

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036458.D
 Acq On : 28 Aug 2018 9:54
 Operator : JU/SJ
 Sample : J4660-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:28:59 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

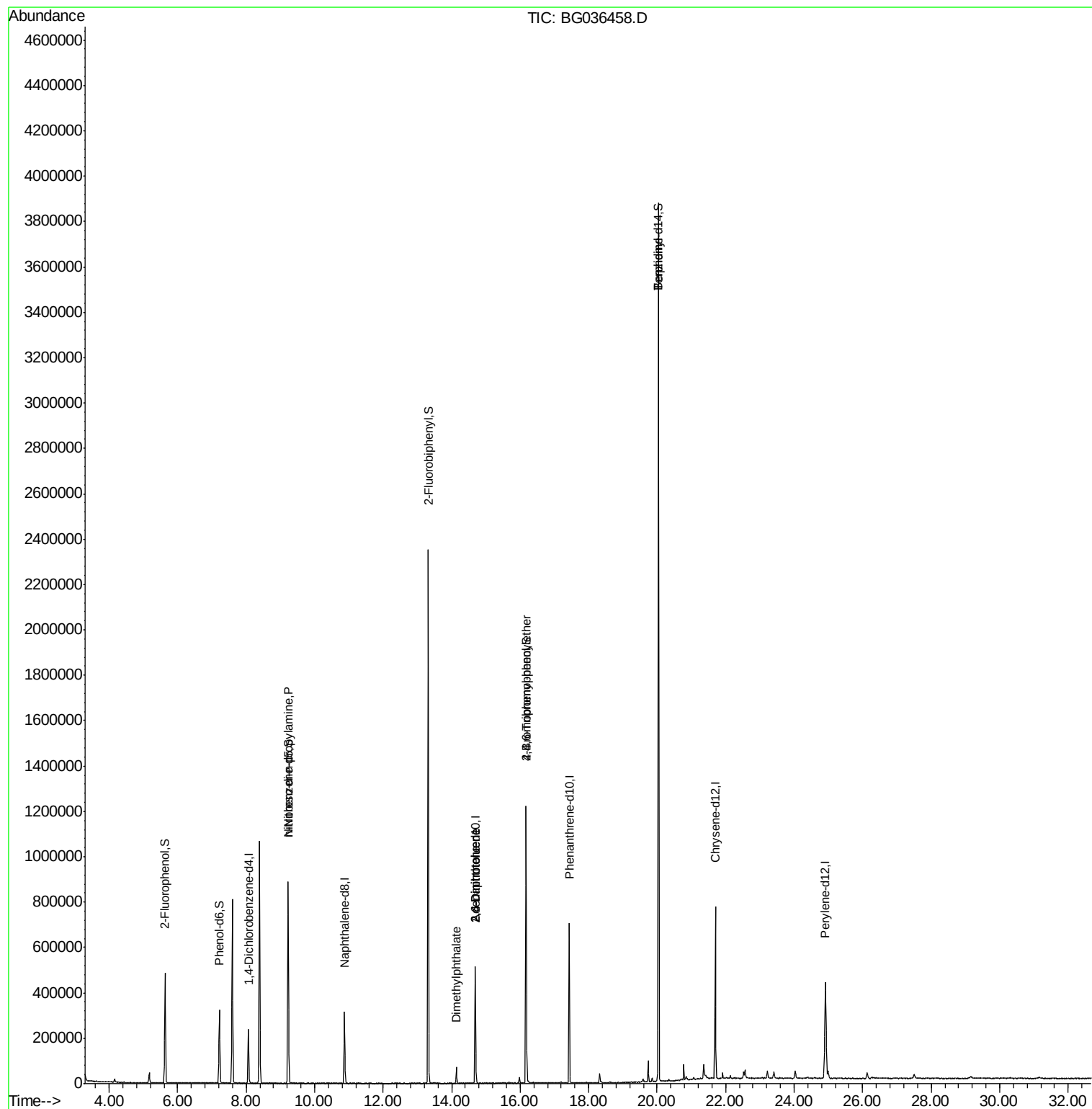
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	68079	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	274141	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	170573	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	433541	20.00	ng	0.00
75) Chrysene-d12	21.70	240	459636	20.00	ng	-0.01
86) Perylene-d12	24.91	264	466553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	213041	49.64	ng	0.00
7) Phenol-d6	7.22	99	183520	29.87	ng	0.00
23) Nitrobenzene-d5	9.23	82	529588	104.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	226337	111.20	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1223300	102.40	ng	-0.01
78) Terphenyl-d14	20.04	244	1785156	90.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	69891	15.219	ng	# 72
49) Dimethylphthalate	14.14	163	45156	3.242	ng	# 99
50) 2,6-Dinitrotoluene	14.69	165	22160	7.732	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	22160	5.933	ng	# 20
66) 4-Bromophenyl-phenylether	16.18	248	15451	3.044	ng	# 1
76) Benzidine	20.04	184	32119	2.190	ng	# 95

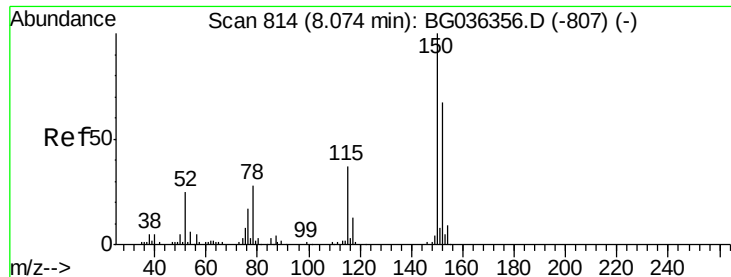
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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Response via : Initial Calibration



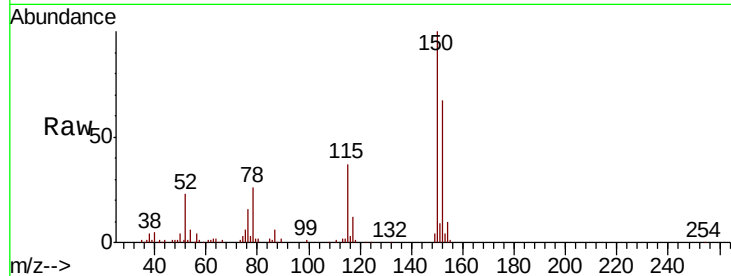


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	54.4	44.5	66.7

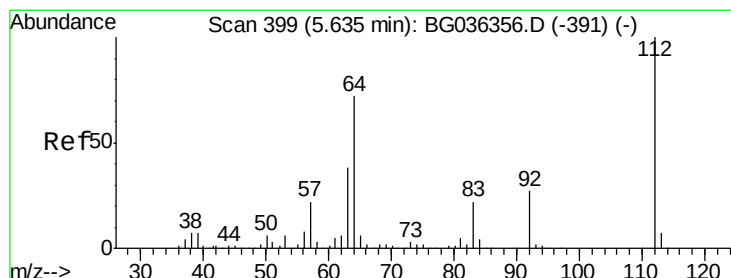
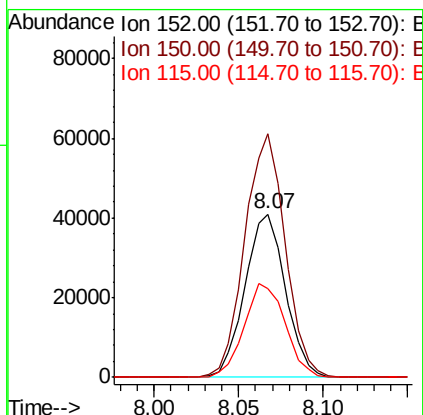
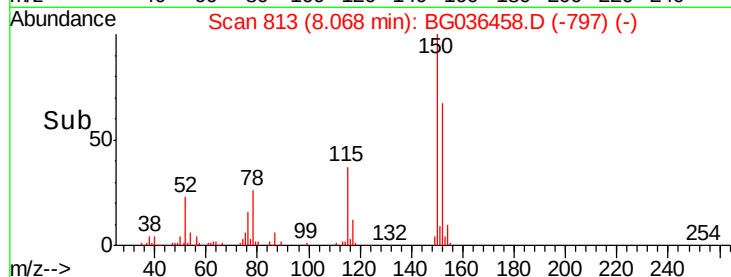


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

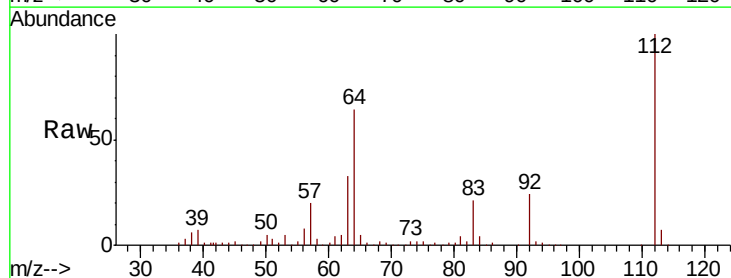
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.640 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	57.2	85.8
63	32.8	30.8	46.2

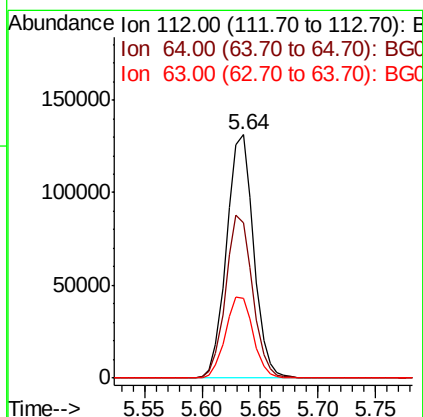
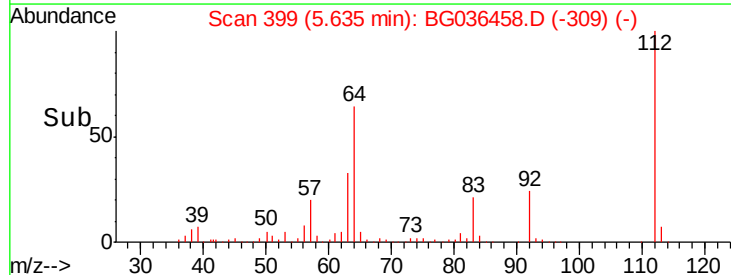


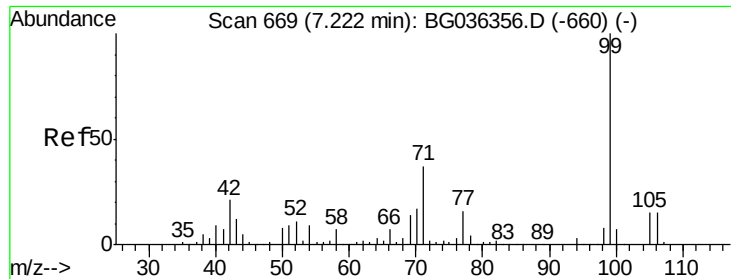
Abundance

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: 29.867 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Instrument :

BNA_F

ClientSampled :

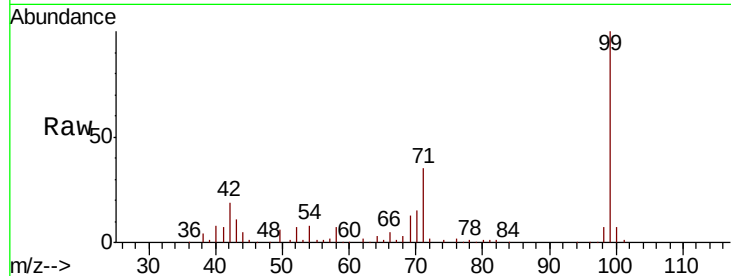
Tot Ion: 99 Resp: 183520

Ion Ratio Lower Upper

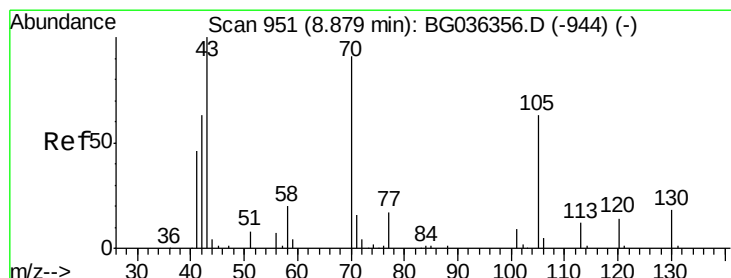
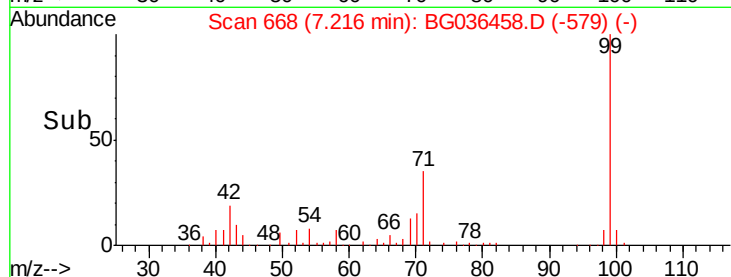
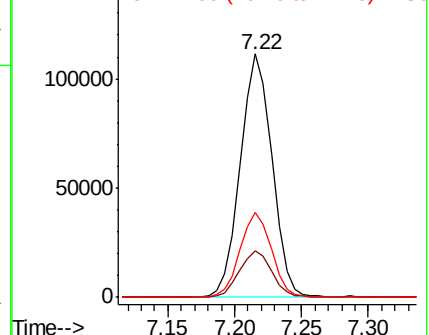
99 100

42 19.1 16.5 24.7

71 35.0 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: 15.219 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036458.D

Acq: 28 Aug 2018 9:54

Tgt Ion: 70 Resp: 69891

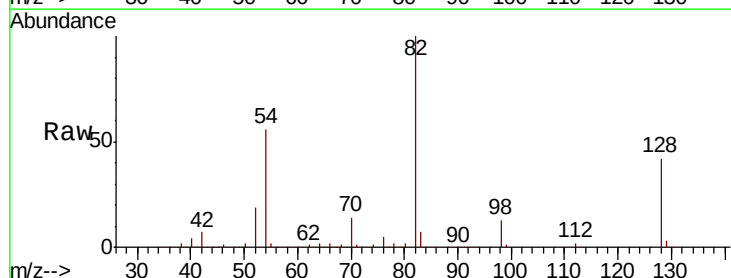
Ion Ratio Lower Upper

70 100

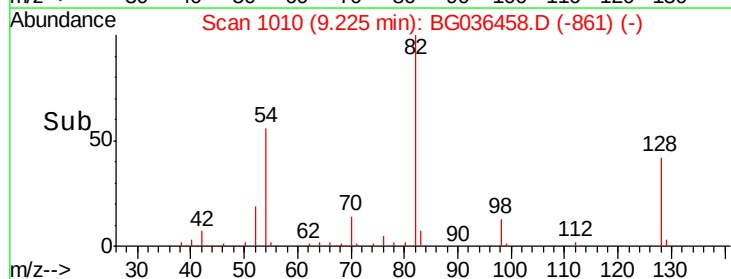
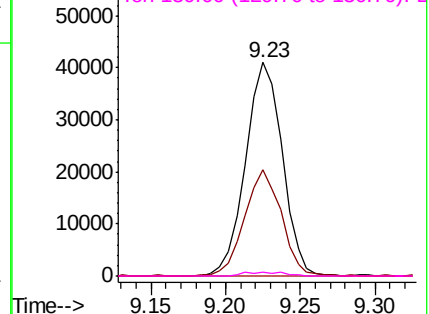
42 49.5 56.2 84.4#

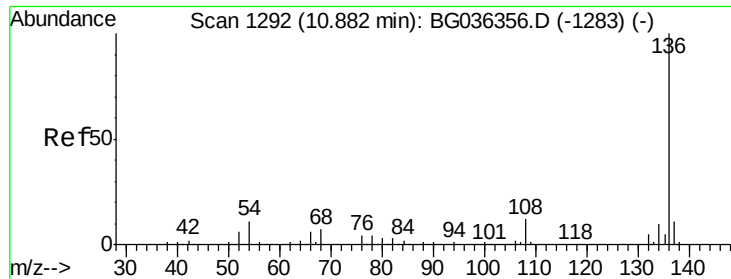
101 0.0 7.8 11.6#

130 1.7 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

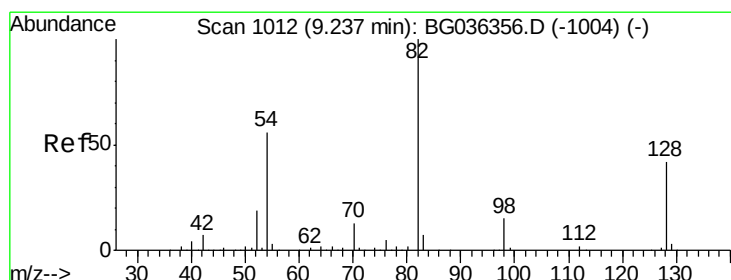
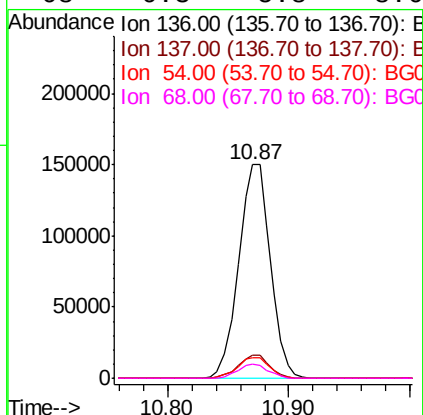
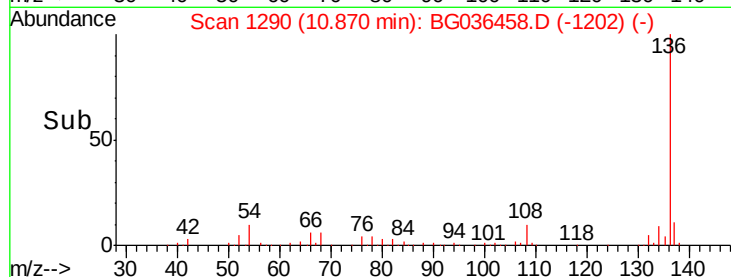
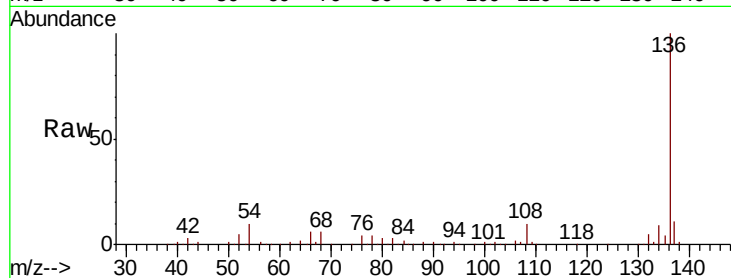




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

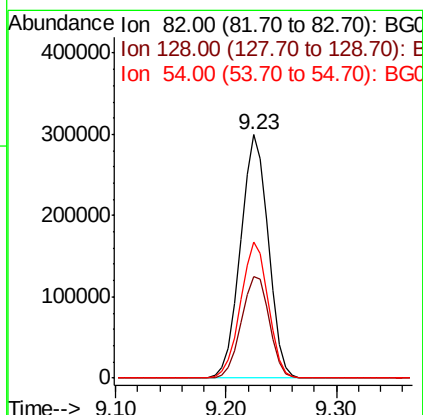
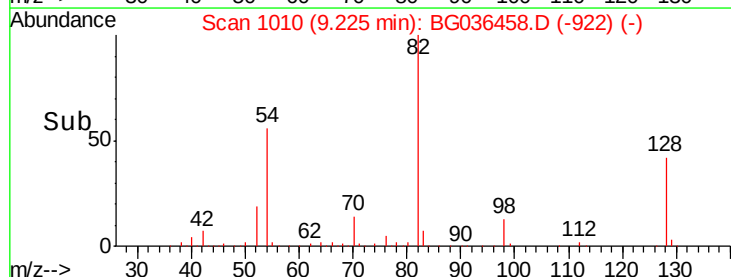
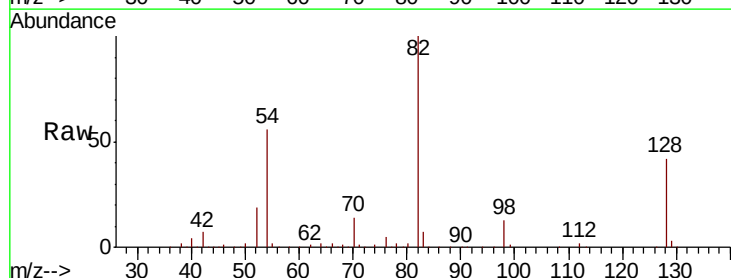
Instrument :
BNA_F
ClientSampleId :

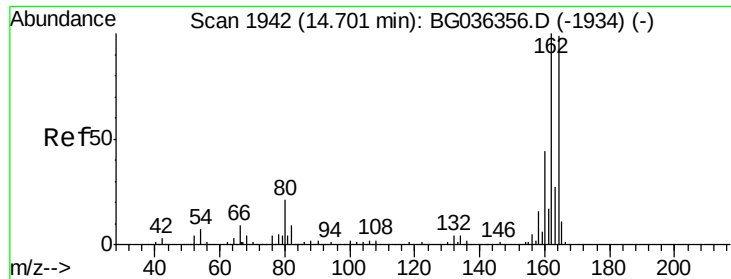
Tot Ion:136	Resp:	274141
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	9.9	9.2 13.8
68	6.3	5.8 8.6



#23
Nitrobenzene-d5
Concen: 104.814 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion: 82	Resp:	529588
Ion	Ratio	Lower Upper
82	100	
128	41.6	33.3 49.9
54	55.9	45.1 67.7

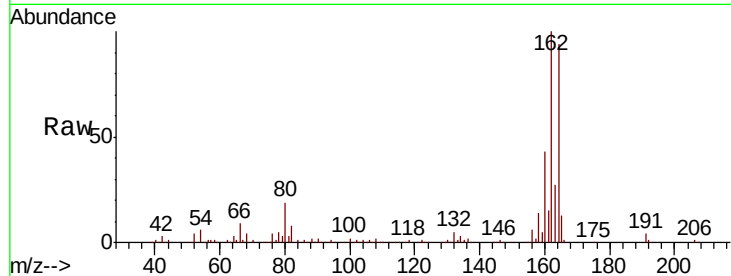




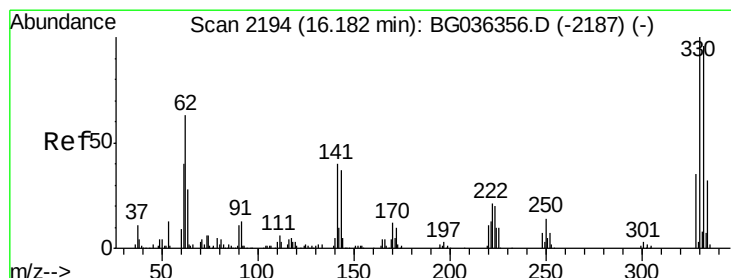
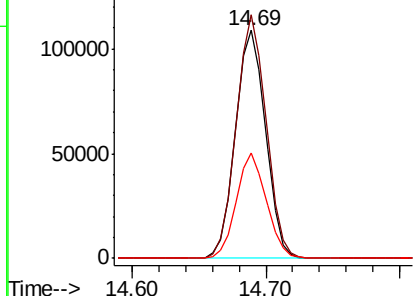
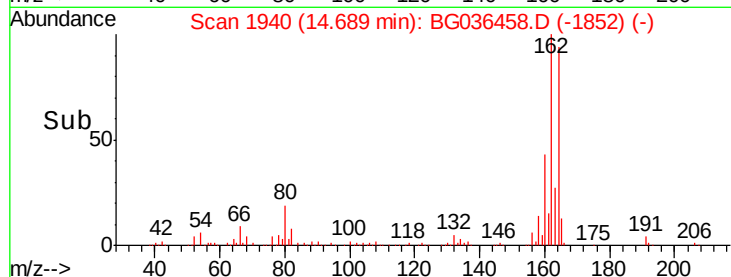
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 170573
Ion Ratio Lower Upper
164 100
162 106.7 80.7 121.1
160 46.0 35.3 52.9

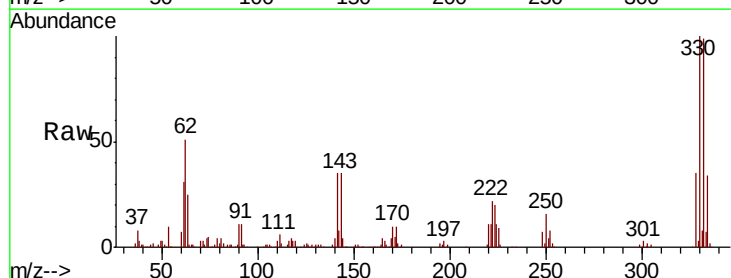


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

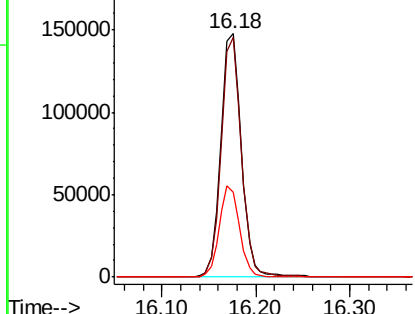
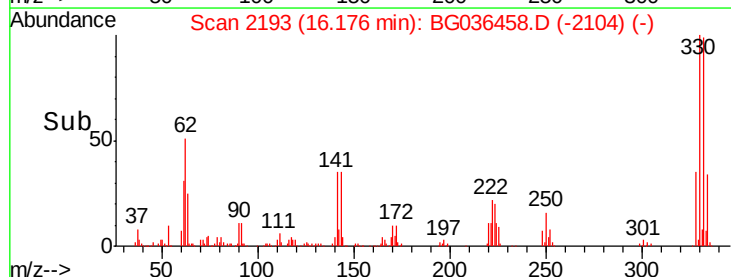


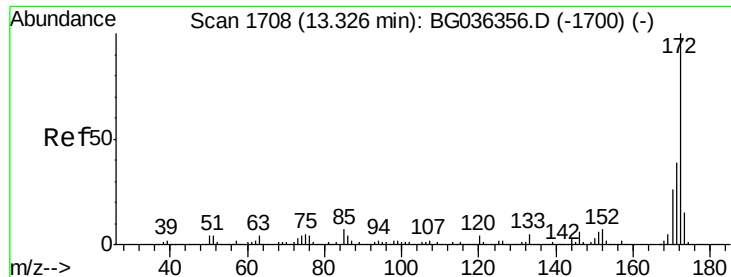
#41
2,4,6-Tribromophenol
Concen: 111.205 ng
RT: 16.18 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion:330 Resp: 226337
Ion Ratio Lower Upper
330 100
332 96.6 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

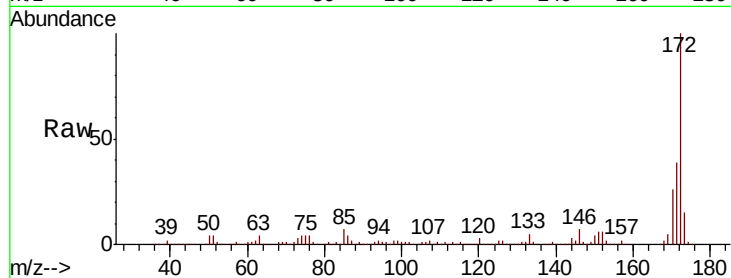




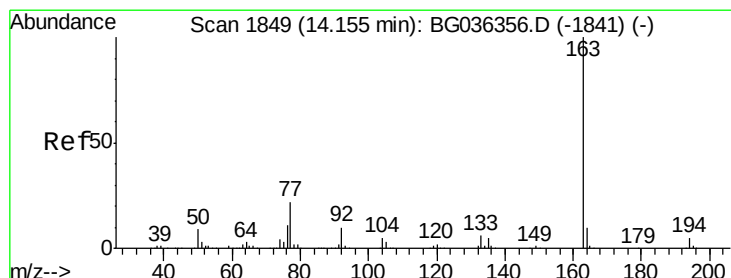
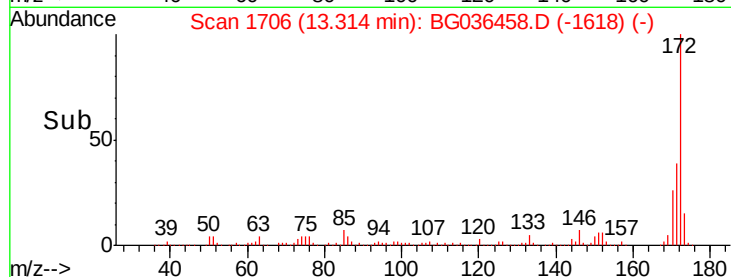
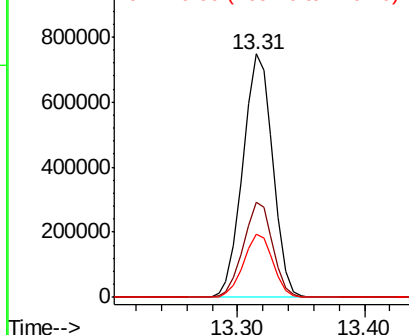
#44
2-Fluorobiphenyl
Concen: 102.399 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1223300
Ion Ratio Lower Upper
172 100
171 38.9 31.3 46.9
170 26.1 21.0 31.6

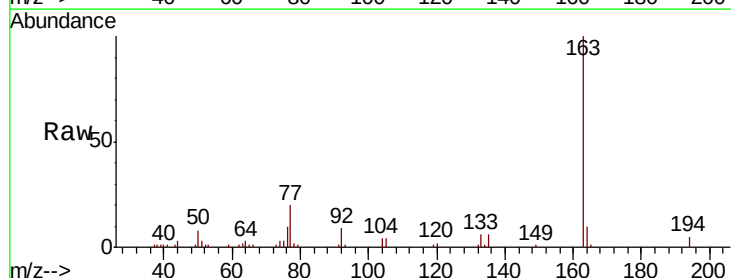


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

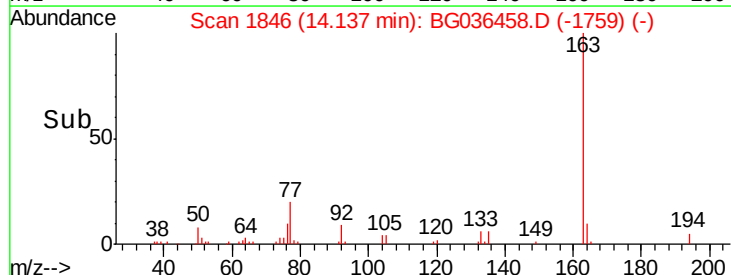
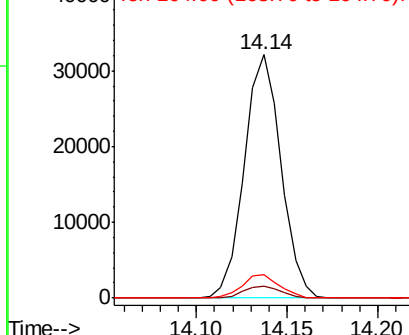


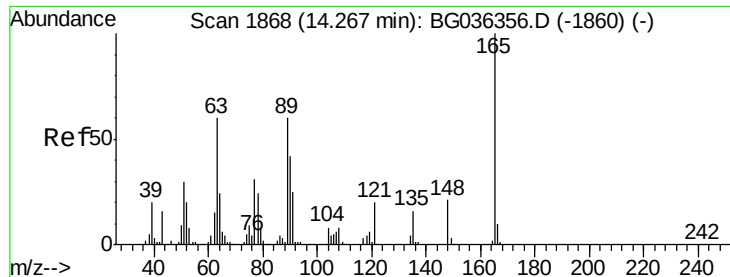
#49
Dimethylphthalate
Concen: 3.242 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion:163 Resp: 45156
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 9.8 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

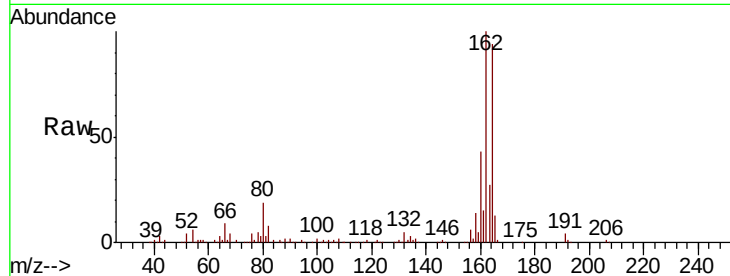




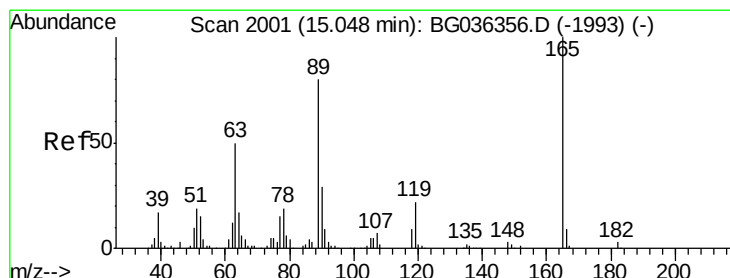
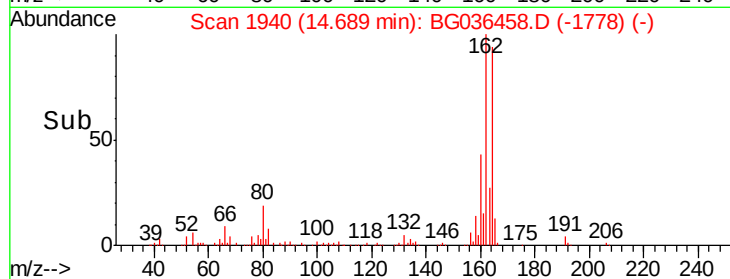
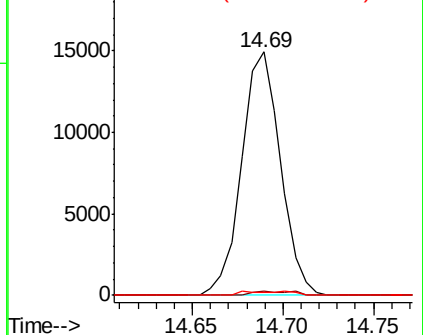
#50
2,6-Dinitrotoluene
Concen: 7.732 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 22160
Ion Ratio Lower Upper
165 100
63 1.8 50.1 75.1#
89 1.3 47.8 71.6#

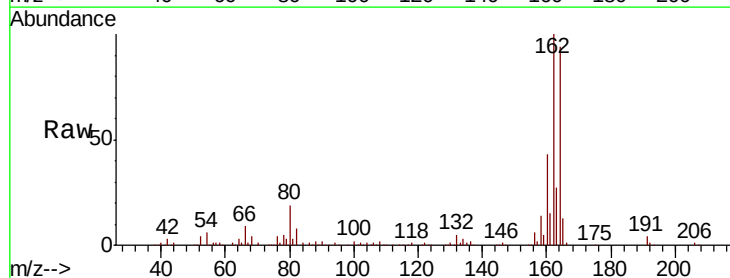


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

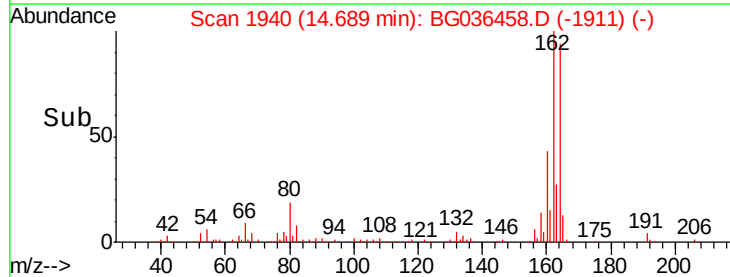
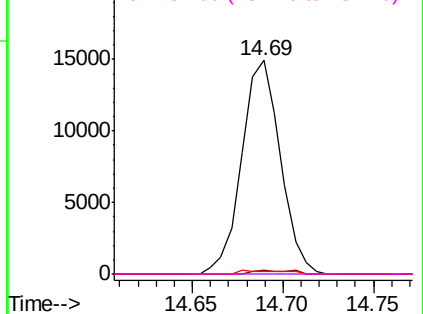


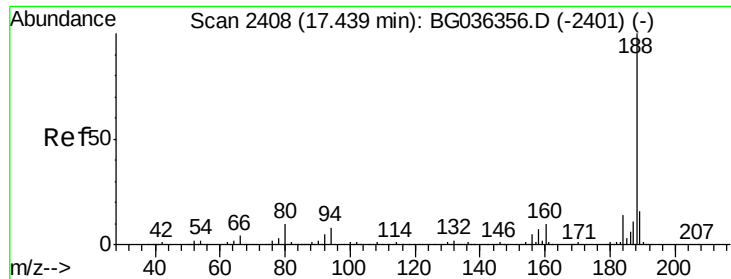
#56
2,4-Dinitrotoluene
Concen: 5.933 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion:165 Resp: 22160
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 1.3 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

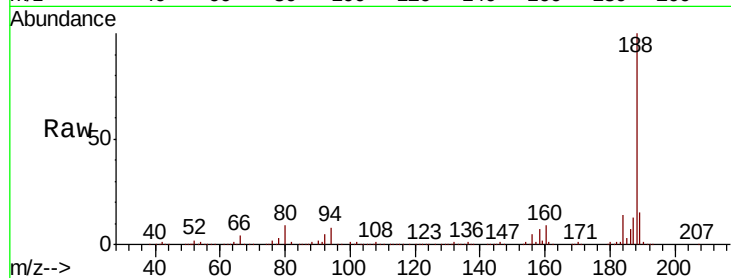




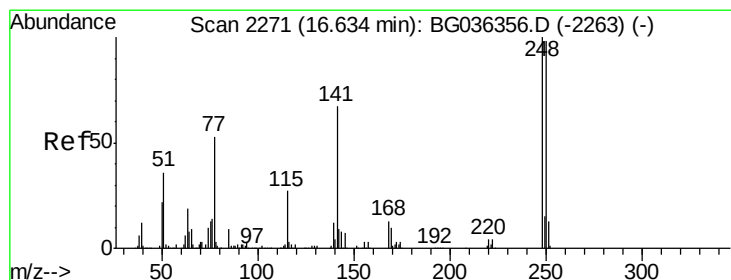
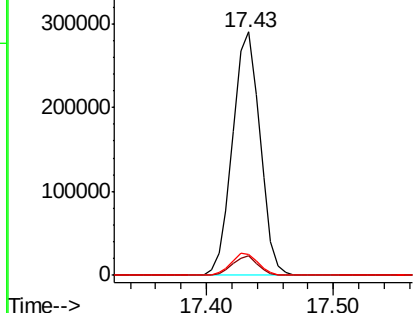
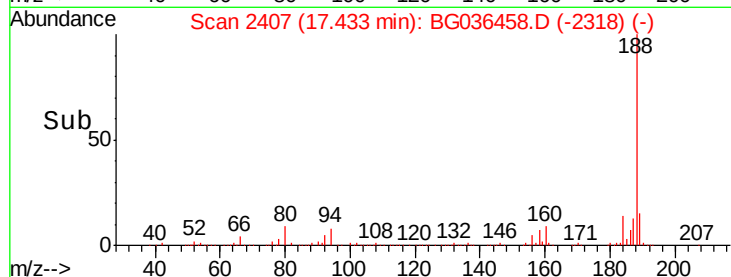
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036458.D
 Acq: 28 Aug 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 433541
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.7 10.1
 80 8.7 8.1 12.1

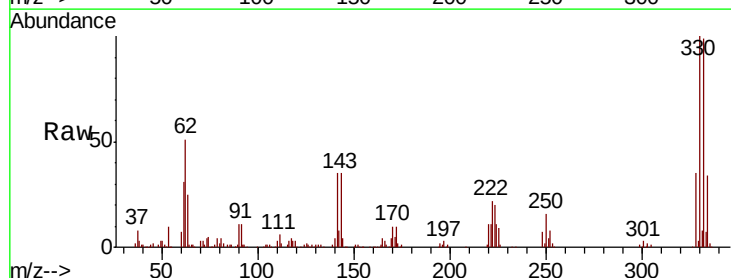


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

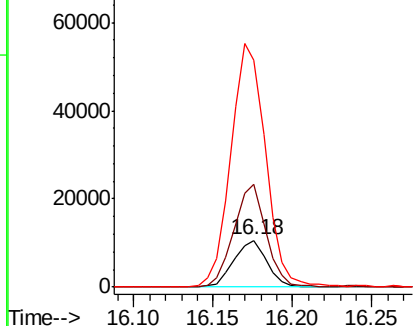
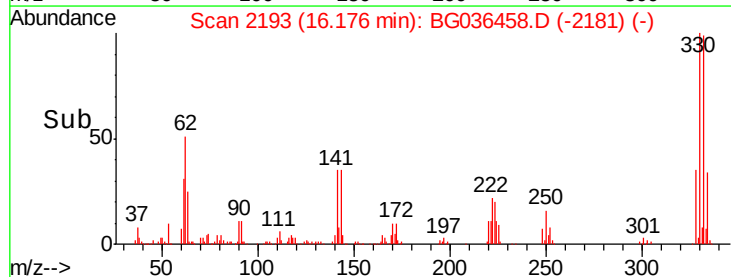


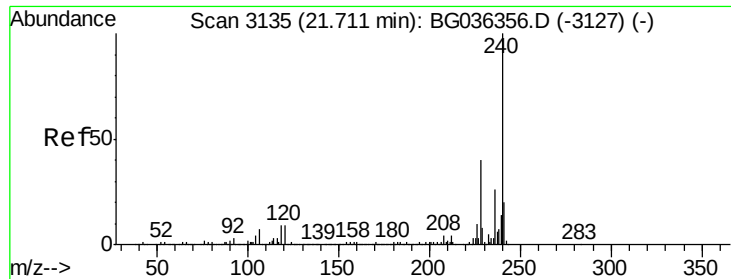
#66
 4-Bromophenyl-phenylether
 Concen: 3.044 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036458.D
 Acq: 28 Aug 2018 9:54

Tgt Ion:248 Resp: 15451
 Ion Ratio Lower Upper
 248 100
 250 218.9 78.1 117.1#
 141 483.6 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

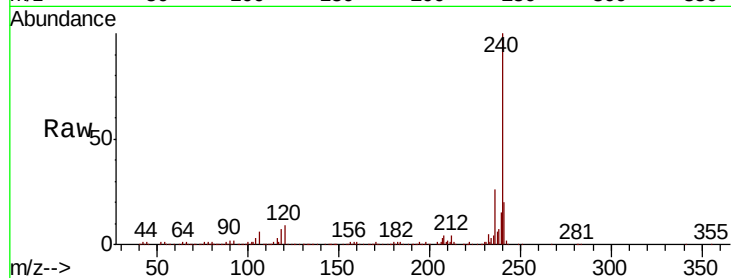




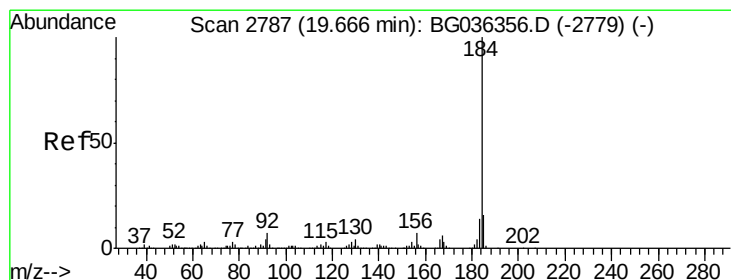
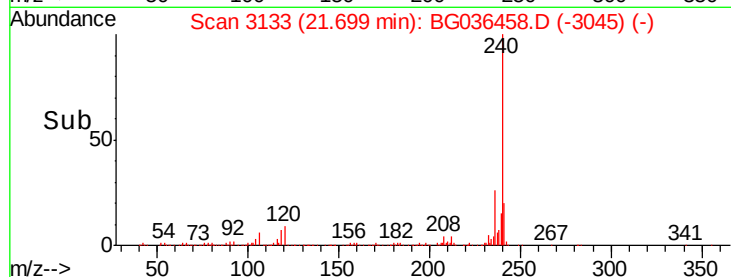
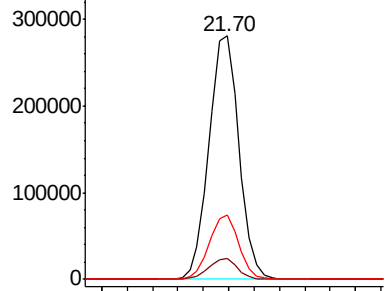
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 459636
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 26.3 21.2 31.8

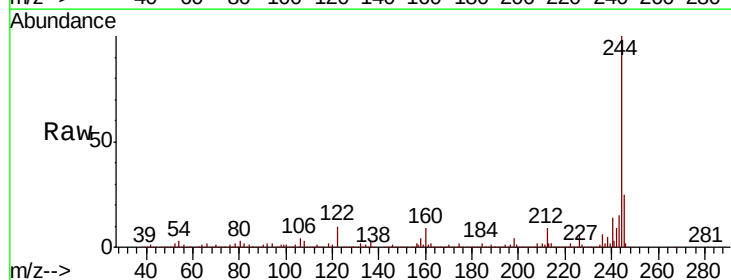


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

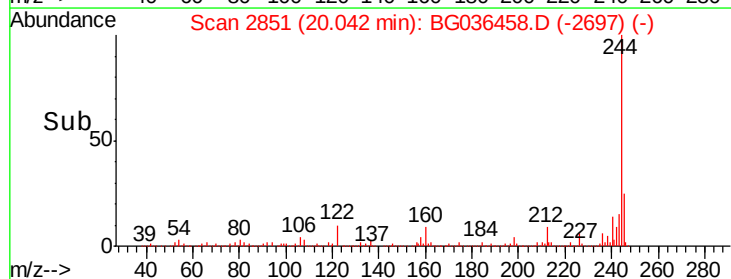
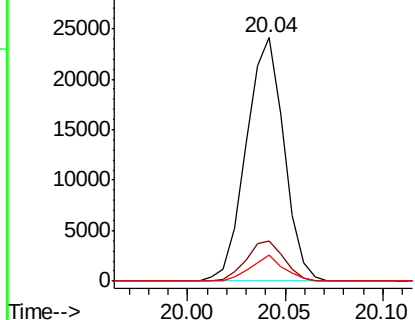


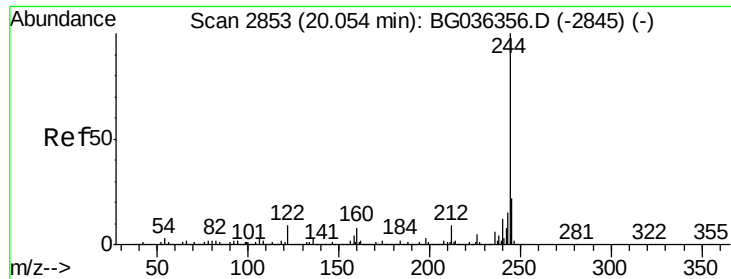
#76
Benzidine
Concen: 2.190 ng
RT: 20.04 min Scan# 2851
Delta R.T. 0.38 min
Lab File: BG036458.D
Acq: 28 Aug 2018 9:54

Tgt Ion:184 Resp: 32119
Ion Ratio Lower Upper
184 100
185 16.6 12.6 18.8
183 10.6 10.9 16.3#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



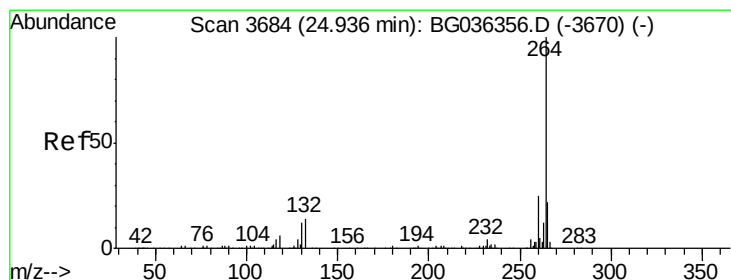
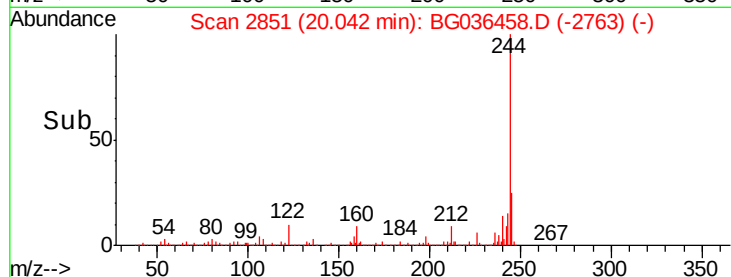
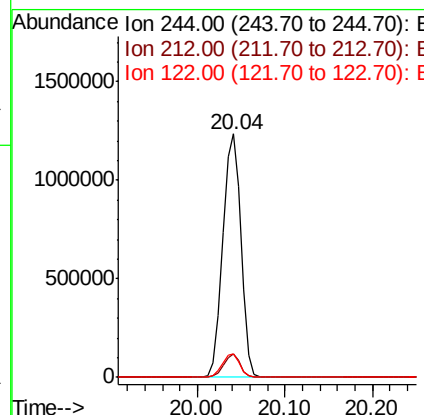
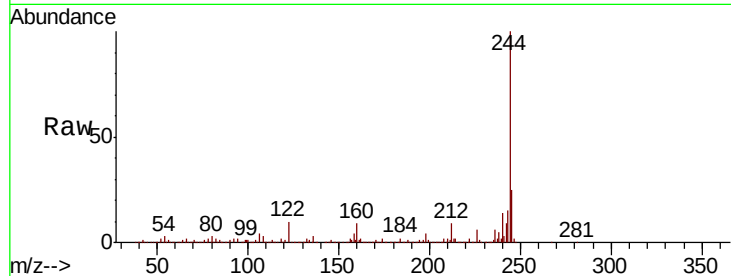


#78
 Terphenyl-d14
 Concen: 90.779 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG036458.D
 Acq: 28 Aug 2018 9:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1785156

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.02 min
 Lab File: BG036458.D
 Acq: 28 Aug 2018 9:54

Tgt Ion:264 Resp: 466553

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.0	17.4	26.0

