

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036552.D
 Acq On : 5 Sep 2018 5:33
 Operator : JU/SJ
 Sample : J4759-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 05 06:47:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

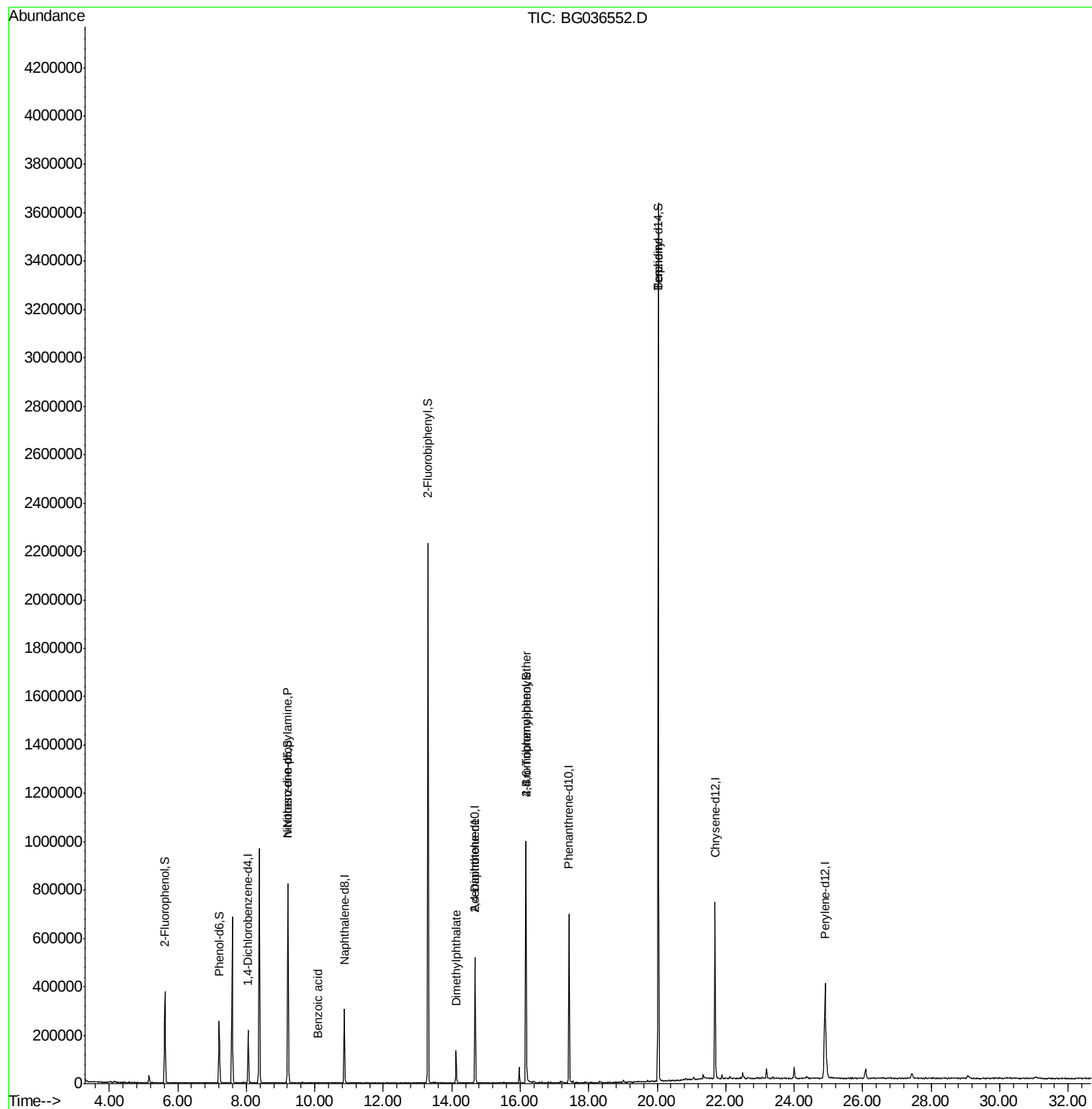
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61540	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	260701	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174803	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	447150	20.00	ng	0.00
75) Chrysene-d12	21.68	240	466000	20.00	ng	-0.01
86) Perylene-d12	24.89	264	461514	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	166490	42.92	ng	0.00
7) Phenol-d6	7.21	99	151231	27.23	ng	-0.01
23) Nitrobenzene-d5	9.22	82	497306	103.50	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	199932	95.85	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1151364	94.05	ng	0.00
78) Terphenyl-d14	20.03	244	1721269	86.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	65457	15.768	ng	# 67
32) Benzoic acid	10.07	122	74	4.503	ng	# 1
49) Dimethylphthalate	14.13	163	91160	6.387	ng	99
56) 2,4-Dinitrotoluene	14.68	165	23002	6.009	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	14682	2.804	ng	# 1
76) Benzidine	20.03	184	30291	2.037	ng	# 96

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

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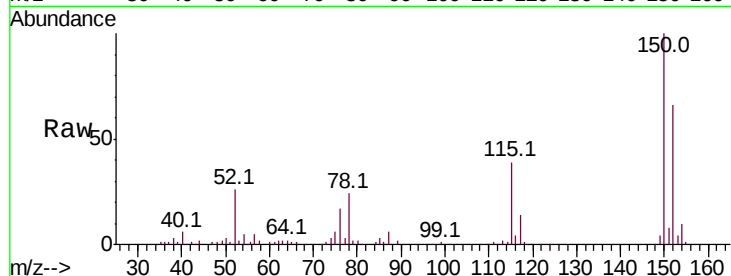


#1

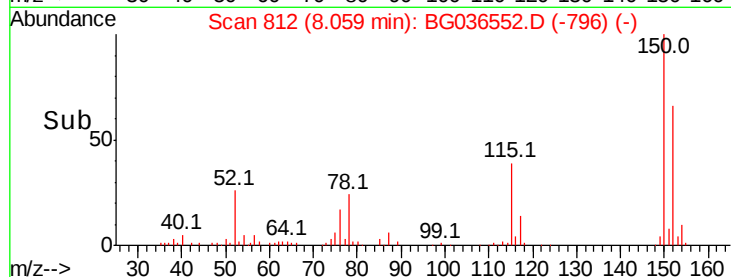
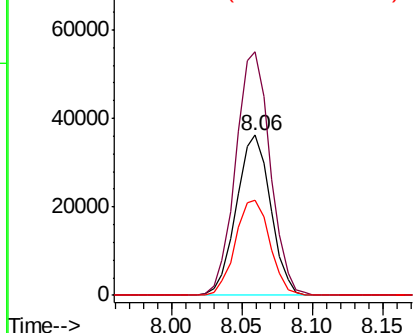
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	59.2	44.5	66.7



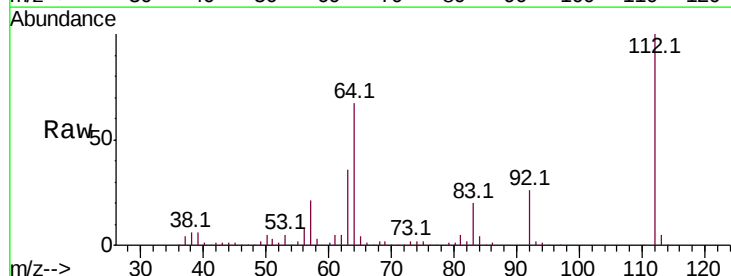
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



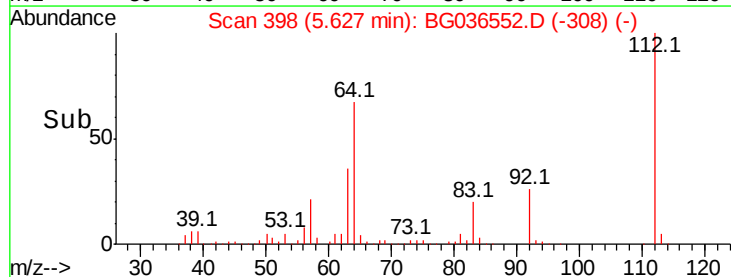
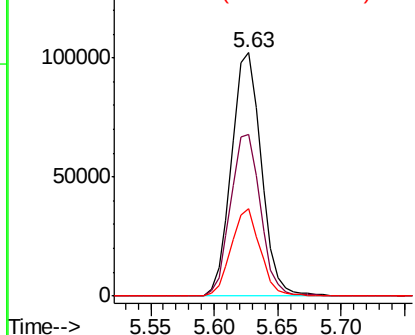
#5

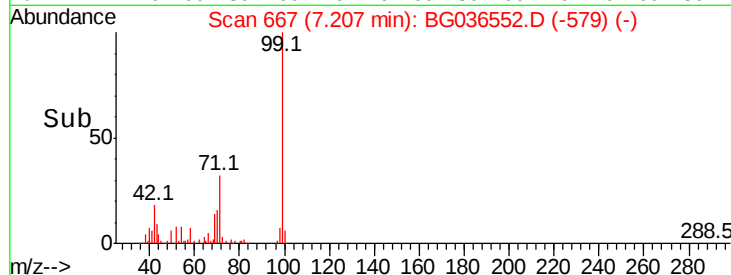
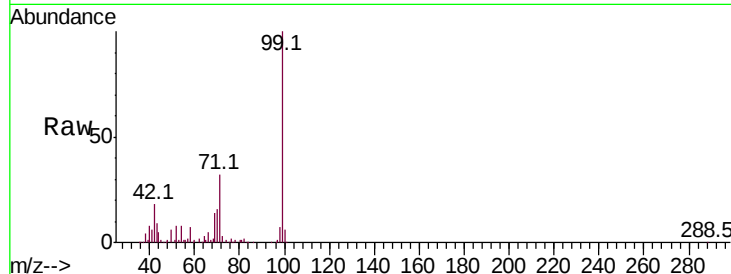
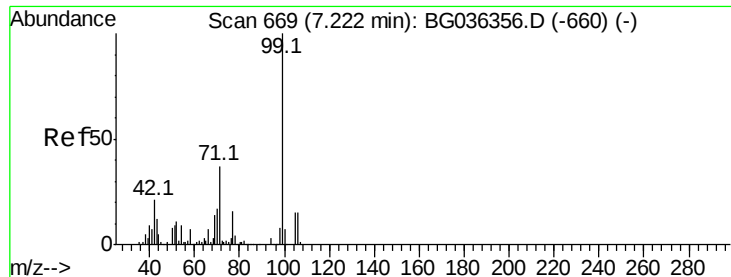
2-Fluorophenol
Concen: 42.916 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	57.2	85.8
63	35.9	30.8	46.2



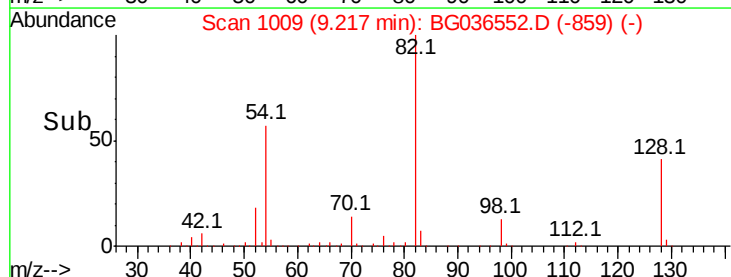
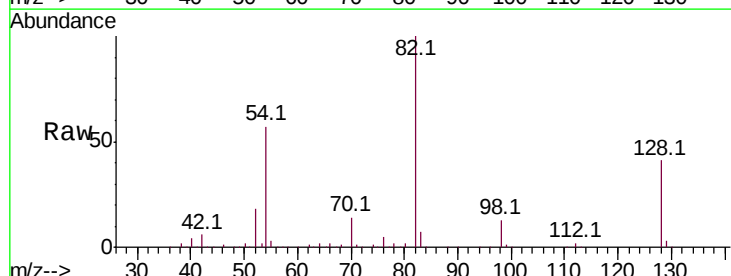
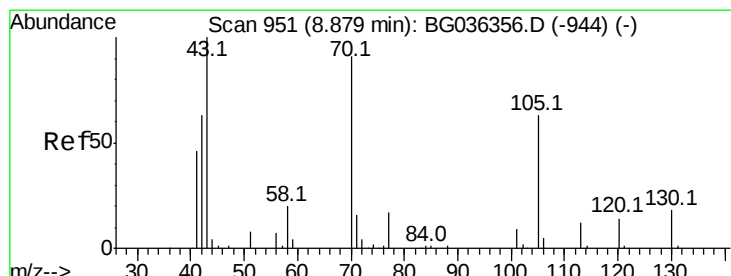
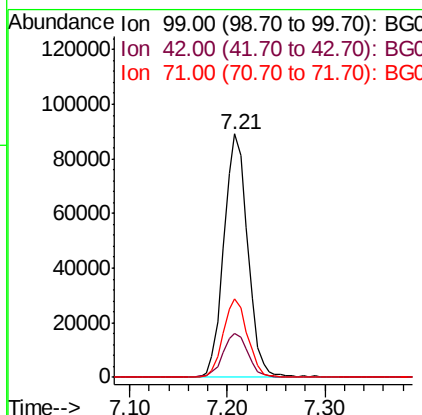
Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





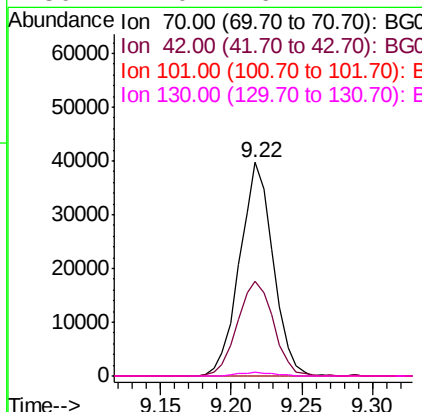
#7
Phenol-d6
Concen: 27.227 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

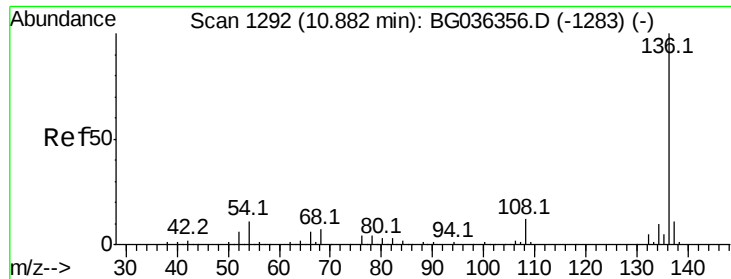
Tot Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.5	24.7
71	32.0	29.4	44.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.768 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.35 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.2	56.2	84.4#
101	0.0	7.8	11.6#
130	2.0	16.2	24.2#

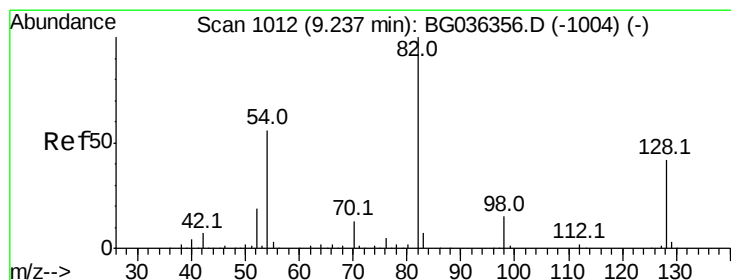
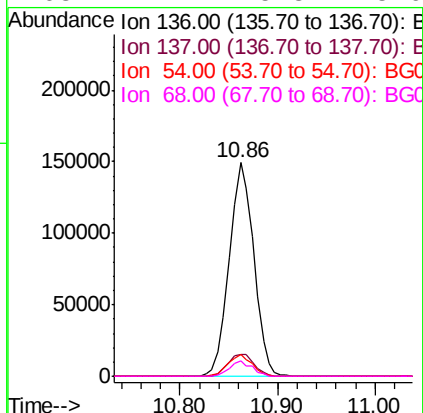
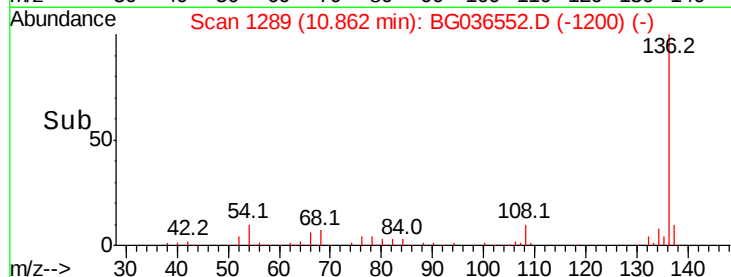
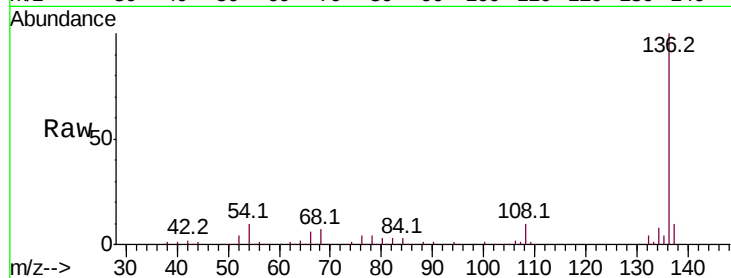




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

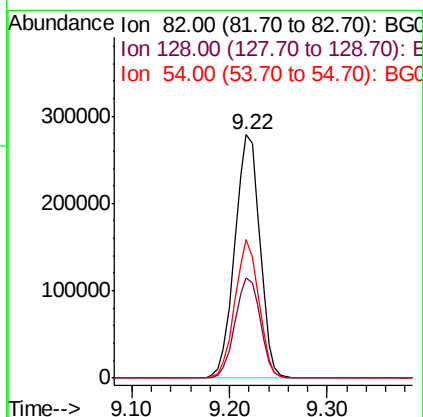
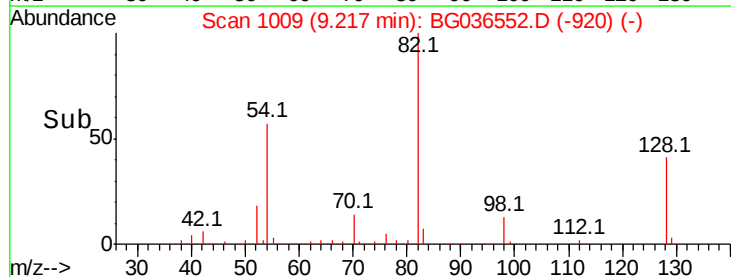
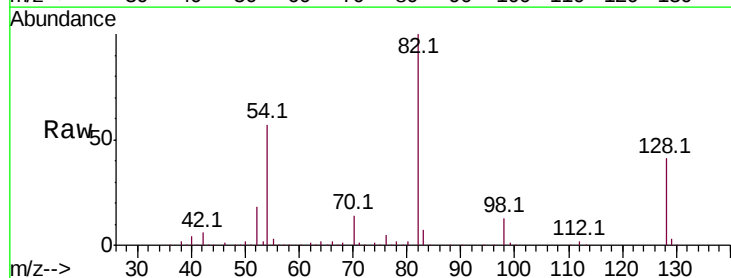
Instrument :
BNA_G
ClientSampleId :

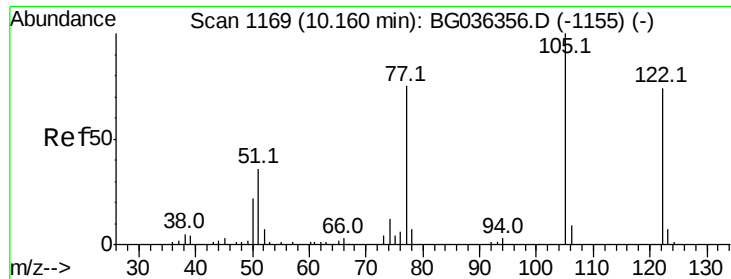
Tot Ion:	136	Resp:	260701
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.3	9.2	13.8
68	7.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 103.499 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036552.D
Acq: 5 Sep 2018 5:33

Tgt Ion:	82	Resp:	497306
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	56.8	45.1	67.7





#32

Benzoic acid

Concen: 4.503 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.08 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

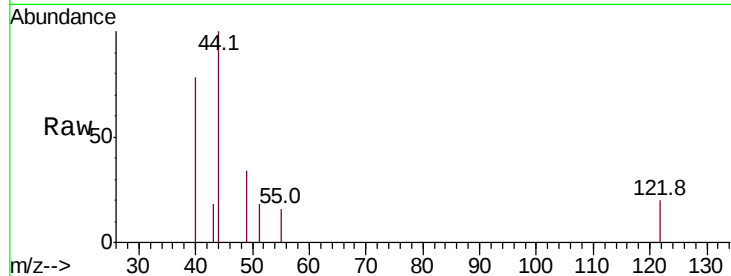
Tot Ion:122 Resp: 74

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

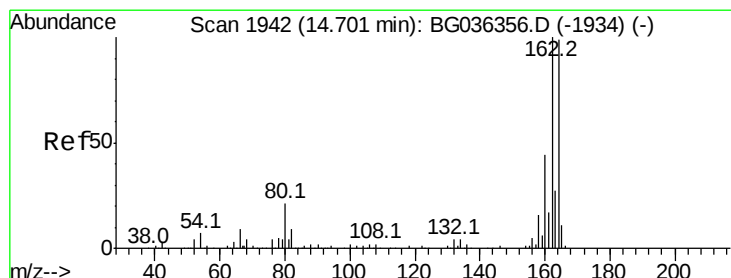
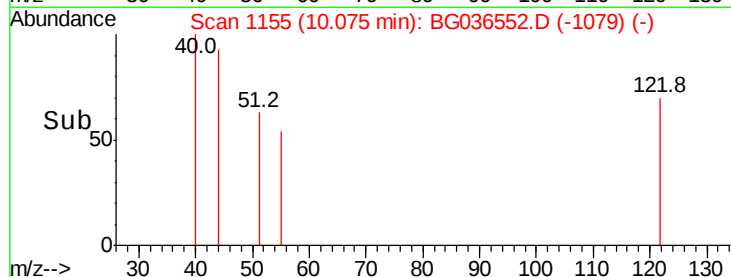
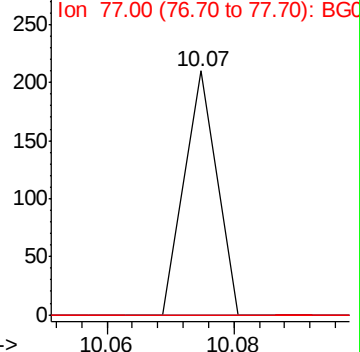
77 0.0 76.3 116.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

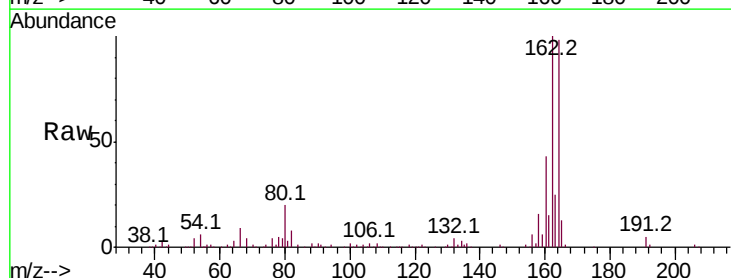
Tgt Ion:164 Resp: 174803

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

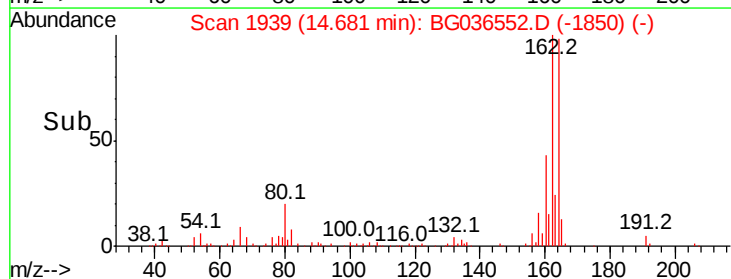
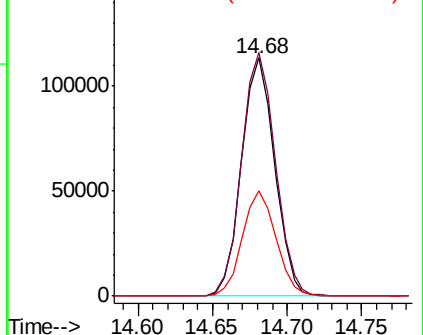
160 44.3 35.3 52.9

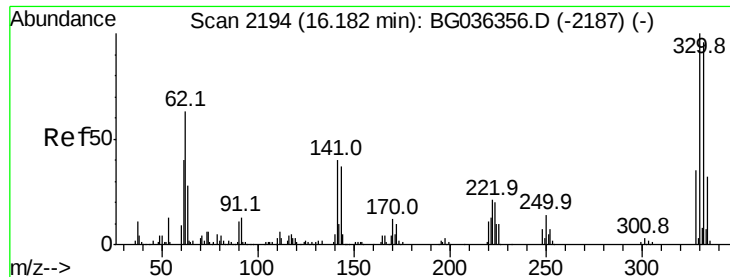


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

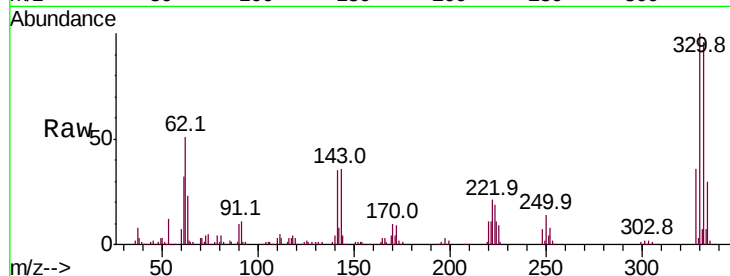




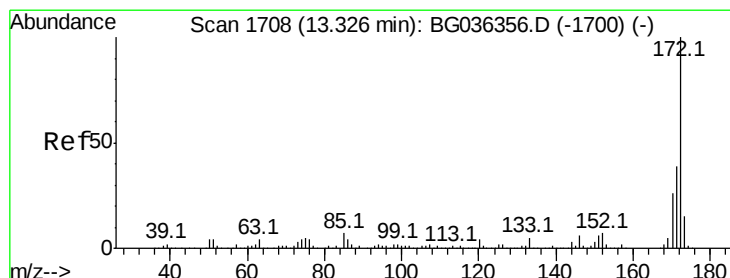
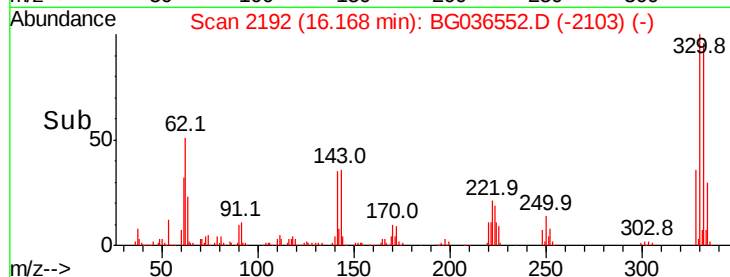
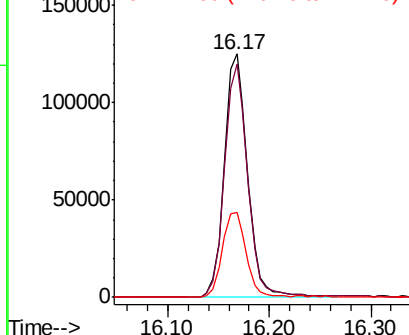
#41
 2,4,6-Tribromophenol
 Concen: 95.854 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	36.4	30.7	46.1

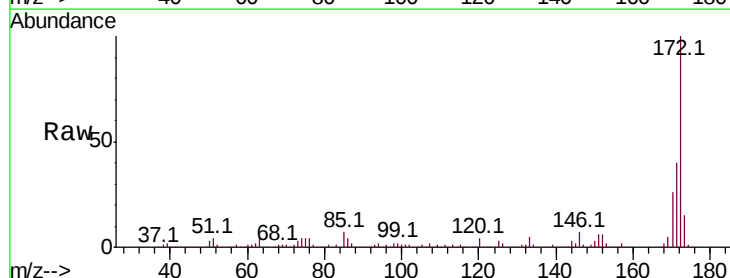


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

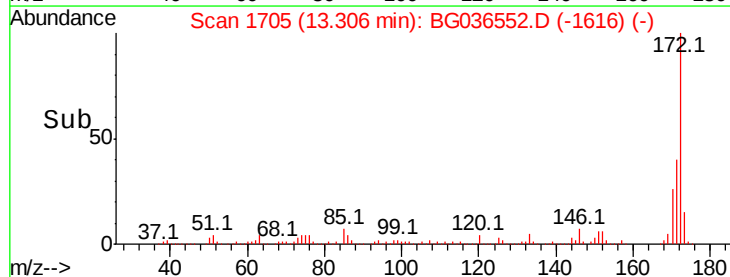
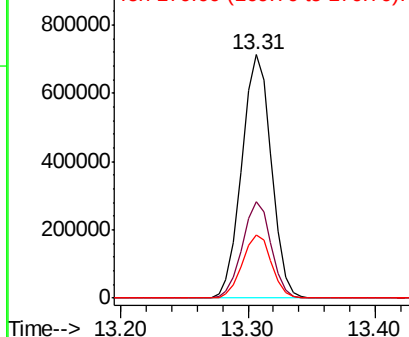


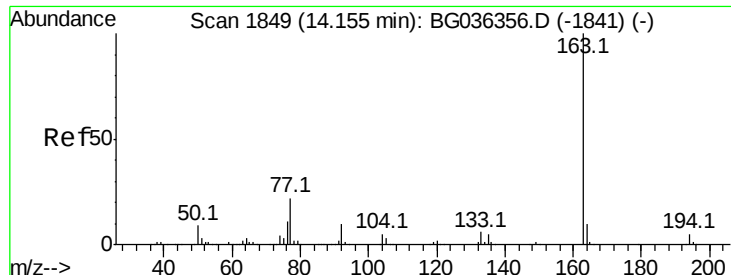
#44
 2-Fluorobiphenyl
 Concen: 94.045 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.3	46.9
170	25.8	21.0	31.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.387 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Instrument :

BNA_G

ClientSampleId :

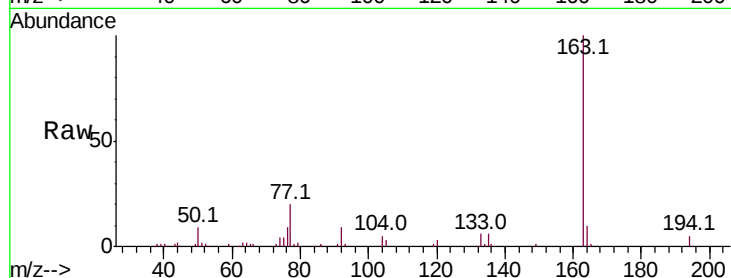
Tot Ion:163 Resp: 91160

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

164 9.9 8.1 12.1

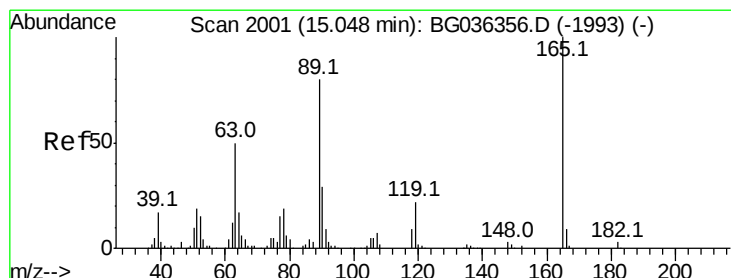
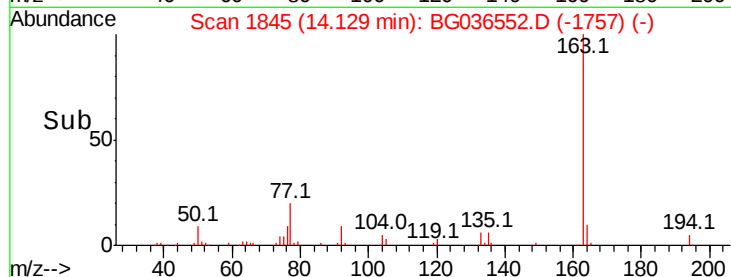
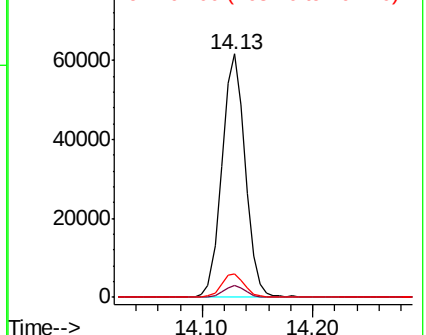


Abundance

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



#56

2,4-Dinitrotoluene

Concen: 6.009 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.36 min

Lab File: BG036552.D

Acq: 5 Sep 2018 5:33

Tgt Ion:165 Resp: 23002

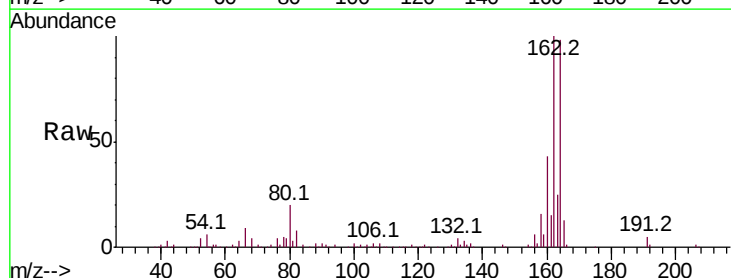
Ion Ratio Lower Upper

165 100

63 1.3 40.1 60.1#

89 1.7 63.7 95.5#

182 0.0 2.5 3.7#



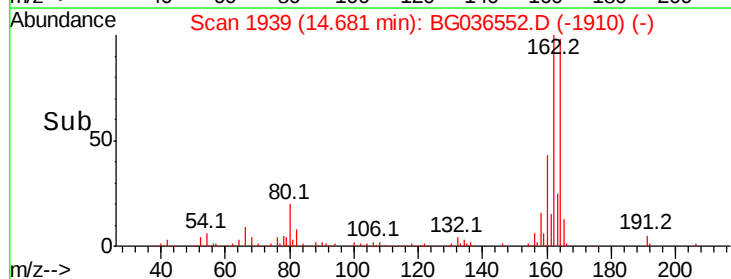
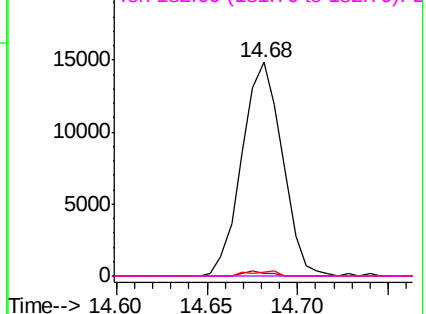
Abundance

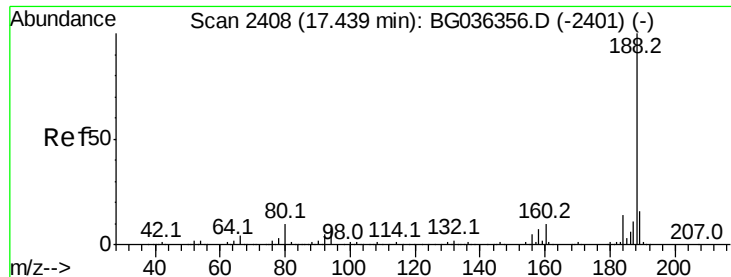
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

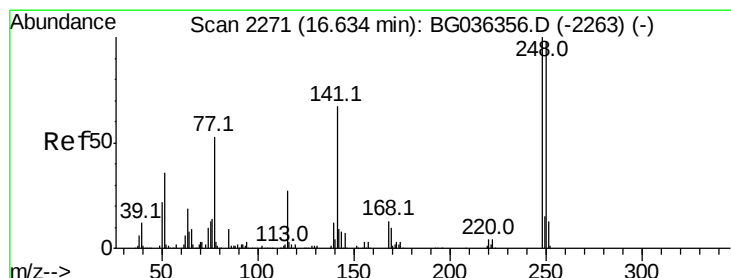
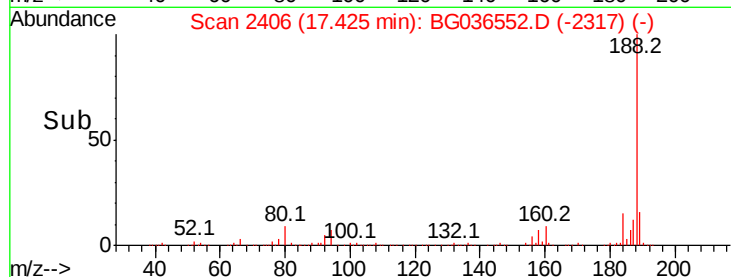
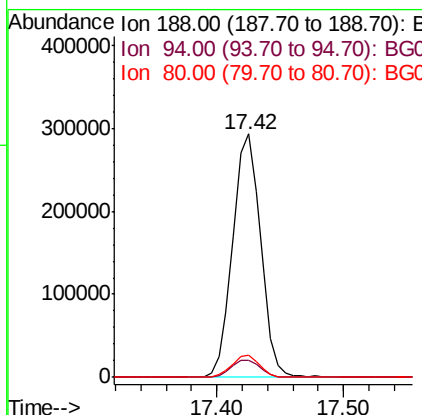
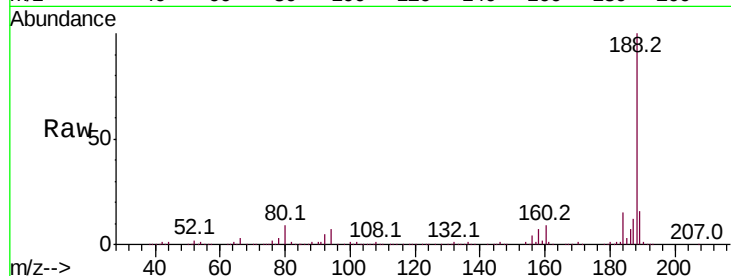




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

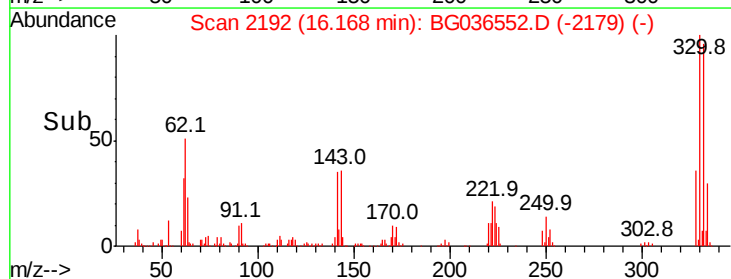
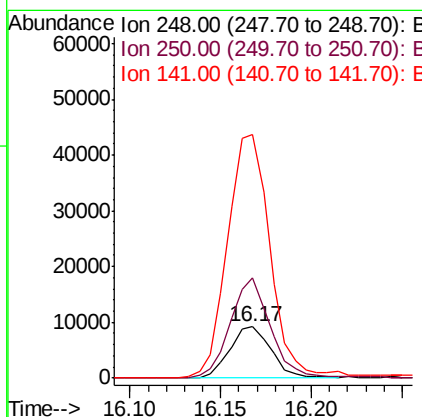
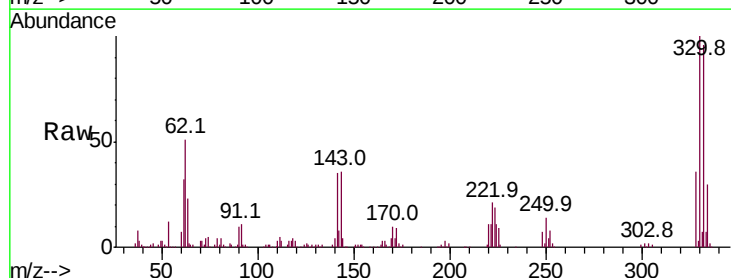
Instrument :
 BNA_G
 ClientSampleId :

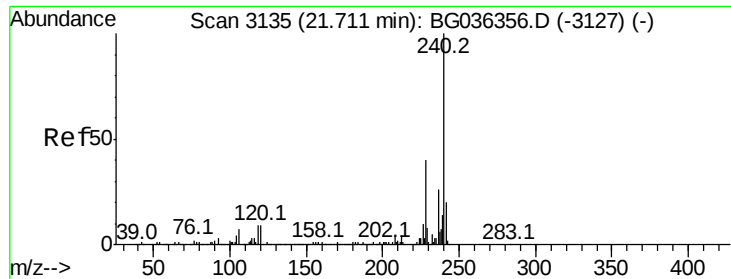
Tot Ion:188 Resp: 447150
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.7 10.1
 80 9.1 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.804 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion:248 Resp: 14682
 Ion Ratio Lower Upper
 248 100
 250 193.4 78.1 117.1#
 141 472.1 53.7 80.5#

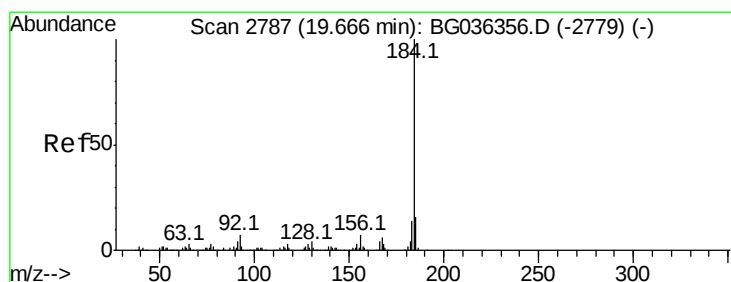
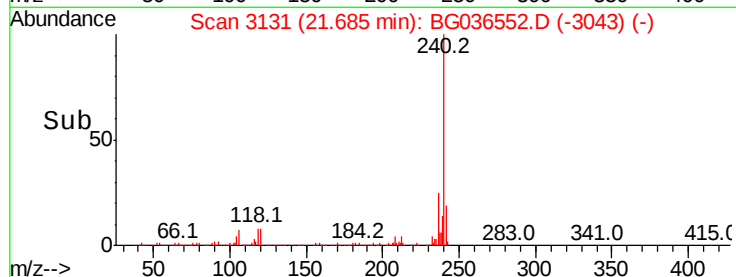
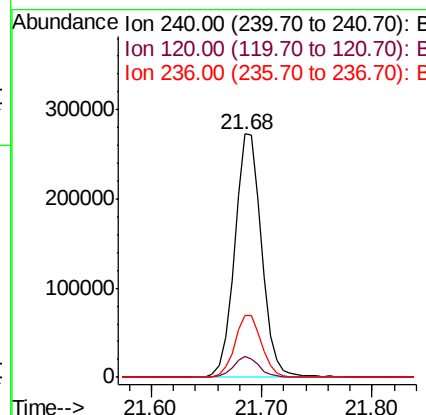
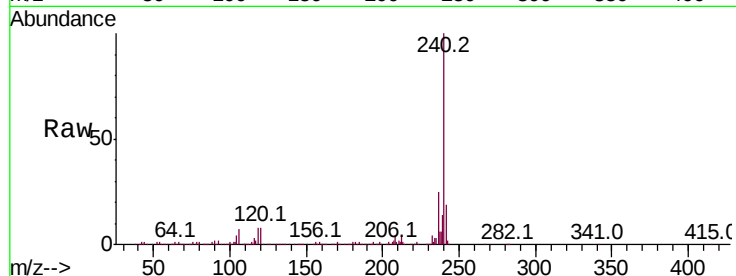




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

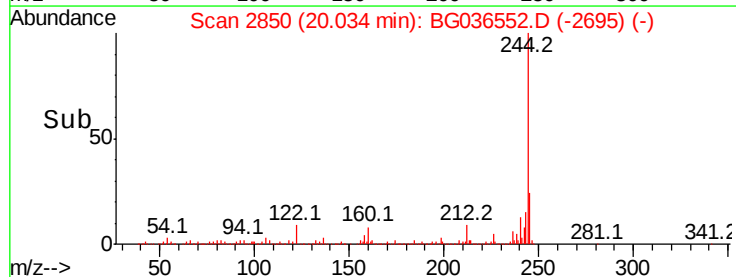
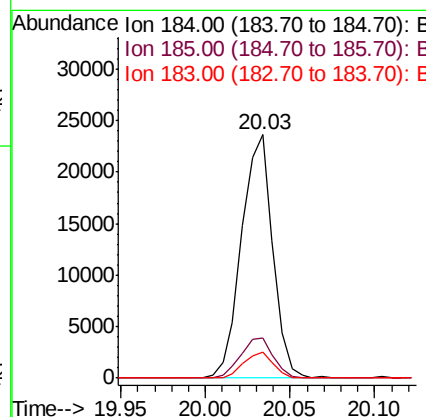
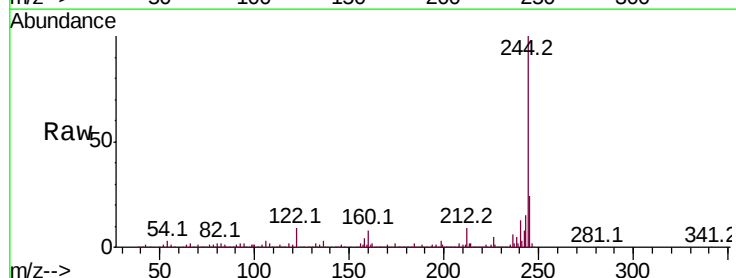
Instrument :
 BNA_G
 ClientSampleId :

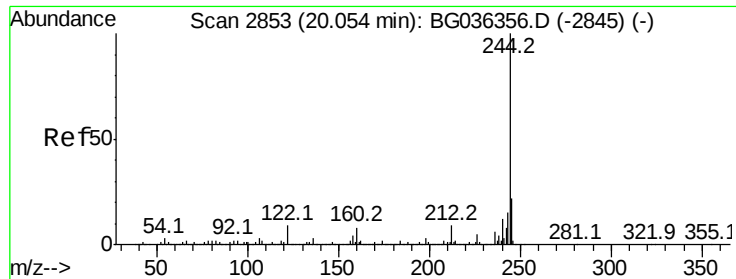
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	25.3	21.2	31.8



#76
 Benzidine
 Concen: 2.037 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.38 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	18.8
183	10.5	10.9	16.3



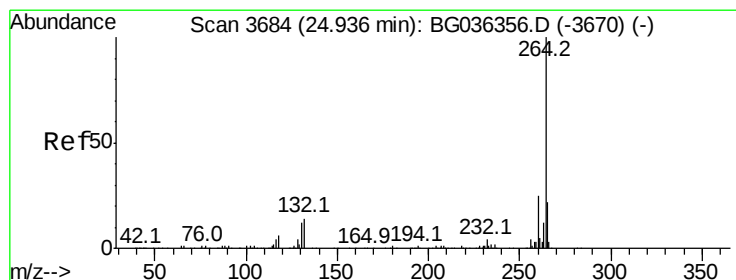
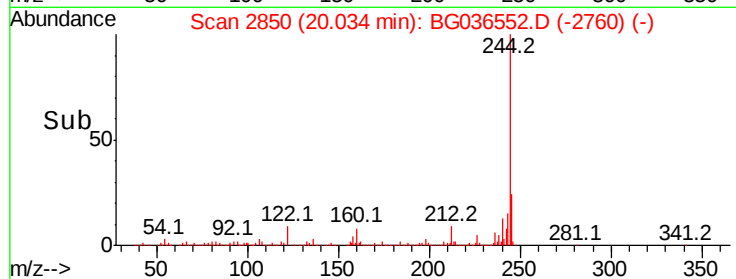
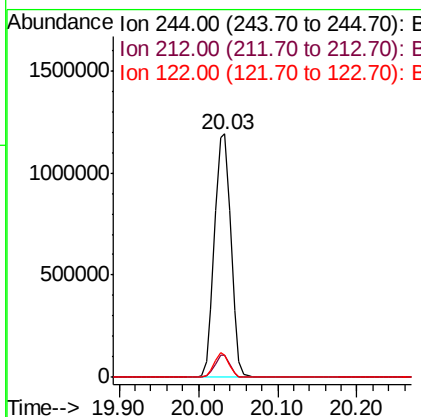
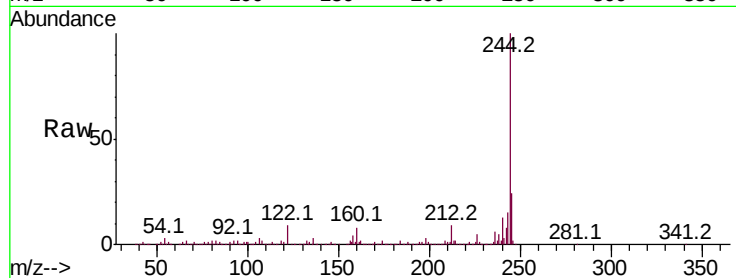


#78
 Terphenyl-d14
 Concen: 86.335 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1721269

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.4	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036552.D
 Acq: 5 Sep 2018 5:33

Tgt Ion:264 Resp: 461514

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	22.2	17.4	26.0

