

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036566.D
 Acq On : 5 Sep 2018 18:37
 Operator : JU/SJ
 Sample : J4741-27
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 02:44:35 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	57231	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	237976	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	154601	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	409411	20.00	ng	0.00
75) Chrysene-d12	21.69	240	442723	20.00	ng	0.00
86) Perylene-d12	24.90	264	440007	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	261195	72.40	ng	0.00
7) Phenol-d6	7.21	99	241397	46.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	370988	84.58	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	270792	146.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	856257	79.08	ng	0.00
78) Terphenyl-d14	20.03	244	1515655	80.02	ng	0.00

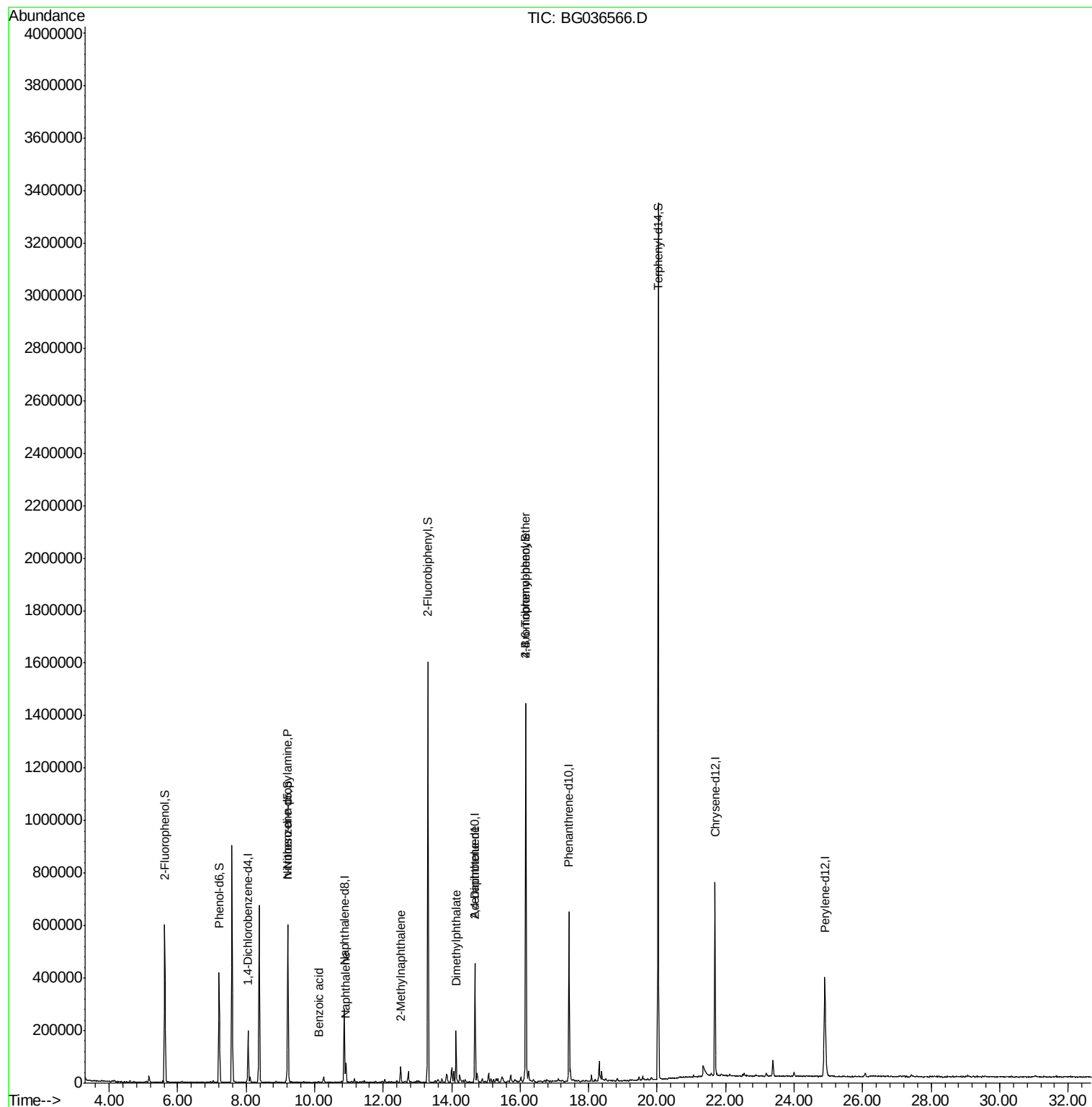
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	49164	12.735	ng	# 72
31) Naphthalene	10.91	128	47106	3.960	ng	97
32) Benzoic acid	10.12	122	60	4.500	ng	# 36
37) 2-Methylnaphthalene	12.51	142	30799	3.538	ng	98
49) Dimethylphthalate	14.12	163	127860	10.128	ng	98
56) 2,4-Dinitrotoluene	14.68	165	21150	6.247	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	20139	4.201	ng	# 1

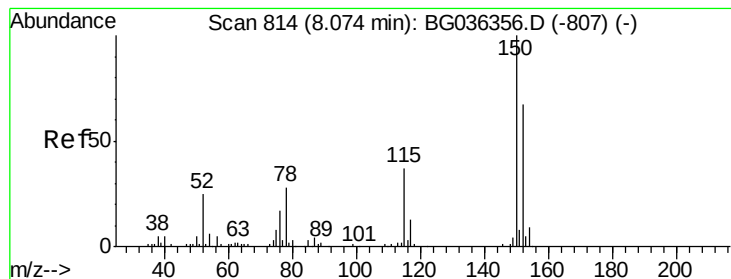
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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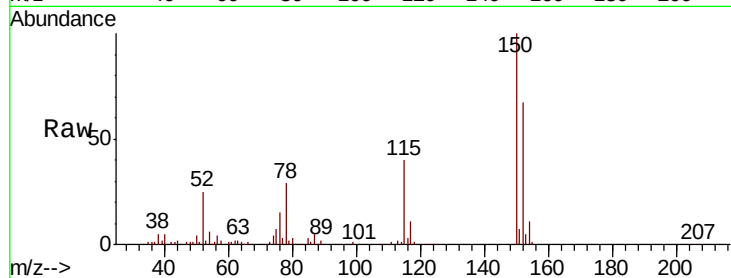


#1

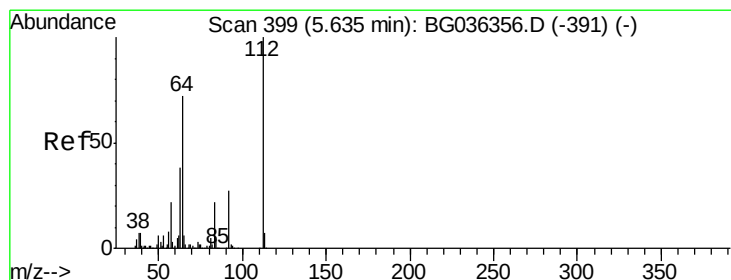
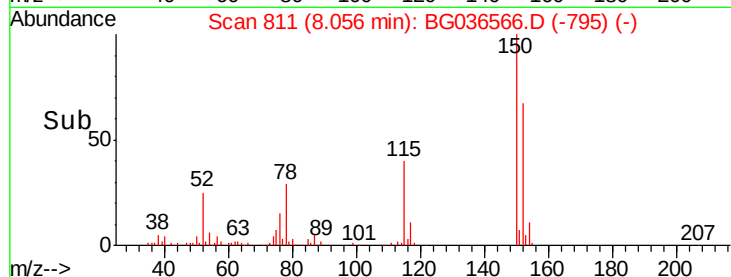
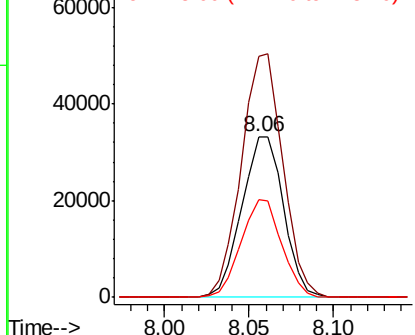
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57231
Ion Ratio Lower Upper
152 100
150 150.1 119.5 179.3
115 60.4 44.5 66.7



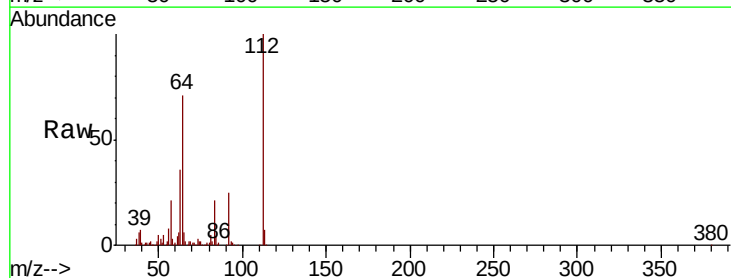
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



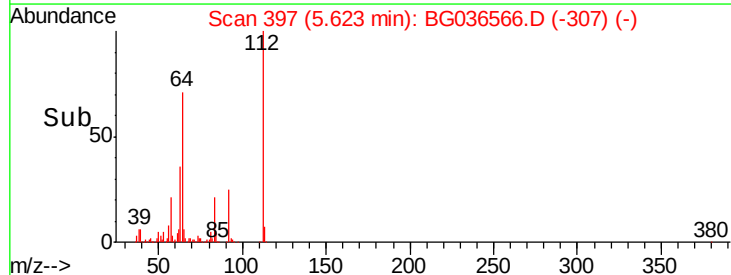
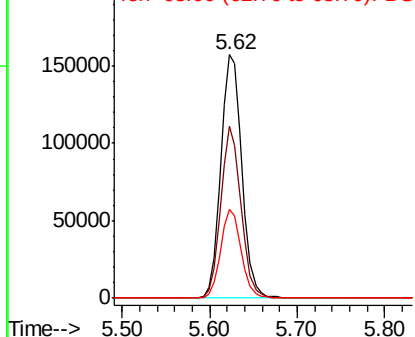
#5

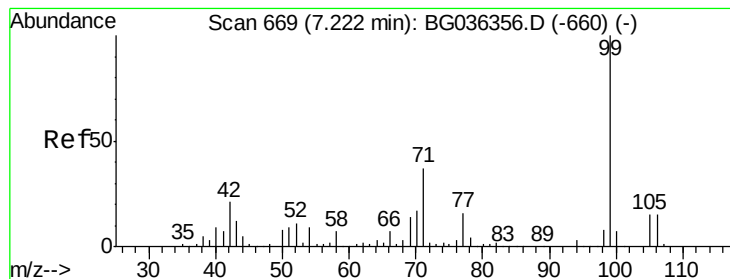
2-Fluorophenol
Concen: 72.396 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

Tgt Ion:112 Resp: 261195
Ion Ratio Lower Upper
112 100
64 70.7 57.2 85.8
63 36.5 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: 46.732 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Instrument :

BNA_G

ClientSampleId :

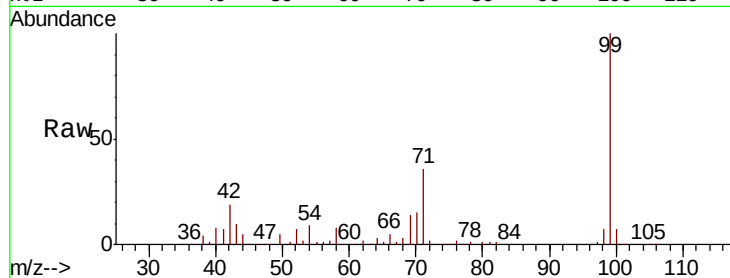
Tot Ion: 99 Resp: 241397

Ion Ratio Lower Upper

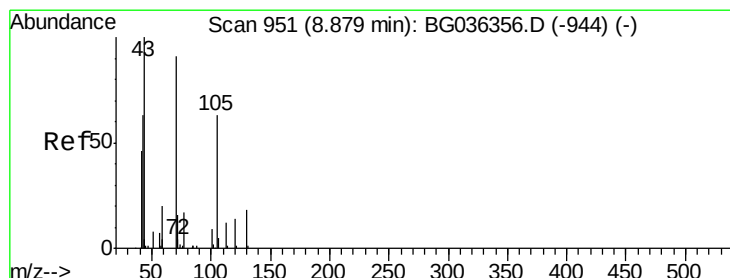
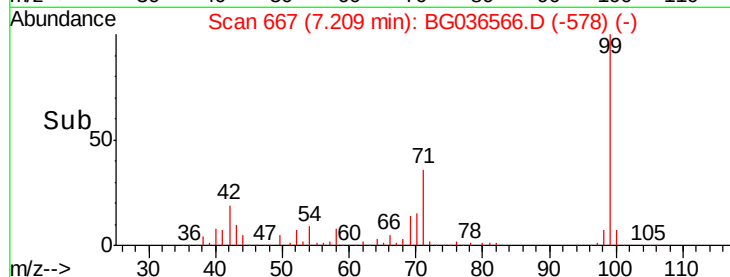
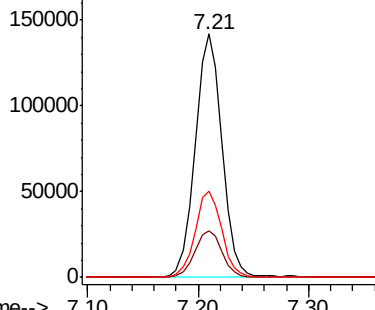
99 100

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: 12.735 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Tgt Ion: 70 Resp: 49164

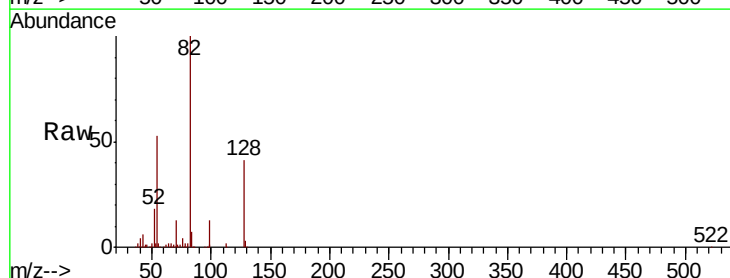
Ion Ratio Lower Upper

70 100

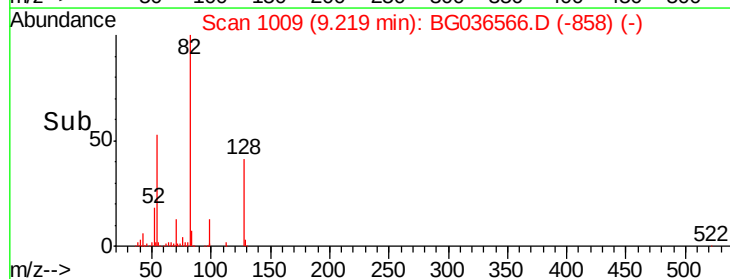
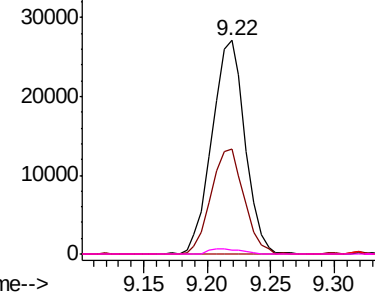
42 49.4 56.2 84.4#

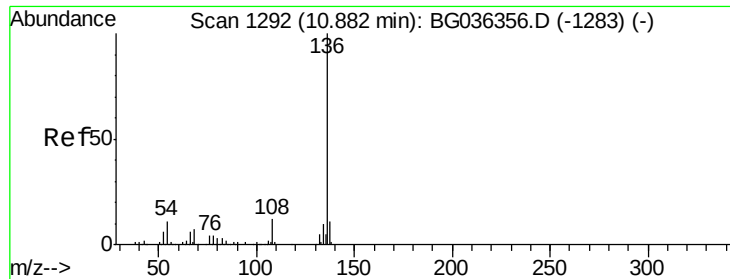
101 0.0 7.8 11.6#

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

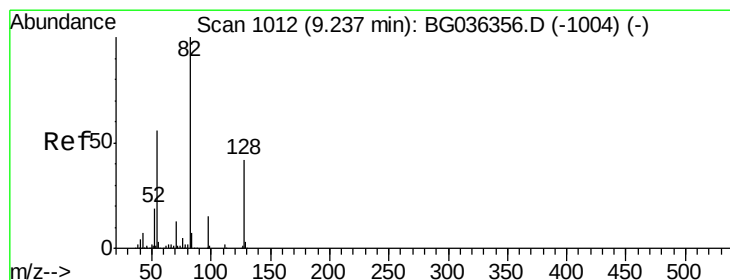
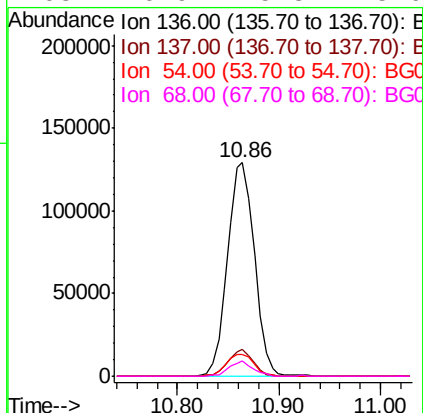
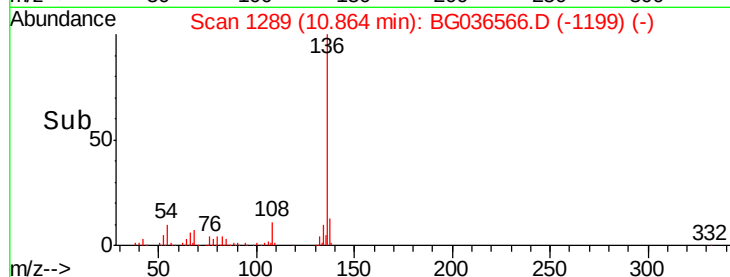
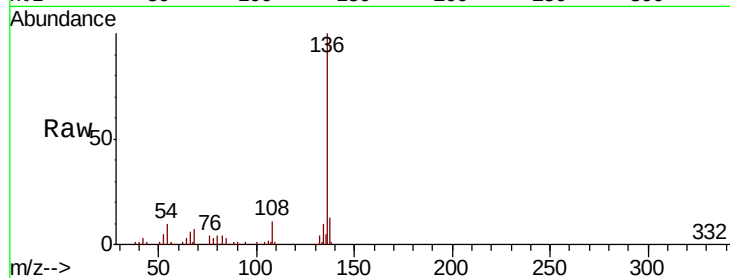




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

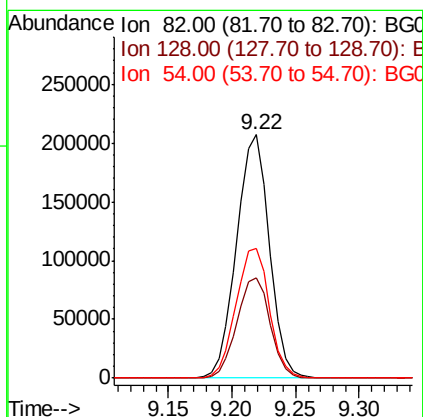
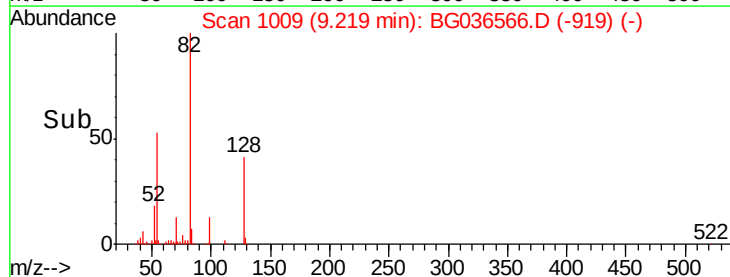
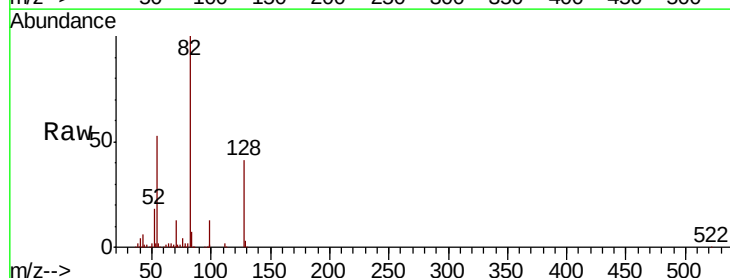
Instrument :
BNA_G
ClientSampleId :

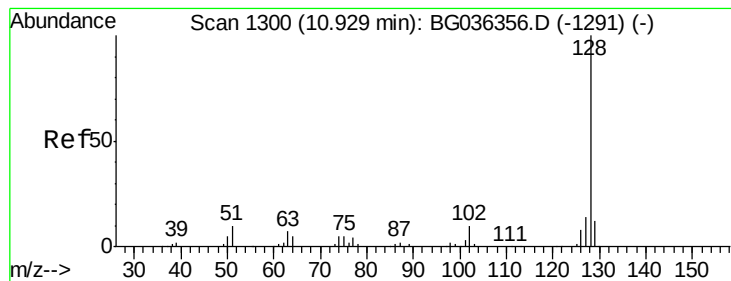
Tot Ion:	136	Resp:	237976
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.8	13.2
54	10.1	9.2	13.8
68	6.9	5.8	8.6



#23
Nitrobenzene-d5
Concen: 84.582 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

Tgt Ion:	82	Resp:	370988
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	53.3	45.1	67.7





#31

Naphthalene

Concen: 3.960 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Instrument :

BNA_G

ClientSampleId :

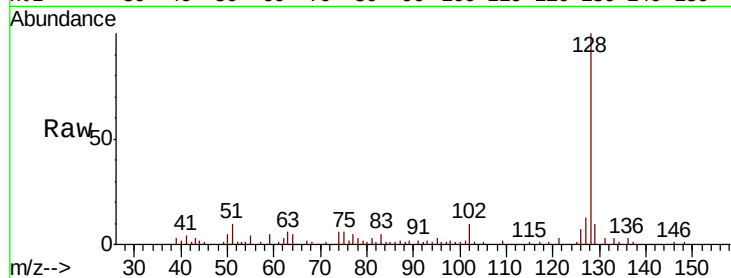
Tot Ion:128 Resp: 47106

Ion Ratio Lower Upper

128 100

129 10.4 9.4 14.2

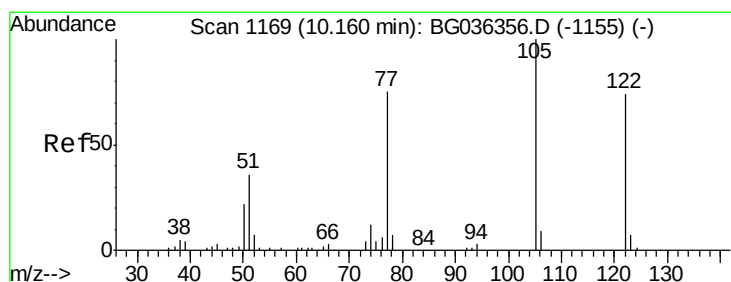
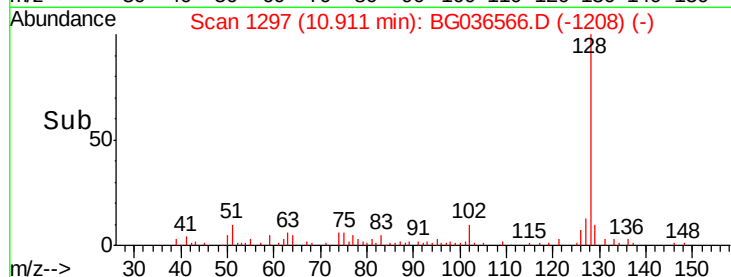
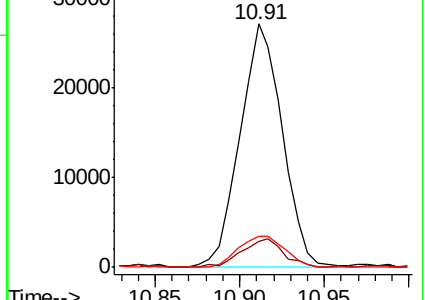
127 12.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.500 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.04 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

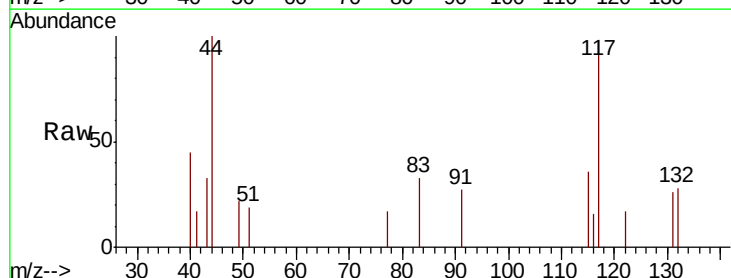
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 0.0 108.1 148.1#

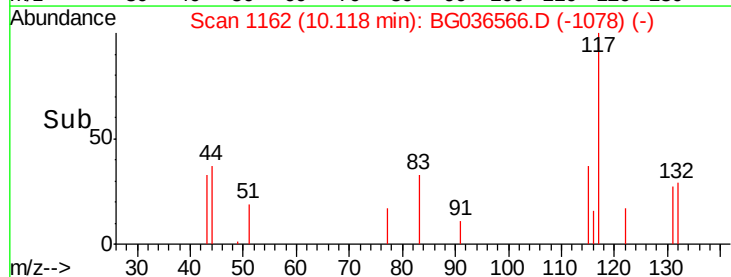
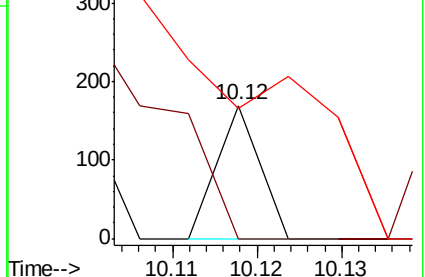
77 98.2 76.3 116.3

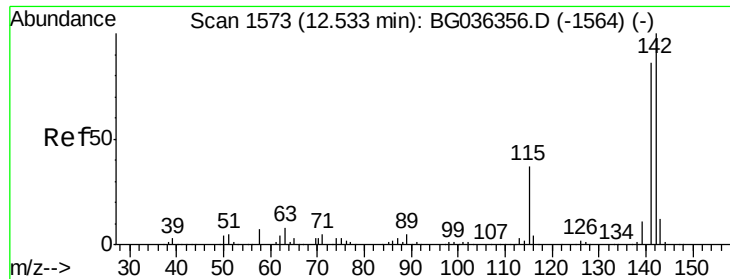


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

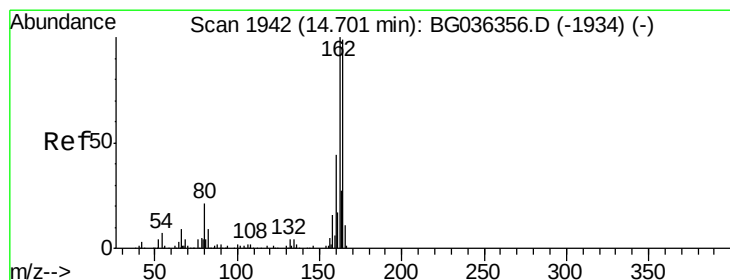
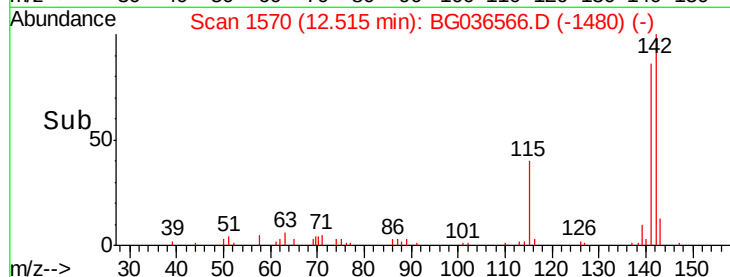
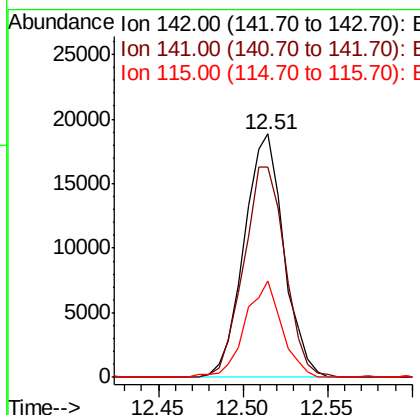
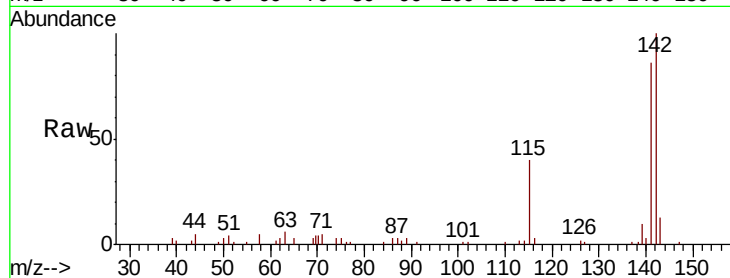




#37
2-Methylnaphthalene
Concen: 3.538 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

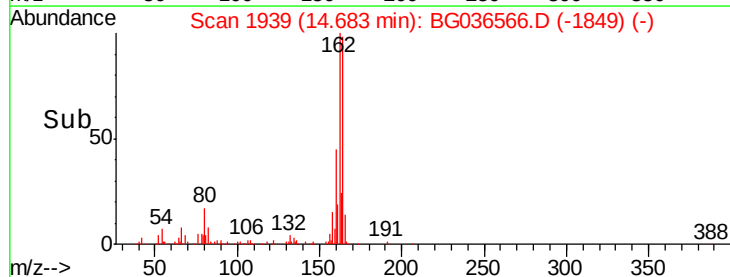
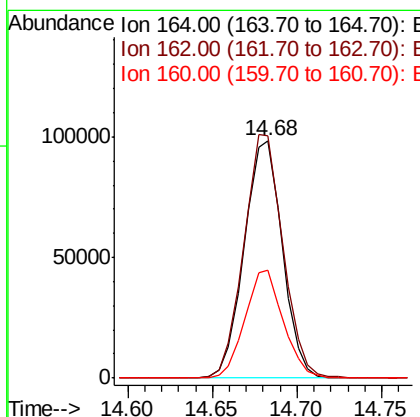
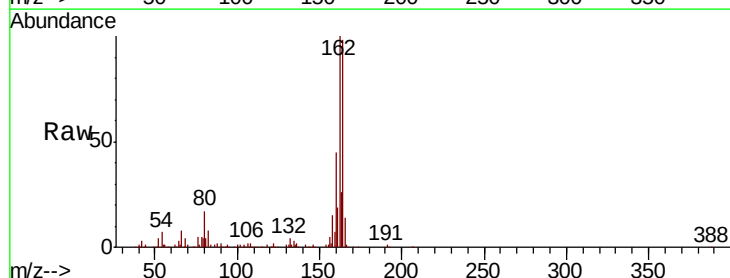
Instrument :
BNA_G
ClientSampled :

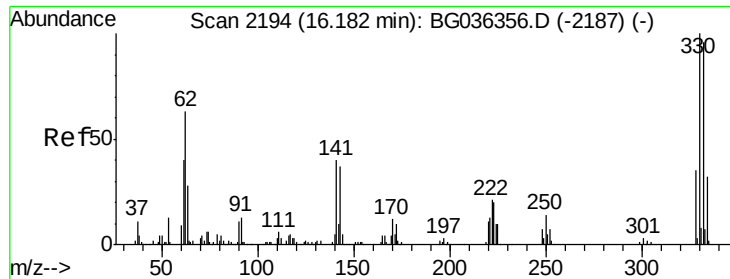
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	68.5	102.7
115	39.9	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	45.4	35.3	52.9

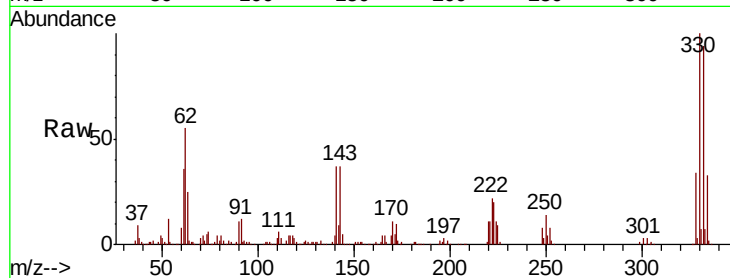




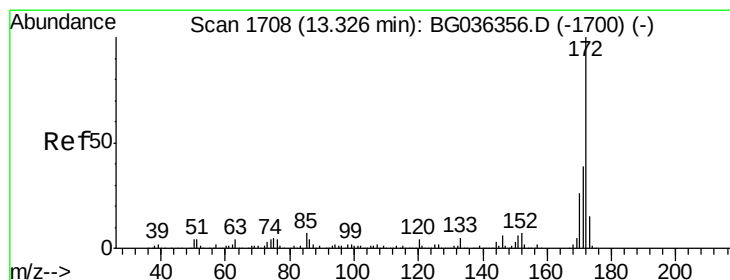
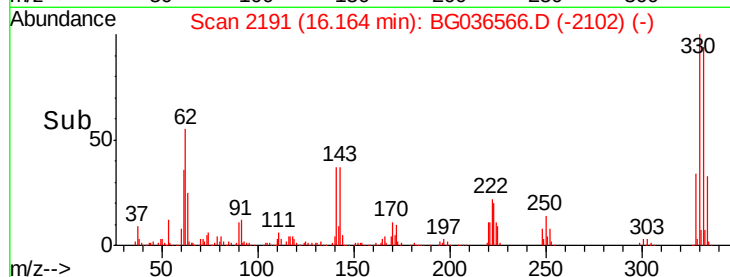
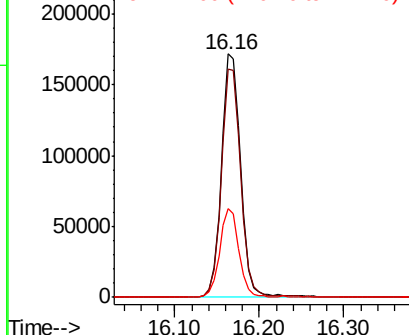
#41
 2,4,6-Tribromophenol
 Concen: 146.792 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036566.D
 Acq: 5 Sep 2018 18:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 270792
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.4 113.2
 141 36.5 30.7 46.1

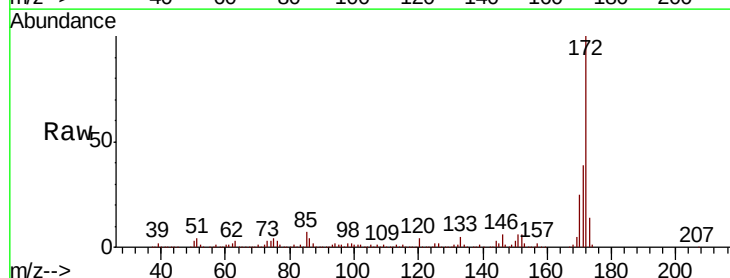


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

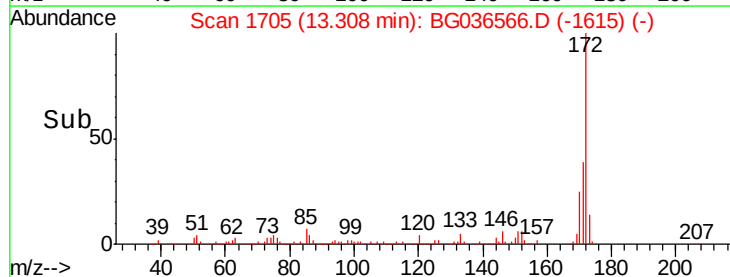
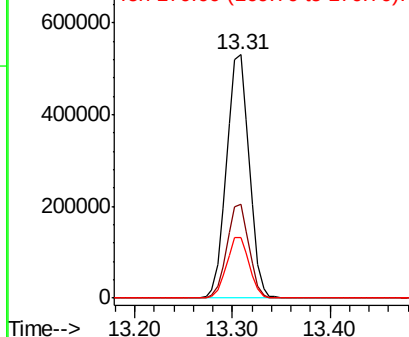


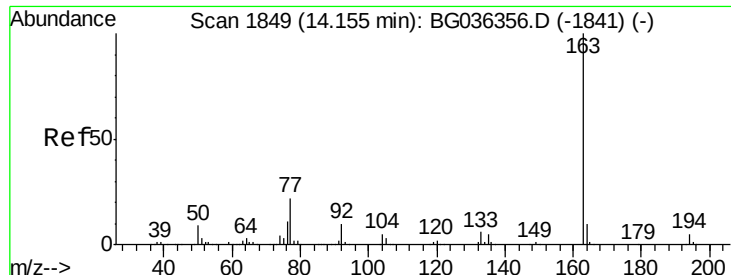
#44
 2-Fluorobiphenyl
 Concen: 79.080 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036566.D
 Acq: 5 Sep 2018 18:37

Tgt Ion:172 Resp: 856257
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 24.9 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: 10.128 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Instrument :

BNA_G

ClientSampleId :

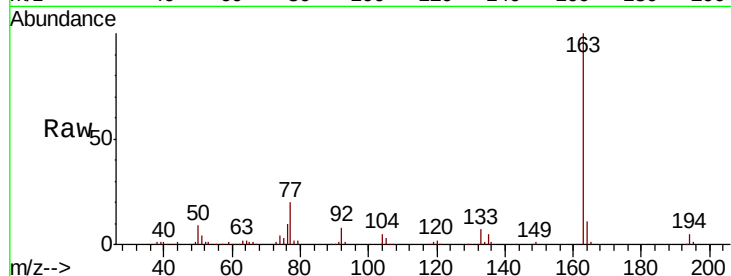
Tot Ion:163 Resp: 127860

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

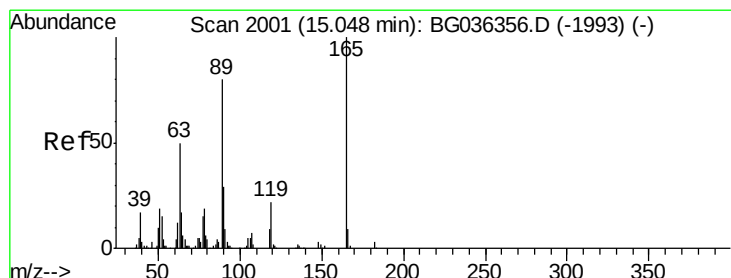
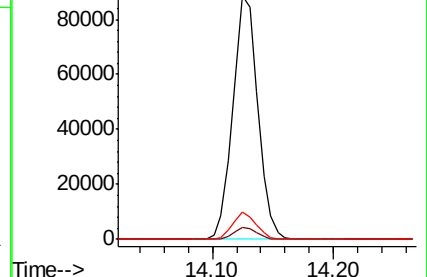
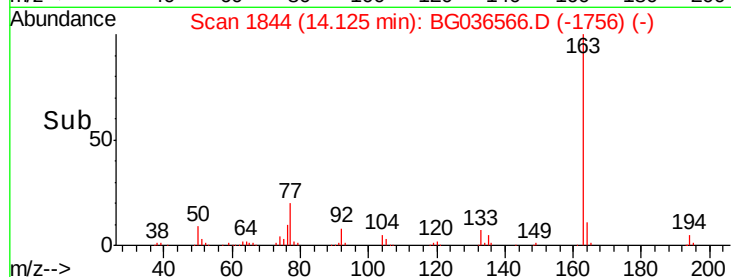
164 11.0 8.1 12.1



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: 6.247 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.35 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Tgt Ion:165 Resp: 21150

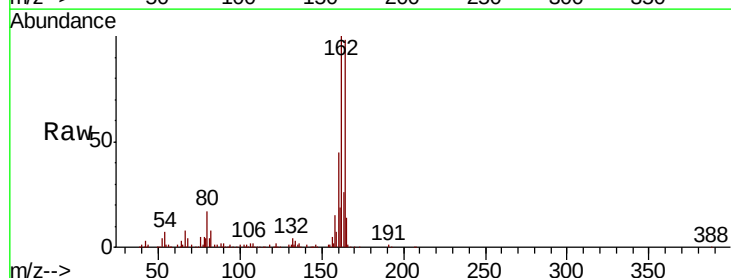
Ion Ratio Lower Upper

165 100

63 1.6 40.1 60.1#

89 1.9 63.7 95.5#

182 0.0 2.5 3.7#

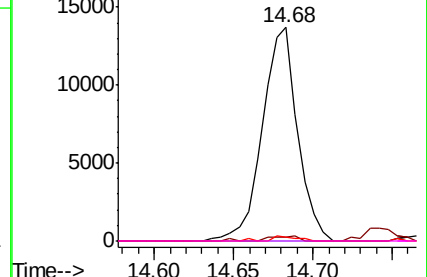
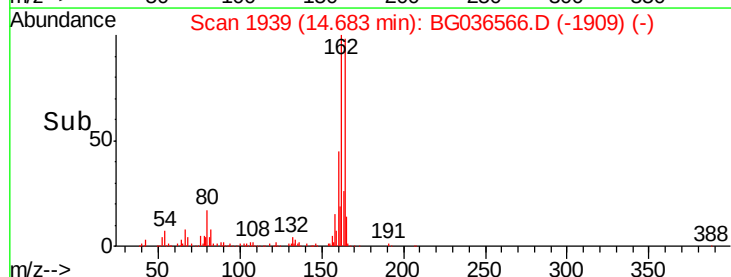


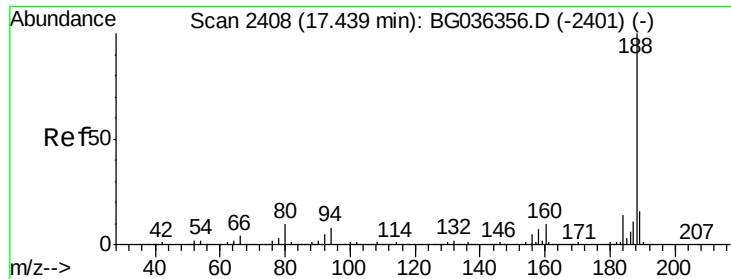
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG036566.D

Acq: 5 Sep 2018 18:37

Instrument :

BNA_G

ClientSampleId :

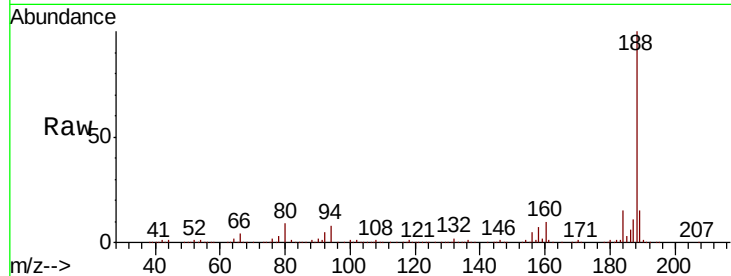
Tot Ion:188 Resp: 409411

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

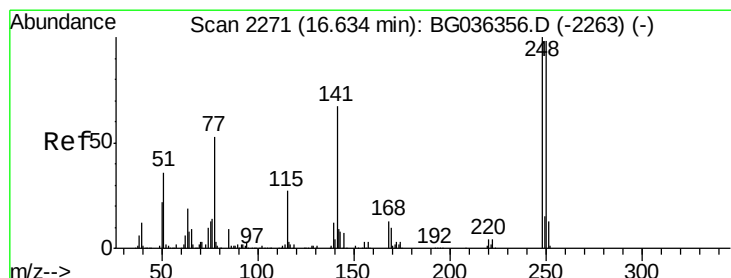
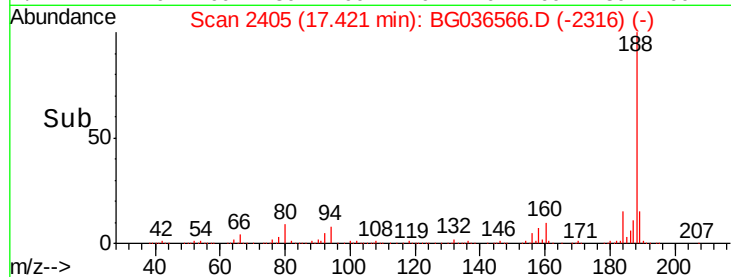
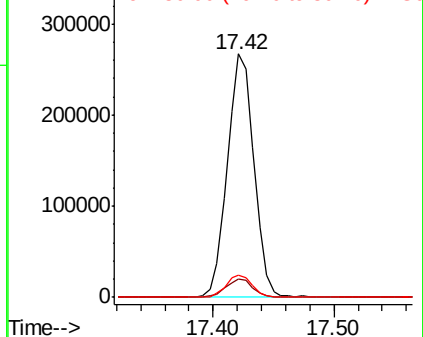
80 9.1 8.1 12.1



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: 4.201 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.45 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

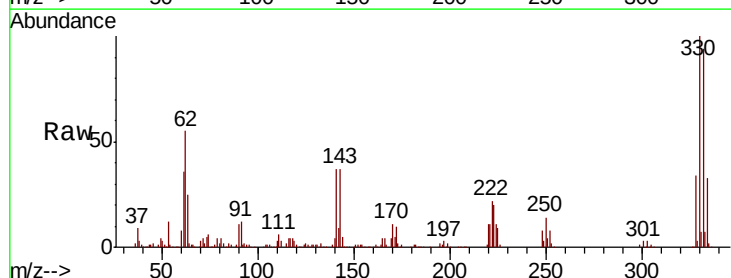
Tgt Ion:248 Resp: 20139

Ion Ratio Lower Upper

248 100

250 185.2 78.1 117.1#

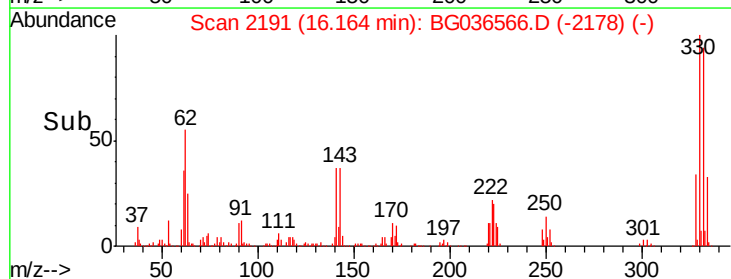
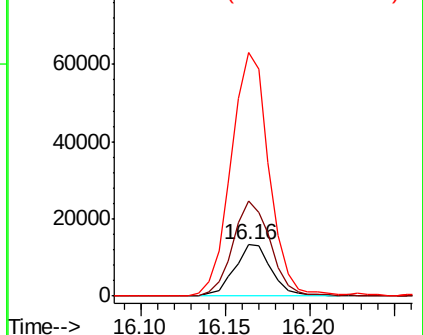
141 473.3 53.7 80.5#

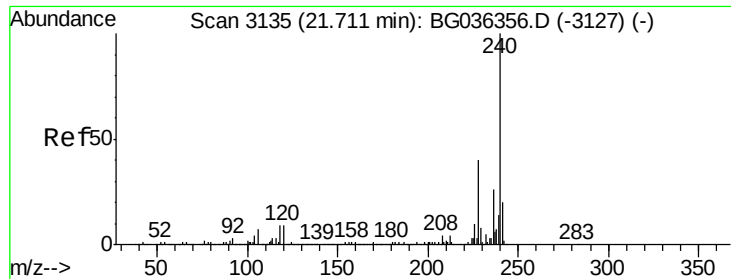


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3131

Delta R.T. -0.01 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

Instrument :

BNA_G

ClientSampleId :

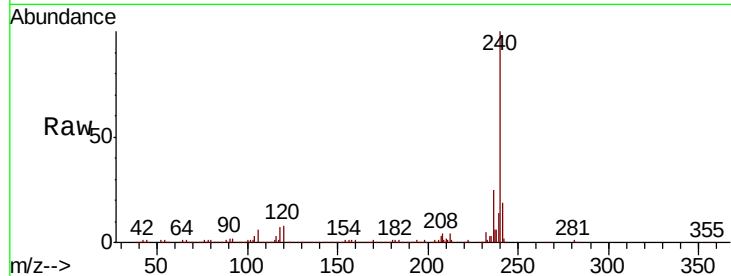
Tot Ion:240 Resp: 442723

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

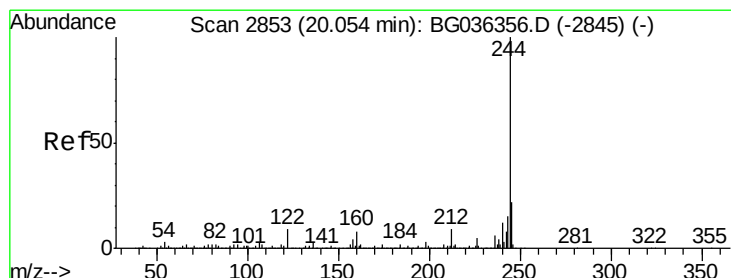
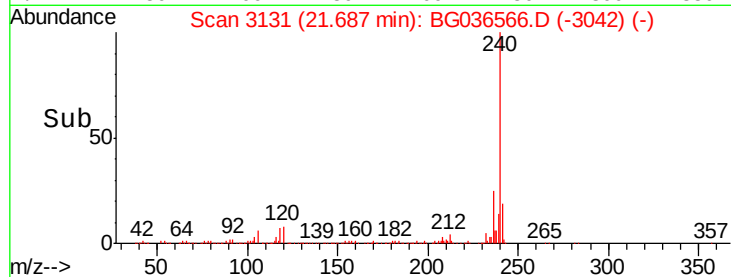
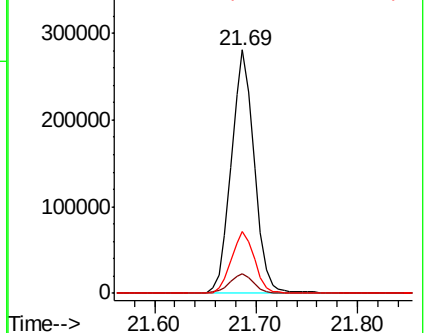
236 25.3 21.2 31.8



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: 80.019 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036566.D

Acq: 5 Sep 2018 18:37

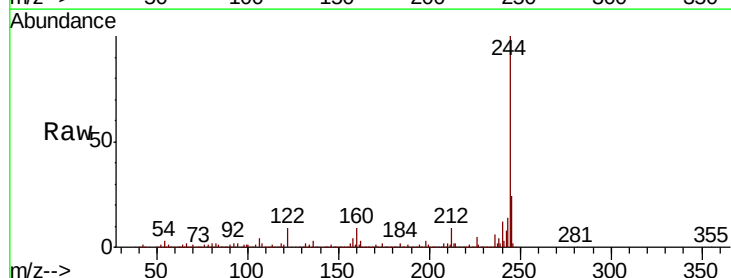
Tgt Ion:244 Resp: 1515655

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

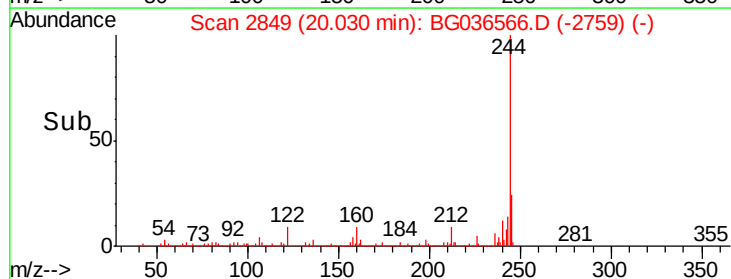
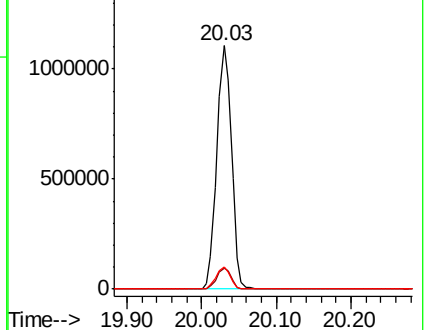
122 9.3 7.1 10.7

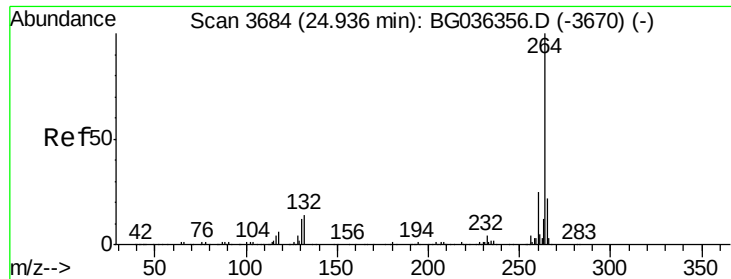


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG036566.D
Acq: 5 Sep 2018 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	440007
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.9	17.4	26.0

