

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106516.D
 Acq On : 16 Jun 2018 2:59
 Operator : JU/SJ
 Sample : J3449-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: Jun 16 04:17:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98545	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	330646	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	126989	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	235543	20.00	ng	0.00
75) Chrysene-d12	14.15	240	259181	20.00	ng	0.00
86) Perylene-d12	15.68	264	191869	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	370725	63.67	ng	0.00
7) Phenol-d6	6.61	99	281561	38.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	572745	101.90	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	189164	154.82	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	879540	162.14	ng	0.00
78) Terphenyl-d14	13.08	244	987685	94.65	ng	0.00

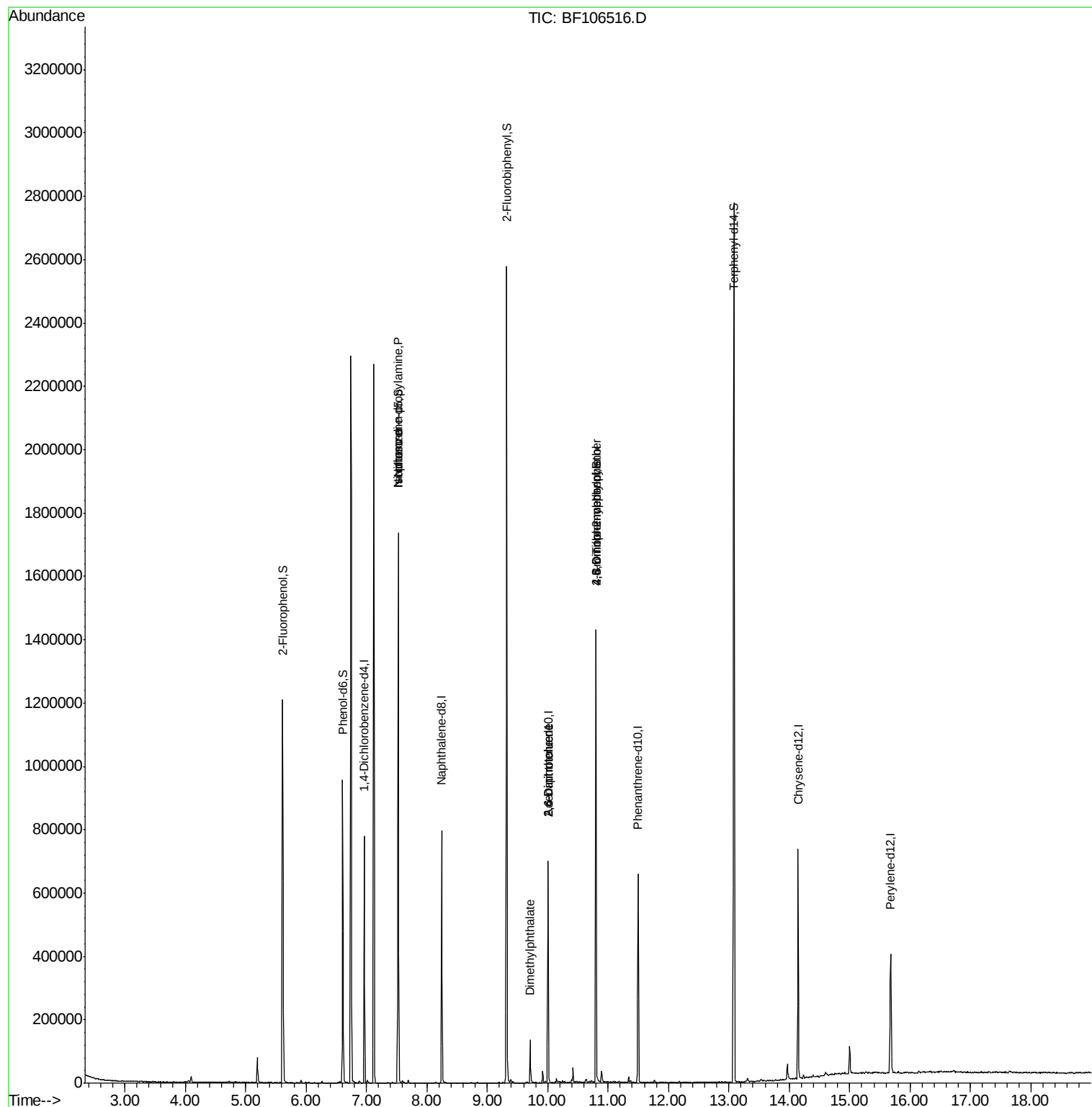
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	76403	13.844	ng	# 73
25) Isophorone	7.53	82	572739	52.171	ng	# 64
49) Dimethylphthalate	9.71	163	52132	5.746	ng	# 98
50) 2,6-Dinitrotoluene	10.01	165	15787	8.519	ng	# 24
56) 2,4-Dinitrotoluene	10.01	165	15787	6.784	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.80	198	288	6.492	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12413	4.633	ng	# 1

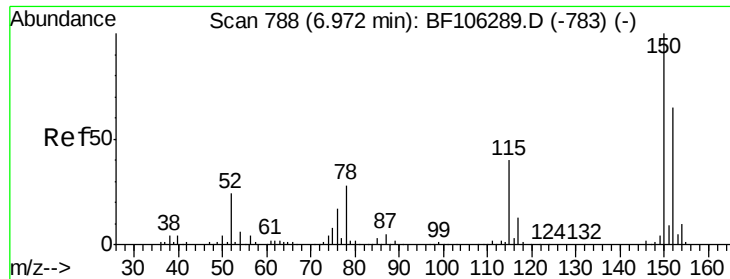
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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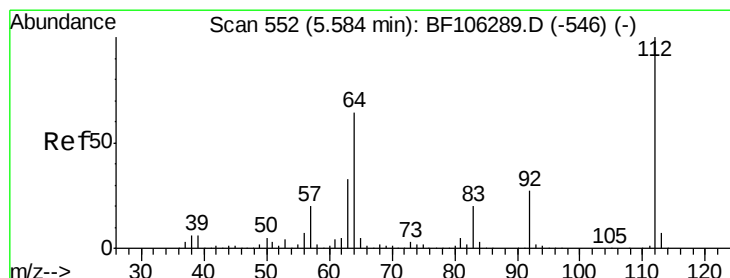
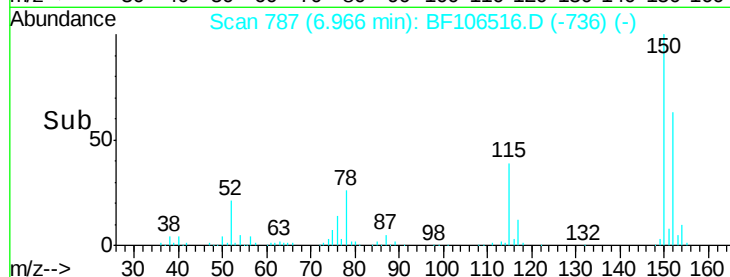
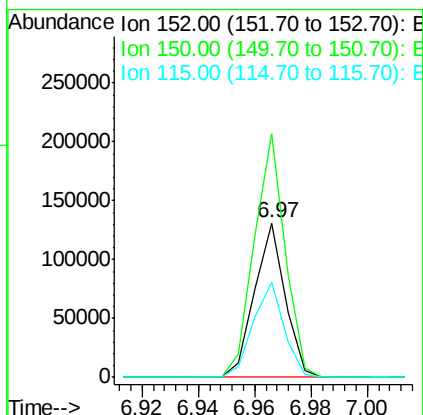
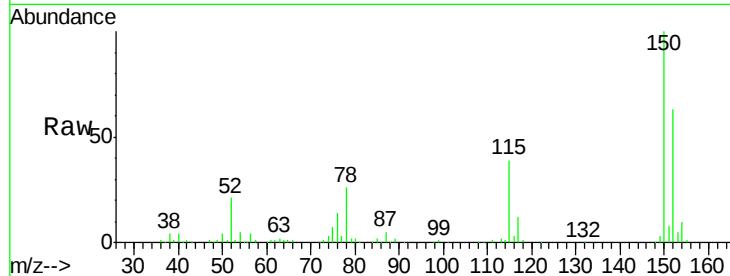


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106516.D
Acq: 16 Jun 2018 2:59

Instrument :
BNA_F
ClientSampled :
W-21

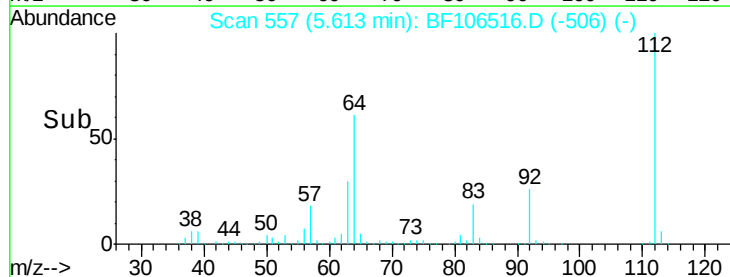
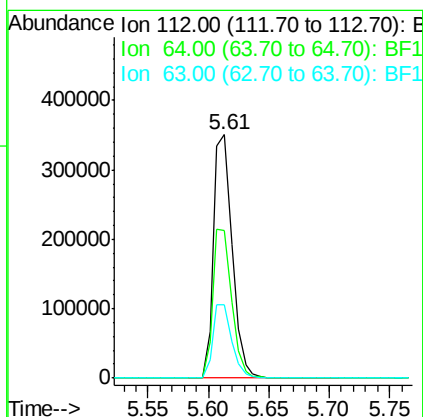
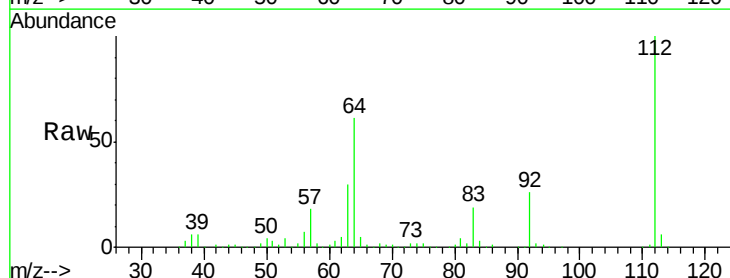
Tgt Ion:152 Resp: 98545
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.0 50.1 75.1



#5

2-Fluorophenol
Concen: 63.672 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106516.D
Acq: 16 Jun 2018 2:59

Tgt Ion:112 Resp: 370725
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 38.276 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Instrument :

BNA_F

ClientSampleId :

W-21

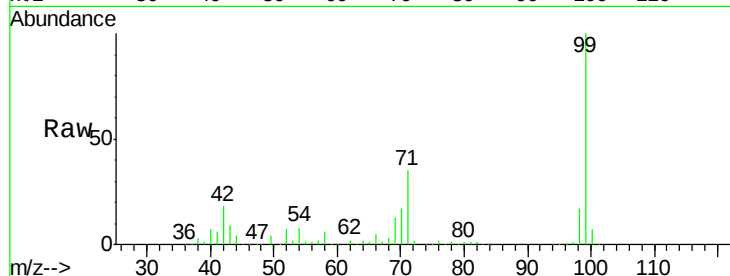
Tgt Ion: 99 Resp: 281561

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

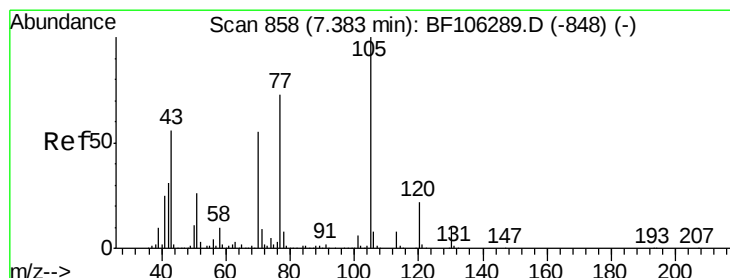
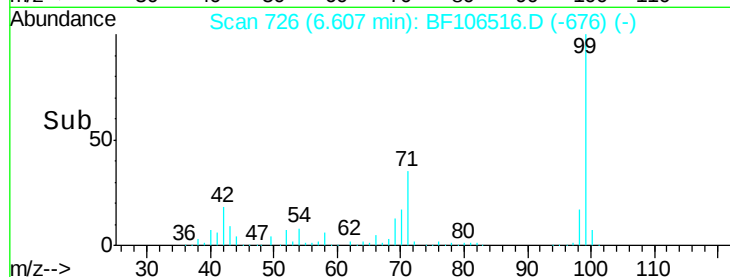
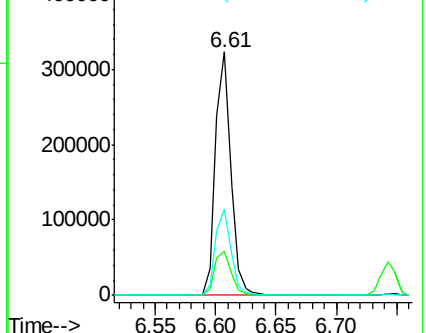
71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.844 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Tgt Ion: 70 Resp: 76403

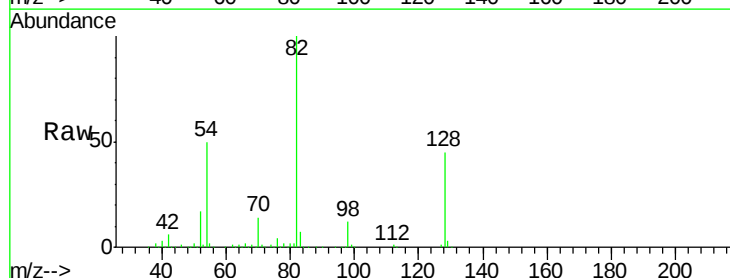
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

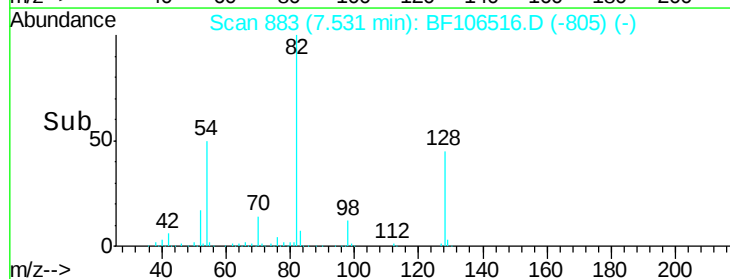
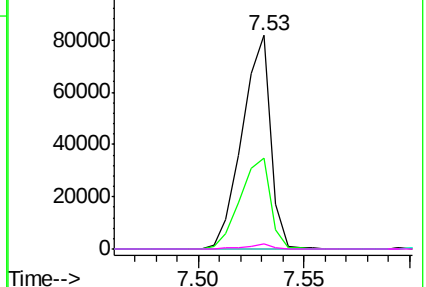


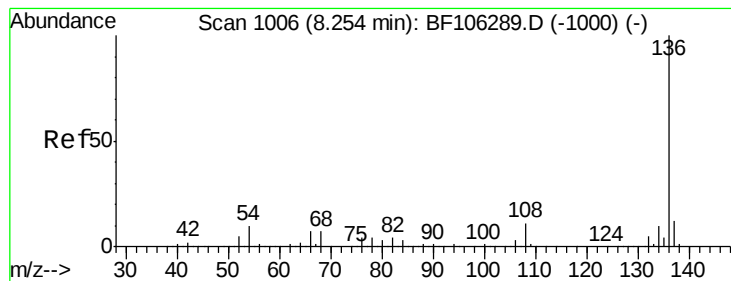
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 330646

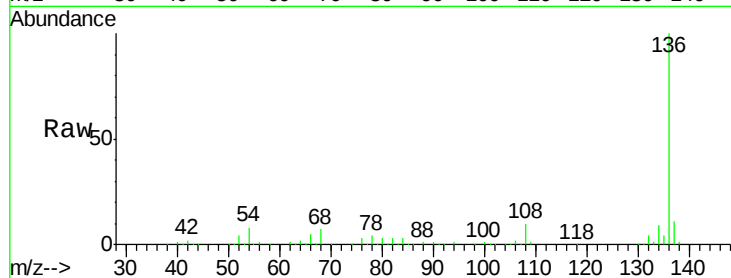
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 6.5 5.0 7.4

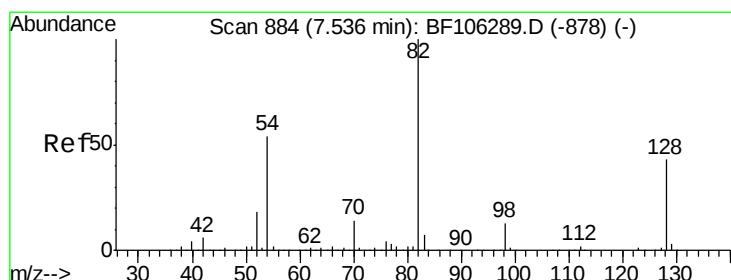
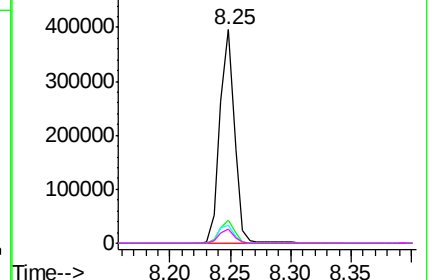
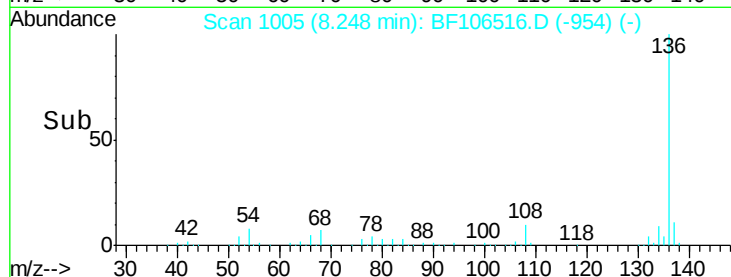


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 101.903 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

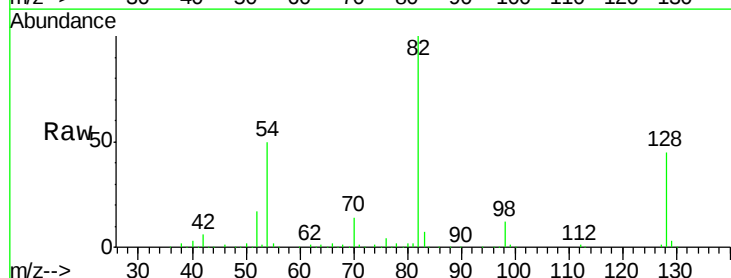
Tgt Ion: 82 Resp: 572745

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

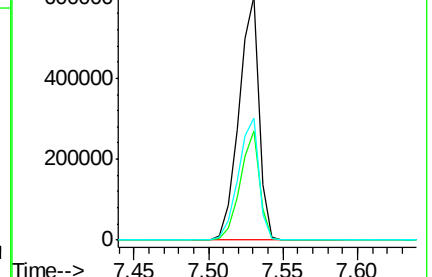
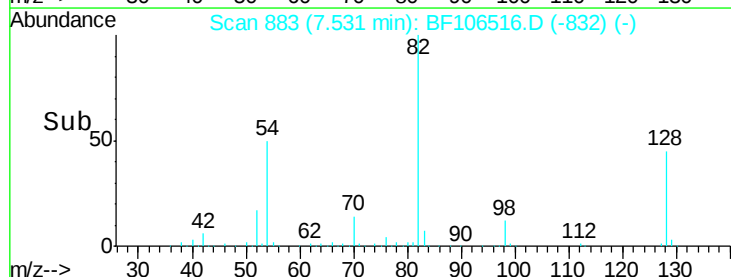
54 50.2 41.4 62.2

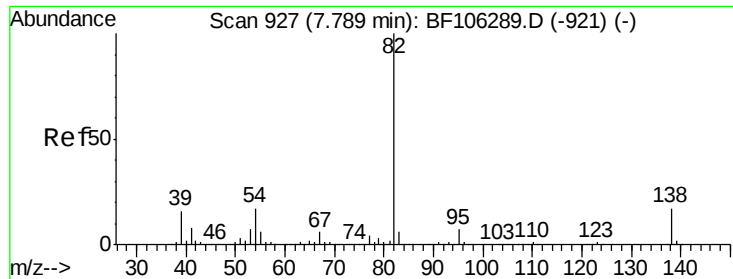


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.171 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Instrument :

BNA_F

ClientSampleId :

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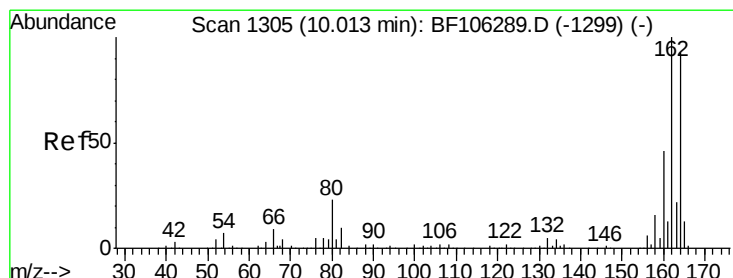
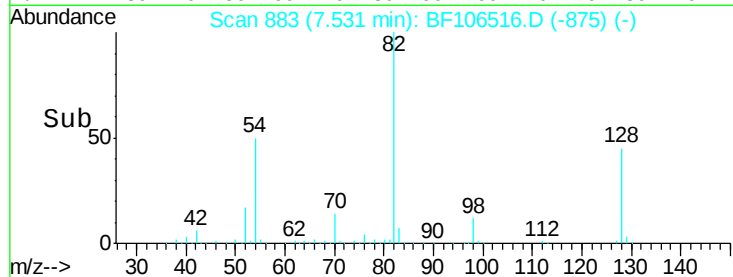
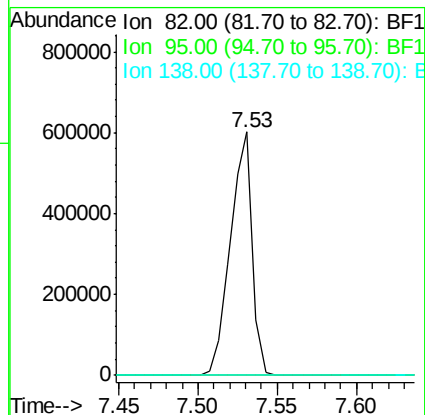
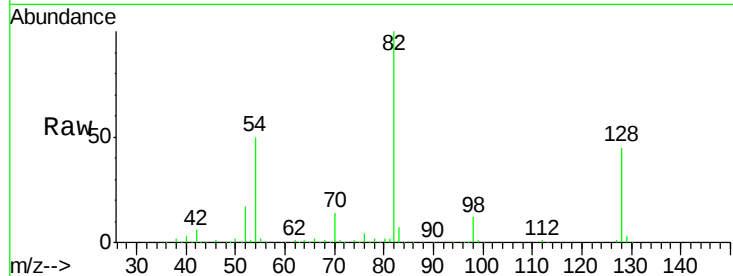
Tgt Ion: 82 Resp: 572739

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

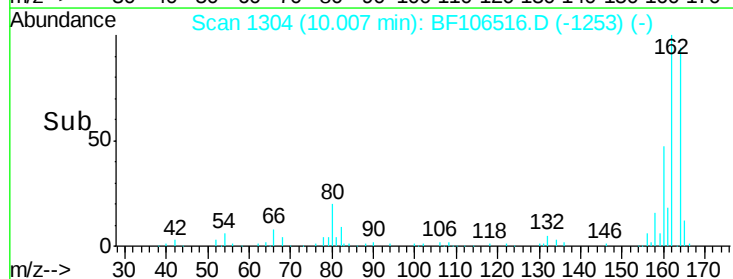
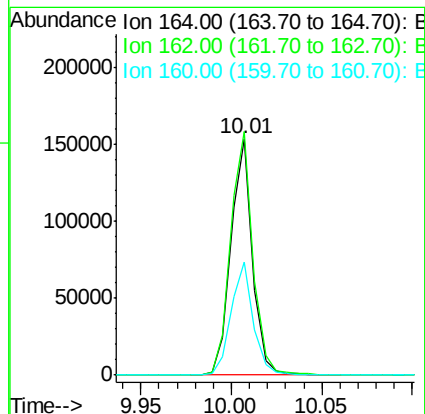
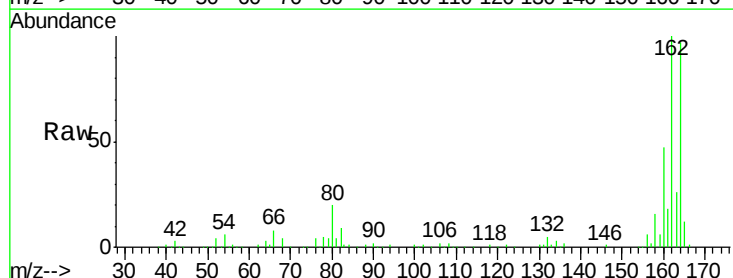
Tgt Ion: 164 Resp: 126989

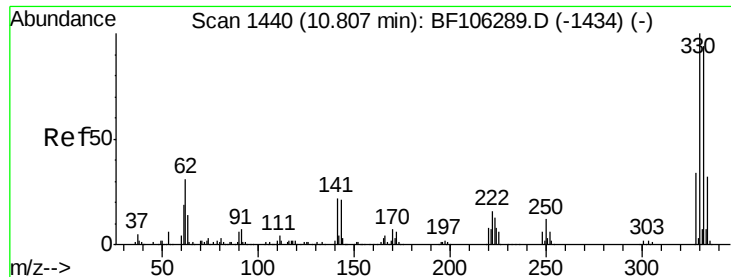
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 48.0 38.3 57.5

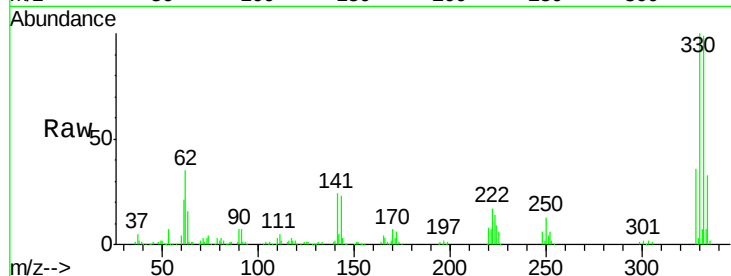




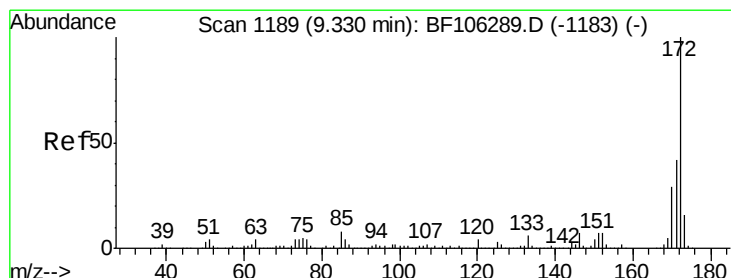
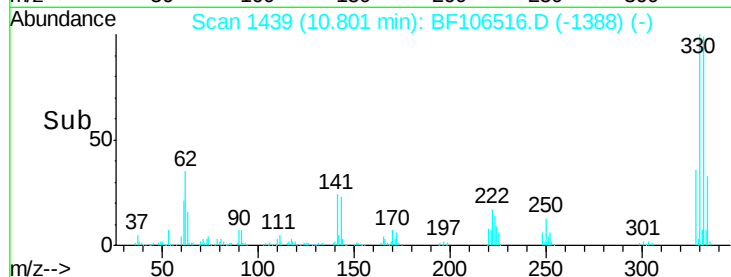
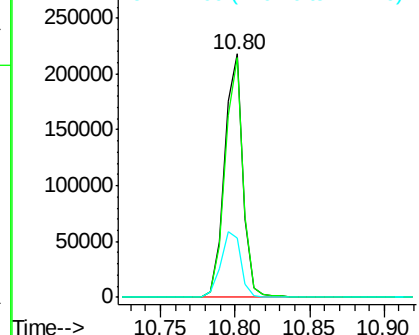
#41
 2,4,6-Tribromophenol
 Concen: 154.817 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106516.D
 Acq: 16 Jun 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.5	29.9	44.9#

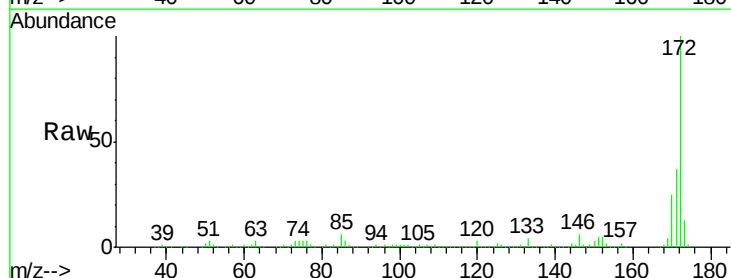


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

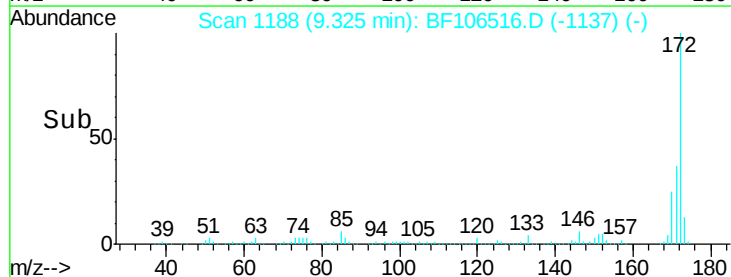
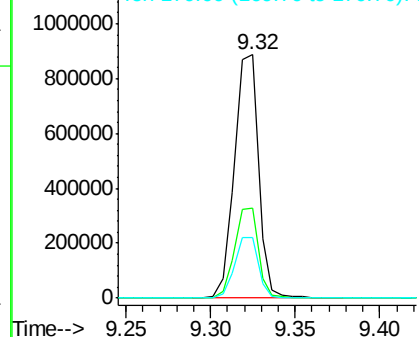


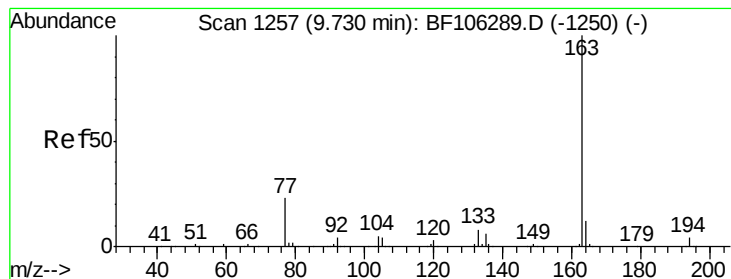
#44
 2-Fluorobiphenyl
 Concen: 162.139 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106516.D
 Acq: 16 Jun 2018 2:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.6	29.4



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: 5.746 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Instrument :

BNA_F

ClientSampleId :

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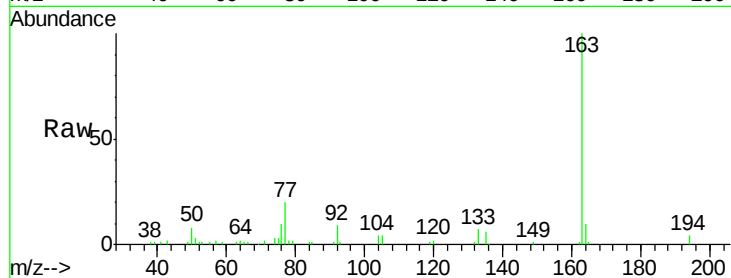
Tgt Ion:163 Resp: 52132

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

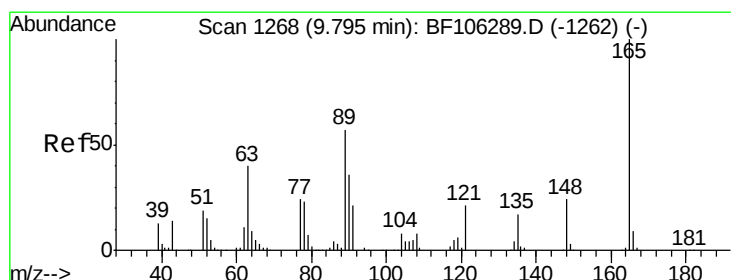
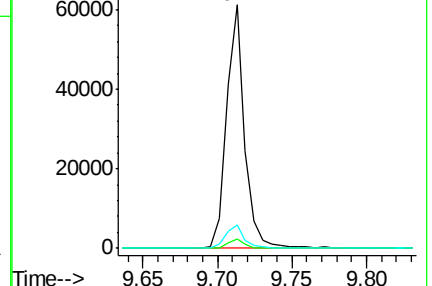
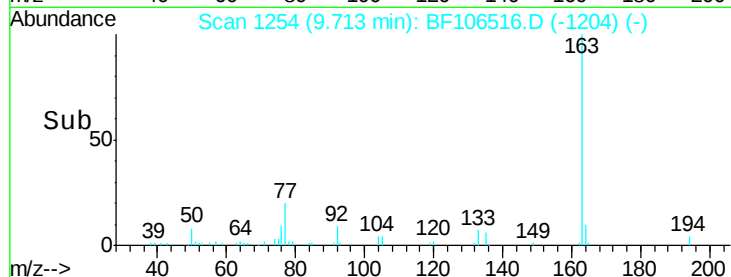
164 9.6 8.2 12.2



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: 8.519 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.22 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

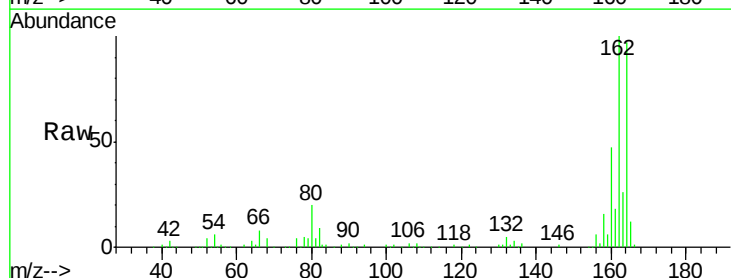
Tgt Ion:165 Resp: 15787

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

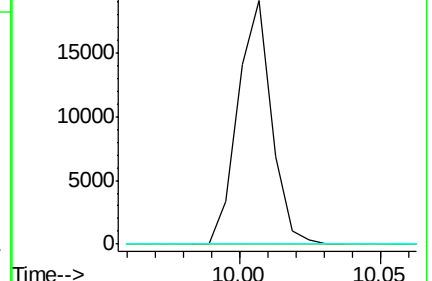
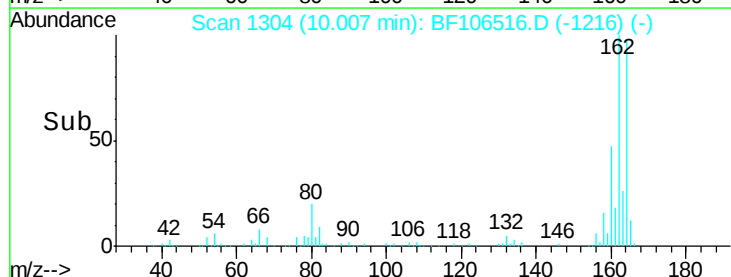
89 0.0 44.0 66.0#

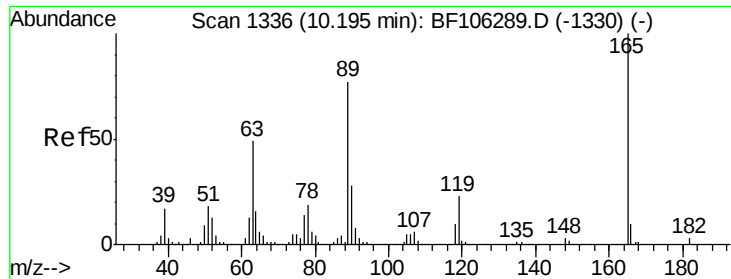


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

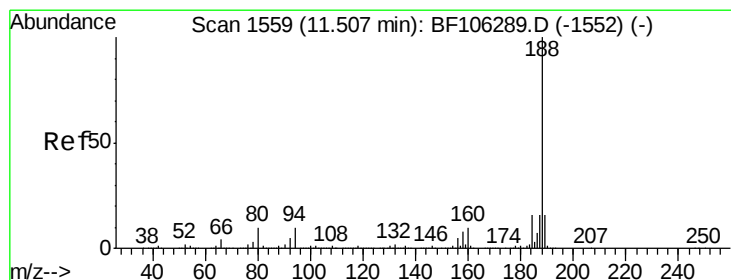
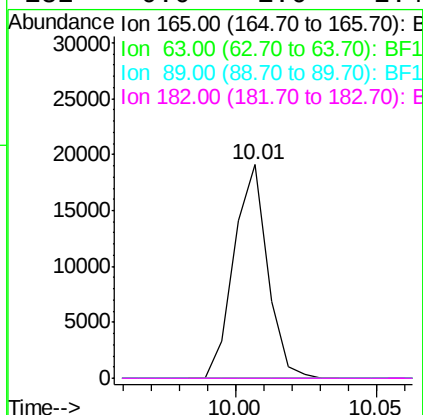
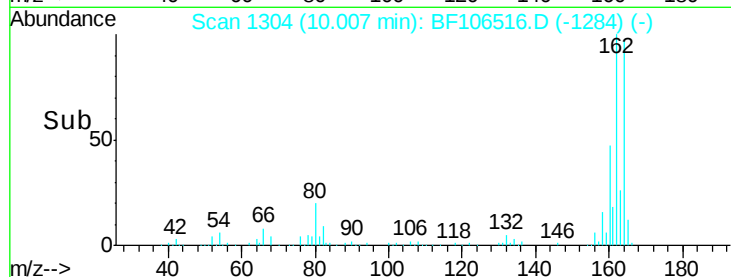
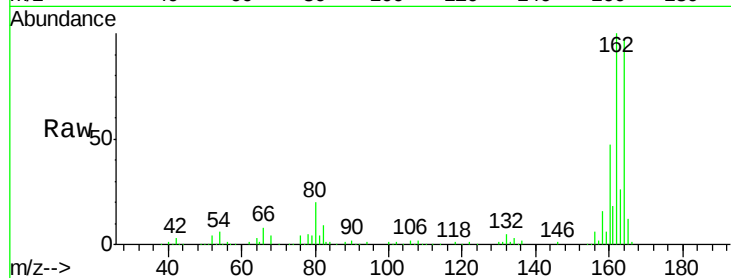




#56
2,4-Dinitrotoluene
Concen: 6.784 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.18 min
Lab File: BF106516.D
Acq: 16 Jun 2018 2:59

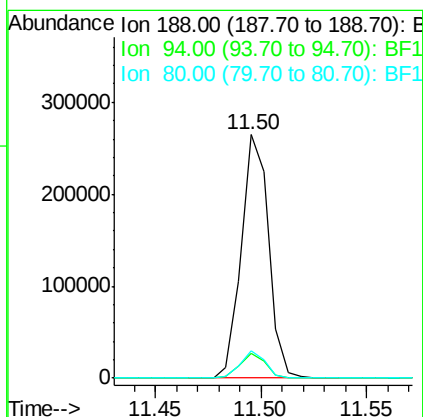
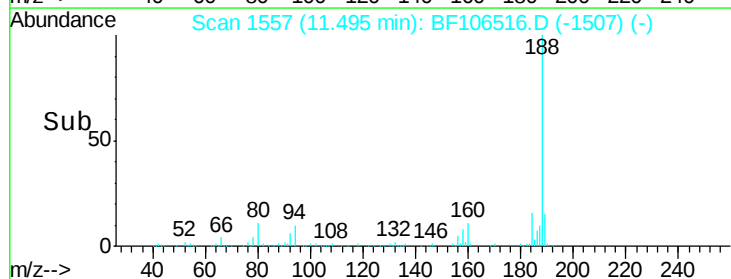
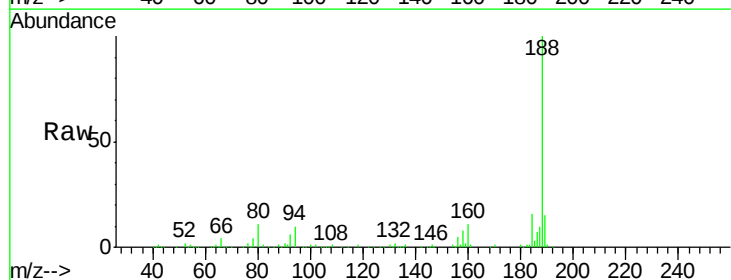
Instrument :
BNA_F
ClientSampleId :
W-21

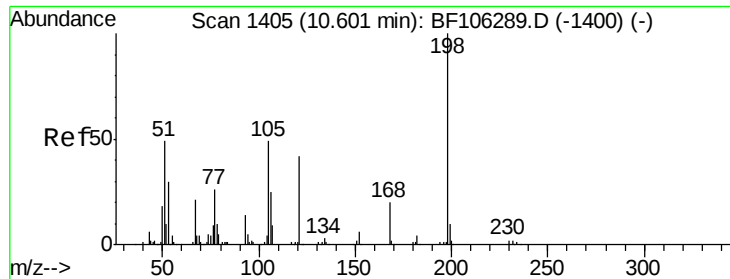
Tgt Ion:	165	Resp:	15787
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106516.D
Acq: 16 Jun 2018 2:59

Tgt Ion:	188	Resp:	235543
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8

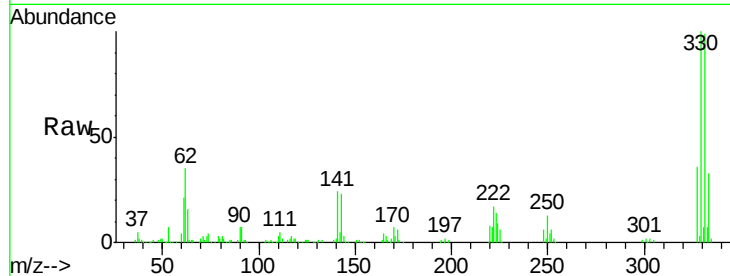




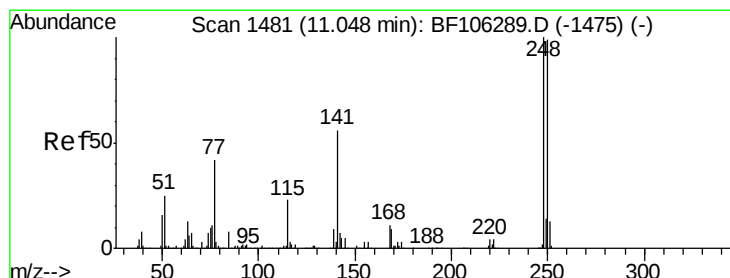
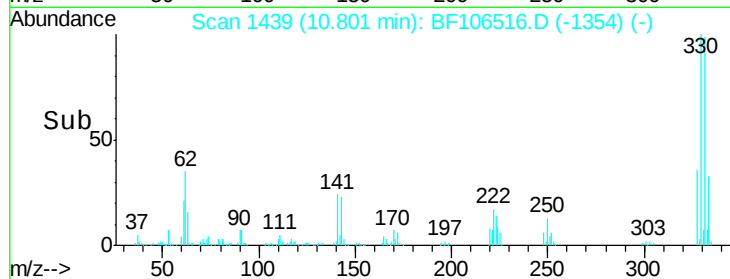
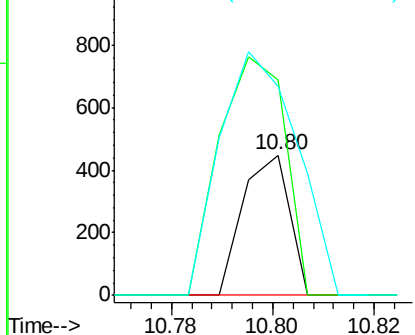
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.492 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106516.D
 Acq: 16 Jun 2018 2:59

Instrument :
 BNA_F
 ClientSampled :
 W-21

Tgt Ion:198 Resp: 288
 Ion Ratio Lower Upper
 198 100
 51 154.0 37.7 77.7#
 105 149.1 36.3 76.3#

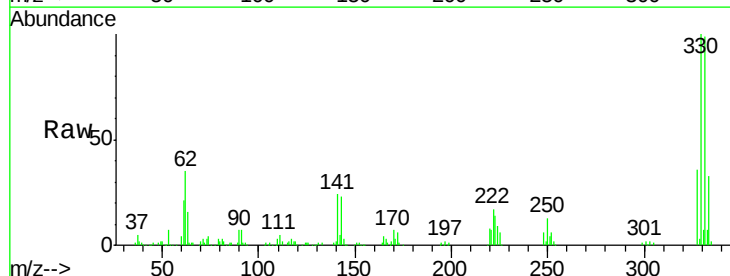


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

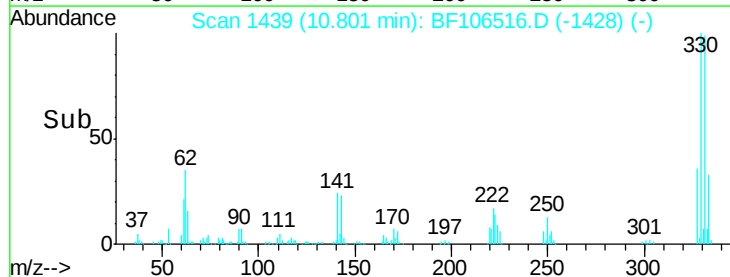
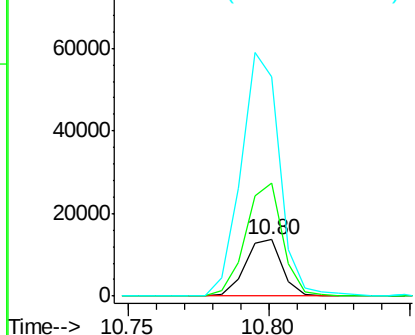


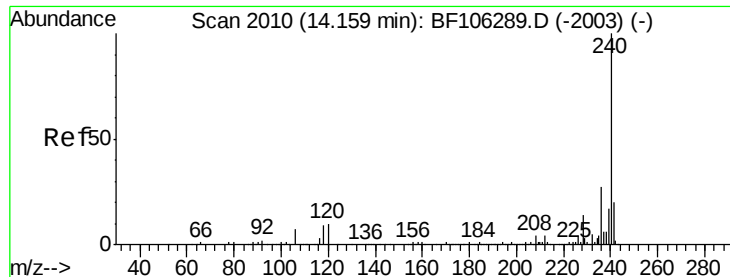
#66
 4-Bromophenyl-phenylether
 Concen: 4.633 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF106516.D
 Acq: 16 Jun 2018 2:59

Tgt Ion:248 Resp: 12413
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.9 115.3#
 141 391.0 74.4 111.6#



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

Instrument :

BNA_F

ClientSampleId :

W-21

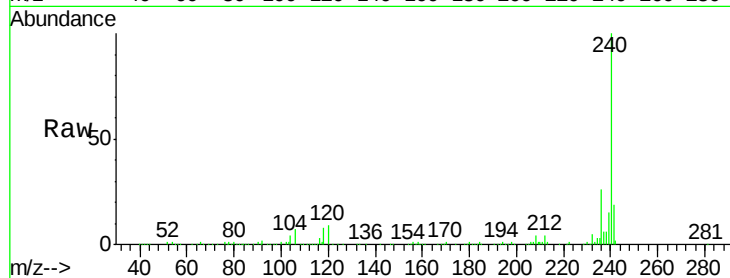
Tgt Ion:240 Resp: 259181

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

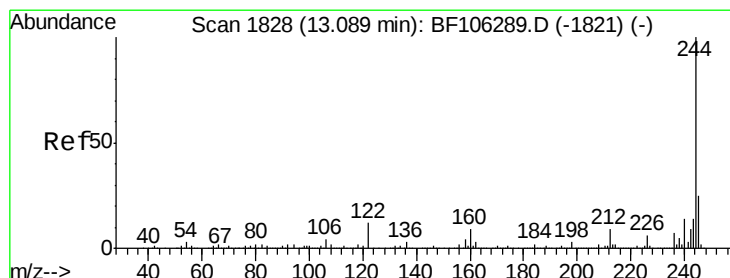
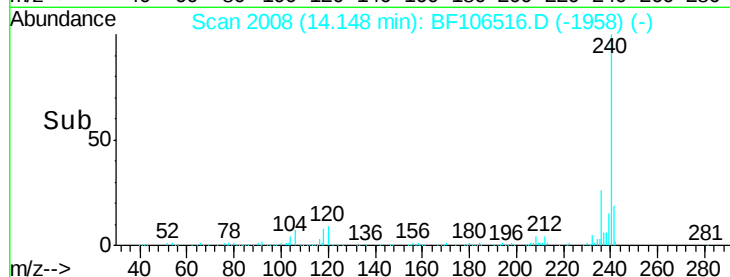
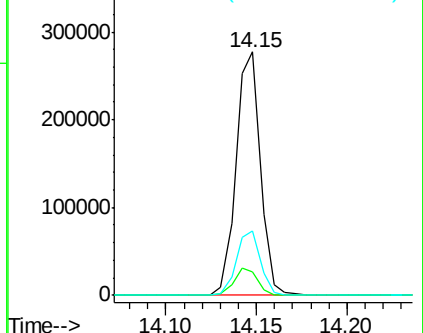
236 26.4 20.7 31.1



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: 94.652 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106516.D

Acq: 16 Jun 2018 2:59

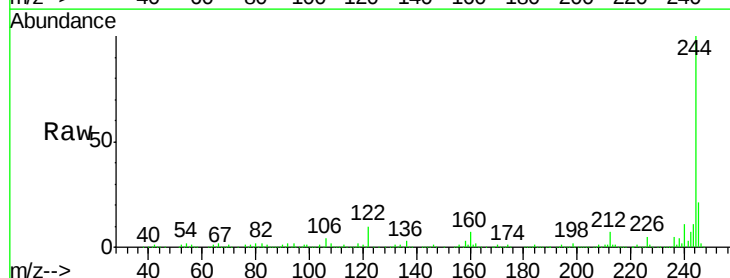
Tgt Ion:244 Resp: 987685

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

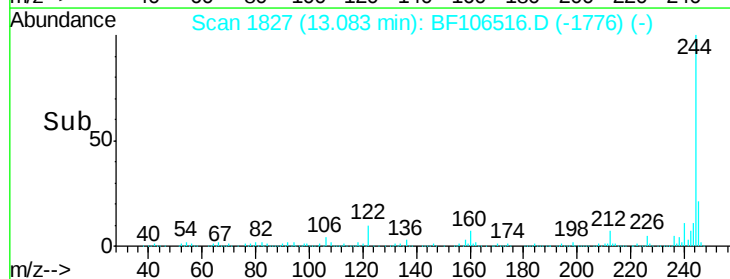
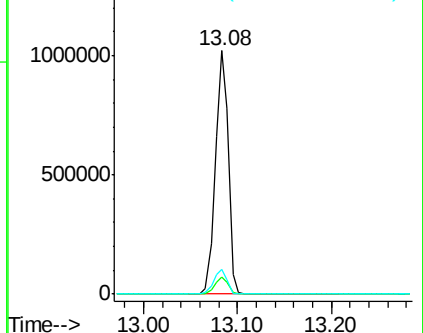
122 10.4 11.0 16.4#

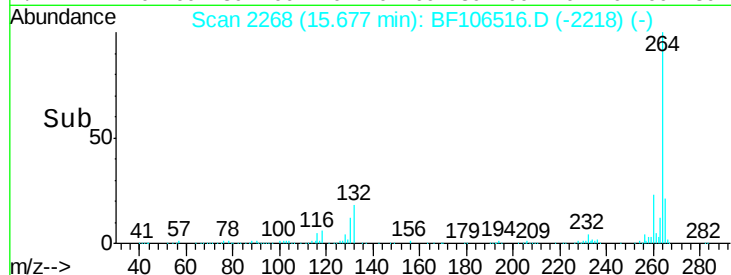
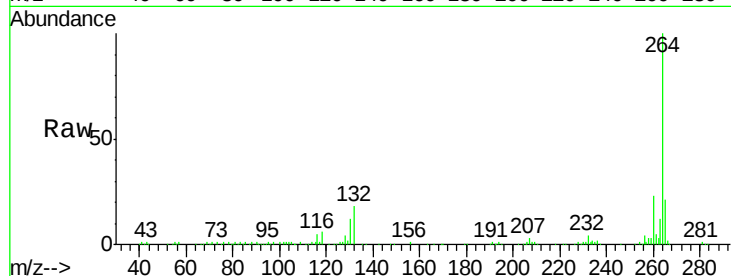
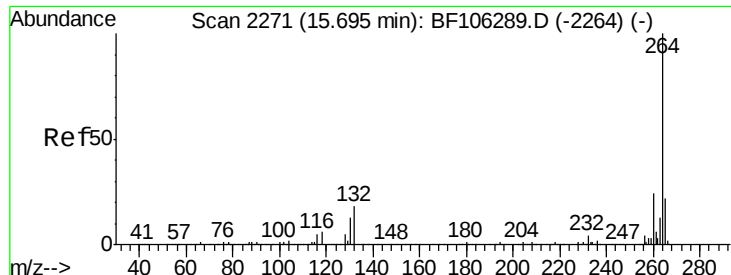


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106516.D
Acq: 16 Jun 2018 2:59

Instrument :
BNA_F
ClientSampleId :
W-21

Tgt Ion:	264	Resp:	191869
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3

