

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036452.D
 Acq On : 28 Aug 2018 5:45
 Operator : JU/SJ
 Sample : J4584-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 07:18:13 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

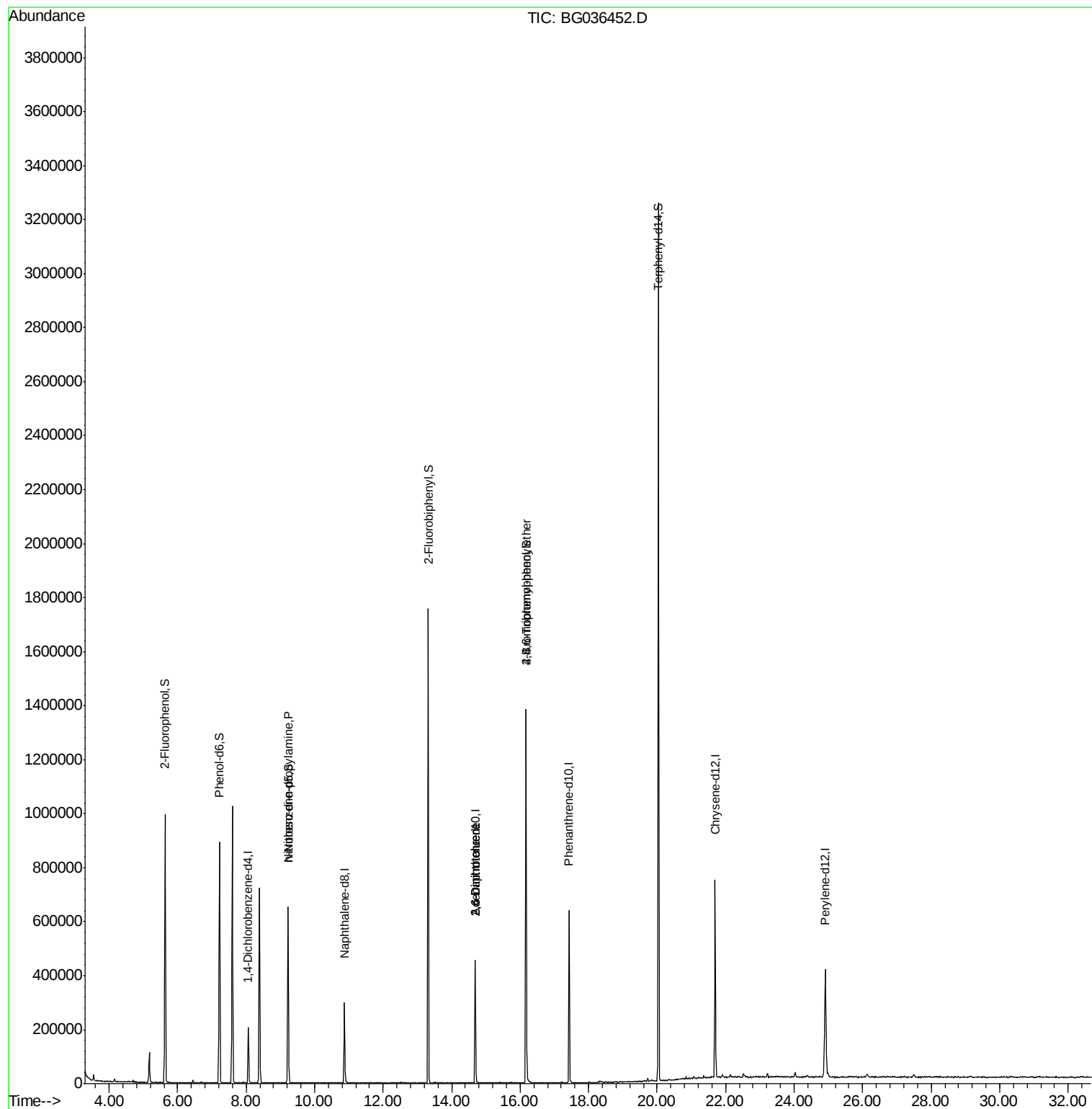
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59420	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	244556	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	157238	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	405369	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	449083	20.00	ng	-0.02
86) Perylene-d12	24.91	264	441445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	411022	109.73	ng	0.00
7) Phenol-d6	7.22	99	513978	95.84	ng	0.00
23) Nitrobenzene-d5	9.23	82	377176	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	253158	134.93	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	876518	79.59	ng	-0.01
78) Terphenyl-d14	20.04	244	1555642	80.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50187	12.521	ng	# 71
50) 2,6-Dinitrotoluene	14.69	165	19990	7.566	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	19990	5.805	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	17980	3.788	ng	# 1

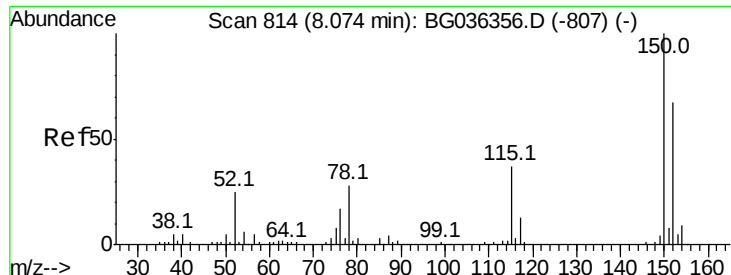
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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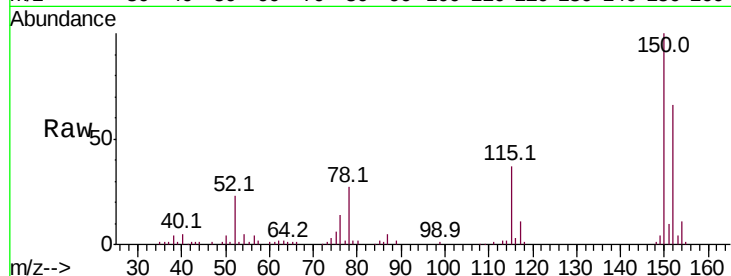


#1

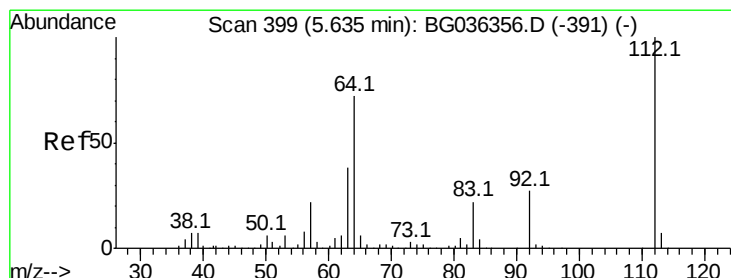
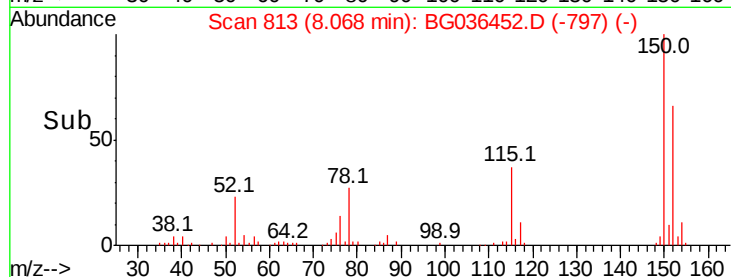
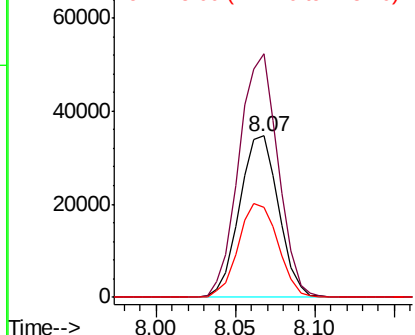
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	55.9	44.5	66.7



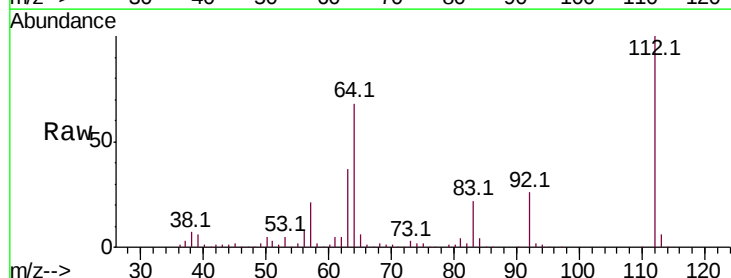
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



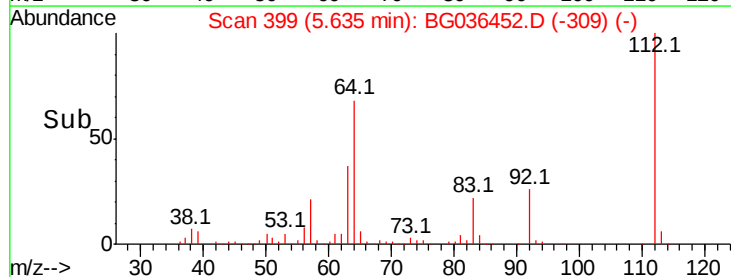
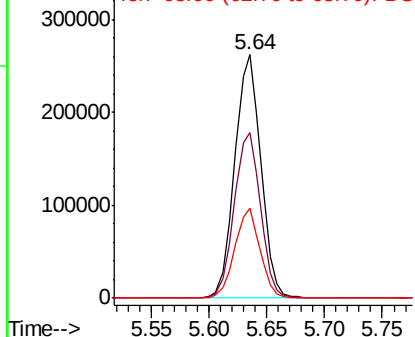
#5

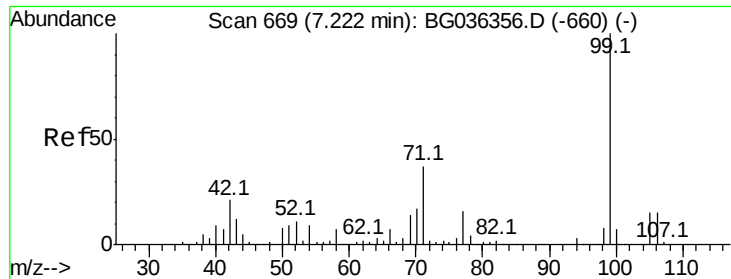
2-Fluorophenol
Concen: 109.728 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	57.2	85.8
63	36.7	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: 95.836 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

Instrument :

BNA_G

ClientSampleId :

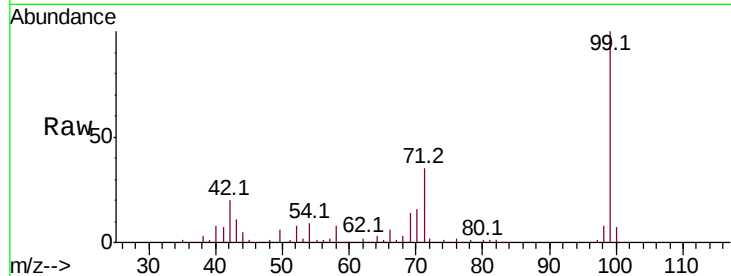
Tot Ion: 99 Resp: 513978

Ion Ratio Lower Upper

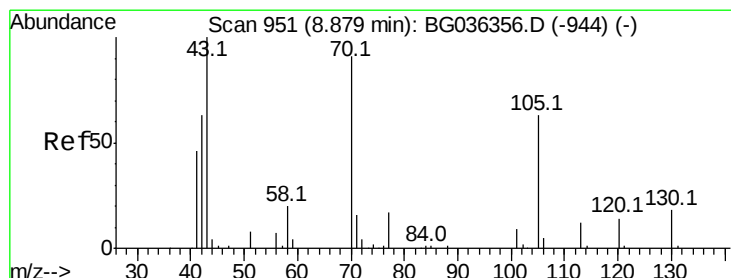
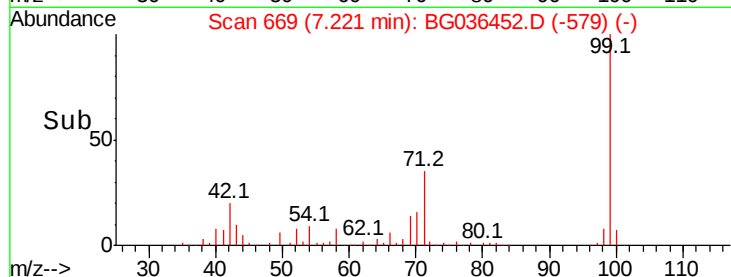
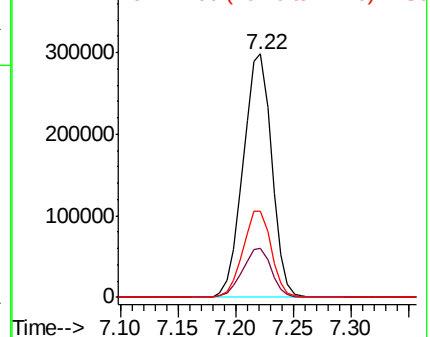
99 100

42 20.3 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: 12.521 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036452.D

Acq: 28 Aug 2018 5:45

Tgt Ion: 70 Resp: 50187

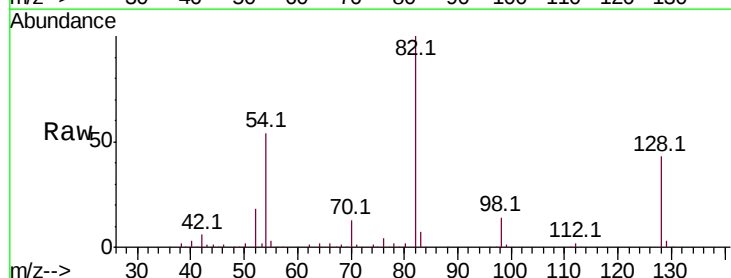
Ion Ratio Lower Upper

70 100

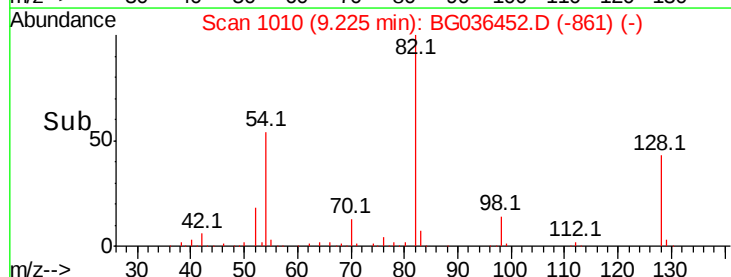
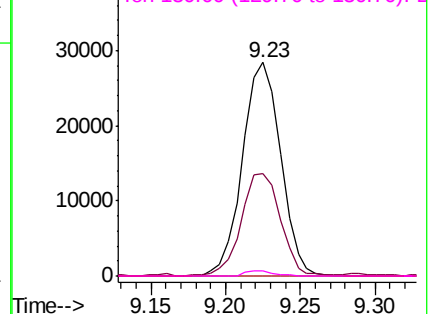
42 48.3 56.2 84.4#

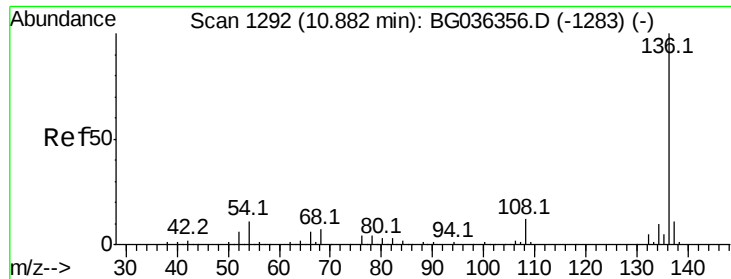
101 0.0 7.8 11.6#

130 2.2 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

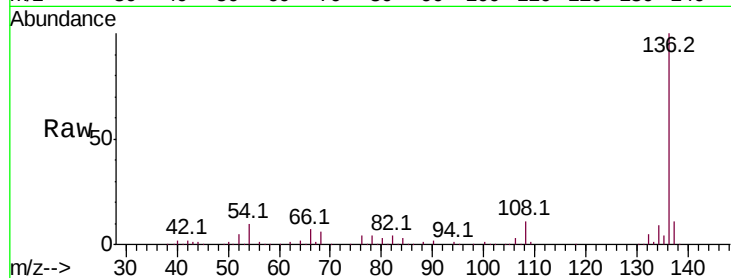




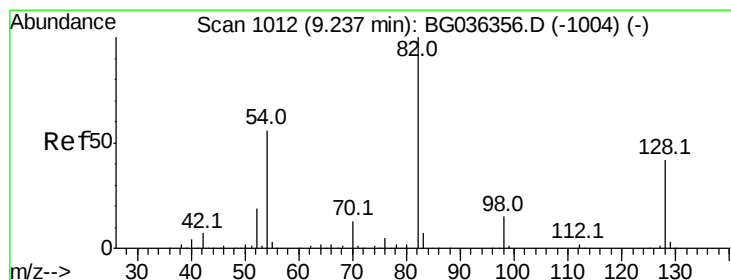
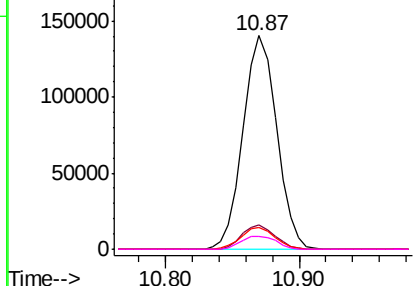
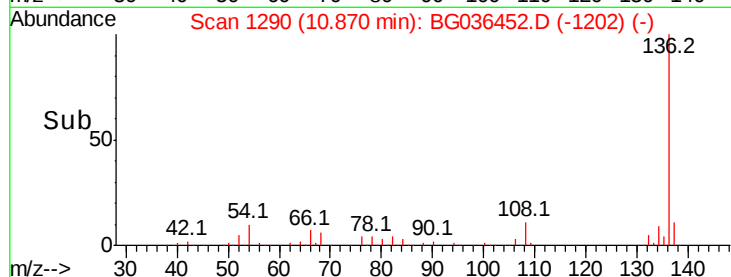
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	244556
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.8 13.2
54	10.2	9.2 13.8
68	6.1	5.8 8.6

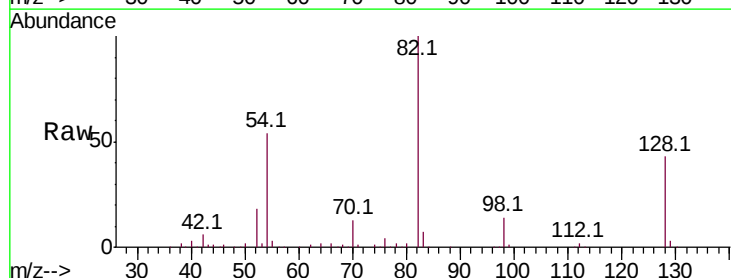


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

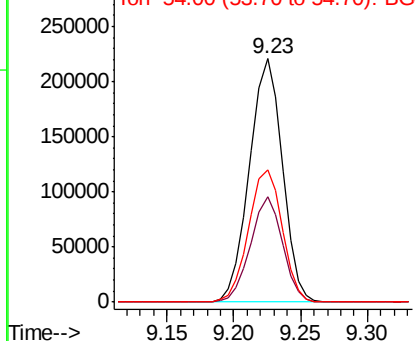
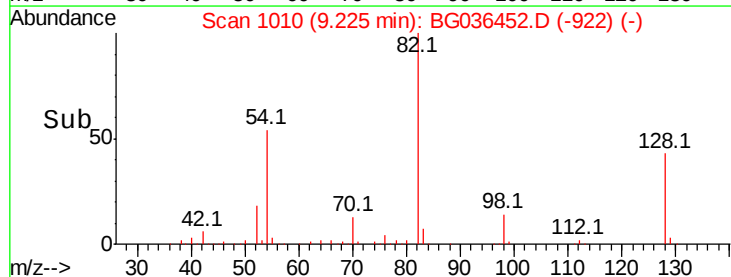


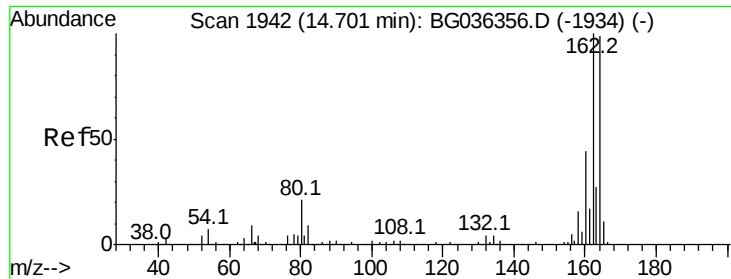
#23
Nitrobenzene-d5
Concen: 83.680 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Tgt Ion: 82	Resp:	377176
Ion	Ratio	Lower Upper
82	100	
128	43.2	33.3 49.9
54	54.1	45.1 67.7



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

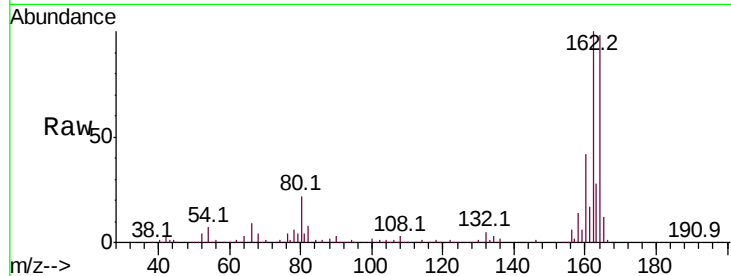




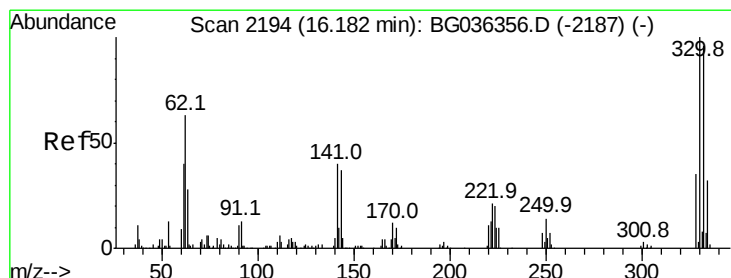
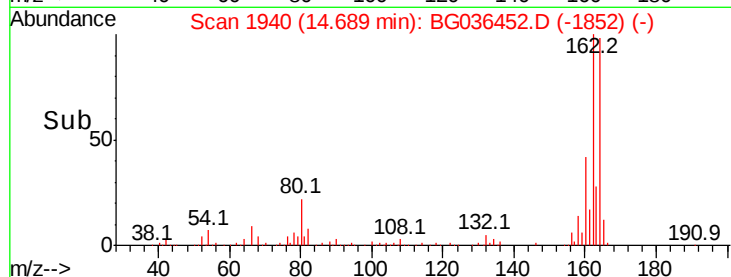
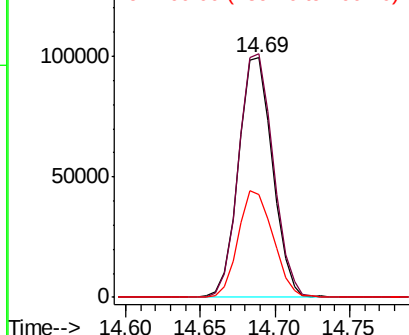
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	43.0	35.3	52.9

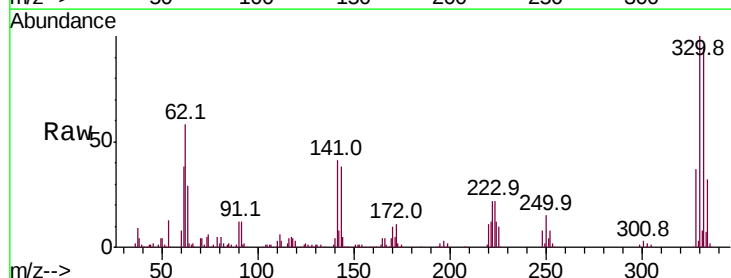


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

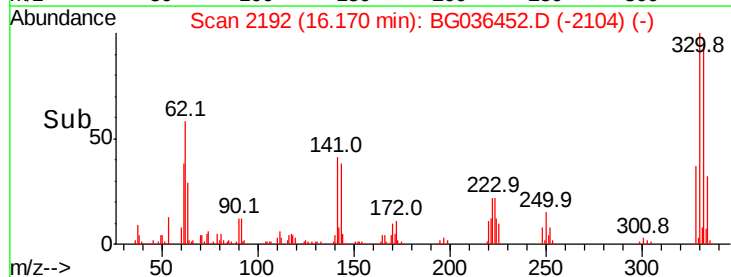
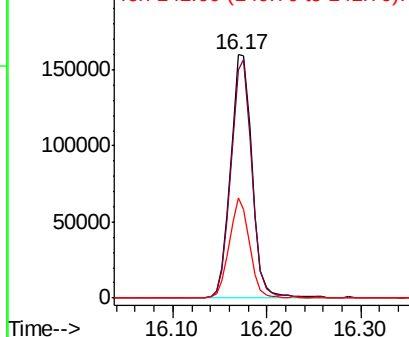


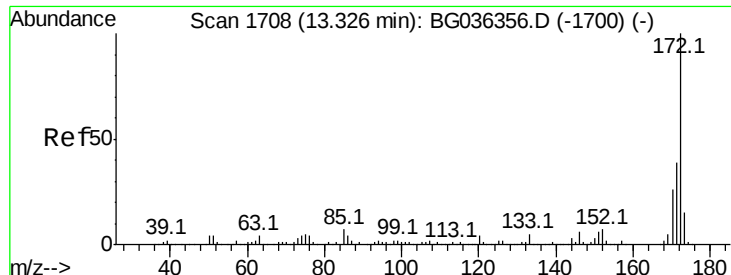
#41
2,4,6-Tribromophenol
Concen: 134.931 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG036452.D
Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	38.9	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

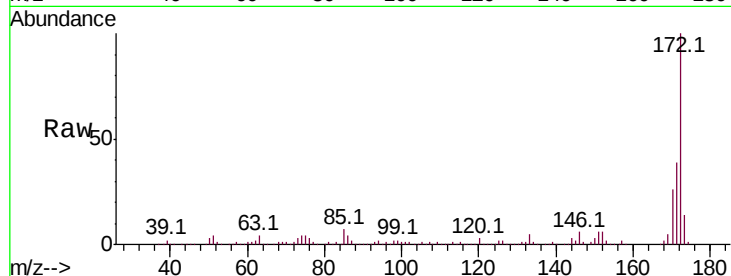




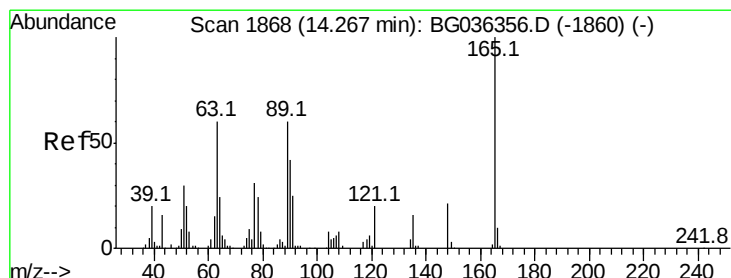
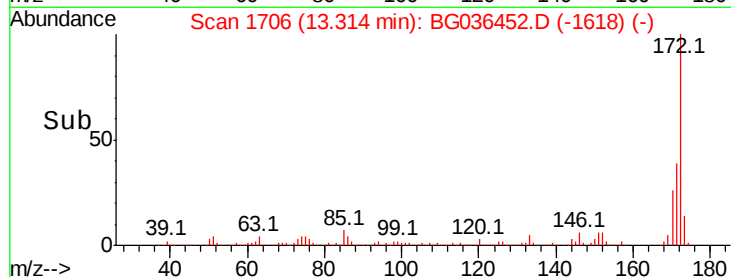
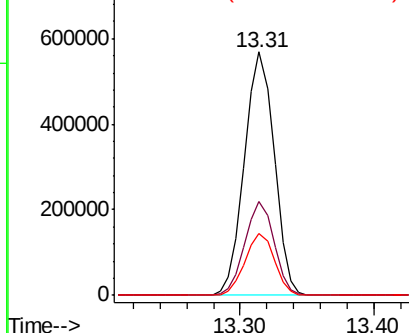
#44
 2-Fluorobiphenyl
 Concen: 79.593 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.6	21.0	31.6

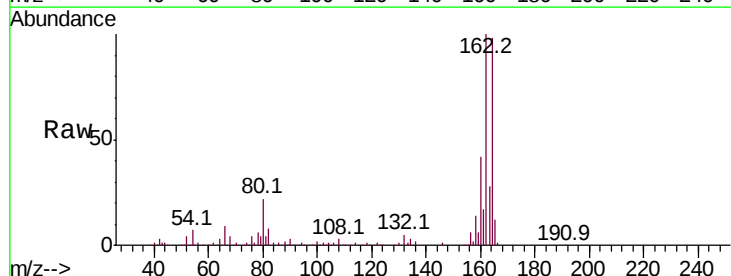


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

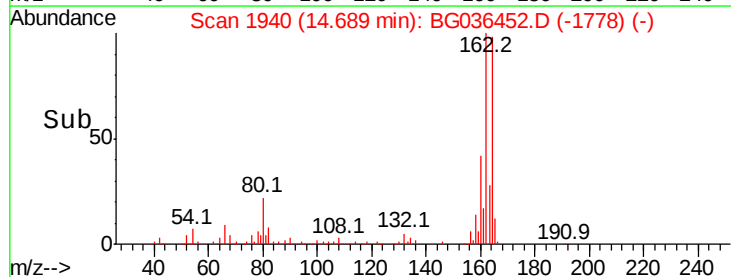
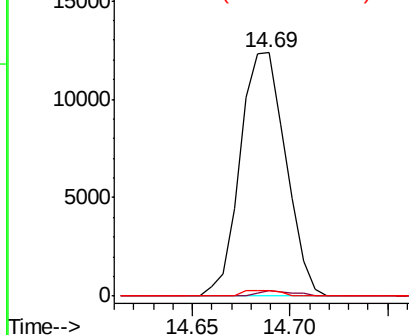


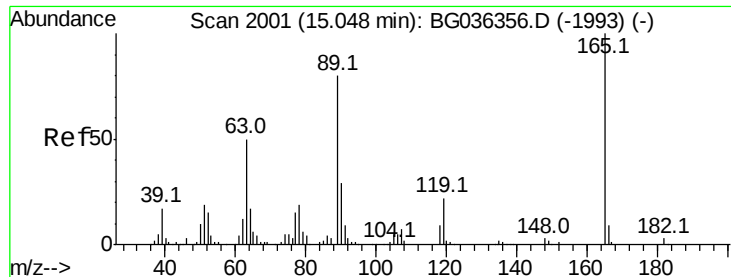
#50
 2,6-Dinitrotoluene
 Concen: 7.566 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	2.2	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

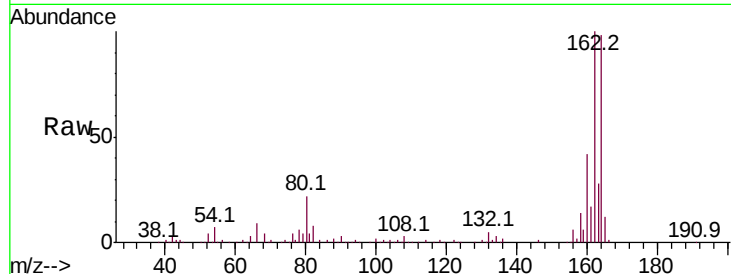




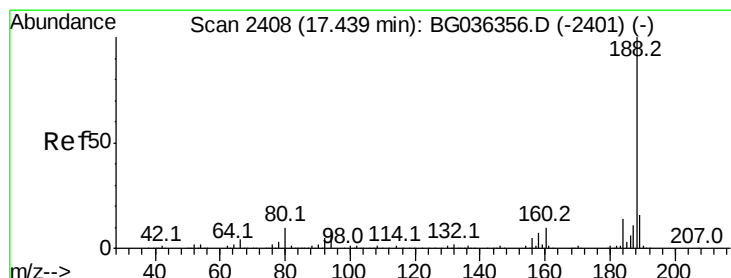
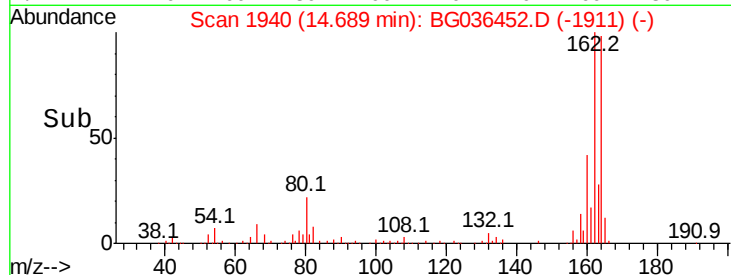
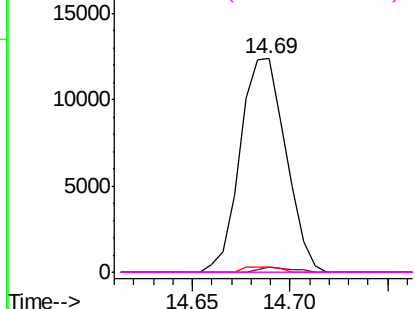
#56
 2,4-Dinitrotoluene
 Concen: 5.805 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	19990
Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#

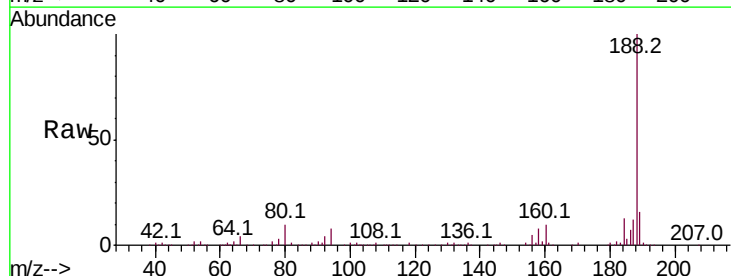


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

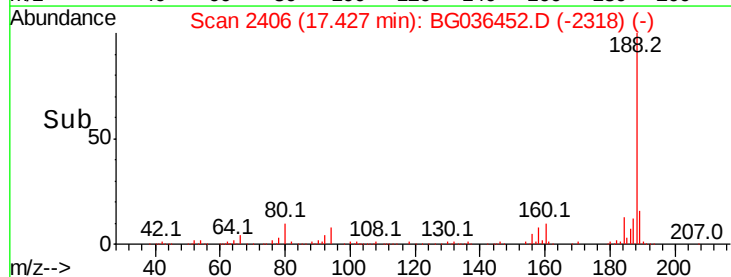
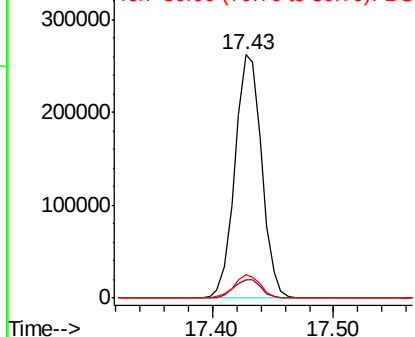


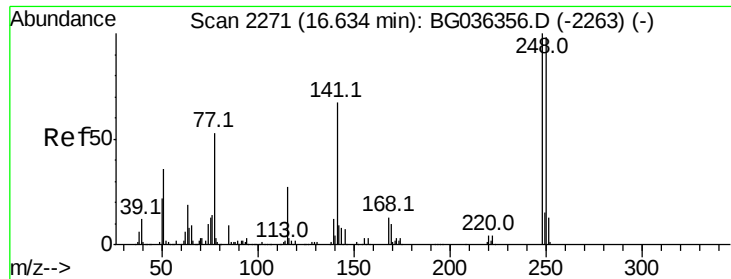
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion:	188	Resp:	405369
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.9	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

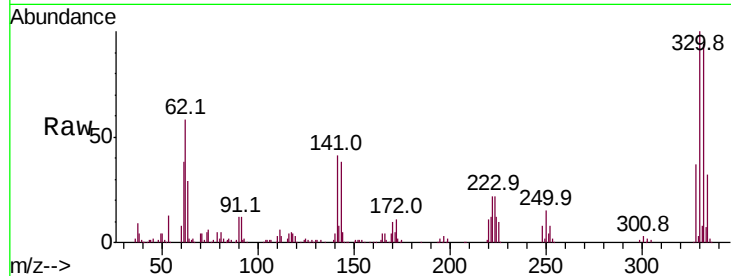




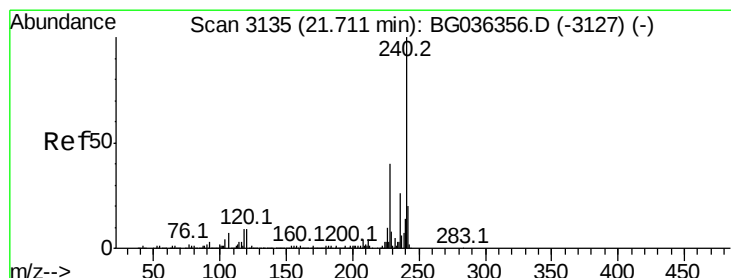
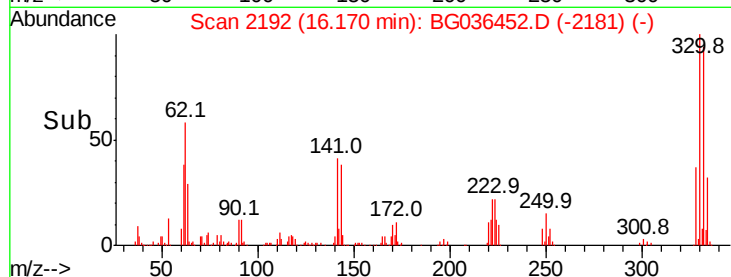
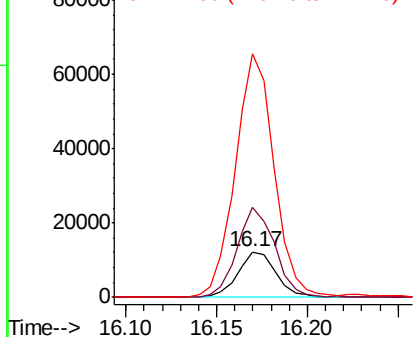
#66
 4-Bromophenyl-phenylether
 Concen: 3.788 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.46 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17980
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.1 117.1#
 141 537.5 53.7 80.5#

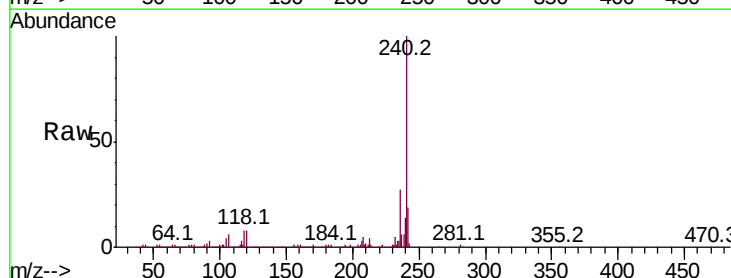


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

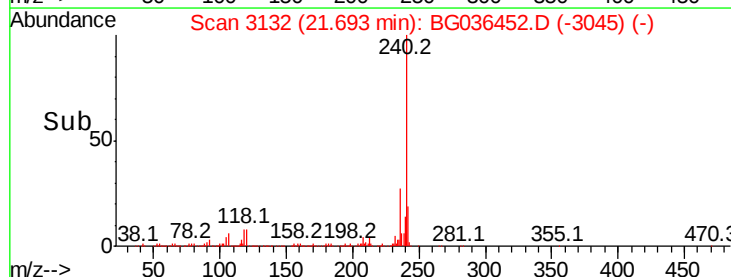
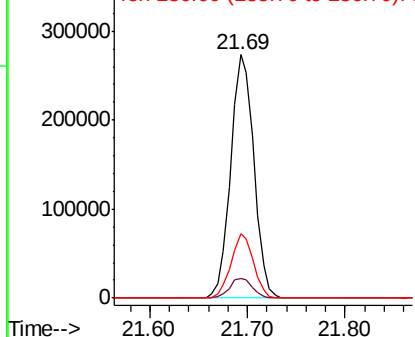


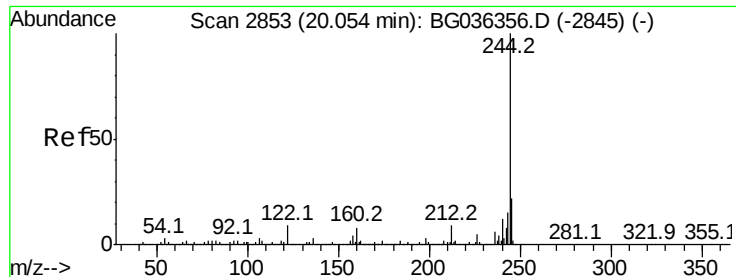
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion:240 Resp: 449083
 Ion Ratio Lower Upper
 240 100
 120 7.9 6.9 10.3
 236 26.6 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



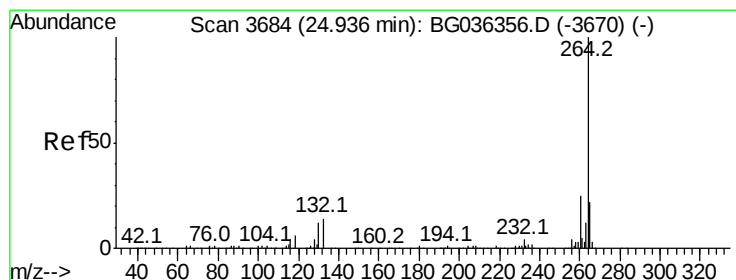
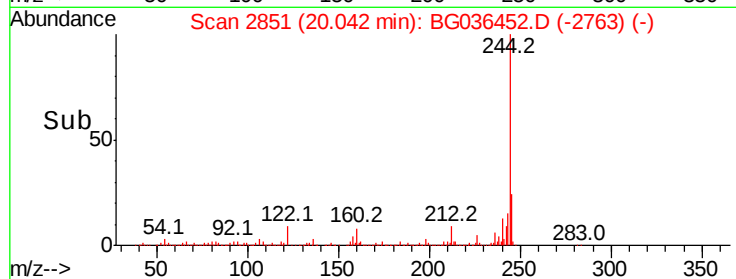
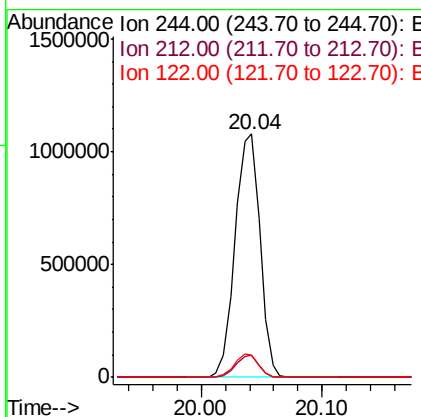
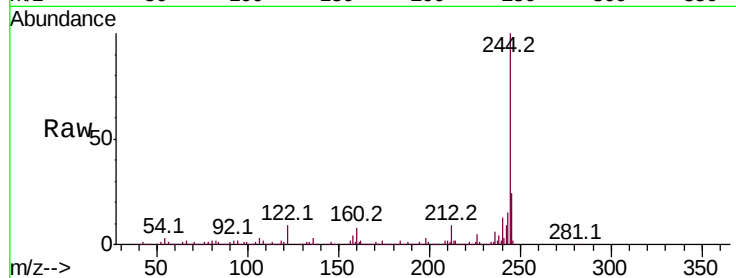


#78
 Terphenyl-d14
 Concen: 80.966 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1555642

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3679
 Delta R.T. -0.03 min
 Lab File: BG036452.D
 Acq: 28 Aug 2018 5:45

Tgt Ion:264 Resp: 441445

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.8	17.4	26.0

