

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036431.D
 Acq On : 27 Aug 2018 14:46
 Operator : JU/SJ
 Sample : J4617-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 15:38:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

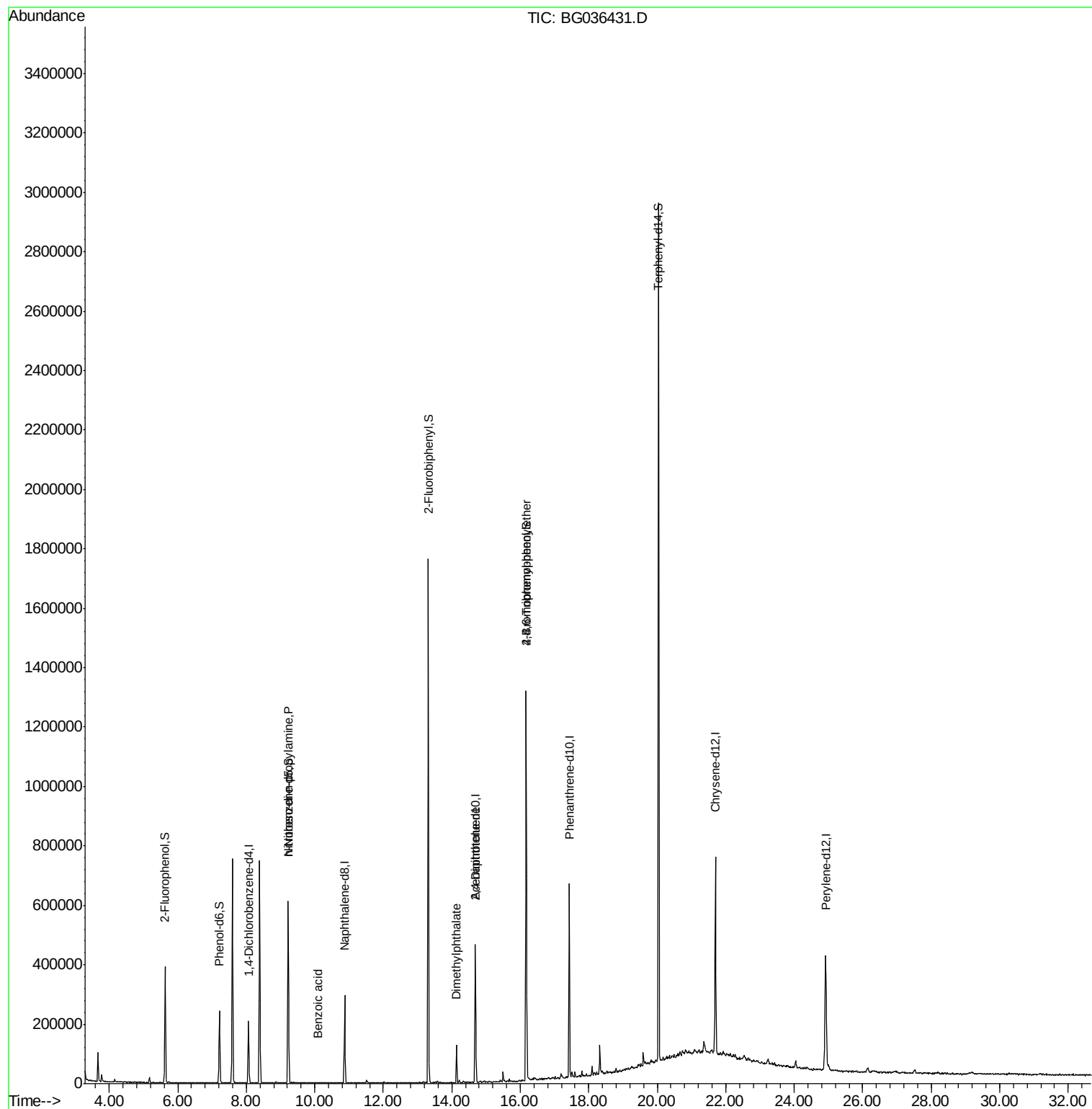
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60074	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	251296	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	161315	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	400810	20.00	ng	0.00
75) Chrysene-d12	21.70	240	416752	20.00	ng	-0.02
86) Perylene-d12	24.92	264	432892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	164332	43.39	ng	0.00
7) Phenol-d6	7.21	99	141600	26.12	ng	0.00
23) Nitrobenzene-d5	9.23	82	363750	78.54	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	241838	125.64	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	883660	78.21	ng	0.00
78) Terphenyl-d14	20.04	244	1371519	76.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	47842	11.806	ng	# 75
32) Benzoic acid	10.08	122	55	4.497	ng	# 1
49) Dimethylphthalate	14.14	163	88990	6.756	ng	99
56) 2,4-Dinitrotoluene	14.69	165	21134	5.983	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	17077	3.639	ng	# 1

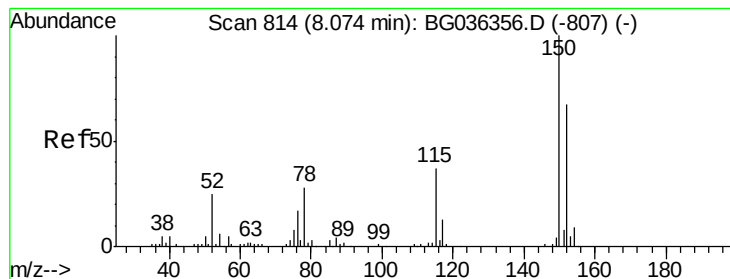
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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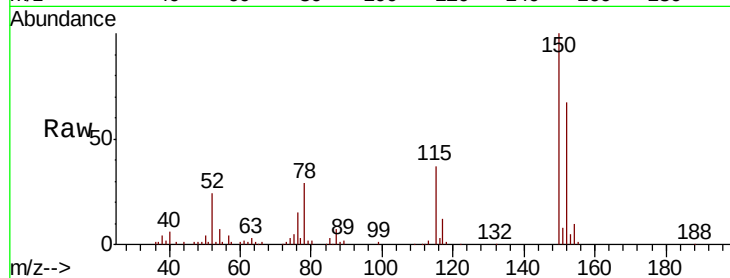


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036431.D
Acq: 27 Aug 2018 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	55.0	44.5	66.7

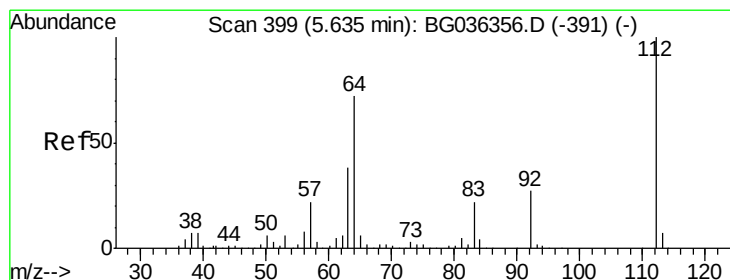
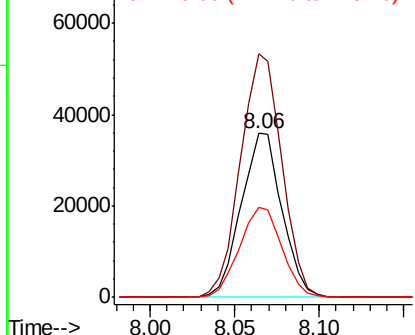
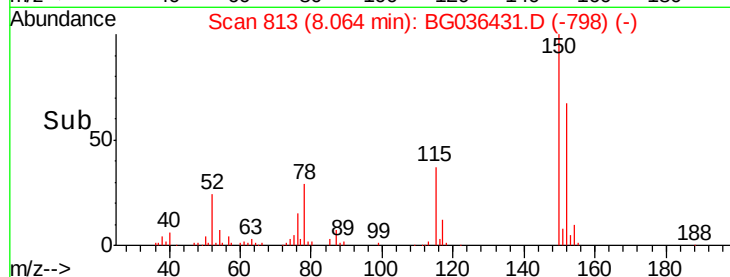


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

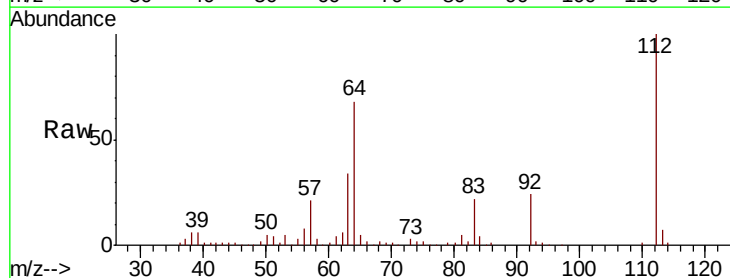
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.393 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036431.D
Acq: 27 Aug 2018 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	34.2	30.8	46.2

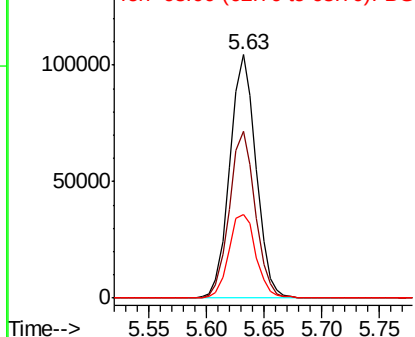
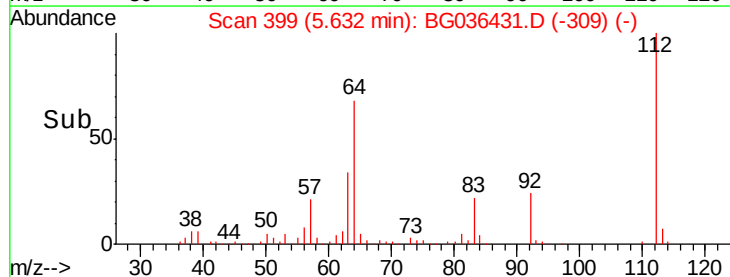


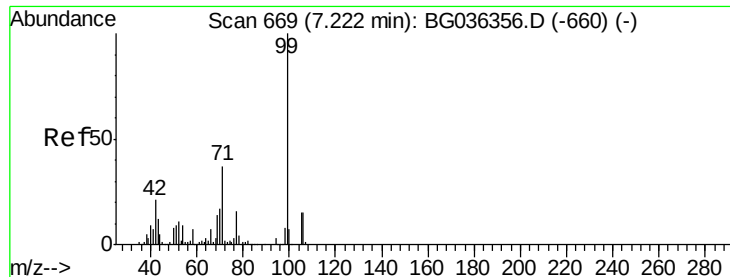
Abundance

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: 26.115 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Instrument :

BNA_G

ClientSampleId :

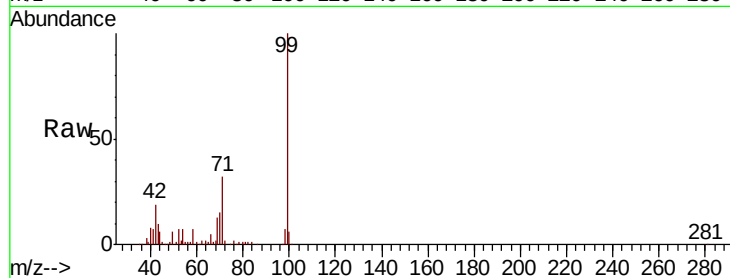
Tot Ion: 99 Resp: 141600

Ion Ratio Lower Upper

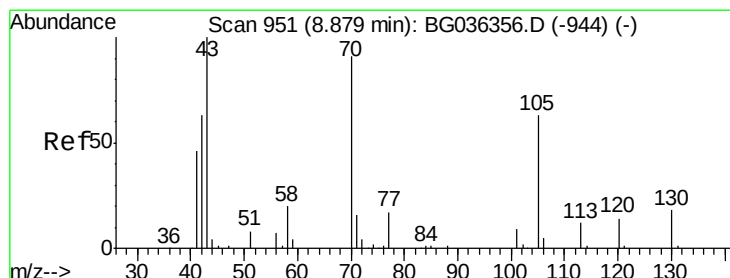
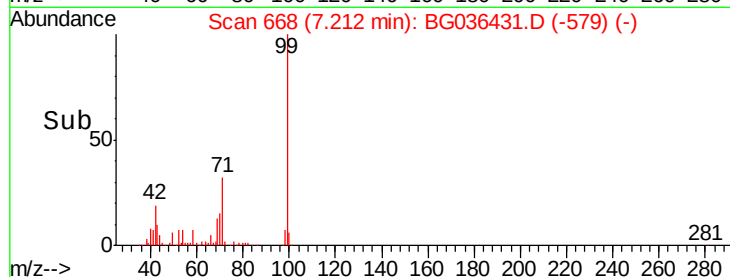
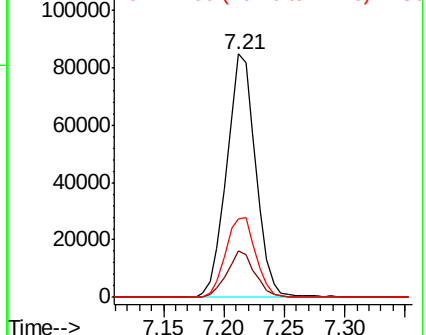
99 100

42 19.0 16.5 24.7

71 32.1 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: 11.806 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Tgt Ion: 70 Resp: 47842

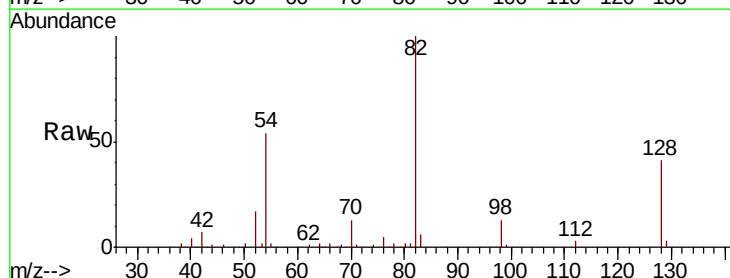
Ion Ratio Lower Upper

70 100

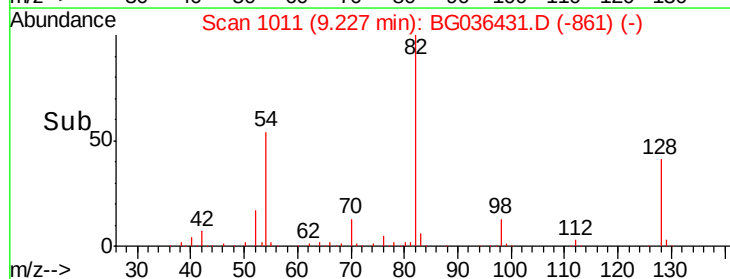
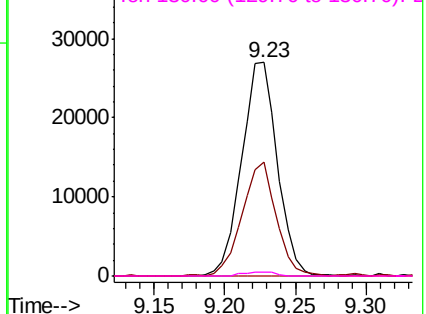
42 53.6 56.2 84.4#

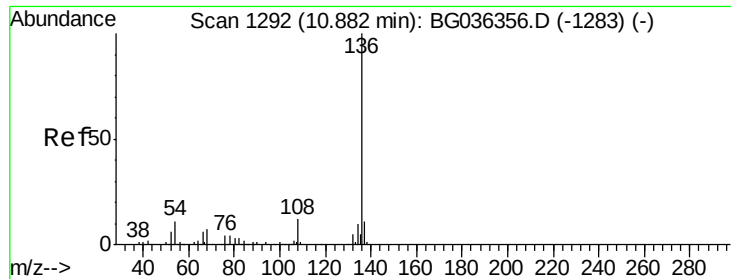
101 0.0 7.8 11.6#

130 1.8 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

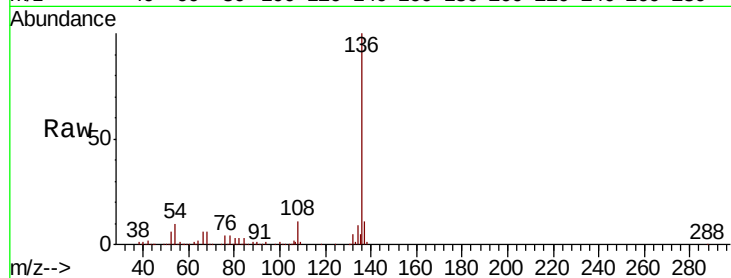




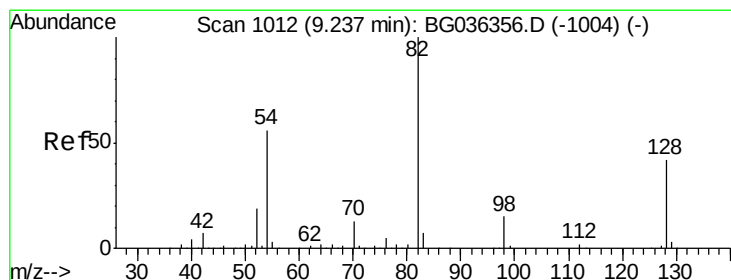
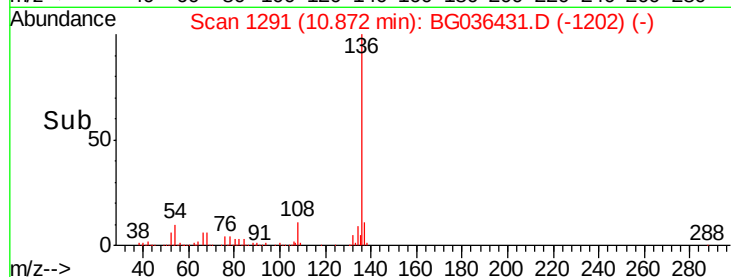
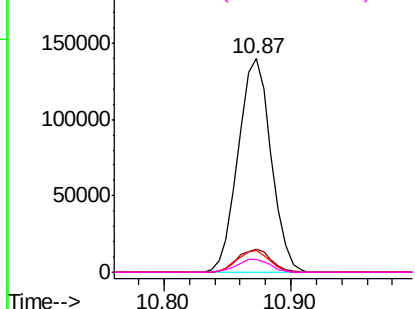
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG036431.D
Acq: 27 Aug 2018 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	251296
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.4	9.2	13.8
68	6.2	5.8	8.6

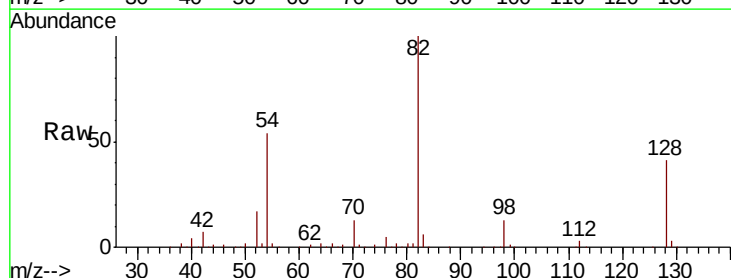


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

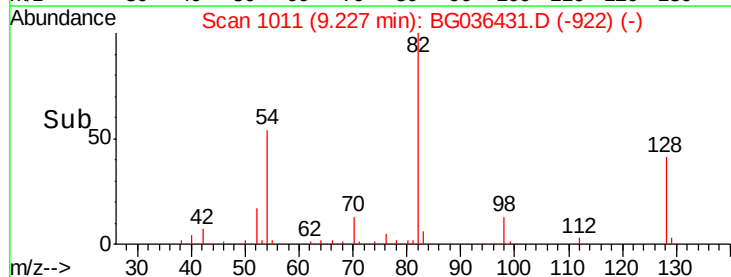
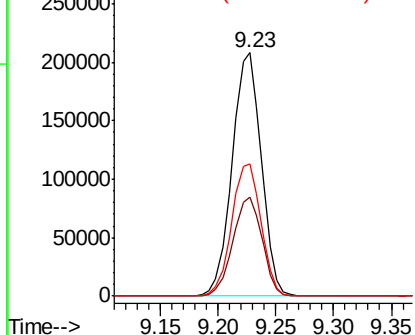


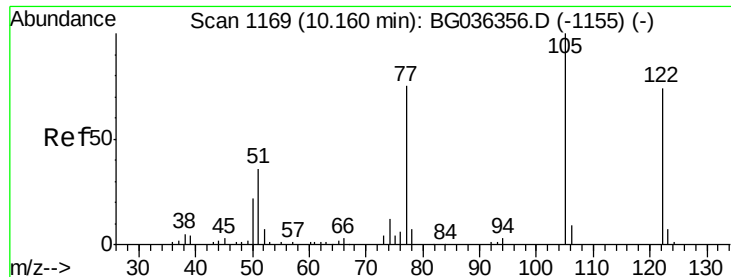
#23
Nitrobenzene-d5
Concen: 78.536 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036431.D
Acq: 27 Aug 2018 14:46

Tgt Ion:	82	Resp:	363750
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	54.1	45.1	67.7



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





#32

Benzoic acid

Concen: 4.497 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.08 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Instrument :

BNA_G

ClientSampleId :

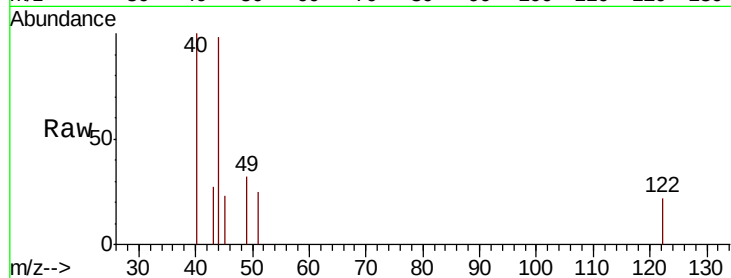
Tot Ion:122 Resp: 55

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

10.08

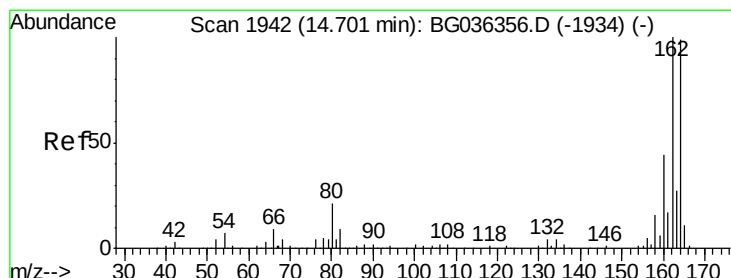
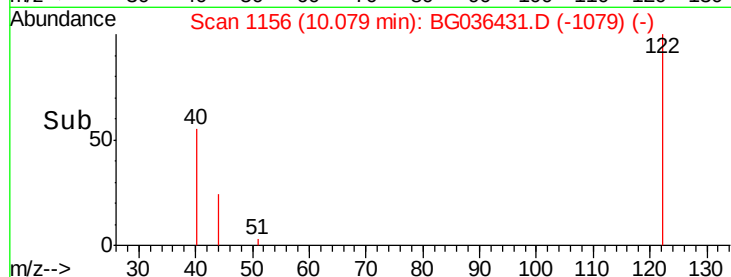
150

100

50

0

Time--> 10.06 10.08



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

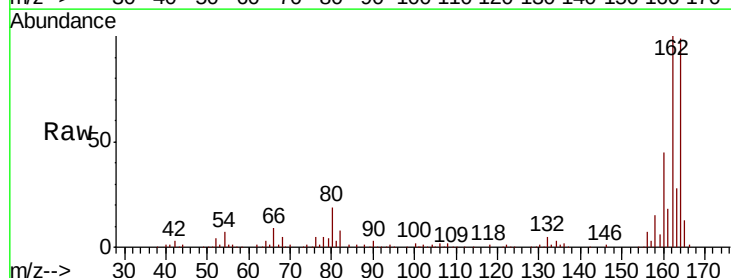
Tgt Ion:164 Resp: 161315

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

160 45.1 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

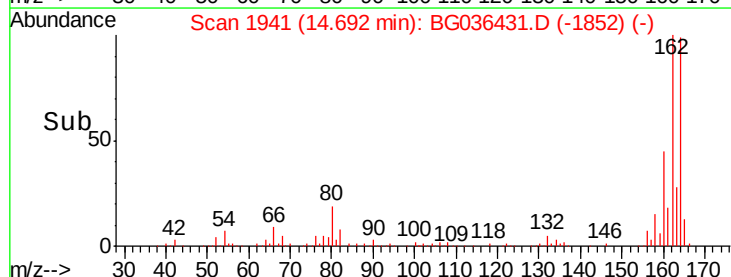
14.69

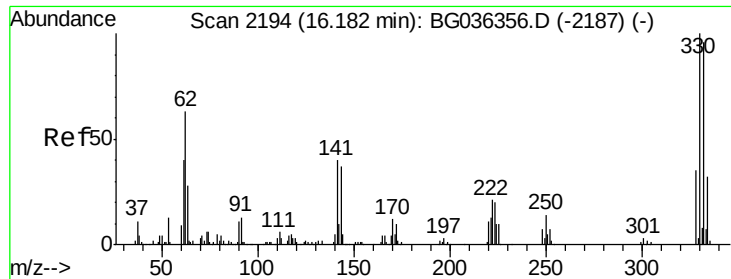
100000

50000

0

Time--> 14.60 14.65 14.70 14.75

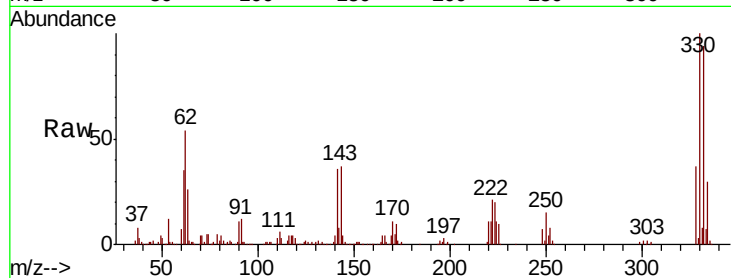




#41
 2,4,6-Tribromophenol
 Concen: 125.640 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036431.D
 Acq: 27 Aug 2018 14:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	36.1	30.7	46.1

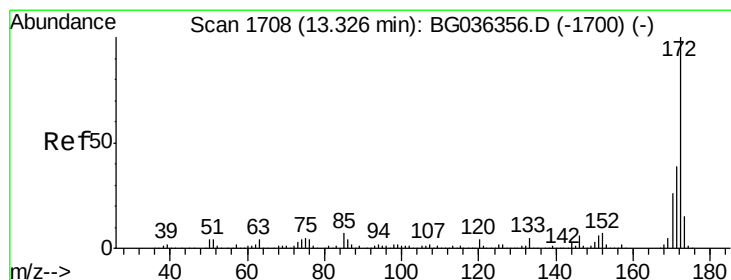
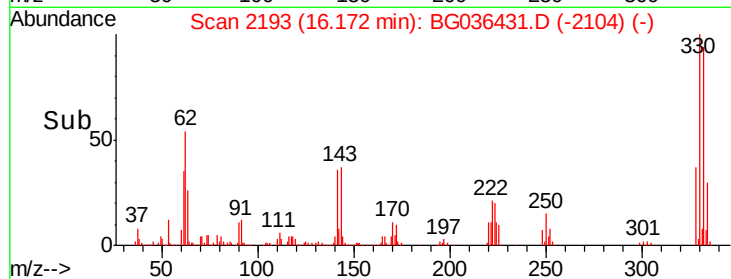
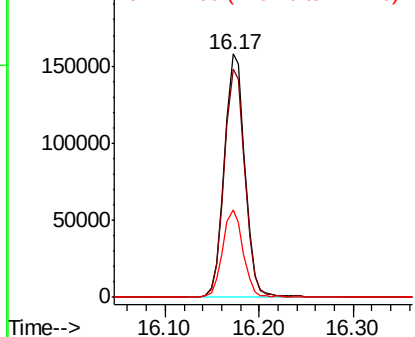


Abundance

Ion 329.80 (329.50 to 330.50): E

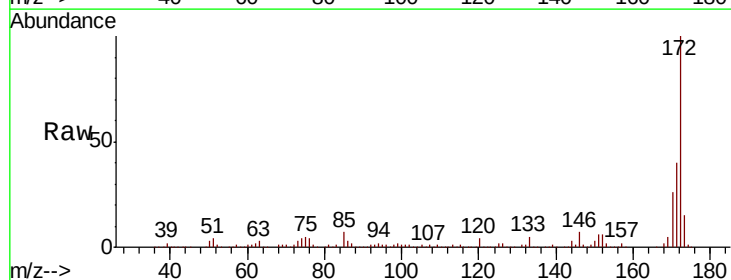
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.214 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036431.D
 Acq: 27 Aug 2018 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	25.6	21.0	31.6

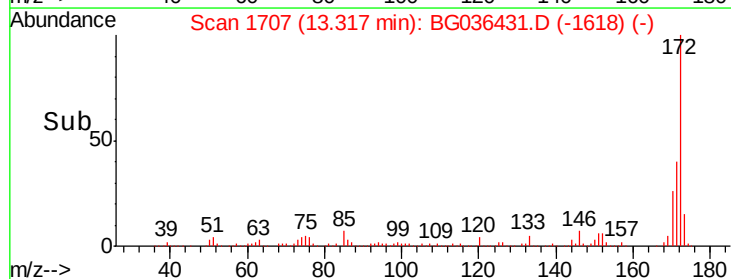
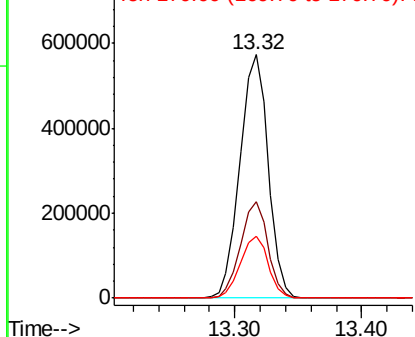


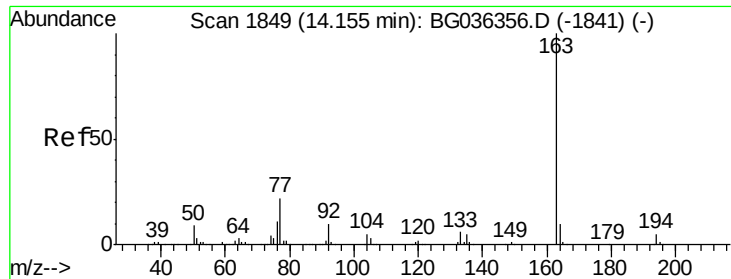
Abundance

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: 6.756 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Instrument :

BNA_G

ClientSampleId :

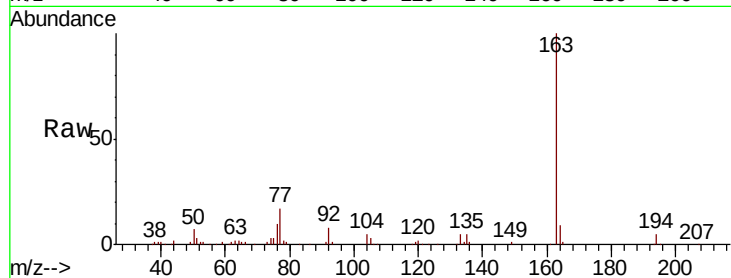
Tot Ion:163 Resp: 88990

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

164 9.5 8.1 12.1

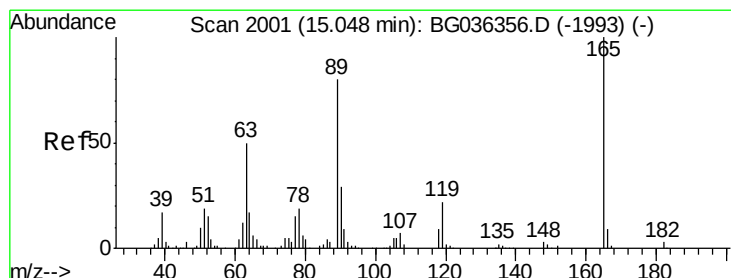
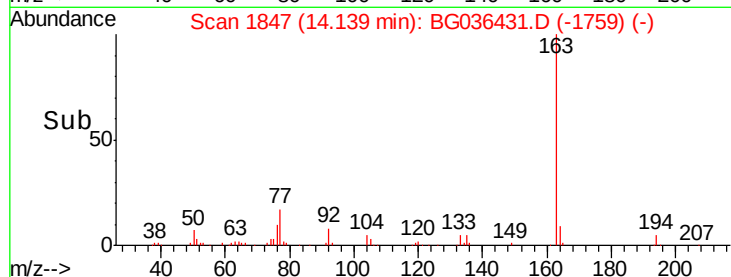
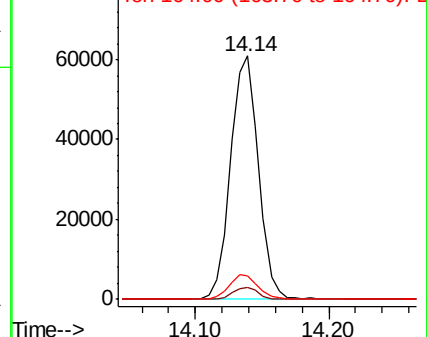


Abundance

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: 5.983 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.36 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Tgt Ion:165 Resp: 21134

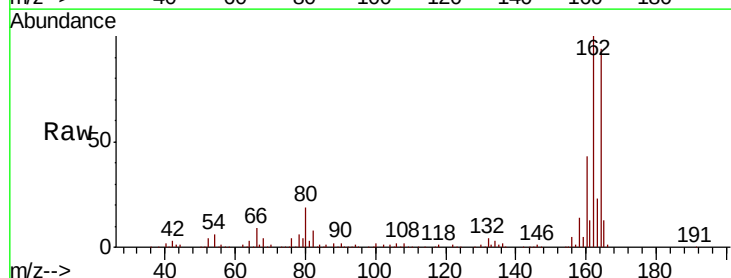
Ion Ratio Lower Upper

165 100

63 1.2 40.1 60.1#

89 1.7 63.7 95.5#

182 0.0 2.5 3.7#



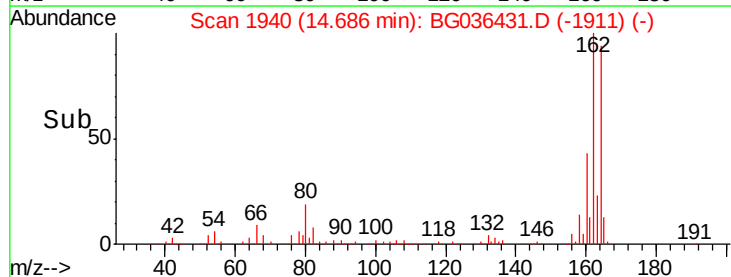
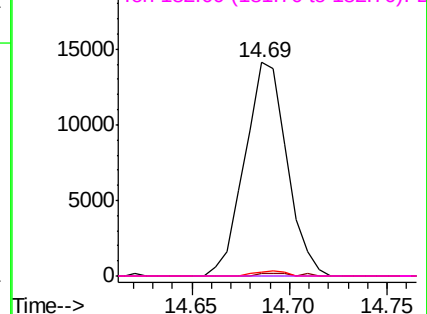
Abundance

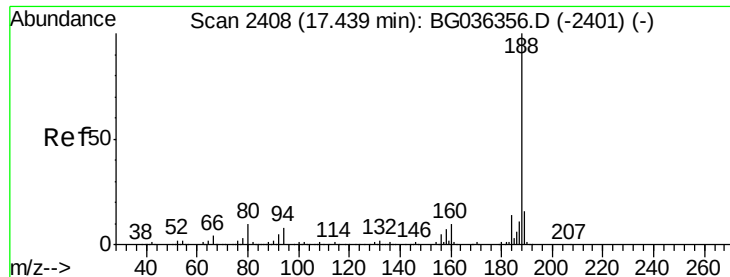
Ion 165.00 (164.70 to 165.70): E

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

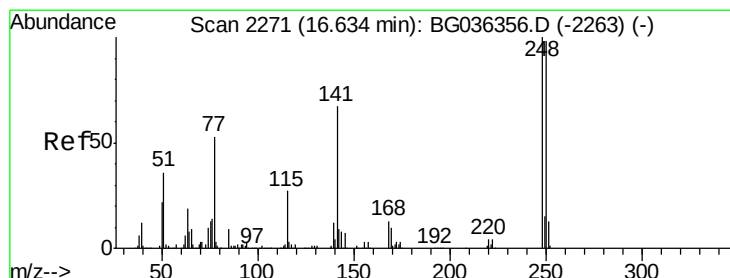
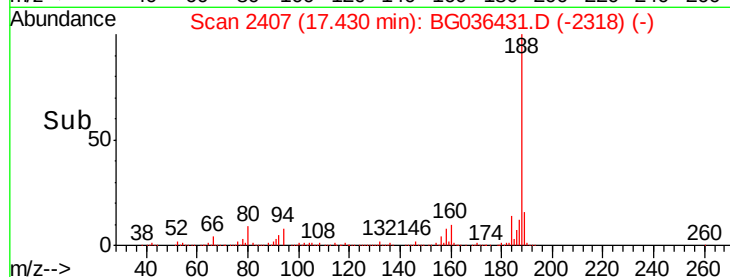
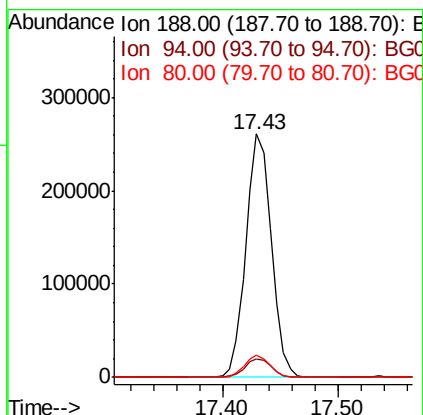
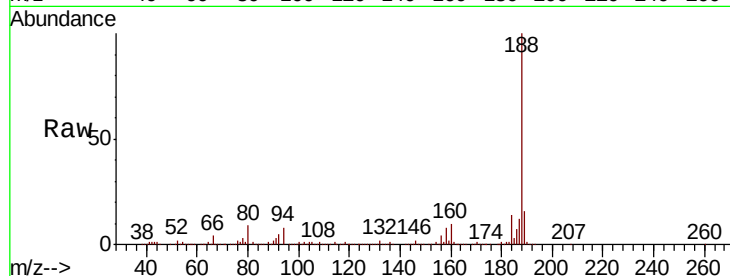




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036431.D
 Acq: 27 Aug 2018 14:46

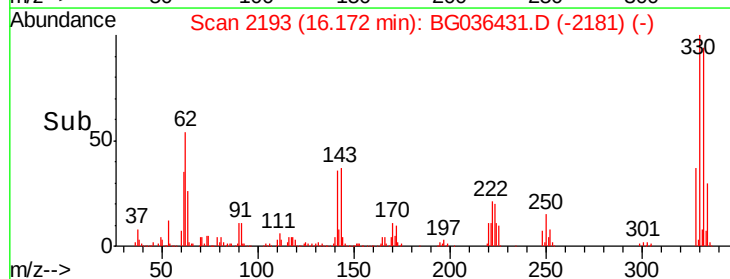
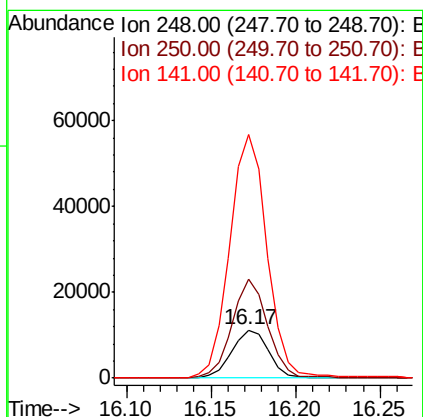
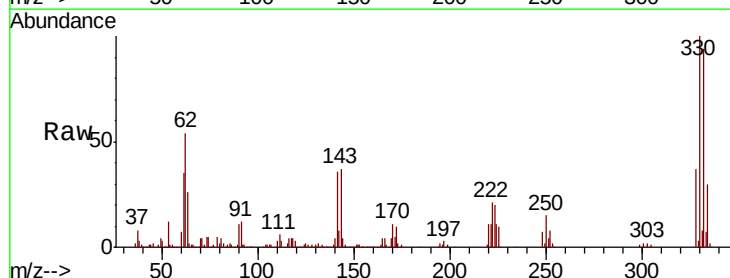
Instrument :
 BNA_G
 ClientSampleId :

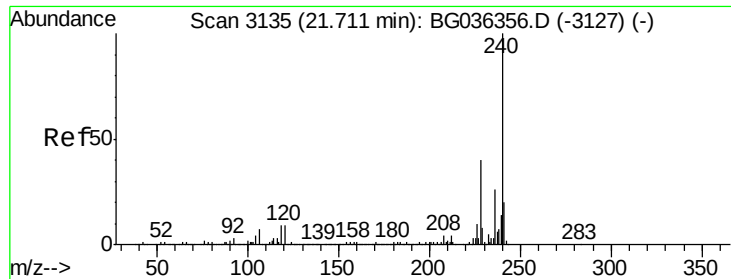
Tot Ion:188 Resp: 400810
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.7 10.1
 80 8.9 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.639 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036431.D
 Acq: 27 Aug 2018 14:46

Tgt Ion:248 Resp: 17077
 Ion Ratio Lower Upper
 248 100
 250 203.7 78.1 117.1#
 141 503.4 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

Instrument :

BNA_G

ClientSampleId :

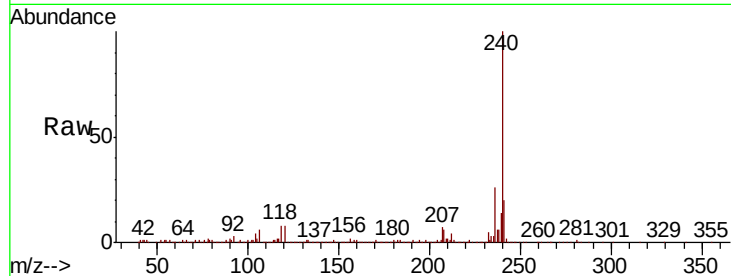
Tot Ion:240 Resp: 416752

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

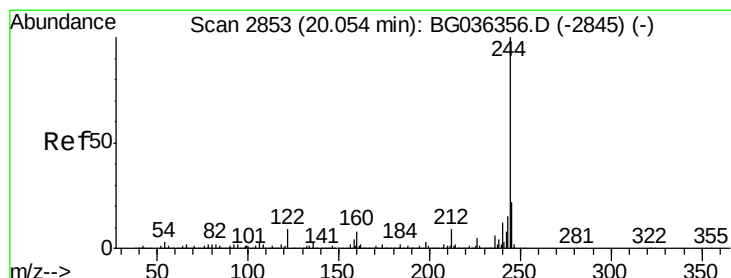
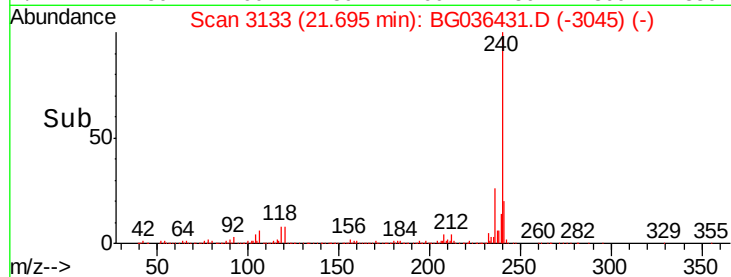
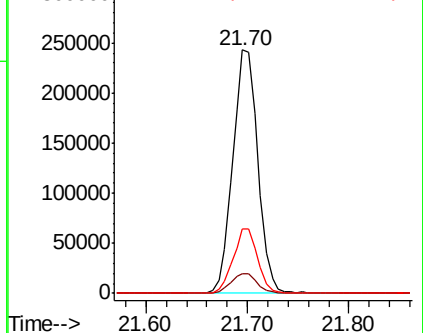
236 26.3 21.2 31.8



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: 76.921 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036431.D

Acq: 27 Aug 2018 14:46

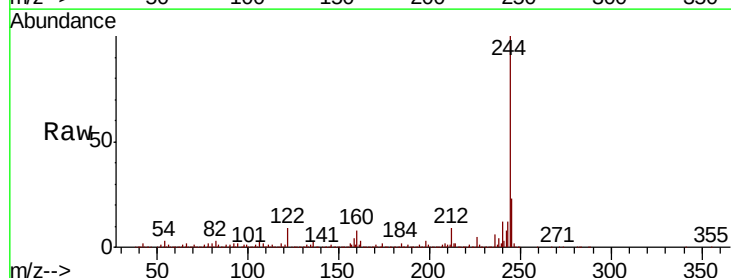
Tgt Ion:244 Resp: 1371519

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

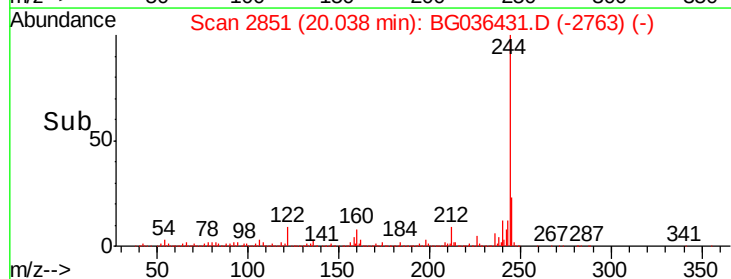
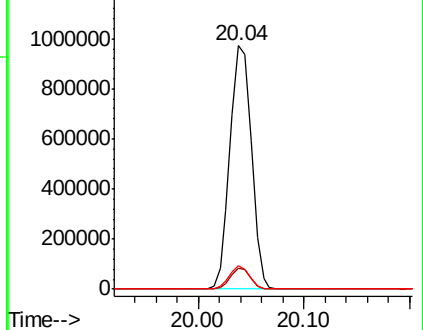
122 9.4 7.1 10.7

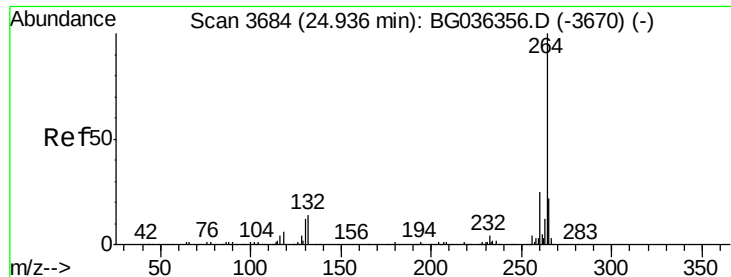


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

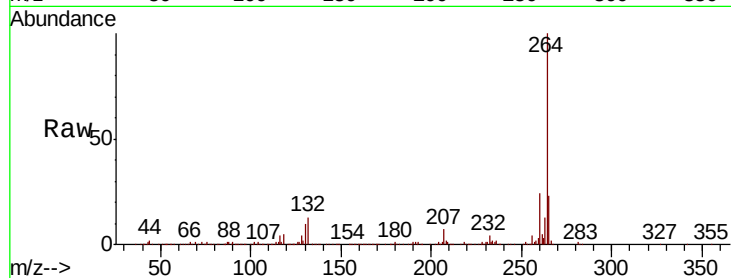




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.02 min
Lab File: BG036431.D
Acq: 27 Aug 2018 14:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.7	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

