

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080717\
 Data File : BG028180.D
 Acq On : 8 Aug 2017 6:57
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 07:45:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 08 03:54:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	38818	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	174606	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	125051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	335208	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	367588	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	344496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	6956	8.34	ng/uL	0.00
5) Phenol-d5	7.50	99	72669	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50152	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	51731	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	62391	17.51	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	27304	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	31294	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	58886	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75652	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	225933	20.31	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	254628	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	35534	20.09	ng/ul	0.00
57) Fluorene-d10	15.95	176	197493	19.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	42003	19.29	ng/ul	0.00
70) Anthracene-d10	17.81	188	321746	20.02	ng/ul	0.00
76) Pyrene-d10	20.08	212	361355	19.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317840	19.71	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.88	88	8047	9.191	ng/uL#	79
4) Benzaldehyde	7.50	77	51131	20.753	ng/ul	96
6) Phenol	7.53	94	78201	18.457	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.76	93	53617	18.577	ng/ul	88
10) 2-Chlorophenol	7.92	128	50478	19.260	ng/ul	98
11) 2-Methylphenol	8.78	108	52108	17.423	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.88	45	127380	18.181	ng/ul#	92
14) Acetophenone	9.18	105	90234	17.757	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.15	70	51710	17.904	ng/ul#	96
16) 4-Methylphenol	9.11	108	60044	17.781	ng/ul	96
17) Hexachloroethane	9.44	117	21722	20.001	ng/ul#	84
20) Nitrobenzene	9.57	77	78493	19.860	ng/ul	99
21) Isophorone	10.08	82	150060	19.984	ng/ul#	97
23) 2-Nitrophenol	10.28	139	30722	20.329	ng/ul	92
24) 2,4-Dimethylphenol	10.32	107	73626	19.600	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	79460	19.427	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	53583	19.004	ng/ul	90
28) Naphthalene	11.23	128	170390	19.703	ng/ul	98
30) 4-Chloroaniline	11.33	127	72183	21.599	ng/ul	92
31) Hexachlorobutadiene	11.50	225	41894	20.130	ng/ul	93
32) Caprolactam	12.10	113	24647	21.022	ng/ul	88
33) 4-Chloro-3-methylphenol	12.43	107	70082	19.473	ng/ul	92
34) 2-Methylnaphthalene	12.81	142	134386	19.347	ng/ul	95

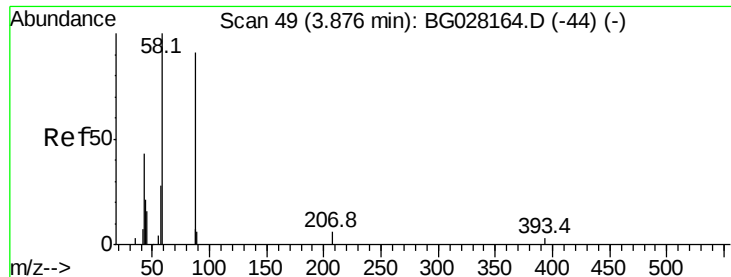
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	80907	20.072	ng/ul	93
37) Hexachlorocyclopentadiene	13.14	237	41852	18.817	ng/ul	97
38) 2,4,6-Trichlorophenol	13.40	196	54645	21.751	ng/ul	97
39) 2,4,5-Trichlorophenol	13.48	196	59393	21.690	ng/ul	95
40) 1,1'-Biphenyl	13.80	154	185280	20.287	ng/ul	98
41) 2-Chloronaphthalene	13.85	162	142695	19.771	ng/ul	97
42) 2-Nitroaniline	14.05	65	61894	20.453	ng/ul	97
44) Dimethylphthalate	14.40	163	206012	20.117	ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	43793	20.711	ng/ul	93
47) Acenaphthylene	14.69	152	237218	19.794	ng/ul	99
48) 3-Nitroaniline	14.86	138	40936	21.501	ng/ul#	97
49) Acenaphthene	15.03	153	163046	20.164	ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	23655	19.856	ng/ul#	85
52) 4-Nitrophenol	15.16	109	36543	19.943	ng/ul#	78
53) Dibenzofuran	15.36	168	231583	19.644	ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	68845	21.484	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.59	232	54415	21.337	ng/ul#	96
56) Diethylphthalate	15.76	149	236119	19.654	ng/ul	99
58) Fluorene	16.00	166	204331	19.577	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	111927	19.988	ng/ul#	85
60) 4-Nitroaniline	16.03	138	45513	20.149	ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.08	198	43224	19.576	ng/ul#	99
64) N-Nitrosodiphenylamine	16.20	169	175283	19.876	ng/ul	94
65) 4-Bromophenyl-phenylether	16.89	248	72605	20.152	ng/ul#	80
66) Hexachlorobenzene	17.02	284	77270	20.147	ng/ul	94
67) Atrazine	17.14	200	74896	19.480	ng/ul	97
68) Pentachlorophenol	17.36	266	35390	18.217	ng/ul	91
69) Phenanthrene	17.76	178	347155	20.579	ng/ul	97
71) Anthracene	17.84	178	350762	20.344	ng/ul	98
72) Carbazole	18.11	167	293432	19.569	ng/ul	97
73) Di-n-butylphthalate	18.64	149	376493	20.170	ng/ul	98
74) Fluoranthene	19.75	202	402188	19.617	ng/ul	99
77) Pyrene	20.11	202	425007	19.380	ng/ul	98
78) Butylbenzylphthalate	20.98	149	169481	20.628	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.93	252	139955	19.734	ng/ul#	99
80) Benzo(a)anthracene	22.02	228	423775	19.953	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.89	149	236469	20.238	ng/ul#	98
82) Chrysene	22.10	228	377563	19.739	ng/ul	99
84) Di-n-octyl phthalate	23.19	149	406603	19.695	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	409945	19.886	ng/ul#	98
86) Benzo(k)fluoranthene	24.50	252	395199	19.626	ng/ul#	97
88) Benzo(a)pyrene	25.38	252	395572	19.818	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	451912	19.334	ng/ul#	94
90) Dibenzo(a,h)anthracene	29.63	278	387641	19.786	ng/ul	98
91) Benzo(g,h,i)perylene	30.84	276	382160	19.874	ng/ul	99

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



#2

1,4-Dioxane

Concen: 9.191 ng/uL

RT: 3.88 min Scan# 49

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

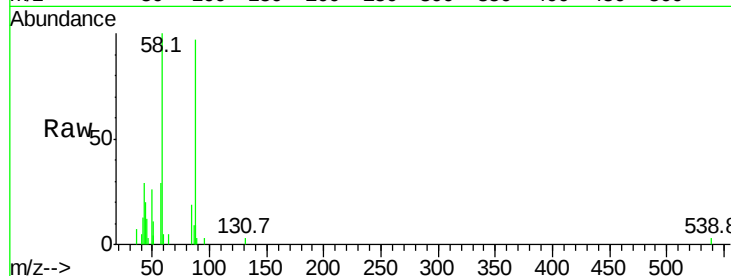
Tot Ion: 88 Resp: 8047

Ion Ratio Lower Upper

88 100

43 30.1 39.2 58.8#

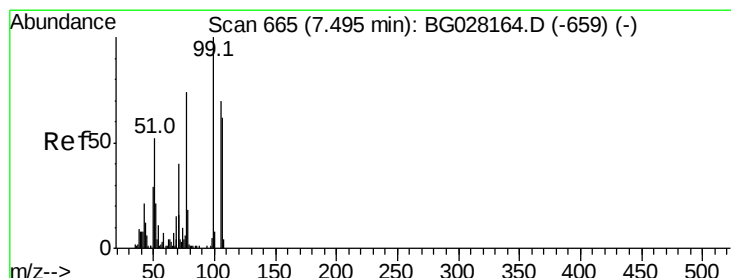
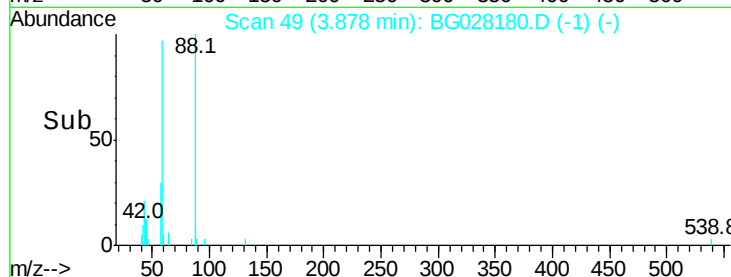
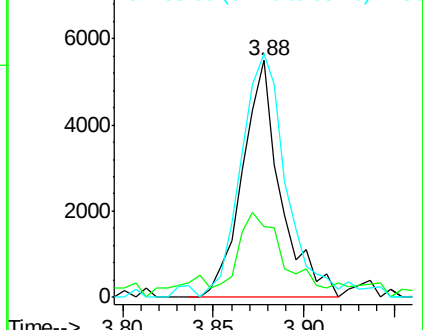
58 102.9 69.4 104.0



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: 20.753 ng/uL

RT: 7.50 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

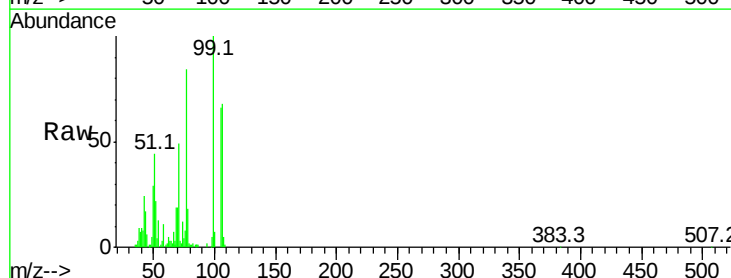
Tgt Ion: 77 Resp: 51131

Ion Ratio Lower Upper

77 100

105 78.8 62.0 93.0

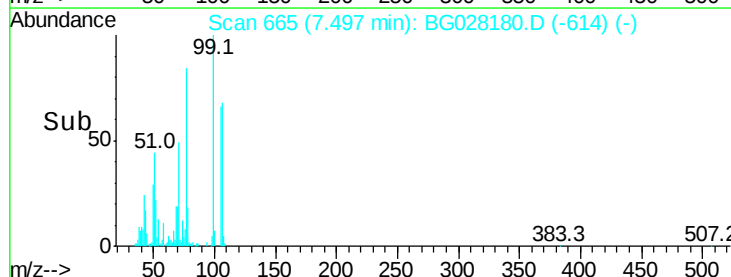
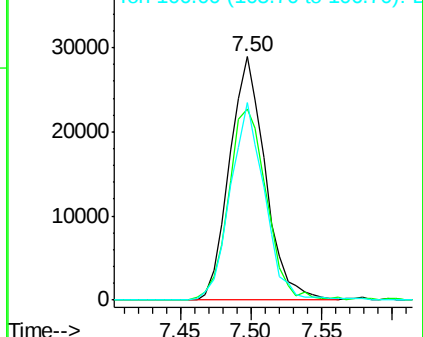
106 81.0 60.2 90.4

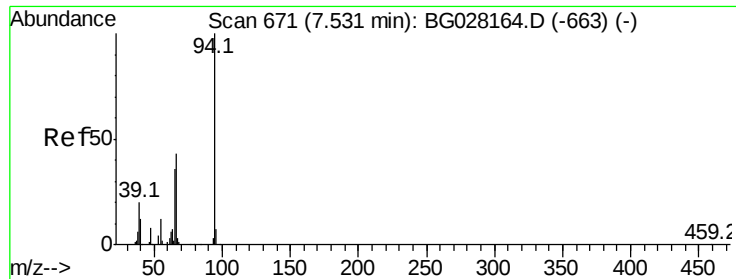


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 18.457 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

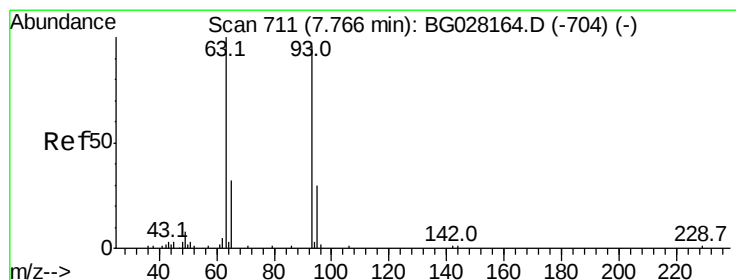
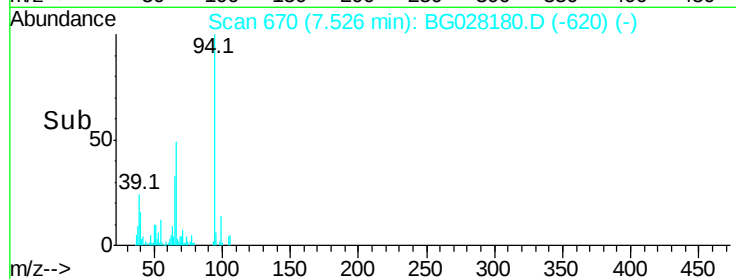
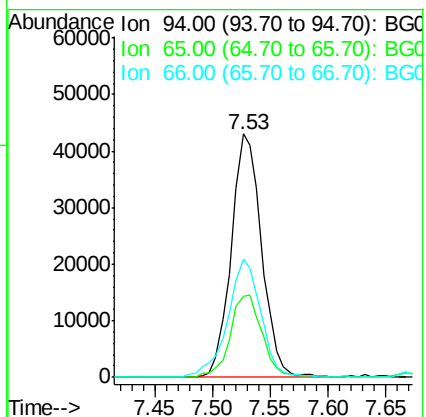
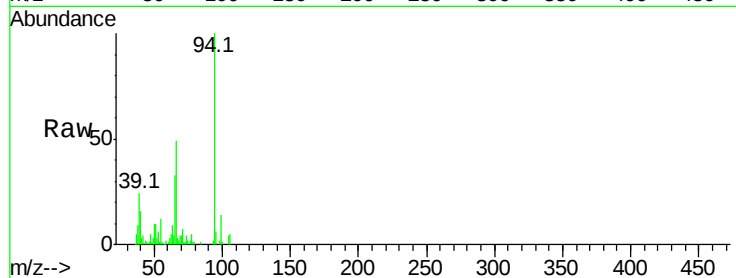
Tot Ion: 94 Resp: 78201

Ion Ratio Lower Upper

94 100

65 33.4 26.8 40.2

66 48.7 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 18.577 ng/ul

RT: 7.76 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

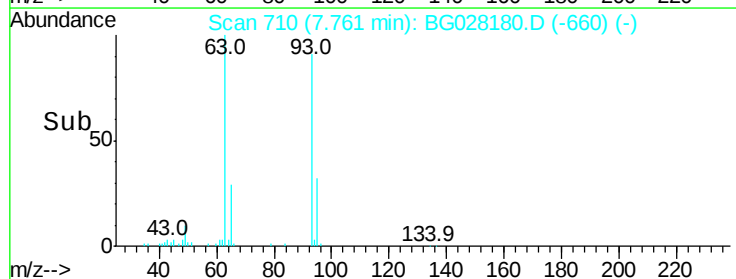
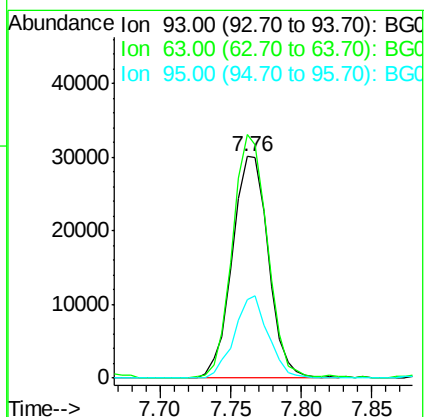
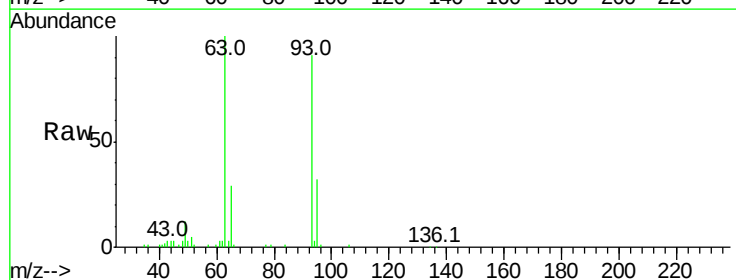
Tgt Ion: 93 Resp: 53617

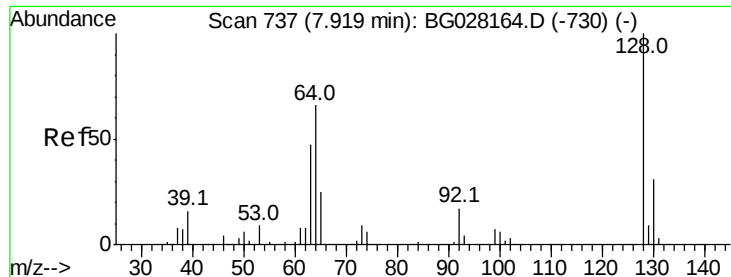
Ion Ratio Lower Upper

93 100

63 109.8 75.5 113.3

95 35.5 29.2 43.8

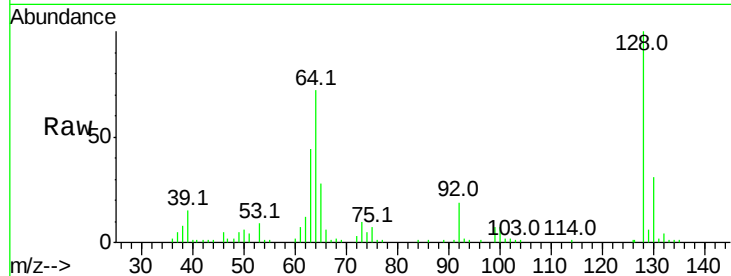




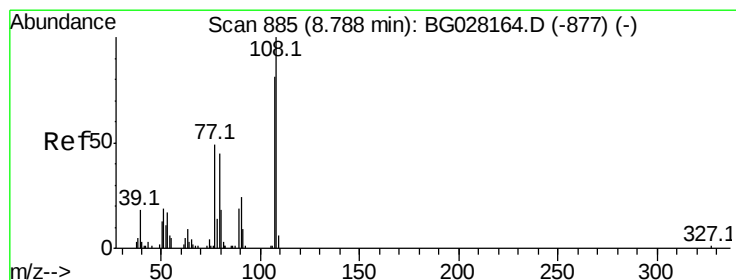
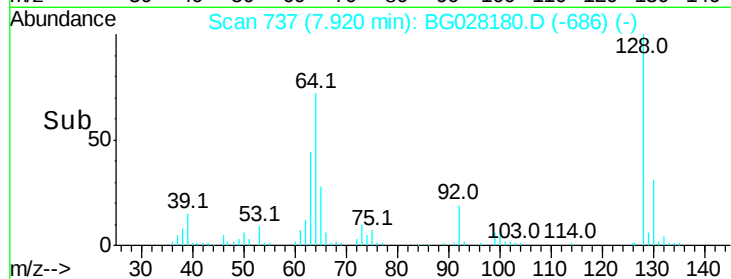
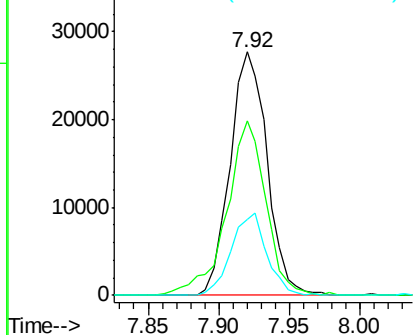
#10
2-Chlorophenol
Concen: 19.260 ng/ul
RT: 7.92 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 50478
Ion Ratio Lower Upper
128 100
64 71.7 56.3 84.5
130 31.2 26.7 40.1

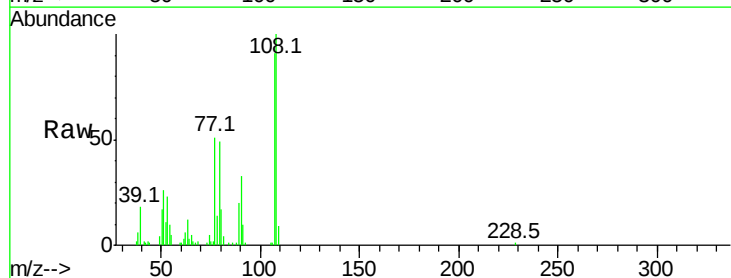


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

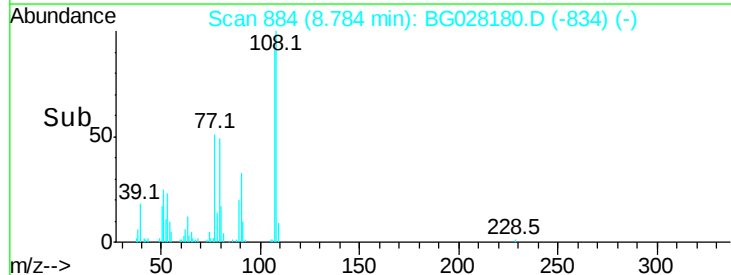
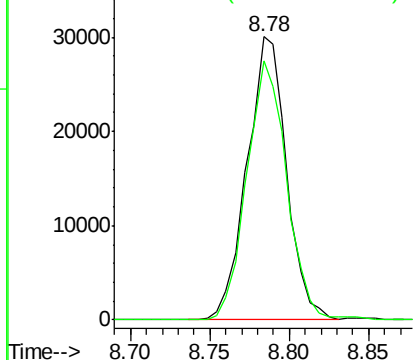


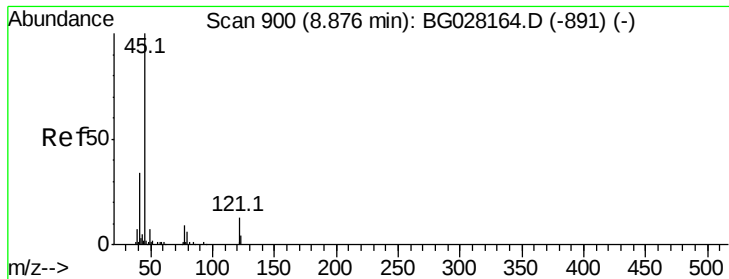
#11
2-Methylphenol
Concen: 17.423 ng/ul
RT: 8.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion:108 Resp: 52108
Ion Ratio Lower Upper
108 100
107 91.5 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

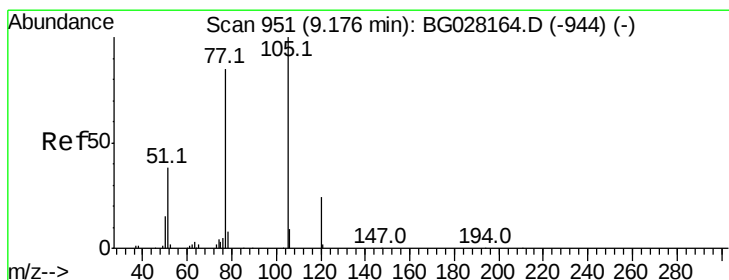
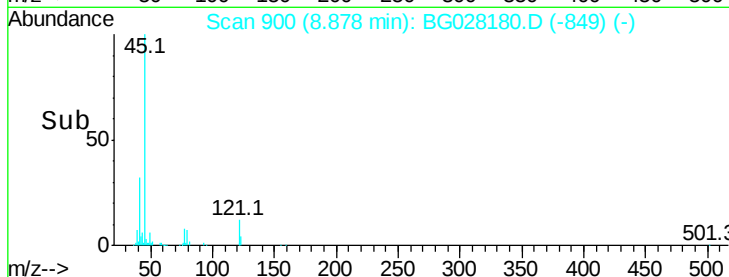
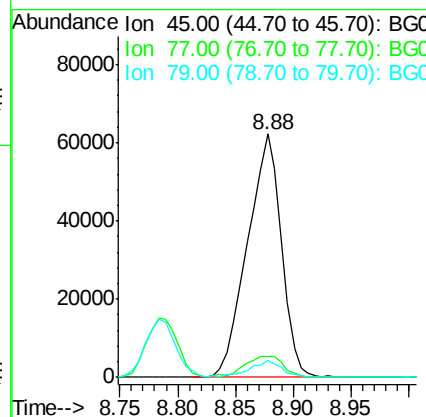
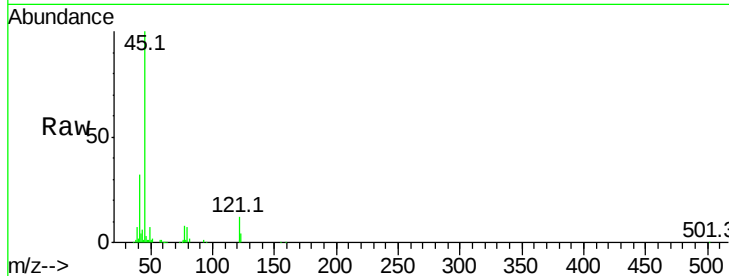




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.181 ng/ul
RT: 8.88 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

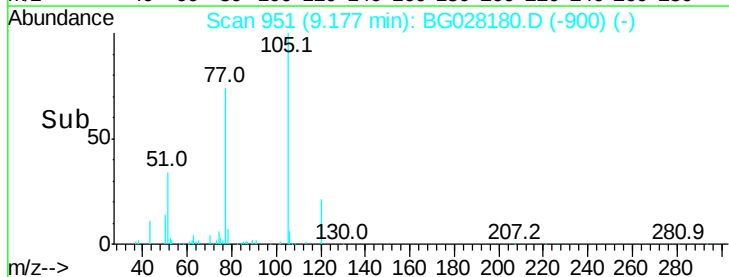
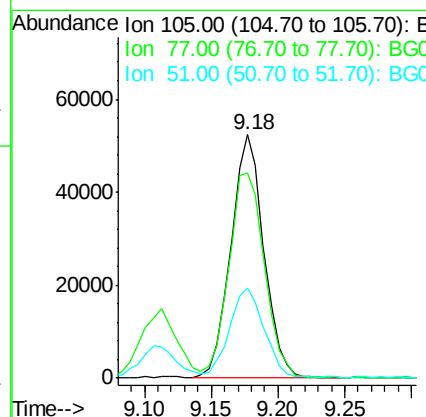
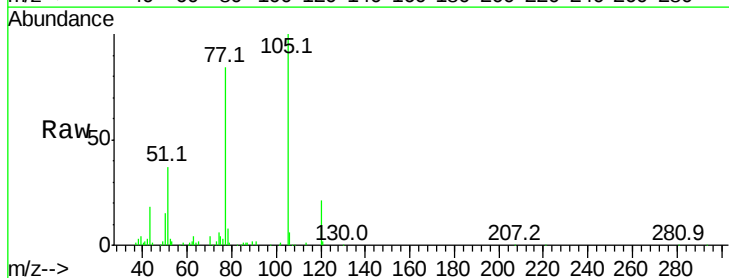
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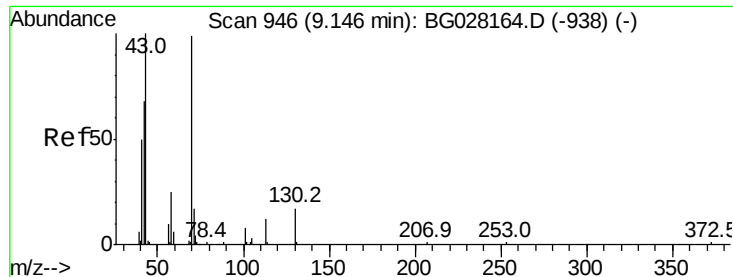
Tot Ion: 45 Resp: 127380
Ion Ratio Lower Upper
45 100
77 8.4 10.0 15.0#
79 7.2 7.3 10.9#



#14
Acetophenone
Concen: 17.757 ng/ul
RT: 9.18 min Scan# 951
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion:105 Resp: 90234
Ion Ratio Lower Upper
105 100
77 84.2 76.0 114.0
51 36.7 34.8 52.2





#15

N-Nitroso-di-n-propylamine

Concen: 17.904 ng/ul

RT: 9.15 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 51710

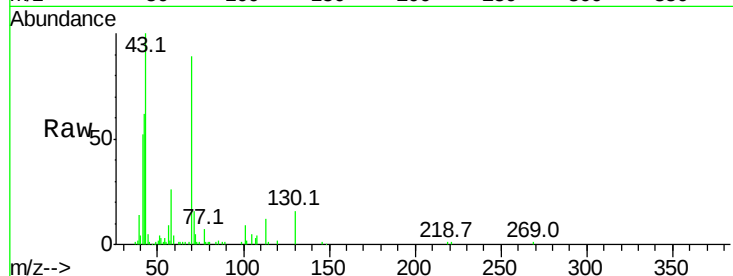
Ion	Ratio	Lower	Upper
70	100		
42	70.3	59.0	88.6
101	10.7	6.6	9.8#
130	18.4	15.6	23.4

70 100

42 70.3 59.0 88.6

101 10.7 6.6 9.8#

130 18.4 15.6 23.4



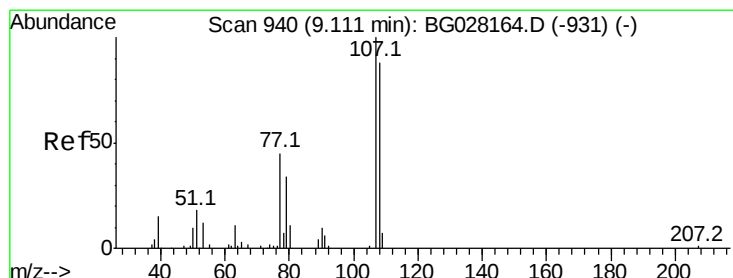
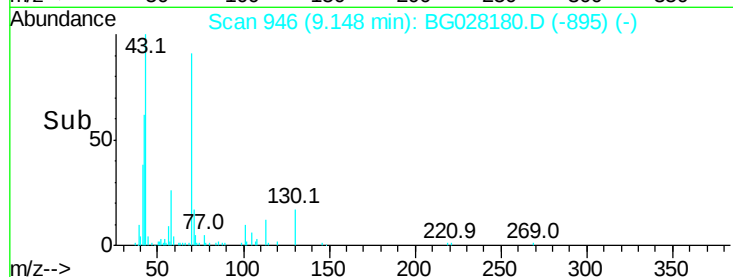
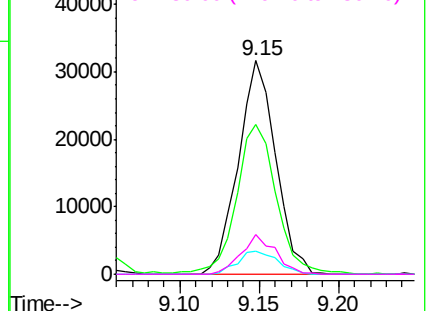
Abundance

Ion 70.00 (69.70 to 70.70): BG028180.D (-895) (-)

Ion 42.00 (41.70 to 42.70): BG028180.D (-895) (-)

Ion 101.00 (100.70 to 101.70): BG028180.D (-895) (-)

Ion 130.00 (129.70 to 130.70): BG028180.D (-895) (-)



#16

4-Methylphenol

Concen: 17.781 ng/ul

RT: 9.11 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG028180.D

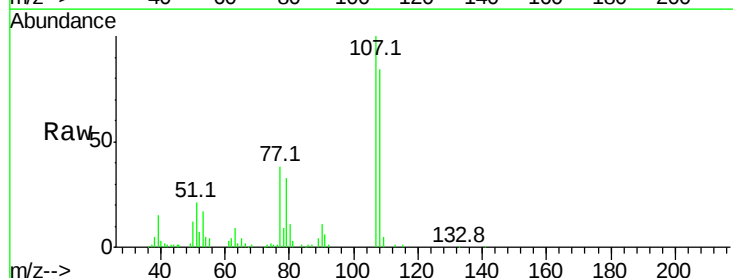
Acq: 8 Aug 2017 6:57

Tgt Ion: 108 Resp: 60044

Ion	Ratio	Lower	Upper
108	100		
107	118.9	91.7	137.5

108 100

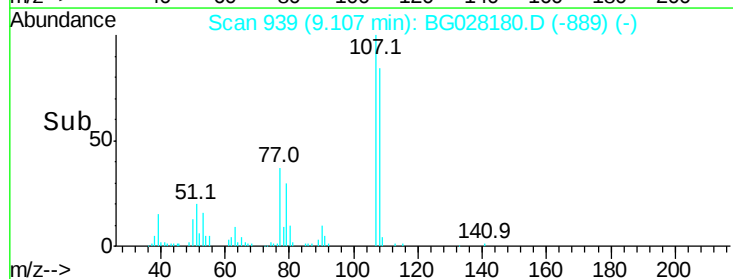
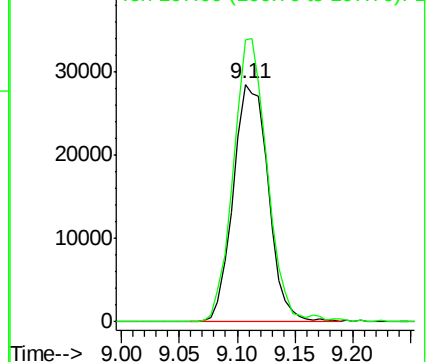
107 118.9 91.7 137.5

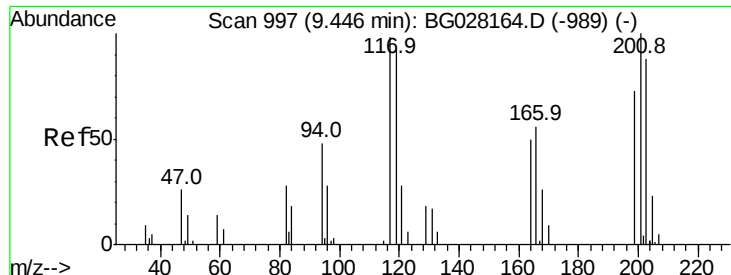


Abundance

Ion 108.00 (107.70 to 108.70): BG028180.D (-889) (-)

Ion 107.00 (106.70 to 107.70): BG028180.D (-889) (-)

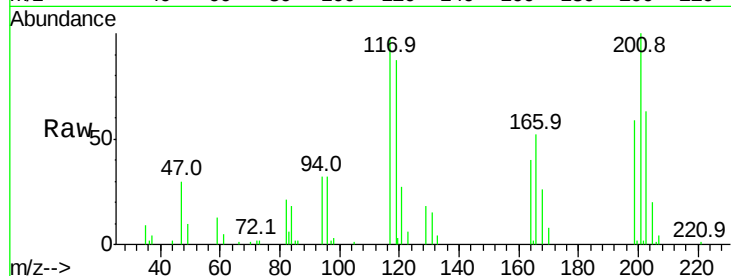




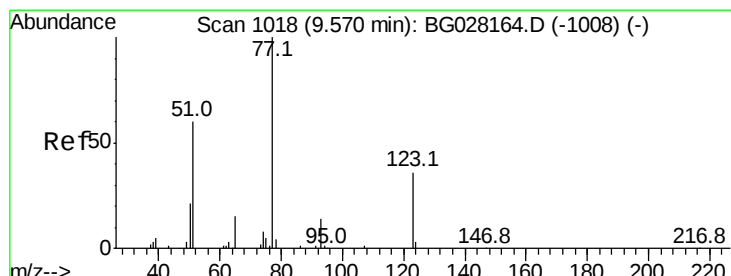
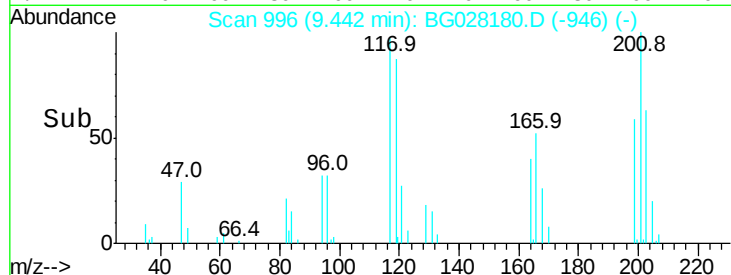
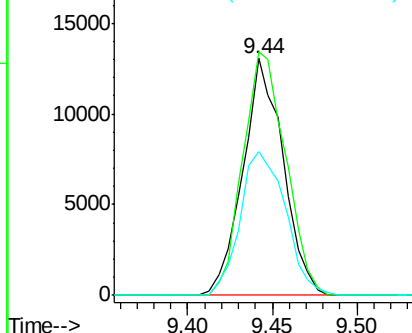
#17
Hexachloroethane
Concen: 20.001 ng/ul
RT: 9.44 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 21722
Ion Ratio Lower Upper
117 100
201 102.8 91.9 137.9
199 60.5 64.3 96.5#

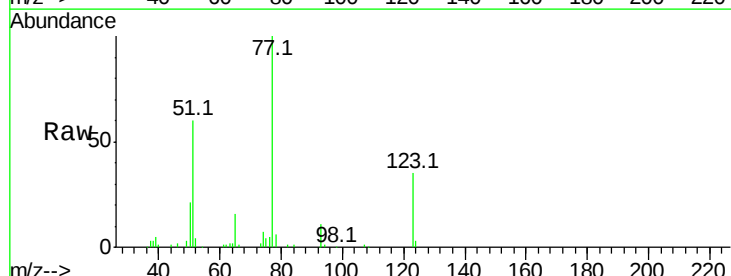


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

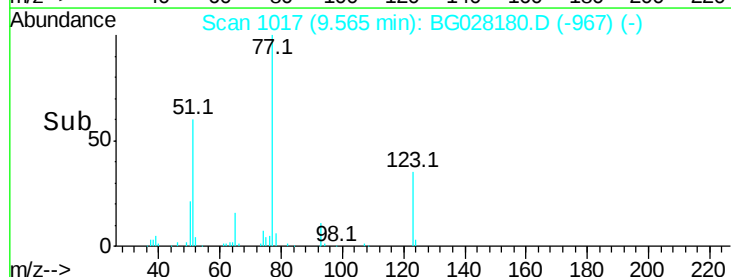
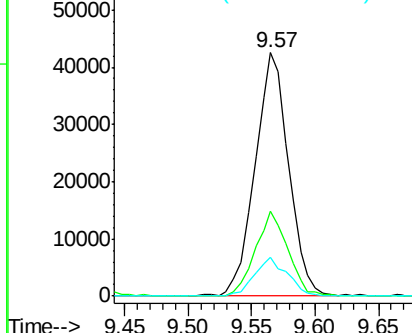


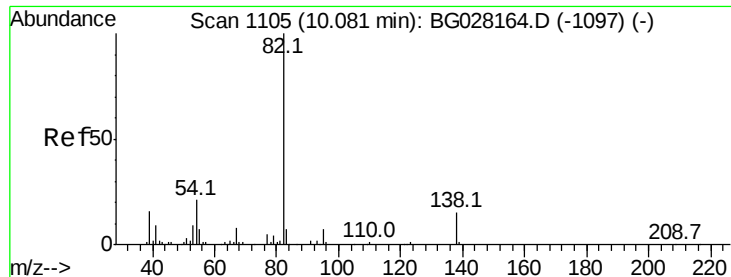
#20
Nitrobenzene
Concen: 19.860 ng/ul
RT: 9.57 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion: 77 Resp: 78493
Ion Ratio Lower Upper
77 100
123 34.8 27.4 41.0
65 16.0 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: 19.984 ng/ul

RT: 10.08 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

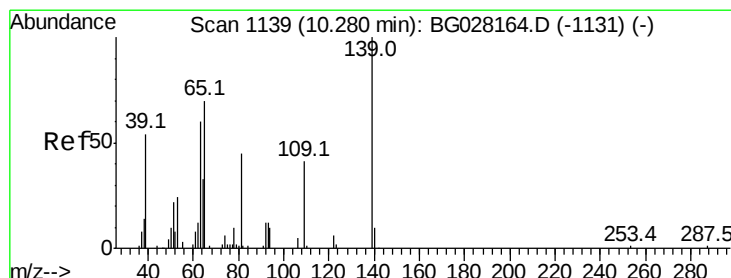
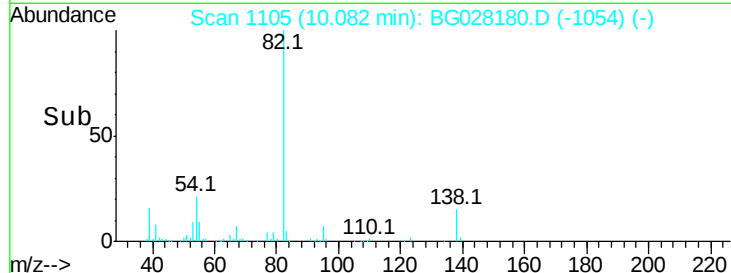
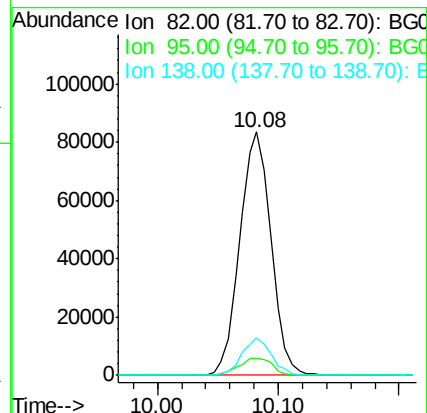
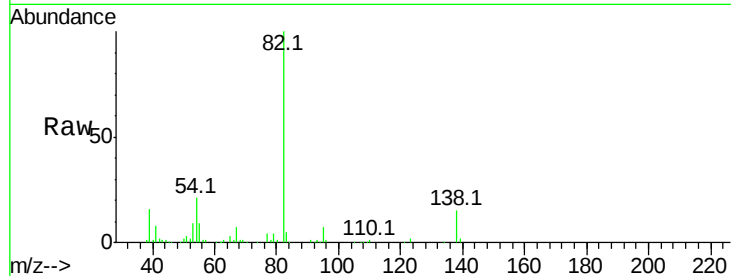
Tot Ion: 82 Resp: 150060

Ion Ratio Lower Upper

82 100

95 7.2 7.8 11.6#

138 15.3 12.2 18.2



#23

2-Nitrophenol

Concen: 20.329 ng/ul

RT: 10.28 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

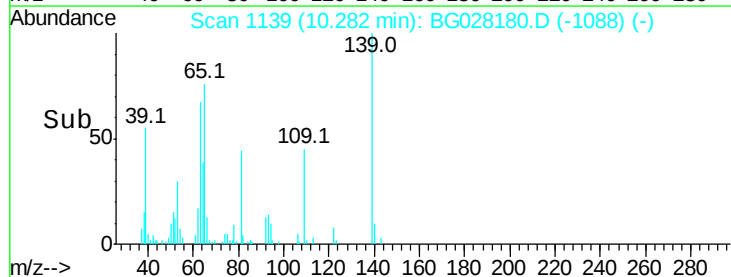
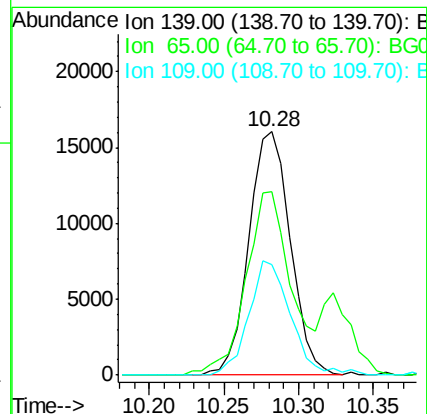
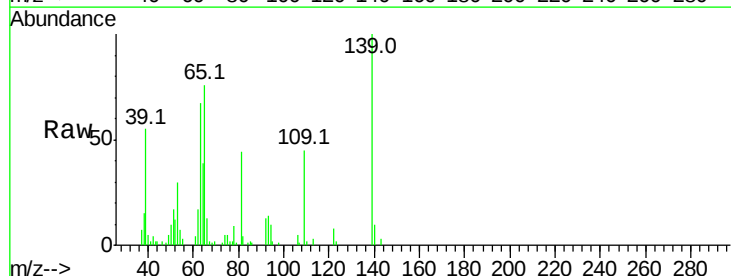
Tgt Ion: 139 Resp: 30722

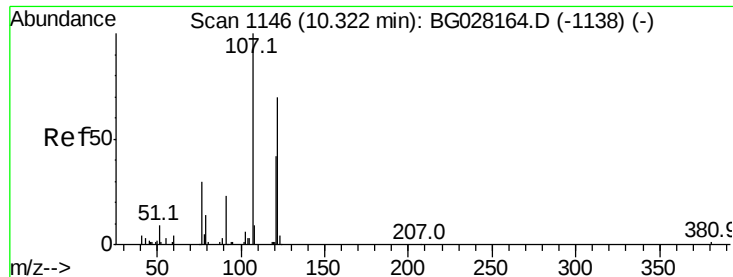
Ion Ratio Lower Upper

139 100

65 75.6 67.0 100.6

109 45.2 39.6 59.4

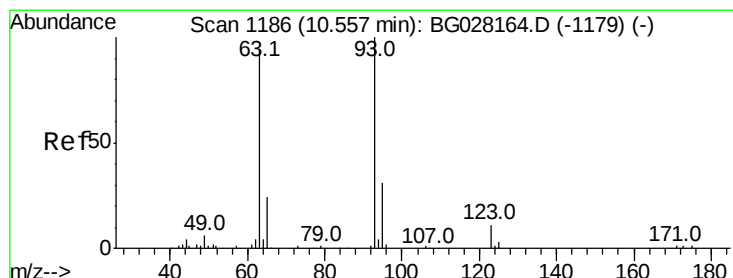
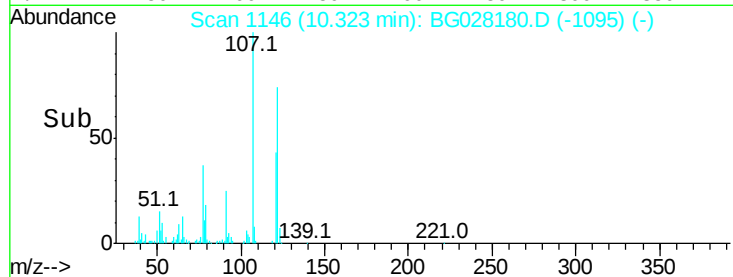
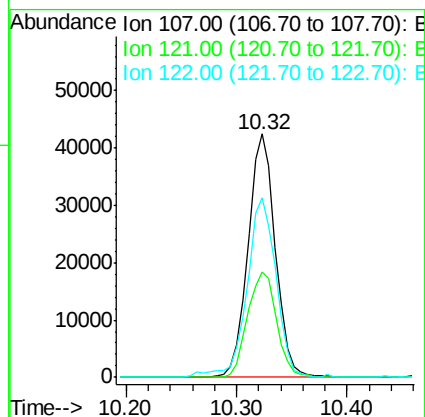
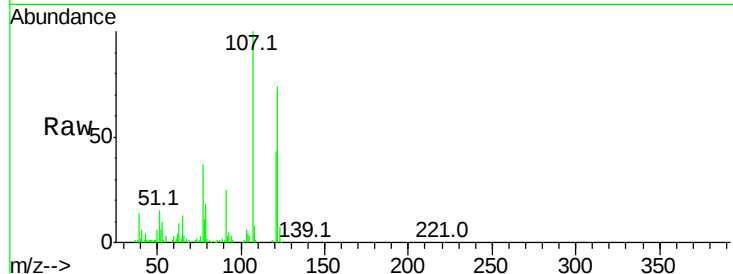




#24
 2,4-Dimethylphenol
 Concen: 19.600 ng/ul
 RT: 10.32 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

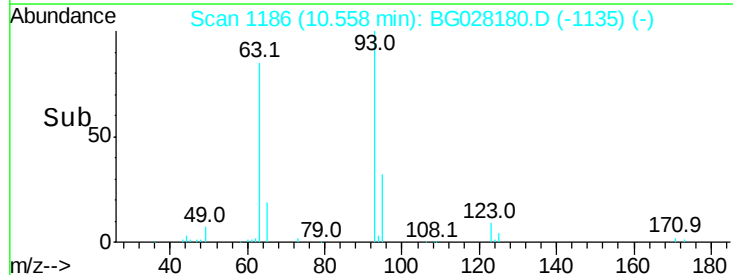
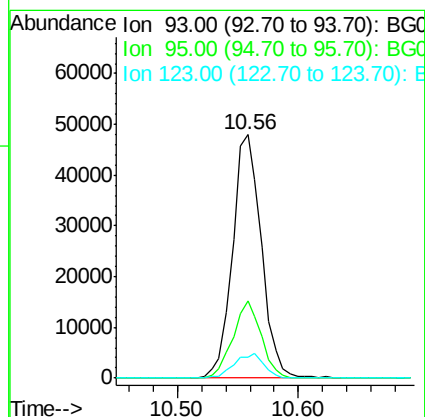
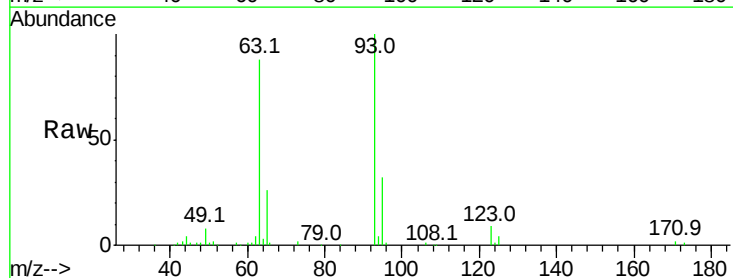
Instrument :
 BNA_G
 ClientSampled :

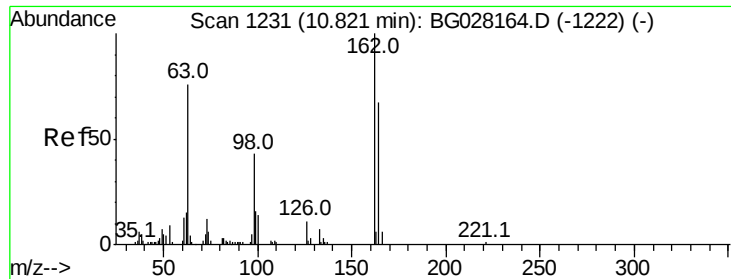
Tot Ion	Ratio	Lower	Upper
107	100		
121	43.1	32.3	48.5
122	73.6	61.2	91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.427 ng/ul
 RT: 10.56 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	23.4	35.0
123	8.6	7.8	11.6

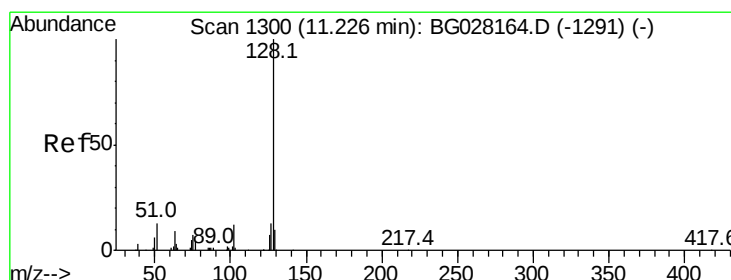
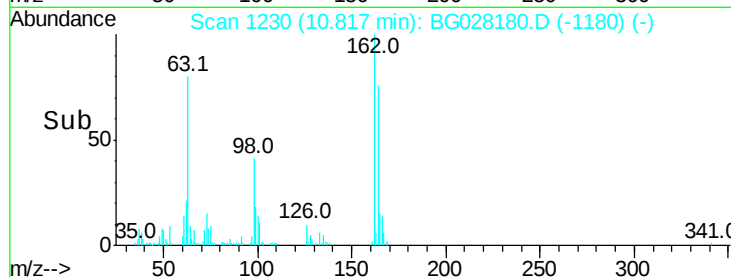
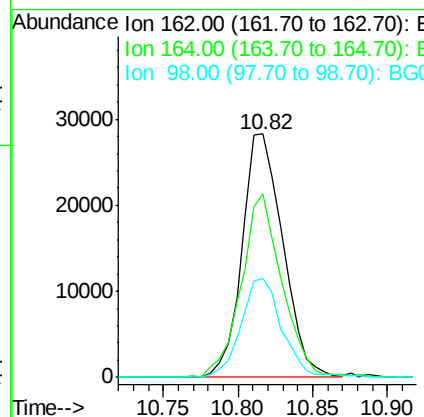
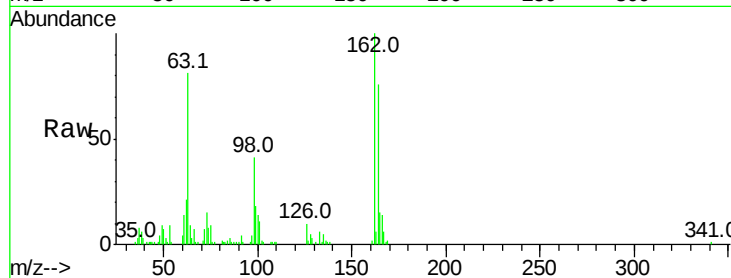




#27
 2,4-Dichlorophenol
 Concen: 19.004 ng/ul
 RT: 10.82 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

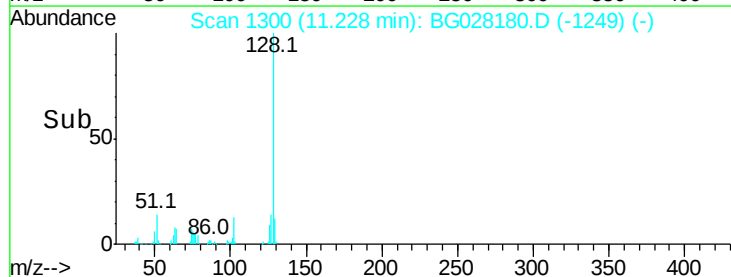
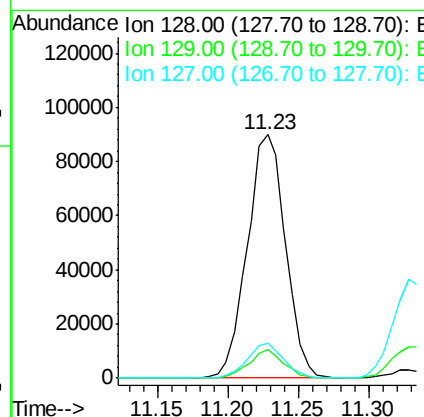
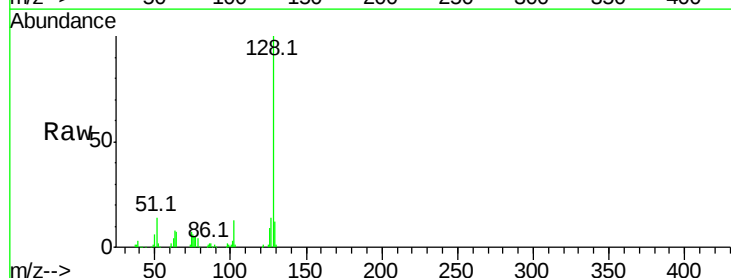
Instrument :
 BNA_G
 ClientSampleId :

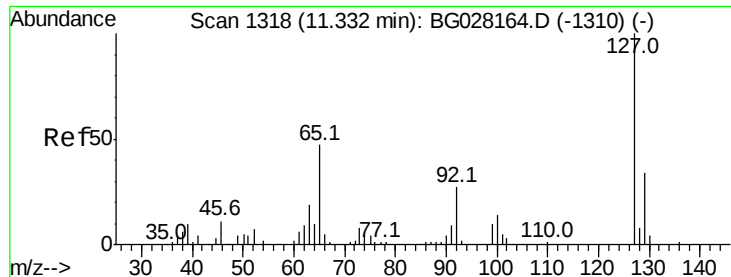
Tot Ion:162 Resp: 53583
 Ion Ratio Lower Upper
 162 100
 164 75.6 50.8 76.2
 98 40.8 32.1 48.1



#28
 Naphthalene
 Concen: 19.703 ng/ul
 RT: 11.23 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion:128 Resp: 170390
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.4 14.2
 127 14.2 10.3 15.5

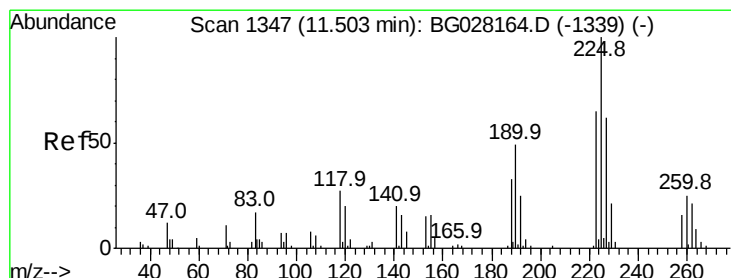
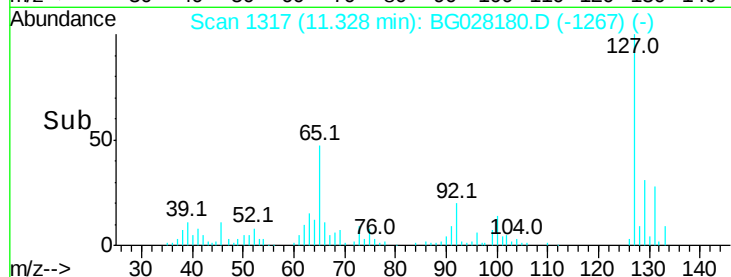
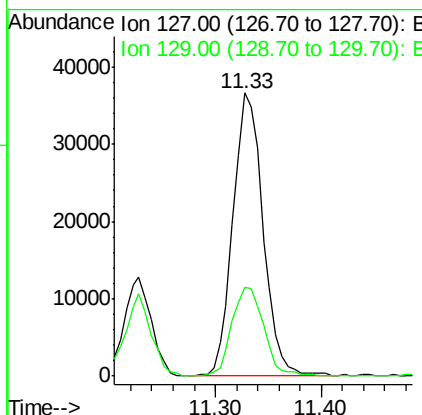
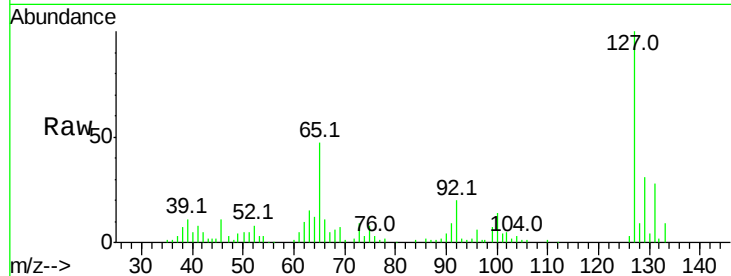




#30
 4-Chloroaniline
 Concen: 21.599 ng/ul
 RT: 11.33 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

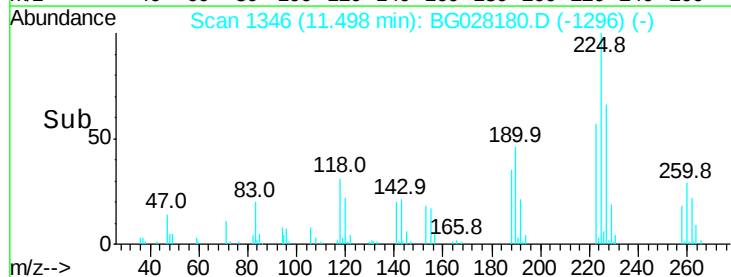
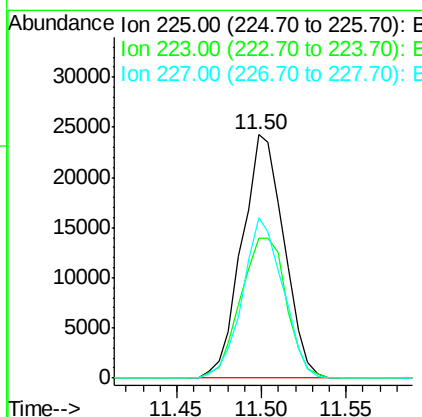
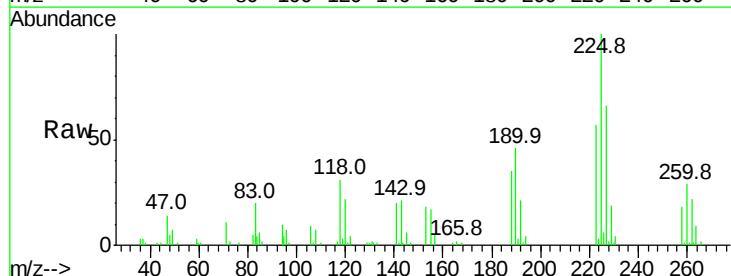
Instrument :
 BNA_G
 ClientSampleId :

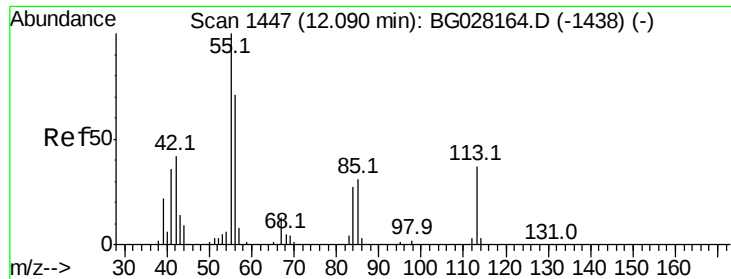
Tot Ion:127 Resp: 72183
 Ion Ratio Lower Upper
 127 100
 129 31.3 28.9 43.3



#31
 Hexachlorobutadiene
 Concen: 20.130 ng/ul
 RT: 11.50 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion:225 Resp: 41894
 Ion Ratio Lower Upper
 225 100
 223 57.4 45.9 68.9
 227 66.0 44.7 67.1





#32

Caprolactam

Concen: 21.022 ng/ul

RT: 12.10 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

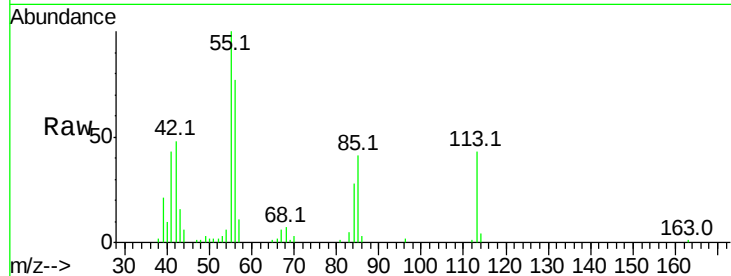
Tot Ion:113 Resp: 24647

Ion Ratio Lower Upper

113 100

55 230.2 168.6 252.8

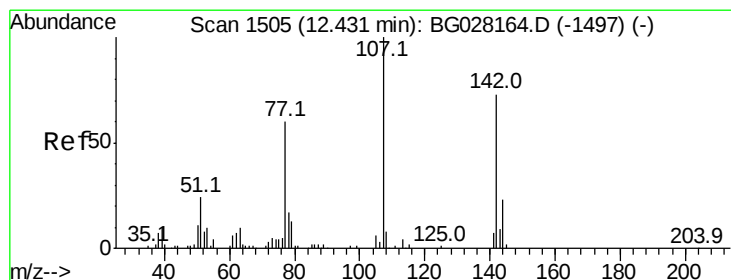
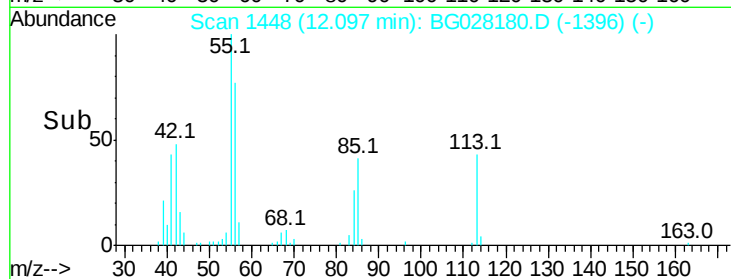
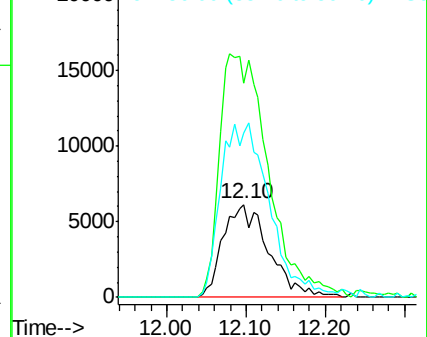
56 176.5 128.5 192.7



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: 19.473 ng/ul

RT: 12.43 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

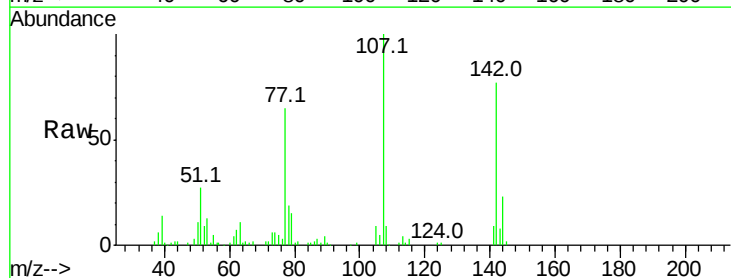
Tgt Ion:107 Resp: 70082

Ion Ratio Lower Upper

107 100

144 23.5 18.2 27.4

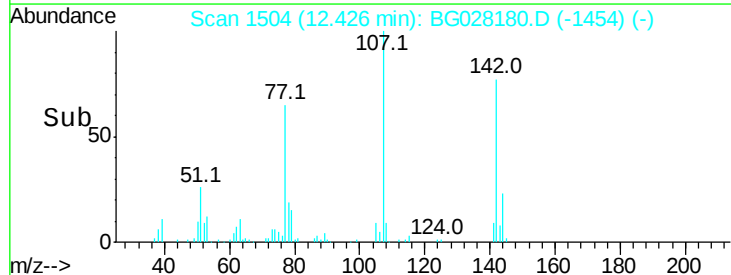
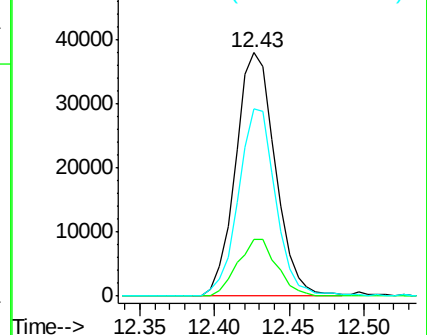
142 76.9 55.0 82.4

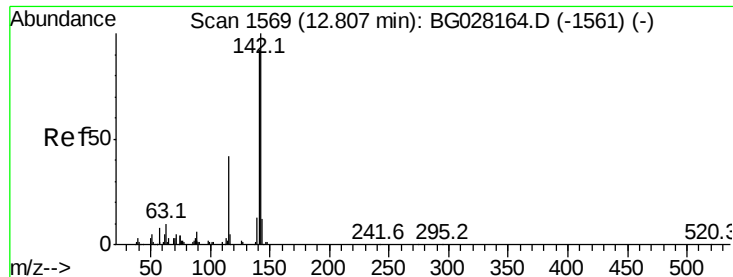


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.347 ng/ul

RT: 12.81 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

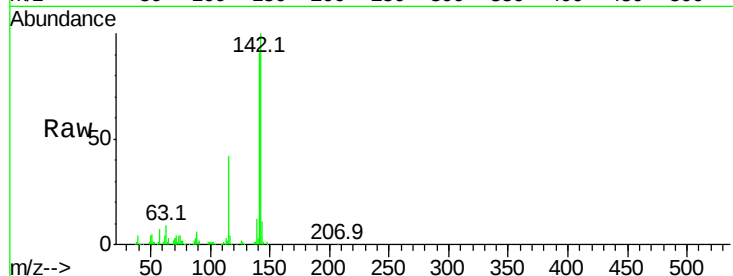
ClientSampleId :

Tot Ion:142 Resp: 134386

Ion Ratio Lower Upper

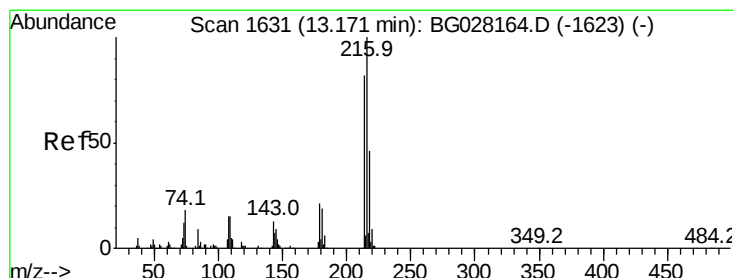
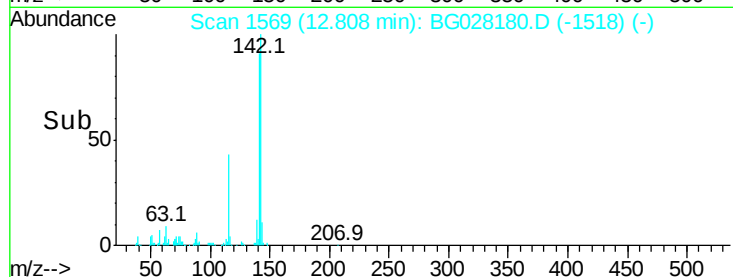
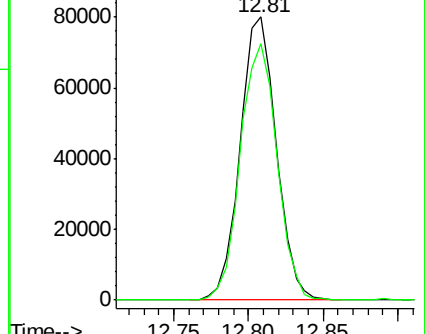
142 100

141 90.7 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.072 ng/ul

RT: 13.17 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Tgt Ion:216 Resp: 80907

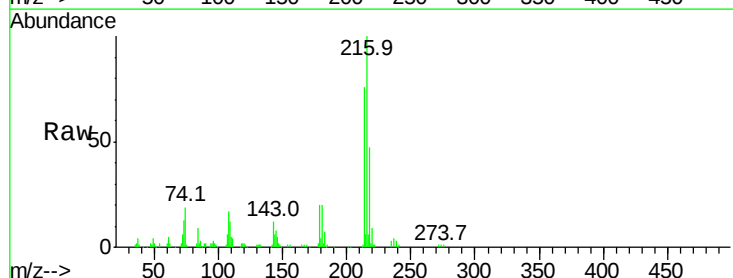
Ion Ratio Lower Upper

216 100

214 75.7 67.0 100.6

179 19.5 18.1 27.1

108 16.8 14.1 21.1

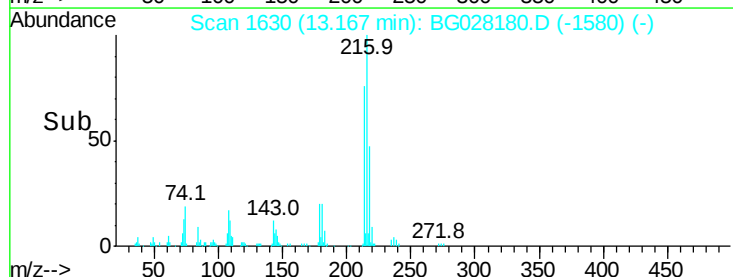
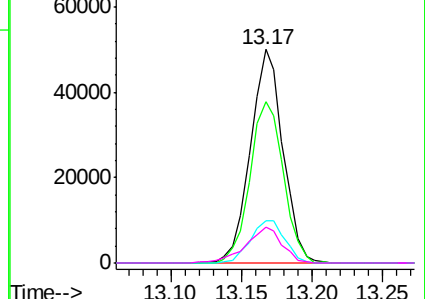


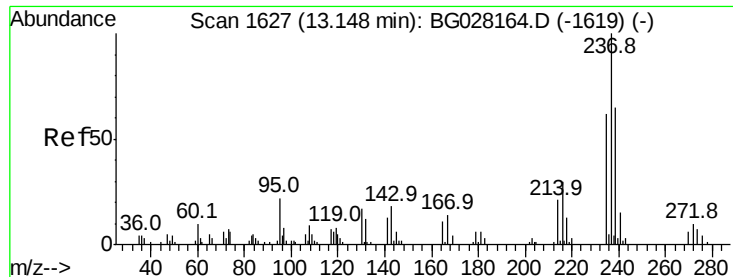
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 18.817 ng/ul

RT: 13.14 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

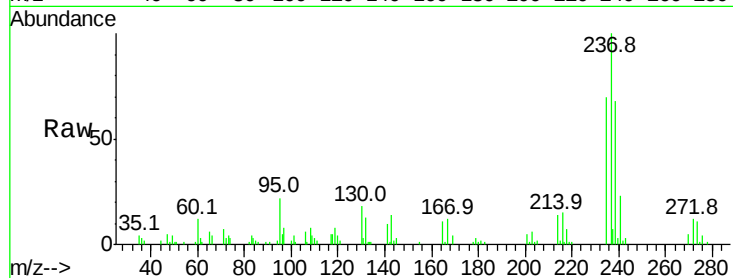
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 41852

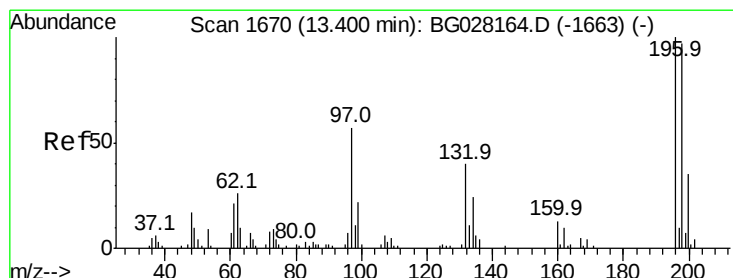
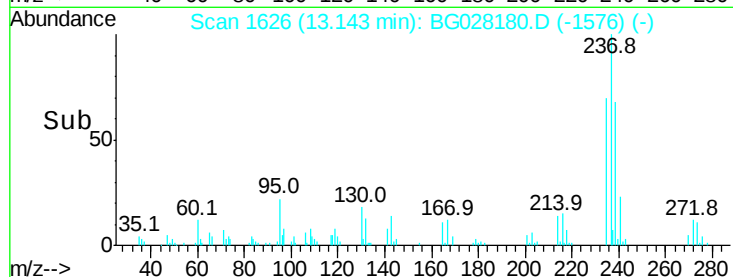
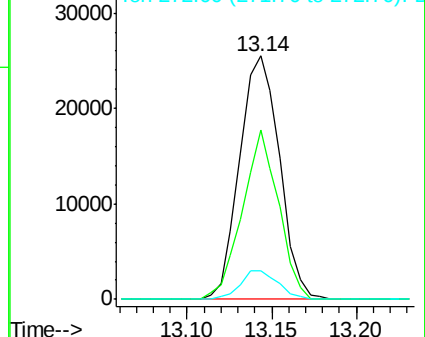
Ion	Ratio	Lower	Upper
237	100		
235	65.1	50.2	75.4
272	10.9	10.6	16.0



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: 21.751 ng/ul

RT: 13.40 min Scan# 1670

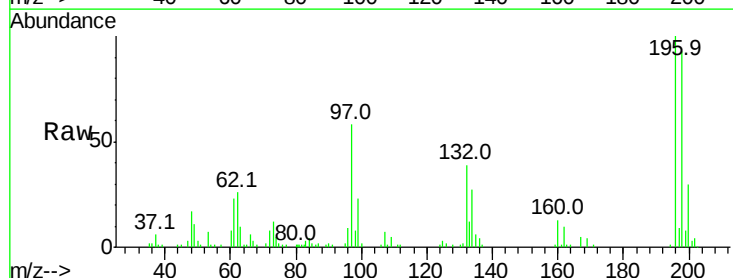
Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Tgt Ion:196 Resp: 54645

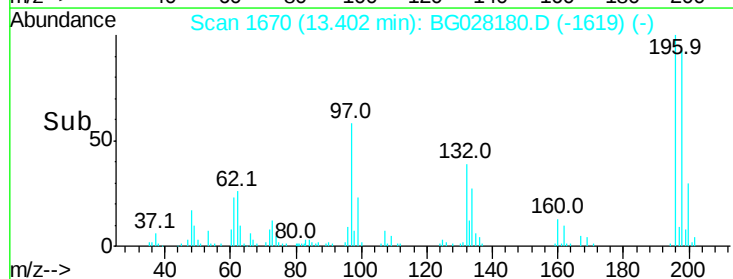
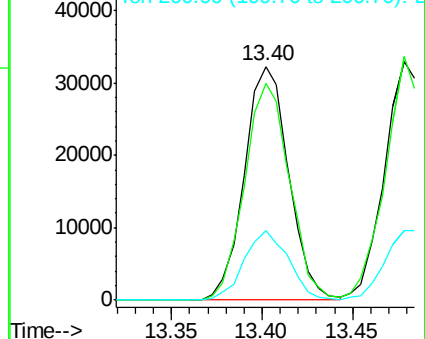
Ion	Ratio	Lower	Upper
196	100		
198	92.5	71.4	107.2
200	29.9	24.6	37.0

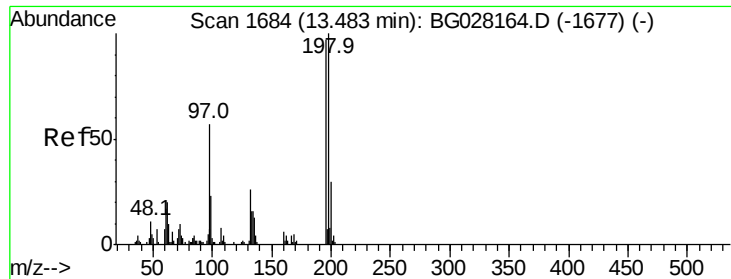


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#39

2,4,5-Trichlorophenol

Concen: 21.690 ng/ul

RT: 13.48 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

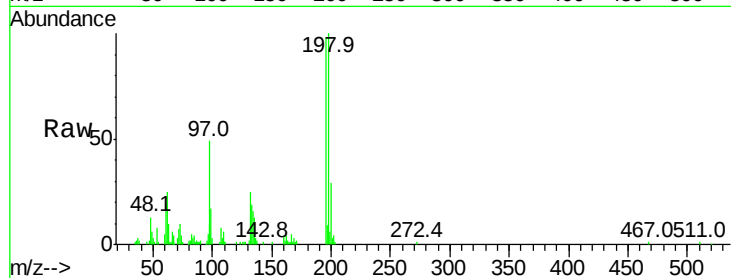
Tot Ion:196 Resp: 59393

Ion Ratio Lower Upper

196 100

198 101.8 78.6 118.0

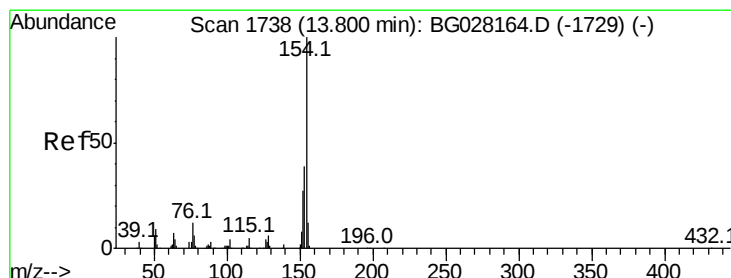
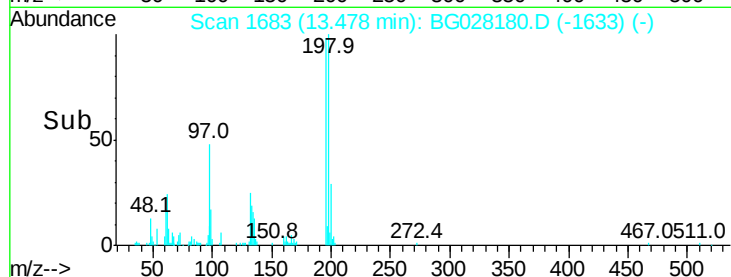
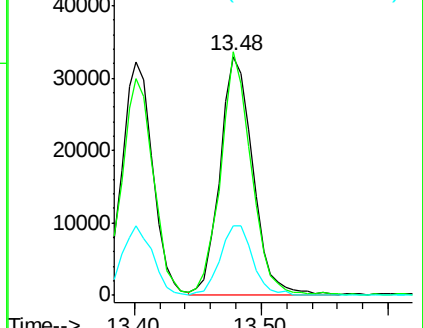
200 29.0 27.3 40.9



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: 20.287 ng/ul

RT: 13.80 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

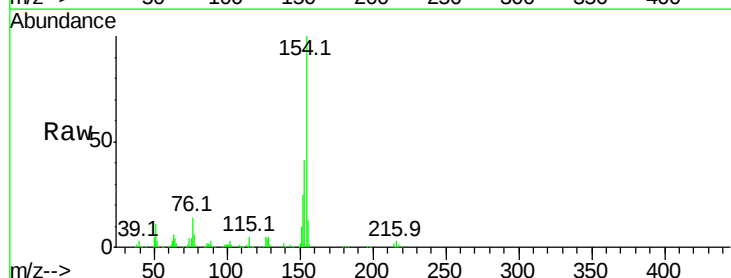
Tgt Ion:154 Resp: 185280

Ion Ratio Lower Upper

154 100

153 40.7 32.2 48.2

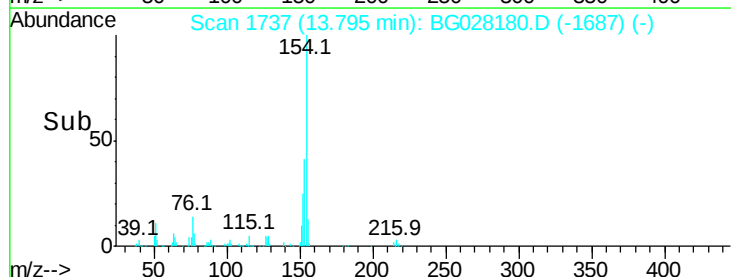
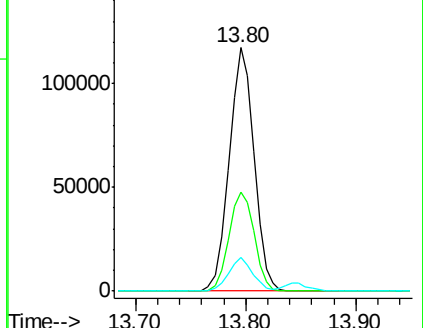
76 13.7 9.6 14.4

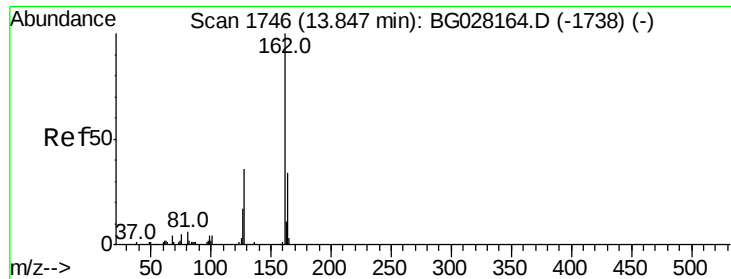


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

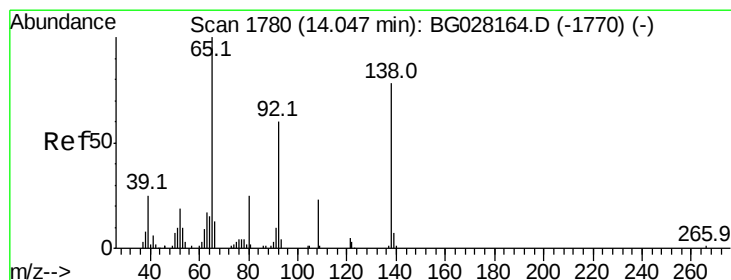
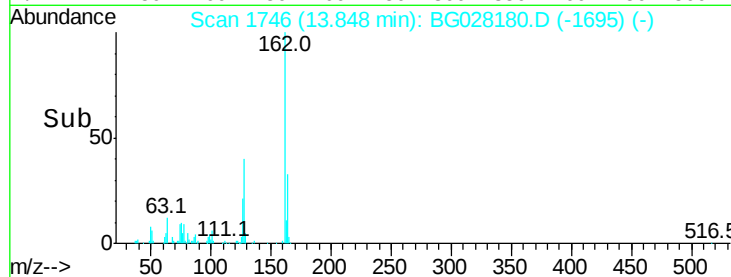
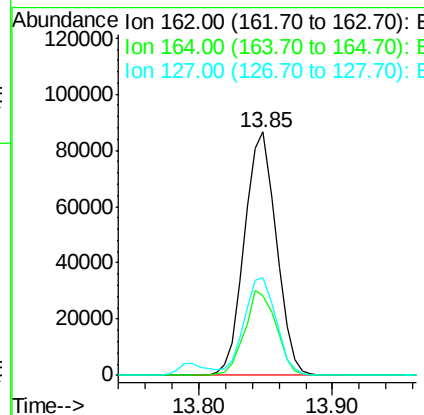
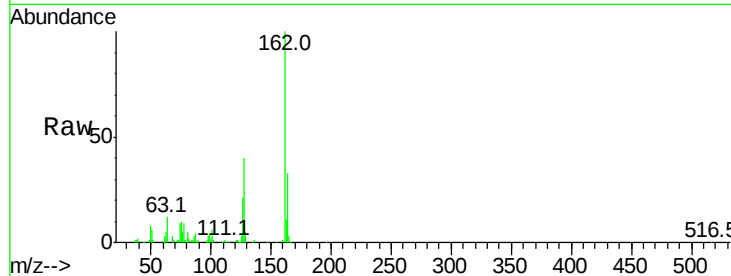




#41
2-Chloronaphthalene
Concen: 19.771 ng/ul
RT: 13.85 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

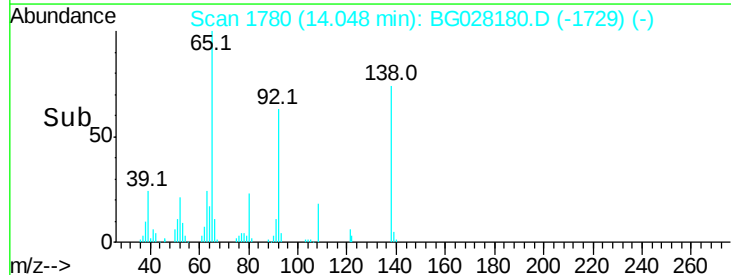
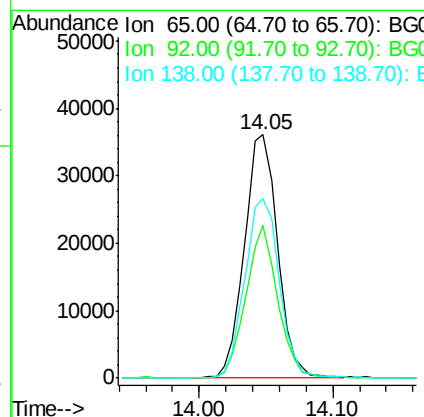
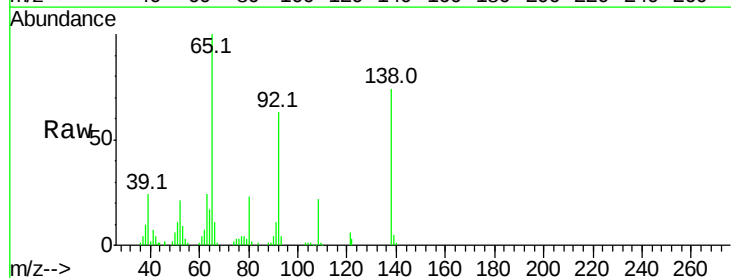
Instrument :
BNA_G
ClientSampleId :

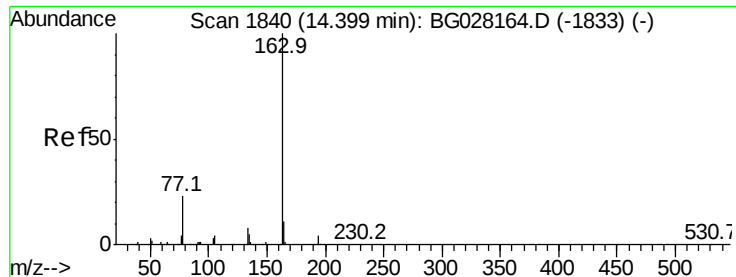
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.6	25.0	37.6
127	40.3	30.7	46.1



#42
2-Nitroaniline
Concen: 20.453 ng/ul
RT: 14.05 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.7	50.9	76.3
138	73.7	61.8	92.6





#44

Dimethylphthalate

Concen: 20.117 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

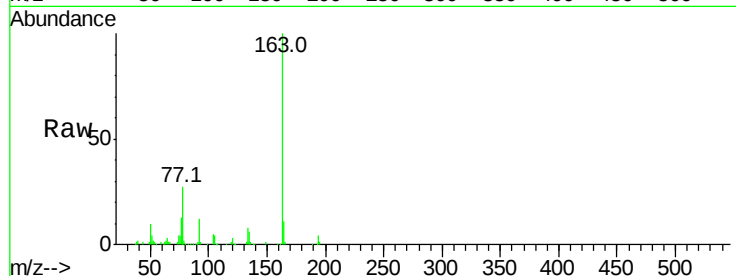
Tot Ion:163 Resp: 206012

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

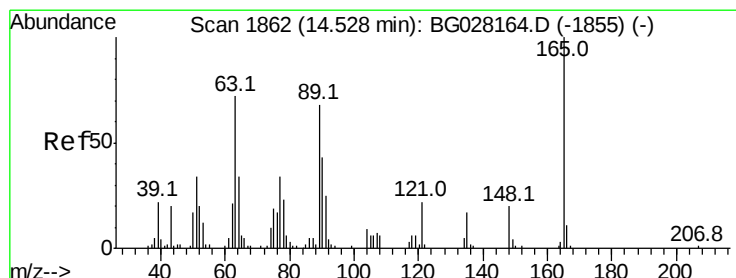
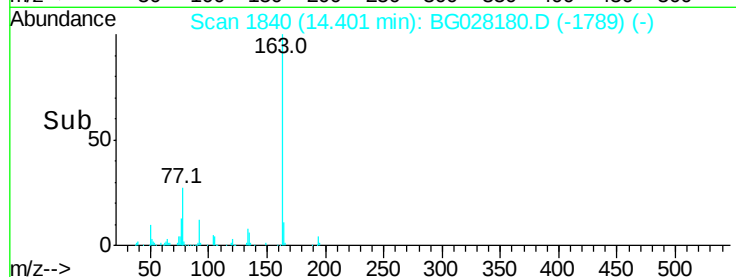
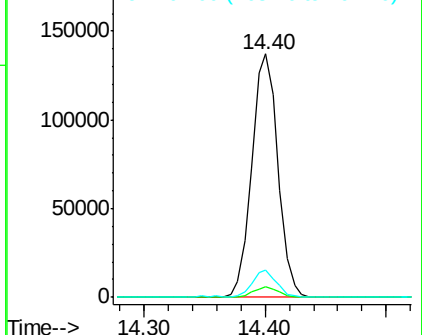
164 11.4 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.711 ng/ul

RT: 14.53 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

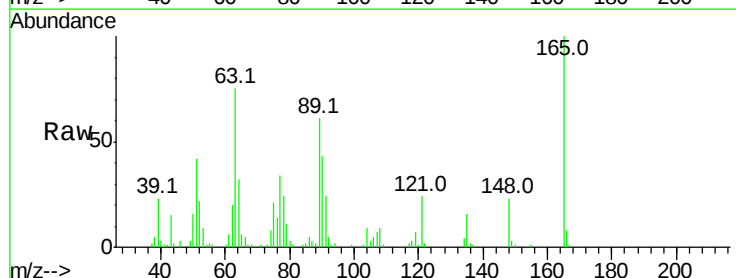
Tgt Ion:165 Resp: 43793

Ion Ratio Lower Upper

165 100

89 60.7 52.9 79.3

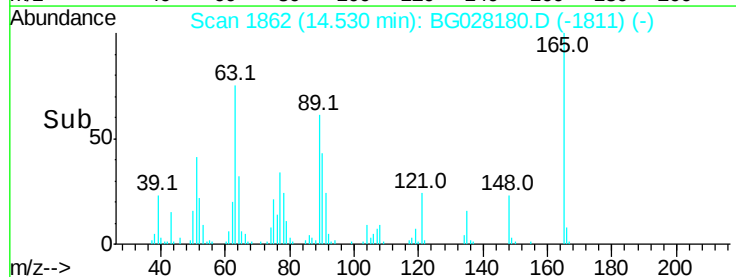
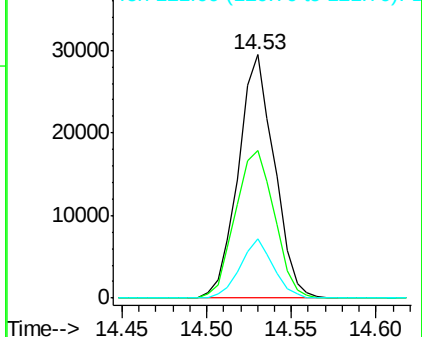
121 24.5 22.2 33.4

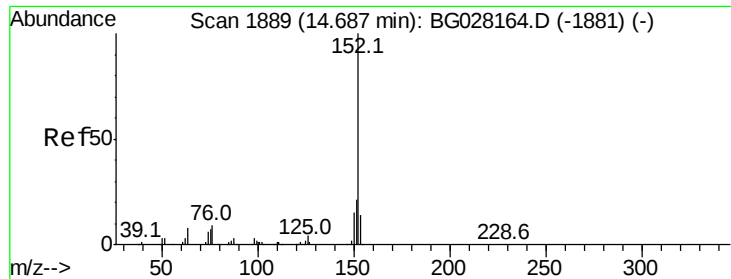


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.794 ng/ul

RT: 14.69 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

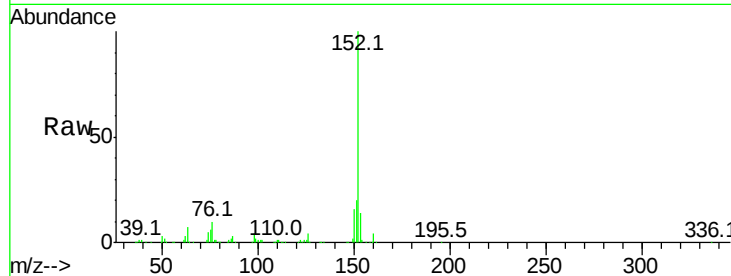
Tot Ion:152 Resp: 237218

Ion Ratio Lower Upper

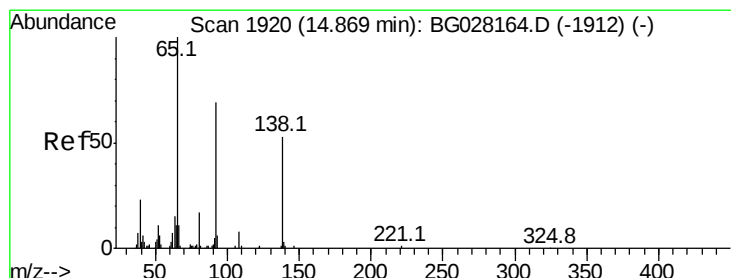
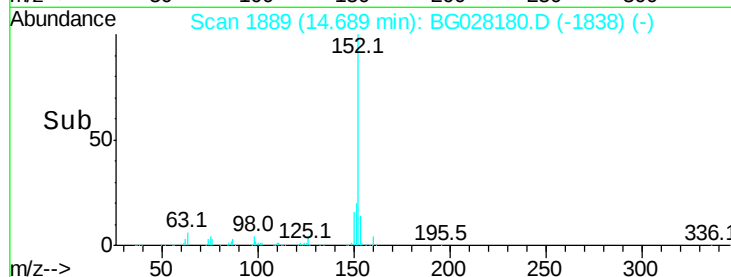
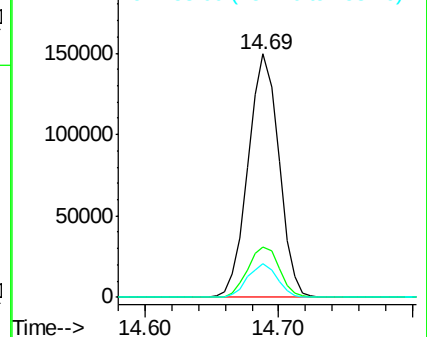
152 100

151 20.5 16.7 25.1

153 13.9 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: 21.501 ng/ul

RT: 14.86 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

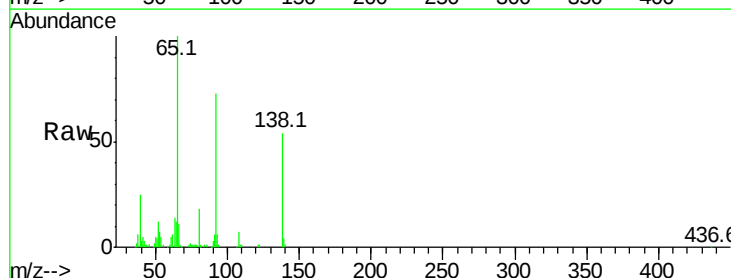
Tgt Ion:138 Resp: 40936

Ion Ratio Lower Upper

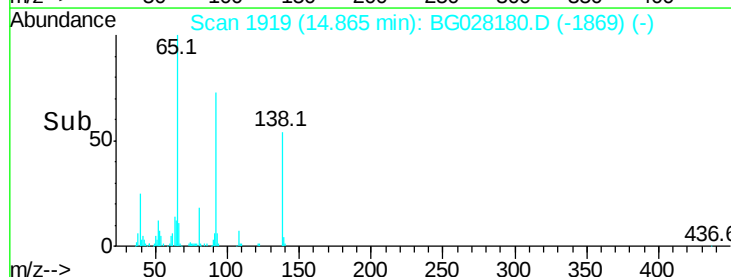
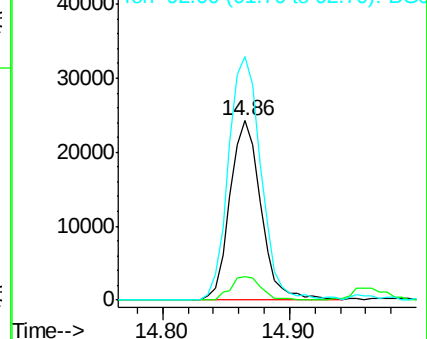
138 100

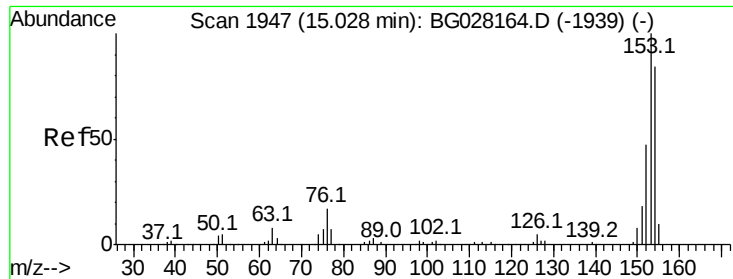
108 13.0 6.3 9.5#

92 135.6 106.4 159.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.164 ng/ul

RT: 15.03 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

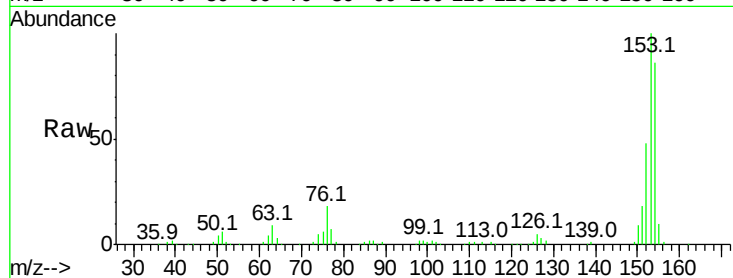
Tot Ion:153 Resp: 163046

Ion Ratio Lower Upper

153 100

152 47.6 36.5 54.7

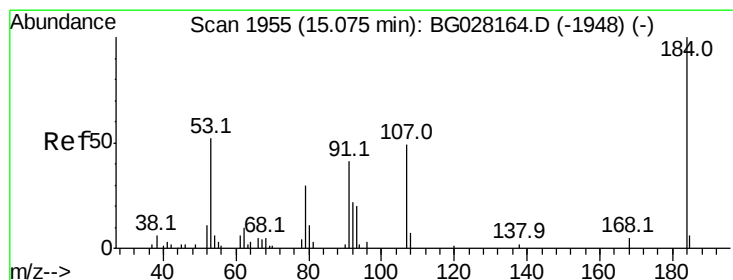
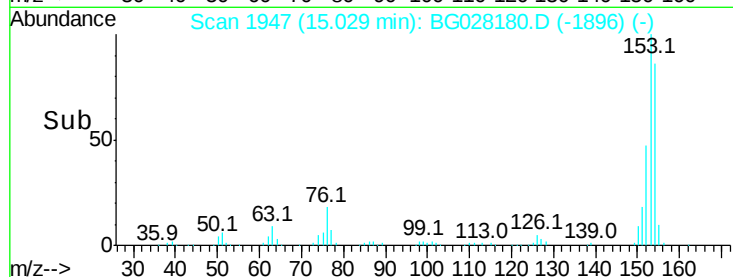
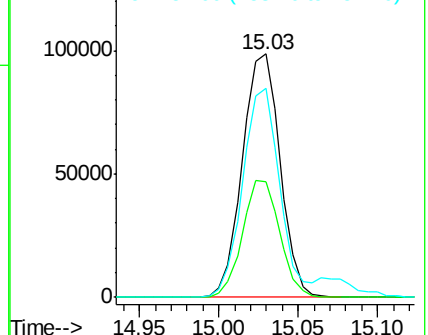
154 86.0 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.856 ng/ul

RT: 15.07 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

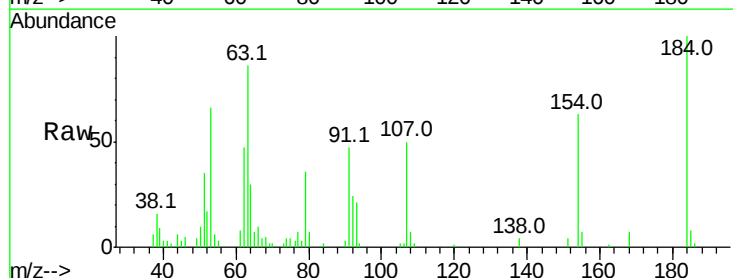
Tgt Ion:184 Resp: 23655

Ion Ratio Lower Upper

184 100

63 85.7 65.1 97.7

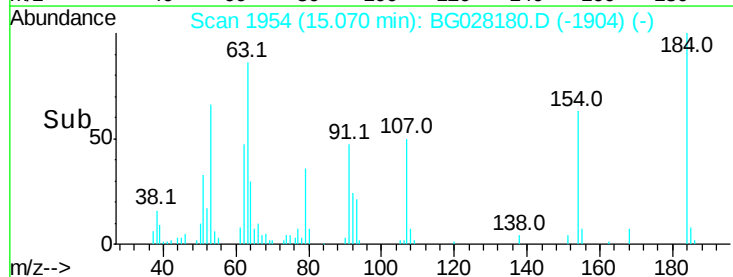
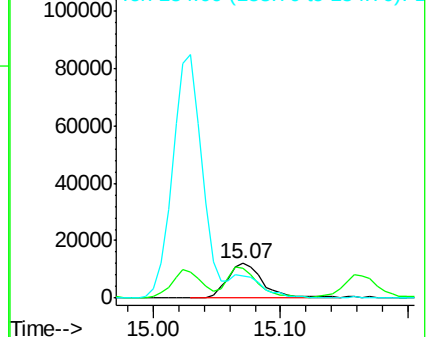
154 62.9 68.2 102.4#

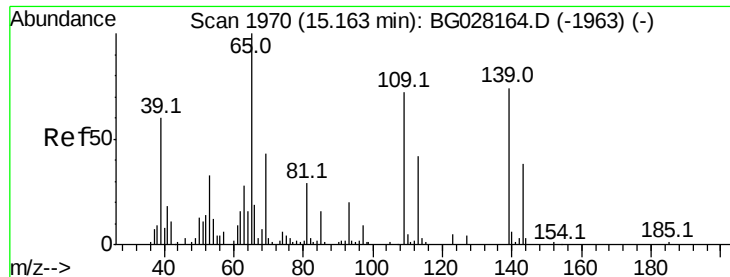


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.943 ng/ul

RT: 15.16 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

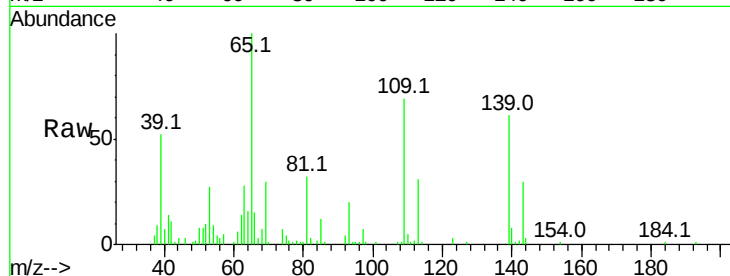
Tot Ion:109 Resp: 36543

Ion Ratio Lower Upper

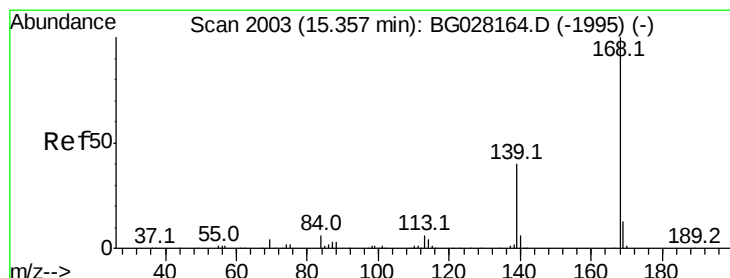
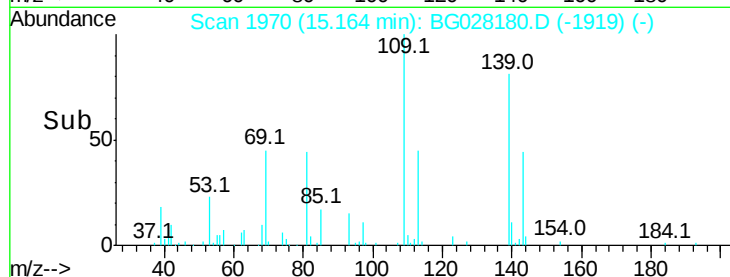
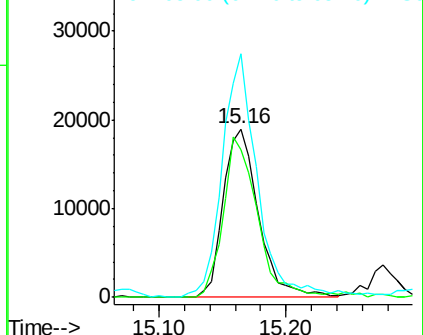
109 100

139 87.6 62.6 93.8

65 144.6 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: 19.644 ng/ul

RT: 15.36 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG028180.D

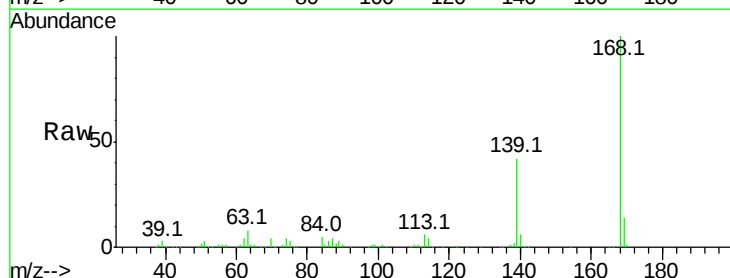
Acq: 8 Aug 2017 6:57

Tgt Ion:168 Resp: 231583

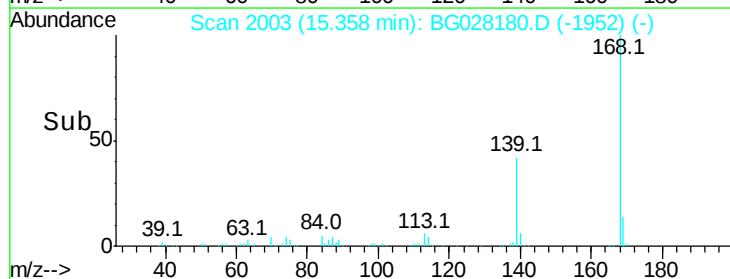
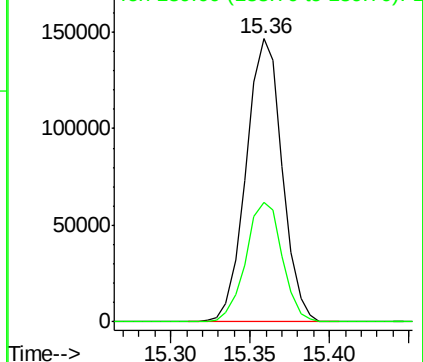
Ion Ratio Lower Upper

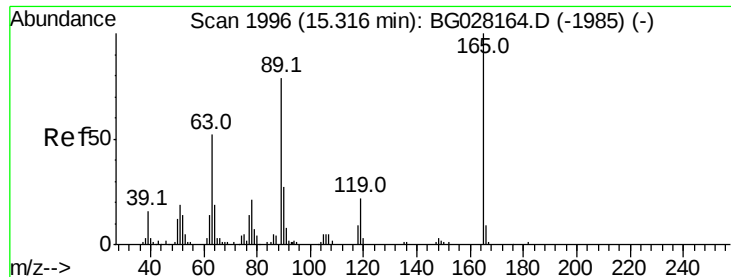
168 100

139 42.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

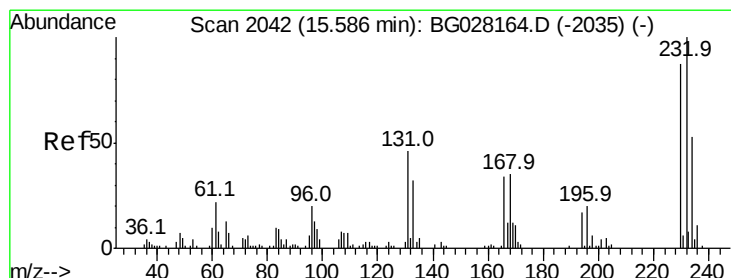
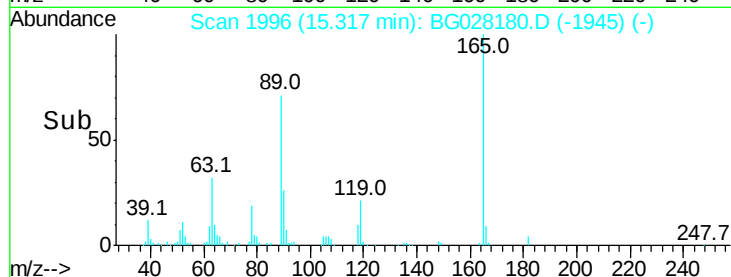
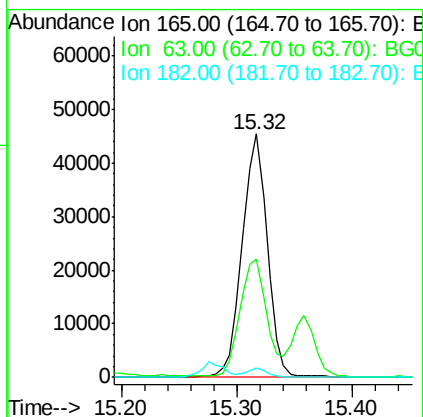
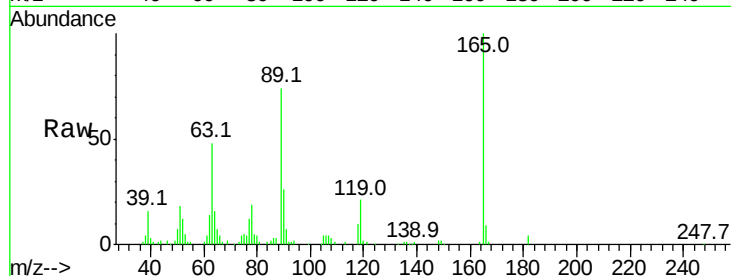




#54
 2,4-Dinitrotoluene
 Concen: 21.484 ng/ul
 RT: 15.32 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

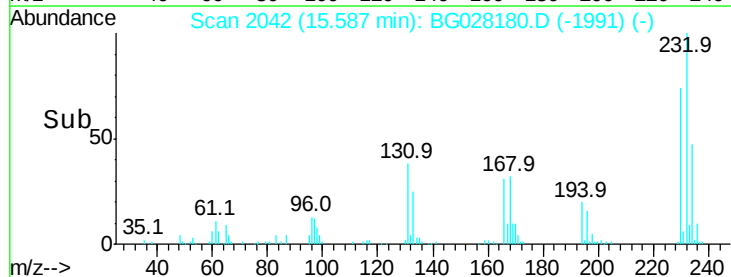
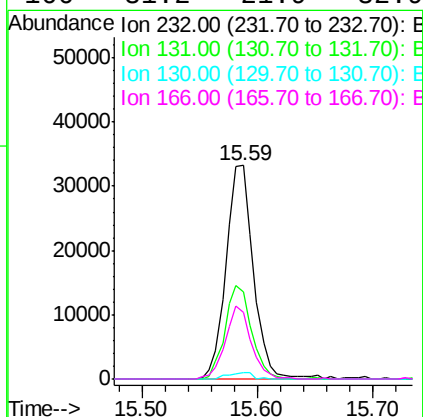
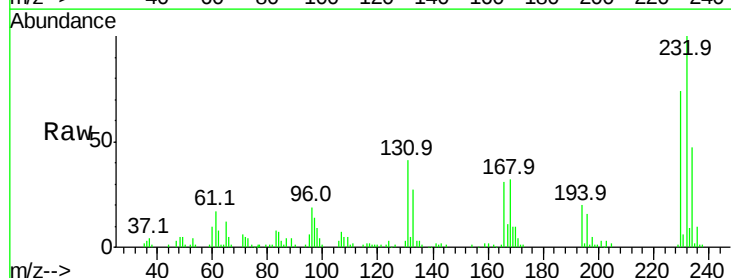
Instrument :
 BNA_G
 ClientSampleId :

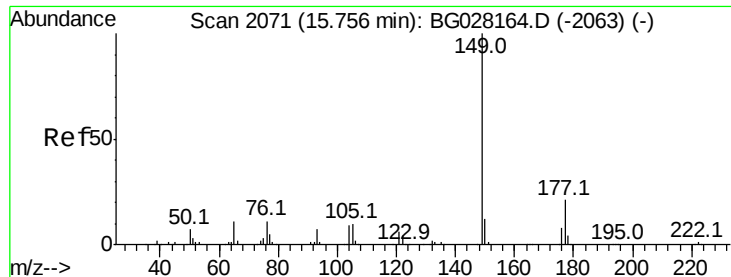
Tot Ion:165 Resp: 68845
 Ion Ratio Lower Upper
 165 100
 63 48.3 46.8 70.2
 182 3.9 1.8 2.6#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.337 ng/ul
 RT: 15.59 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion:232 Resp: 54415
 Ion Ratio Lower Upper
 232 100
 131 40.8 33.3 49.9
 130 3.0 1.8 2.6#
 166 31.2 21.9 32.9





#56

Diethylphthalate

Concen: 19.654 ng/ul

RT: 15.76 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

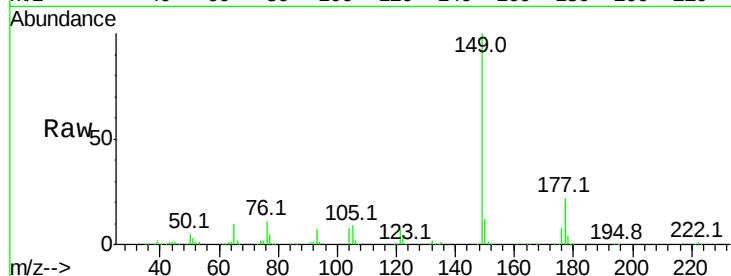
Tot Ion:149 Resp: 236119

Ion Ratio Lower Upper

149 100

177 22.4 17.8 26.8

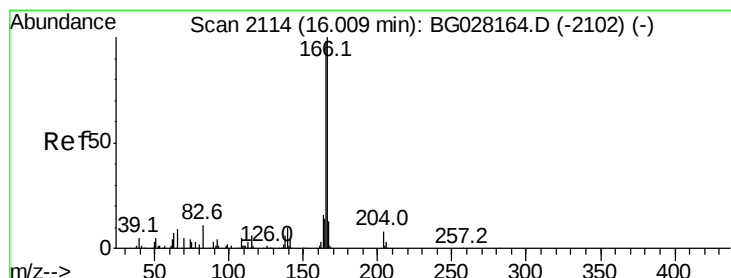
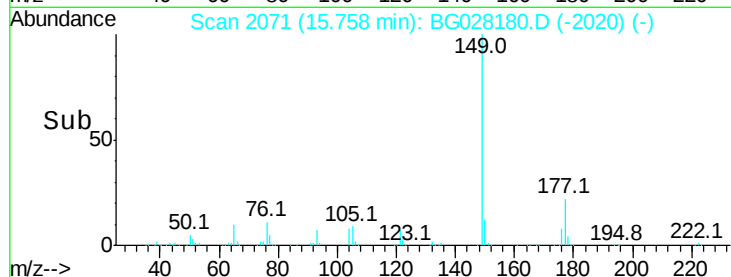
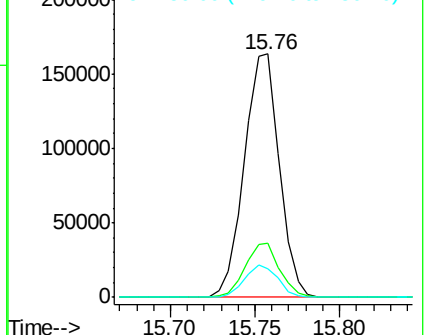
150 11.7 10.2 15.4



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: 19.577 ng/ul

RT: 16.00 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

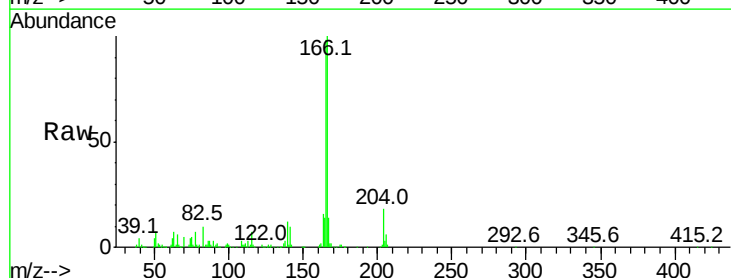
Tgt Ion:166 Resp: 204331

Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

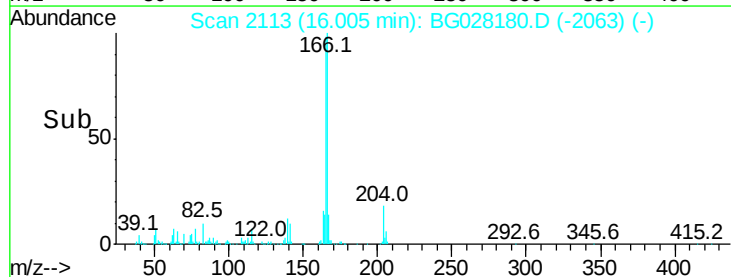
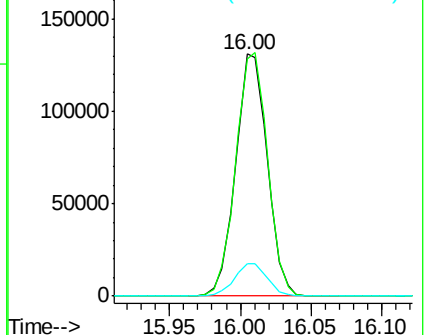
167 13.7 11.4 17.2

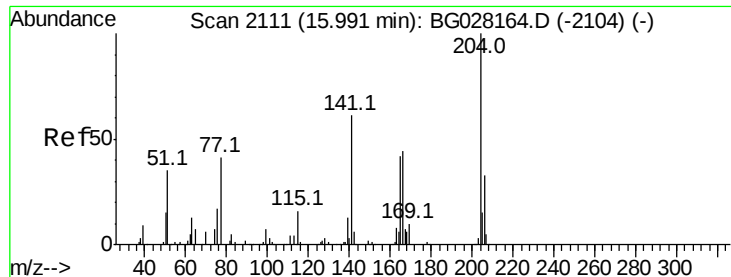


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 19.988 ng/ul

RT: 15.99 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampled :

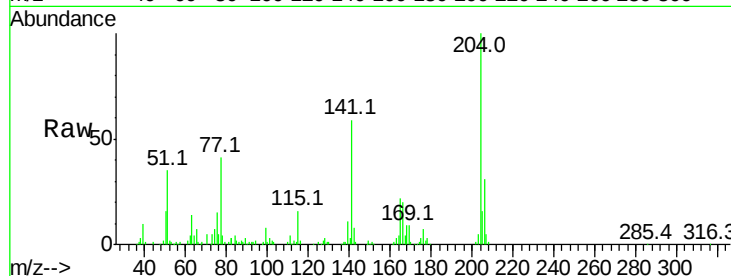
Tot Ion:204 Resp: 111927

Ion Ratio Lower Upper

204 100

206 31.5 32.3 48.5#

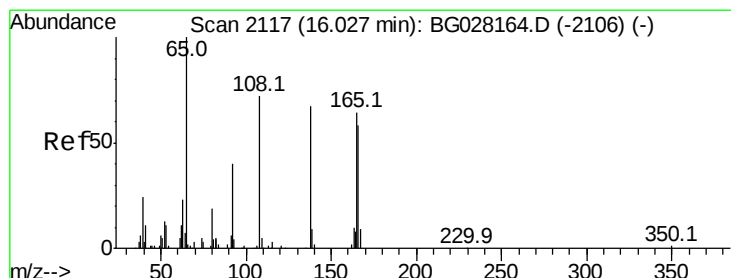
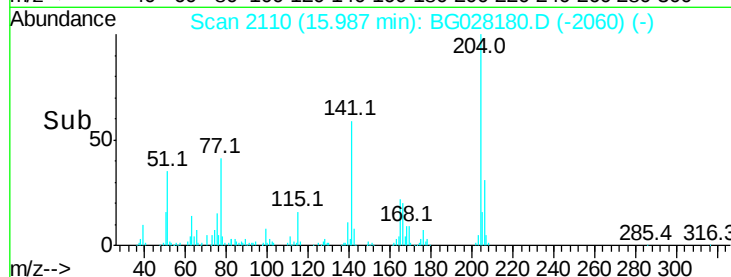
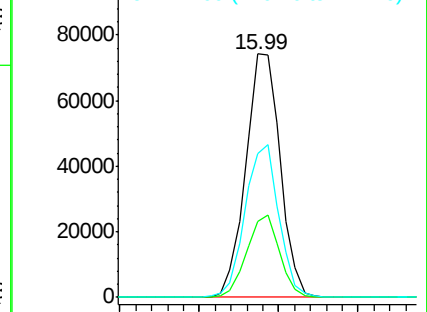
141 59.3 57.5 86.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 20.149 ng/ul

RT: 16.03 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

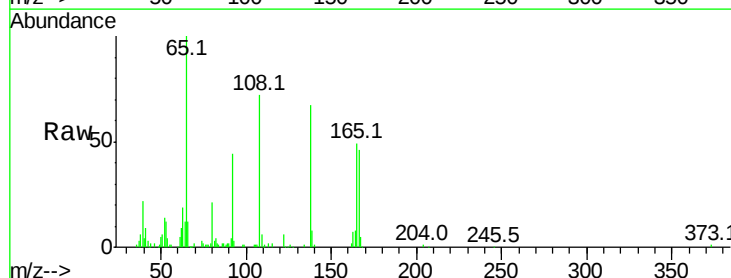
Tgt Ion:138 Resp: 45513

Ion Ratio Lower Upper

138 100

92 65.7 56.9 85.3

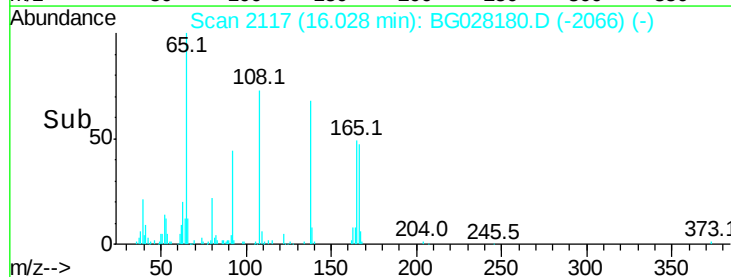
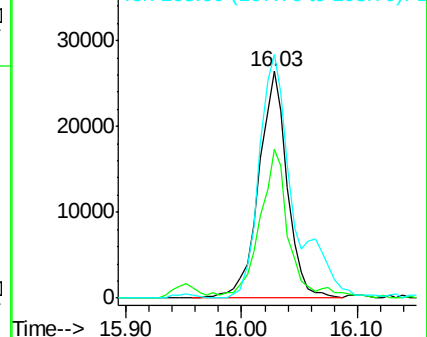
108 107.3 104.9 157.3

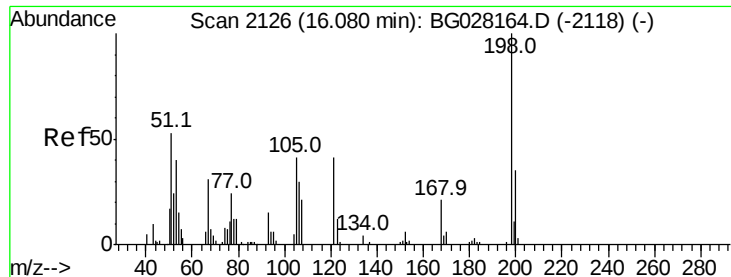


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

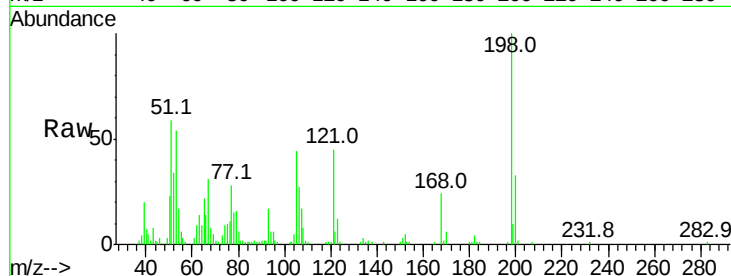




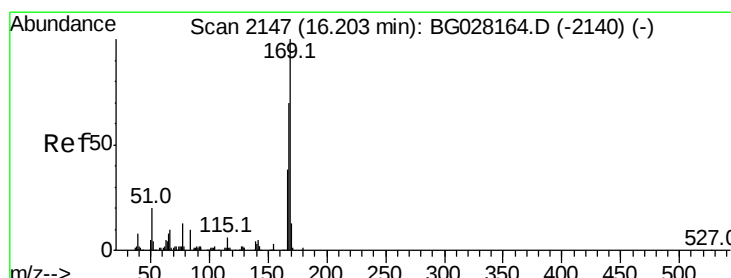
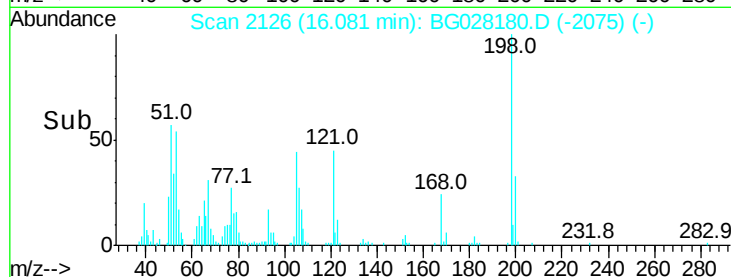
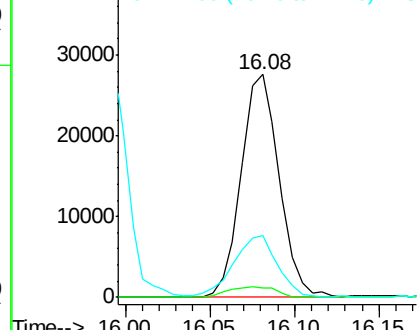
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.576 ng/ul
 RT: 16.08 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 43224
 Ion Ratio Lower Upper
 198 100
 182 4.3 5.8 6.4#
 77 27.9 22.1 33.9

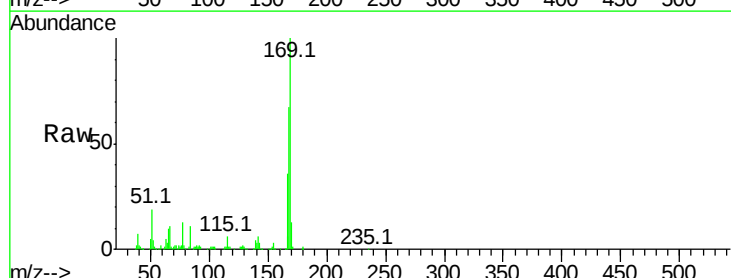


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

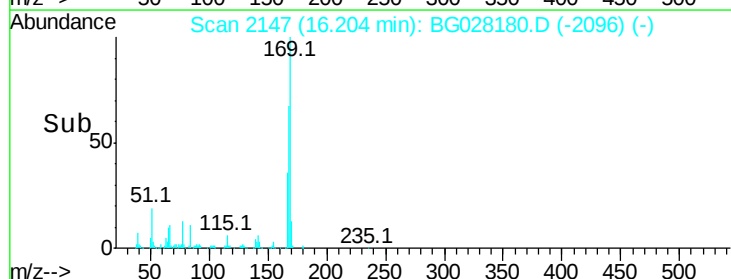
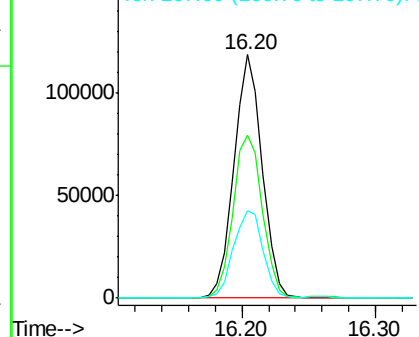


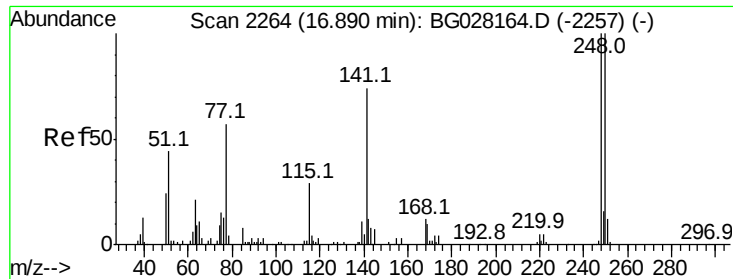
#64
 N-Nitrosodiphenylamine
 Concen: 19.876 ng/ul
 RT: 16.20 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion:169 Resp: 175283
 Ion Ratio Lower Upper
 169 100
 168 66.8 59.1 88.7
 167 36.2 29.7 44.5



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





#65

4-Bromophenyl-phenylether

Concen: 20.152 ng/ul

RT: 16.89 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

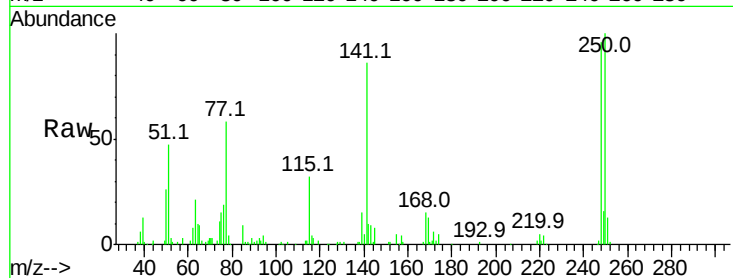
Tot Ion:248 Resp: 72605

Ion Ratio Lower Upper

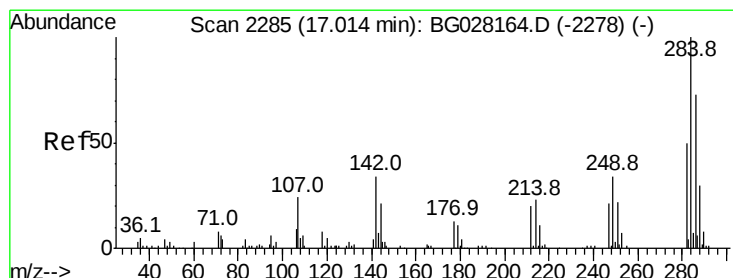
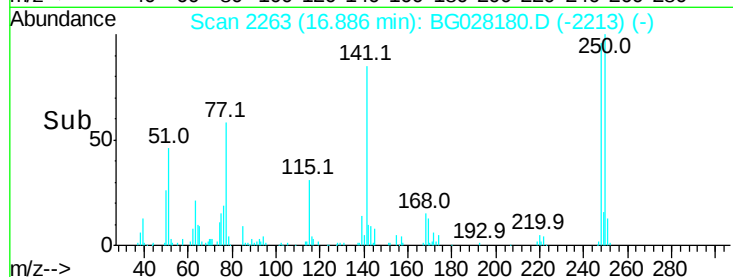
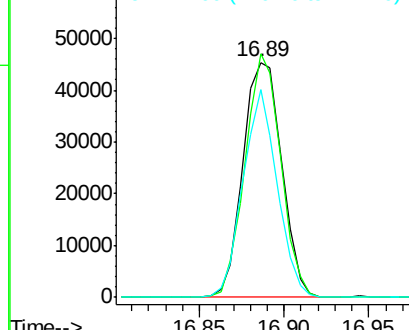
248 100

250 103.7 71.9 107.9

141 88.8 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: 20.147 ng/ul

RT: 17.02 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

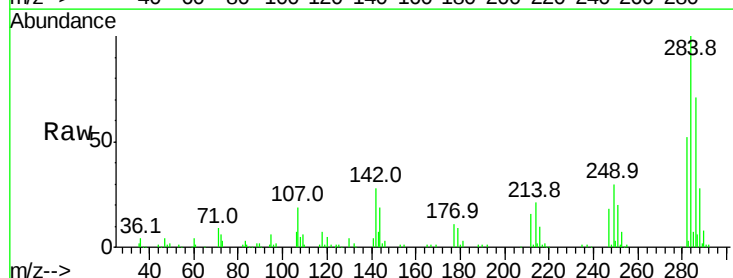
Tgt Ion:284 Resp: 77270

Ion Ratio Lower Upper

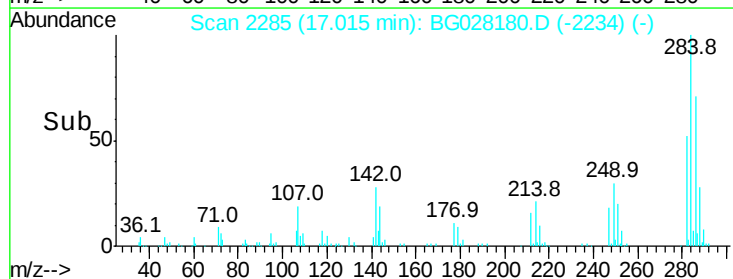
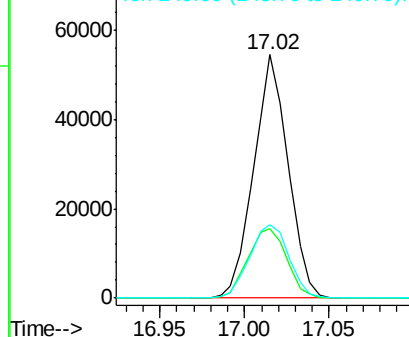
284 100

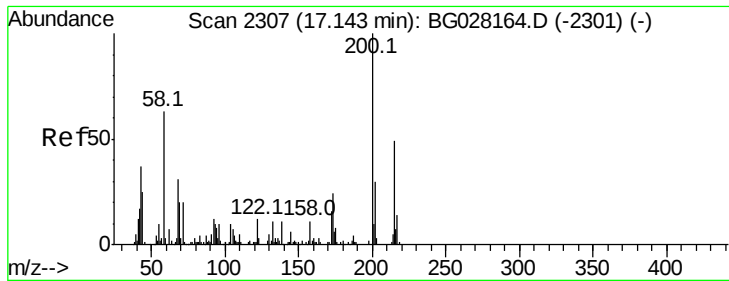
142 28.4 26.1 39.1

249 30.0 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

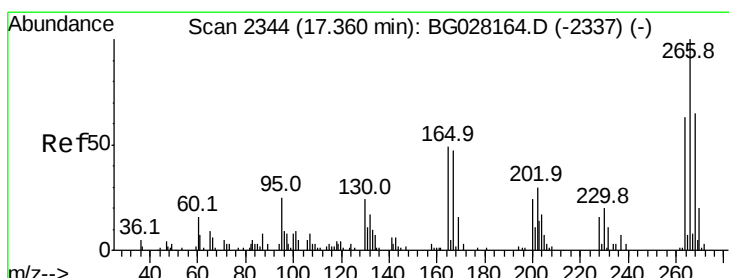
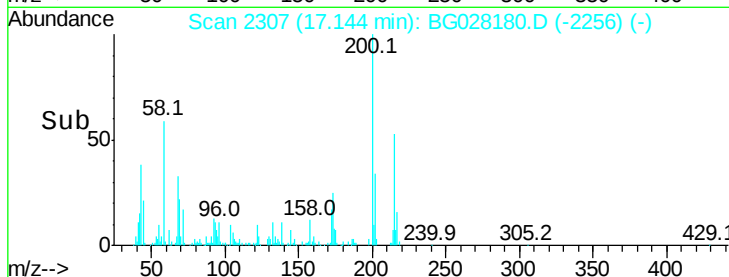
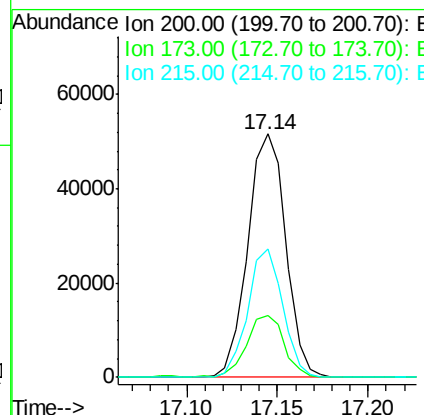
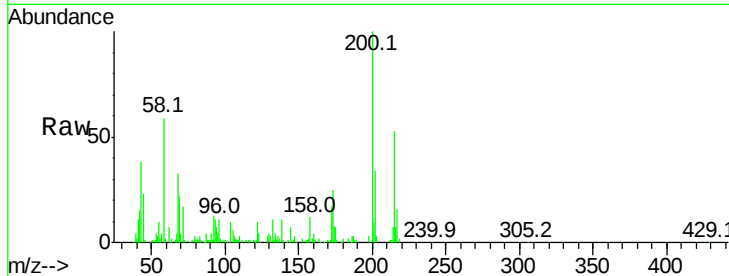




#67
 Atrazine
 Concen: 19.480 ng/ul
 RT: 17.14 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

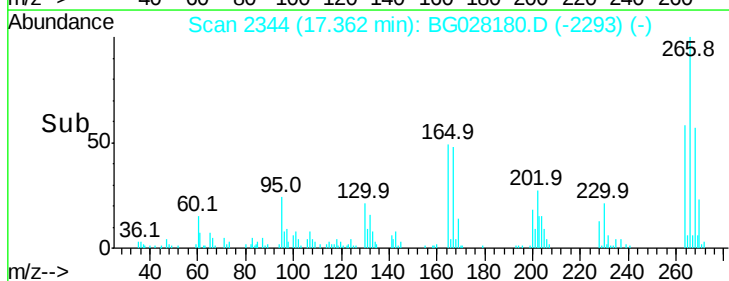
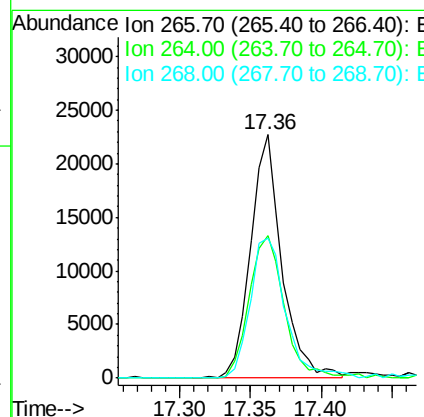
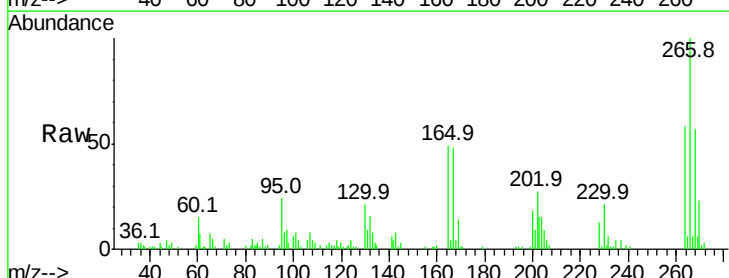
Instrument :
 BNA_G
 ClientSampleId :

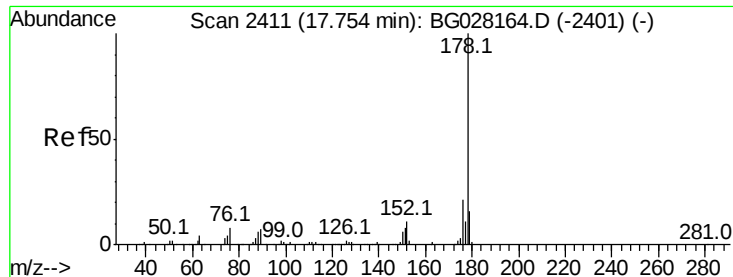
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	19.2	28.8
215	52.8	40.3	60.5



#68
 Pentachlorophenol
 Concen: 18.217 ng/ul
 RT: 17.36 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BG028180.D
 Acq: 8 Aug 2017 6:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.4	47.1	70.7
268	57.2	56.2	84.4

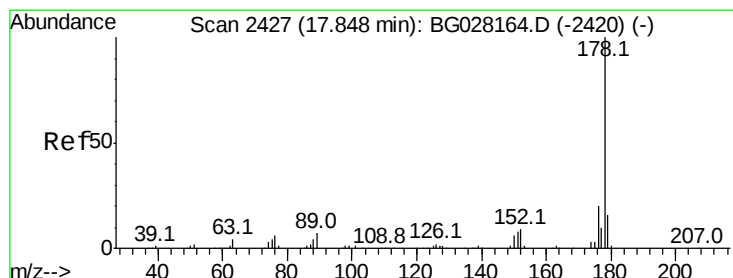
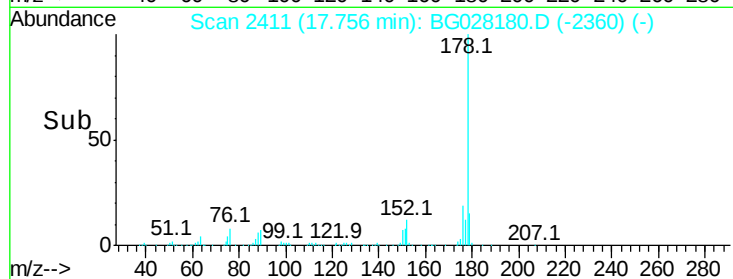
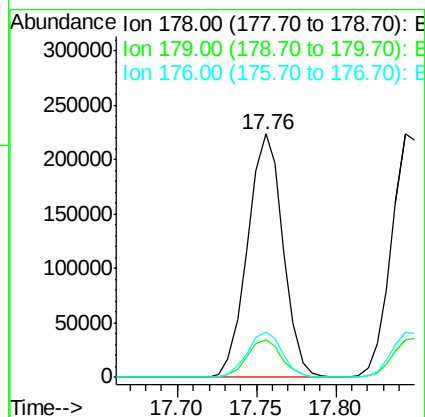
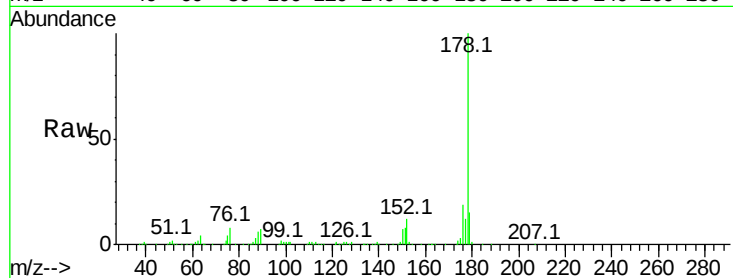




#69
Phenanthrene
Concen: 20.579 ng/ul
RT: 17.76 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

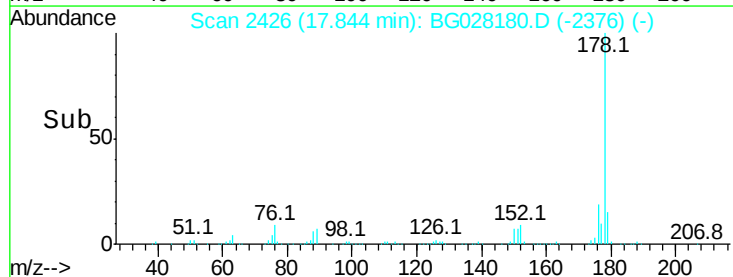
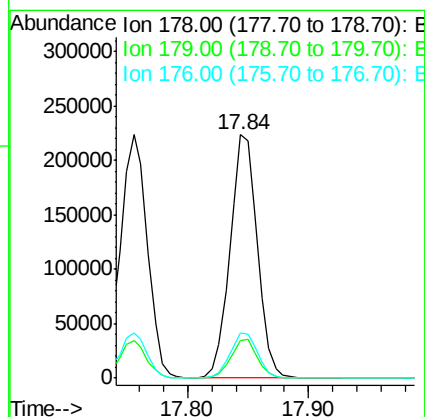
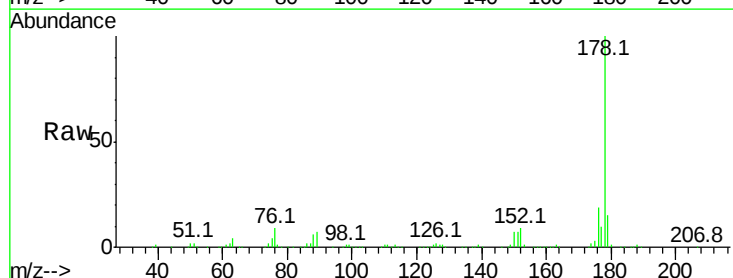
Instrument :
BNA_G
ClientSampleId :

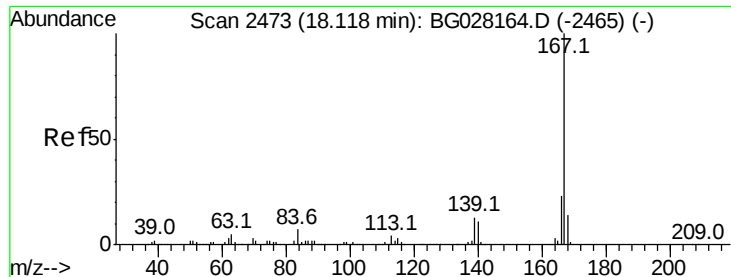
Tot Ion:178 Resp: 347155
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.7 16.5 24.7



#71
Anthracene
Concen: 20.344 ng/ul
RT: 17.84 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion:178 Resp: 350762
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 18.7 15.9 23.9





#72

Carbazole

Concen: 19.569 ng/ul

RT: 18.11 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

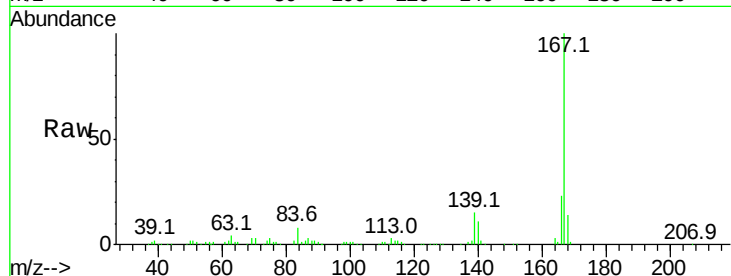
Tot Ion:167 Resp: 293432

Ion Ratio Lower Upper

167 100

166 23.3 17.9 26.9

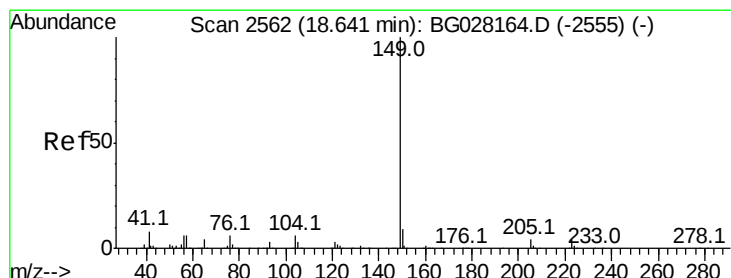
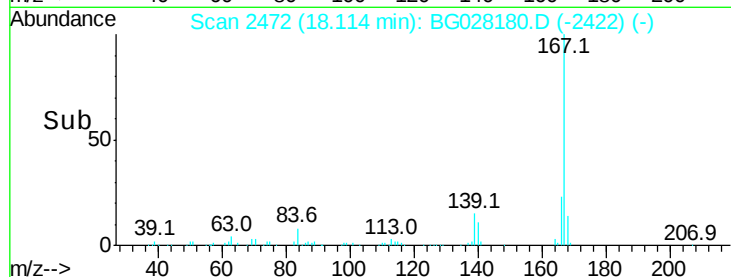
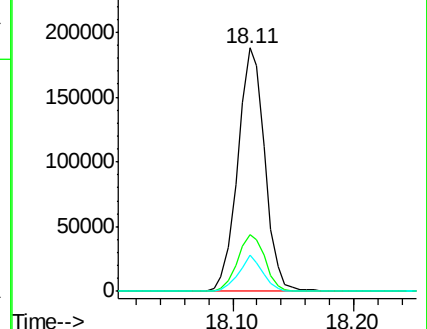
139 14.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.170 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

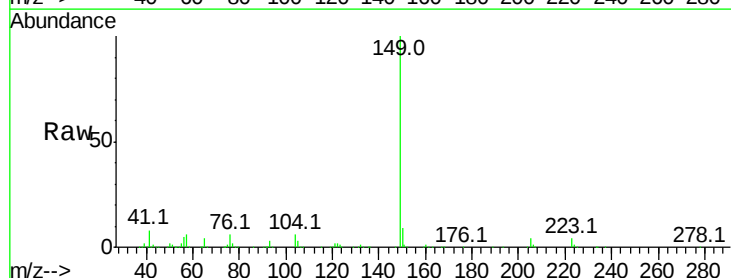
Tgt Ion:149 Resp: 376493

Ion Ratio Lower Upper

149 100

150 9.1 7.9 11.9

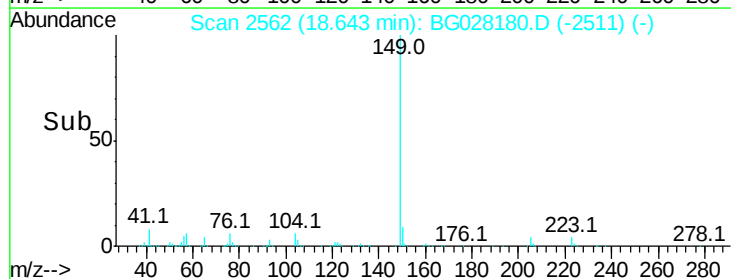
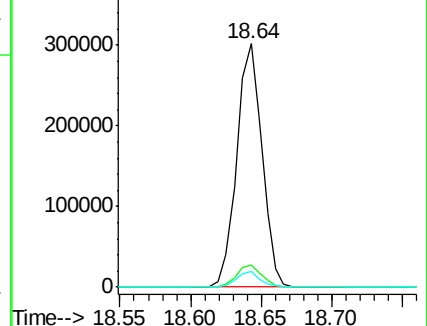
104 6.4 5.8 8.8

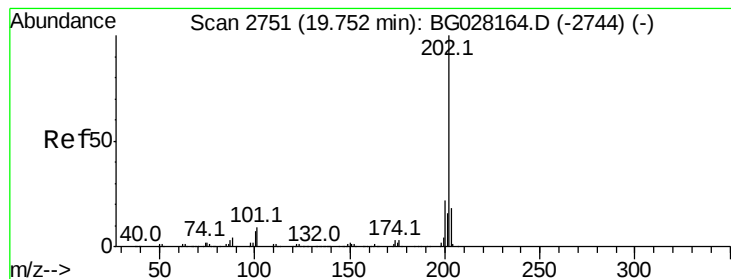


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.617 ng/ul

RT: 19.75 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

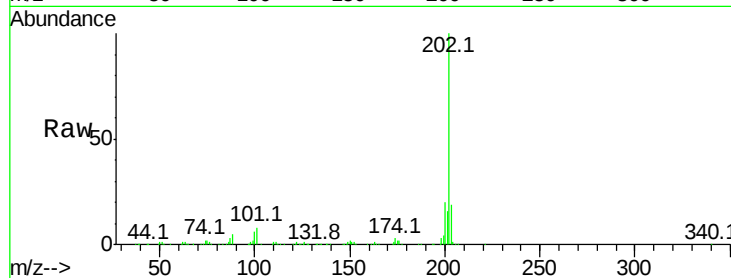
Tot Ion:202 Resp: 402188

Ion Ratio Lower Upper

202 100

101 7.9 6.2 9.2

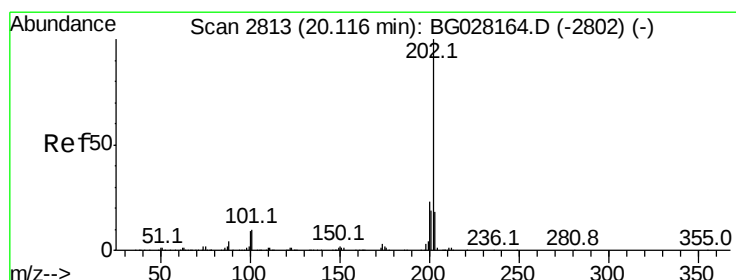
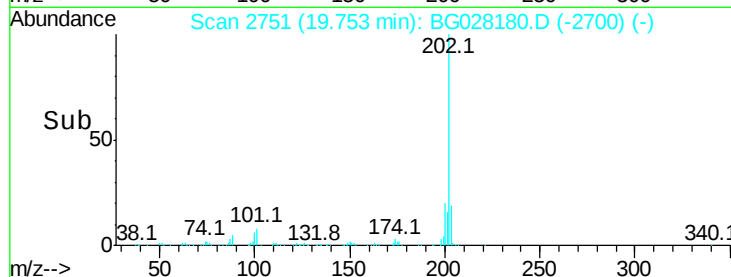
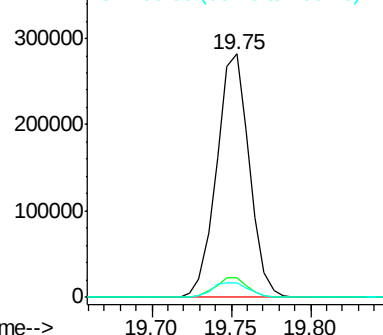
100 6.1 5.2 7.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.380 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

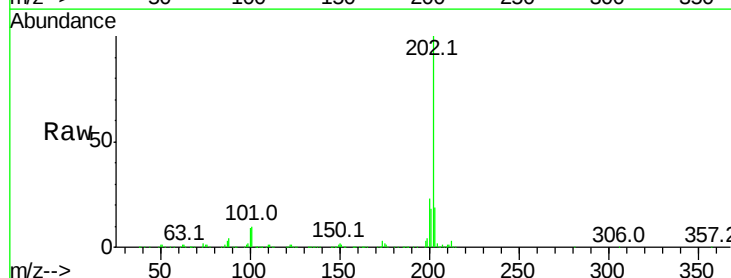
Tgt Ion:202 Resp: 425007

Ion Ratio Lower Upper

202 100

101 9.7 6.9 10.3

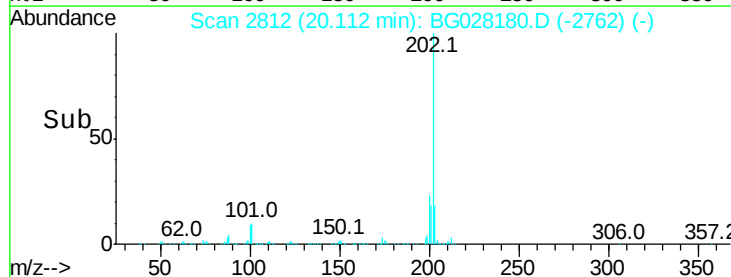
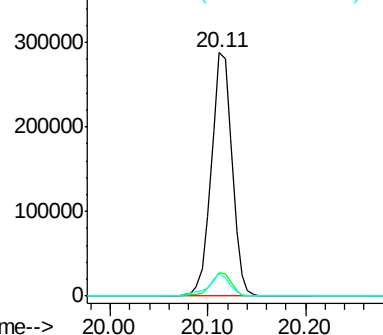
100 8.9 6.6 10.0

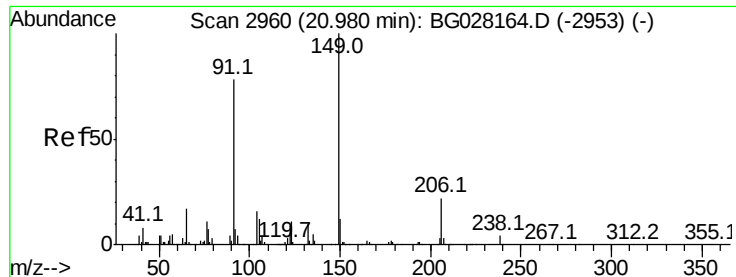


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

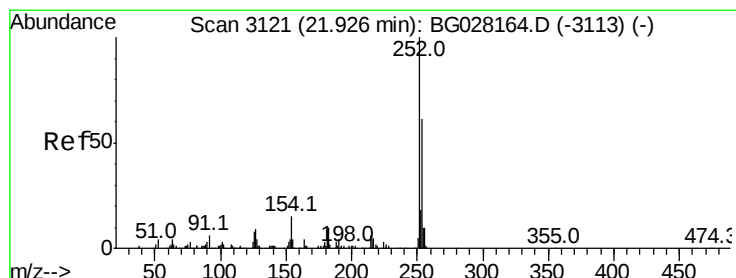
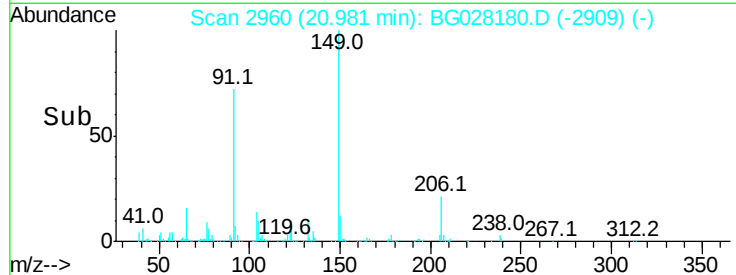
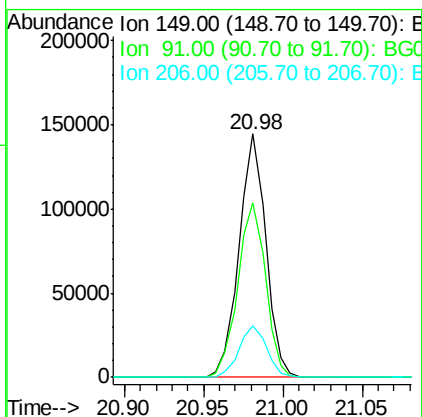
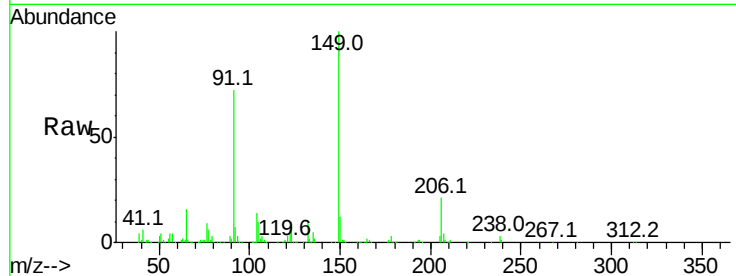




#78
Butylbenzylphthalate
Concen: 20.628 ng/ul
RT: 20.98 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

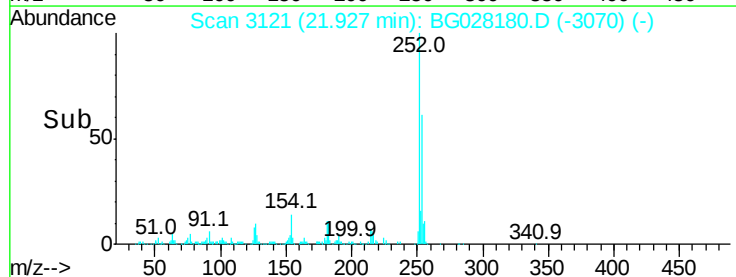
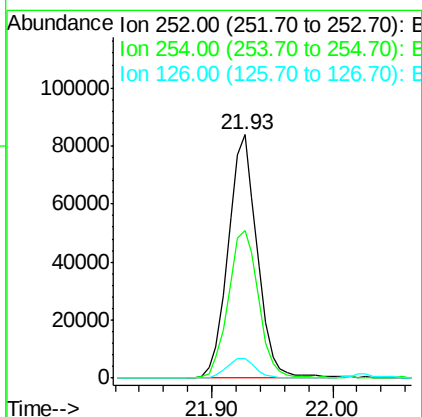
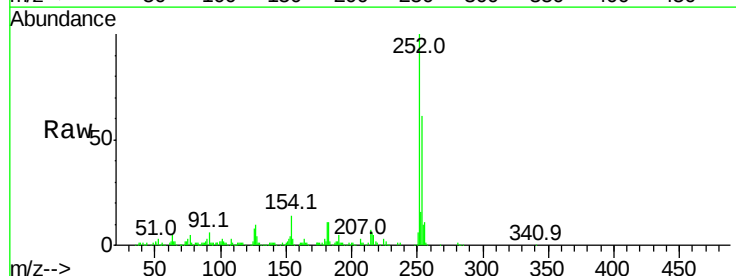
Instrument :
BNA_G
ClientSampleId :

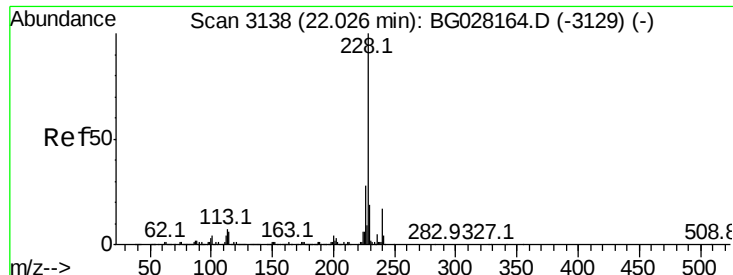
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	65.8	98.6
206	21.1	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 19.734 ng/ul
RT: 21.93 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BG028180.D
Acq: 8 Aug 2017 6:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.6	49.0	73.6
126	7.9	5.1	7.7#





#80

Benzo(a)anthracene

Concen: 19.953 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

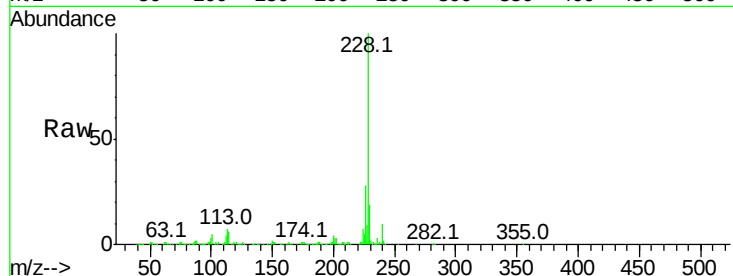
Tot Ion:228 Resp: 423775

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.3	24.5
226	28.1	21.9	32.9

228 100

229 19.4 16.3 24.5

226 28.1 21.9 32.9

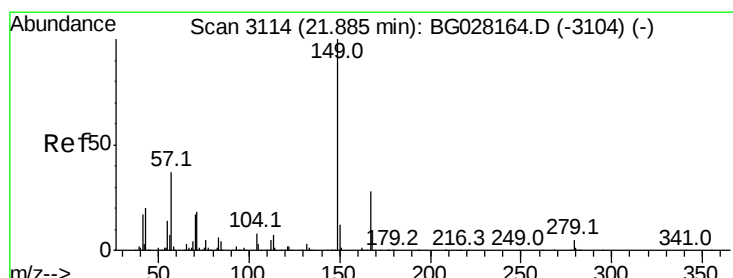
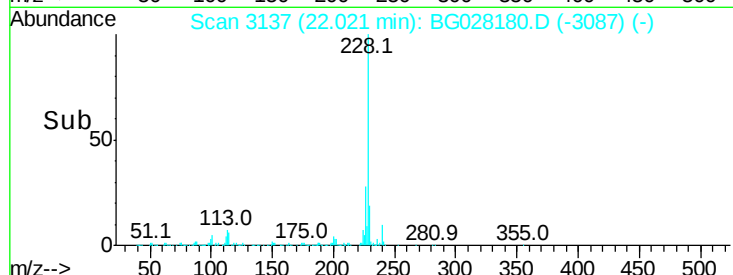
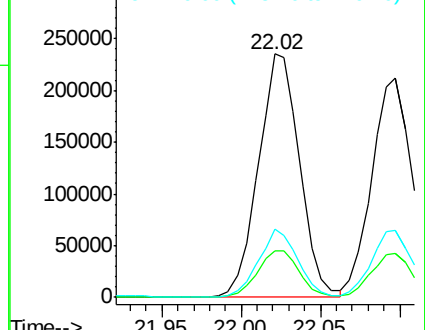


Abundance

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: 20.238 ng/ul

RT: 21.89 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

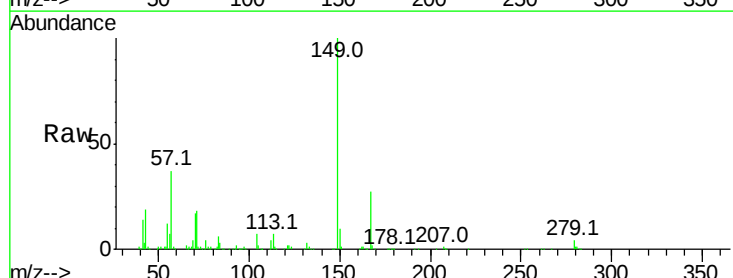
Tgt Ion:149 Resp: 236469

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	4.4	4.5	6.7#

149 100

167 26.6 21.8 32.8

279 4.4 4.5 6.7#

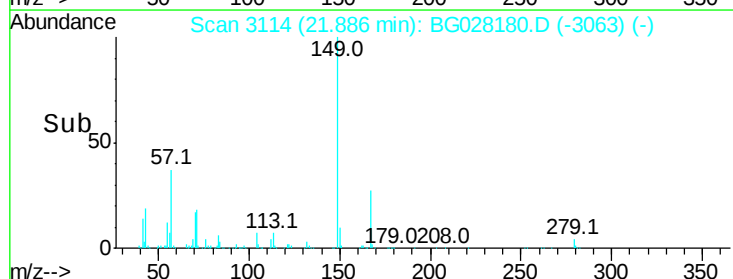
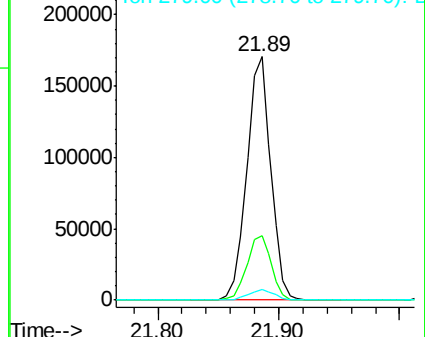


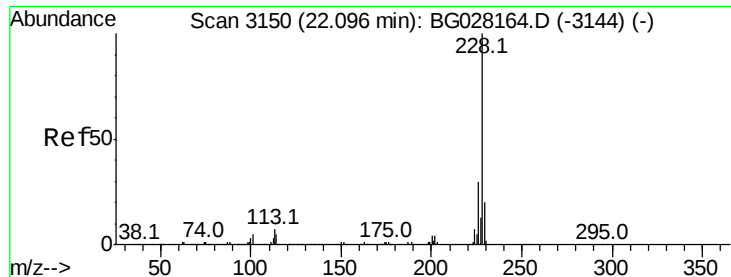
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.739 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

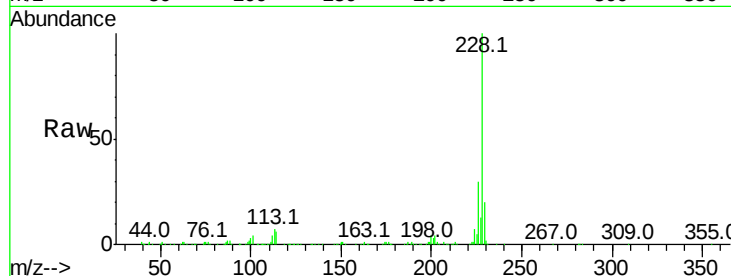
Tot Ion:228 Resp: 377563

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

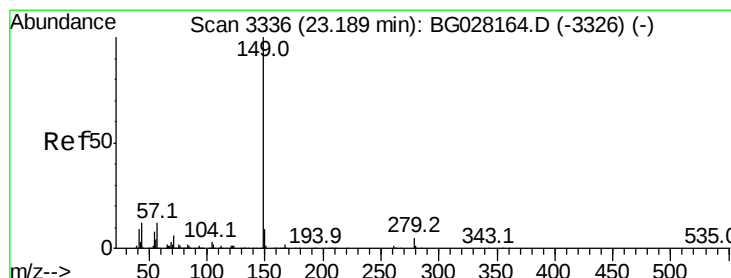
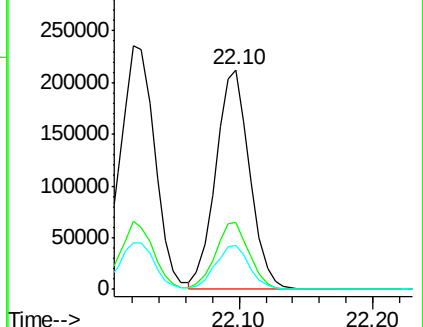
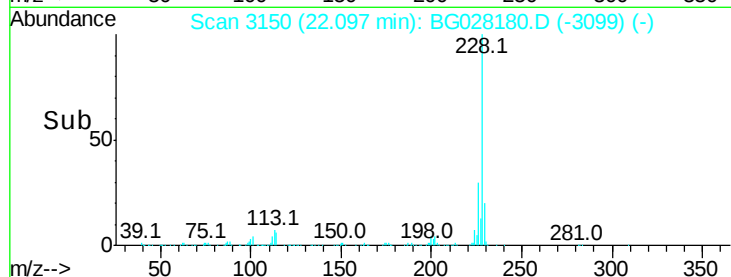
229 20.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 19.695 ng/ul

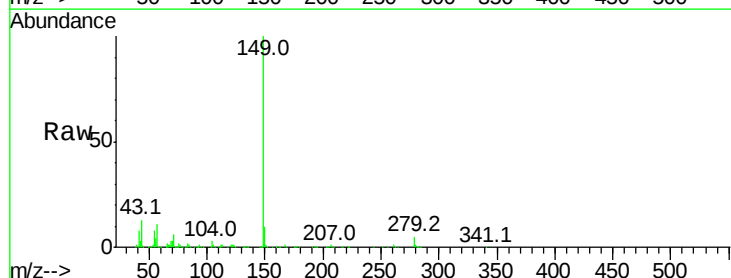
RT: 23.19 min Scan# 3336

Delta R.T. 0.00 min

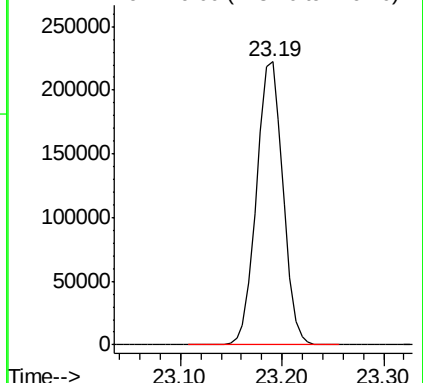
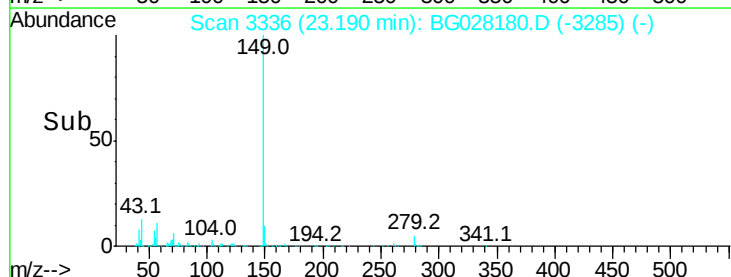
Lab File: BG028180.D

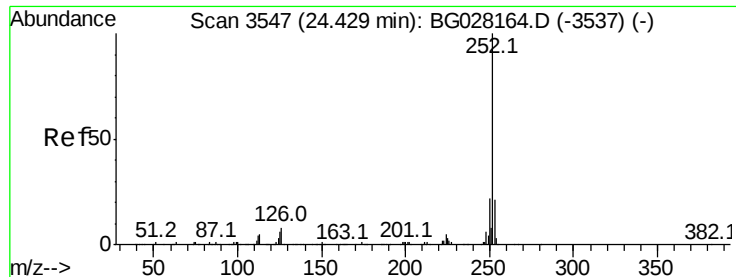
Acq: 8 Aug 2017 6:57

Tgt Ion:149 Resp: 406603



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 19.886 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

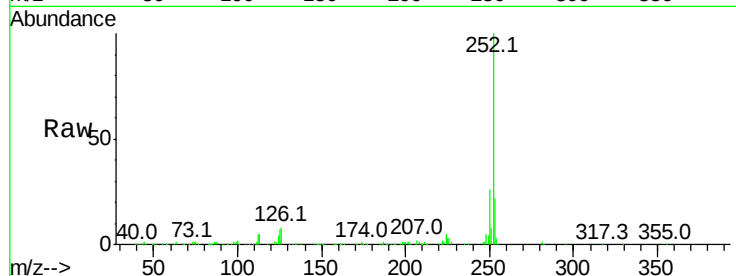
Tot Ion:252 Resp: 409945

Ion Ratio Lower Upper

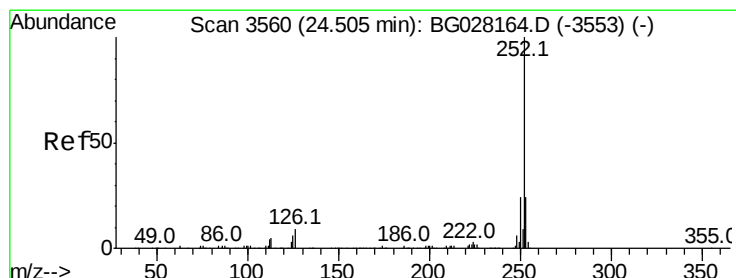
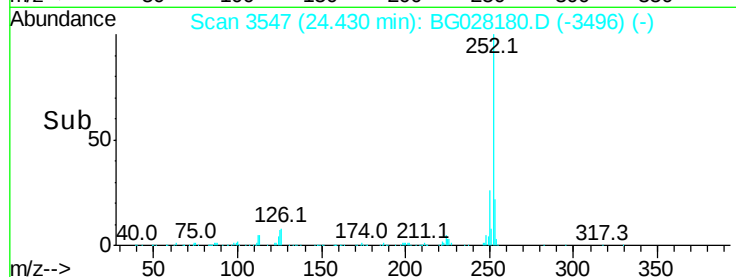
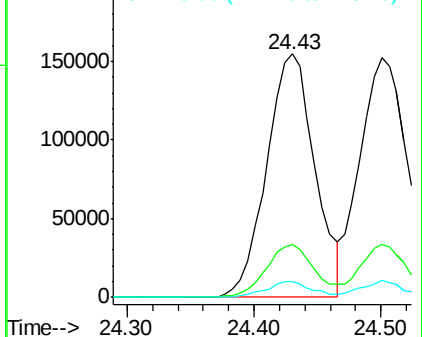
252 100

253 21.7 17.7 26.5

125 6.7 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: 19.626 ng/ul

RT: 24.50 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

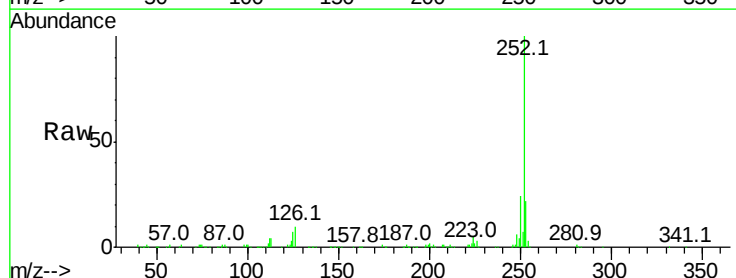
Tgt Ion:252 Resp: 395199

Ion Ratio Lower Upper

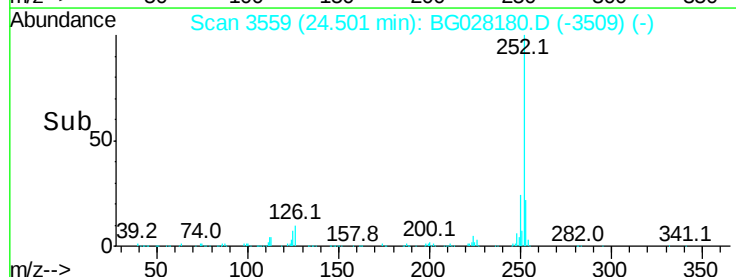
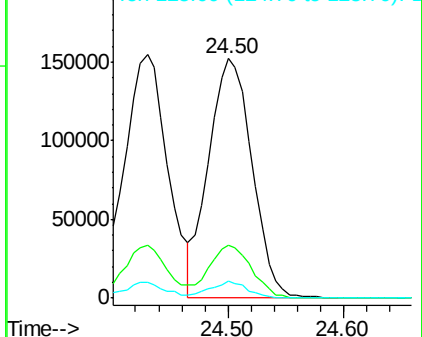
252 100

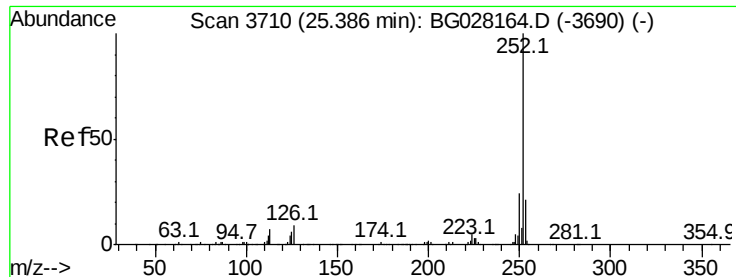
253 22.1 18.5 27.7

125 7.2 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: 19.818 ng/ul

RT: 25.38 min Scan# 3709

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

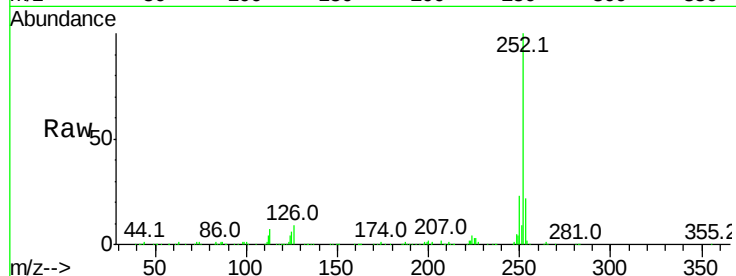
Tot Ion:252 Resp: 395572

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

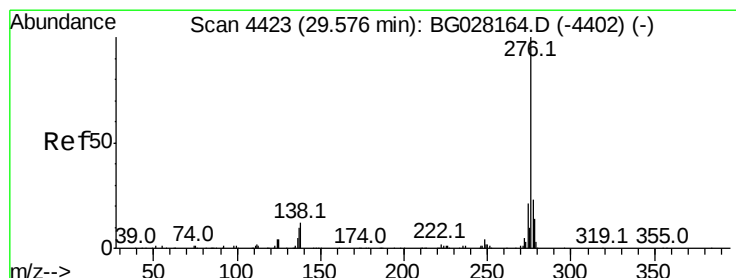
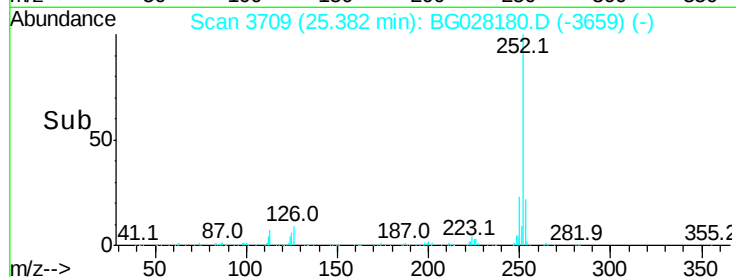
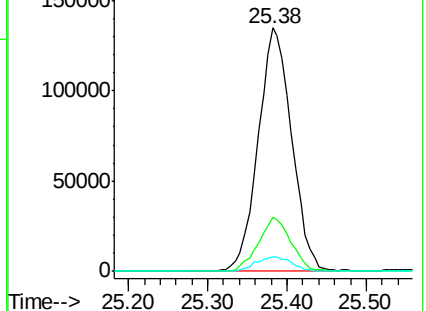
125 6.1 5.4 8.0



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: 19.334 ng/ul

RT: 29.57 min Scan# 4422

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

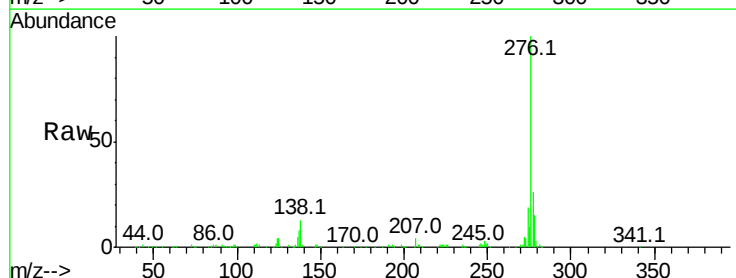
Tgt Ion:276 Resp: 451912

Ion Ratio Lower Upper

276 100

138 13.5 8.2 12.4#

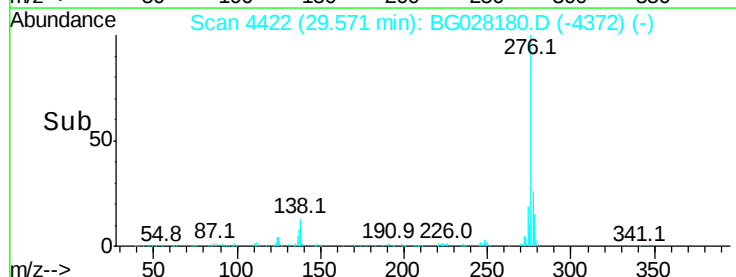
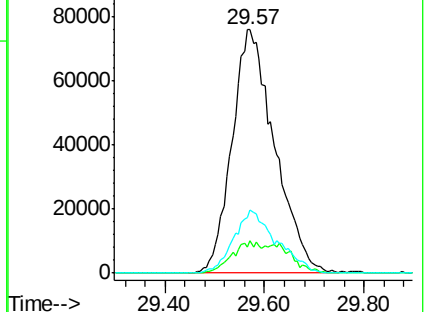
277 26.0 18.6 28.0

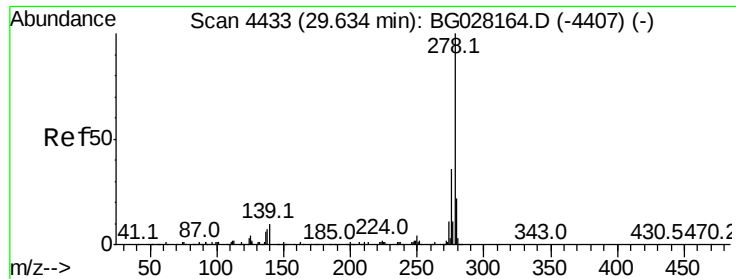


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.786 ng/ul

RT: 29.63 min Scan# 4432

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

Instrument :

BNA_G

ClientSampleId :

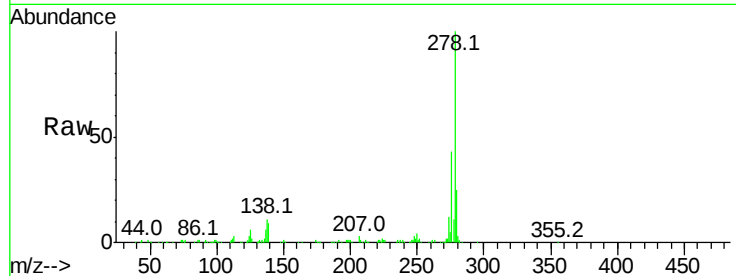
Tot Ion:278 Resp: 387641

Ion Ratio Lower Upper

278 100

139 9.3 6.7 10.1

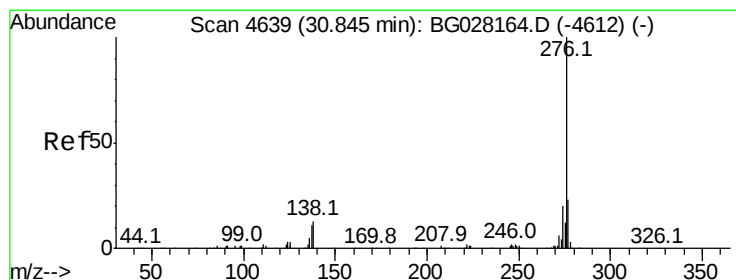
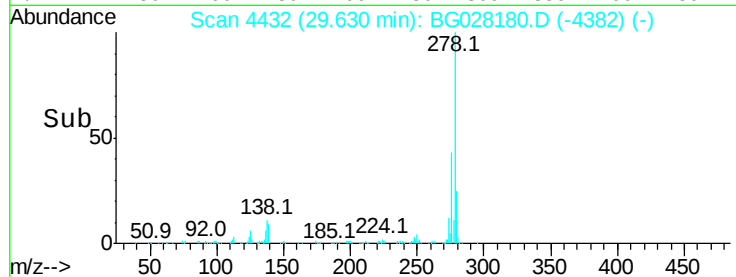
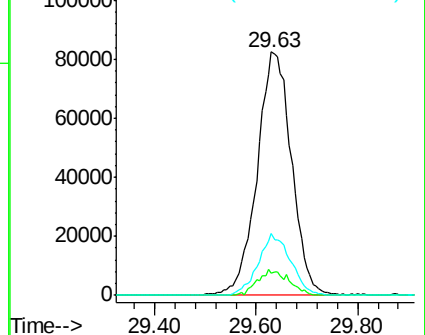
279 25.5 20.9 31.3



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: 19.874 ng/ul

RT: 30.84 min Scan# 4638

Delta R.T. -0.00 min

Lab File: BG028180.D

Acq: 8 Aug 2017 6:57

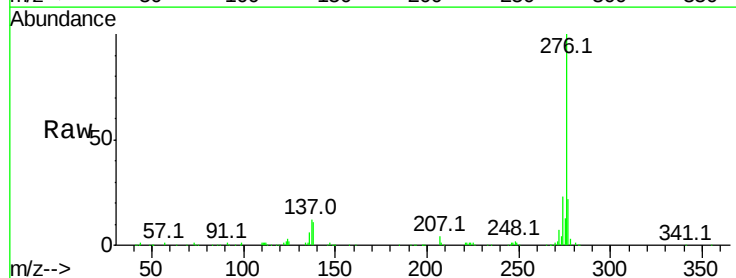
Tgt Ion:276 Resp: 382160

Ion Ratio Lower Upper

276 100

138 10.9 8.6 12.8

277 22.4 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

