

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
 Data File : BG028150.D
 Acq On : 7 Aug 2017 10:41
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

Quant Time: Aug 08 02:08:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 03 18:06:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	43154	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	193235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	134893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	346987	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	374815	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	351012	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	7294	7.87	ng/uL	0.00
5) Phenol-d5	7.51	99	82040	17.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	56273	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	60016	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	69057	17.43	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	30125	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	35205	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	67322	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	87218	22.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	248160	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	276761	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	38680	20.28	ng/ul	0.00
57) Fluorene-d10	15.96	176	210793	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43228	19.18	ng/ul	0.00
70) Anthracene-d10	17.81	188	329258	19.79	ng/ul	0.00
76) Pyrene-d10	20.09	212	363564	18.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	323644	19.70	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.88	88	8617	8.853	ng/uL# 64
4) Benzaldehyde	7.50	77	56397	20.591	ng/ul 89
6) Phenol	7.53	94	82952	17.611	ng/ul 92
8) Bis(2-Chloroethyl)ether	7.77	93	59778	18.631	ng/ul 94
10) 2-Chlorophenol	7.92	128	56506	19.394	ng/ul 97
11) 2-Methylphenol	8.79	108	61015	18.352	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.88	45	142123	18.247	ng/ul# 93
14) Acetophenone	9.18	105	101825	18.024	ng/ul 90
15) N-Nitroso-di-n-propylamine	9.15	70	63179	19.677	ng/ul 92
16) 4-Methylphenol	9.11	108	67188	17.897	ng/ul 95
17) Hexachloroethane	9.45	117	23715	19.642	ng/ul 92
20) Nitrobenzene	9.57	77	87382	19.977	ng/ul 97
21) Isophorone	10.08	82	169589	20.408	ng/ul 98
23) 2-Nitrophenol	10.28	139	33612	20.097	ng/ul 90
24) 2,4-Dimethylphenol	10.33	107	82462	19.836	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.56	93	90225	19.932	ng/ul# 90
27) 2,4-Dichlorophenol	10.82	162	60824	19.493	ng/ul 96
28) Naphthalene	11.23	128	191104	19.968	ng/ul 98
30) 4-Chloroaniline	11.33	127	82262	22.242	ng/ul 91
31) Hexachlorobutadiene	11.50	225	45003	19.539	ng/ul# 79
32) Caprolactam	12.10	113	26178	20.175	ng/ul 85
33) 4-Chloro-3-methylphenol	12.43	107	79565	19.977	ng/ul 98
34) 2-Methylnaphthalene	12.81	142	151550	19.715	ng/ul 94

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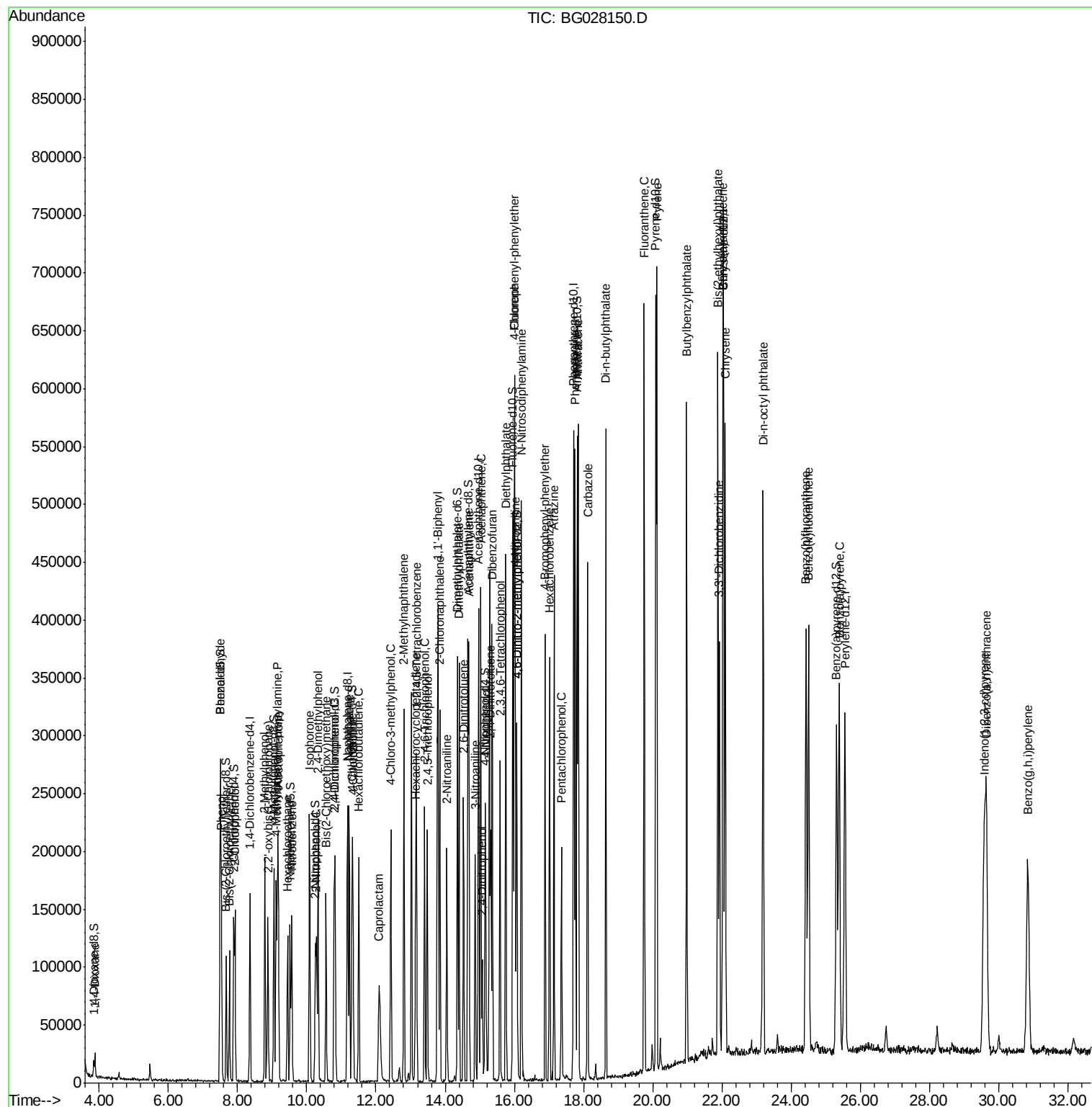
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	87508	20.126	ng/ul	97
37) Hexachlorocyclopentadiene	13.15	237	45546	18.984	ng/ul	94
38) 2,4,6-Trichlorophenol	13.41	196	59926	22.113	ng/ul	95
39) 2,4,5-Trichlorophenol	13.48	196	61777	20.914	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	200472	20.348	ng/ul	95
41) 2-Chloronaphthalene	13.85	162	158400	20.345	ng/ul	98
42) 2-Nitroaniline	14.05	65	68401	20.954	ng/ul	98
44) Dimethylphthalate	14.40	163	224772	20.347	ng/ul	97
45) 2,6-Dinitrotoluene	14.53	165	47457	20.807	ng/ul	96
47) Acenaphthylene	14.69	152	263127	20.354	ng/ul	98
48) 3-Nitroaniline	14.87	138	43536	21.198	ng/ul#	90
49) Acenaphthene	15.03	153	175000	20.064	ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	24365	18.960	ng/ul	95
52) 4-Nitrophenol	15.17	109	36687	18.561	ng/ul#	77
53) Dibenzofuran	15.36	168	257134	20.220	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	68706	19.877	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.59	232	55609	20.214	ng/ul#	88
56) Diethylphthalate	15.76	149	247624	19.108	ng/ul	99
58) Fluorene	16.01	166	223986	19.894	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	116587	19.301	ng/ul	86
60) 4-Nitroaniline	16.03	138	49861	20.463	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.08	198	44210	19.343	ng/ul#	97
64) N-Nitrosodiphenylamine	16.20	169	185672	20.340	ng/ul	98
65) 4-Bromophenyl-phenylether	16.89	248	76432	20.494	ng/ul	93
66) Hexachlorobenzene	17.02	284	79653	20.063	ng/ul	99
67) Atrazine	17.14	200	76829	19.304	ng/ul	98
68) Pentachlorophenol	17.36	266	36750	18.275	ng/ul	95
69) Phenanthrene	17.76	178	352742	20.200	ng/ul	99
71) Anthracene	17.85	178	369223	20.688	ng/ul	99
72) Carbazole	18.12	167	313161	20.176	ng/ul	99
73) Di-n-butylphthalate	18.64	149	385315	19.942	ng/ul#	96
74) Fluoranthene	19.75	202	417525	19.674	ng/ul	99
77) Pyrene	20.12	202	433922	19.405	ng/ul	98
78) Butylbenzylphthalate	20.98	149	173931	20.762	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.93	252	140414	19.417	ng/ul	99
80) Benzo(a)anthracene	22.03	228	425022	19.626	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	241763	20.292	ng/ul	100
82) Chrysene	22.10	228	380604	19.514	ng/ul	97
84) Di-n-octyl phthalate	23.19	149	417826	19.863	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	414932	19.754	ng/ul	97
86) Benzo(k)fluoranthene	24.50	252	400173	19.504	ng/ul	97
88) Benzo(a)pyrene	25.39	252	396293	19.486	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.58	276	457788	19.222	ng/ul#	96
90) Dibenzo(a,h)anthracene	29.65	278	387794	19.427	ng/ul	93
91) Benzo(g,h,i)perylene	30.84	276	379373	19.363	ng/ul#	93

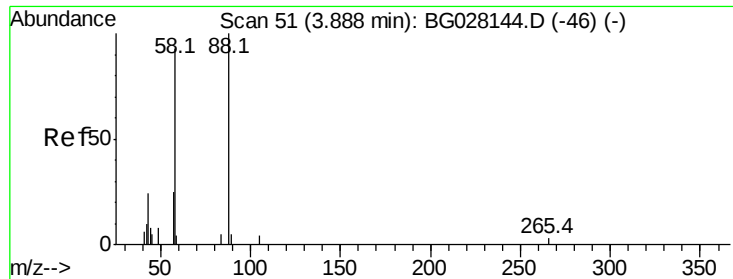
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
Client Sample Id :
SSTD02098

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#2

1,4-Dioxane

Concen: 8.853 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

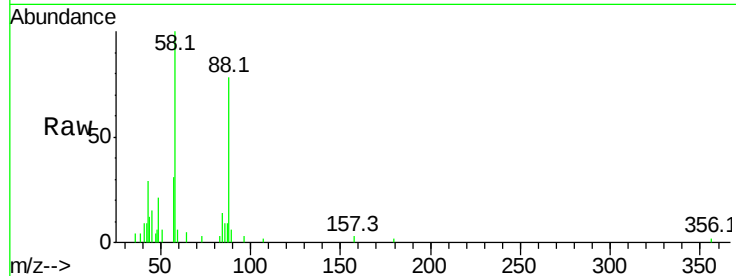
Tot Ion: 88 Resp: 8617

Ion Ratio Lower Upper

88 100

43 37.0 39.2 58.8#

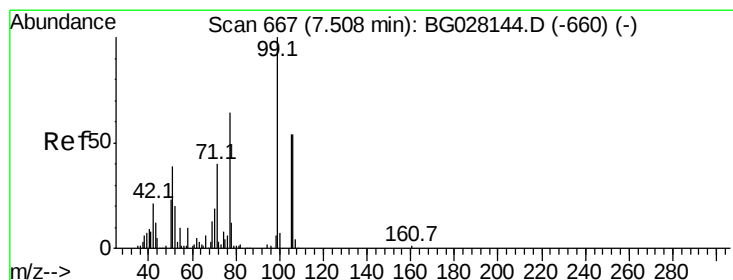
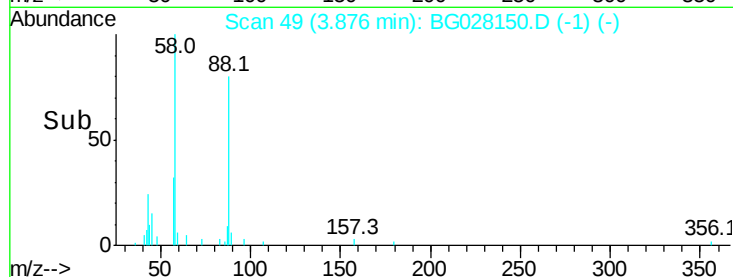
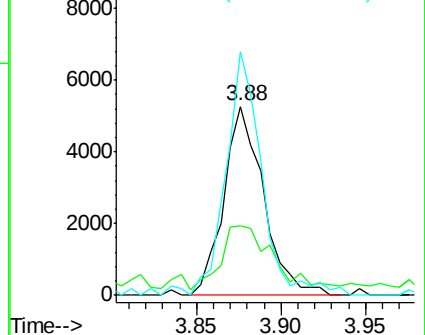
58 129.0 69.4 104.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 20.591 ng/uL

RT: 7.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

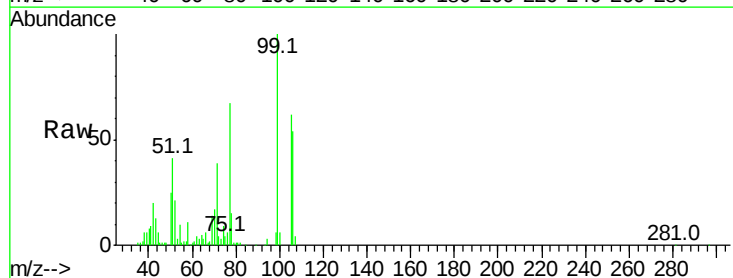
Tgt Ion: 77 Resp: 56397

Ion Ratio Lower Upper

77 100

105 91.8 62.0 93.0

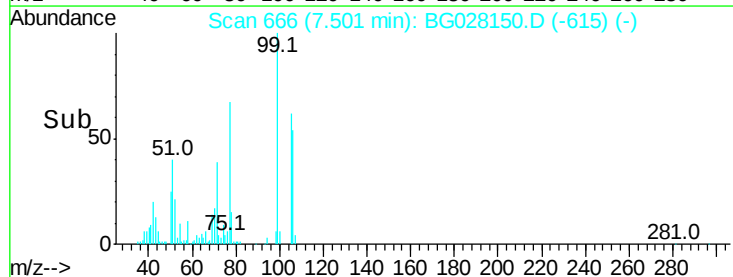
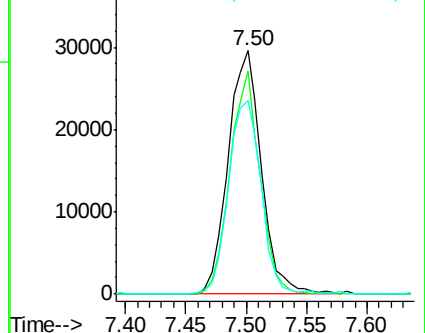
106 79.5 60.2 90.4

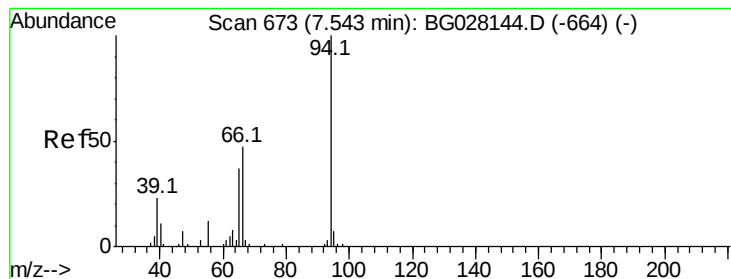


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





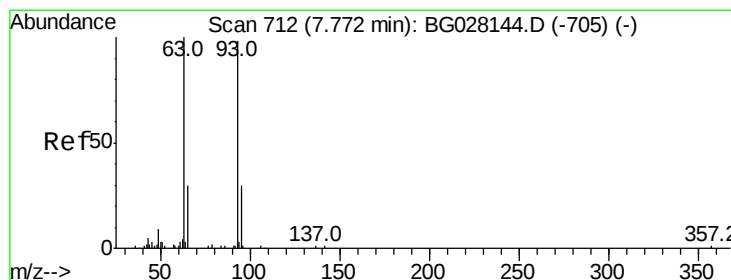
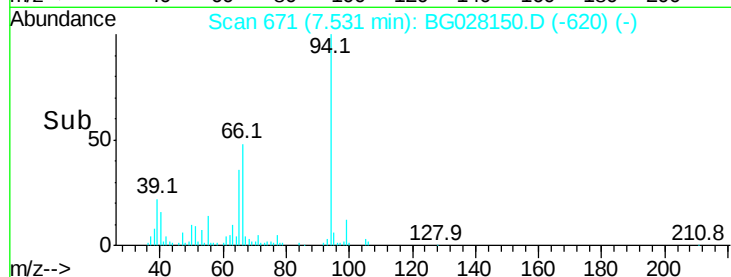
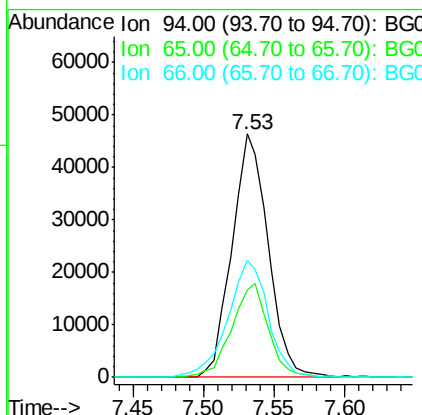
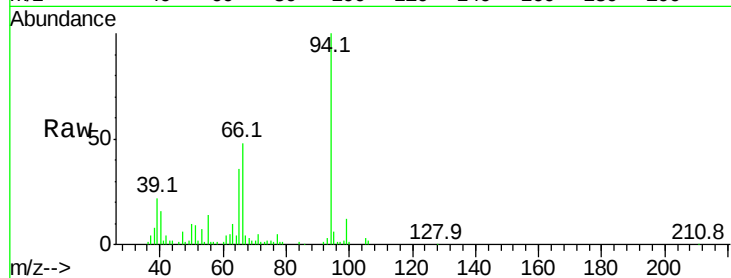
#6

Phenol

Concen: 17.611 ng/ul
 RT: 7.53 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

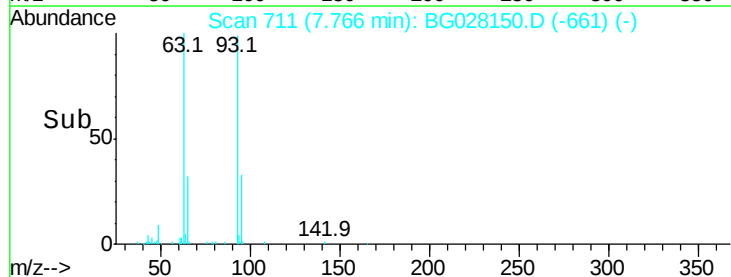
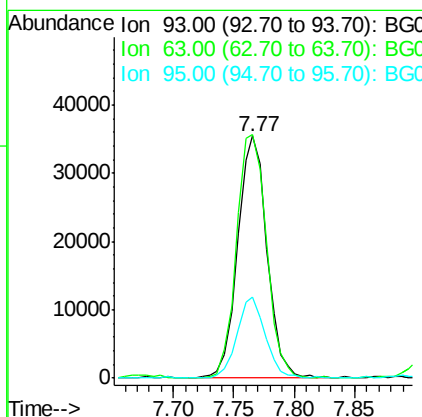
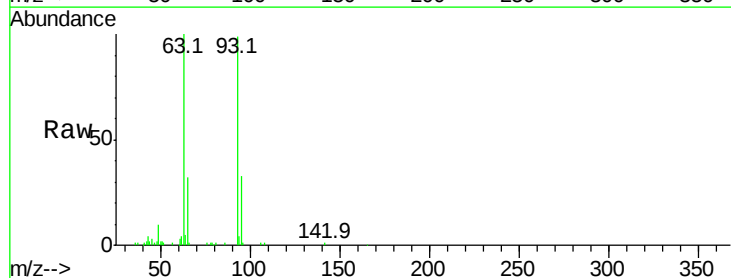
Tot Ion: 94 Resp: 82952
 Ion Ratio Lower Upper
 94 100
 65 35.9 26.8 40.2
 66 48.3 44.4 66.6

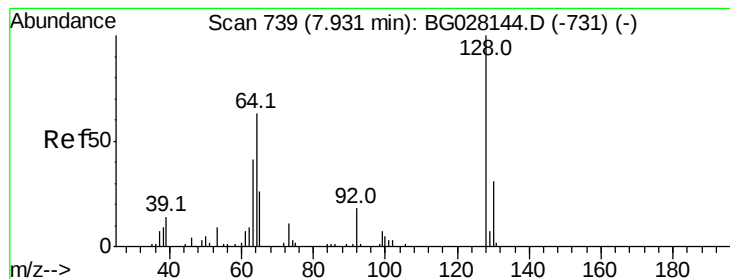


#8

Bis(2-Chloroethyl)ether
 Concen: 18.631 ng/ul
 RT: 7.77 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion: 93 Resp: 59778
 Ion Ratio Lower Upper
 93 100
 63 100.7 75.5 113.3
 95 33.3 29.2 43.8





#10

2-Chlorophenol

Concen: 19.394 ng/ul

RT: 7.92 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

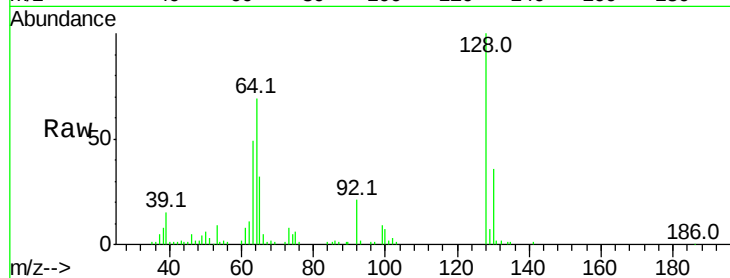
Tot Ion:128 Resp: 56506

Ion Ratio Lower Upper

128 100

64 69.3 56.3 84.5

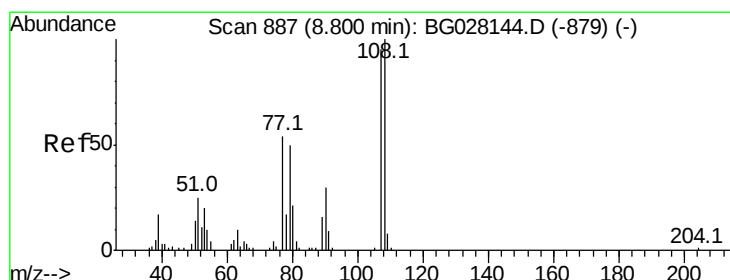
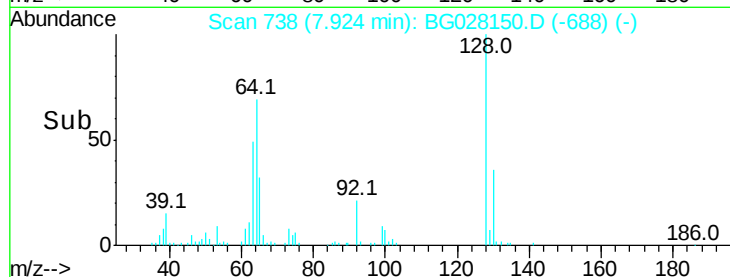
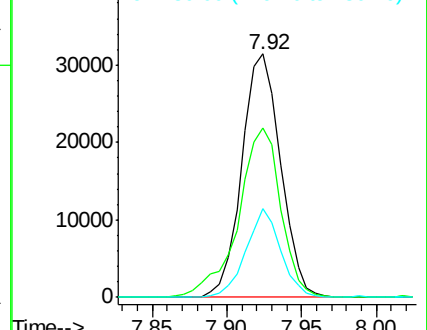
130 36.3 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.352 ng/ul

RT: 8.79 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG028150.D

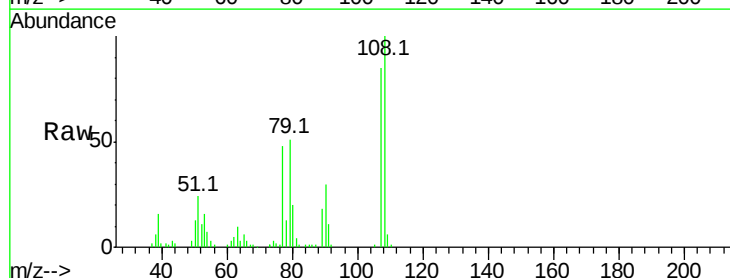
Acq: 7 Aug 2017 10:41

Tgt Ion:108 Resp: 61015

Ion Ratio Lower Upper

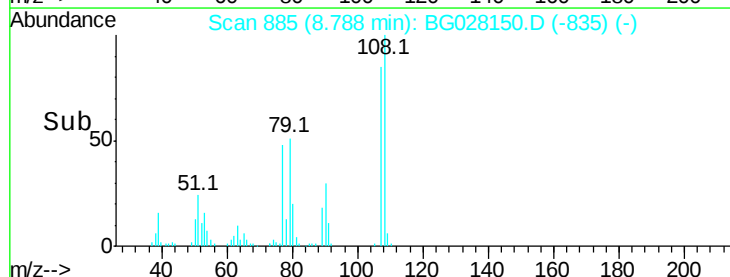
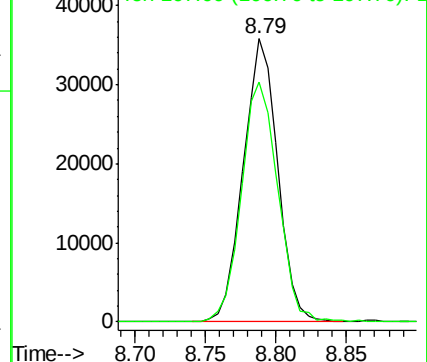
108 100

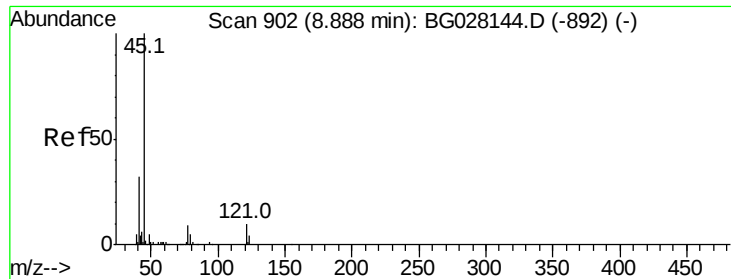
107 84.8 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

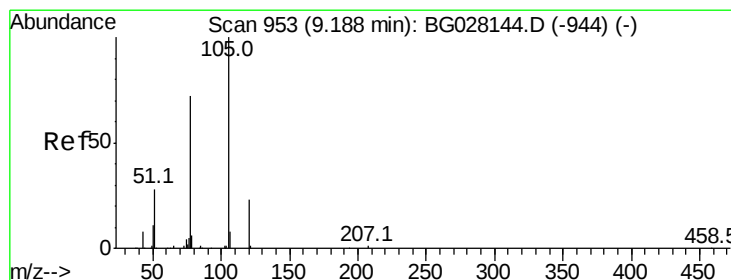
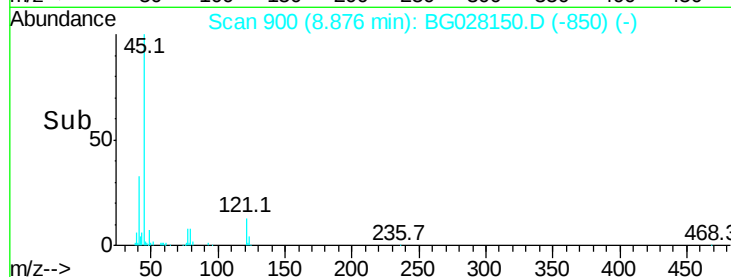
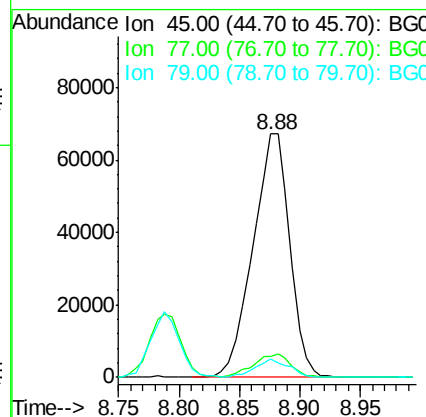
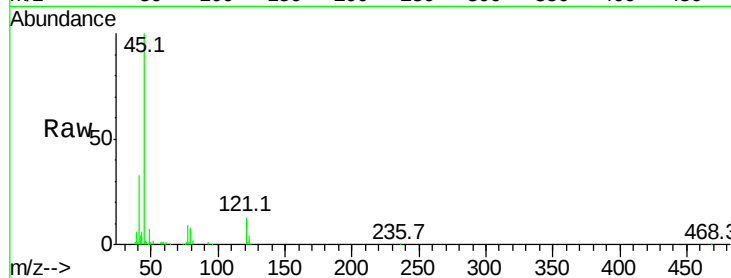




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.247 ng/ul
RT: 8.88 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

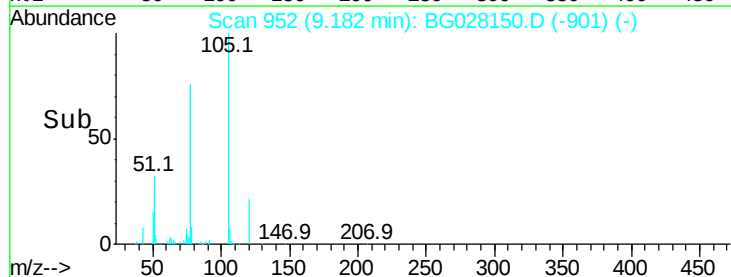
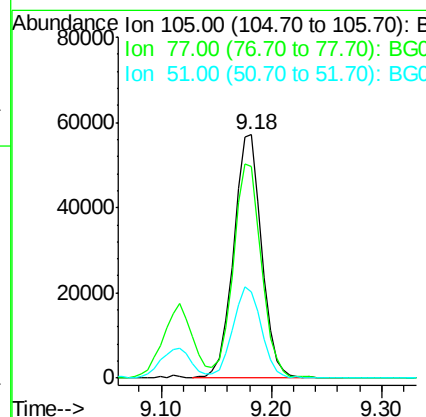
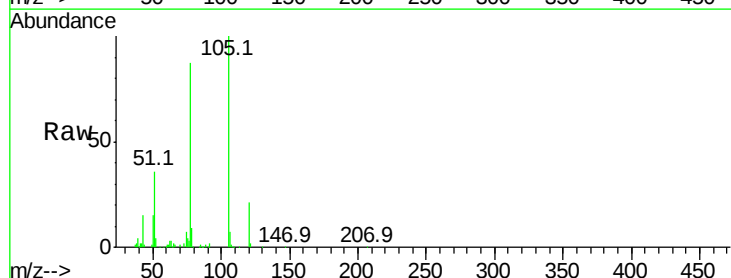
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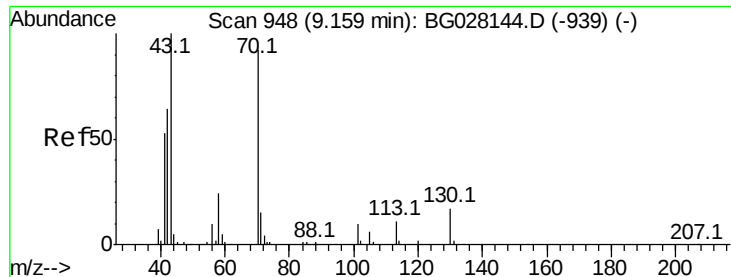
Tot Ion: 45 Resp: 142123
Ion Ratio Lower Upper
45 100
77 8.7 10.0 15.0#
79 7.5 7.3 10.9



#14
Acetophenone
Concen: 18.024 ng/ul
RT: 9.18 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

Tgt Ion:105 Resp: 101825
Ion Ratio Lower Upper
105 100
77 87.0 76.0 114.0
51 35.6 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.677 ng/ul

RT: 9.15 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

Tot Ion: 70 Resp: 63179

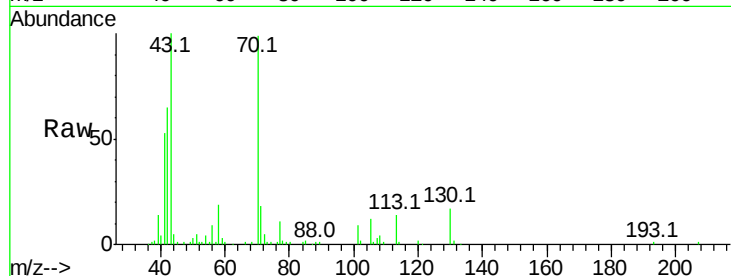
Ion Ratio Lower Upper

70 100

42 65.4 59.0 88.6

101 8.8 6.6 9.8

130 17.3 15.6 23.4

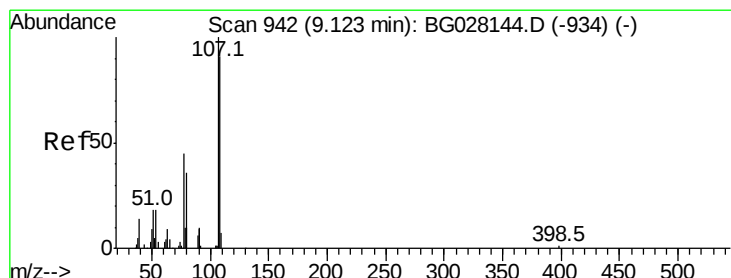
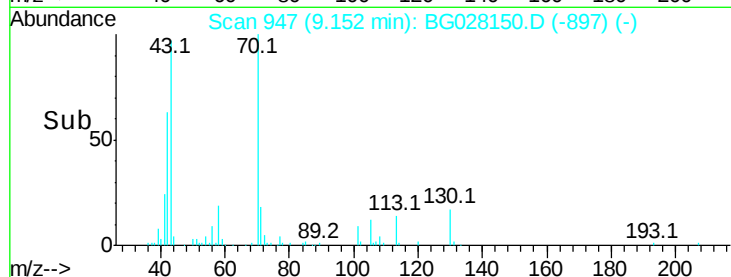
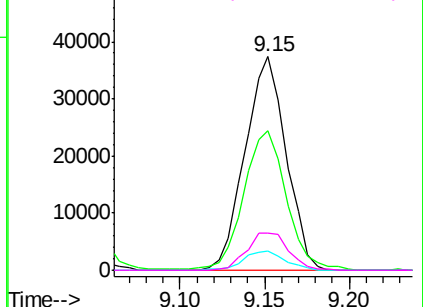


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 17.897 ng/ul

RT: 9.11 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG028150.D

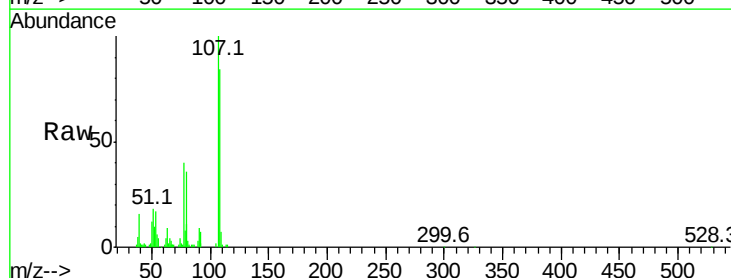
Acq: 7 Aug 2017 10:41

Tgt Ion: 108 Resp: 67188

Ion Ratio Lower Upper

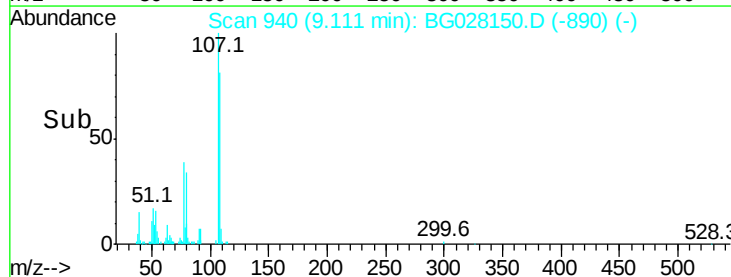
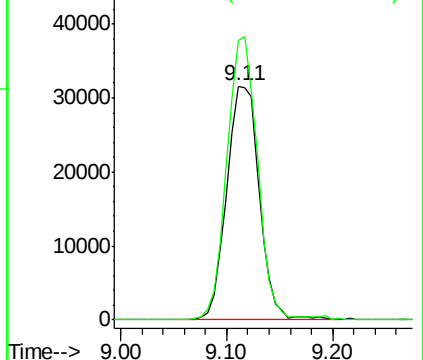
108 100

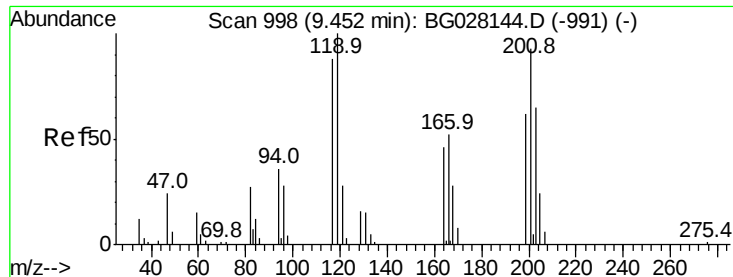
107 119.7 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC





#17

Hexachloroethane

Concen: 19.642 ng/ul

RT: 9.45 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

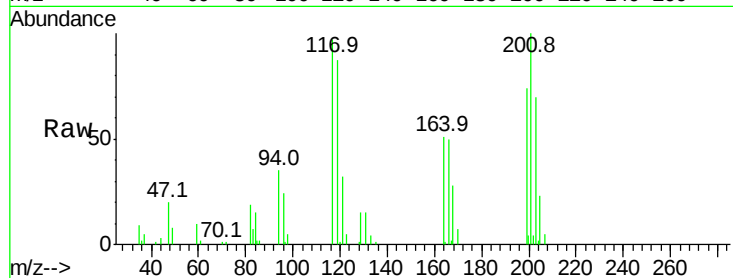
Tot Ion:117 Resp: 23715

Ion Ratio Lower Upper

117 100

201 103.6 91.9 137.9

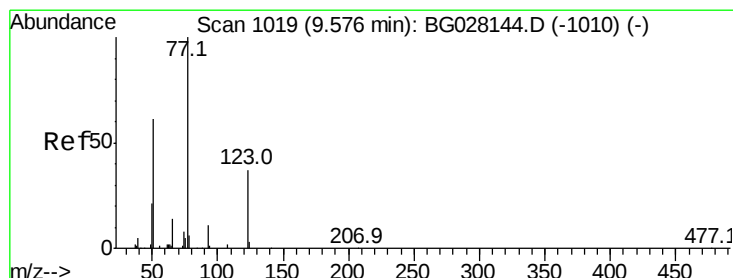
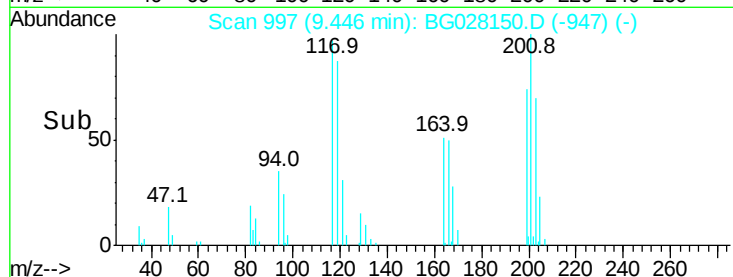
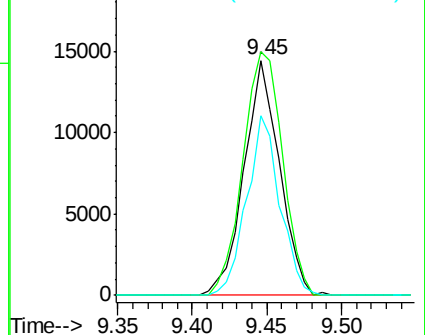
199 76.4 64.3 96.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.977 ng/ul

RT: 9.57 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

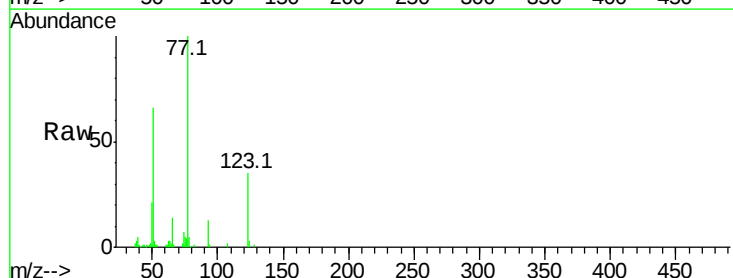
Tgt Ion: 77 Resp: 87382

Ion Ratio Lower Upper

77 100

123 35.4 27.4 41.0

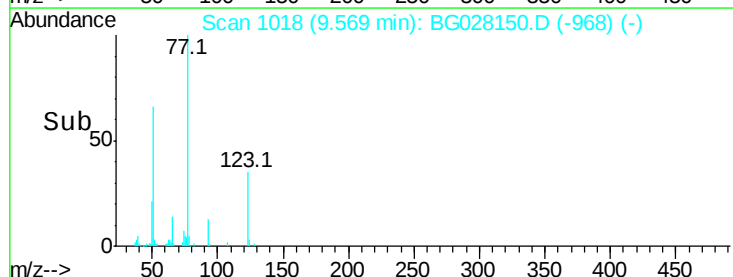
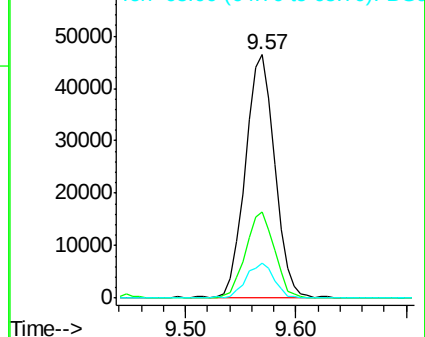
65 14.3 13.3 19.9

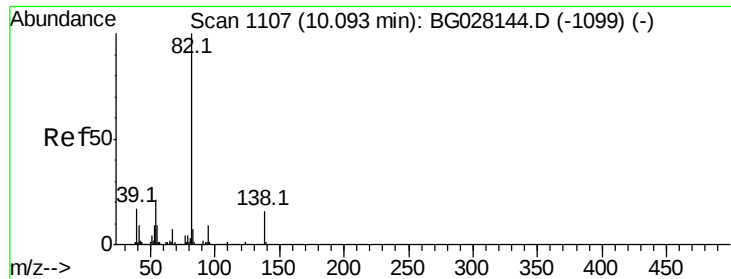


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.408 ng/ul

RT: 10.08 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

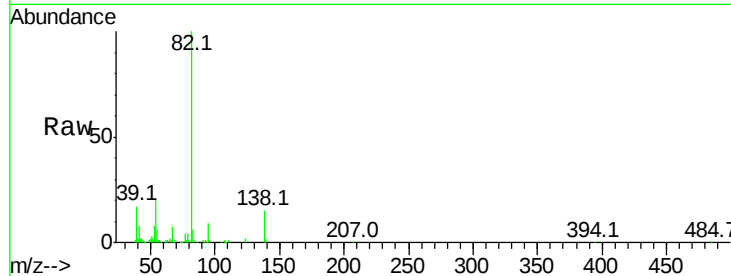
Tot Ion: 82 Resp: 169589

Ion Ratio Lower Upper

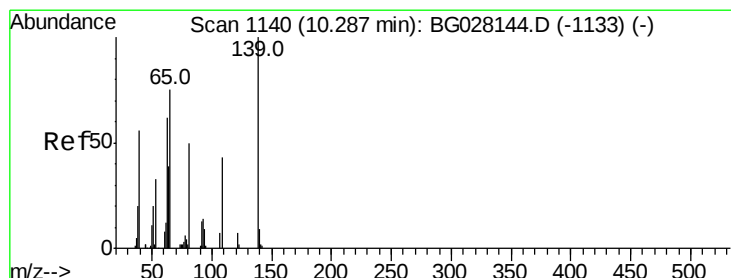
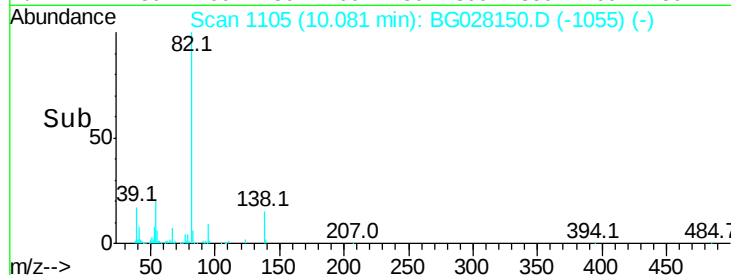
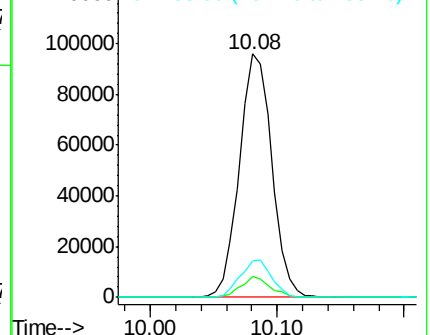
82 100

95 8.7 7.8 11.6

138 14.9 12.2 18.2



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



#23

2-Nitrophenol

Concen: 20.097 ng/ul

RT: 10.28 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

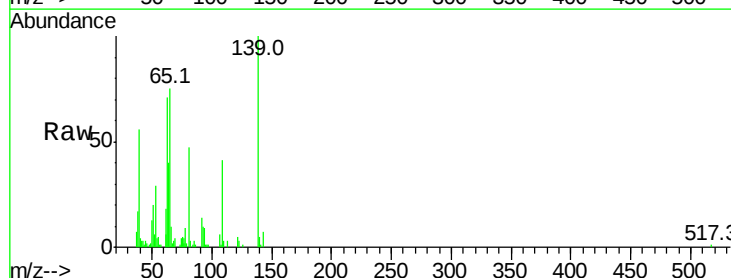
Tgt Ion: 139 Resp: 33612

Ion Ratio Lower Upper

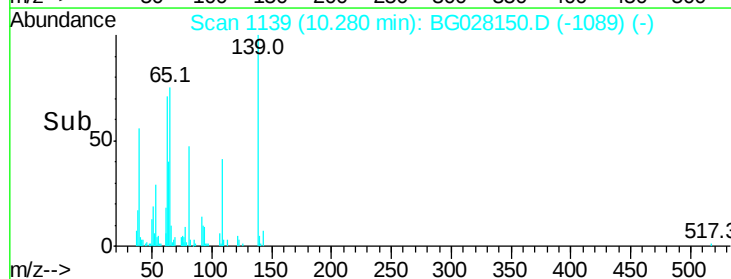
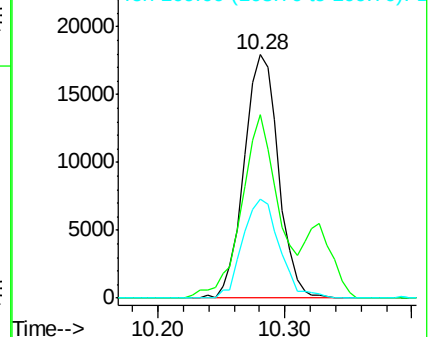
139 100

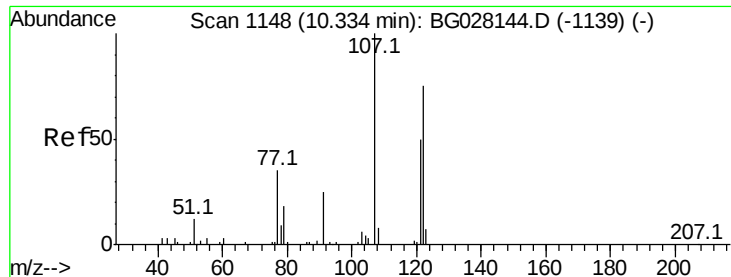
65 75.5 67.0 100.6

109 40.9 39.6 59.4



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





#24

2,4-Dimethylphenol

Concen: 19.836 ng/ul

RT: 10.33 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

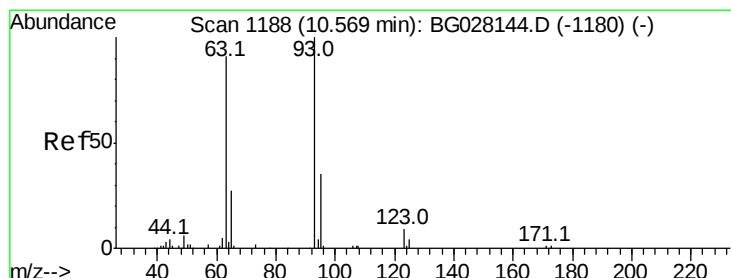
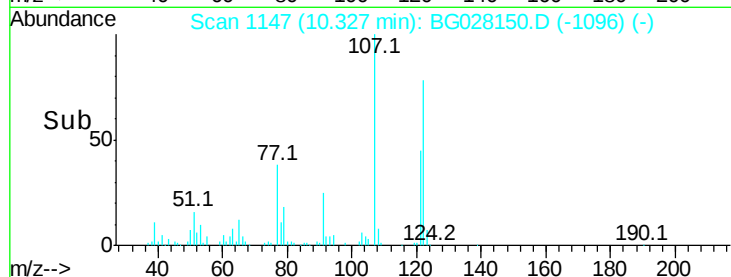
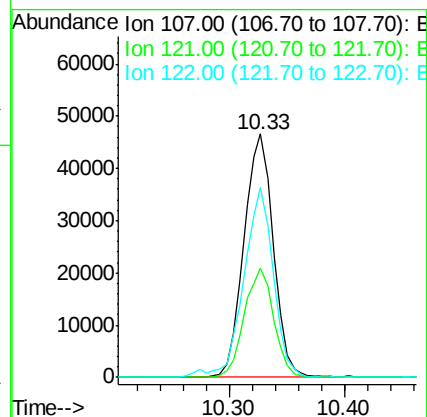
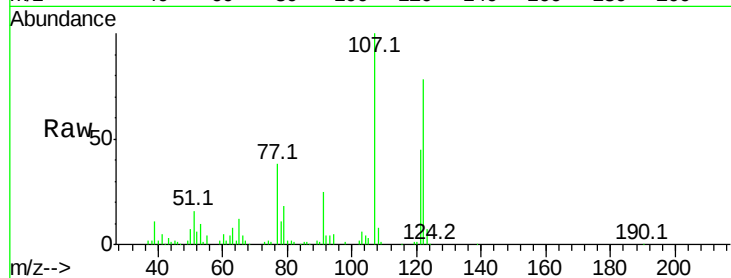
Tot Ion:107 Resp: 82462

Ion Ratio Lower Upper

107 100

121 44.7 32.3 48.5

122 77.8 61.2 91.8



#25

Bis(2-Chloroethoxy)methane

Concen: 19.932 ng/ul

RT: 10.56 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

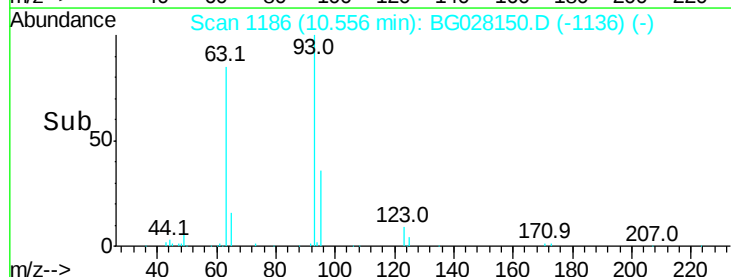
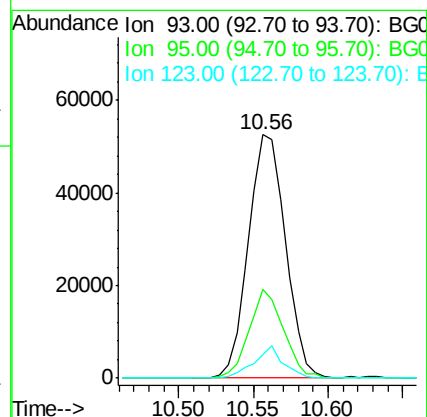
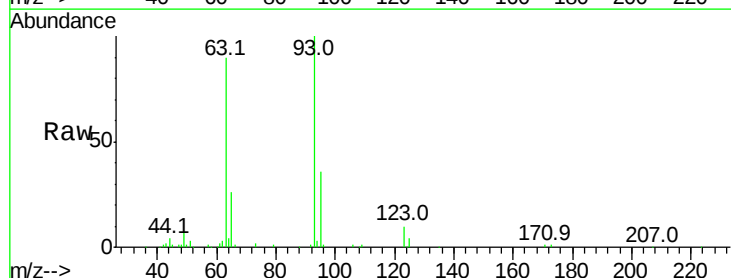
Tgt Ion: 93 Resp: 90225

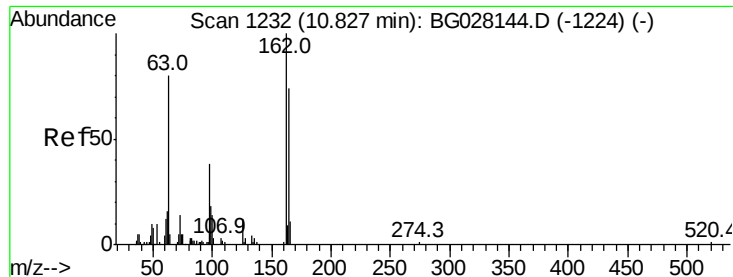
Ion Ratio Lower Upper

93 100

95 36.3 23.4 35.0#

123 9.8 7.8 11.6

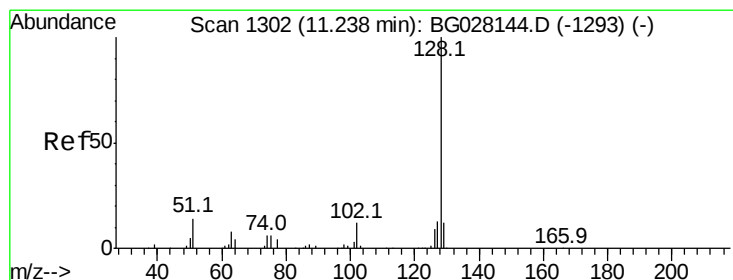
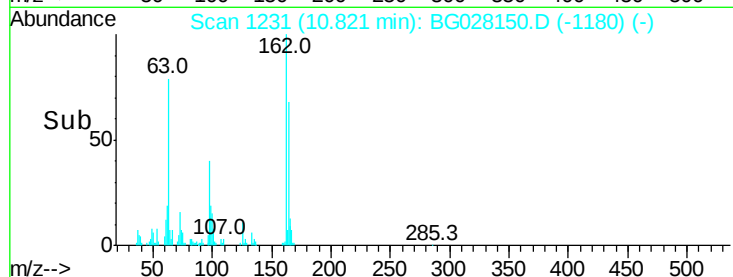
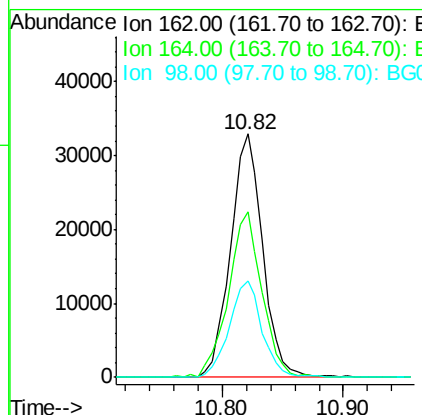
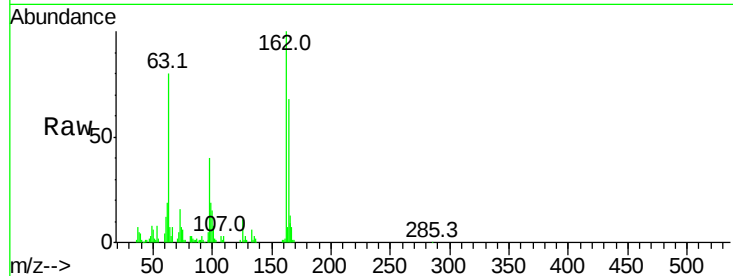




#27
 2,4-Dichlorophenol
 Concen: 19.493 ng/ul
 RT: 10.82 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

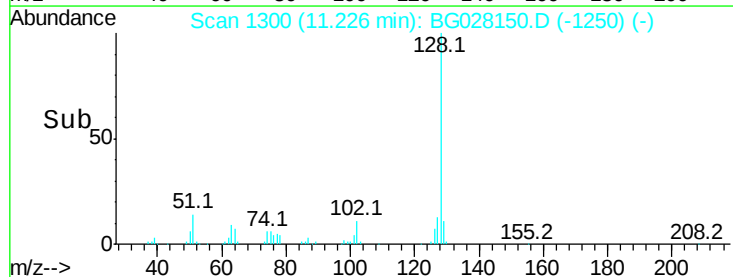
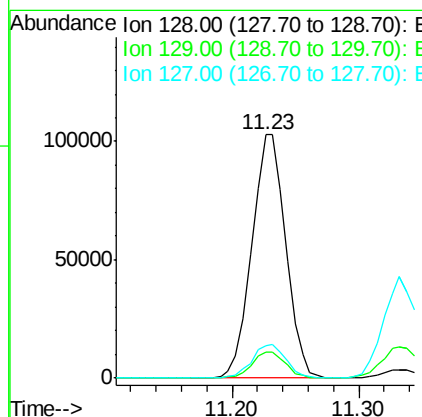
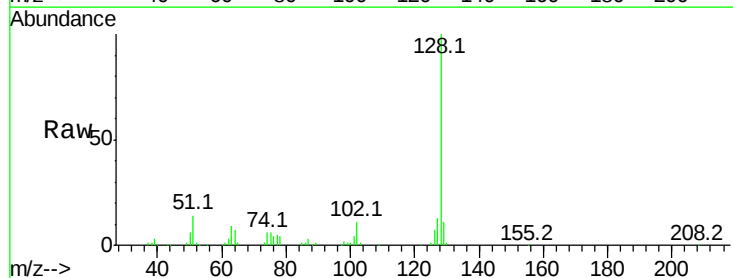
Instrument :
 BNA_G
 ClientSampleId :
 SST02098

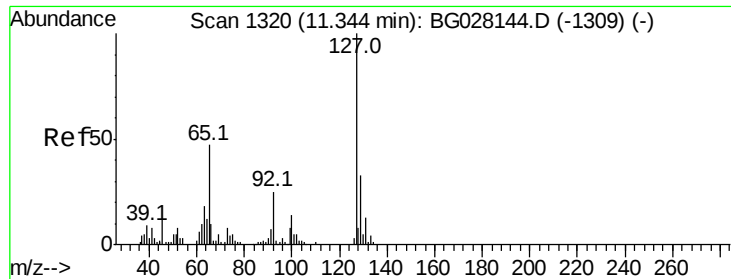
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	50.8	76.2
98	39.8	32.1	48.1



#28
 Naphthalene
 Concen: 19.968 ng/ul
 RT: 11.23 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.1	10.3	15.5

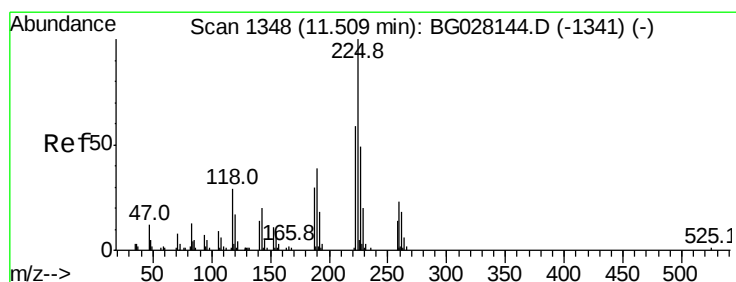
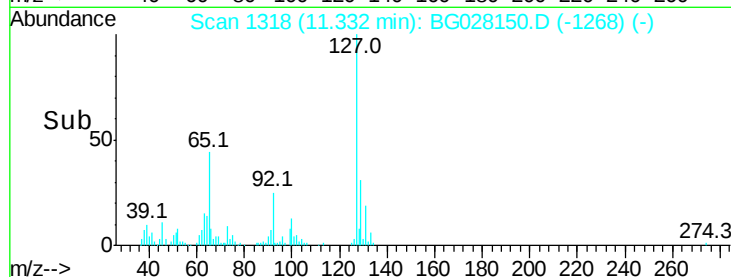
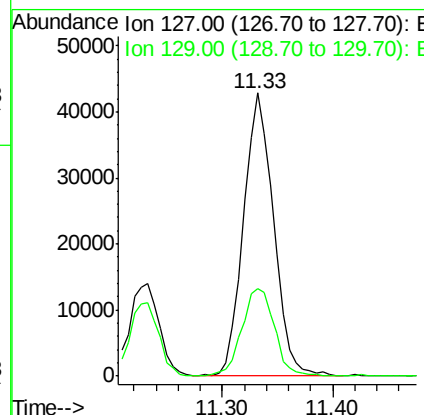
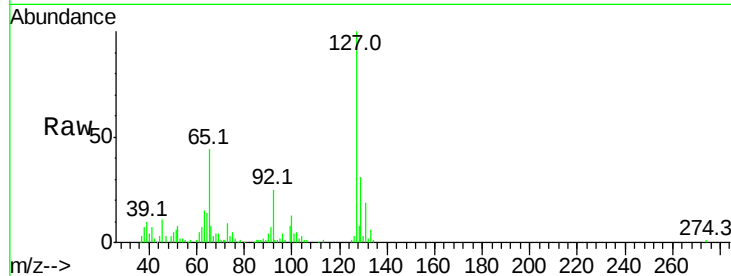




#30
4-Chloroaniline
Concen: 22.242 ng/ul
RT: 11.33 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

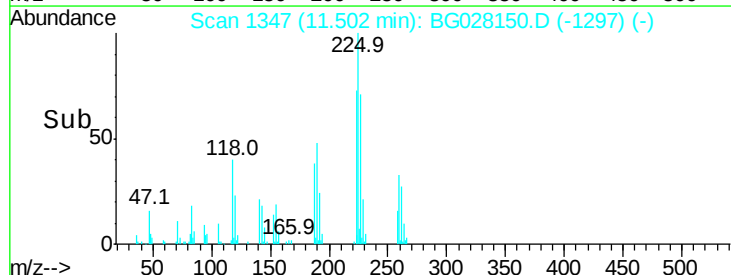
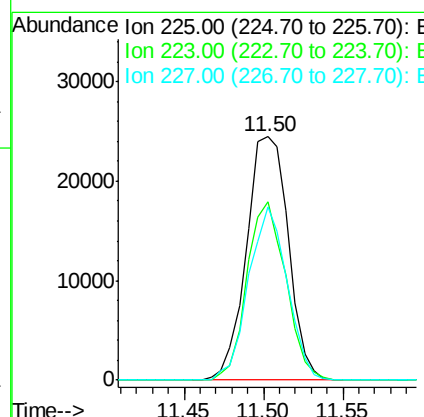
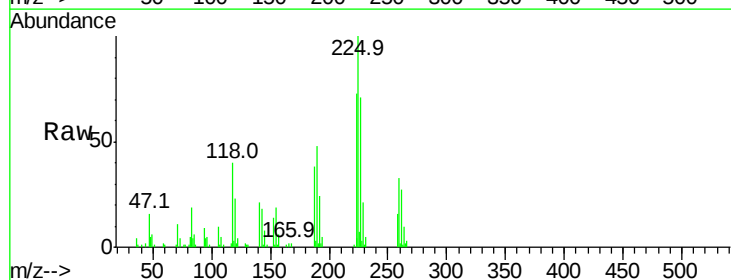
Instrument :
BNA_G
ClientSampleId :
SSTD02098

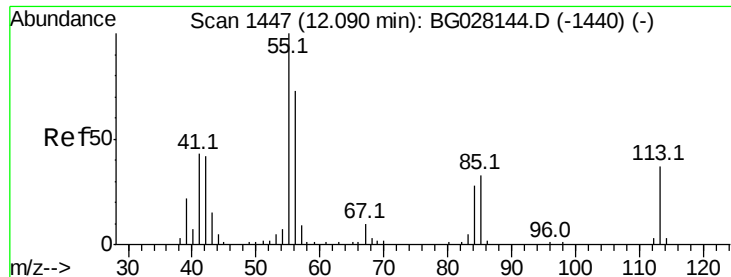
Tot Ion:127 Resp: 82262
Ion Ratio Lower Upper
127 100
129 30.9 28.9 43.3



#31
Hexachlorobutadiene
Concen: 19.539 ng/ul
RT: 11.50 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

Tgt Ion:225 Resp: 45003
Ion Ratio Lower Upper
225 100
223 73.4 45.9 68.9#
227 71.2 44.7 67.1#





#32

Caprolactam

Concen: 20.175 ng/ul

RT: 12.10 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

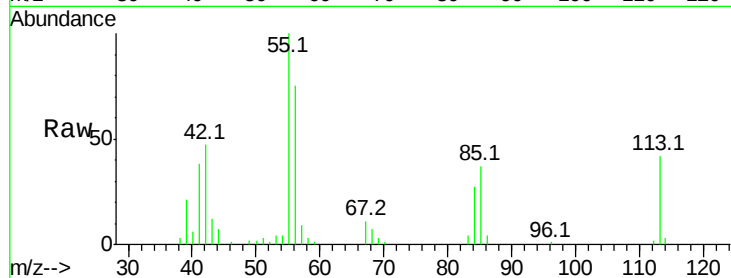
Tot Ion:113 Resp: 26178

Ion Ratio Lower Upper

113 100

55 237.0 168.6 252.8

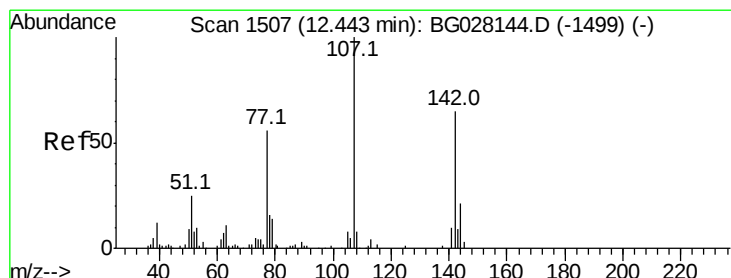
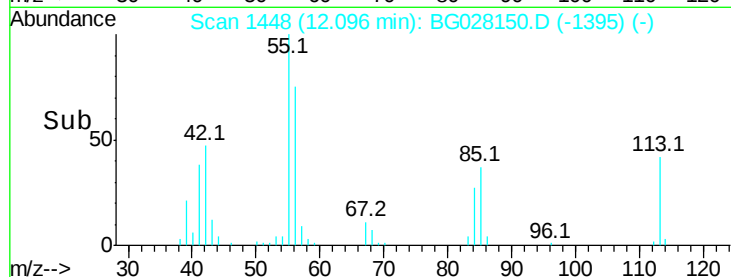
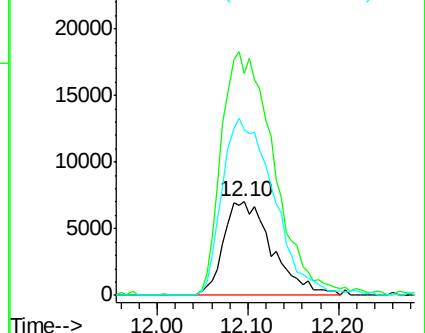
56 177.1 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 19.977 ng/ul

RT: 12.43 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

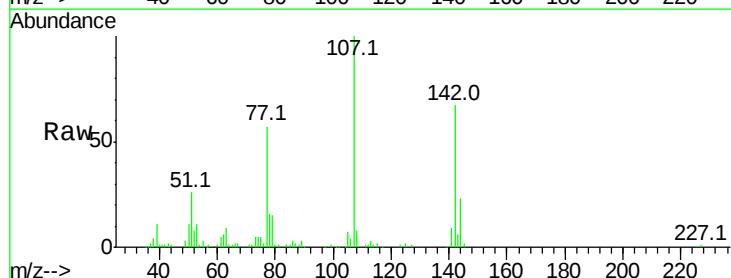
Tgt Ion:107 Resp: 79565

Ion Ratio Lower Upper

107 100

144 23.4 18.2 27.4

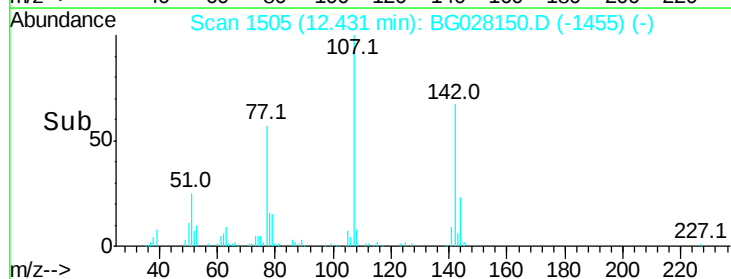
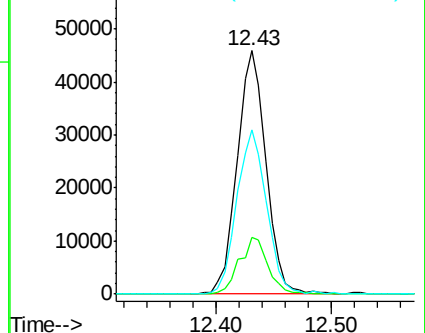
142 67.3 55.0 82.4

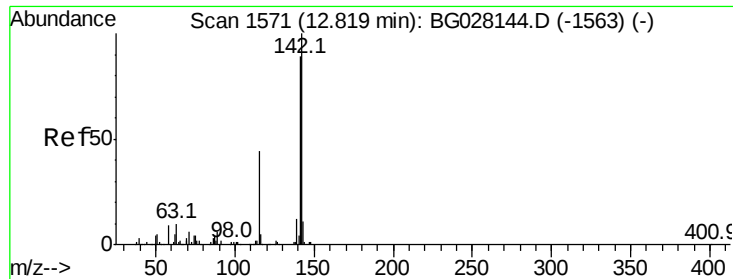


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

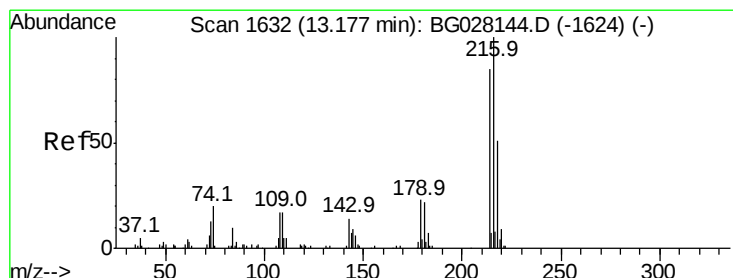
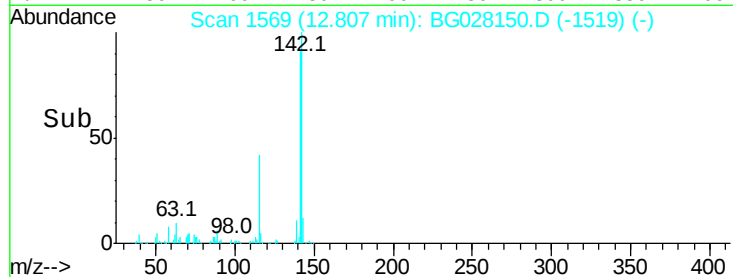
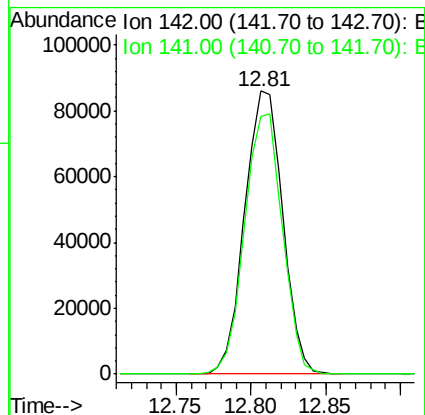
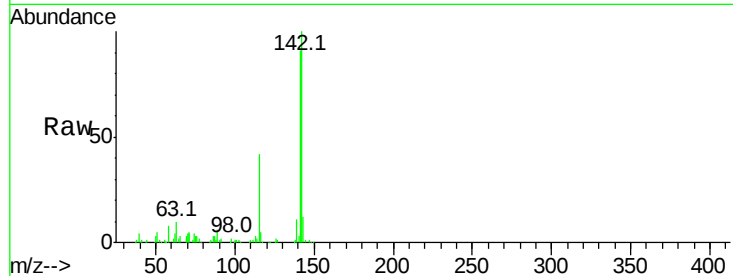




#34
 2-Methylnaphthalene
 Concen: 19.715 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

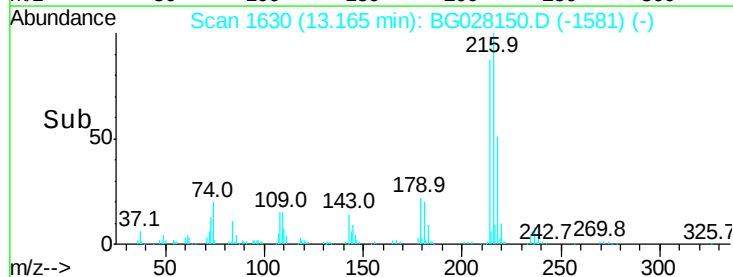
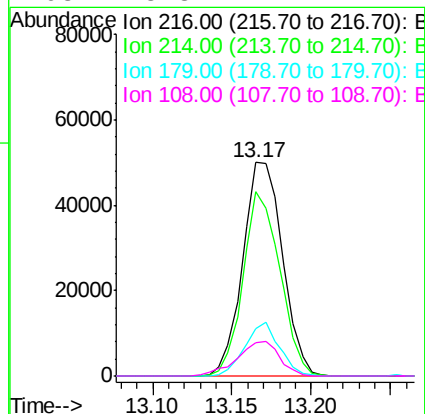
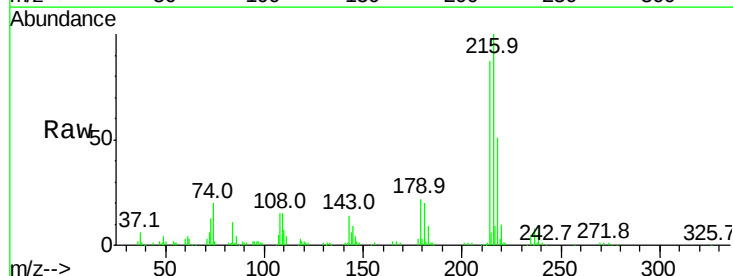
Instrument :
 BNA_G
 ClientSampleId :
 SST02098

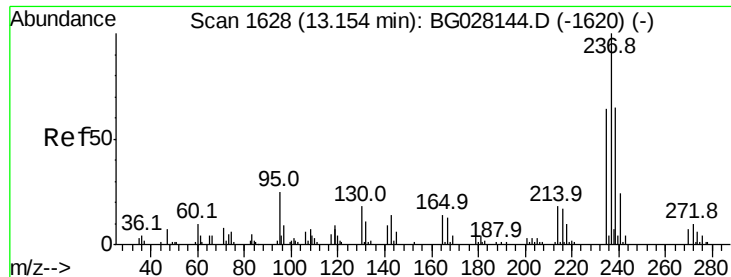
Tot Ion:142 Resp: 151550
 Ion Ratio Lower Upper
 142 100
 141 91.0 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.126 ng/ul
 RT: 13.17 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion:216 Resp: 87508
 Ion Ratio Lower Upper
 216 100
 214 86.6 67.0 100.6
 179 22.3 18.1 27.1
 108 15.3 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 18.984 ng/ul

RT: 13.15 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

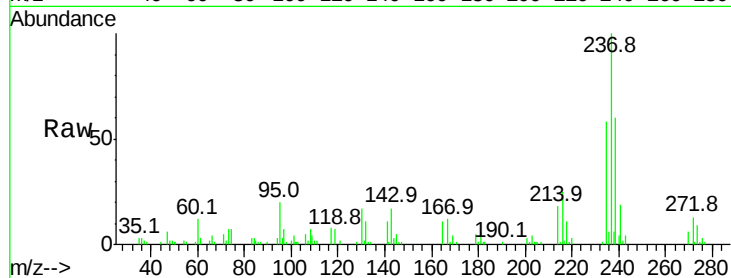
Tot Ion:237 Resp: 45546

Ion Ratio Lower Upper

237 100

235 57.7 50.2 75.4

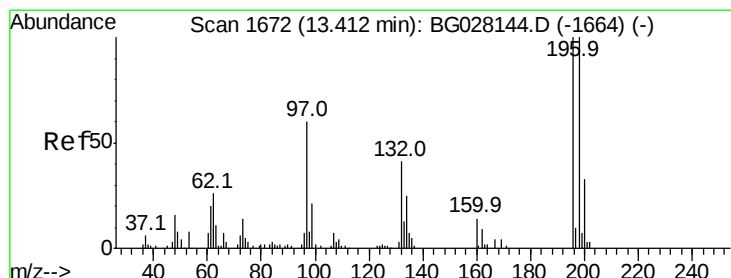
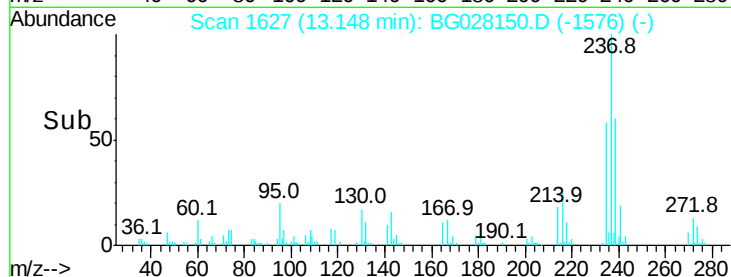
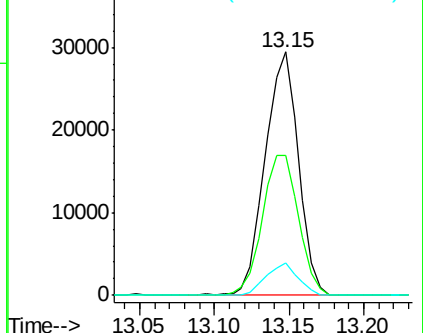
272 13.4 10.6 16.0



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: 22.113 ng/ul

RT: 13.41 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

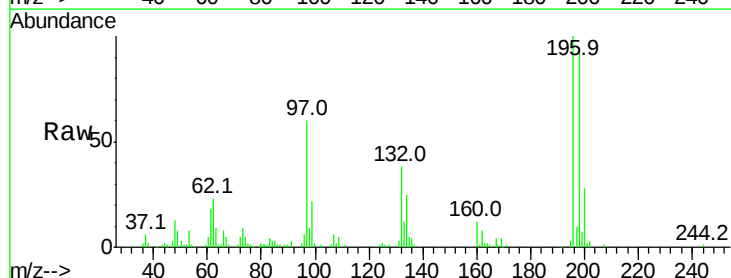
Tgt Ion:196 Resp: 59926

Ion Ratio Lower Upper

196 100

198 93.6 71.4 107.2

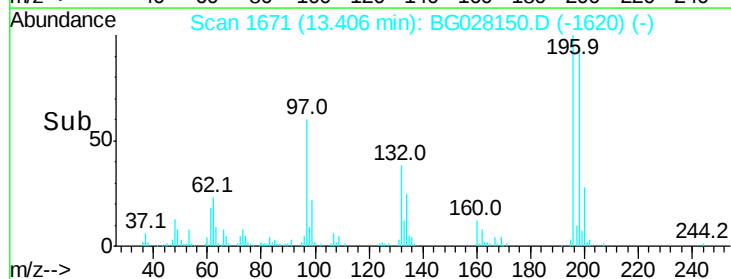
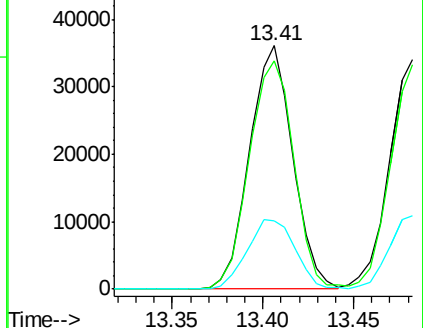
200 28.2 24.6 37.0

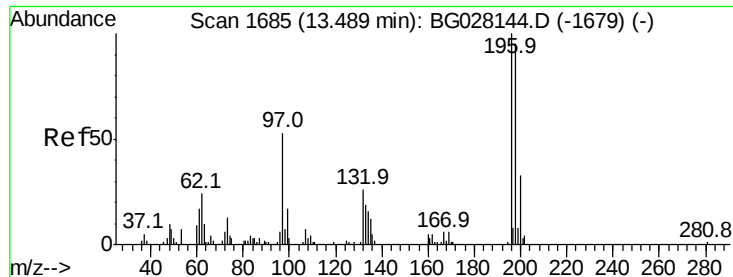


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

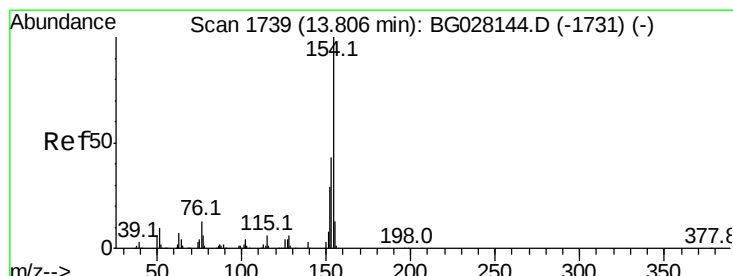
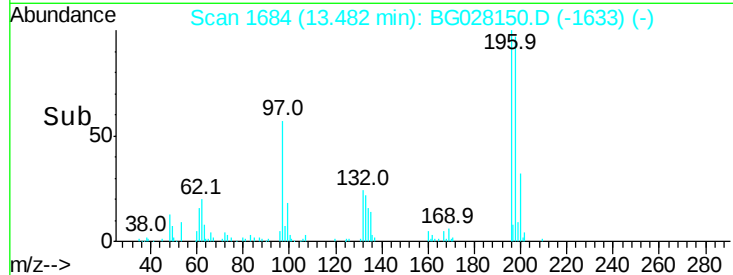
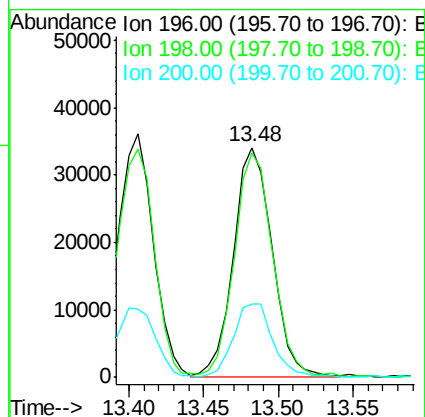
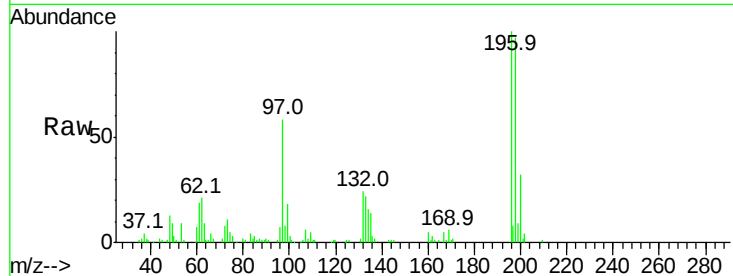




#39
 2,4,5-Trichlorophenol
 Concen: 20.914 ng/ul
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

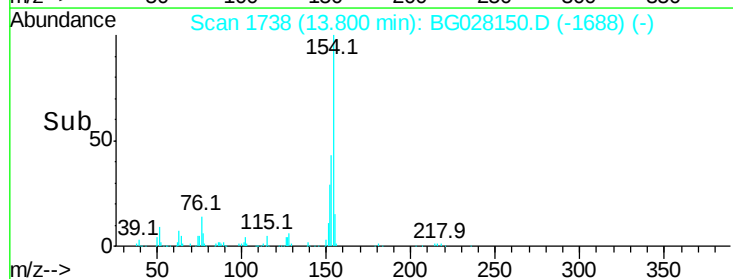
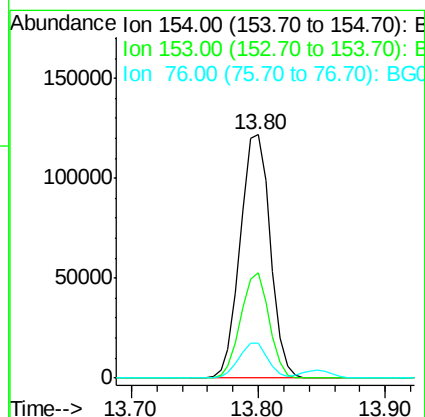
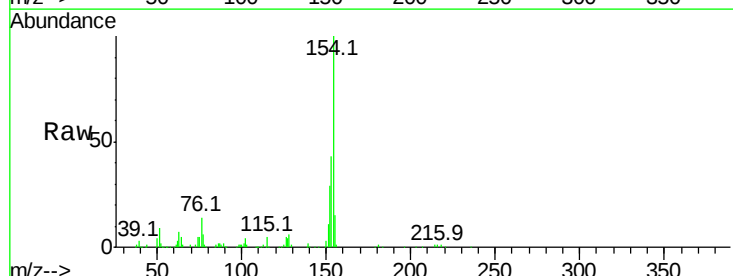
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

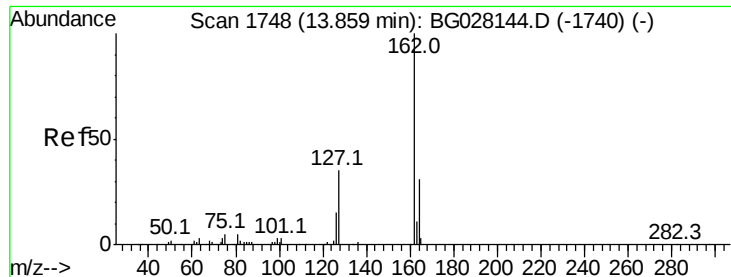
Tot Ion:196 Resp: 61777
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.6 118.0
 200 31.7 27.3 40.9



#40
 1,1'-Biphenyl
 Concen: 20.348 ng/ul
 RT: 13.80 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion:154 Resp: 200472
 Ion Ratio Lower Upper
 154 100
 153 43.3 32.2 48.2
 76 14.2 9.6 14.4

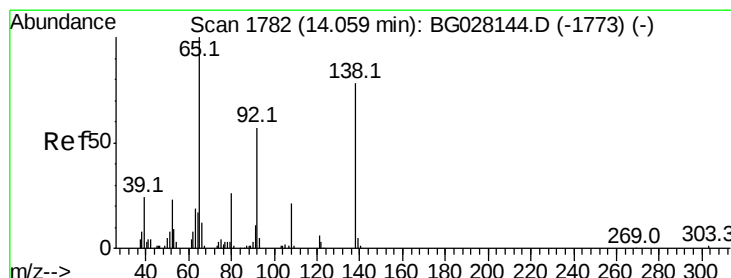
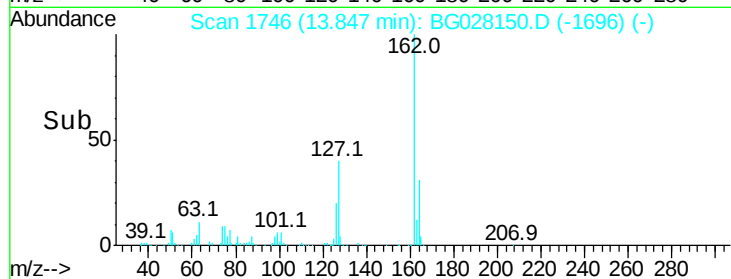
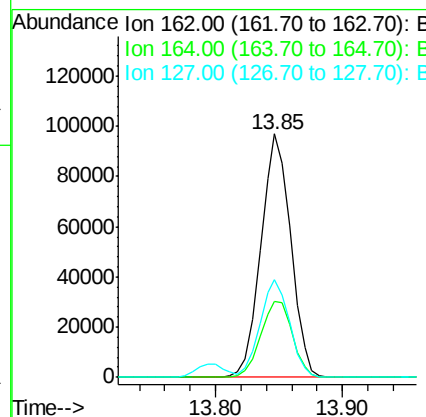
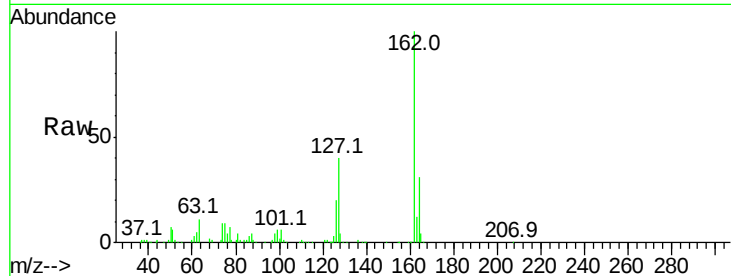




#41
 2-Chloronaphthalene
 Concen: 20.345 ng/ul
 RT: 13.85 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

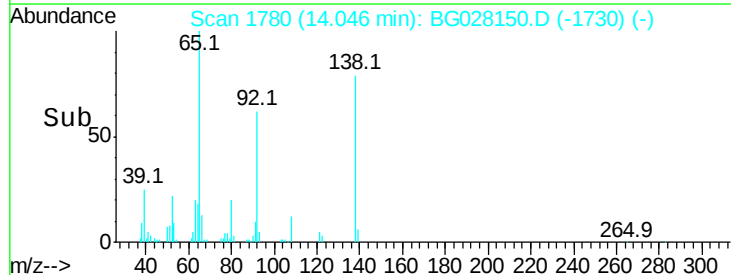
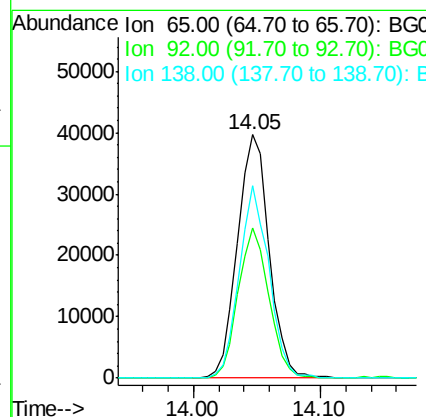
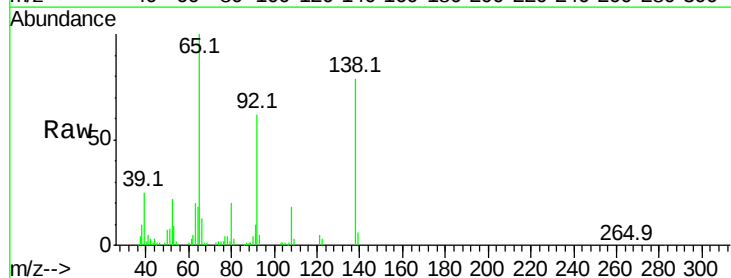
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

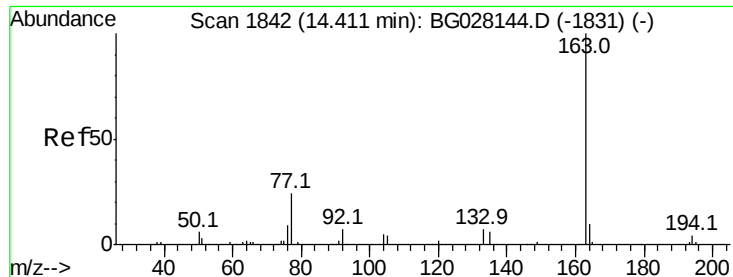
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.1	25.0	37.6
127	40.1	30.7	46.1



#42
 2-Nitroaniline
 Concen: 20.954 ng/ul
 RT: 14.05 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	50.9	76.3
138	79.1	61.8	92.6





#44

Dimethylphthalate

Concen: 20.347 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

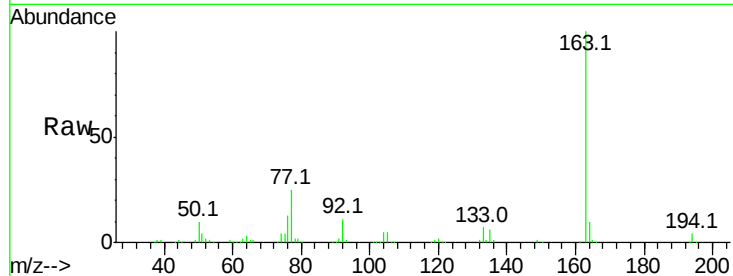
Tot Ion:163 Resp: 224772

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

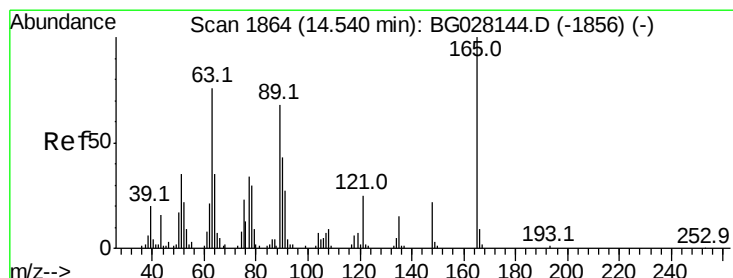
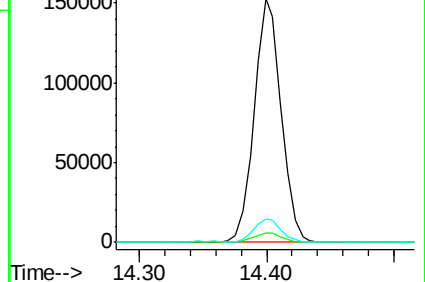
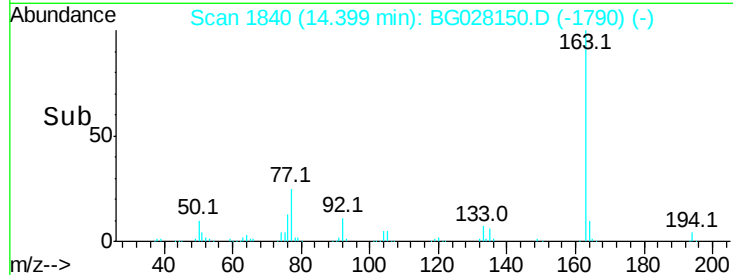
164 9.6 9.0 13.4



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: 20.807 ng/ul

RT: 14.53 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

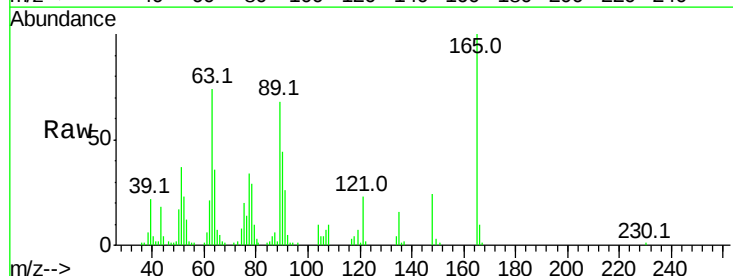
Tgt Ion:165 Resp: 47457

Ion Ratio Lower Upper

165 100

89 67.9 52.9 79.3

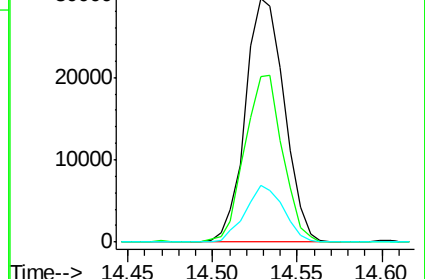
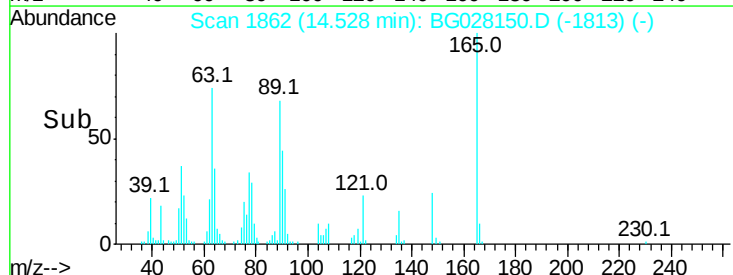
121 23.4 22.2 33.4

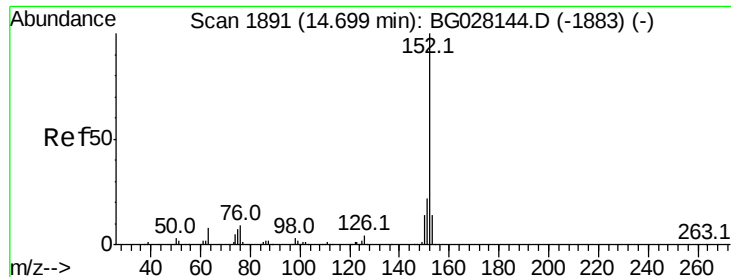


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.354 ng/ul

RT: 14.69 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

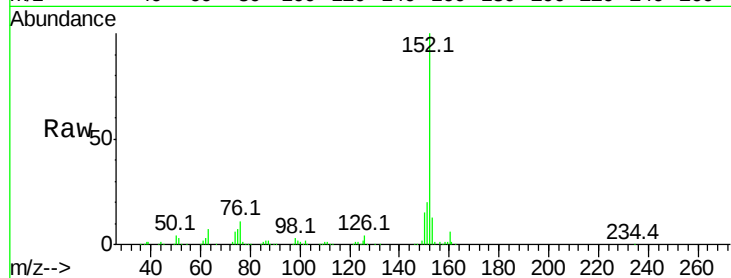
Tot Ion:152 Resp: 263127

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

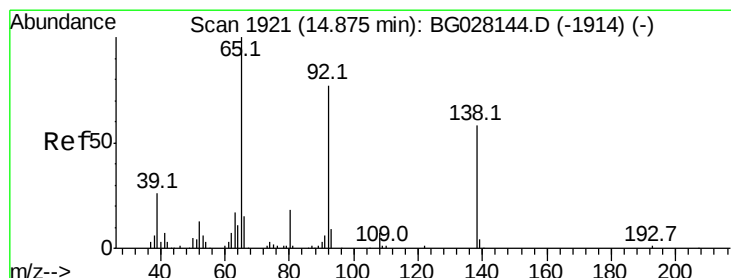
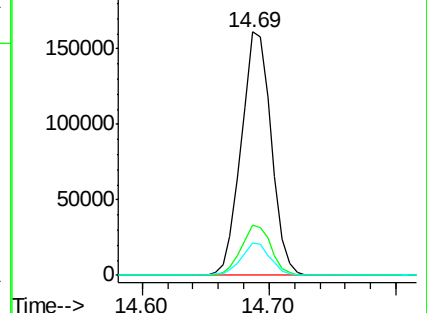
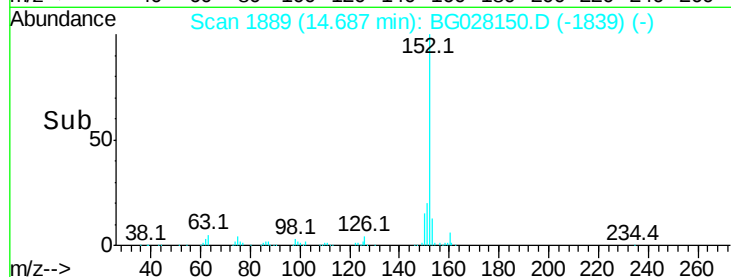
153 13.3 11.4 17.2



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: 21.198 ng/ul

RT: 14.87 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

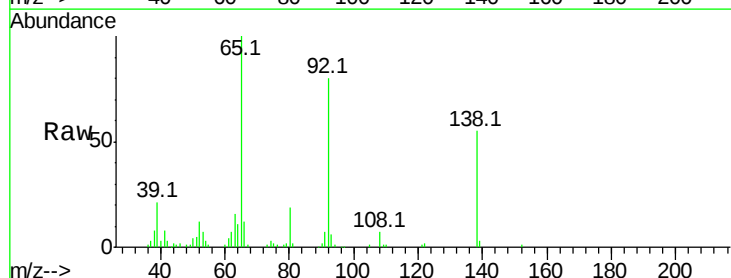
Tgt Ion:138 Resp: 43536

Ion Ratio Lower Upper

138 100

108 12.5 6.3 9.5#

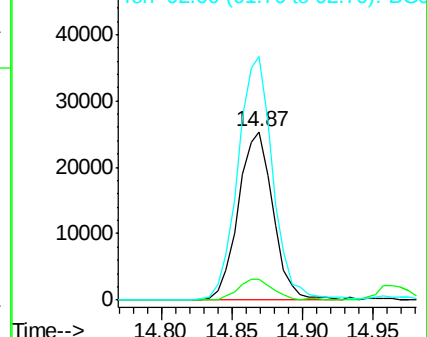
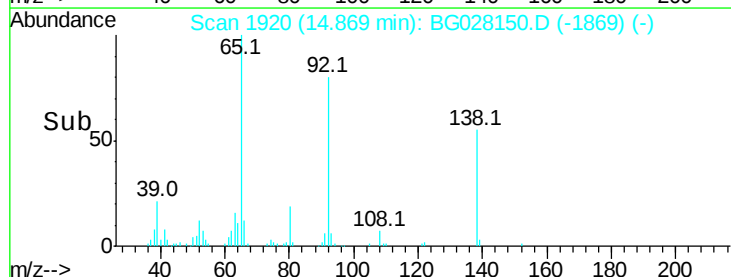
92 144.7 106.4 159.6

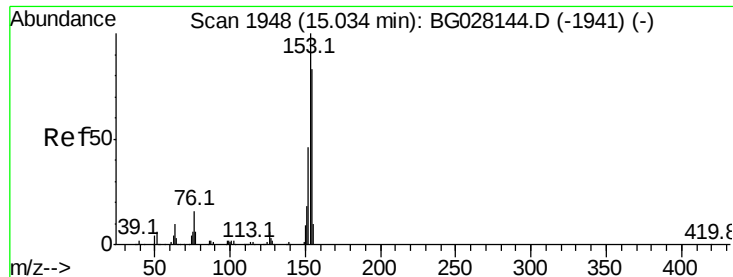


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 20.064 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

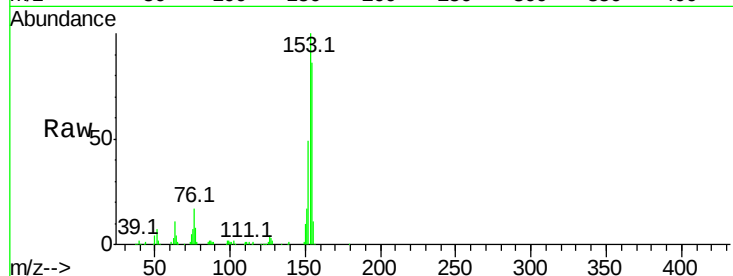
Tot Ion:153 Resp: 175000

Ion Ratio Lower Upper

153 100

152 49.4 36.5 54.7

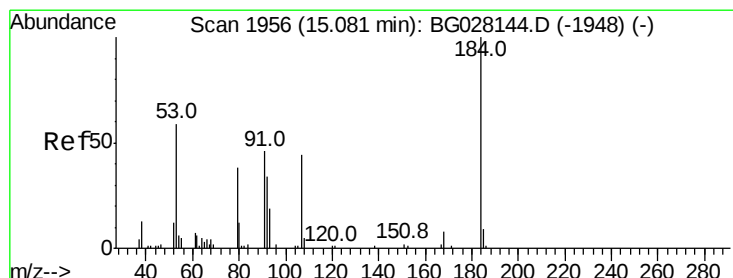
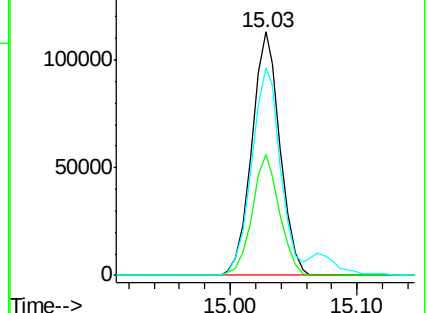
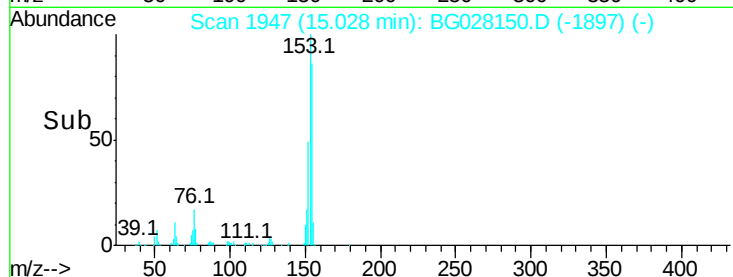
154 85.6 72.3 108.5



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: 18.960 ng/ul

RT: 15.07 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

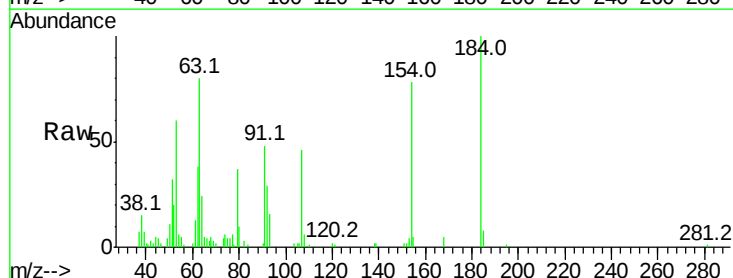
Tgt Ion:184 Resp: 24365

Ion Ratio Lower Upper

184 100

63 79.9 65.1 97.7

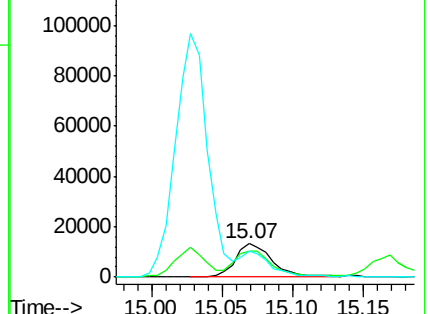
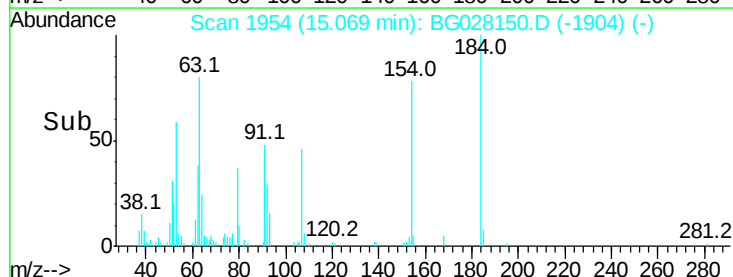
154 77.5 68.2 102.4

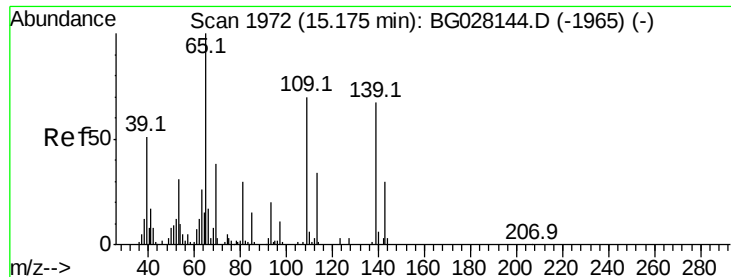


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.561 ng/ul

RT: 15.17 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

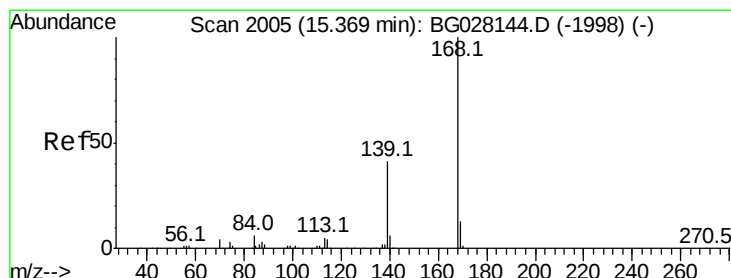
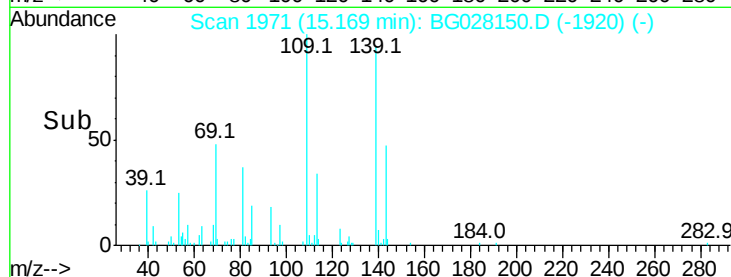
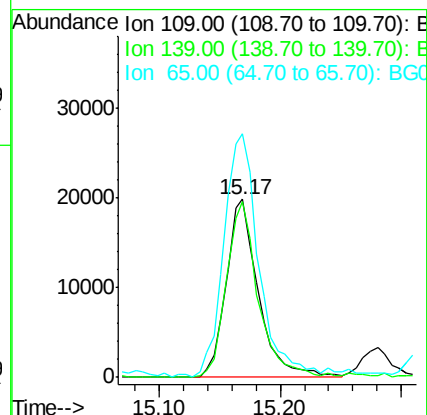
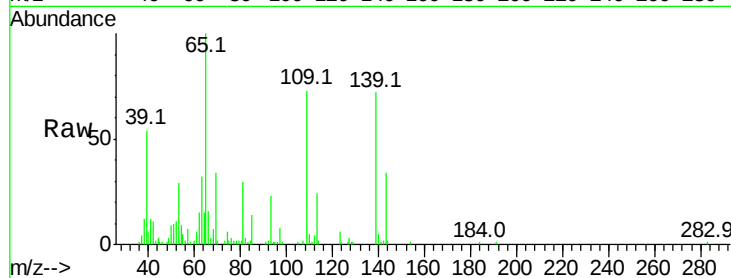
Tot Ion:109 Resp: 36687

Ion Ratio Lower Upper

109 100

139 98.9 62.6 93.8#

65 136.9 90.4 135.6#



#53

Dibenzofuran

Concen: 20.220 ng/ul

RT: 15.36 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG028150.D

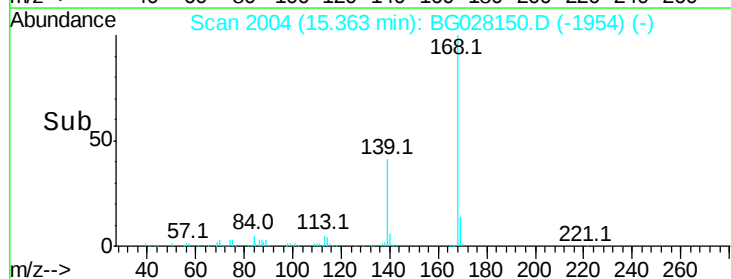
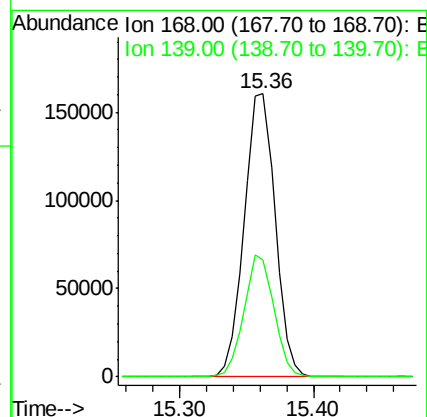
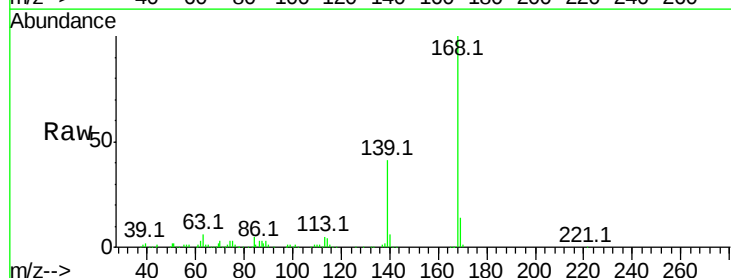
Acq: 7 Aug 2017 10:41

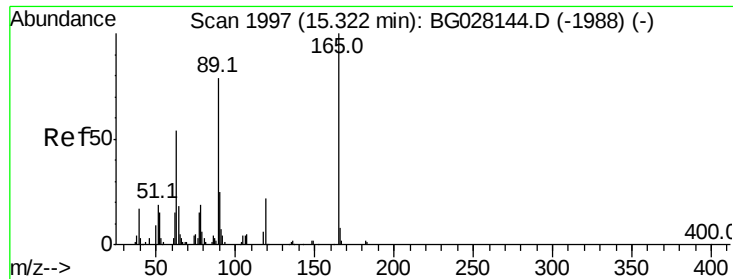
Tgt Ion:168 Resp: 257134

Ion Ratio Lower Upper

168 100

139 41.3 33.8 50.8





#54

2,4-Dinitrotoluene

Concen: 19.877 ng/ul

RT: 15.32 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

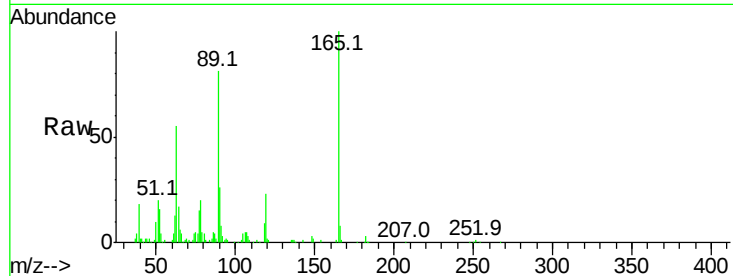
Tot Ion:165 Resp: 68706

Ion Ratio Lower Upper

165 100

63 55.1 46.8 70.2

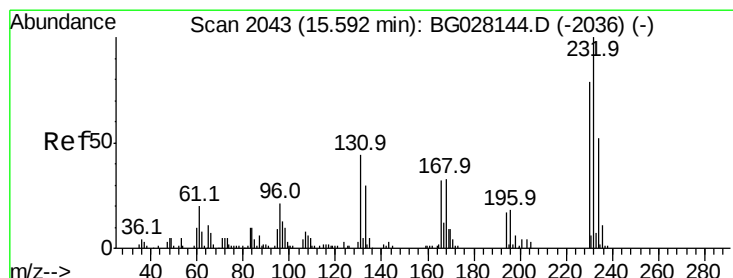
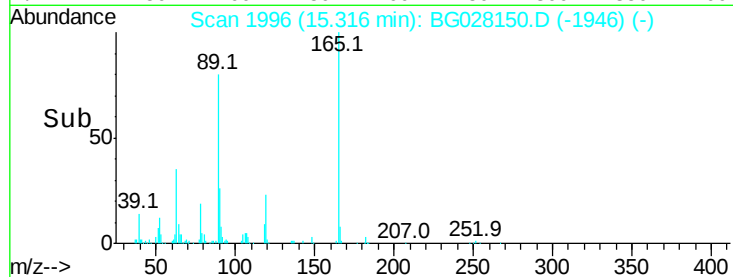
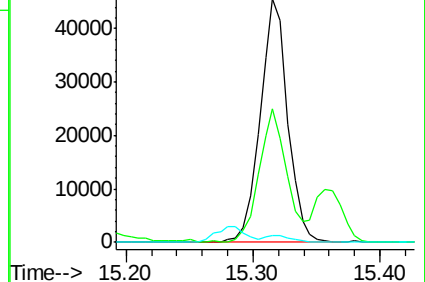
182 2.6 1.8 2.6



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: 20.214 ng/ul

RT: 15.59 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Tgt Ion:232 Resp: 55609

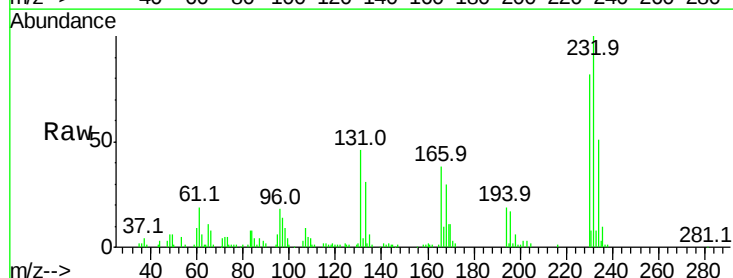
Ion Ratio Lower Upper

232 100

131 46.4 33.3 49.9

130 2.5 1.8 2.6

166 37.8 21.9 32.9#

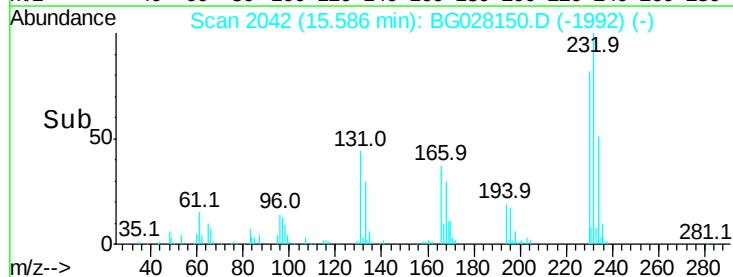
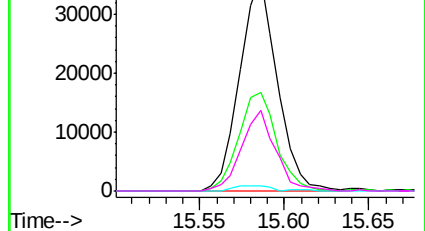


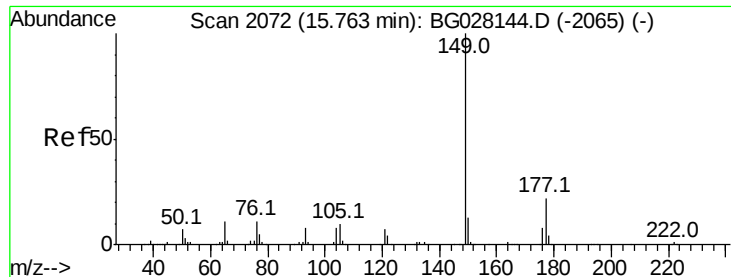
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.108 ng/ul

RT: 15.76 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

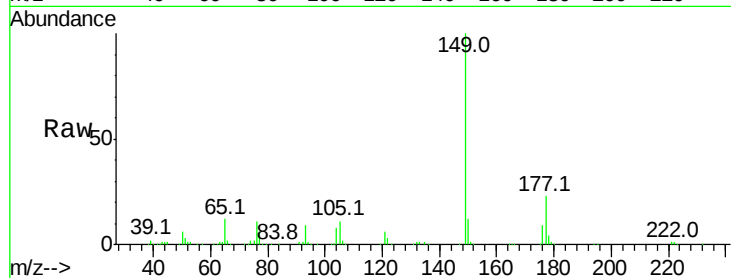
Tot Ion:149 Resp: 247624

Ion Ratio Lower Upper

149 100

177 22.9 17.8 26.8

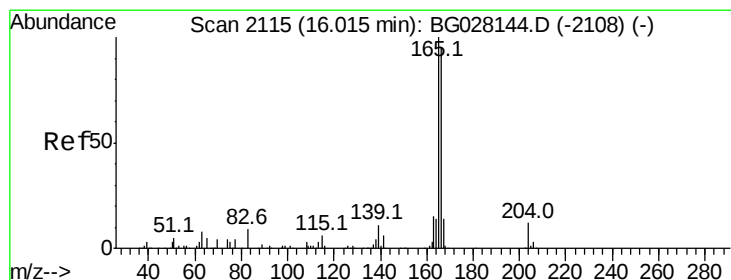
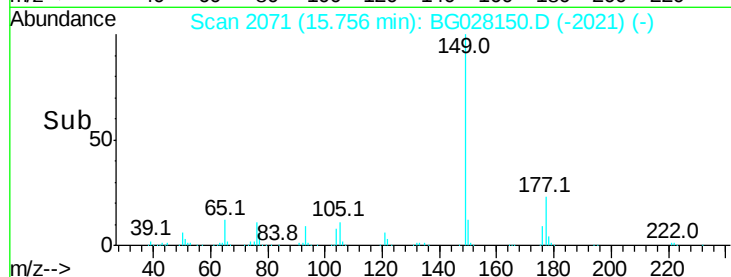
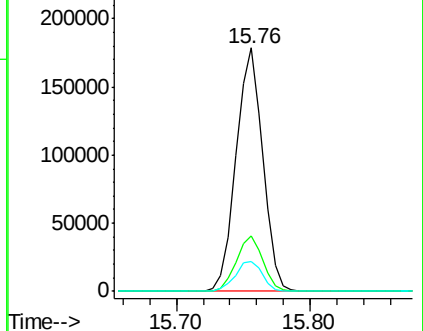
150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.894 ng/ul

RT: 16.01 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

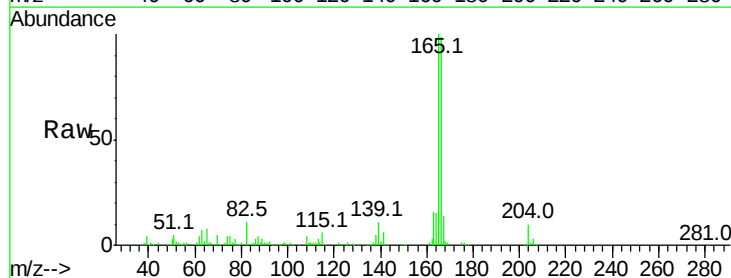
Tgt Ion:166 Resp: 223986

Ion Ratio Lower Upper

166 100

165 100.6 79.7 119.5

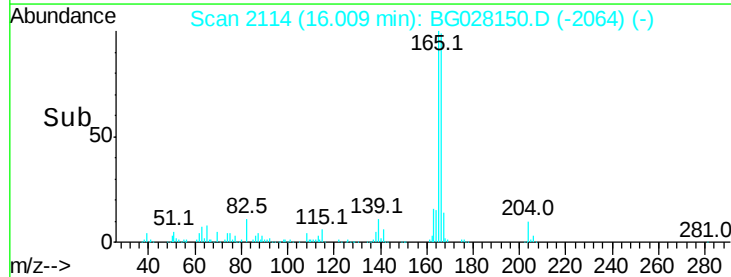
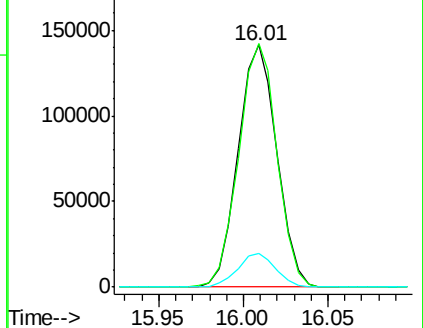
167 13.9 11.4 17.2

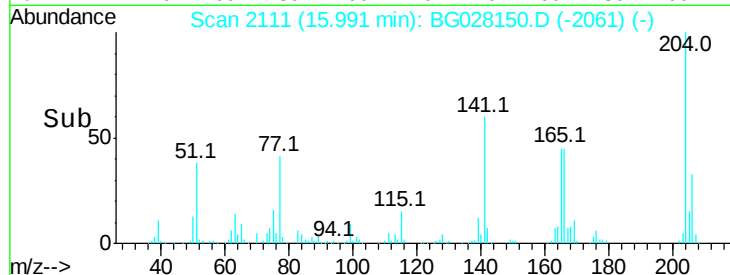
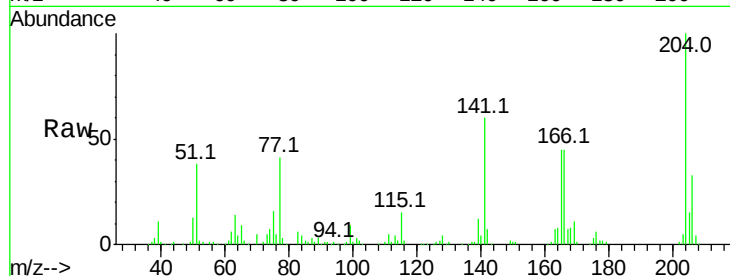
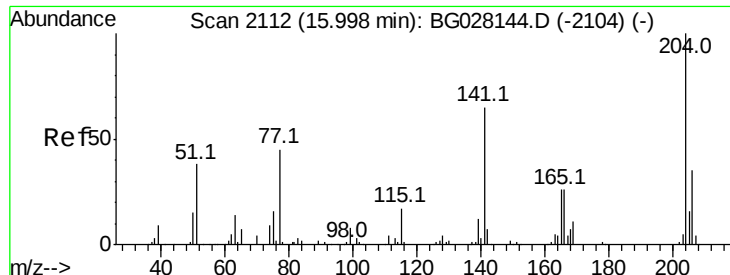


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

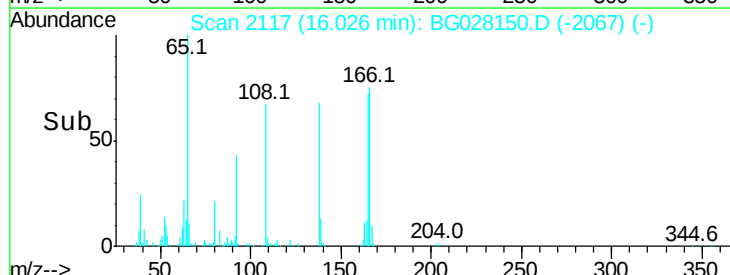
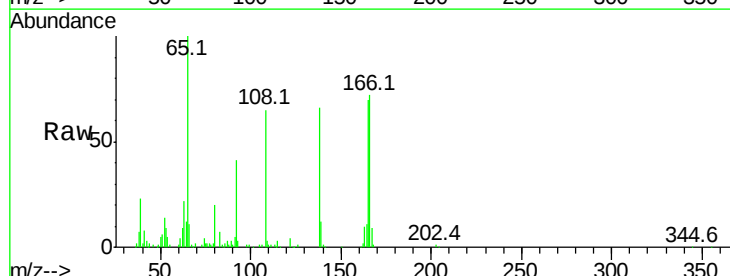
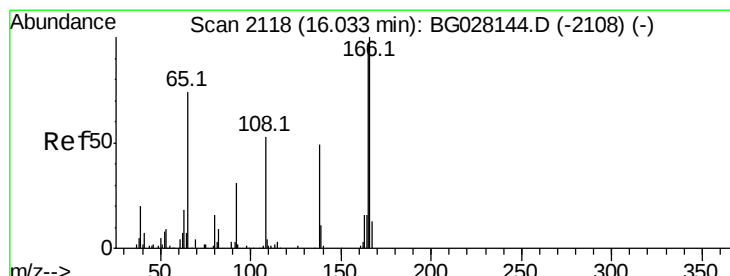
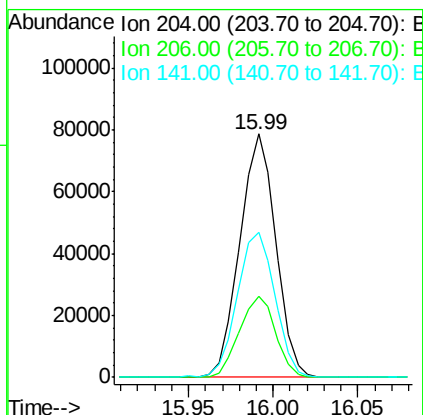




#59
4-Chlorophenyl-phenylether
Concen: 19.301 ng/ul
RT: 15.99 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

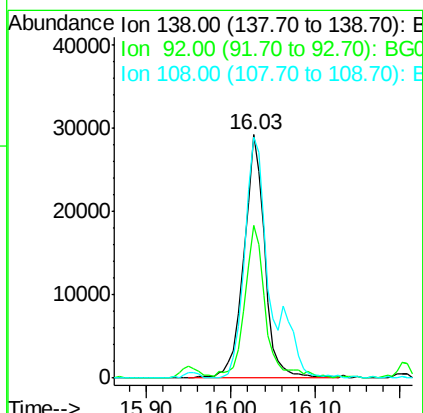
Instrument :
BNA_G
ClientSampled :
SSTD02098

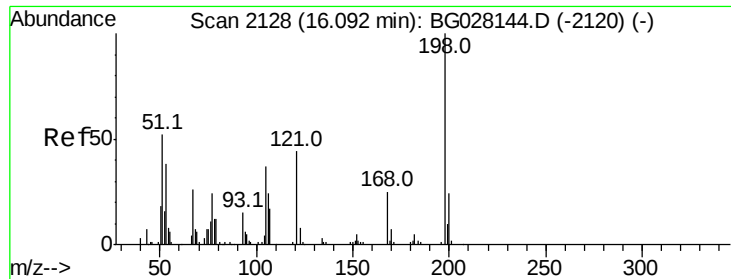
Tot Ion:204 Resp: 116587
Ion Ratio Lower Upper
204 100
206 33.0 32.3 48.5
141 59.5 57.5 86.3



#60
4-Nitroaniline
Concen: 20.463 ng/ul
RT: 16.03 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

Tgt Ion:138 Resp: 49861
Ion Ratio Lower Upper
138 100
92 62.8 56.9 85.3
108 99.1 104.9 157.3#

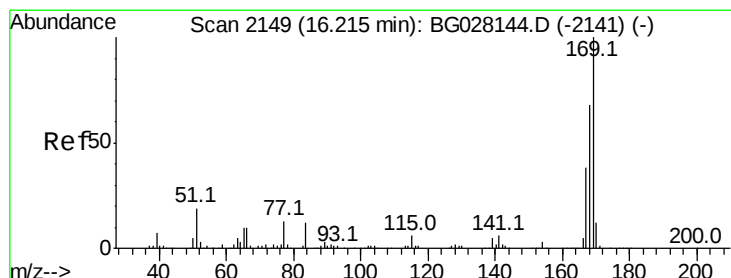
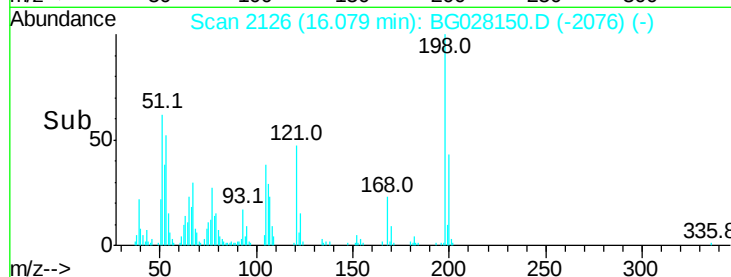
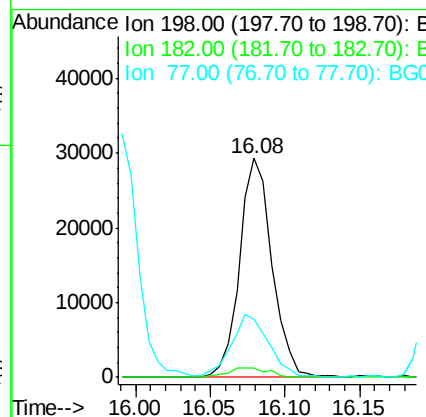
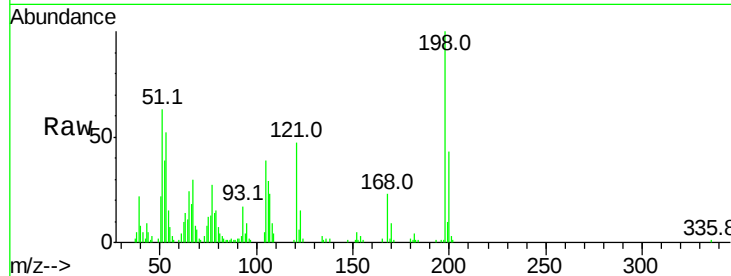




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.343 ng/ul
 RT: 16.08 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

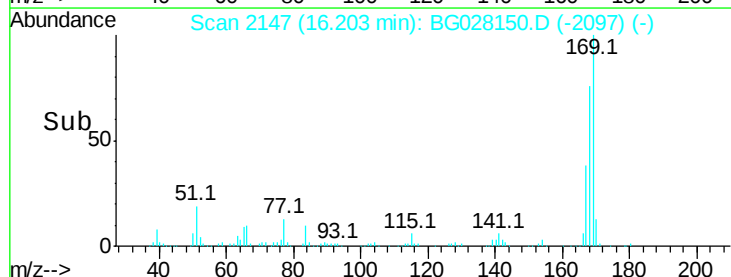
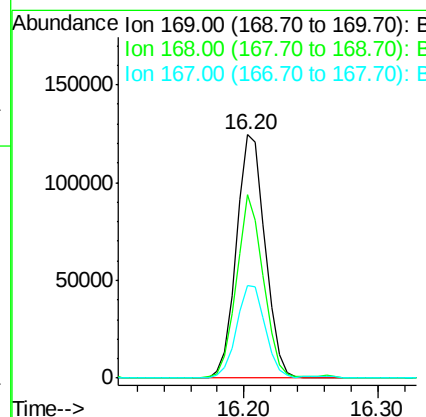
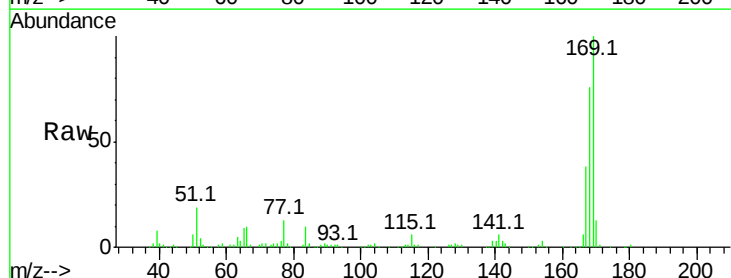
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

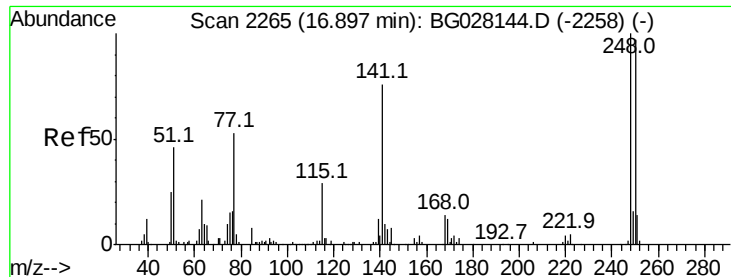
Tot Ion:198 Resp: 44210
 Ion Ratio Lower Upper
 198 100
 182 4.1 5.8 6.4#
 77 26.6 22.1 33.9



#64
 N-Nitrosodiphenylamine
 Concen: 20.340 ng/ul
 RT: 16.20 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion:169 Resp: 185672
 Ion Ratio Lower Upper
 169 100
 168 75.6 59.1 88.7
 167 38.0 29.7 44.5





#65

4-Bromophenyl-phenylether

Concen: 20.494 ng/ul

RT: 16.89 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

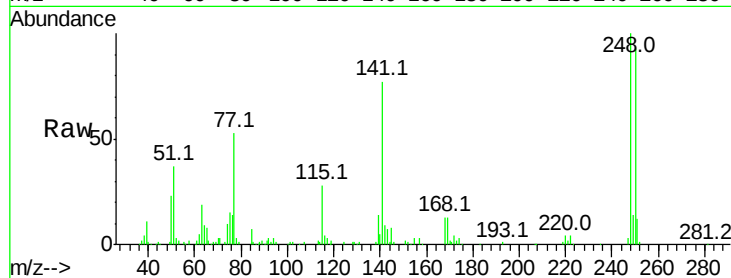
Tot Ion:248 Resp: 76432

Ion Ratio Lower Upper

248 100

250 92.8 71.9 107.9

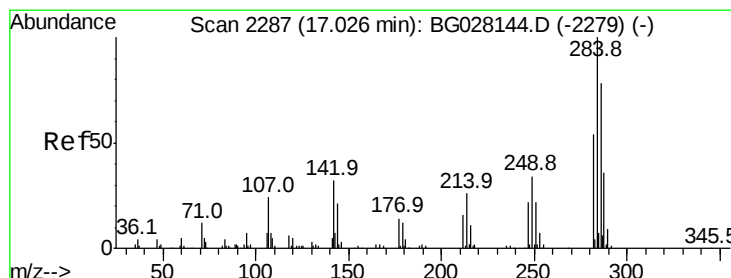
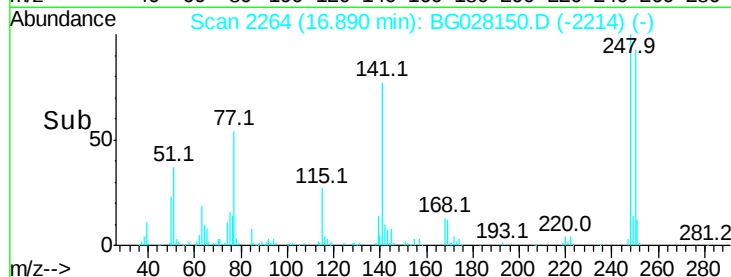
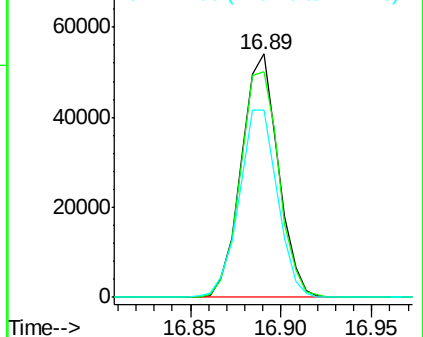
141 77.0 53.8 80.8



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: 20.063 ng/ul

RT: 17.02 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

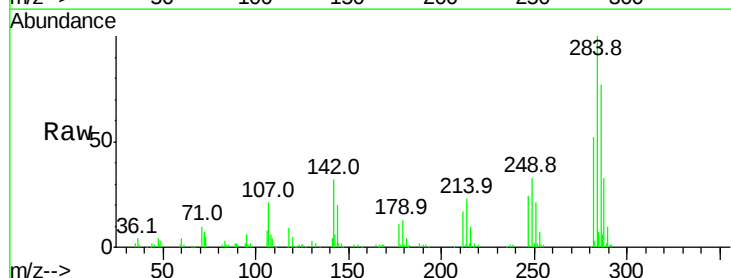
Tgt Ion:284 Resp: 79653

Ion Ratio Lower Upper

284 100

142 32.1 26.1 39.1

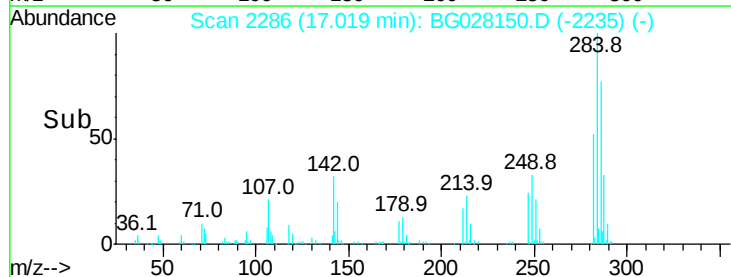
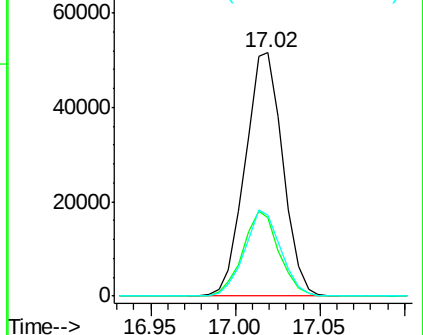
249 33.1 25.9 38.9

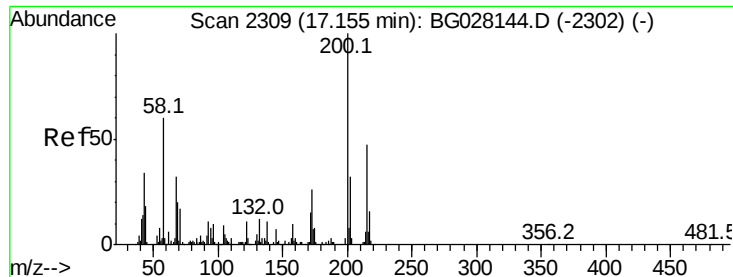


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 19.304 ng/ul

RT: 17.14 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

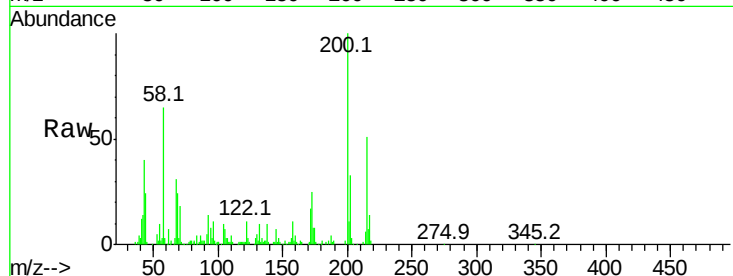
Tot Ion:200 Resp: 76829

Ion Ratio Lower Upper

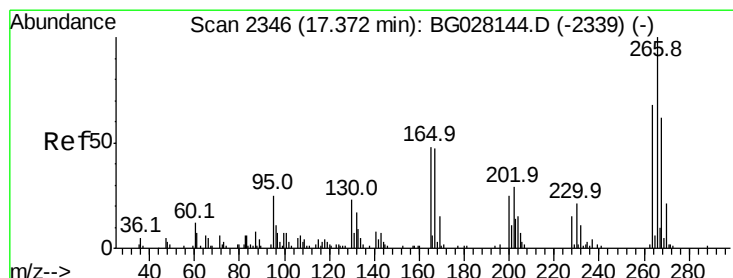
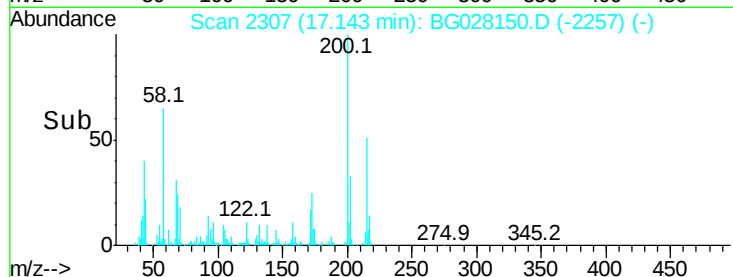
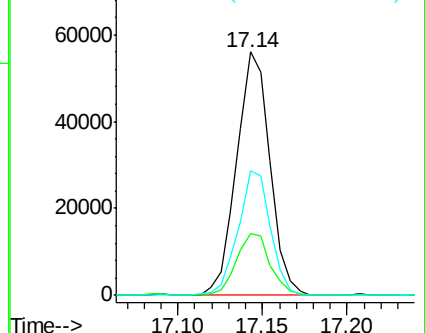
200 100

173 25.5 19.2 28.8

215 51.3 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



#68

Pentachlorophenol

Concen: 18.275 ng/ul

RT: 17.36 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

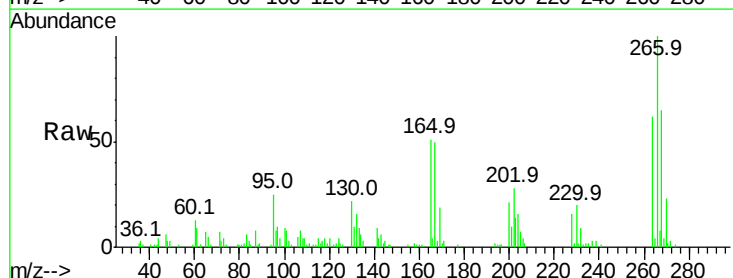
Tgt Ion:266 Resp: 36750

Ion Ratio Lower Upper

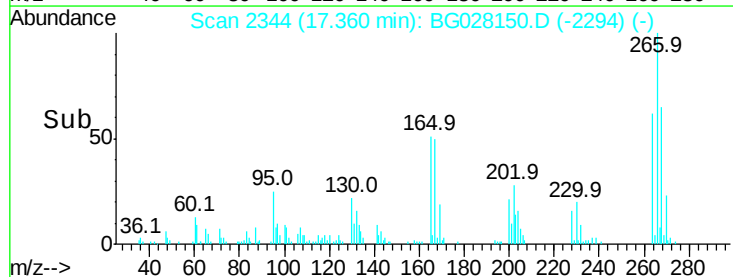
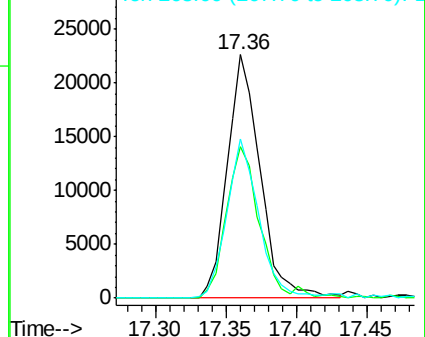
266 100

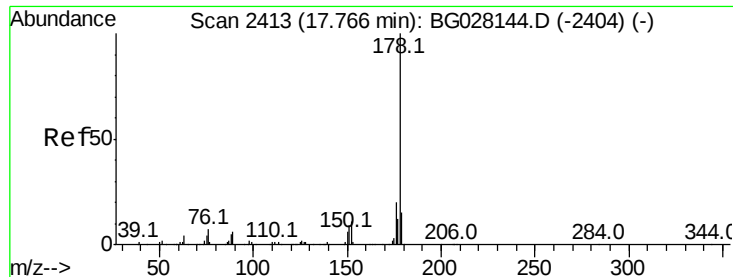
264 62.2 47.1 70.7

268 65.2 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.200 ng/ul

RT: 17.76 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

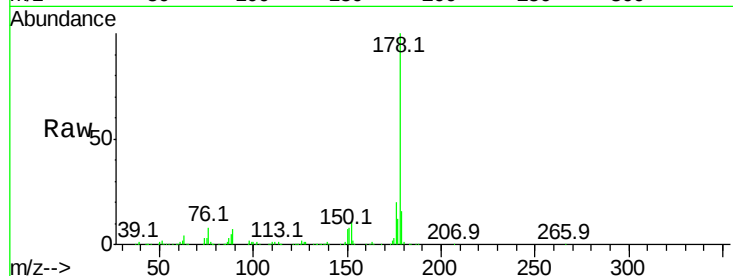
Tot Ion:178 Resp: 352742

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

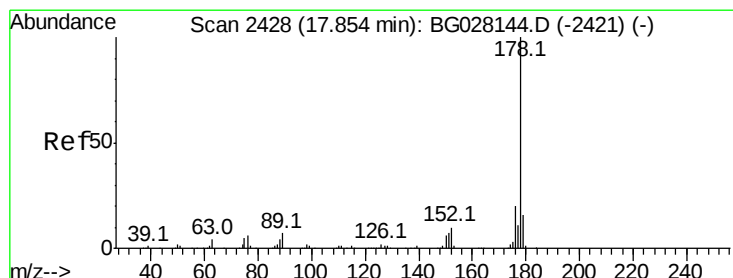
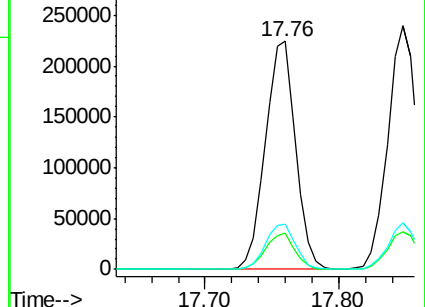
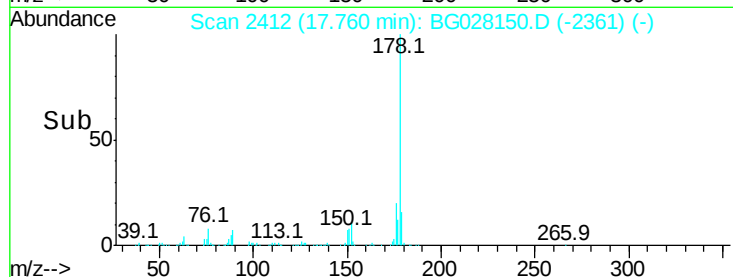
176 19.8 16.5 24.7



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: 20.688 ng/ul

RT: 17.85 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

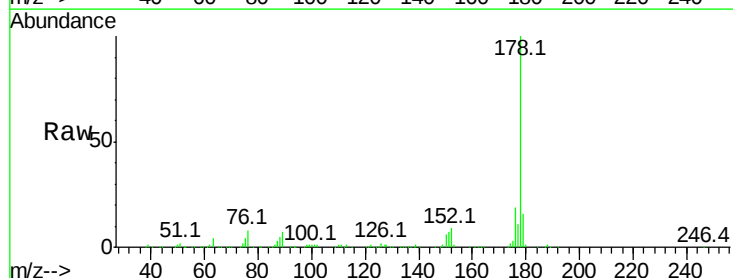
Tgt Ion:178 Resp: 369223

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

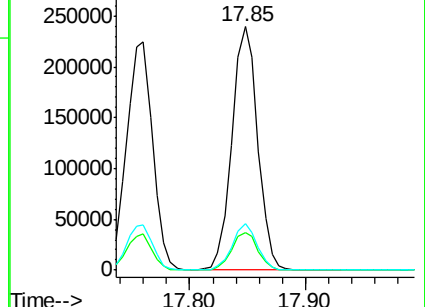
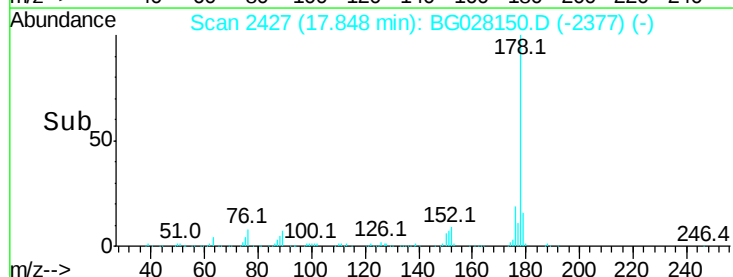
176 19.3 15.9 23.9

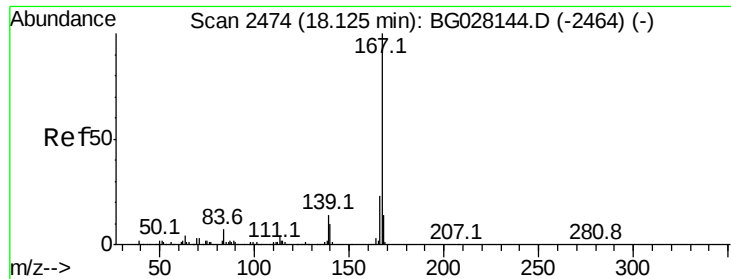


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

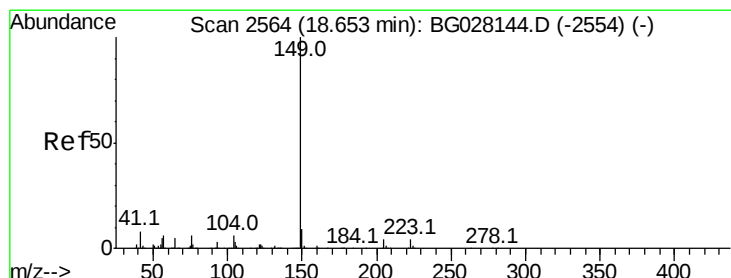
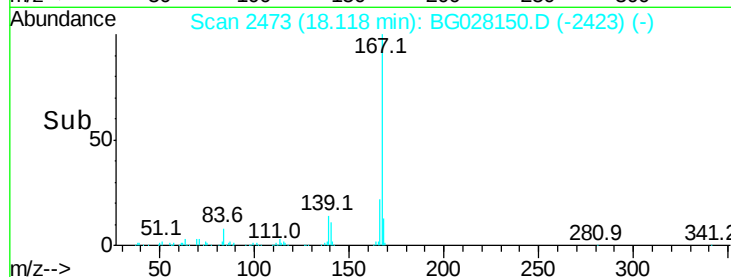
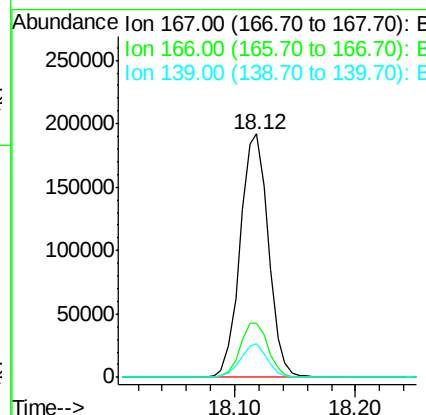
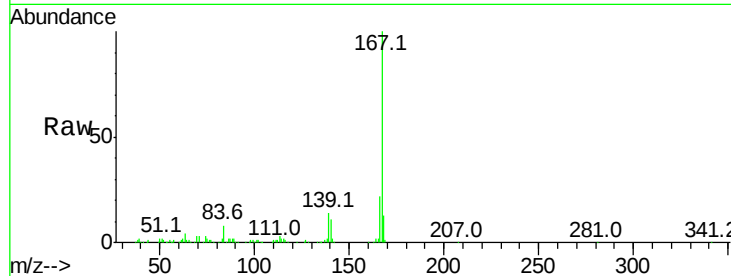




#72
 Carbazole
 Concen: 20.176 ng/ul
 RT: 18.12 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

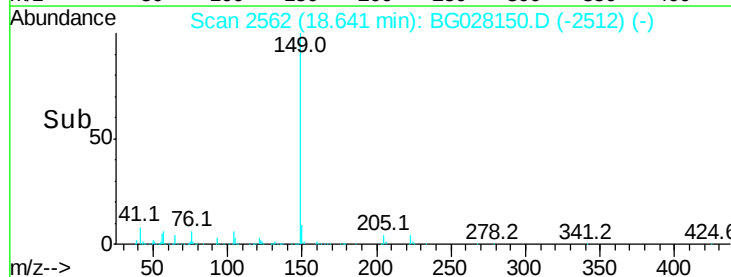
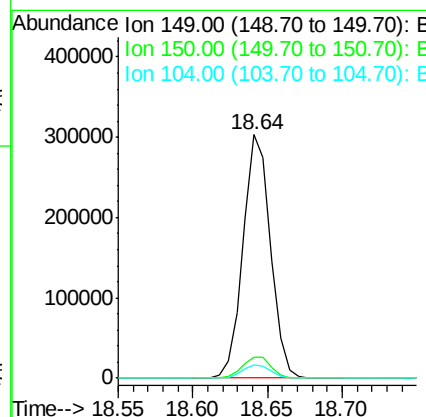
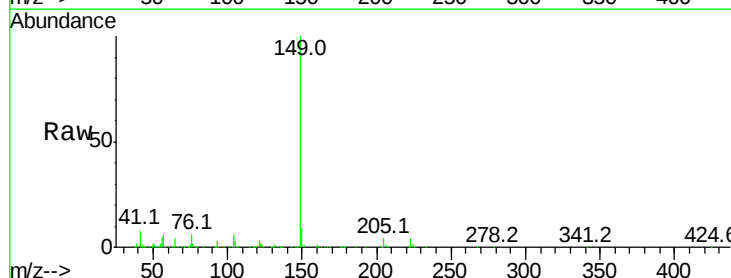
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02098

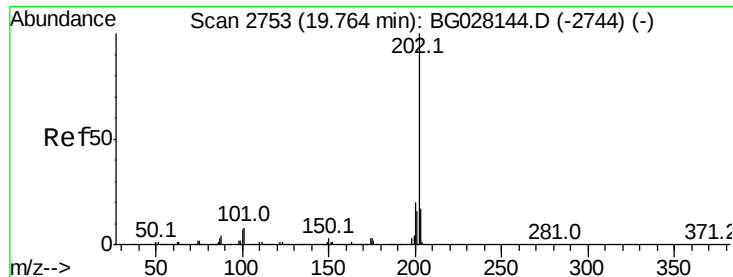
Tot Ion:167 Resp: 313161
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.7 10.5 15.7



#73
 Di-n-butylphthalate
 Concen: 19.942 ng/ul
 RT: 18.64 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG028150.D
 Acq: 7 Aug 2017 10:41

Tgt Ion:149 Resp: 385315
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.9 11.9
 104 5.7 5.8 8.8#





#74

Fluoranthene

Concen: 19.674 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

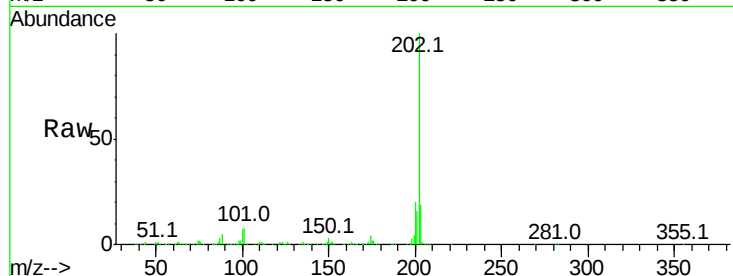
Tot Ion:202 Resp: 417525

Ion Ratio Lower Upper

202 100

101 8.3 6.2 9.2

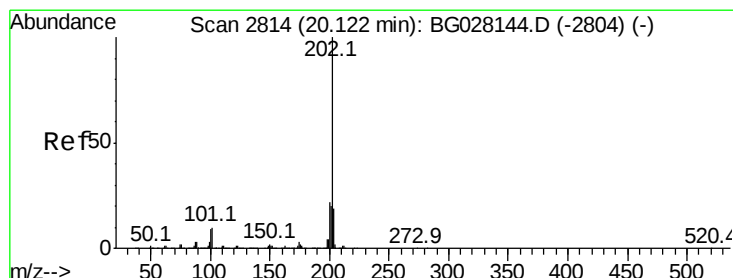
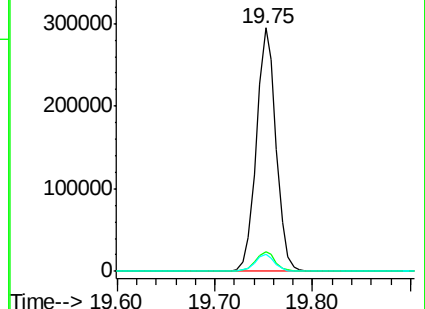
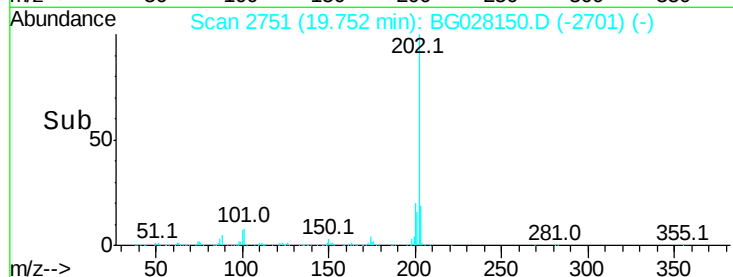
100 6.9 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.405 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

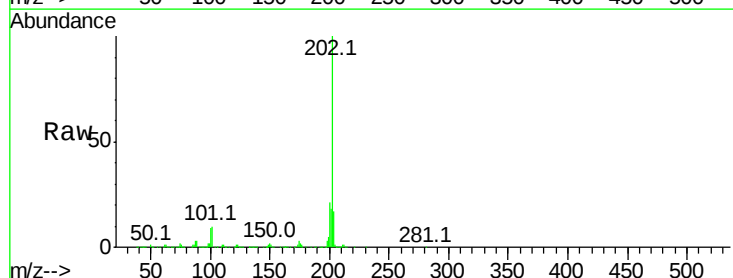
Tgt Ion:202 Resp: 433922

Ion Ratio Lower Upper

202 100

101 10.0 6.9 10.3

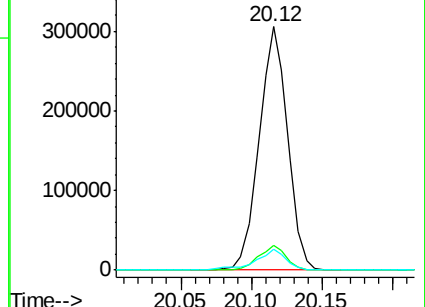
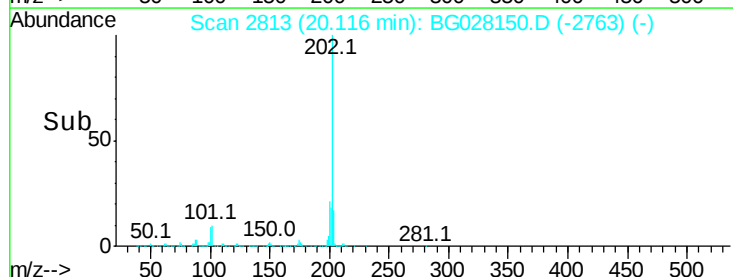
100 8.7 6.6 10.0

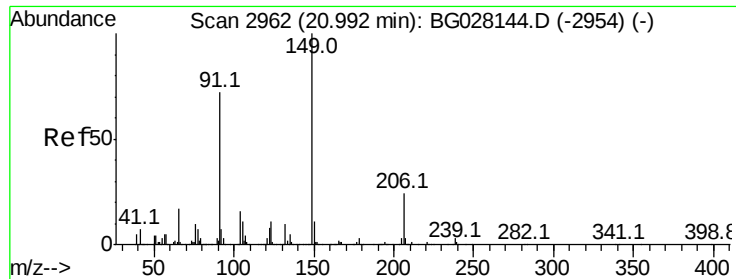


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

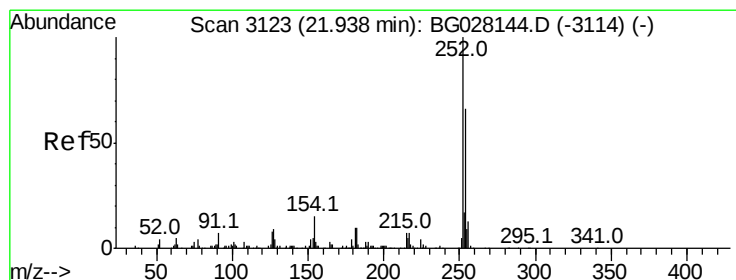
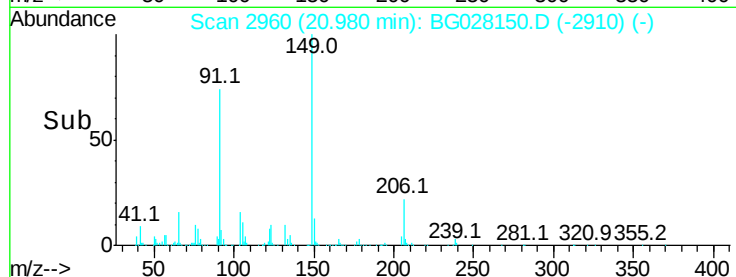
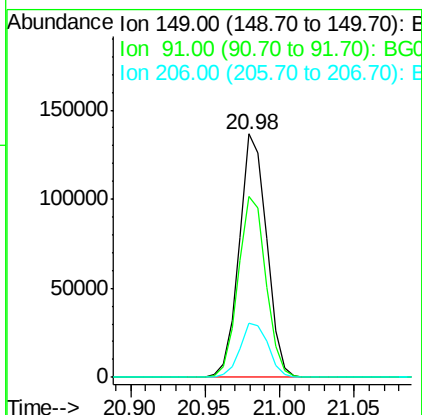
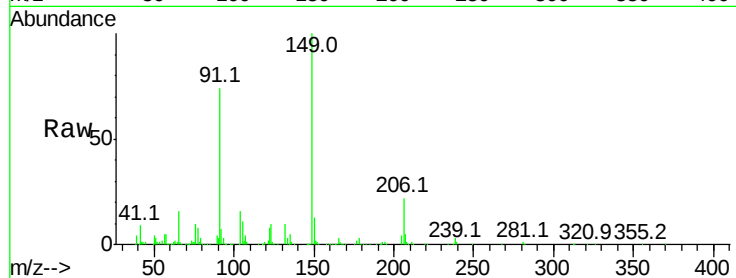




#78
Butylbenzylphthalate
Concen: 20.762 ng/ul
RT: 20.98 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

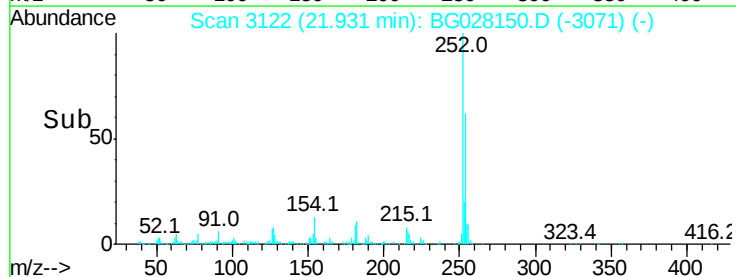
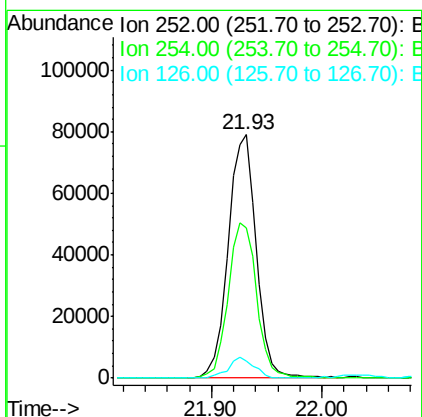
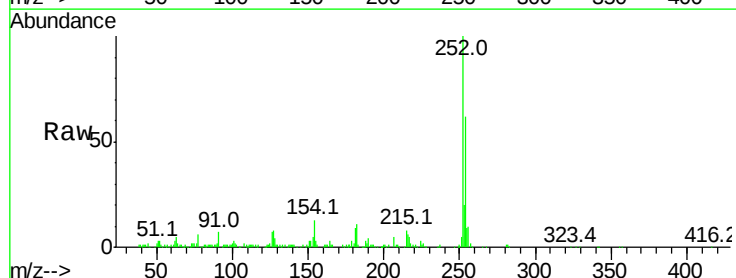
Instrument :
BNA_G
ClientSampleId :
SSTD02098

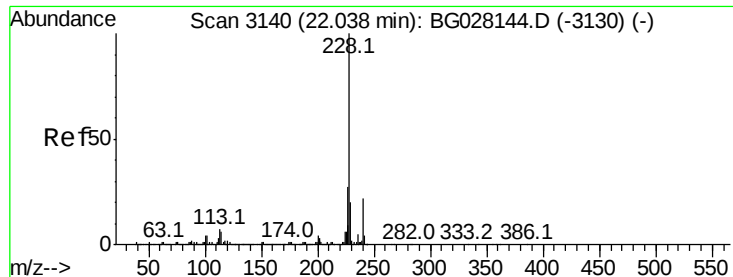
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	65.8	98.6
206	22.4	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 19.417 ng/ul
RT: 21.93 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG028150.D
Acq: 7 Aug 2017 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	49.0	73.6
126	7.2	5.1	7.7





#80

Benzo(a)anthracene

Concen: 19.626 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

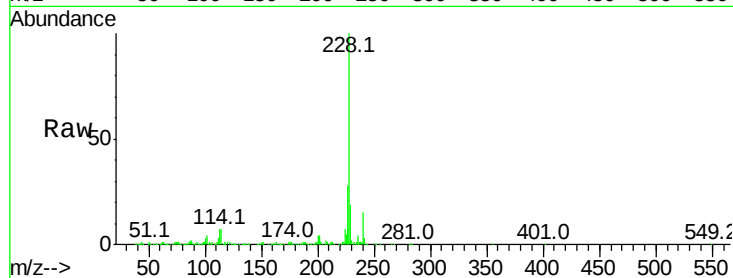
Tot Ion:228 Resp: 425022

Ion Ratio Lower Upper

228 100

229 19.4 16.3 24.5

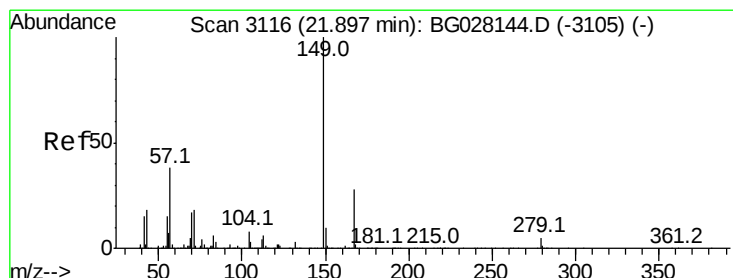
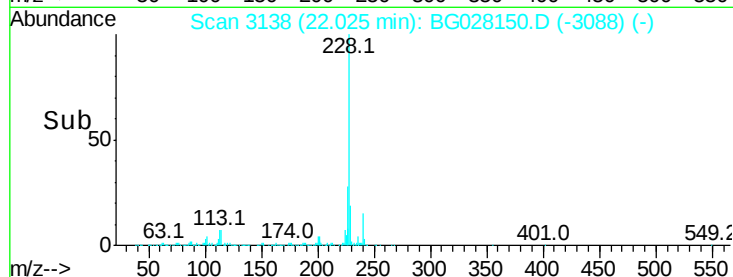
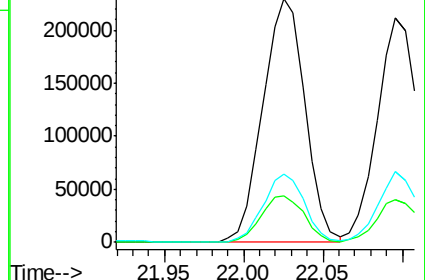
226 28.0 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.292 ng/ul

RT: 21.88 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

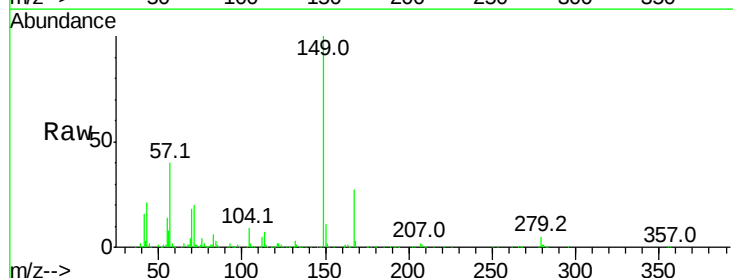
Tgt Ion:149 Resp: 241763

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

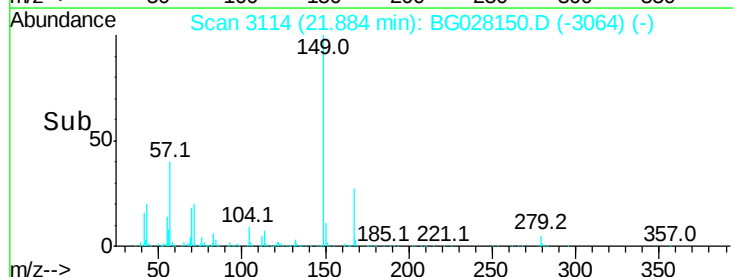
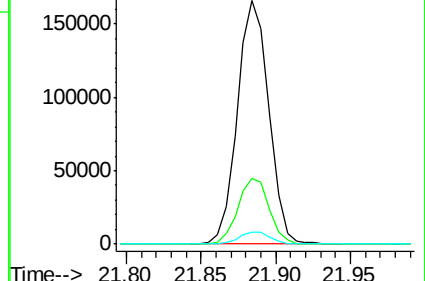
279 4.9 4.5 6.7

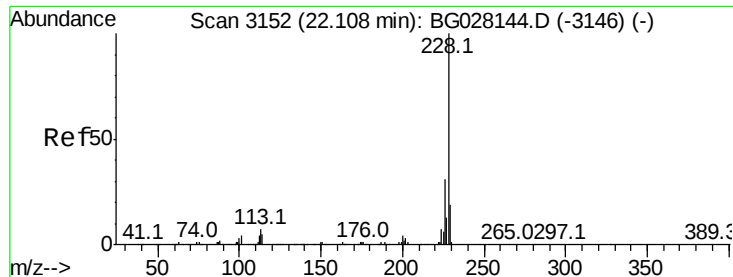


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.514 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

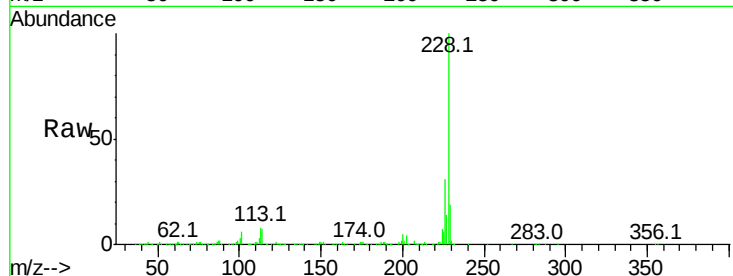
Tot Ion:228 Resp: 380604

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

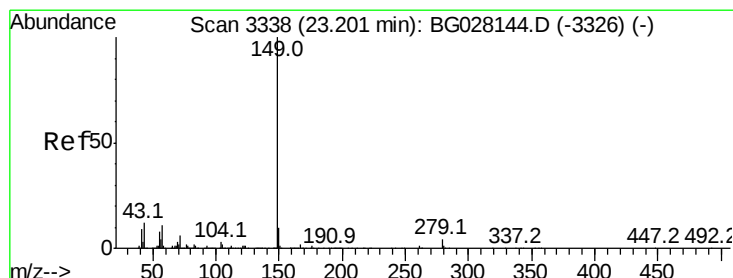
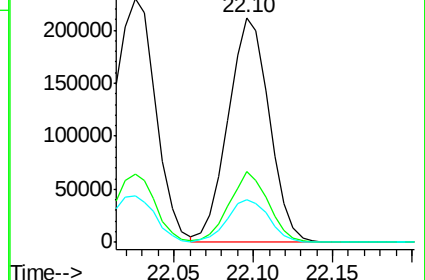
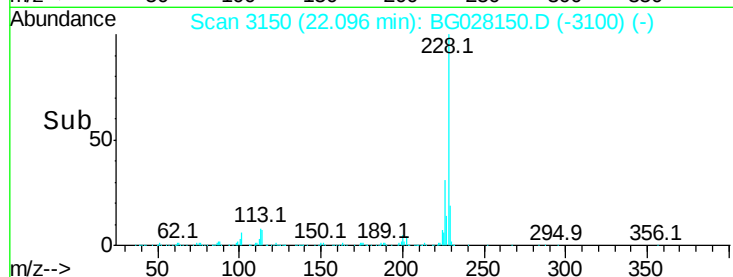
229 19.2 16.9 25.3



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



#84

Di-n-octyl phthalate

Concen: 19.863 ng/ul

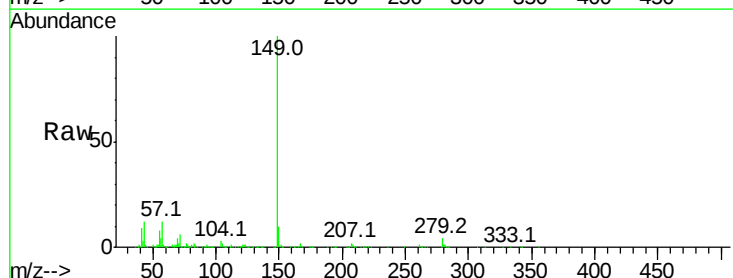
RT: 23.19 min Scan# 3336

Delta R.T. -0.01 min

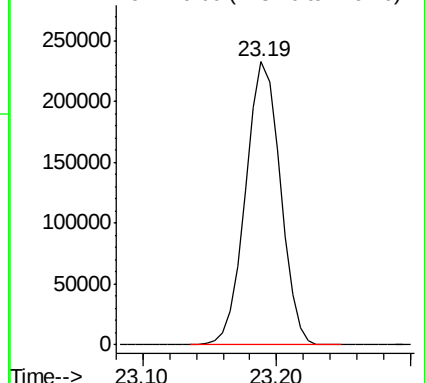
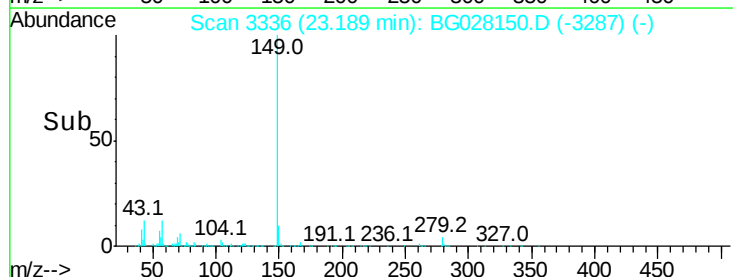
Lab File: BG028150.D

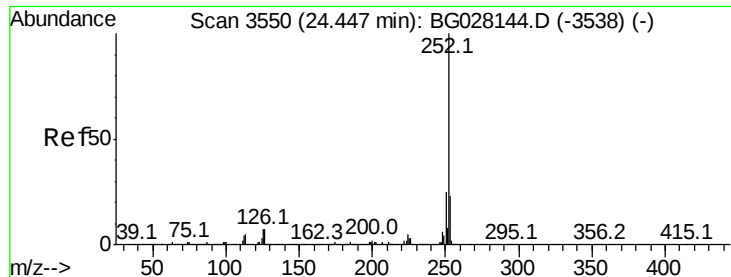
Acq: 7 Aug 2017 10:41

Tgt Ion:149 Resp: 417826



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.754 ng/ul

RT: 24.43 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

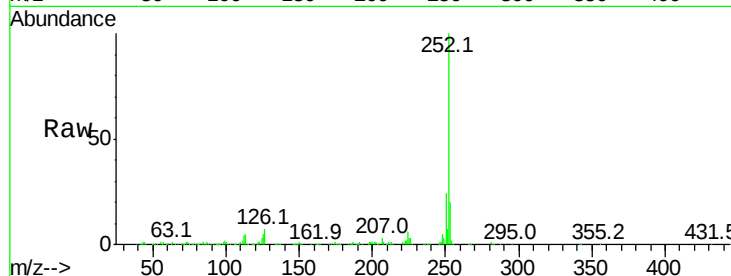
Tot Ion:252 Resp: 414932

Ion Ratio Lower Upper

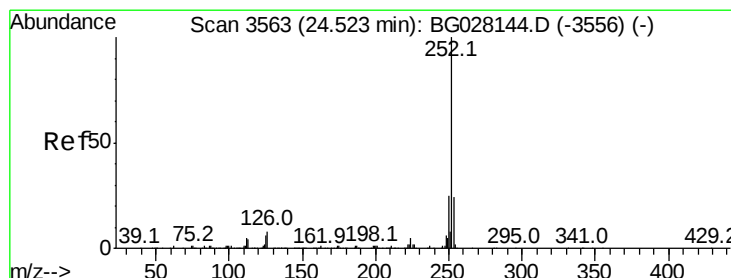
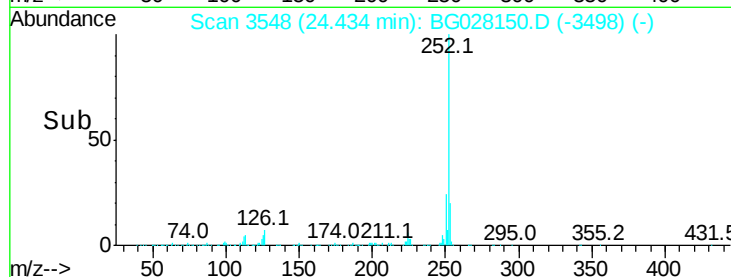
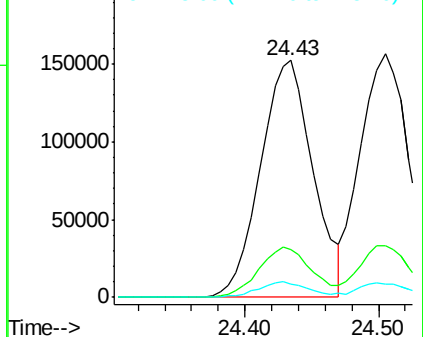
252 100

253 20.4 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: 19.504 ng/ul

RT: 24.50 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

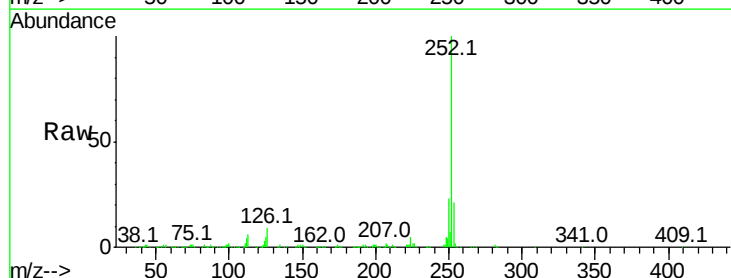
Tgt Ion:252 Resp: 400173

Ion Ratio Lower Upper

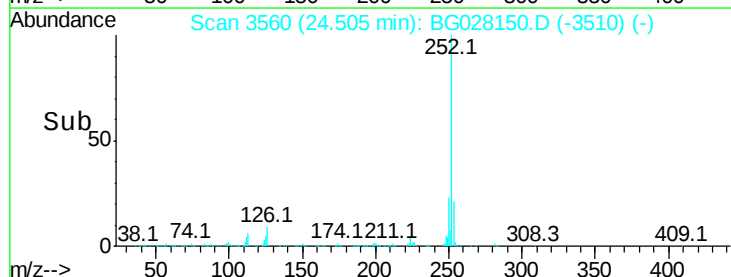
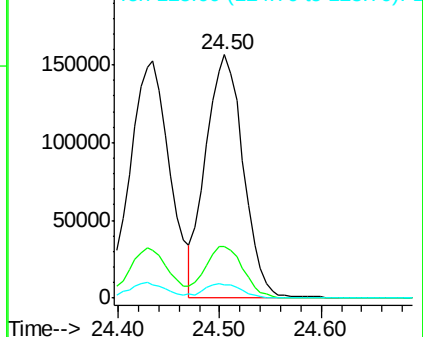
252 100

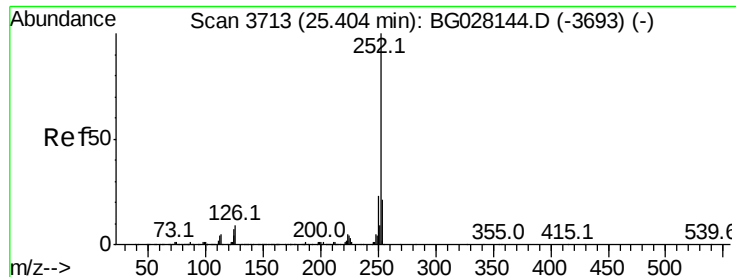
253 21.4 18.5 27.7

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: 19.486 ng/ul

RT: 25.39 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

BNA_G

ClientSampleId :

SSTD02098

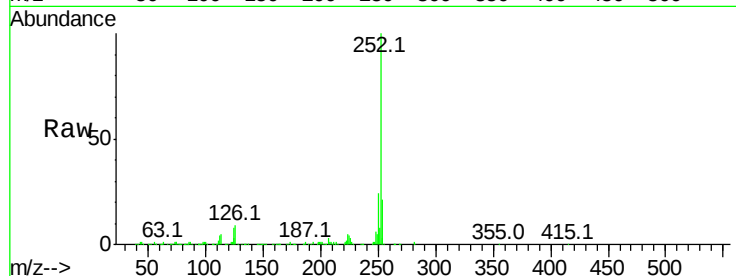
Tot Ion:252 Resp: 396293

Ion Ratio Lower Upper

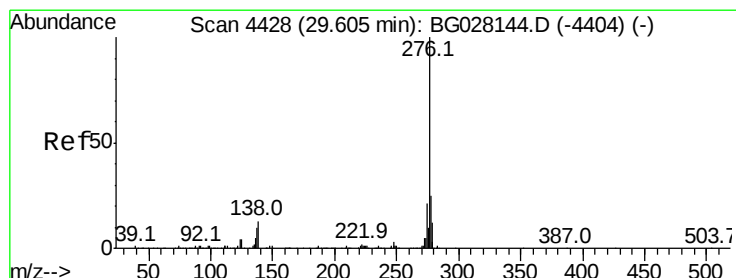
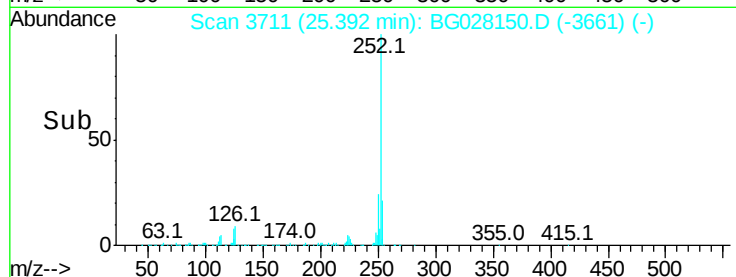
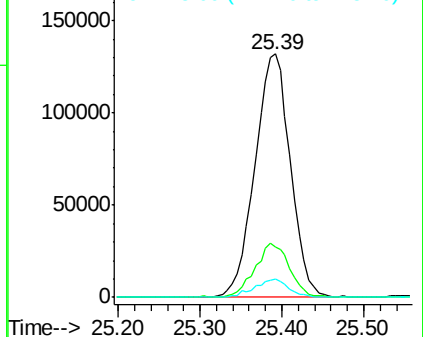
252 100

253 20.9 17.8 26.6

125 7.5 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: 19.222 ng/ul

RT: 29.58 min Scan# 4423

Delta R.T. -0.02 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

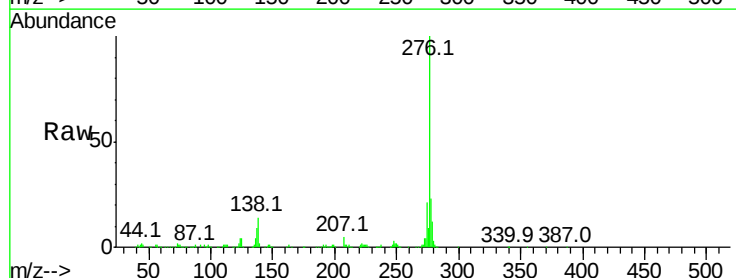
Tgt Ion:276 Resp: 457788

Ion Ratio Lower Upper

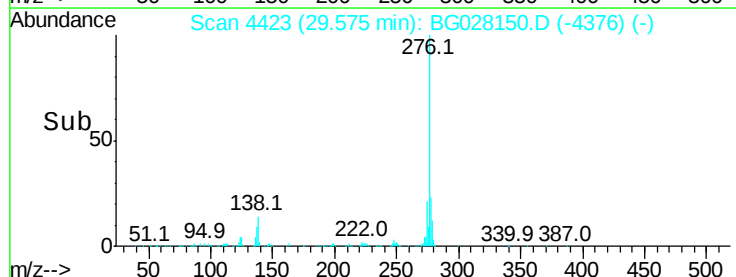
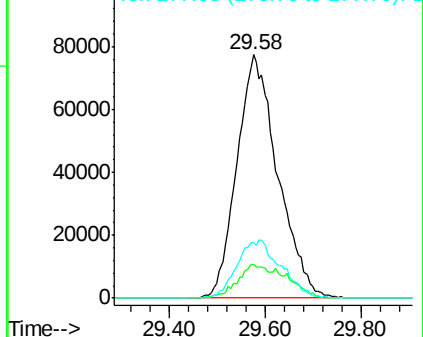
276 100

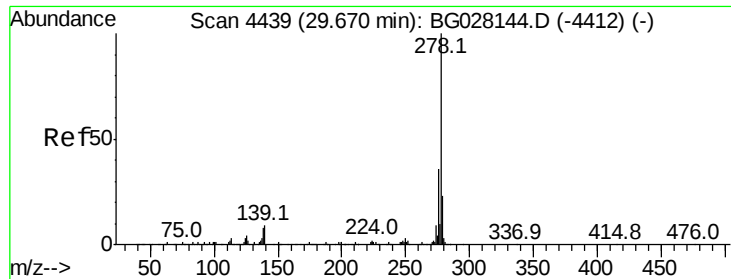
138 13.9 8.2 12.4#

277 22.8 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: 19.427 ng/ul

RT: 29.65 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Instrument :

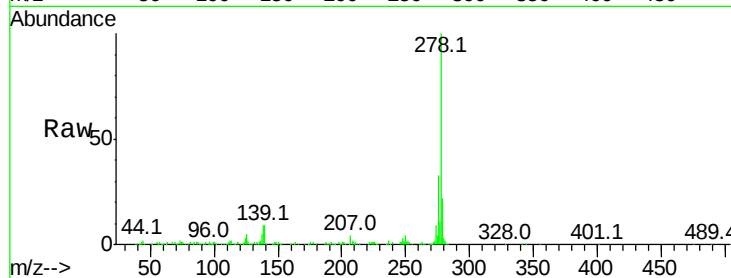
BNA_G

ClientSampleId :

SSTD02098

Tot Ion:278 Resp: 387794

Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.7	10.1
279	21.6	20.9	31.3

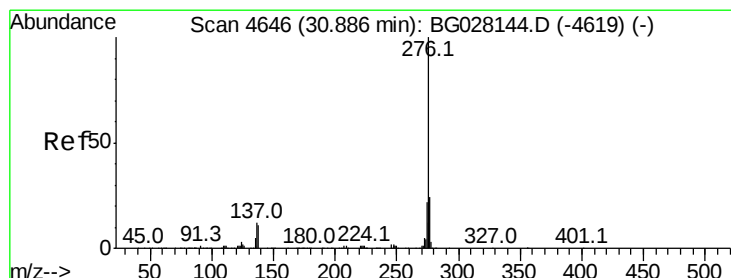
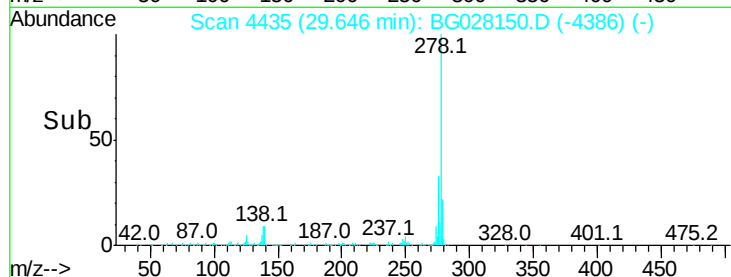
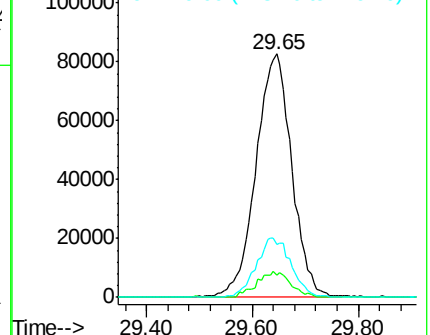


Abundance

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: 19.363 ng/ul

RT: 30.84 min Scan# 4638

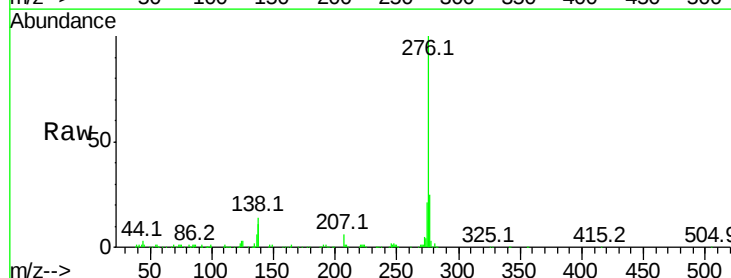
Delta R.T. -0.02 min

Lab File: BG028150.D

Acq: 7 Aug 2017 10:41

Tgt Ion:276 Resp: 379373

Ion	Ratio	Lower	Upper
276	100		
138	14.0	8.6	12.8#
277	25.0	17.6	26.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

