

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
 Data File : BG036498.D
 Acq On : 31 Aug 2018 3:59
 Operator : JU/SJ
 Sample : PB112500TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 05:02:03 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

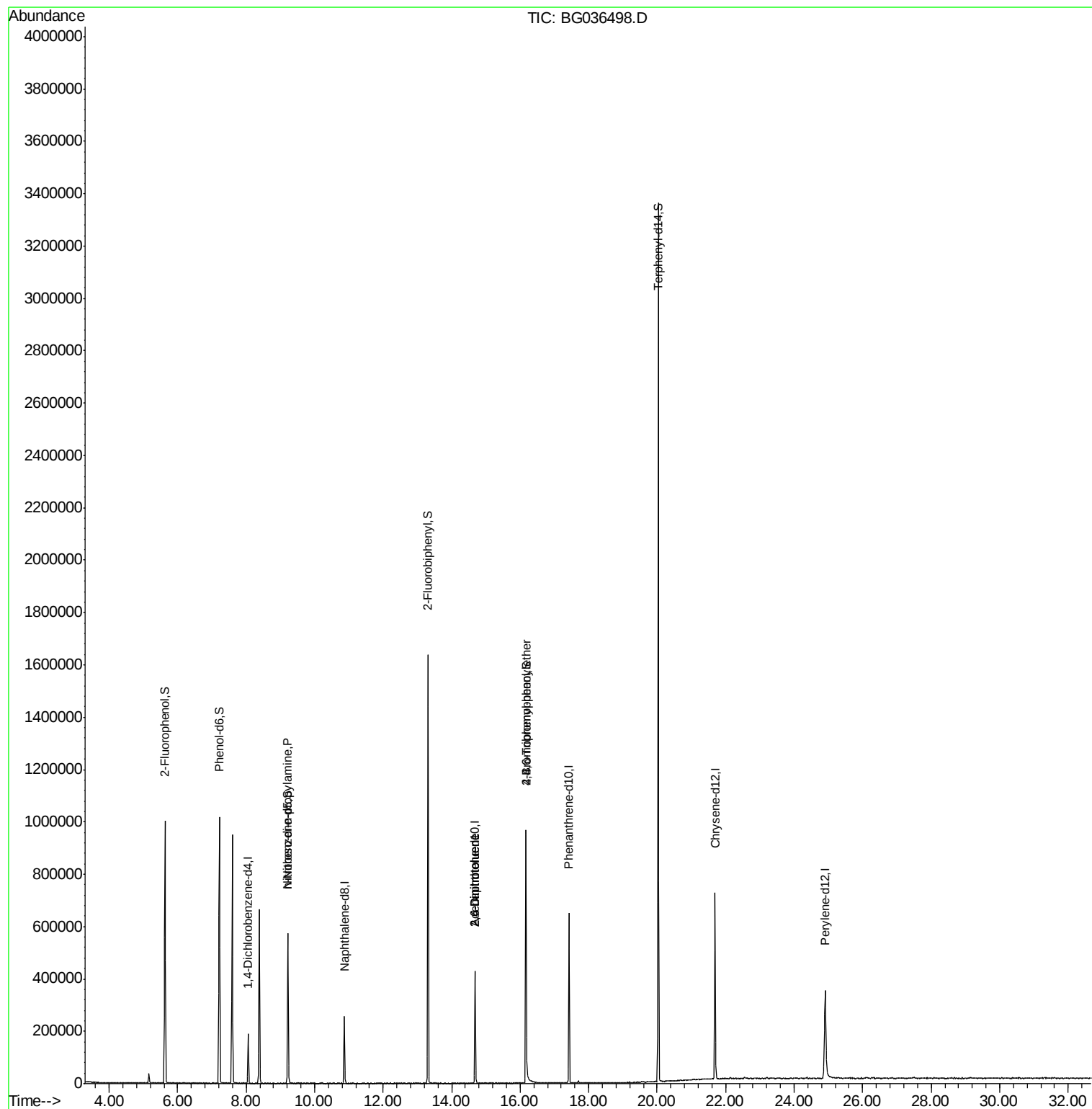
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53111	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	221409	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	152776	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	412510	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	448144	20.00	ng	-0.02
86) Perylene-d12	24.90	264	426368	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411883	123.02	ng	0.00
7) Phenol-d6	7.22	99	573433	119.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	333659	81.76	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	197182	108.17	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	828869	77.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1497231	78.09	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44206	12.339	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	19579	7.627	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19579	5.852	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	13748	2.847	ng	# 1

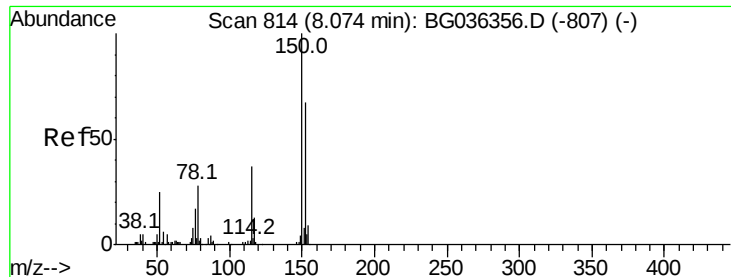
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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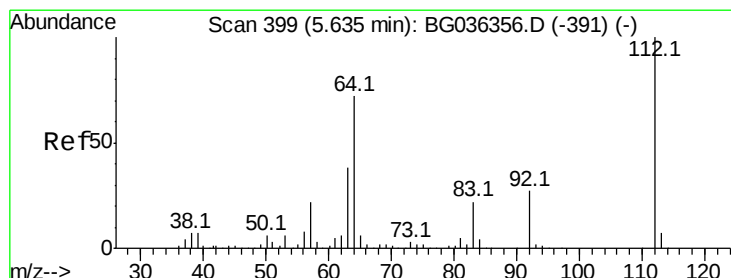
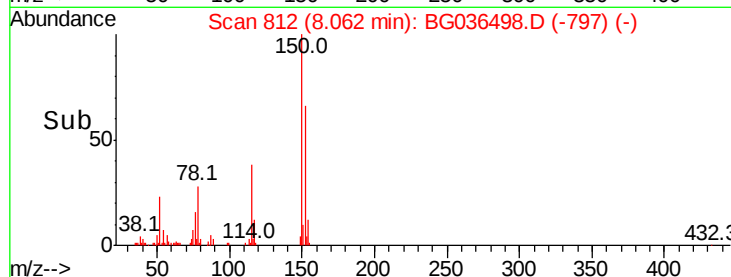
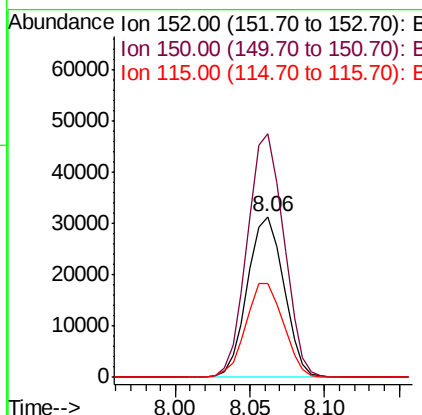
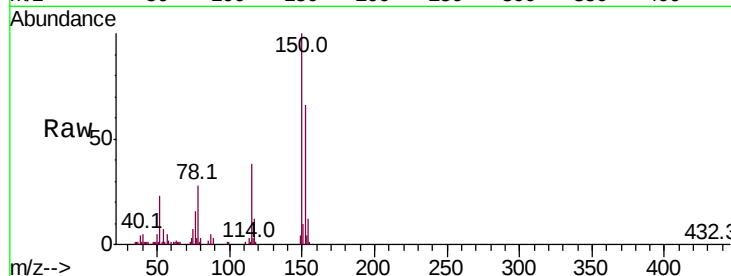


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

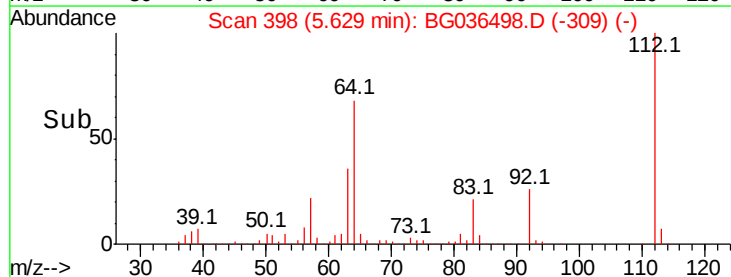
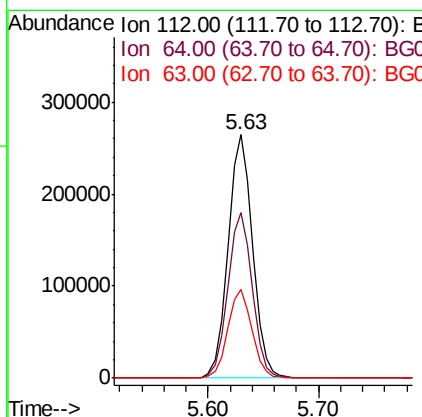
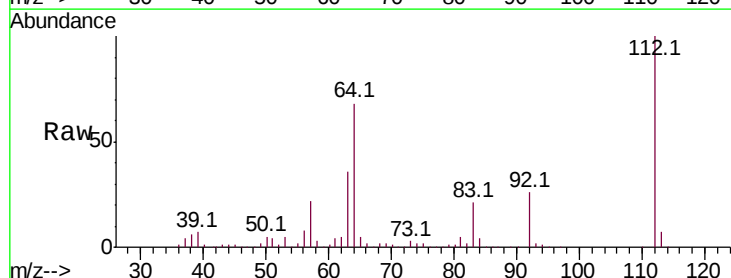
Tot Ion:152 Resp: 53111
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 58.3 44.5 66.7

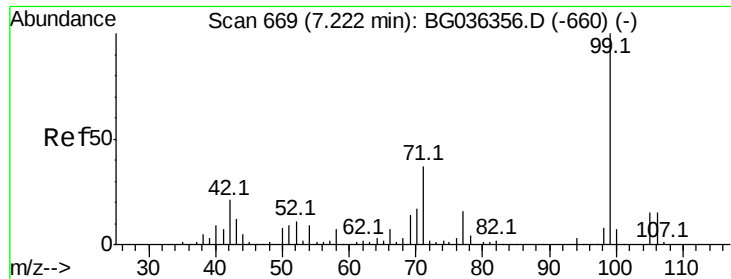


#5

2-Fluorophenol
Concen: 123.019 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:112 Resp: 411883
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 36.2 30.8 46.2





#7

Phenol-d6

Concen: 119.623 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Instrument :

BNA_G

ClientSampleId :

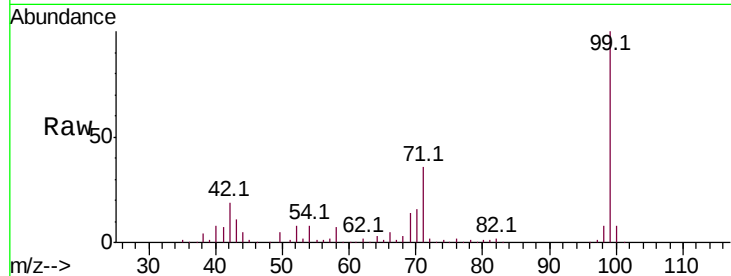
Tot Ion: 99 Resp: 573433

Ion Ratio Lower Upper

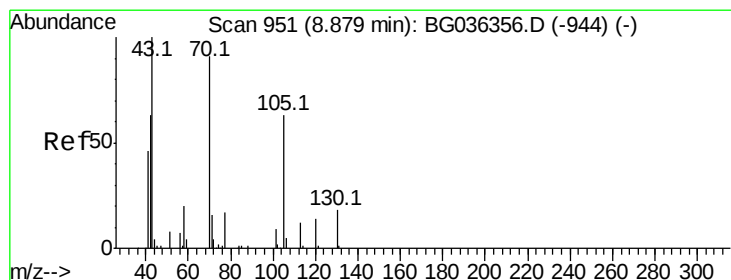
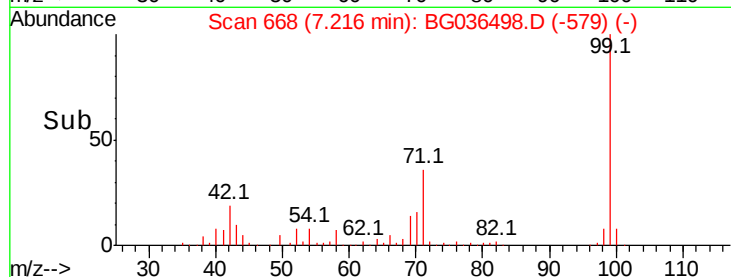
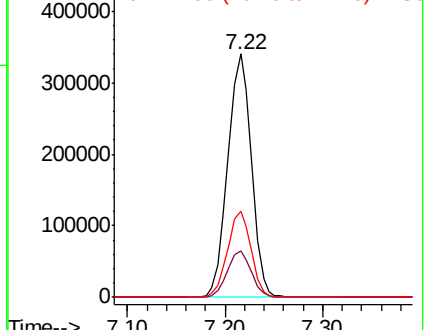
99 100

42 19.3 16.5 24.7

71 35.6 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: 12.339 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Tgt Ion: 70 Resp: 44206

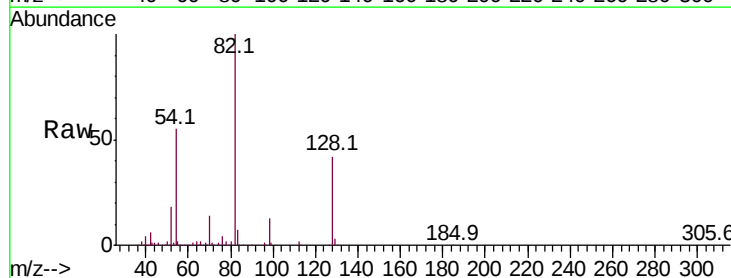
Ion Ratio Lower Upper

70 100

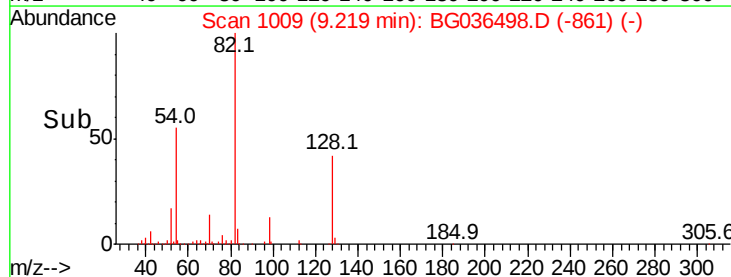
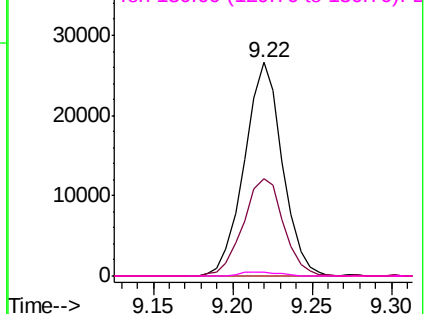
42 45.7 56.2 84.4#

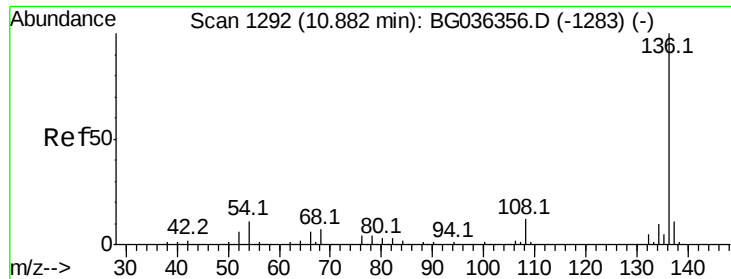
101 0.0 7.8 11.6#

130 1.6 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

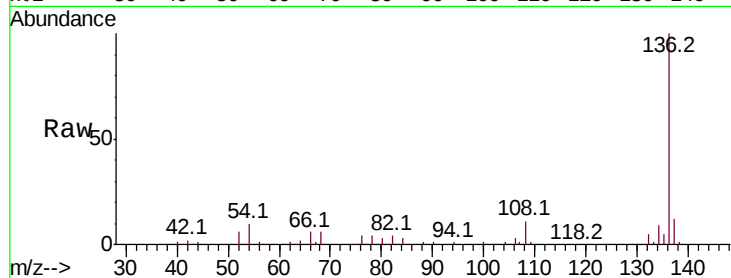




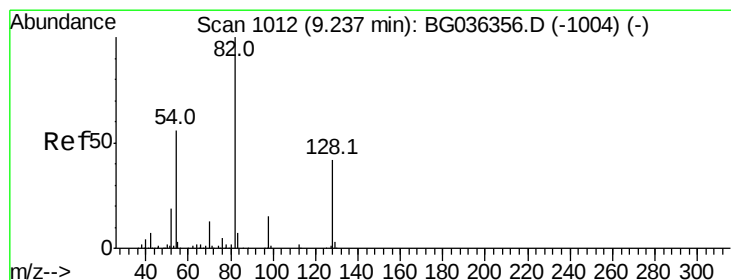
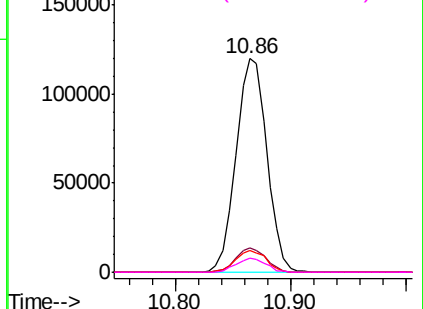
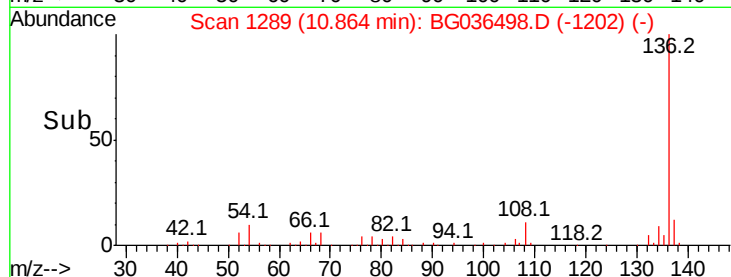
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	221409
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.5	9.2	13.8
68	6.5	5.8	8.6

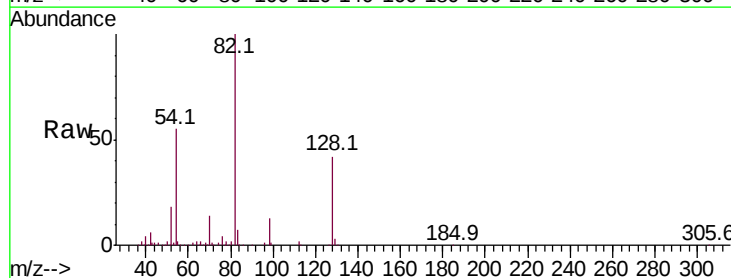


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

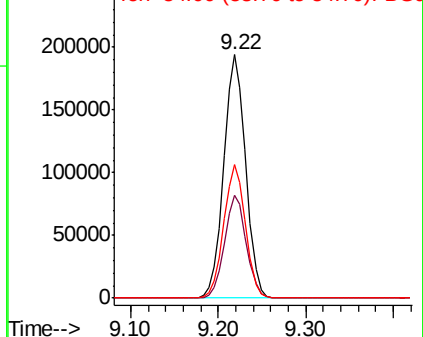
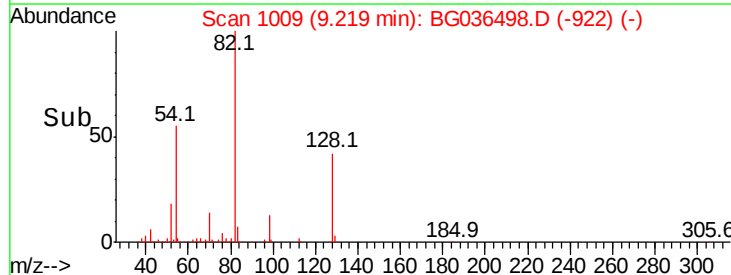


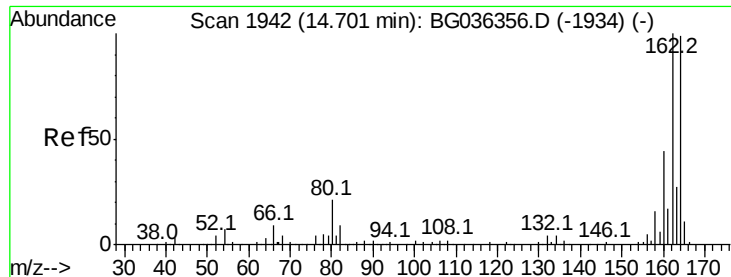
#23
Nitrobenzene-d5
Concen: 81.764 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG036498.D
Acq: 31 Aug 2018 3:59

Tgt Ion:	82	Resp:	333659
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	54.8	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

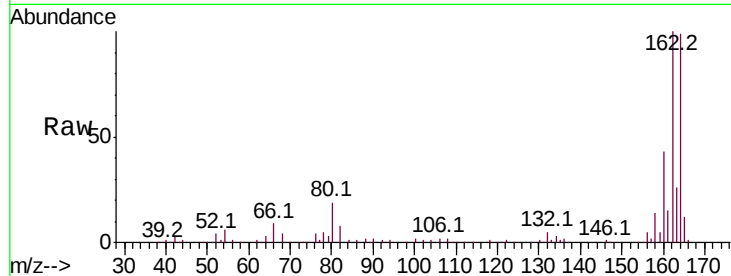




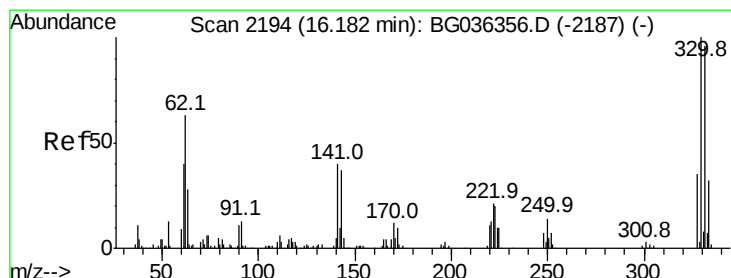
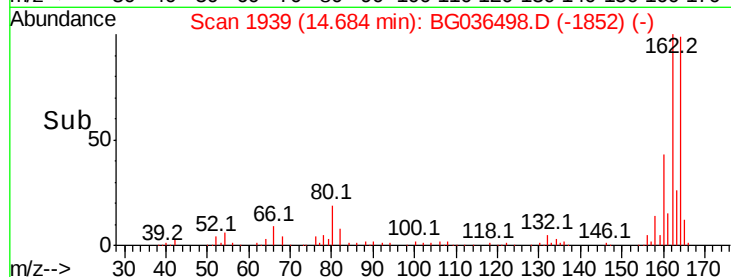
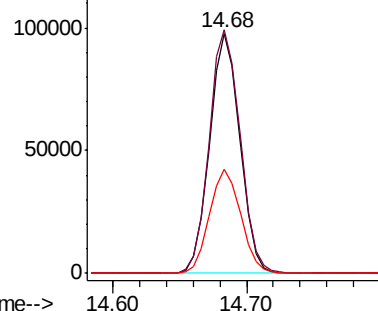
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.7	121.1
160	43.4	35.3	52.9

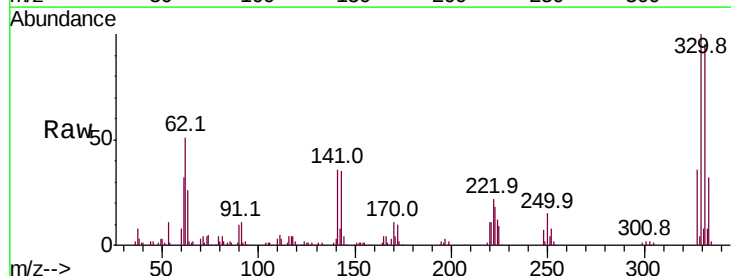


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

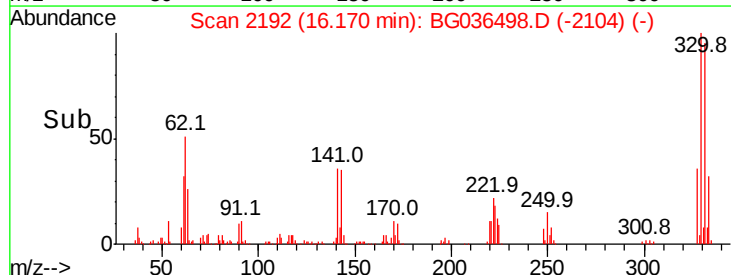
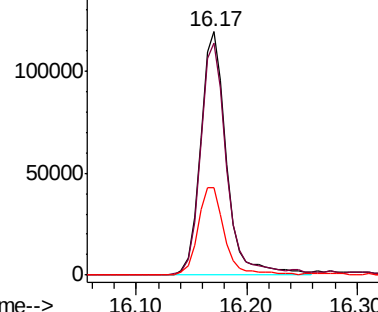


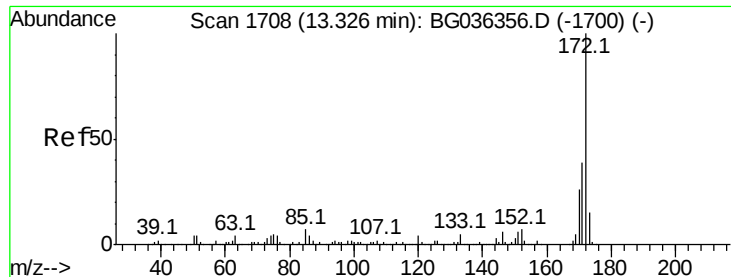
#41
 2,4,6-Tribromophenol
 Concen: 108.166 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	37.0	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

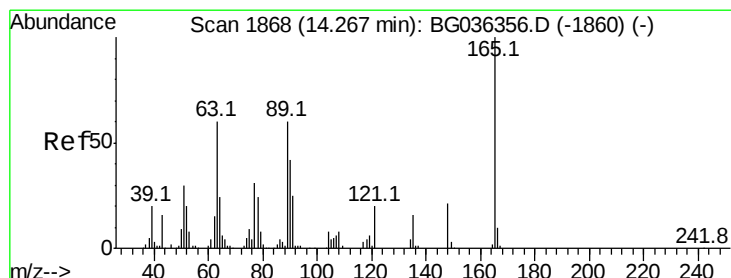
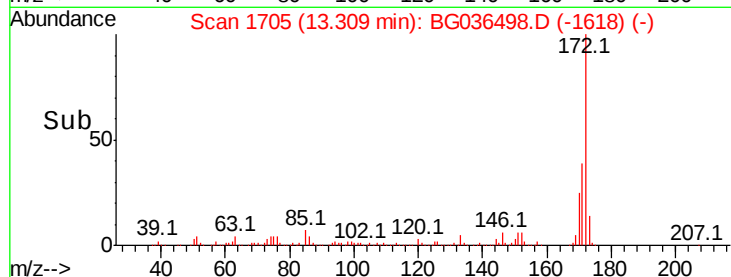
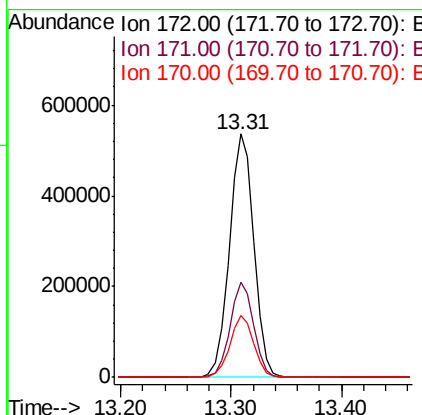
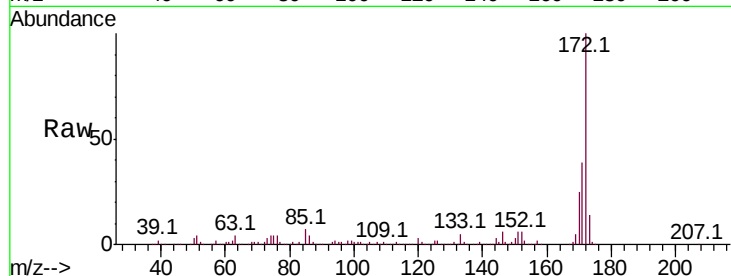




#44
 2-Fluorobiphenyl
 Concen: 77.465 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

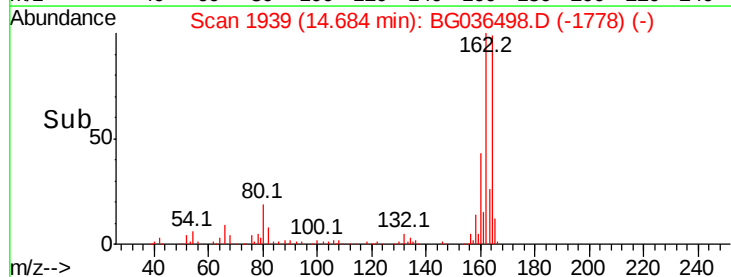
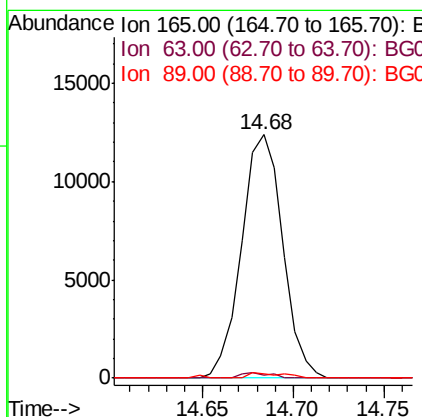
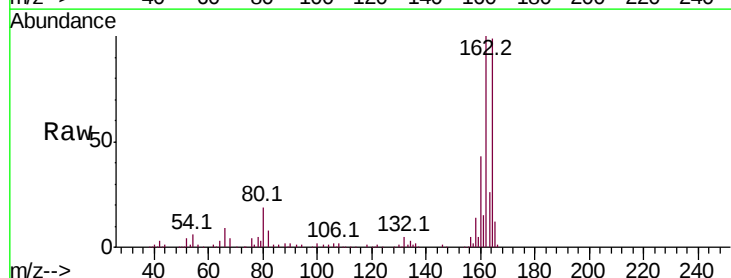
Instrument :
 BNA_G
 ClientSampleId :

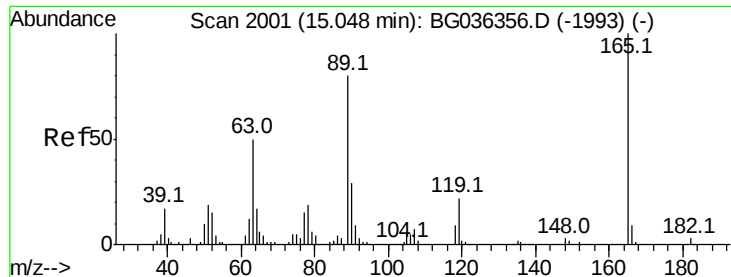
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.3	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.627 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.1	75.1#
89	2.0	47.8	71.6#

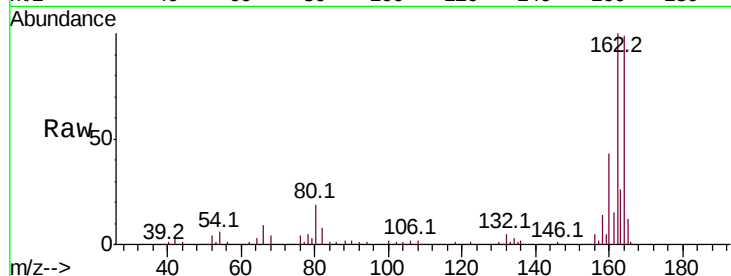




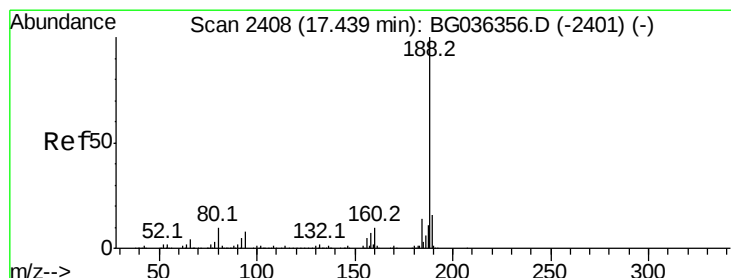
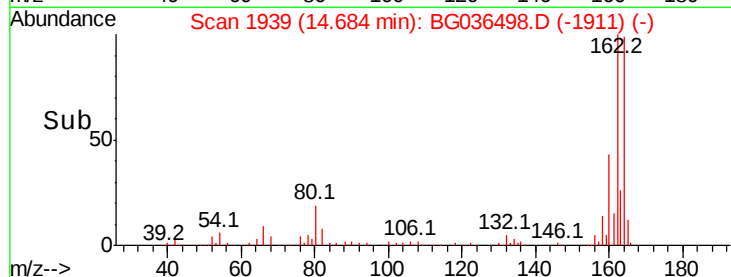
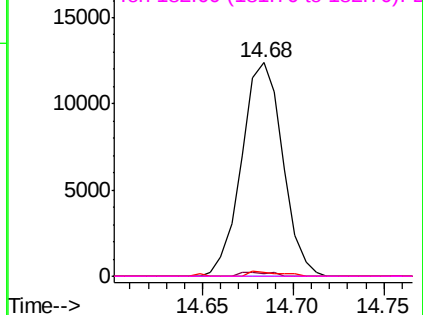
#56
 2,4-Dinitrotoluene
 Concen: 5.852 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

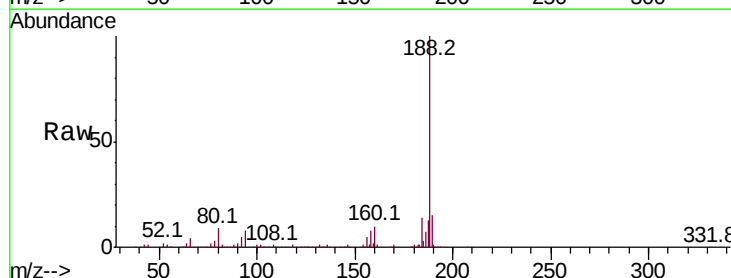


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

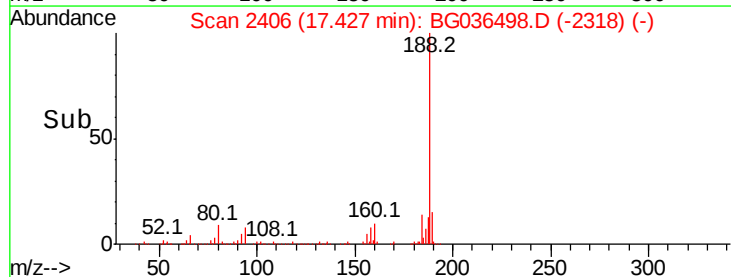
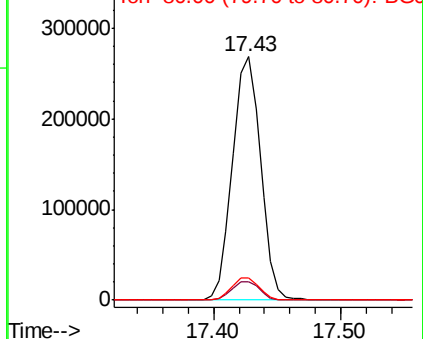


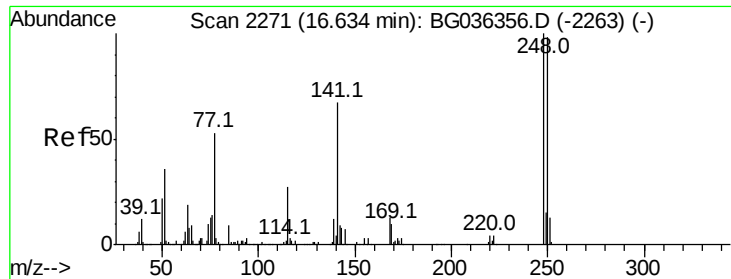
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1



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

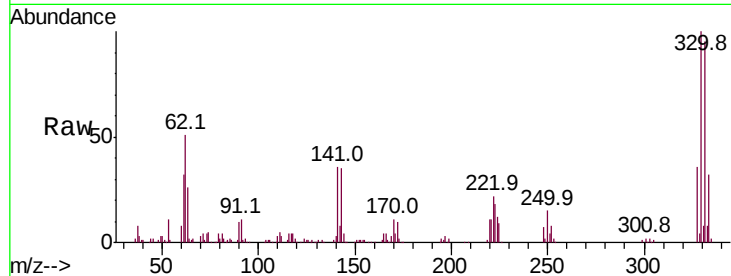




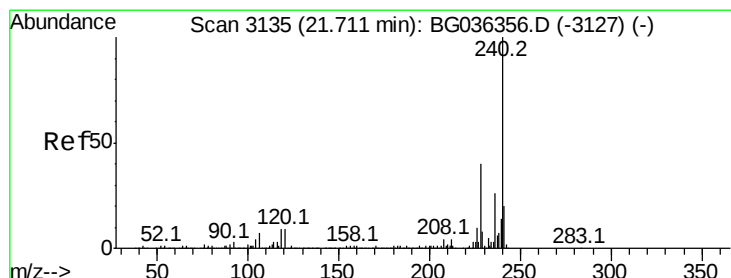
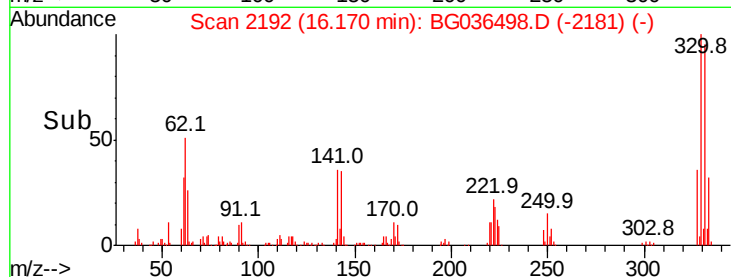
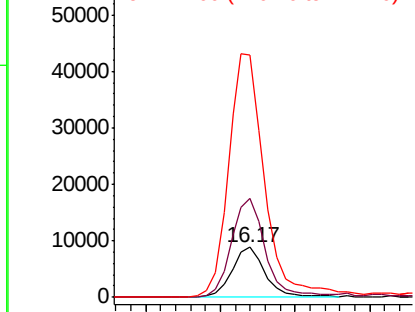
#66
 4-Bromophenyl-phenylether
 Concen: 2.847 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.46 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 13748
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.1 117.1#
 141 483.1 53.7 80.5#

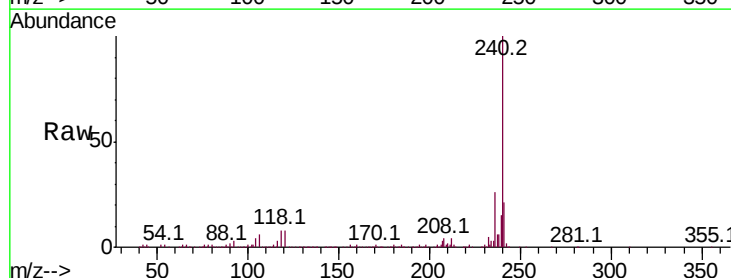


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

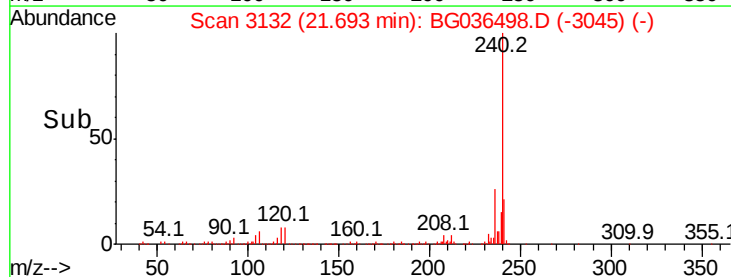
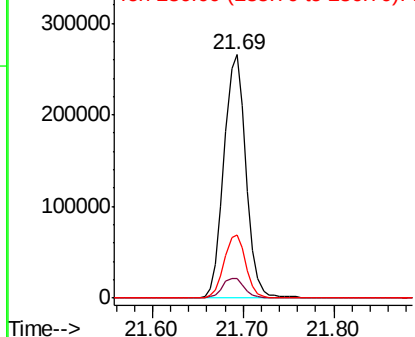


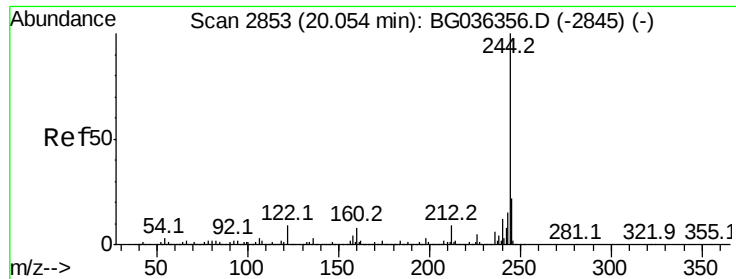
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036498.D
 Acq: 31 Aug 2018 3:59

Tgt Ion:240 Resp: 448144
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 26.0 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: 78.090 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

Instrument :

BNA_G

ClientSampled :

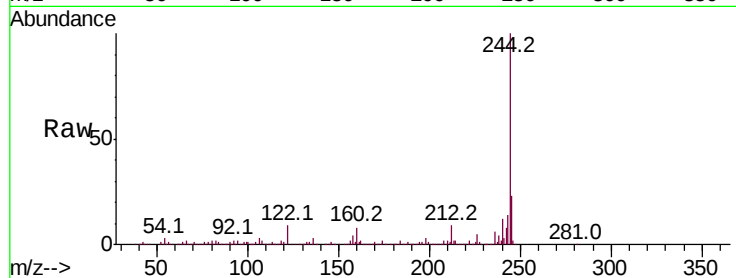
Tot Ion:244 Resp: 1497231

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

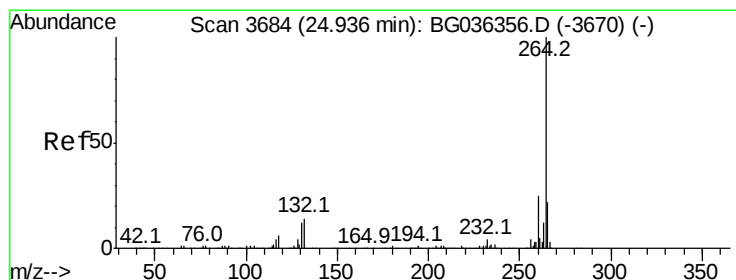
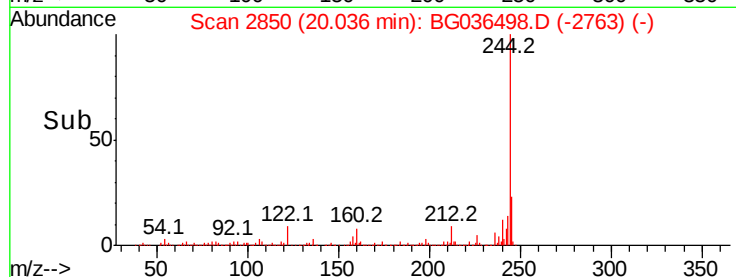
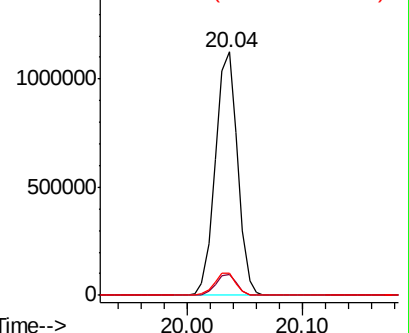
122 9.3 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.04 min

Lab File: BG036498.D

Acq: 31 Aug 2018 3:59

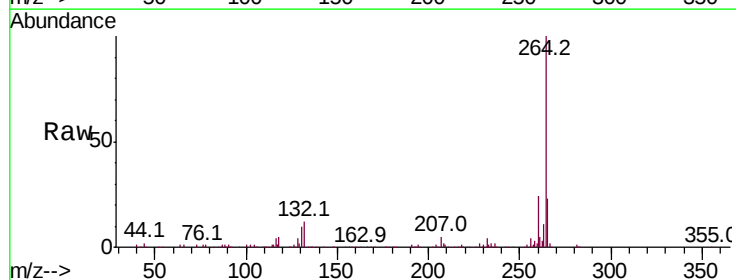
Tgt Ion:264 Resp: 426368

Ion Ratio Lower Upper

264 100

260 24.1 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

