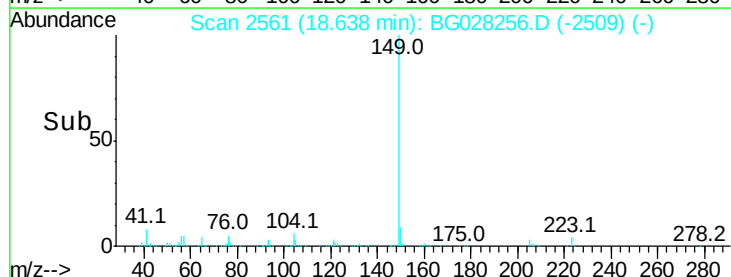
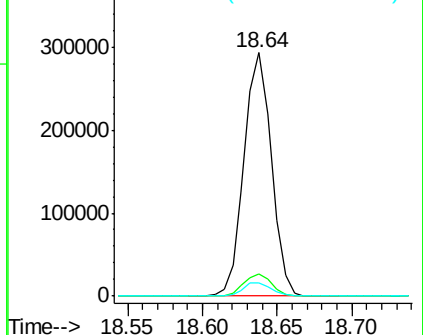
104 5.5 5.8 8.8#

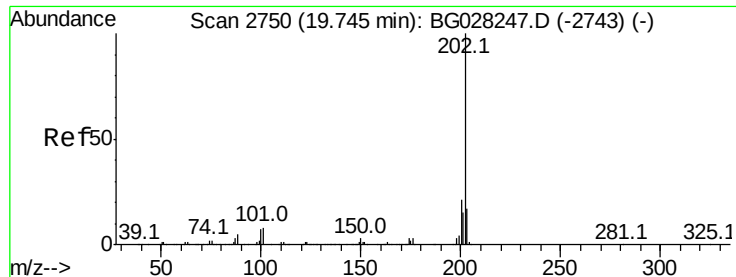


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.407 ng/ul

RT: 19.75 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

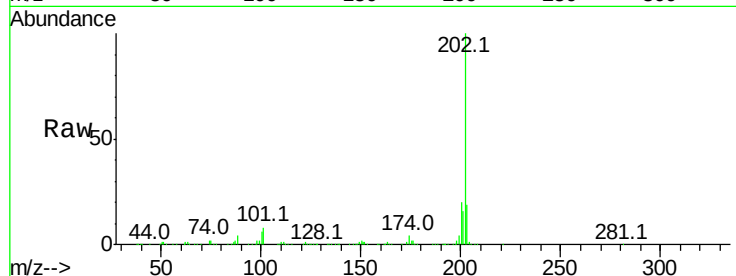
Tot Ion:202 Resp: 414311

Ion Ratio Lower Upper

202 100

101 7.5 6.2 9.2

100 6.5 5.2 7.8

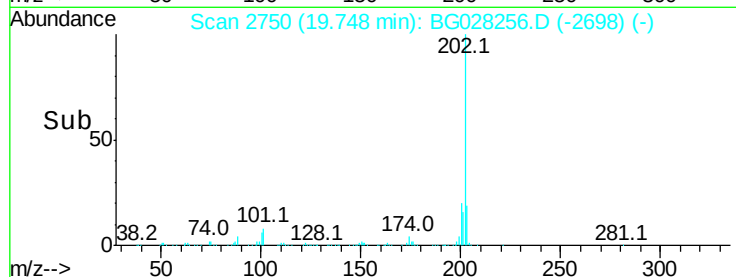


Abundance Ion 202.00 (201.70 to 202.70): E

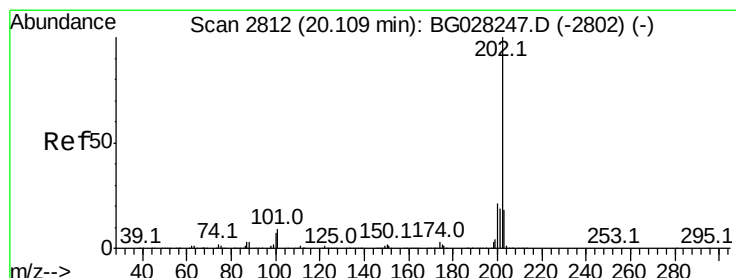
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#77

Pyrene

Concen: 18.759 ng/ul

RT: 20.11 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

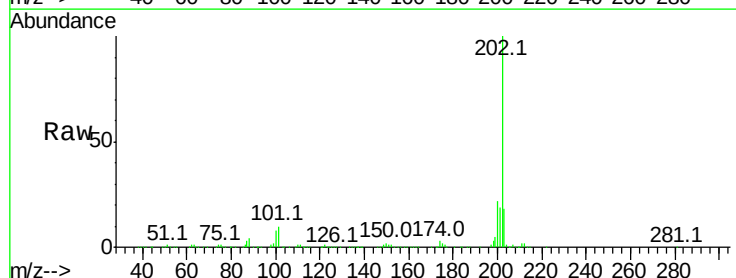
Tgt Ion:202 Resp: 438992

Ion Ratio Lower Upper

202 100

101 10.2 6.9 10.3

100 7.7 6.6 10.0

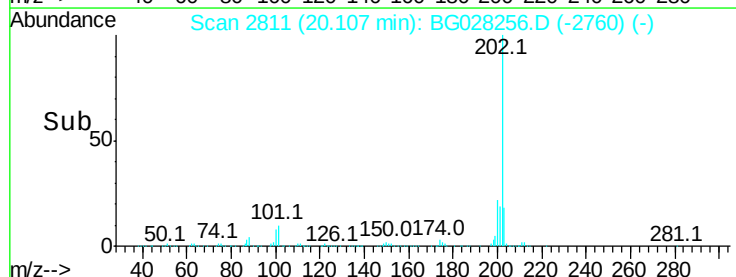


Abundance Ion 202.00 (201.70 to 202.70): E

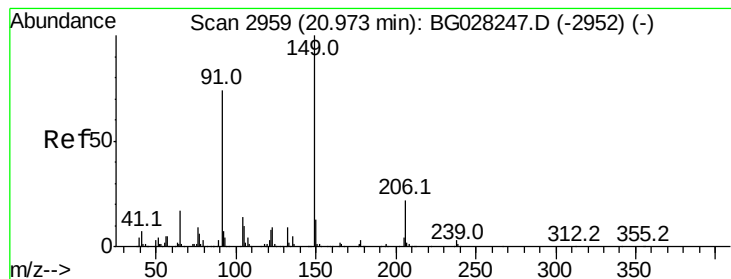
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#78

Butylbenzylphthalate

Concen: 19.653 ng/ul

RT: 20.98 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

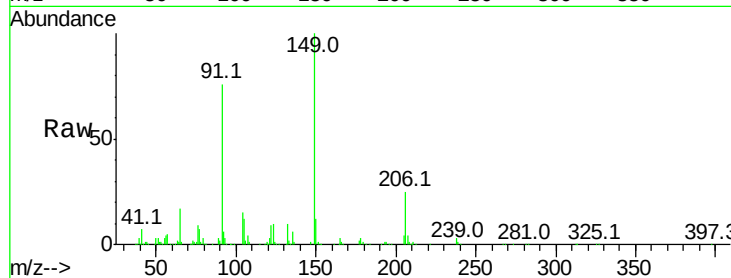
Tot Ion:149 Resp: 172299

Ion Ratio Lower Upper

149 100

91 76.2 65.8 98.6

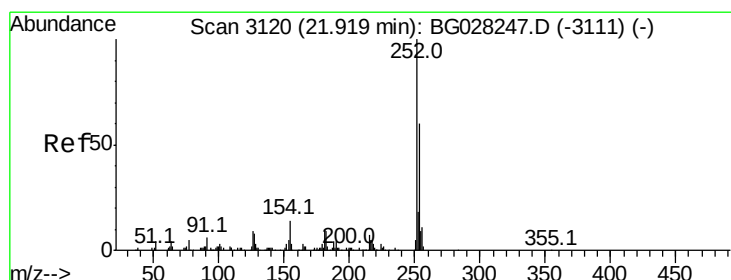
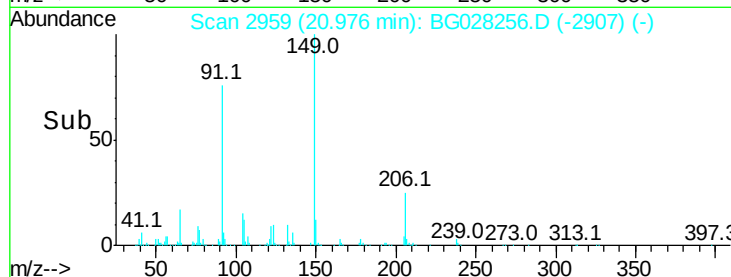
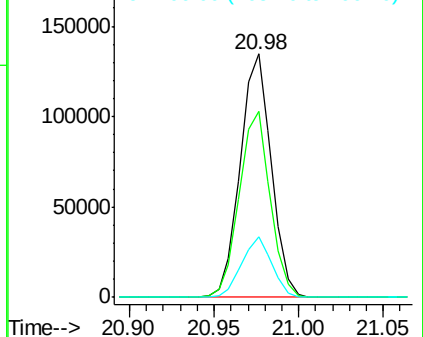
206 24.7 20.1 30.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG028247.D (-2952) (-)

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 19.820 ng/ul

RT: 21.92 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

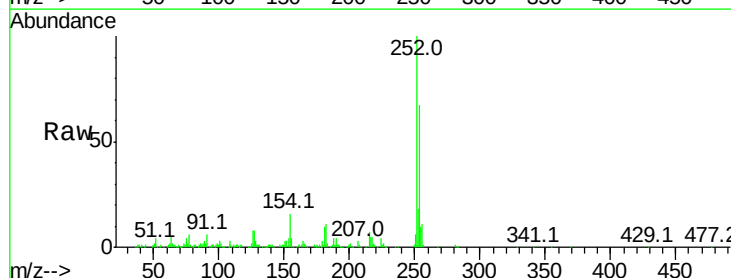
Tgt Ion:252 Resp: 149989

Ion Ratio Lower Upper

252 100

254 67.4 49.0 73.6

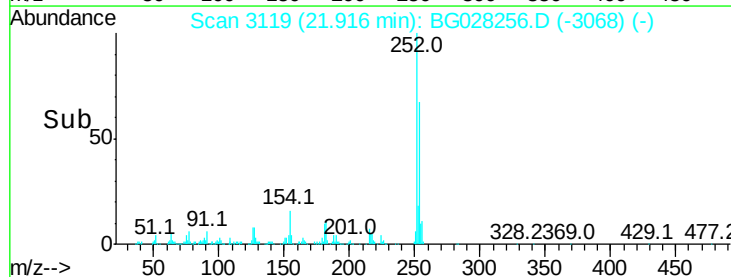
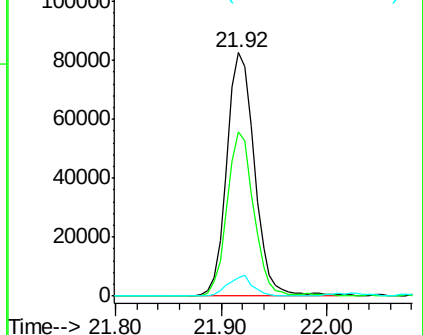
126 7.8 5.1 7.7#

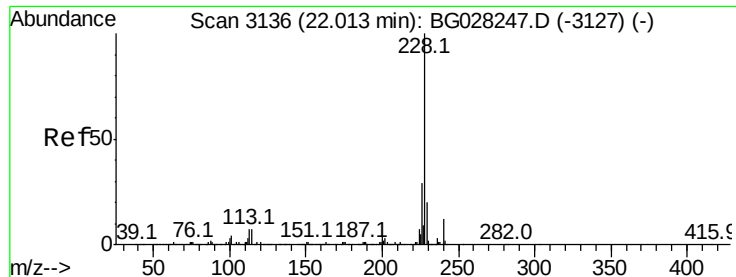


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.617 ng/ul

RT: 22.02 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

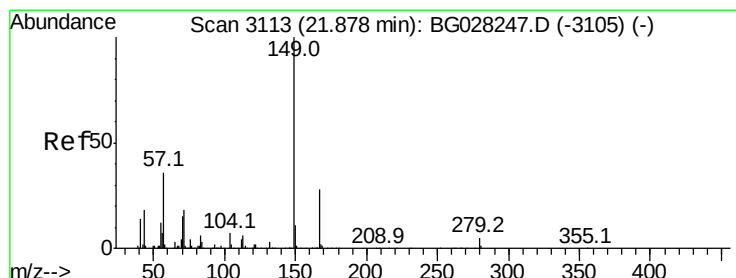
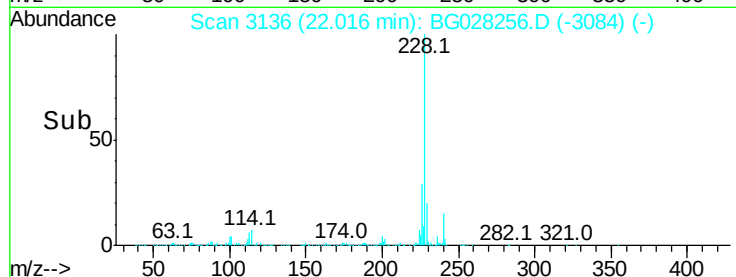
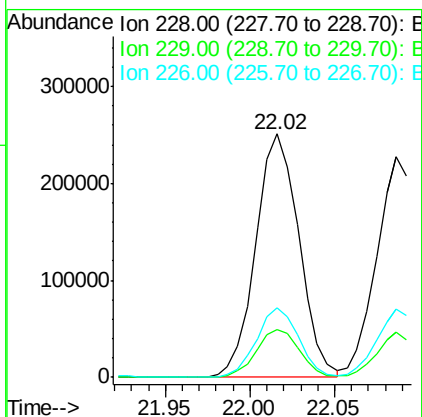
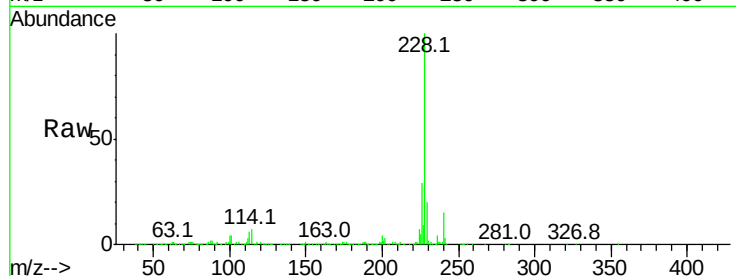
BNA_G

ClientSampleId :

SSTD02060

Tot Ion:228 Resp: 444585

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.3	24.5
226	28.7	21.9	32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.622 ng/ul

RT: 21.88 min Scan# 3112

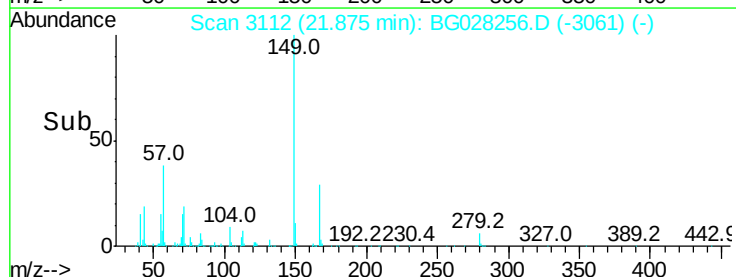
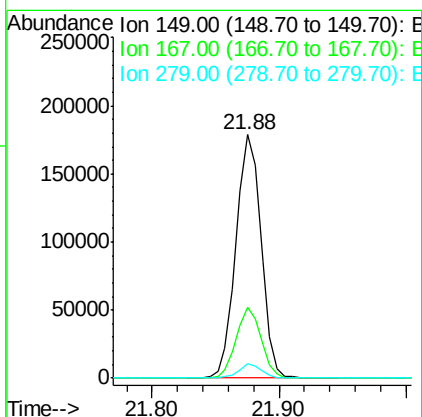
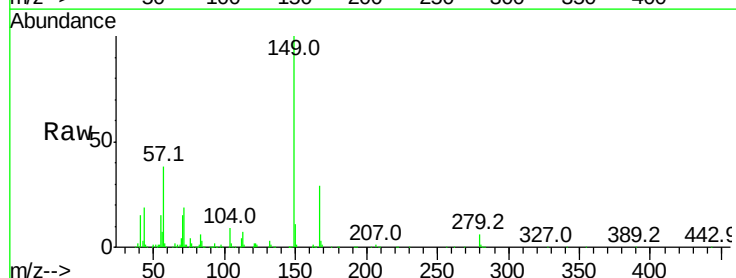
Delta R.T. -0.00 min

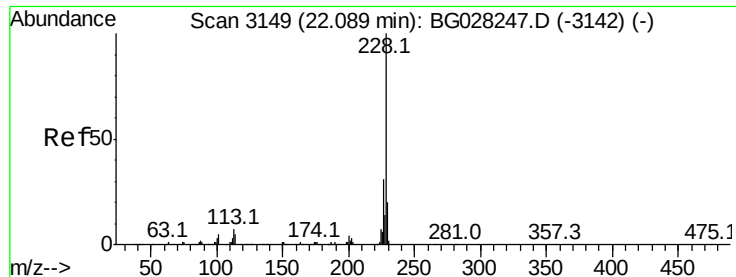
Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Tgt Ion:149 Resp: 244653

Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.8	32.8
279	5.8	4.5	6.7





#82

Chrysene

Concen: 19.736 ng/ul

RT: 22.09 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

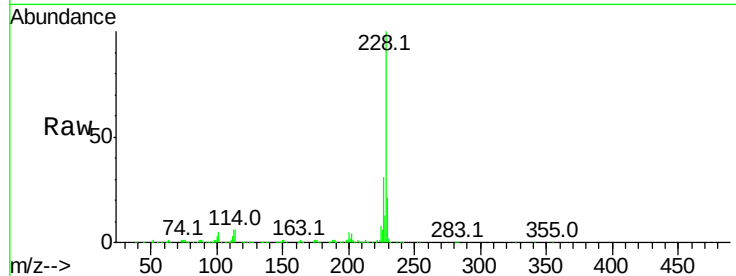
Tot Ion:228 Resp: 402830

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

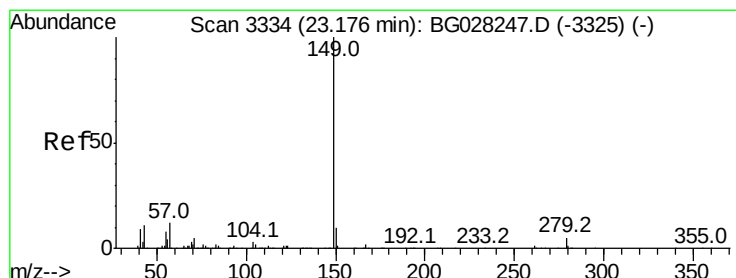
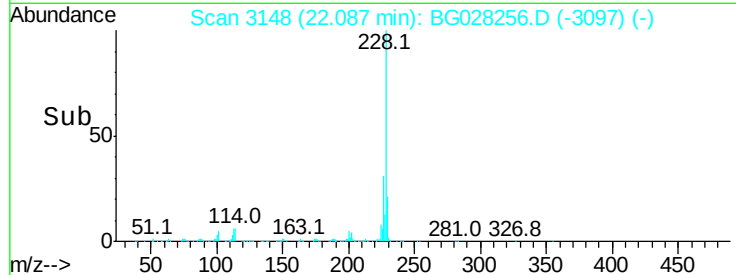
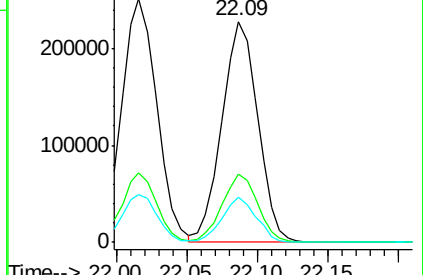
229 20.7 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.771 ng/ul

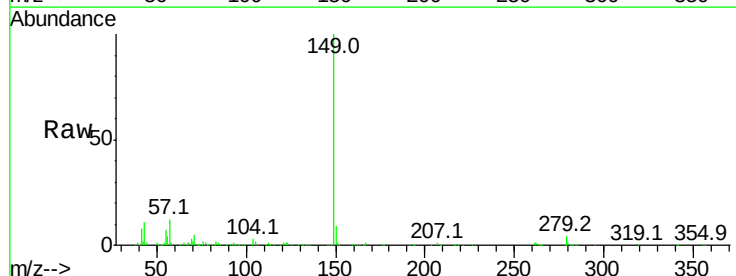
RT: 23.18 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BG028256.D

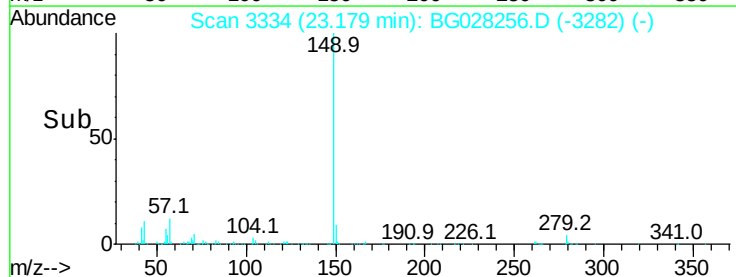
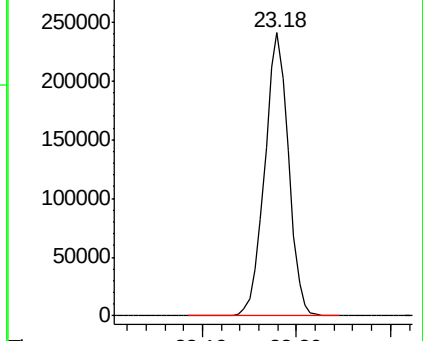
Acq: 10 Aug 2017 13:17

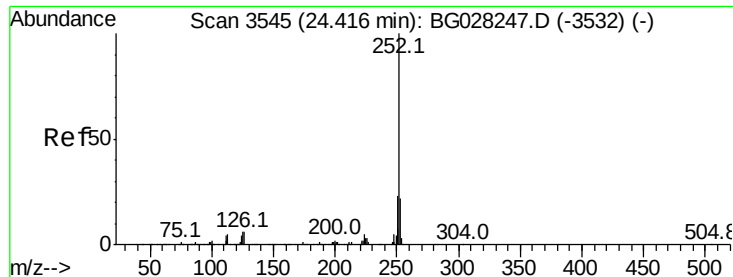
Tgt Ion:149 Resp: 420799



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.677 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

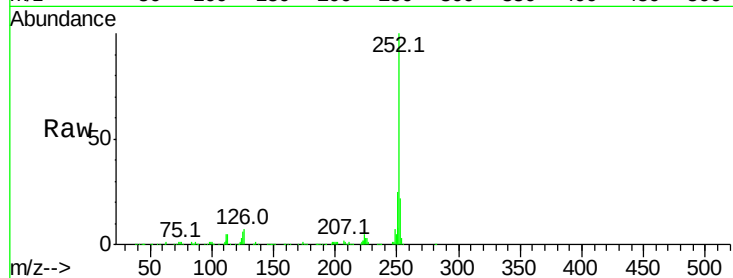
Tot Ion:252 Resp: 440463

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

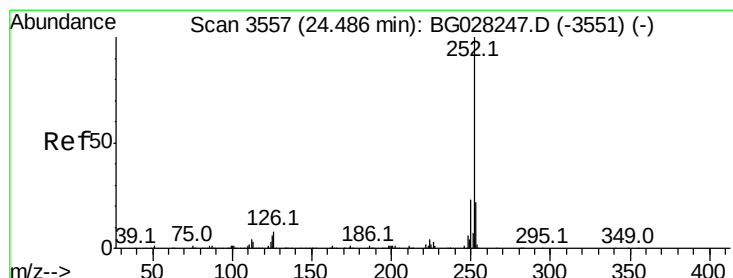
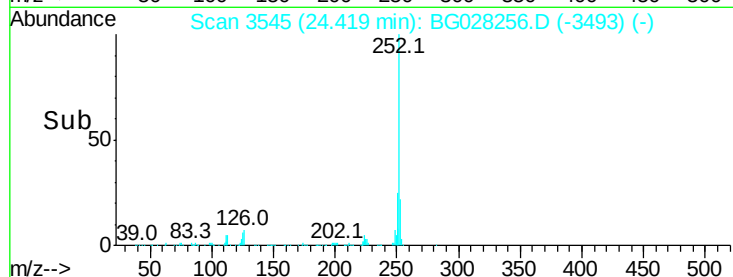
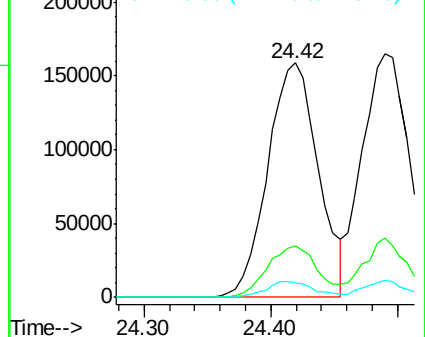
125 6.4 4.0 6.0#



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: 19.652 ng/ul

RT: 24.49 min Scan# 3557

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

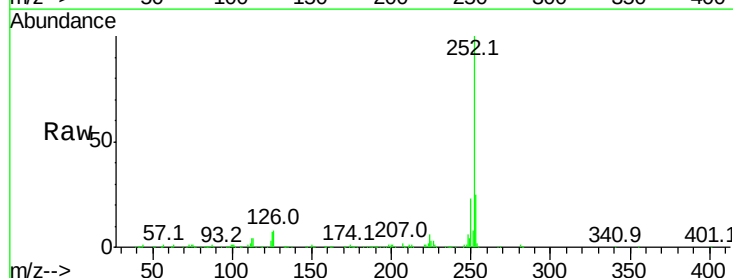
Tgt Ion:252 Resp: 429697

Ion Ratio Lower Upper

252 100

253 24.6 18.5 27.7

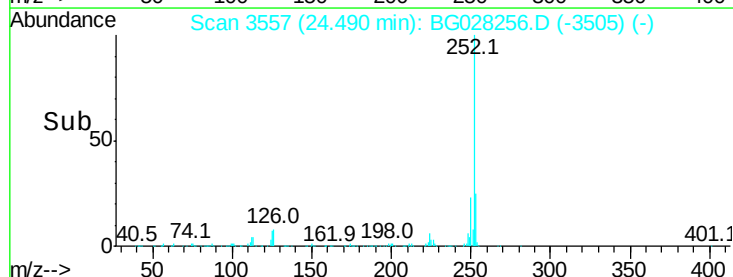
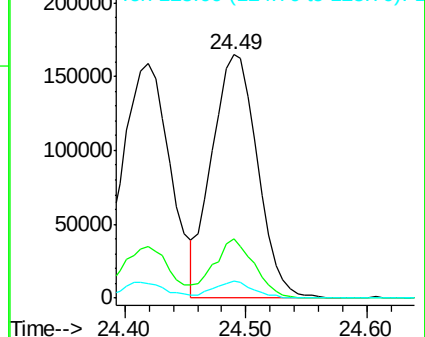
125 7.0 4.1 6.1#

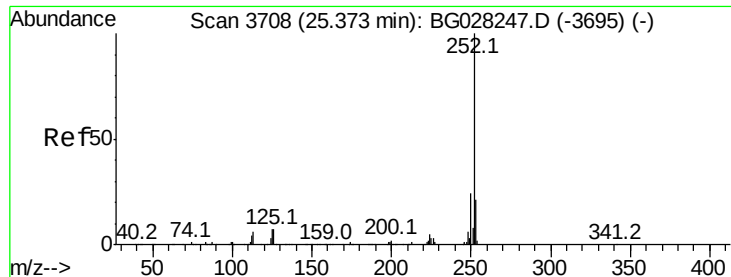


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.787 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

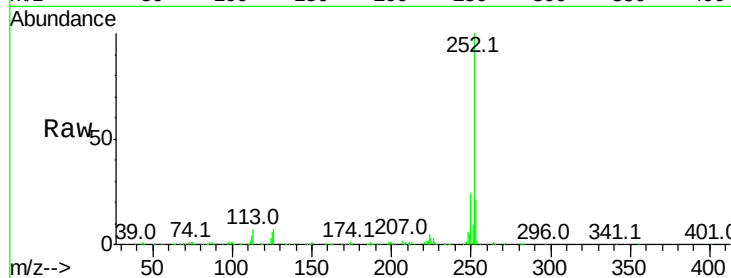
Tot Ion:252 Resp: 428867

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

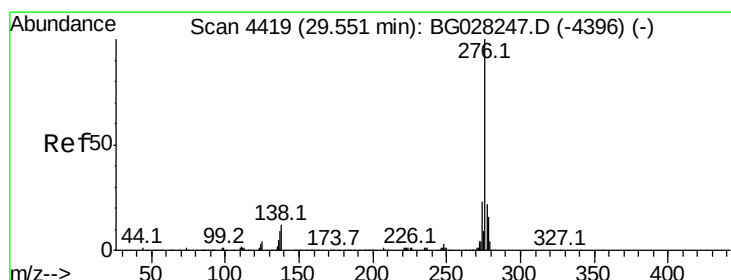
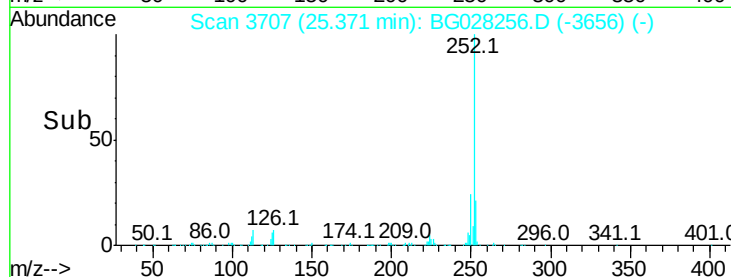
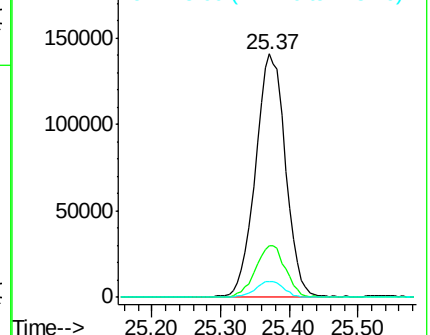
125 6.4 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.851 ng/ul

RT: 29.55 min Scan# 4419

Delta R.T. 0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

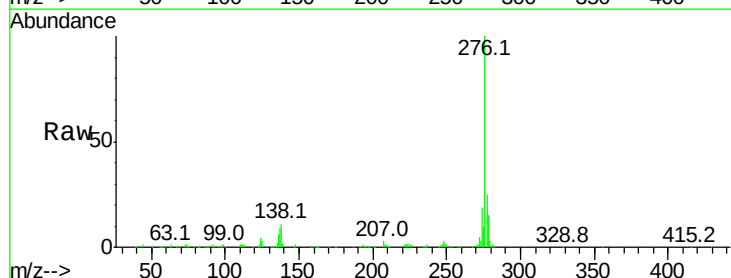
Tgt Ion:276 Resp: 503835

Ion Ratio Lower Upper

276 100

138 11.2 8.2 12.4

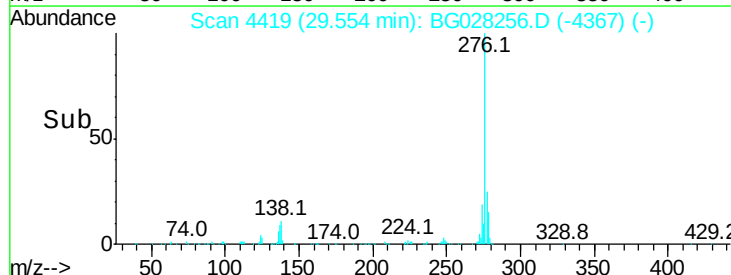
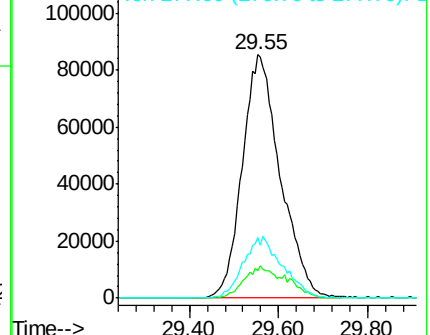
277 24.9 18.6 28.0

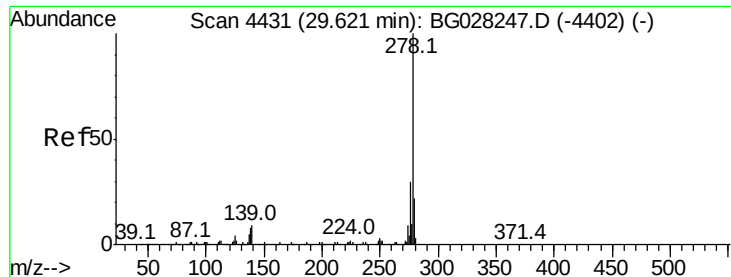


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.783 ng/ul

RT: 29.62 min Scan# 4430

Delta R.T. -0.00 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

Instrument :

BNA_G

ClientSampleId :

SSTD02060

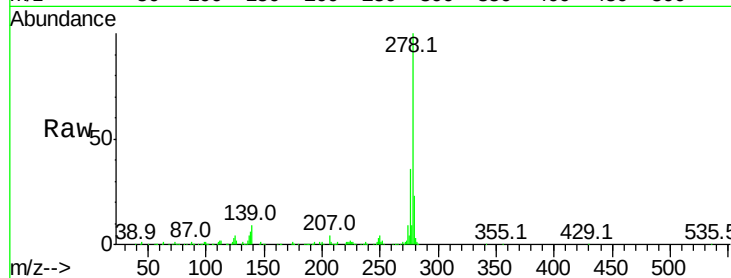
Tot Ion:278 Resp: 420845

Ion Ratio Lower Upper

278 100

139 8.6 6.7 10.1

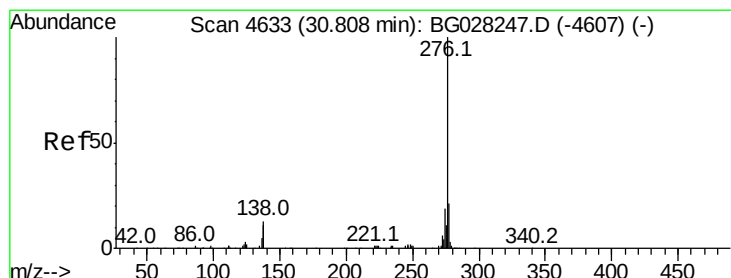
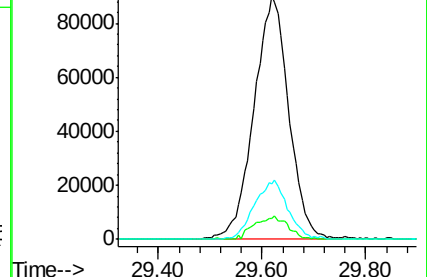
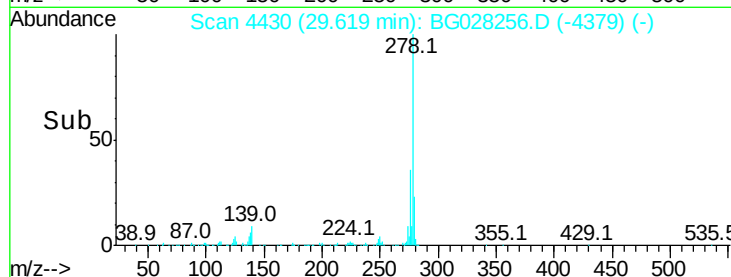
279 22.6 20.9 31.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.794 ng/ul

RT: 30.82 min Scan# 4635

Delta R.T. 0.02 min

Lab File: BG028256.D

Acq: 10 Aug 2017 13:17

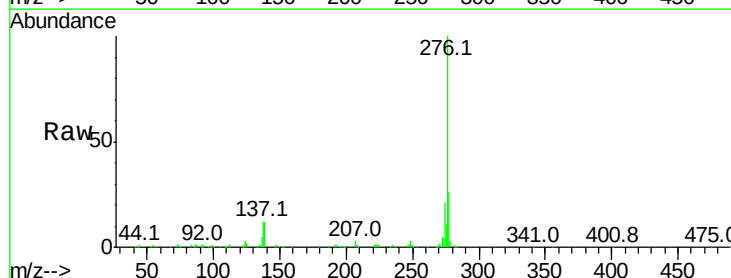
Tgt Ion:276 Resp: 413303

Ion Ratio Lower Upper

276 100

138 12.4 8.6 12.8

277 25.8 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

