

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036432.D
 Acq On : 27 Aug 2018 15:24
 Operator : JU/SJ
 Sample : J4509-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 16:34:02 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

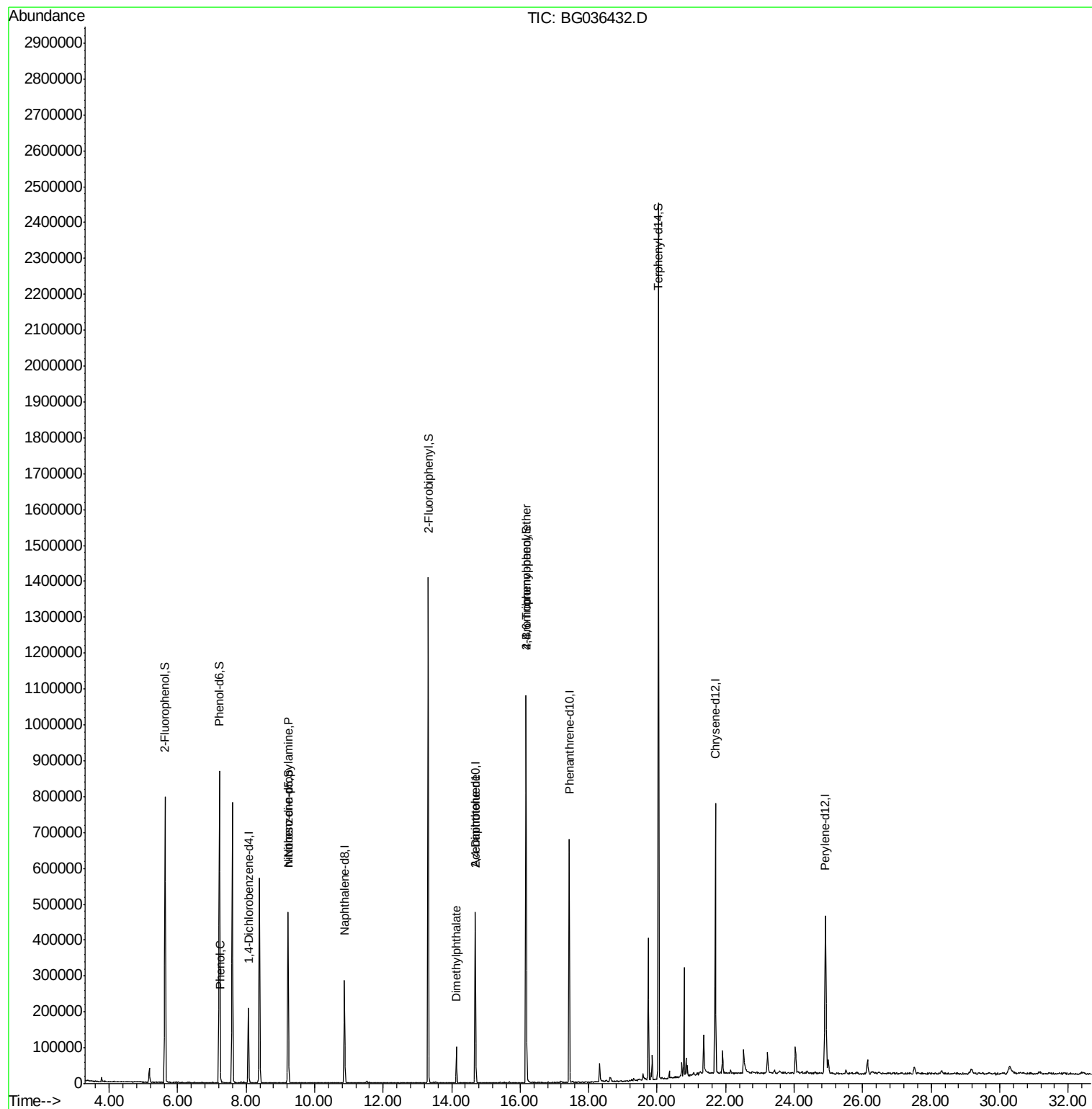
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58414	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	246013	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	161196	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	420614	20.00	ng	0.00
75) Chrysene-d12	21.70	240	455563	20.00	ng	-0.01
86) Perylene-d12	24.91	264	466886	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	346696	94.15	ng	0.00
7) Phenol-d6	7.22	99	499486	94.74	ng	0.00
23) Nitrobenzene-d5	9.23	82	286429	63.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	202667	105.37	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	695108	61.57	ng	-0.01
78) Terphenyl-d14	20.04	244	1166673	59.86	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	11332	2.054	ng	97
19) n-Nitroso-di-n-propylamine	9.23	70	37764	9.584	ng	# 72
49) Dimethylphthalate	14.14	163	65286	4.960	ng	98
56) 2,4-Dinitrotoluene	14.69	165	20170	5.714	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	14054	2.854	ng	# 1

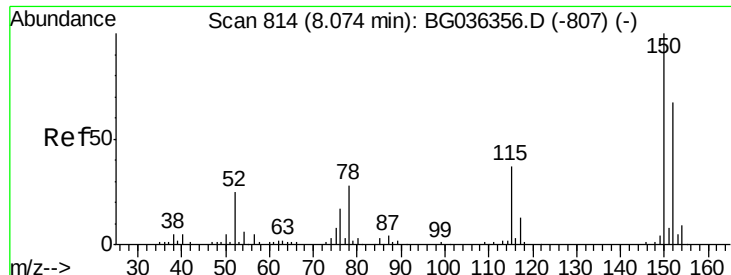
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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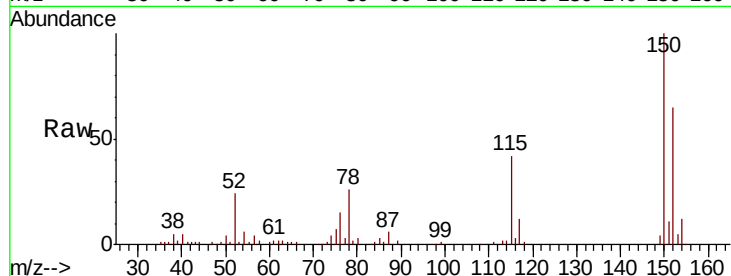


#1

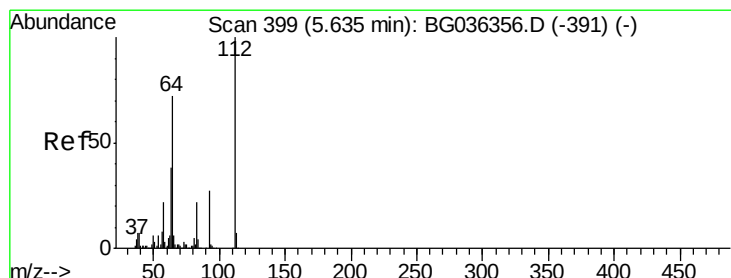
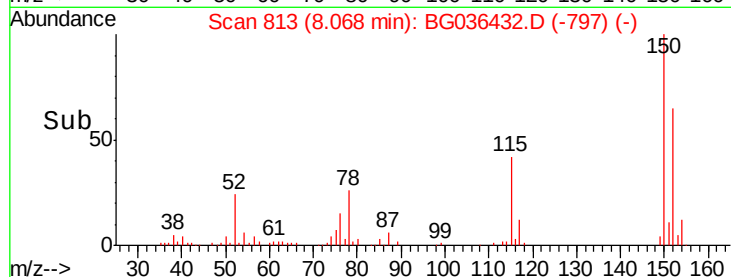
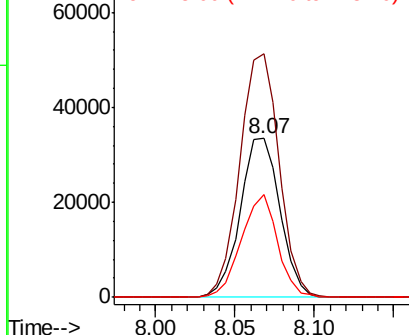
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58414
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 64.3 44.5 66.7



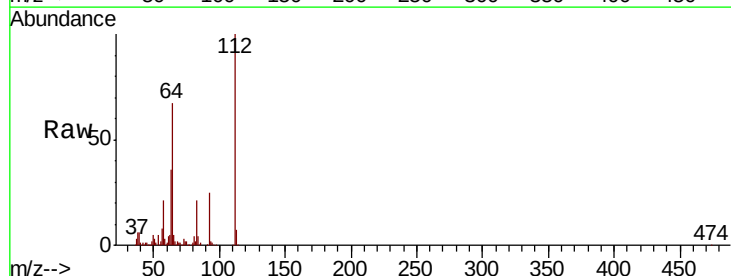
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



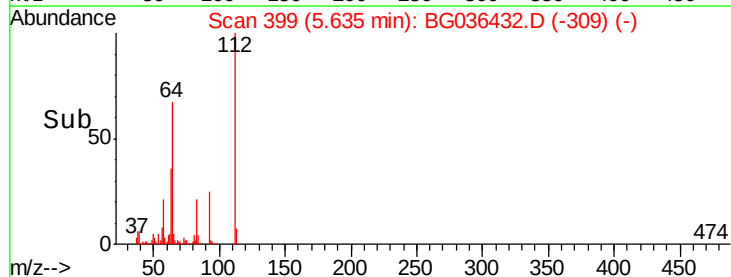
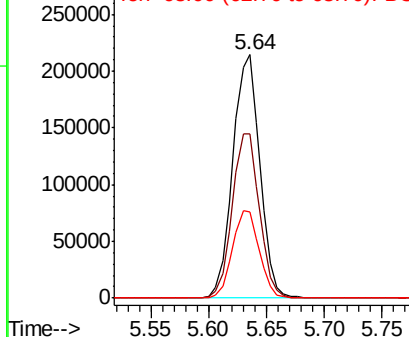
#5

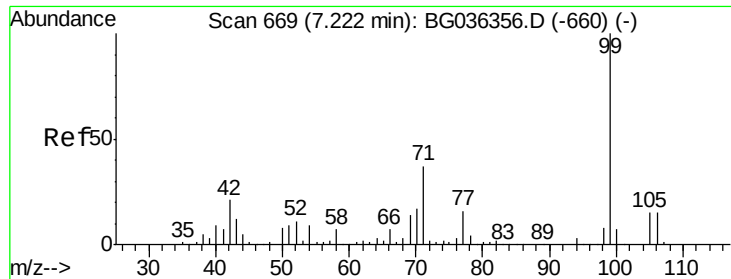
2-Fluorophenol
Concen: 94.149 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Tgt Ion:112 Resp: 346696
Ion Ratio Lower Upper
112 100
64 67.3 57.2 85.8
63 35.6 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: 94.738 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Instrument :

BNA_G

ClientSampleId :

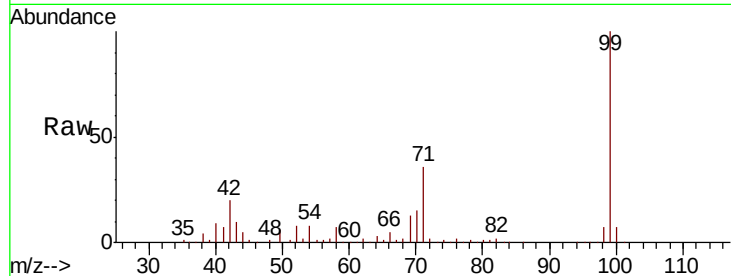
Tot Ion: 99 Resp: 499486

Ion Ratio Lower Upper

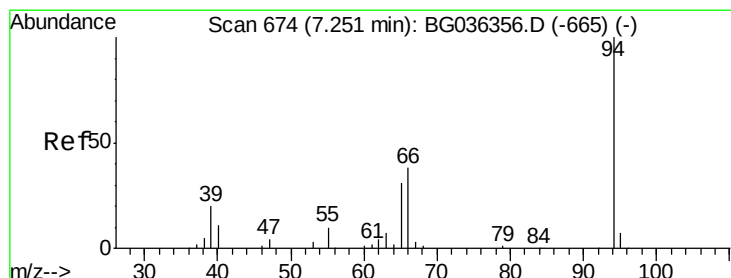
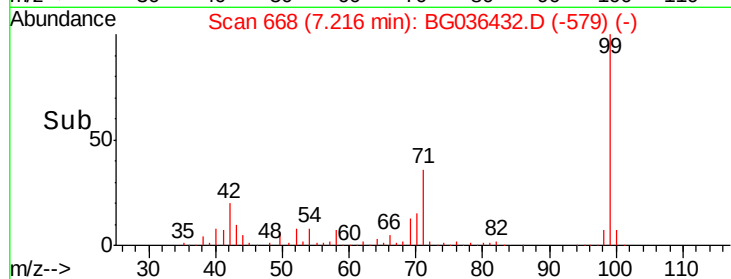
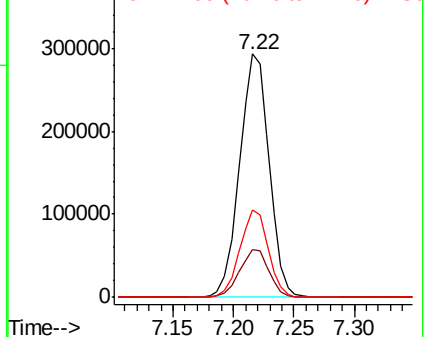
99 100

42 19.8 16.5 24.7

71 35.9 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



#10

Phenol

Concen: 2.054 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

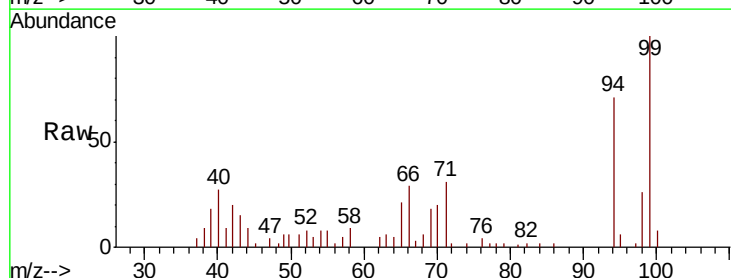
Tgt Ion: 94 Resp: 11332

Ion Ratio Lower Upper

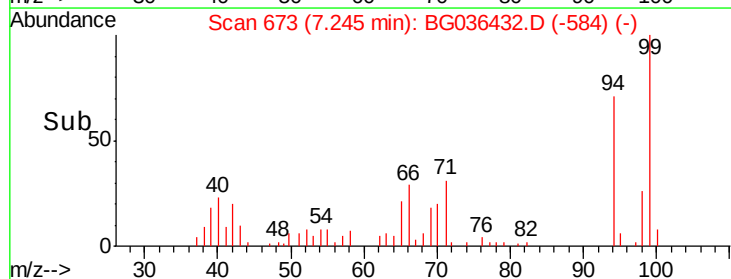
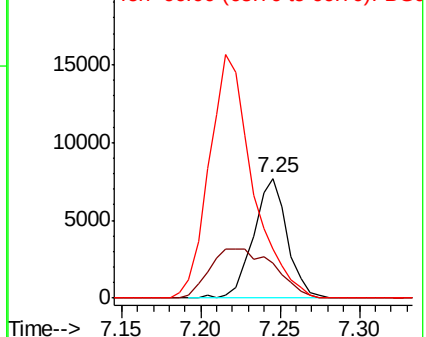
94 100

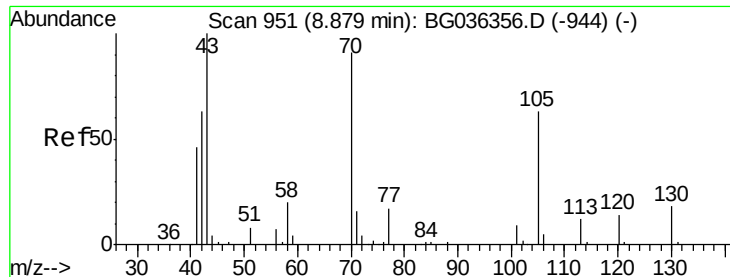
65 29.3 11.5 51.5

66 40.7 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 9.584 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 37764

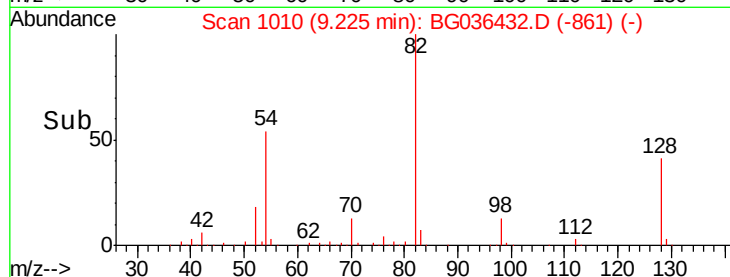
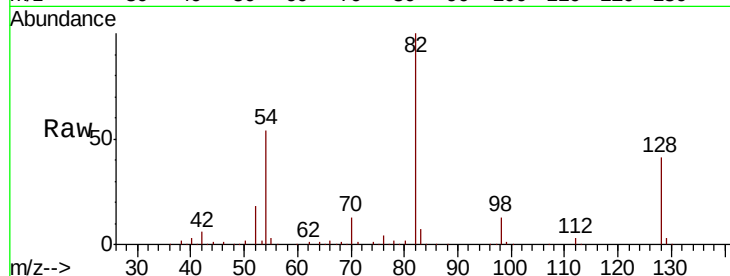
Ion Ratio Lower Upper

70 100

42 49.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.4 16.2 24.2#

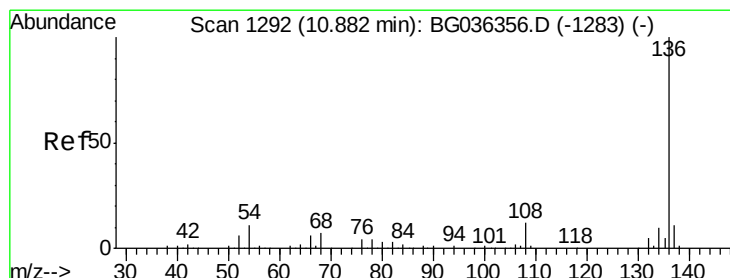
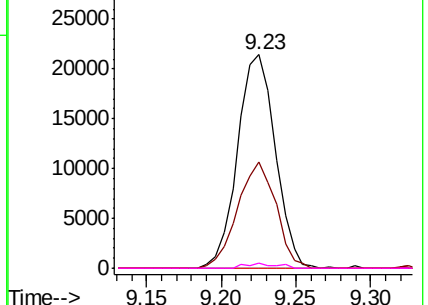


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Tgt Ion: 136 Resp: 246013

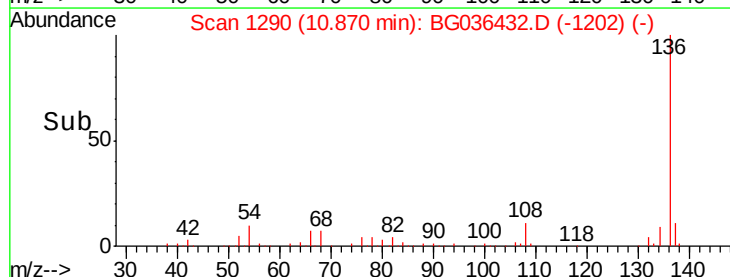
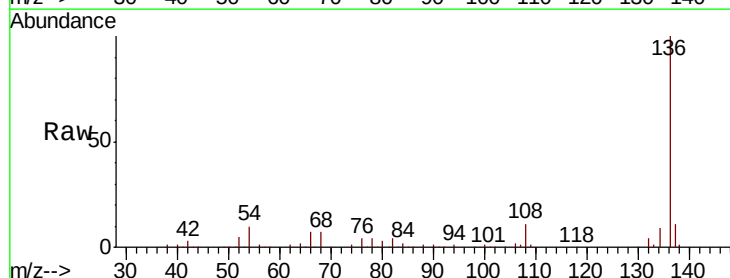
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.3 9.2 13.8

68 6.8 5.8 8.6

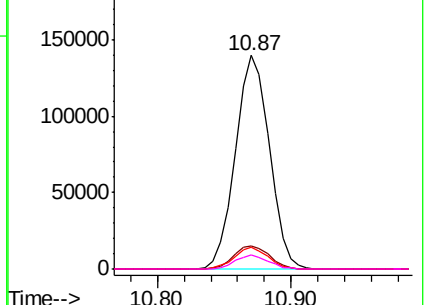


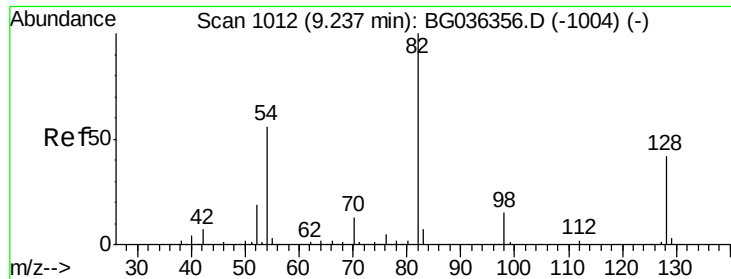
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

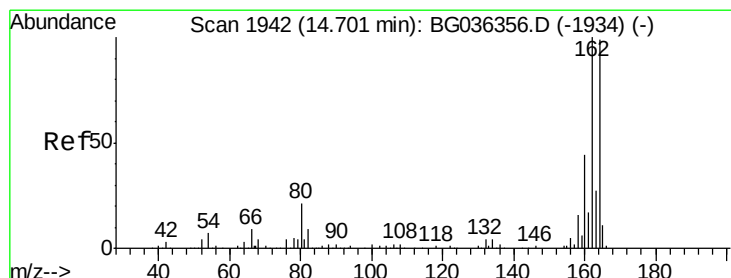
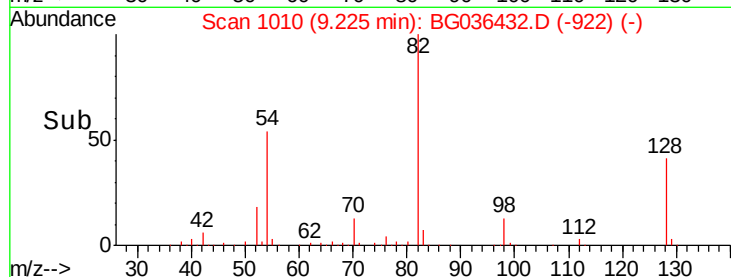
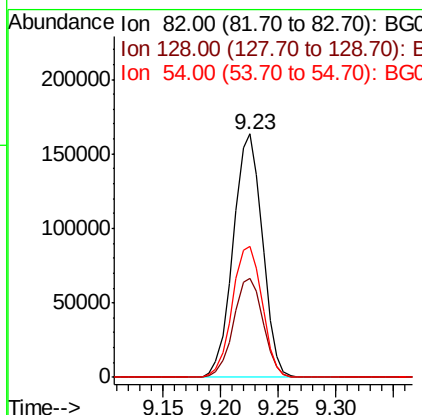
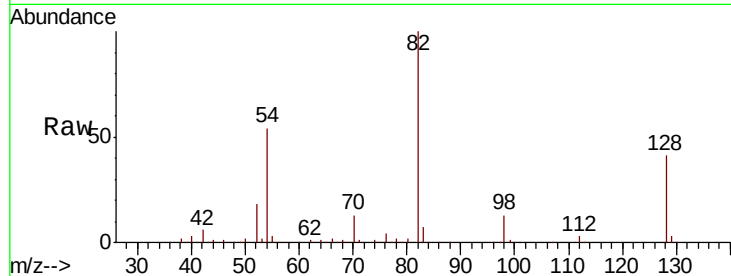




#23
 Nitrobenzene-d5
 Concen: 63.170 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

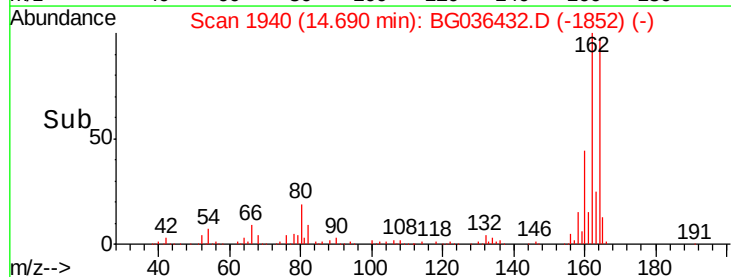
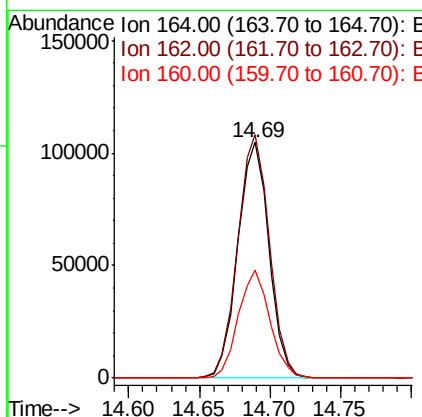
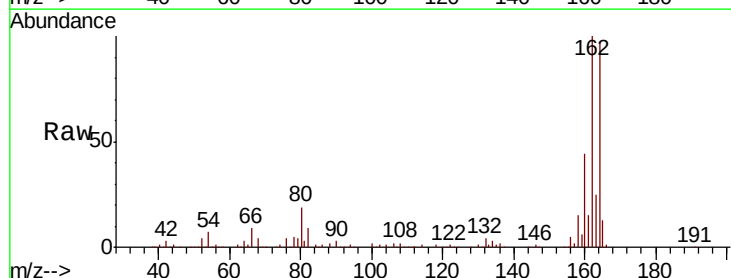
Instrument :
 BNA_G
 ClientSampled :

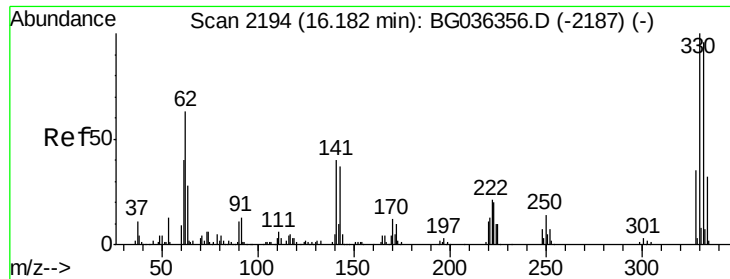
Tot Ion	82	Resp	286429
Ion Ratio	100	Lower	Upper
128	40.7	33.3	49.9
54	53.5	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion	164	Resp	161196
Ion Ratio	100	Lower	Upper
162	103.2	80.7	121.1
160	45.8	35.3	52.9





#41

2,4,6-Tribromophenol

Concen: 105.368 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Instrument :

BNA_G

ClientSampleId :

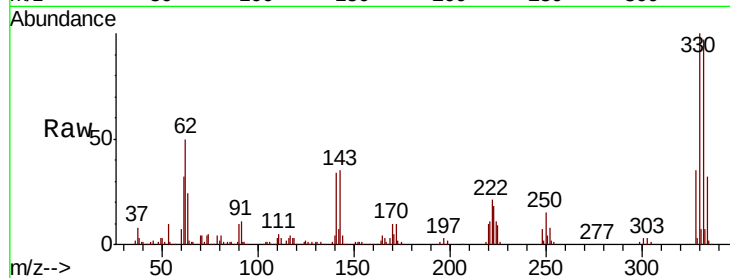
Tot Ion:330 Resp: 202667

Ion Ratio Lower Upper

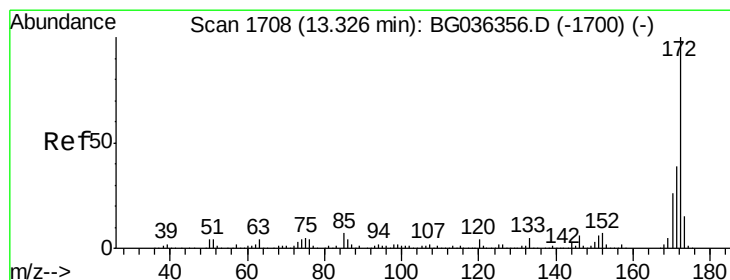
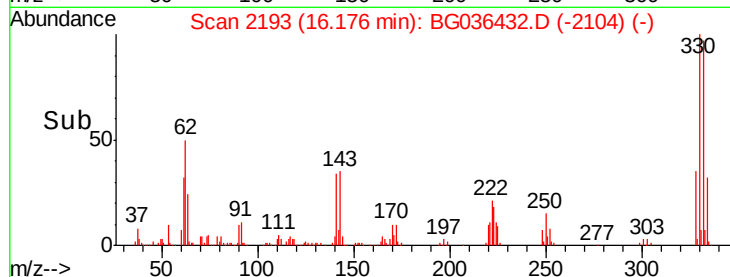
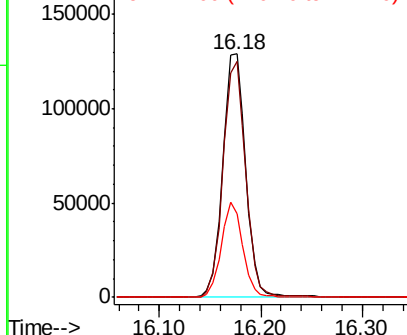
330 100

332 95.8 75.4 113.2

141 36.7 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: 61.570 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

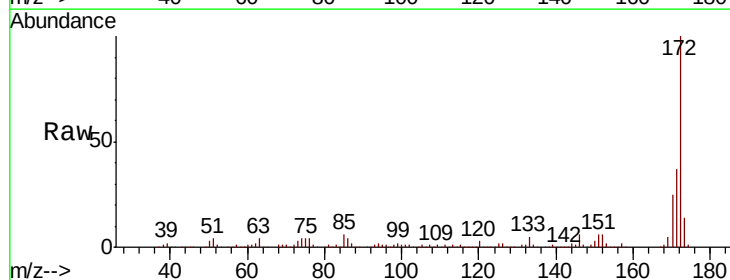
Tgt Ion:172 Resp: 695108

Ion Ratio Lower Upper

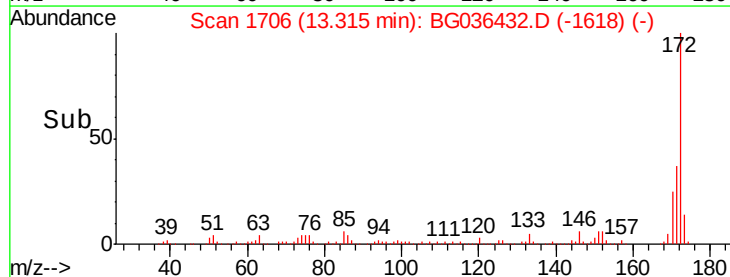
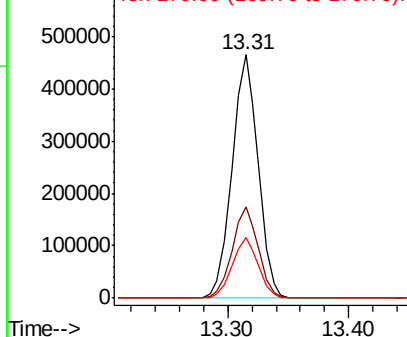
172 100

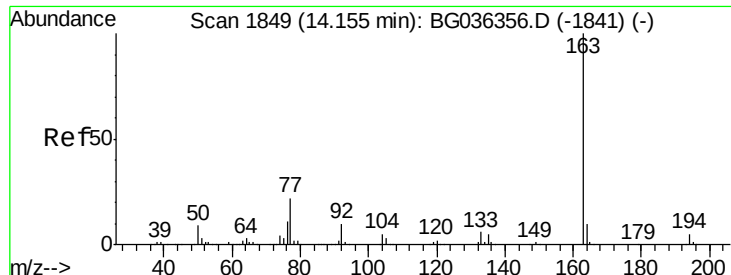
171 37.4 31.3 46.9

170 24.8 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

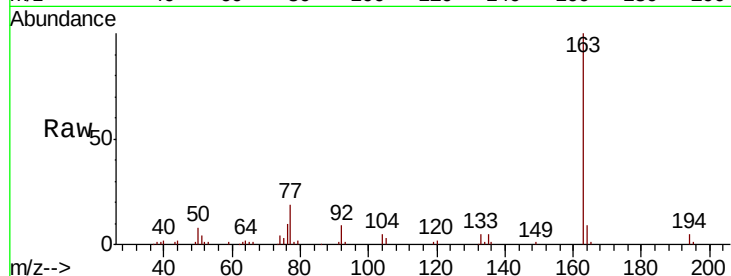




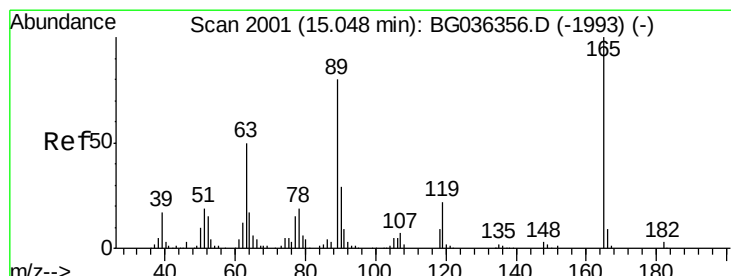
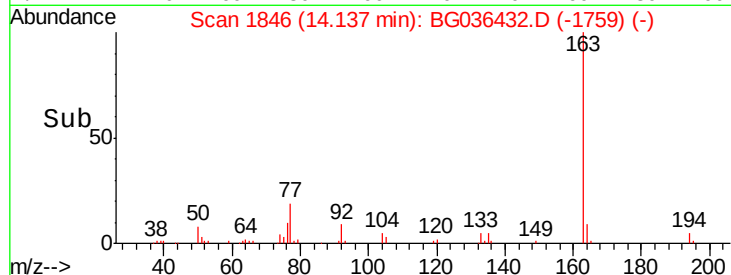
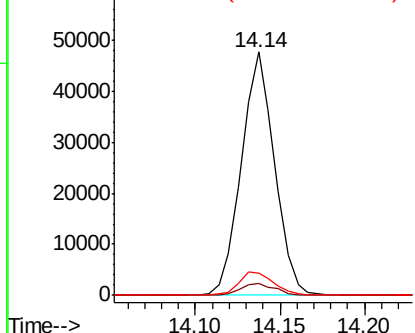
#49
Dimethylphthalate
Concen: 4.960 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 65286
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 9.1 8.1 12.1

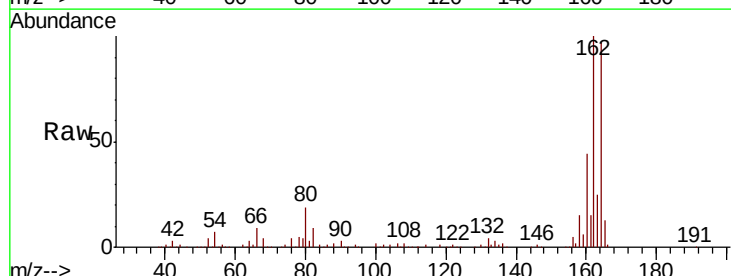


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

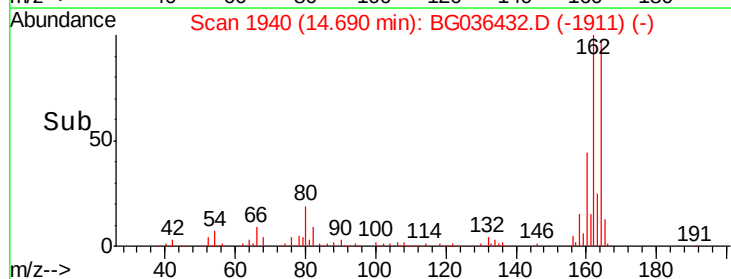
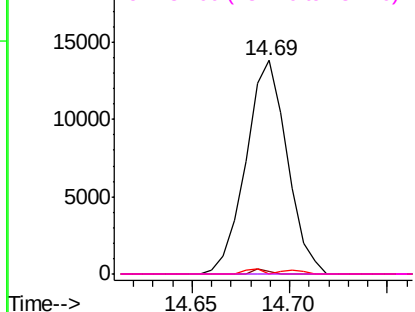


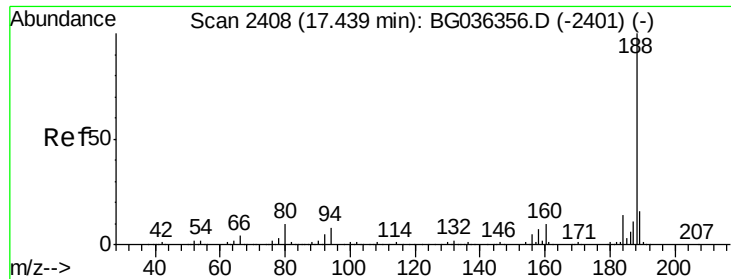
#56
2,4-Dinitrotoluene
Concen: 5.714 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Tgt Ion:165 Resp: 20170
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 0.0 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

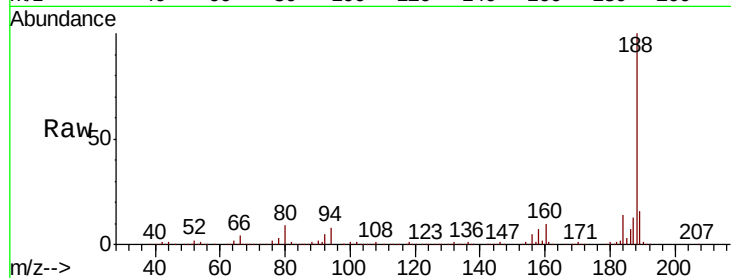




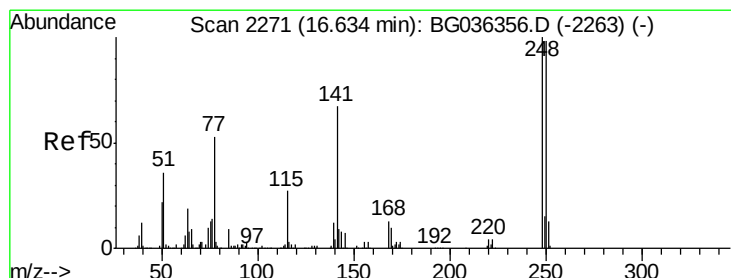
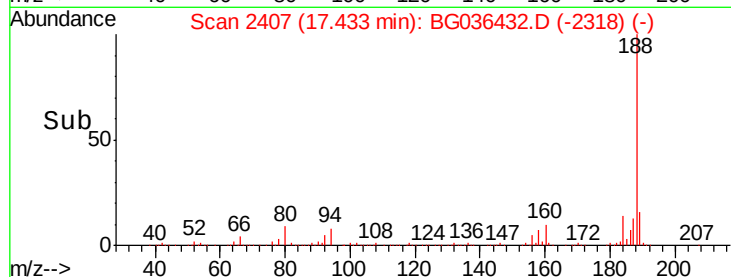
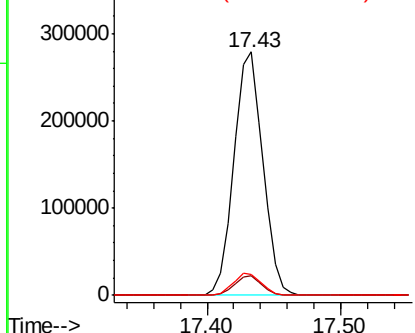
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 420614
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.7 10.1
 80 8.8 8.1 12.1

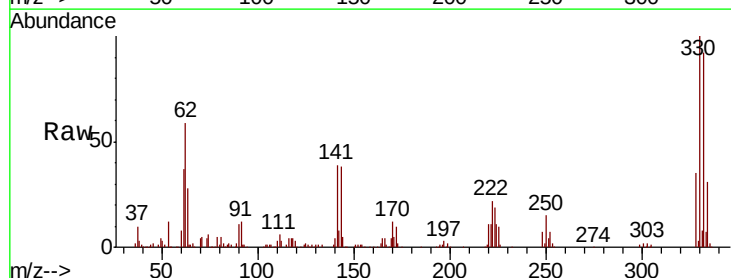


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

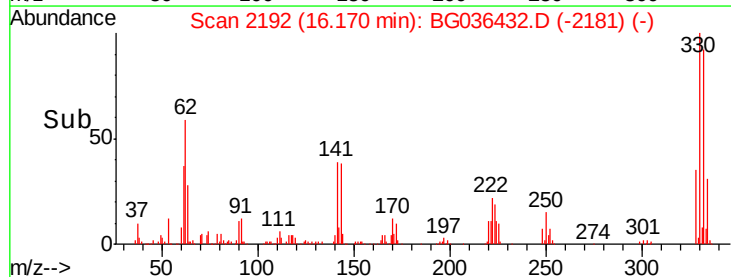
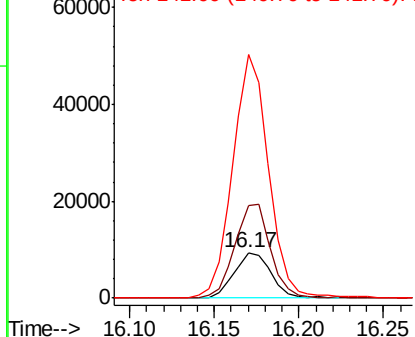


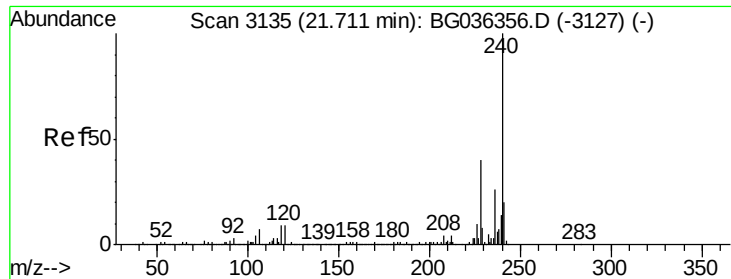
#66
 4-Bromophenyl-phenylether
 Concen: 2.854 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.46 min
 Lab File: BG036432.D
 Acq: 27 Aug 2018 15:24

Tgt Ion:248 Resp: 14054
 Ion Ratio Lower Upper
 248 100
 250 203.8 78.1 117.1#
 141 538.6 53.7 80.5#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

Instrument :

BNA_G

ClientSampleId :

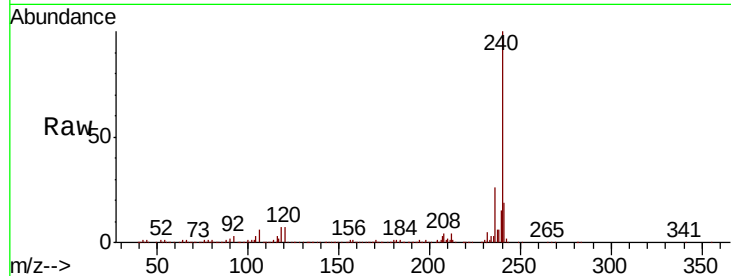
Tot Ion:240 Resp: 455563

Ion Ratio Lower Upper

240 100

120 7.4 6.9 10.3

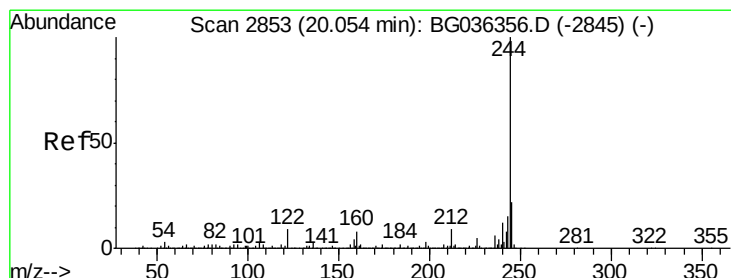
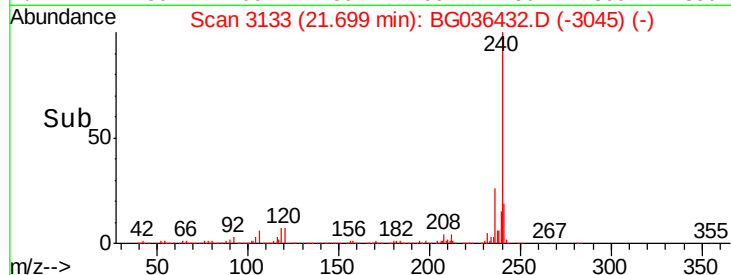
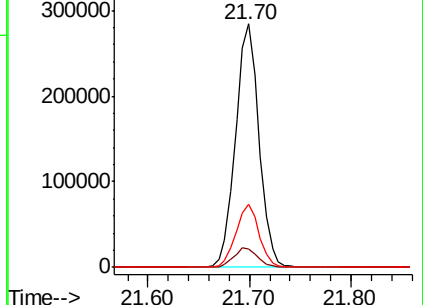
236 25.8 21.2 31.8



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: 59.858 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036432.D

Acq: 27 Aug 2018 15:24

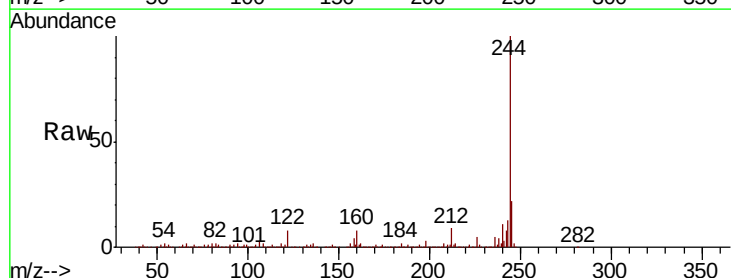
Tgt Ion:244 Resp: 1166673

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

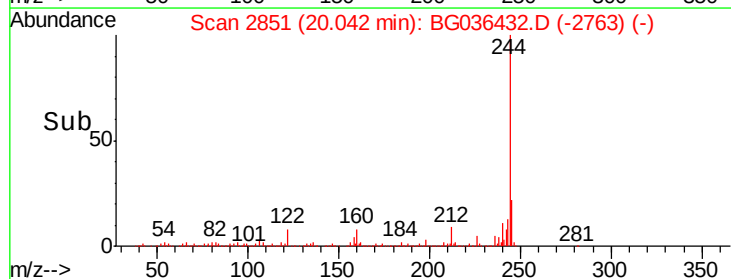
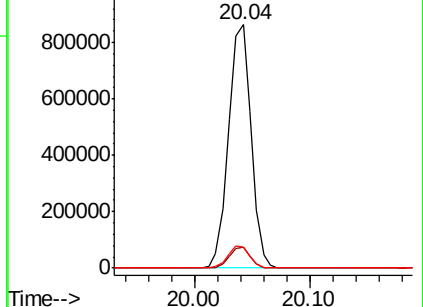
122 8.5 7.1 10.7

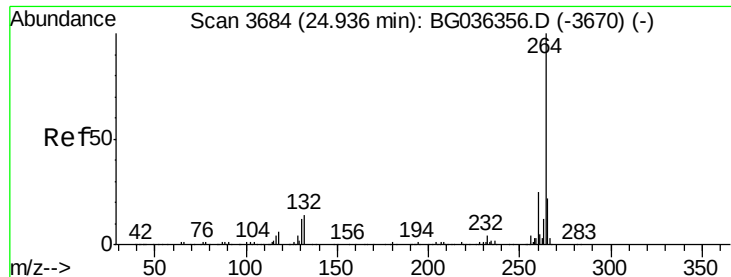


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036432.D
Acq: 27 Aug 2018 15:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.6	17.4	26.0

