

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036529.D
 Acq On : 4 Sep 2018 13:16
 Operator : JU/SJ
 Sample : J4712-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 14:02:50 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

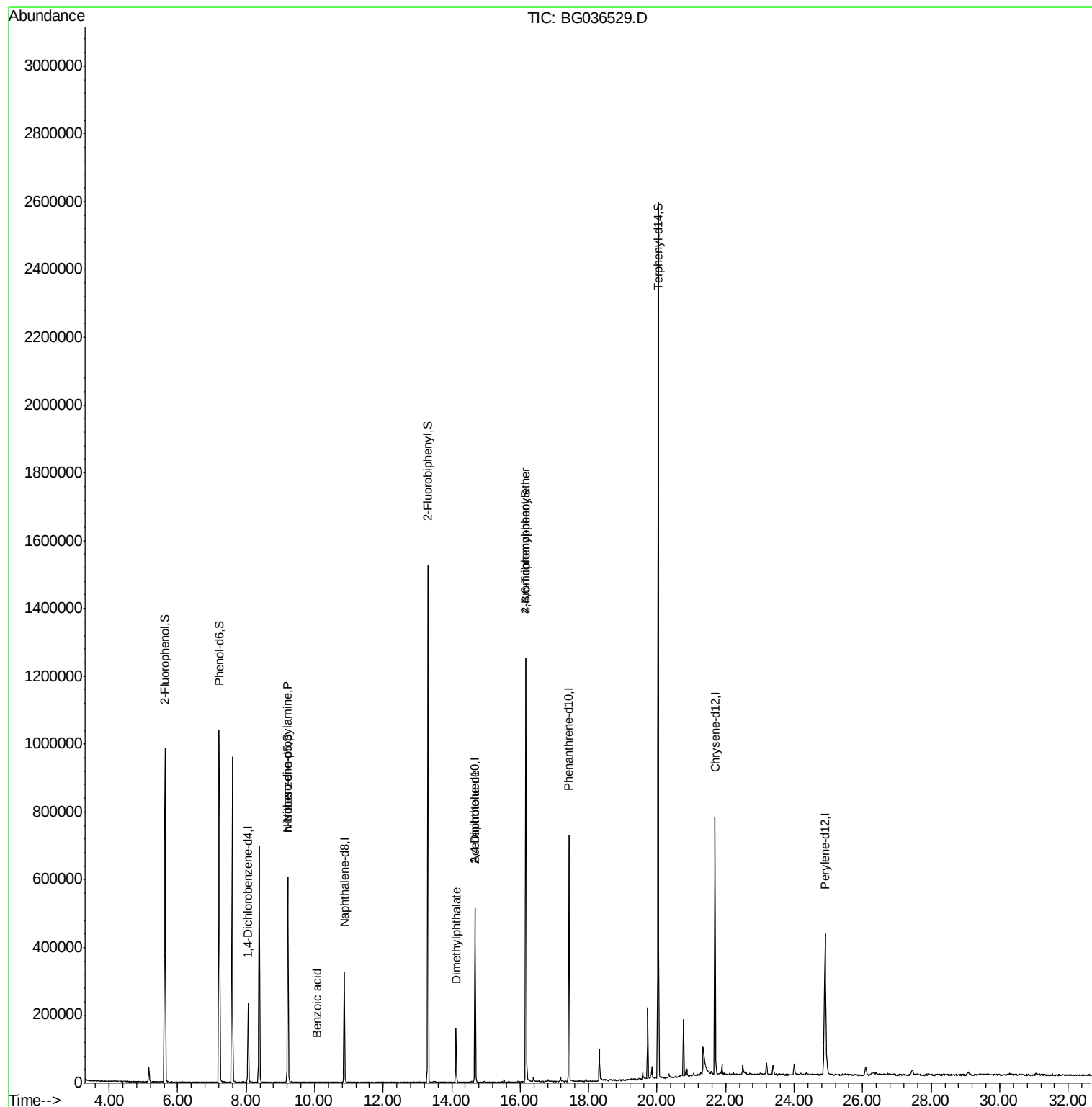
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	67704	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	277275	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	177540	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	453890	20.00	ng	0.00
75) Chrysene-d12	21.69	240	474777	20.00	ng	0.00
86) Perylene-d12	24.90	264	482584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	428886	100.49	ng	0.00
7) Phenol-d6	7.21	99	606182	99.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	356639	69.79	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239657	113.13	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	786165	63.23	ng	0.00
78) Terphenyl-d14	20.03	244	1238063	60.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46813	10.250	ng	# 71
32) Benzoic acid	10.07	122	75	4.502	ng	# 1
49) Dimethylphthalate	14.13	163	108727	7.500	ng	99
56) 2,4-Dinitrotoluene	14.68	165	23114	5.945	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	16961	3.192	ng	# 1

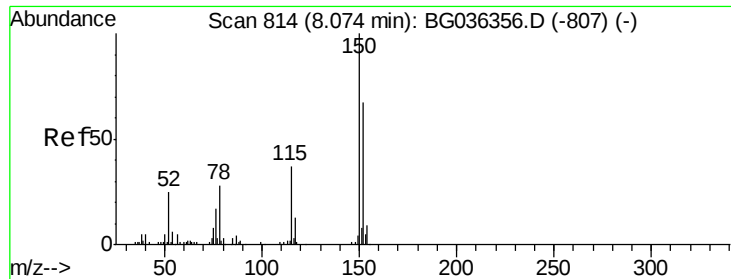
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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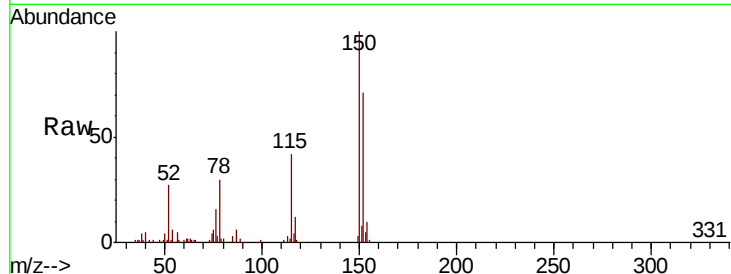


#1

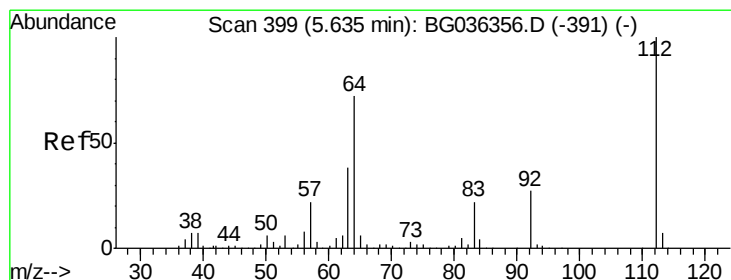
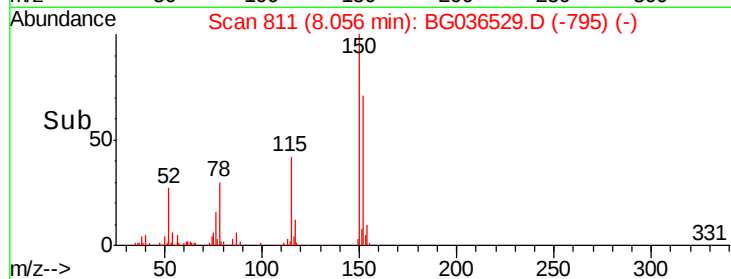
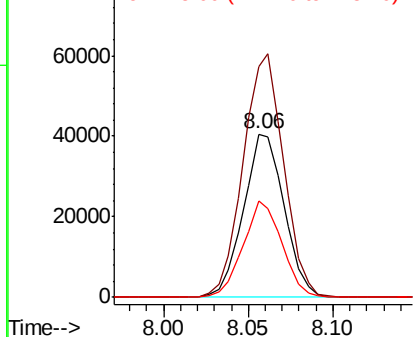
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67704
Ion Ratio Lower Upper
152 100
150 141.5 119.5 179.3
115 58.8 44.5 66.7



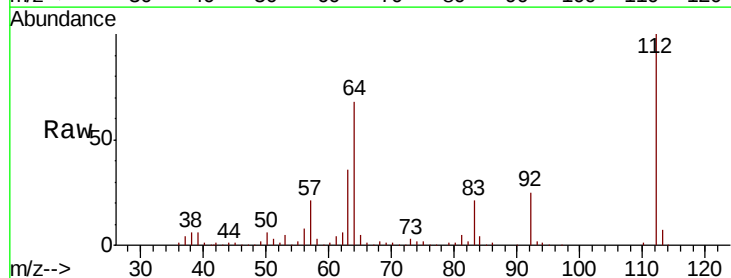
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



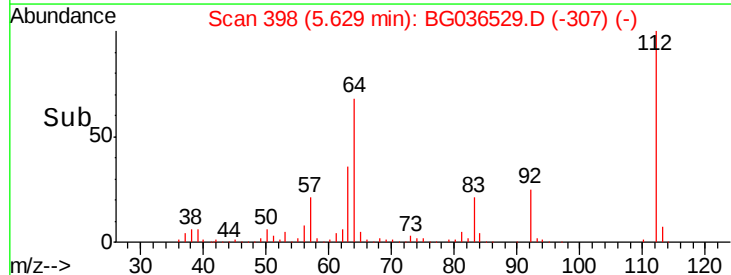
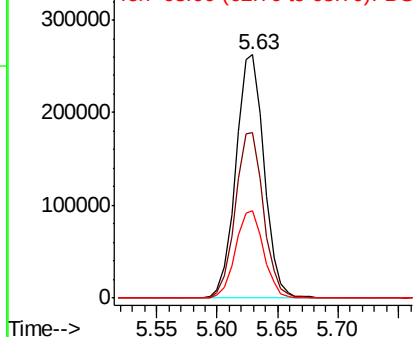
#5

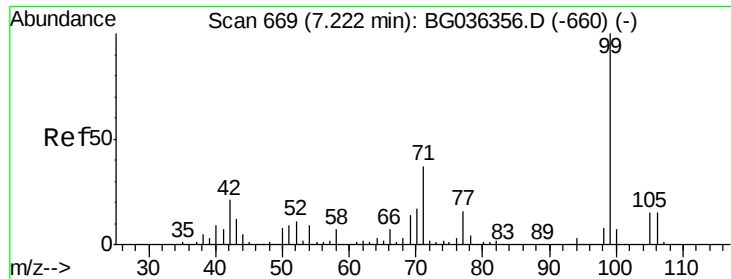
2-Fluorophenol
Concen: 100.487 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Tgt Ion:112 Resp: 428886
Ion Ratio Lower Upper
112 100
64 68.1 57.2 85.8
63 36.1 30.8 46.2



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





#7

Phenol-d6

Concen: 99.198 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

Instrument :

BNA_G

ClientSampleId :

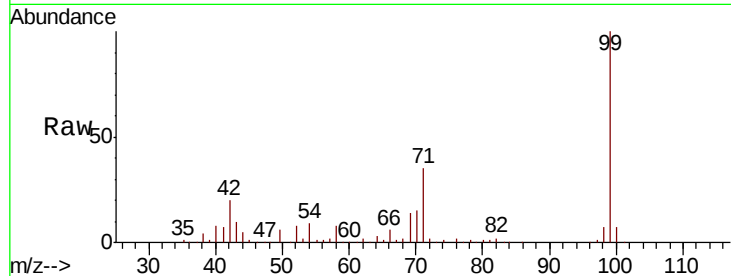
Tot Ion: 99 Resp: 606182

Ion Ratio Lower Upper

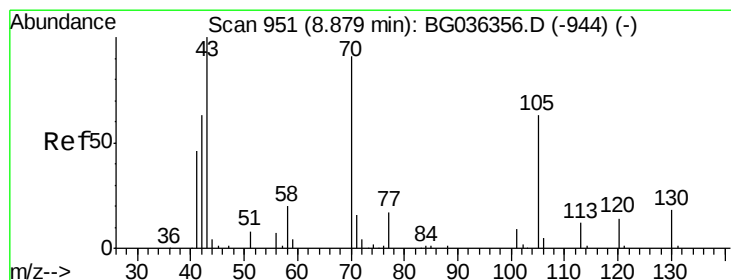
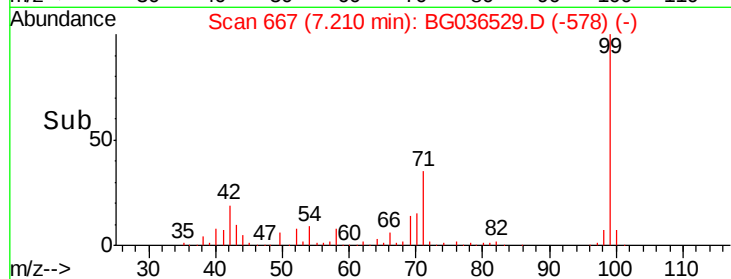
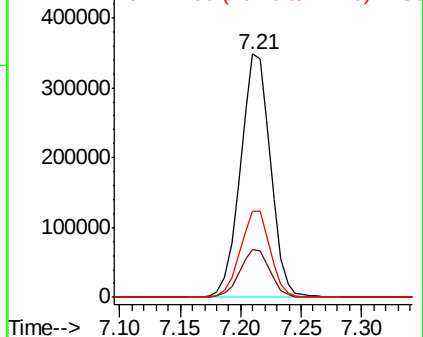
99 100

42 19.5 16.5 24.7

71 35.2 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 10.250 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

Tgt Ion: 70 Resp: 46813

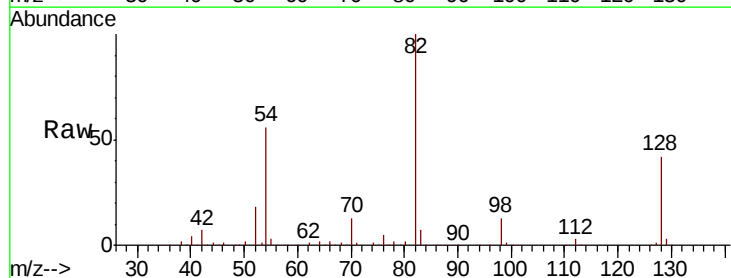
Ion Ratio Lower Upper

70 100

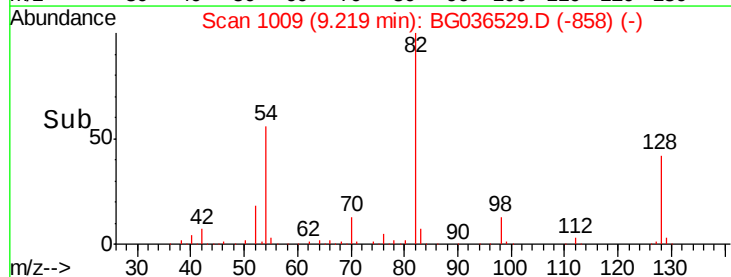
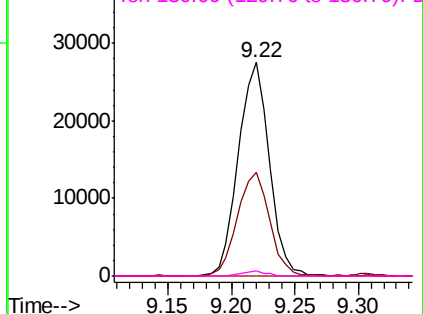
42 48.7 56.2 84.4#

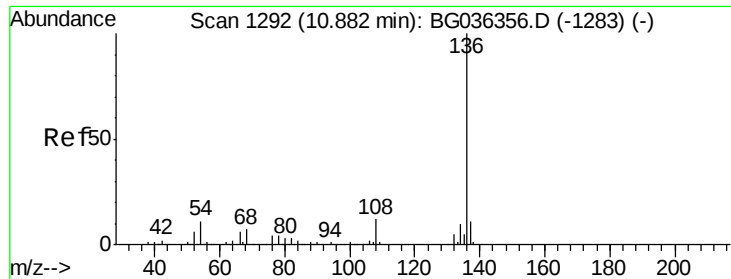
101 0.0 7.8 11.6#

130 2.4 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

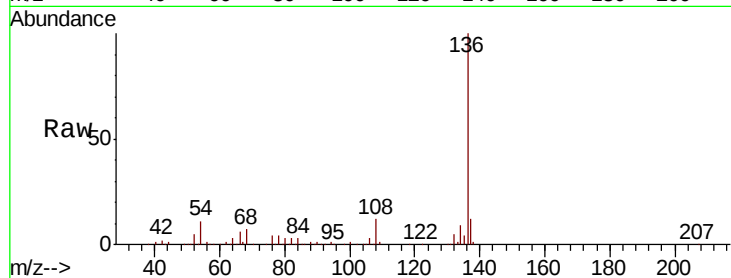




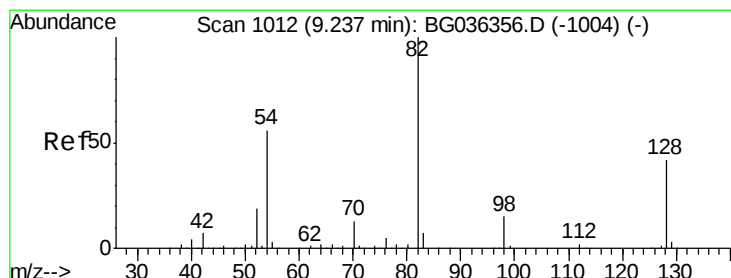
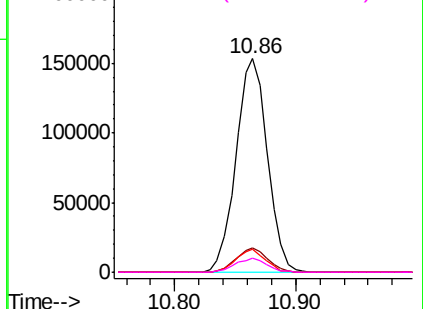
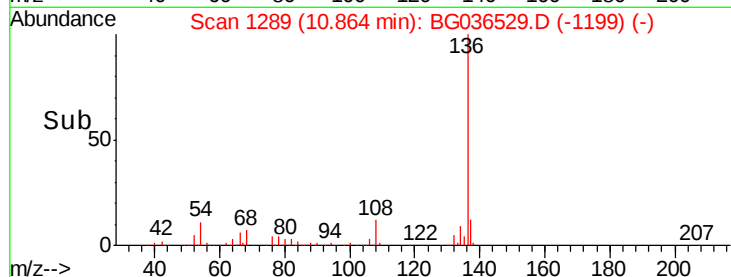
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	277275
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.8 13.2
54	10.5	9.2 13.8
68	6.8	5.8 8.6

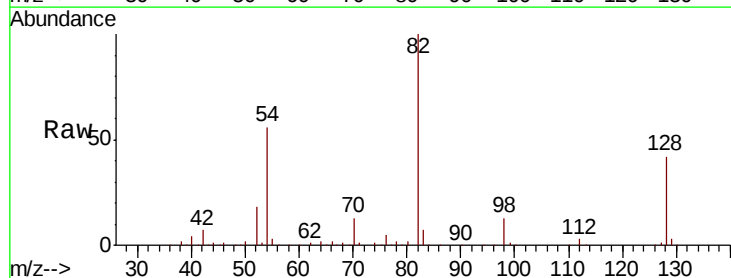


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

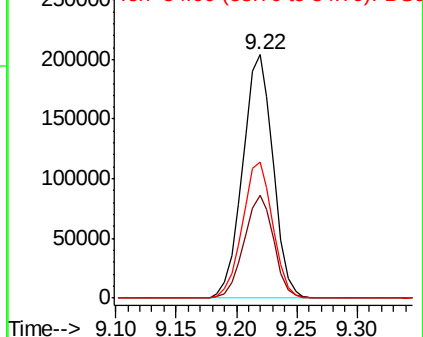
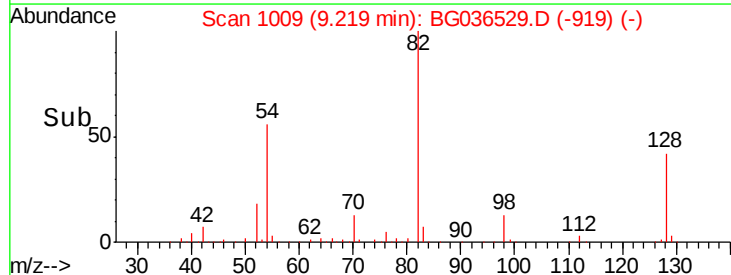


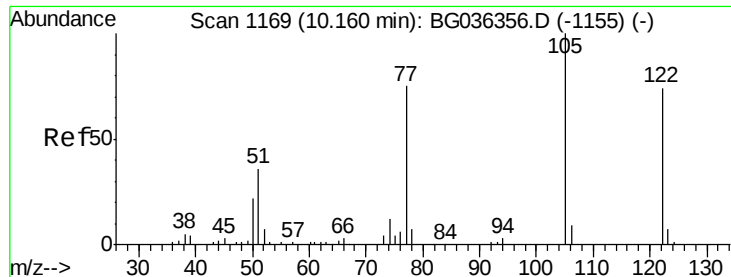
#23
Nitrobenzene-d5
Concen: 69.787 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Tgt Ion: 82	Resp:	356639
Ion	Ratio	Lower Upper
82	100	
128	42.2	33.3 49.9
54	55.7	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

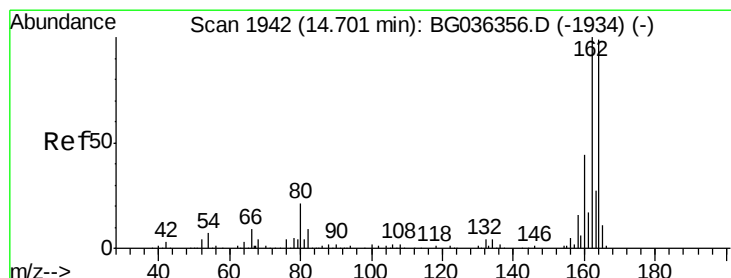
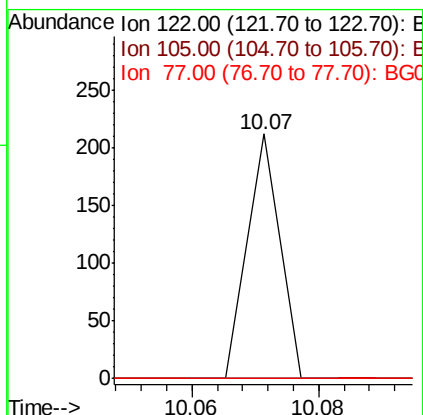
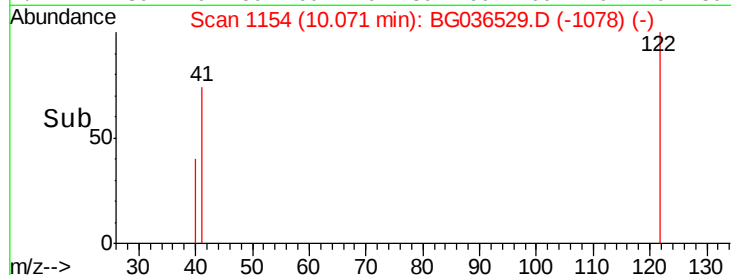
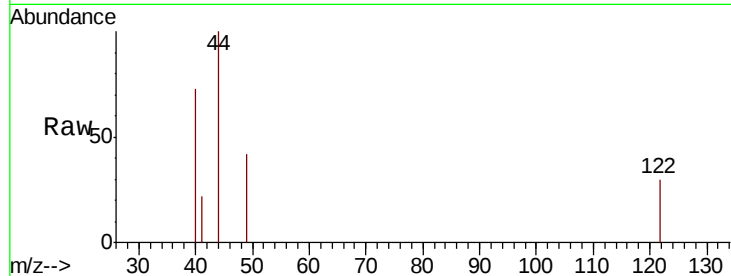




#32
Benzoic acid
Concen: 4.502 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.08 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

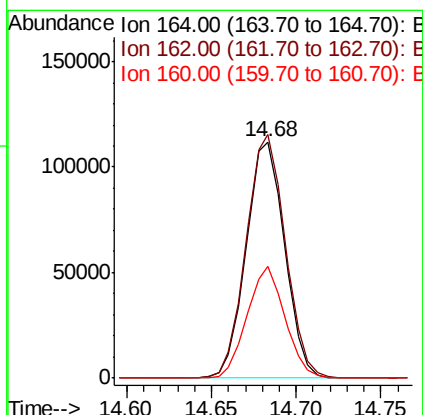
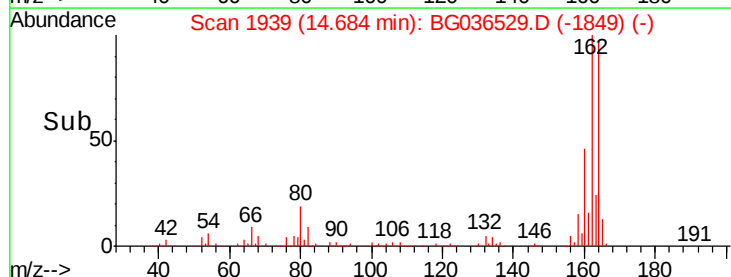
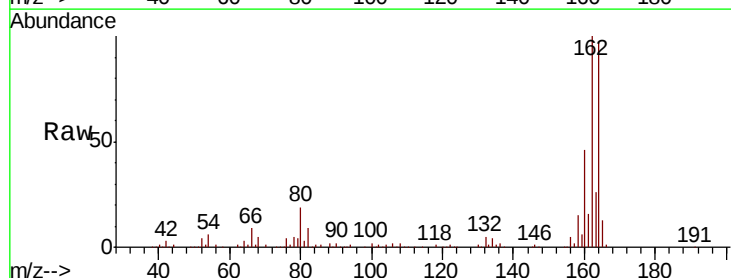
Instrument :
BNA_G
ClientSampled :

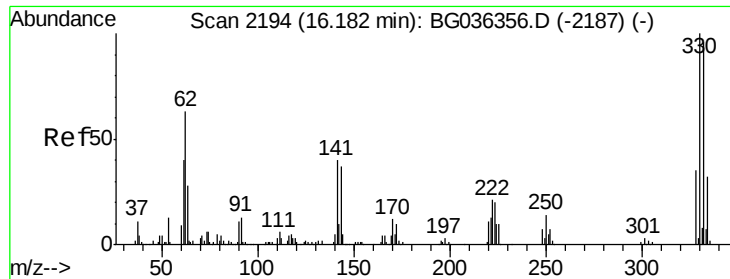
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.1	148.1#
77	0.0	76.3	116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	47.4	35.3	52.9

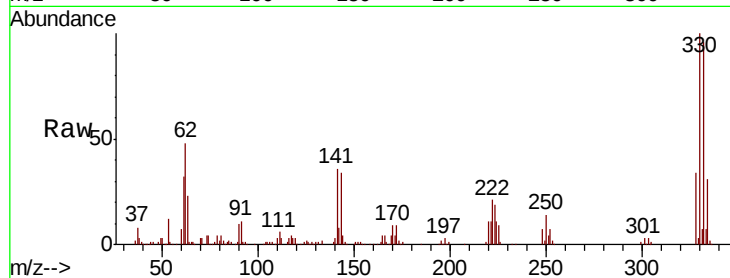




#41
 2,4,6-Tribromophenol
 Concen: 113.129 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036529.D
 Acq: 4 Sep 2018 13:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	37.3	30.7	46.1

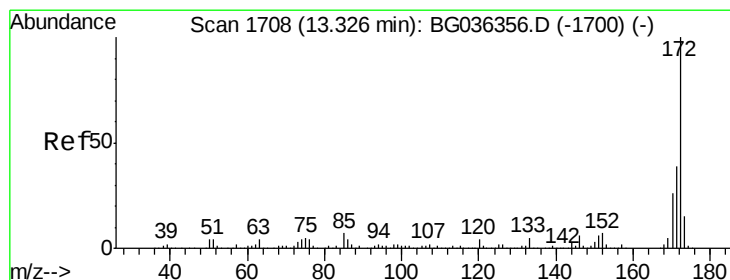
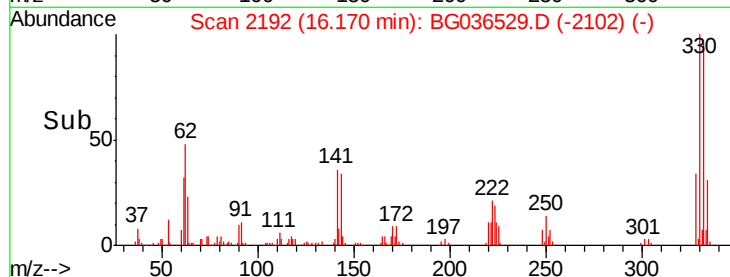
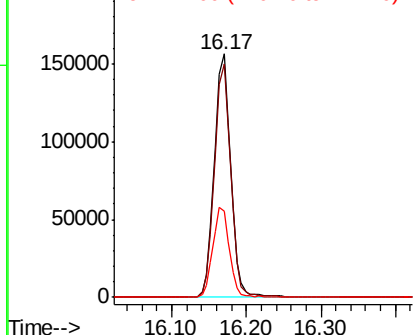


Abundance

Ion 329.80 (329.50 to 330.50): E

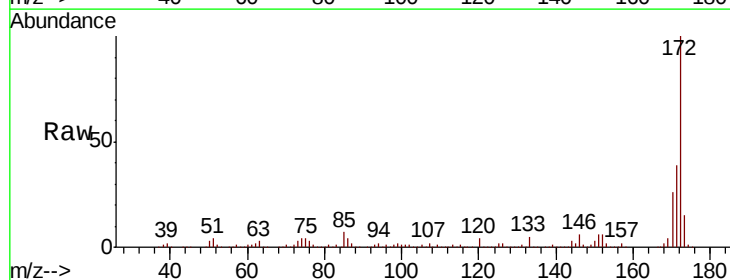
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.225 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036529.D
 Acq: 4 Sep 2018 13:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.6	21.0	31.6

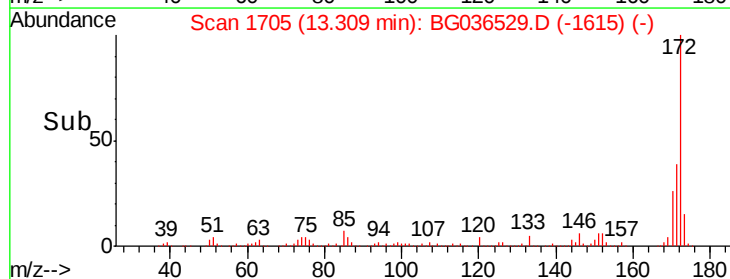
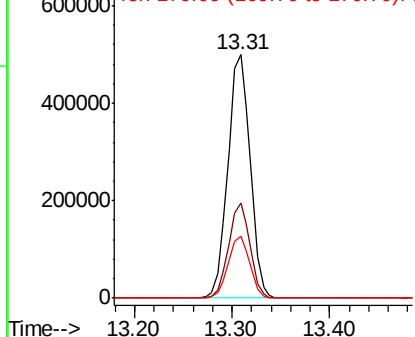


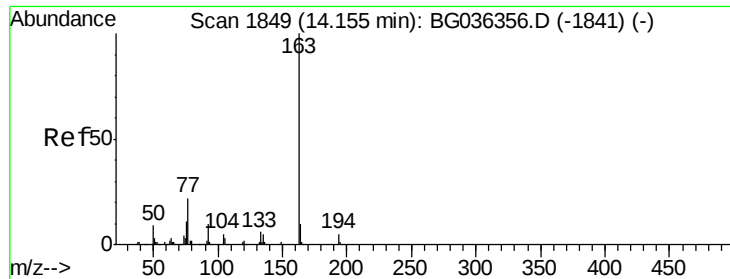
Abundance

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: 7.500 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

Instrument :

BNA_G

ClientSampleId :

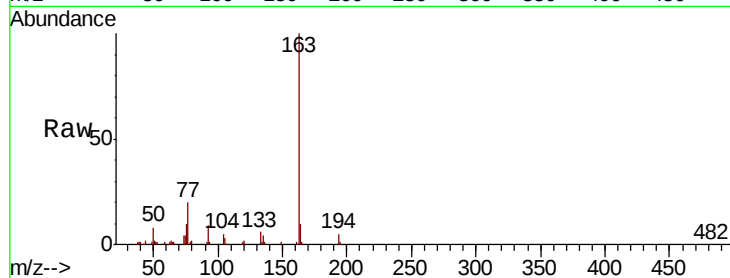
Tot Ion:163 Resp: 108727

Ion Ratio Lower Upper

163 100

194 5.4 4.0 6.0

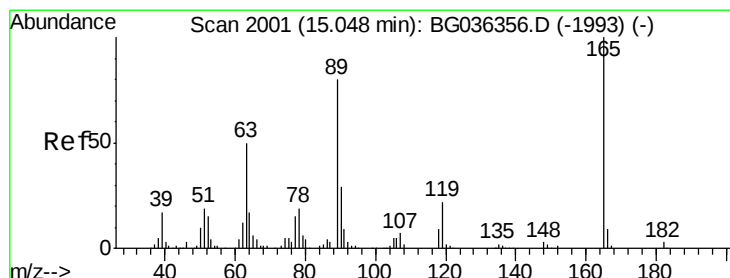
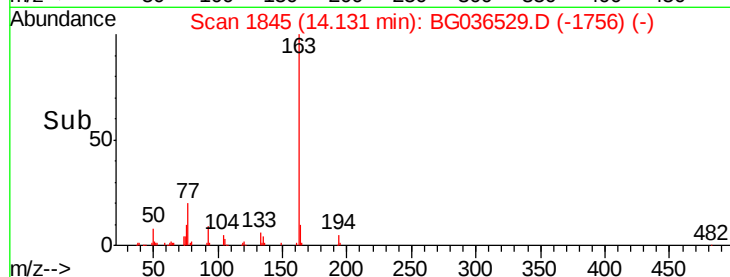
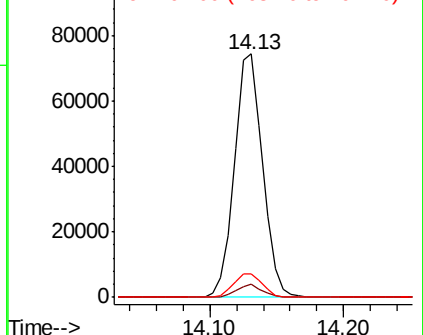
164 9.5 8.1 12.1



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: 5.945 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.35 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

Tgt Ion:165 Resp: 23114

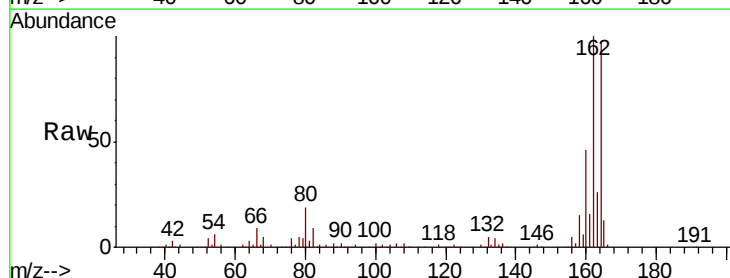
Ion Ratio Lower Upper

165 100

63 1.6 40.1 60.1#

89 1.1 63.7 95.5#

182 0.0 2.5 3.7#

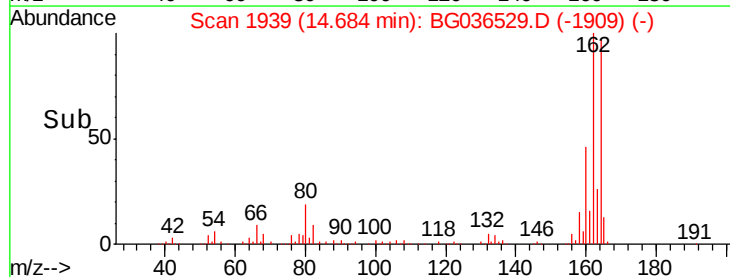
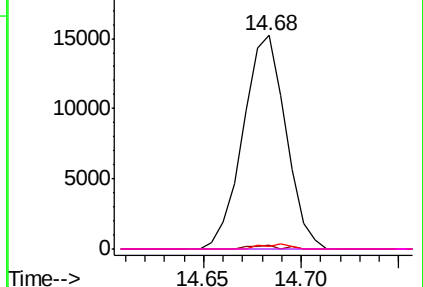


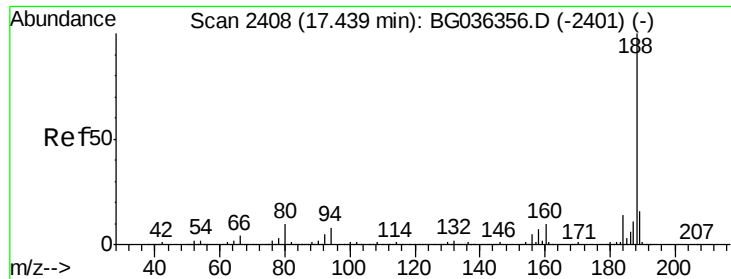
Abundance Ion 165.00 (164.70 to 165.70): E

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

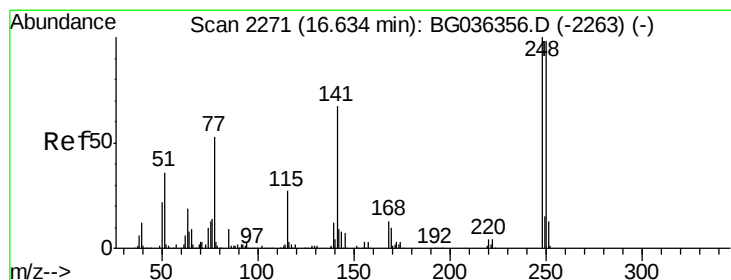
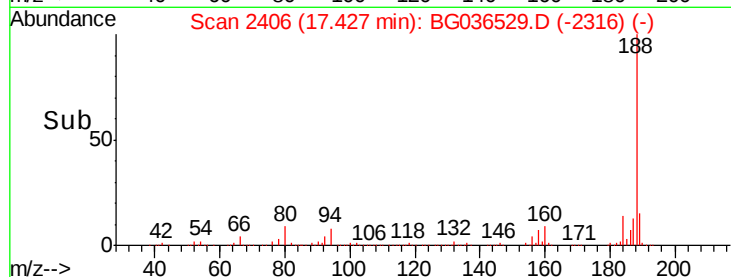
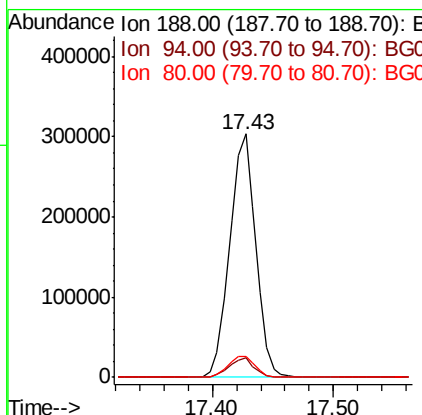
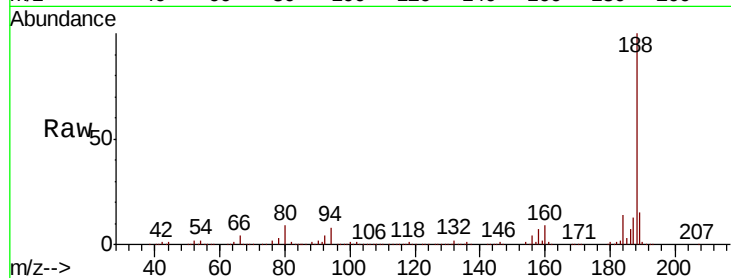




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036529.D
 Acq: 4 Sep 2018 13:16

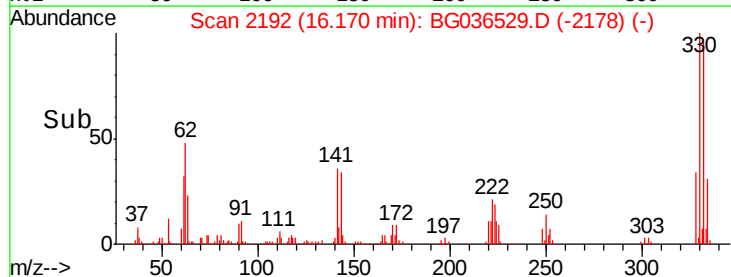
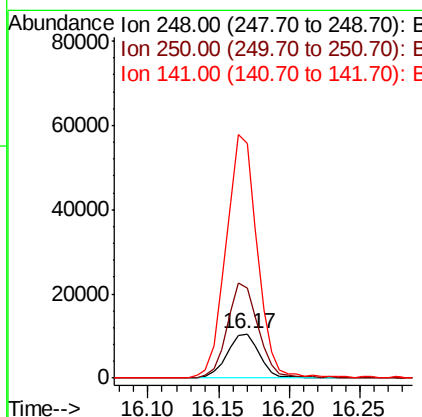
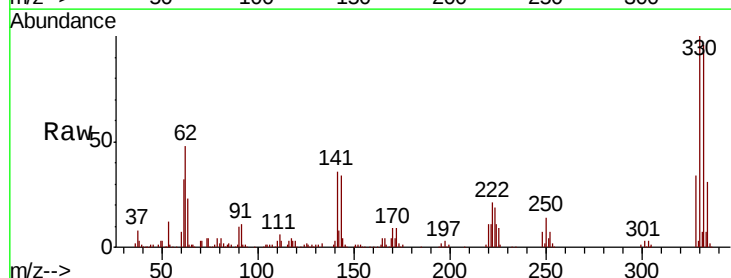
Instrument :
 BNA_G
 ClientSampleId :

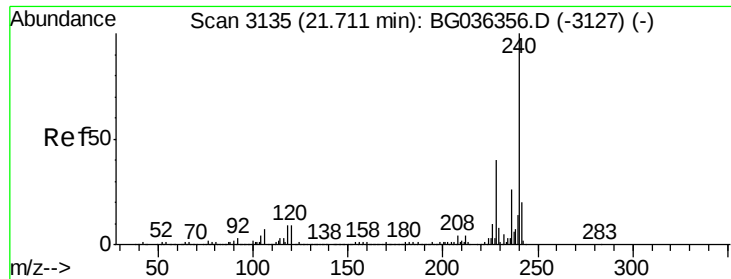
Tot Ion:188 Resp: 453890
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.6 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.192 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036529.D
 Acq: 4 Sep 2018 13:16

Tgt Ion:248 Resp: 16961
 Ion Ratio Lower Upper
 248 100
 250 204.1 78.1 117.1#
 141 532.8 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

Instrument :

BNA_G

ClientSampleId :

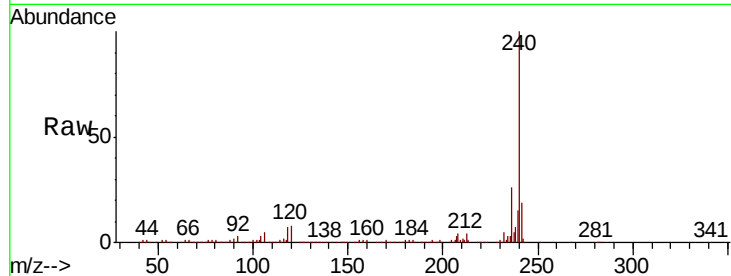
Tot Ion:240 Resp: 474777

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

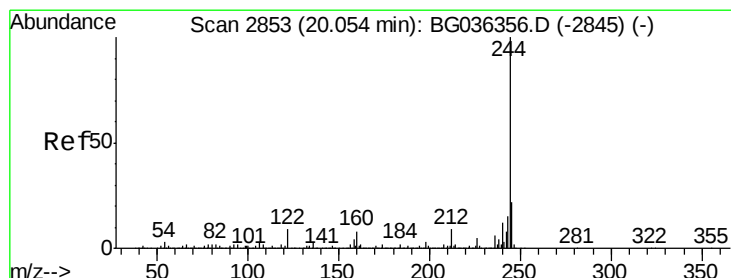
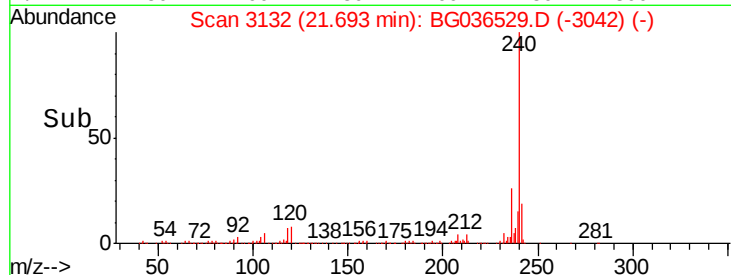
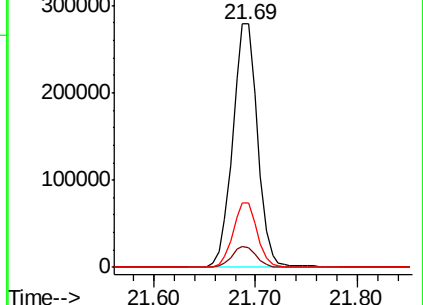
236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 60.950 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036529.D

Acq: 4 Sep 2018 13:16

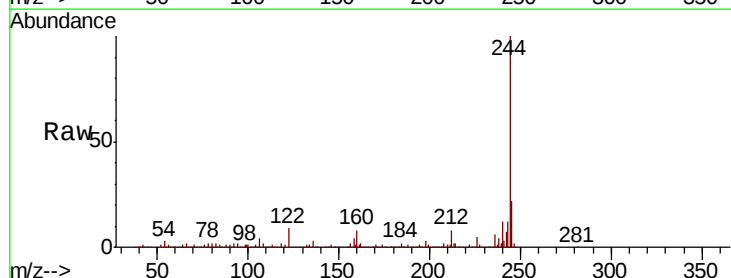
Tgt Ion:244 Resp: 1238063

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

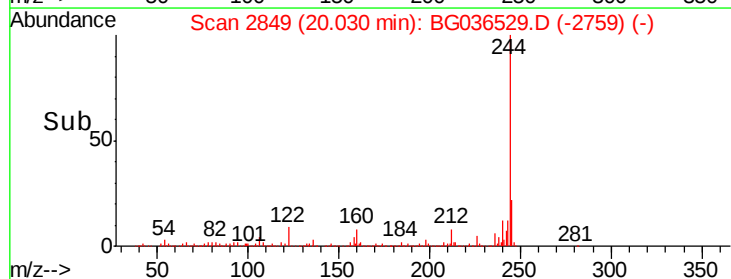
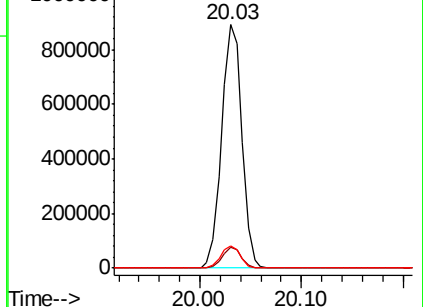
122 8.9 7.1 10.7

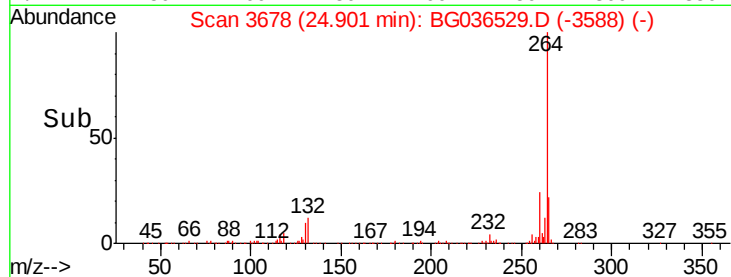
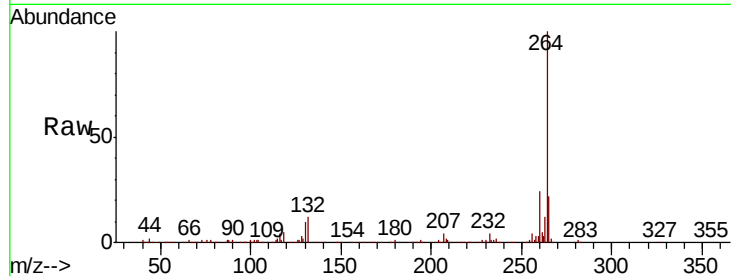
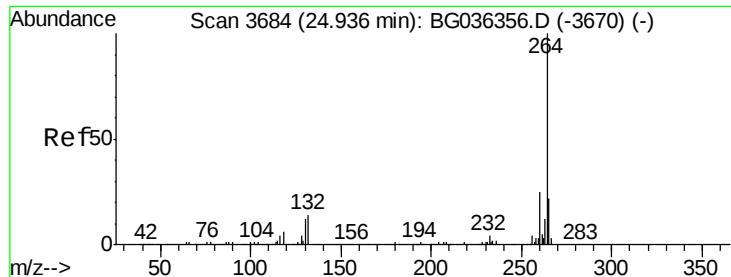


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036529.D
Acq: 4 Sep 2018 13:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.6	17.4	26.0

