

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036571.D
 Acq On : 6 Sep 2018 16:12
 Operator : JU/SJ
 Sample : J4781-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 17:23:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

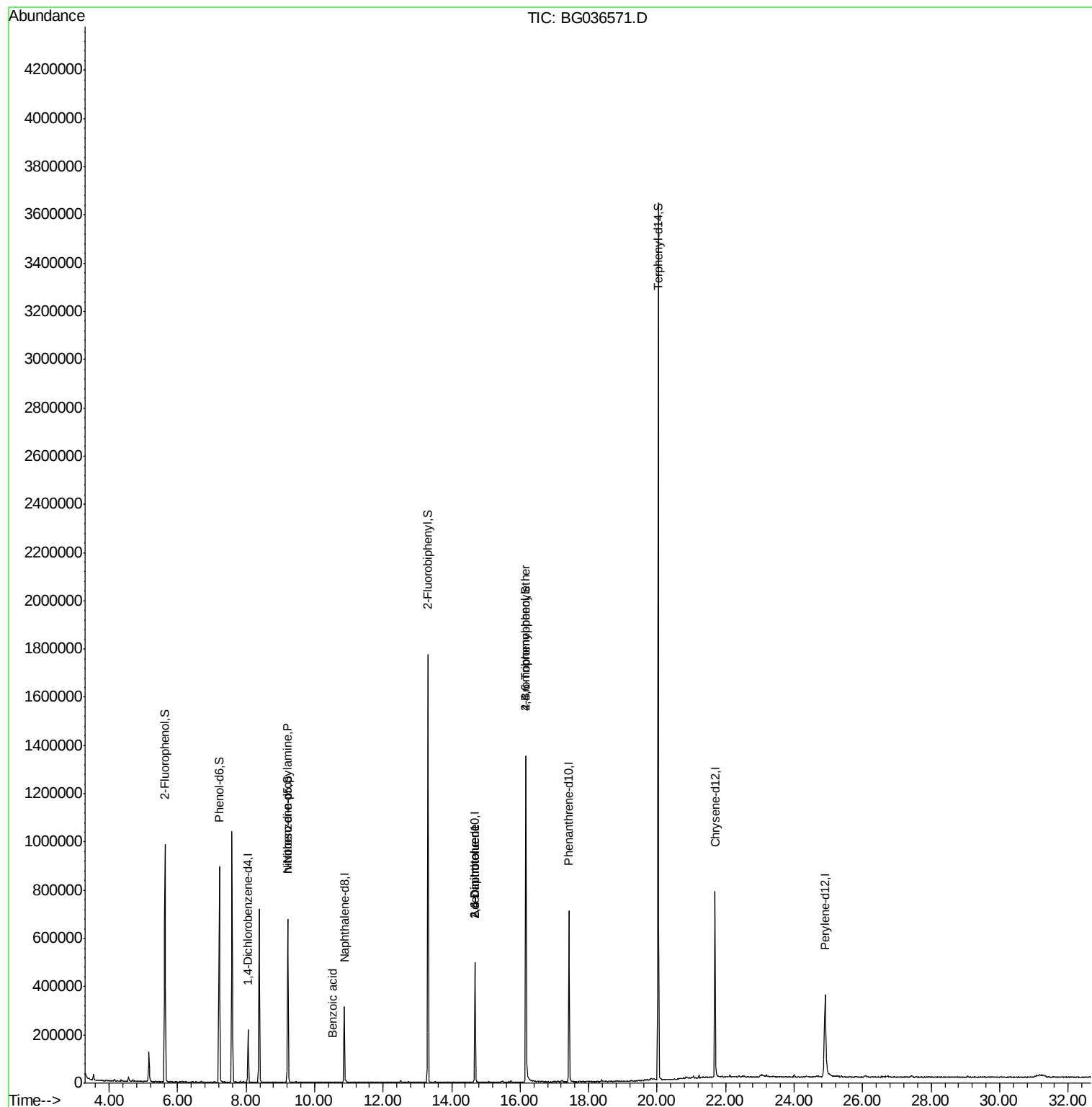
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61544	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	266483	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	178052	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	460568	20.00	ng	0.00
75) Chrysene-d12	21.69	240	486739	20.00	ng	0.00
86) Perylene-d12	24.90	264	469317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421308	108.59	ng	0.00
7) Phenol-d6	7.21	99	536374	96.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	412825	84.05	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	278937	131.29	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	925354	74.21	ng	0.00
78) Terphenyl-d14	20.03	244	1703538	81.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	54363	13.095	ng	# 70
32) Benzoic acid	10.53	122	54	4.496	ng	# 1
50) 2,6-Dinitrotoluene	14.68	165	23029	7.698	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	23029	5.906	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	18991	3.522	ng	# 1

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

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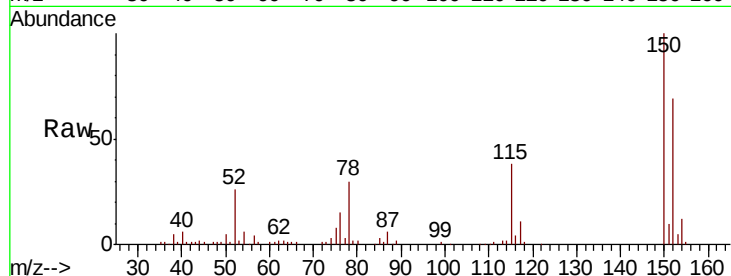


#1

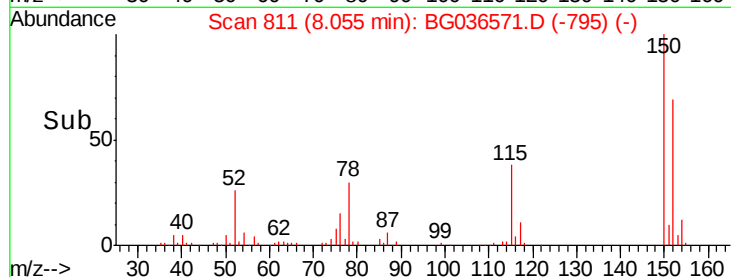
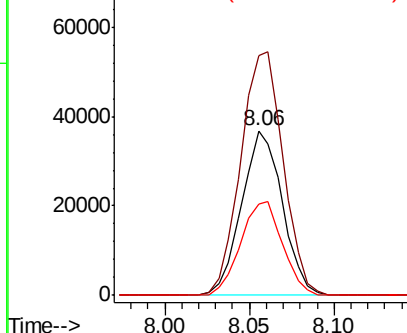
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61544
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 55.8 44.5 66.7



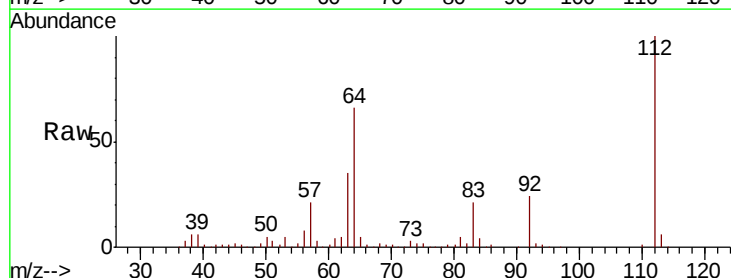
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



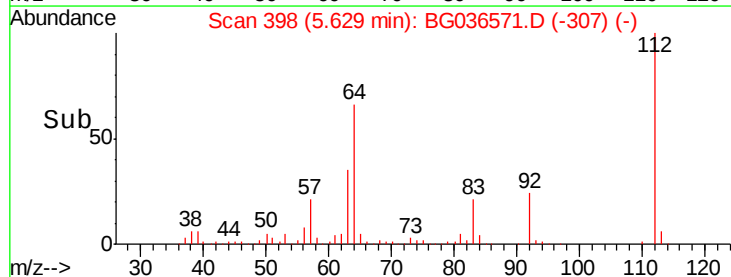
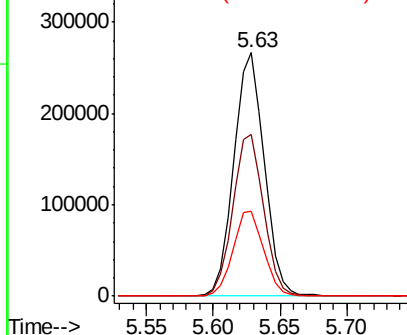
#5

2-Fluorophenol
Concen: 108.592 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion:112 Resp: 421308
Ion Ratio Lower Upper
112 100
64 66.2 57.2 85.8
63 35.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.560 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

Instrument :

BNA_F

ClientSampleId :

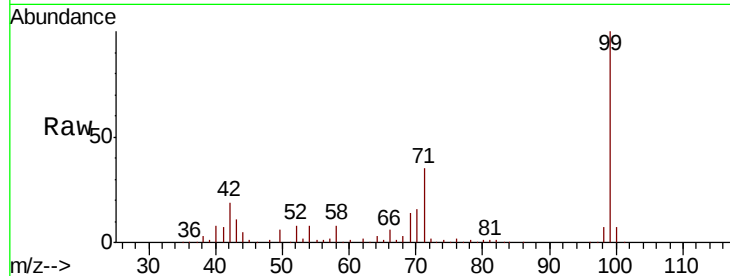
Tot Ion: 99 Resp: 536374

Ion Ratio Lower Upper

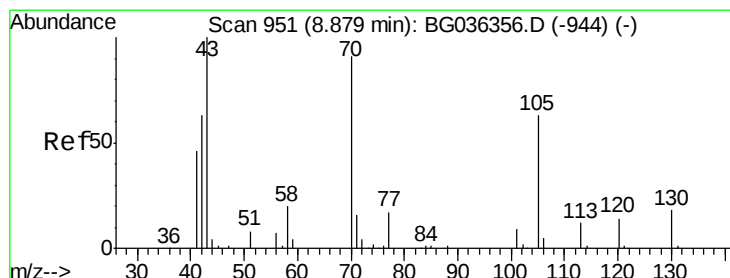
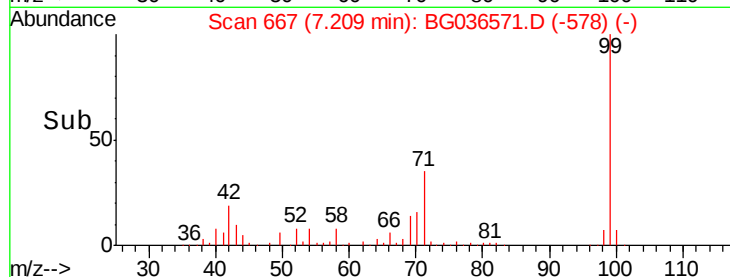
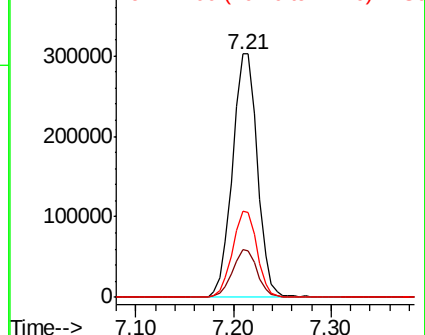
99 100

42 19.5 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: 13.095 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

Tgt Ion: 70 Resp: 54363

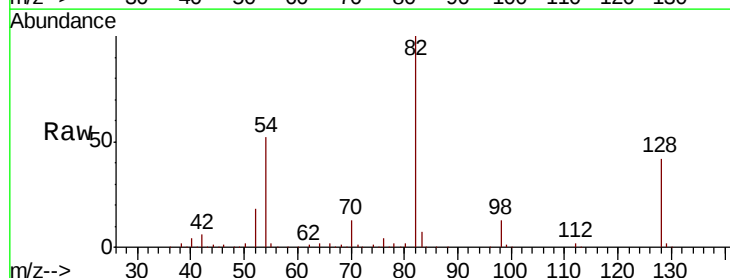
Ion Ratio Lower Upper

70 100

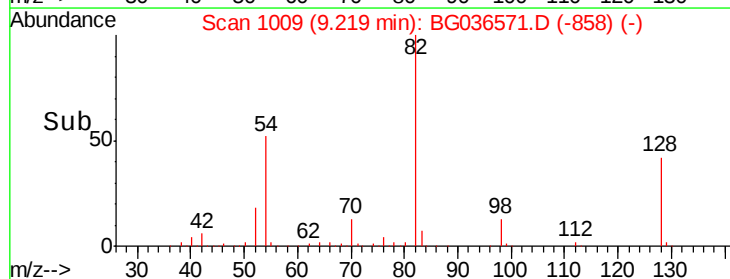
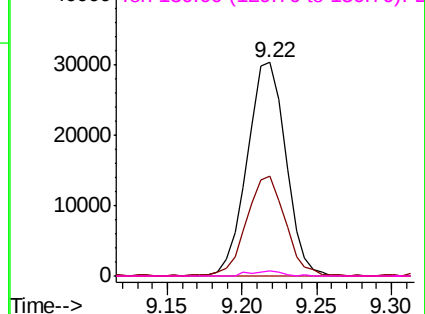
42 46.9 56.2 84.4#

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

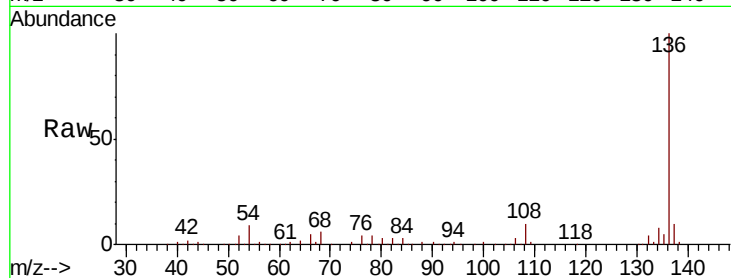




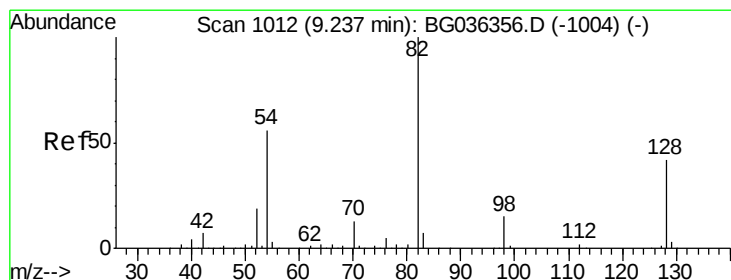
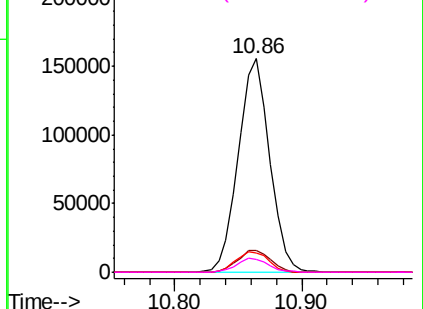
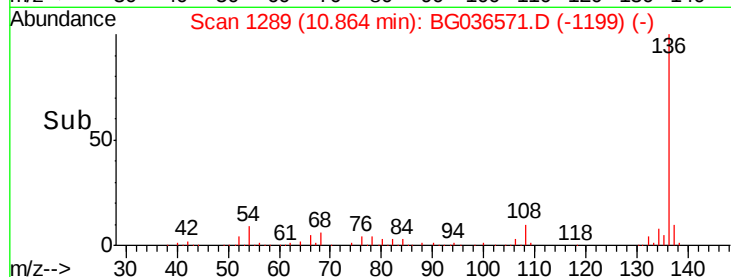
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	266483
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.8 13.2
54	9.0	9.2 13.8
68	6.0	5.8 8.6

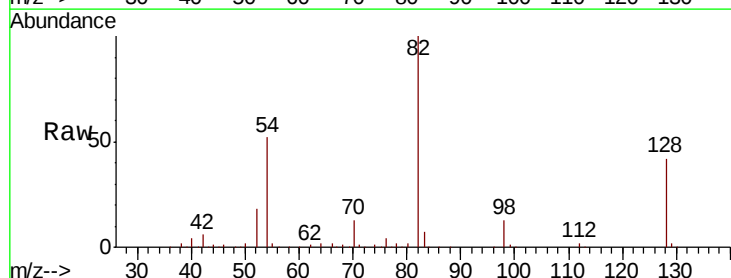


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

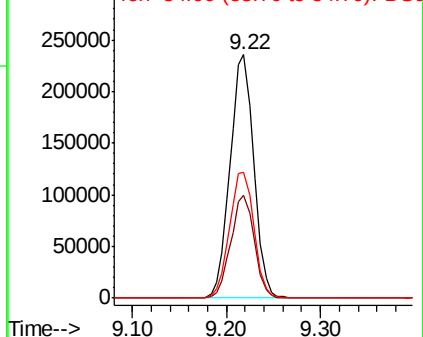
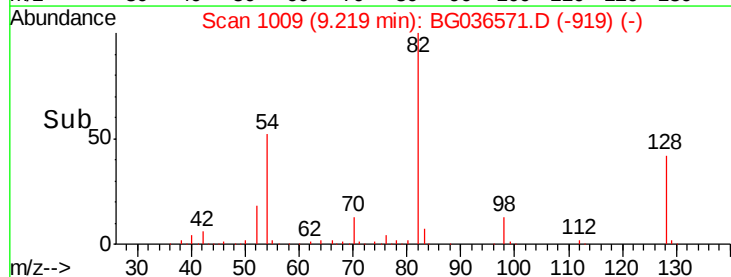


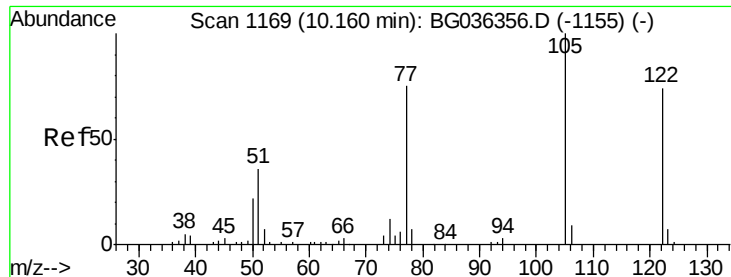
#23
Nitrobenzene-d5
Concen: 84.052 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion: 82	Resp:	412825
Ion	Ratio	Lower Upper
82	100	
128	42.5	33.3 49.9
54	51.9	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

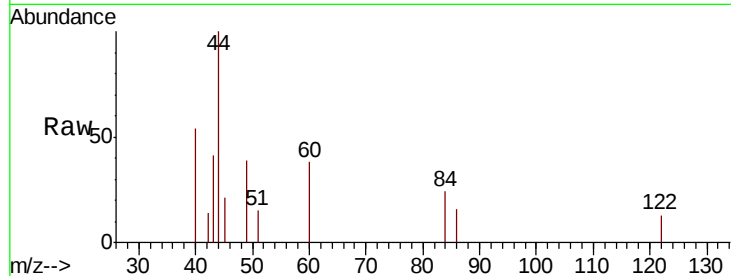




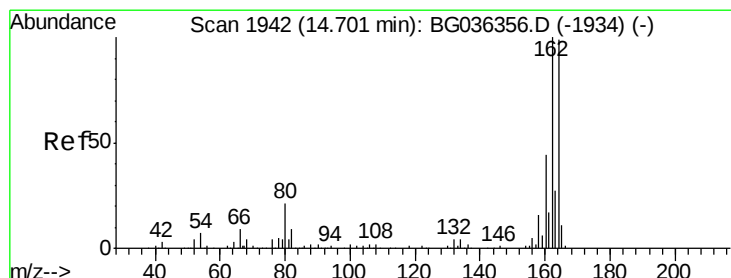
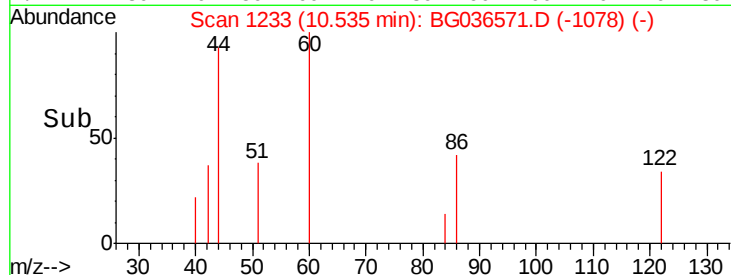
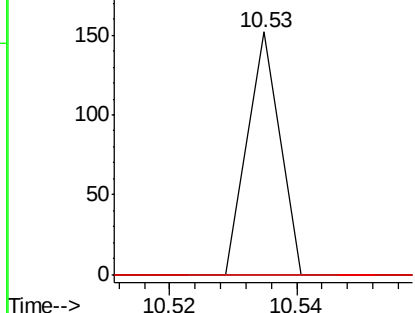
#32
Benzoic acid
Concen: 4.496 ng
RT: 10.53 min Scan# 1233
Delta R.T. 0.38 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 0.0 76.3 116.3#

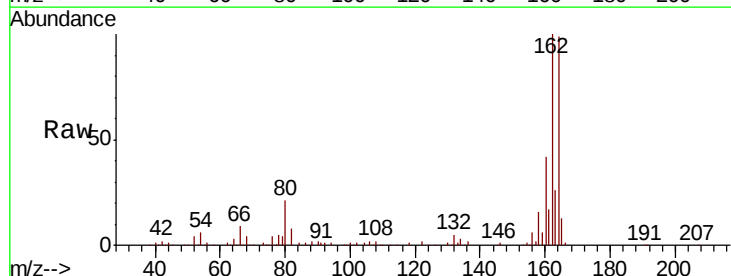


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

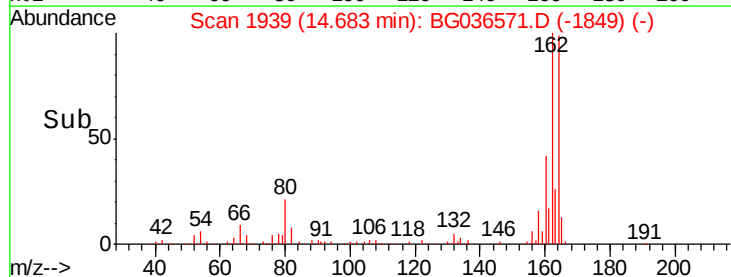
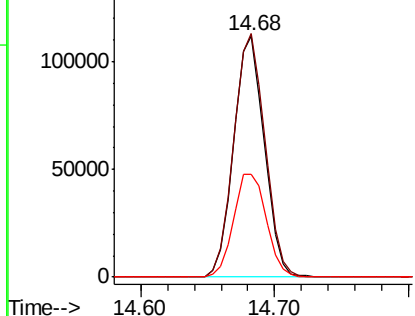


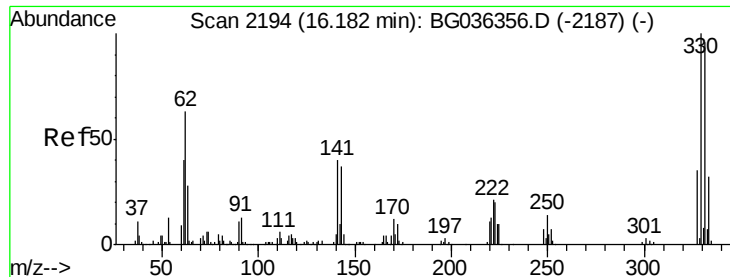
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion:164 Resp: 178052
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 42.7 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

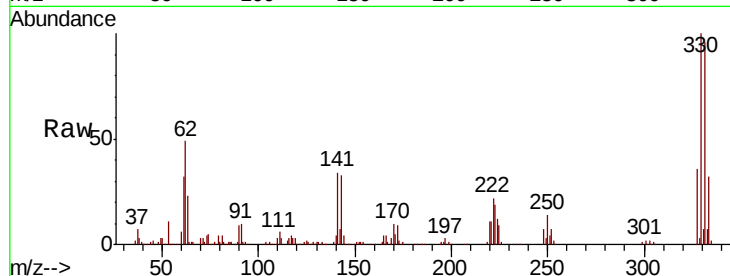




#41
 2,4,6-Tribromophenol
 Concen: 131.292 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	35.1	30.7	46.1

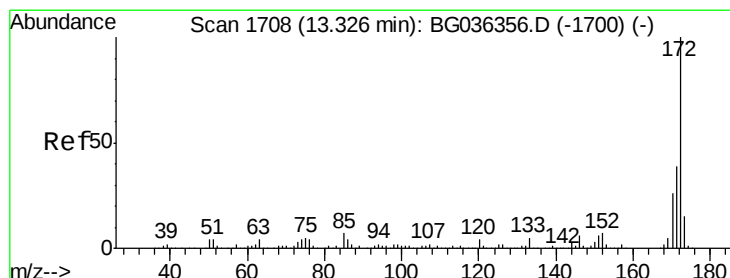
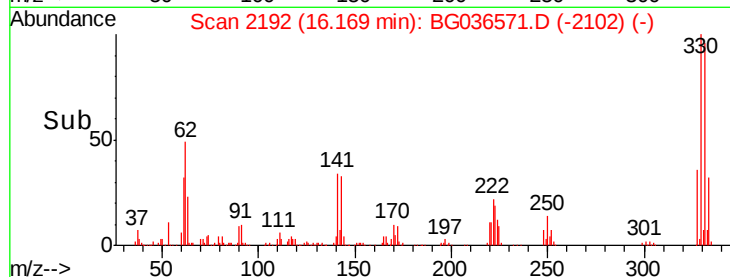
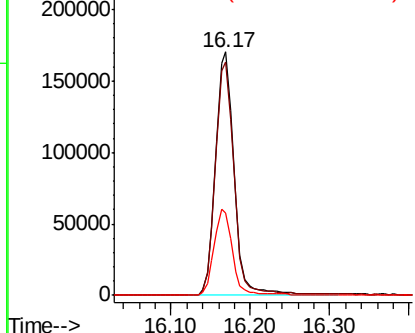


Abundance

Ion 329.80 (329.50 to 330.50): E

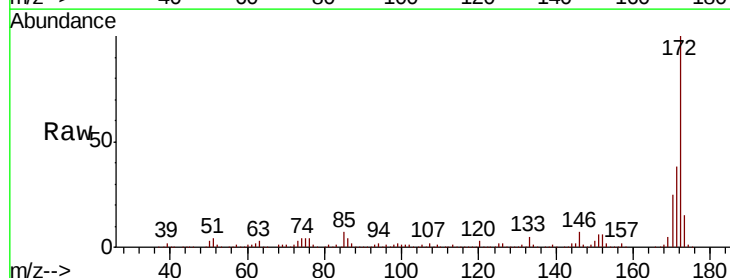
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.205 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	25.2	21.0	31.6

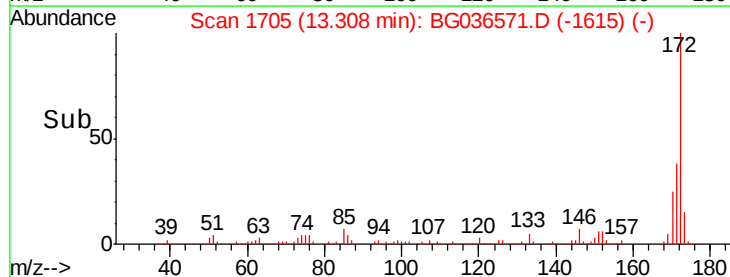
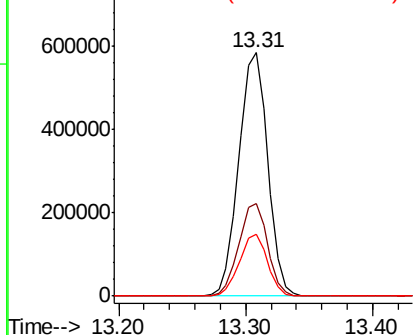


Abundance

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

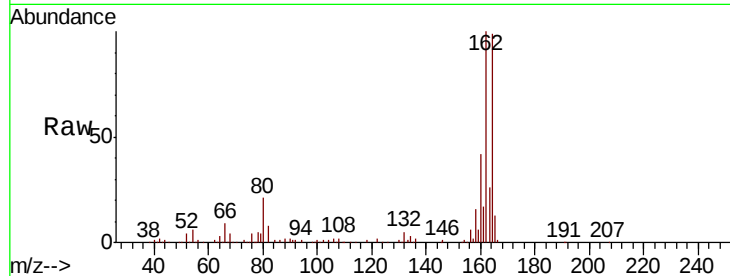




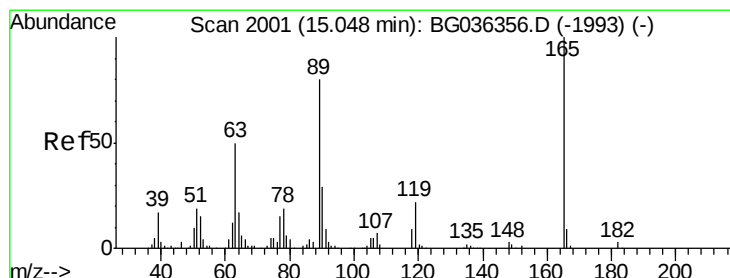
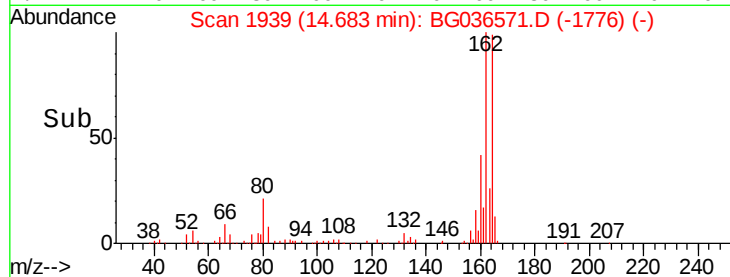
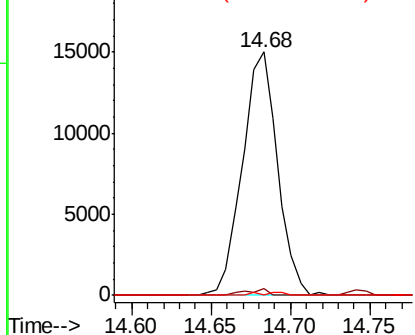
#50
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 23029
Ion Ratio Lower Upper
165 100
63 2.7 50.1 75.1#
89 0.0 47.8 71.6#

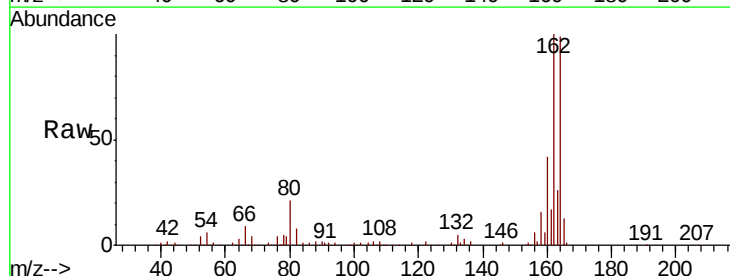


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

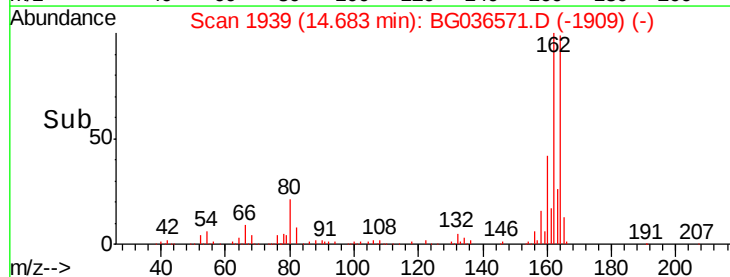
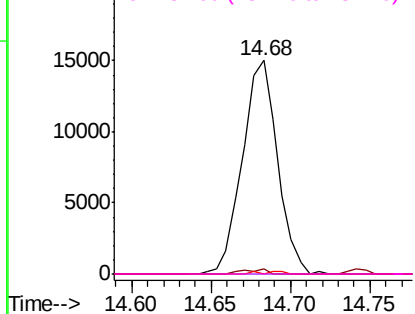


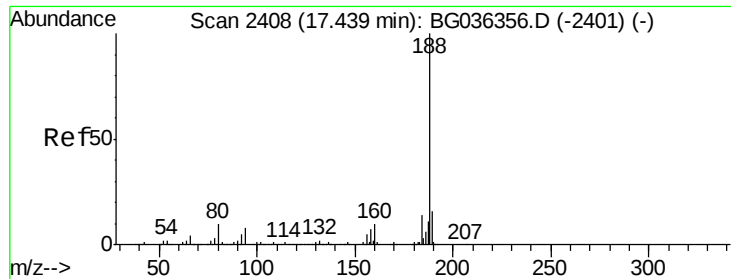
#56
2,4-Dinitrotoluene
Concen: 5.906 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.35 min
Lab File: BG036571.D
Acq: 6 Sep 2018 16:12

Tgt Ion:165 Resp: 23029
Ion Ratio Lower Upper
165 100
63 2.7 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

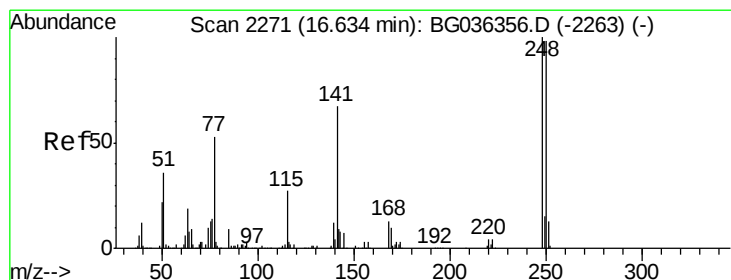
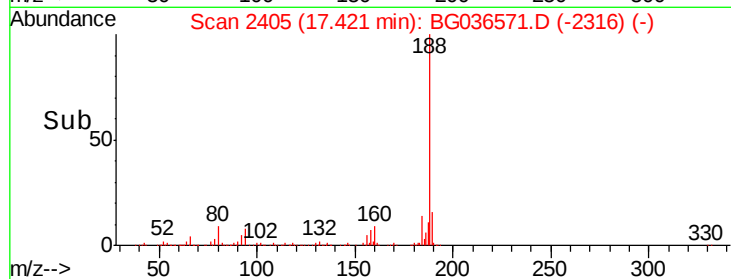
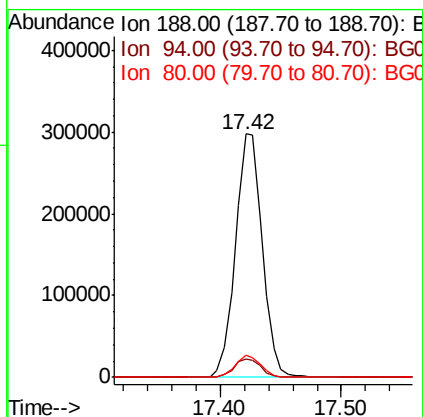
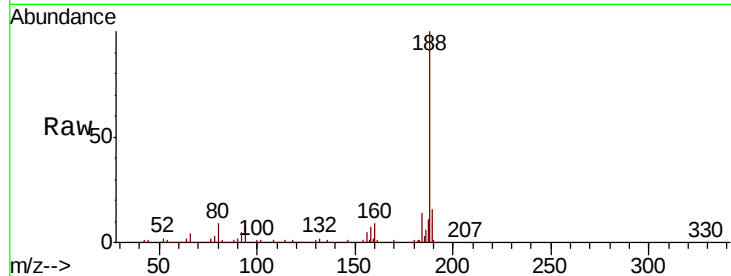




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

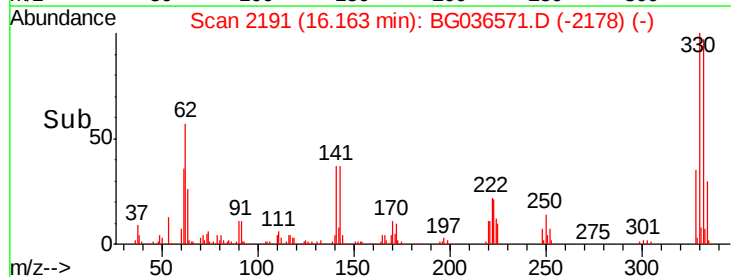
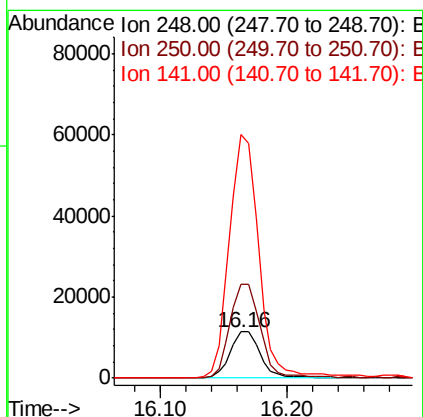
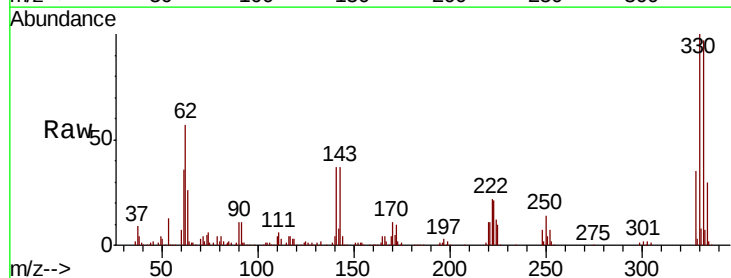
Instrument :
 BNA_F
 ClientSampleId :

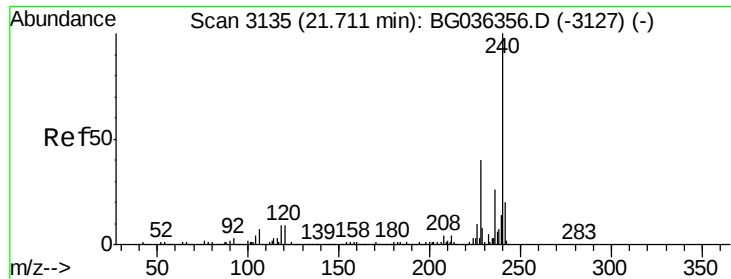
Tot Ion:188 Resp: 460568
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.7 10.1
 80 9.0 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.522 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Tgt Ion:248 Resp: 18991
 Ion Ratio Lower Upper
 248 100
 250 203.8 78.1 117.1#
 141 526.8 53.7 80.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

Instrument :

BNA_F

ClientSampleId :

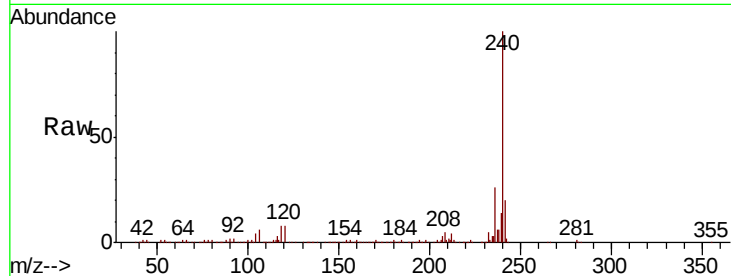
Tot Ion:240 Resp: 486739

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

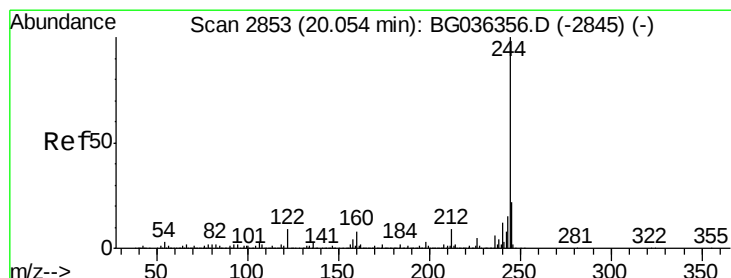
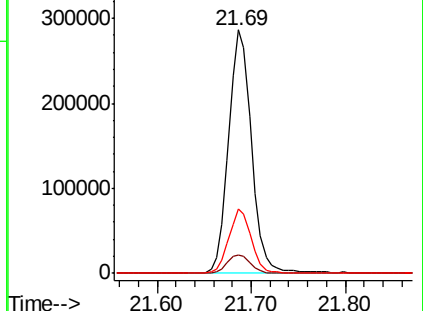
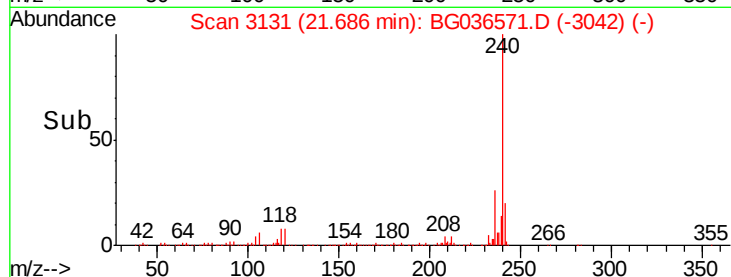
236 26.3 21.2 31.8



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: 81.805 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036571.D

Acq: 6 Sep 2018 16:12

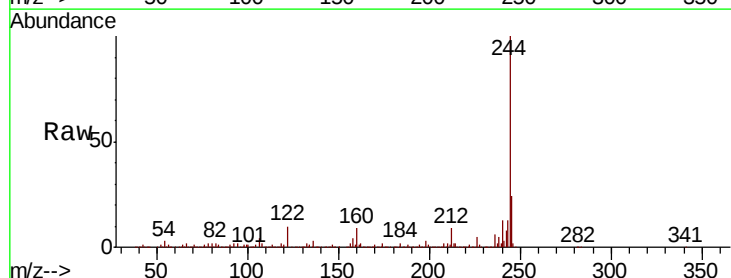
Tgt Ion:244 Resp: 1703538

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

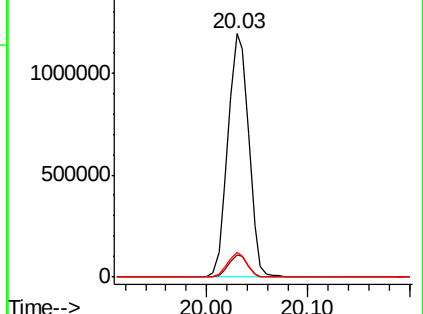
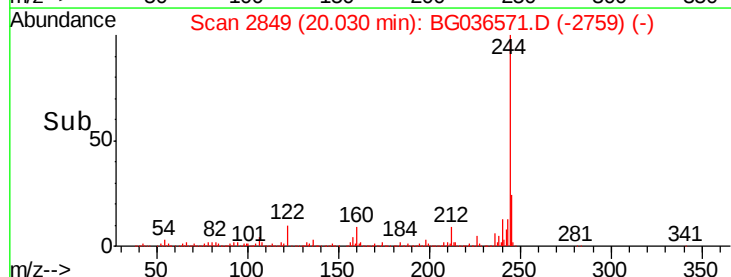
122 10.0 7.1 10.7

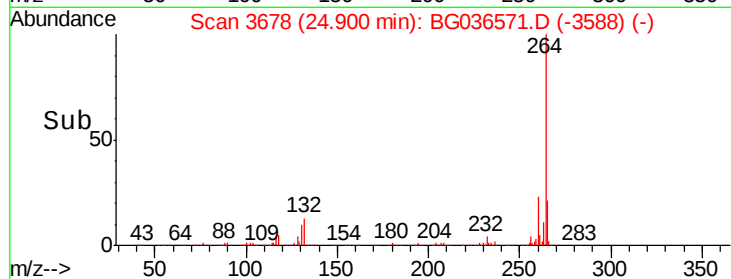
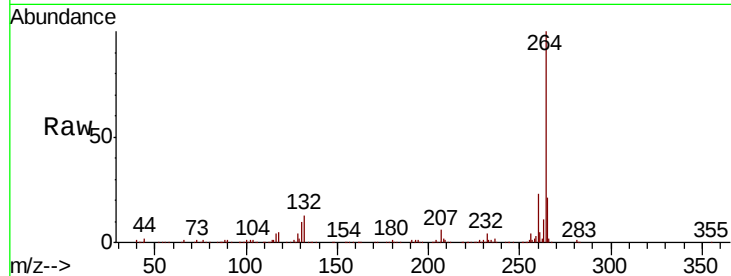
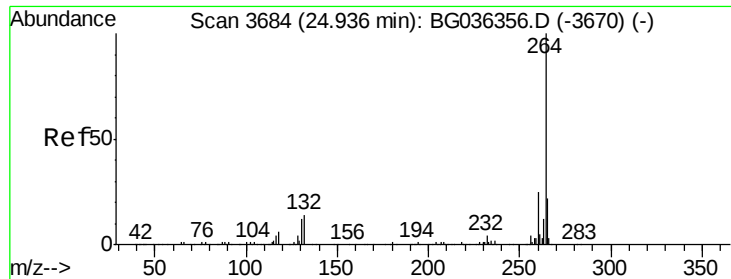


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036571.D
 Acq: 6 Sep 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	20.9	17.4	26.0

