

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106419.D
 Acq On : 14 Jun 2018 4:23
 Operator : JU/SJ
 Sample : J3446-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 06:50:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

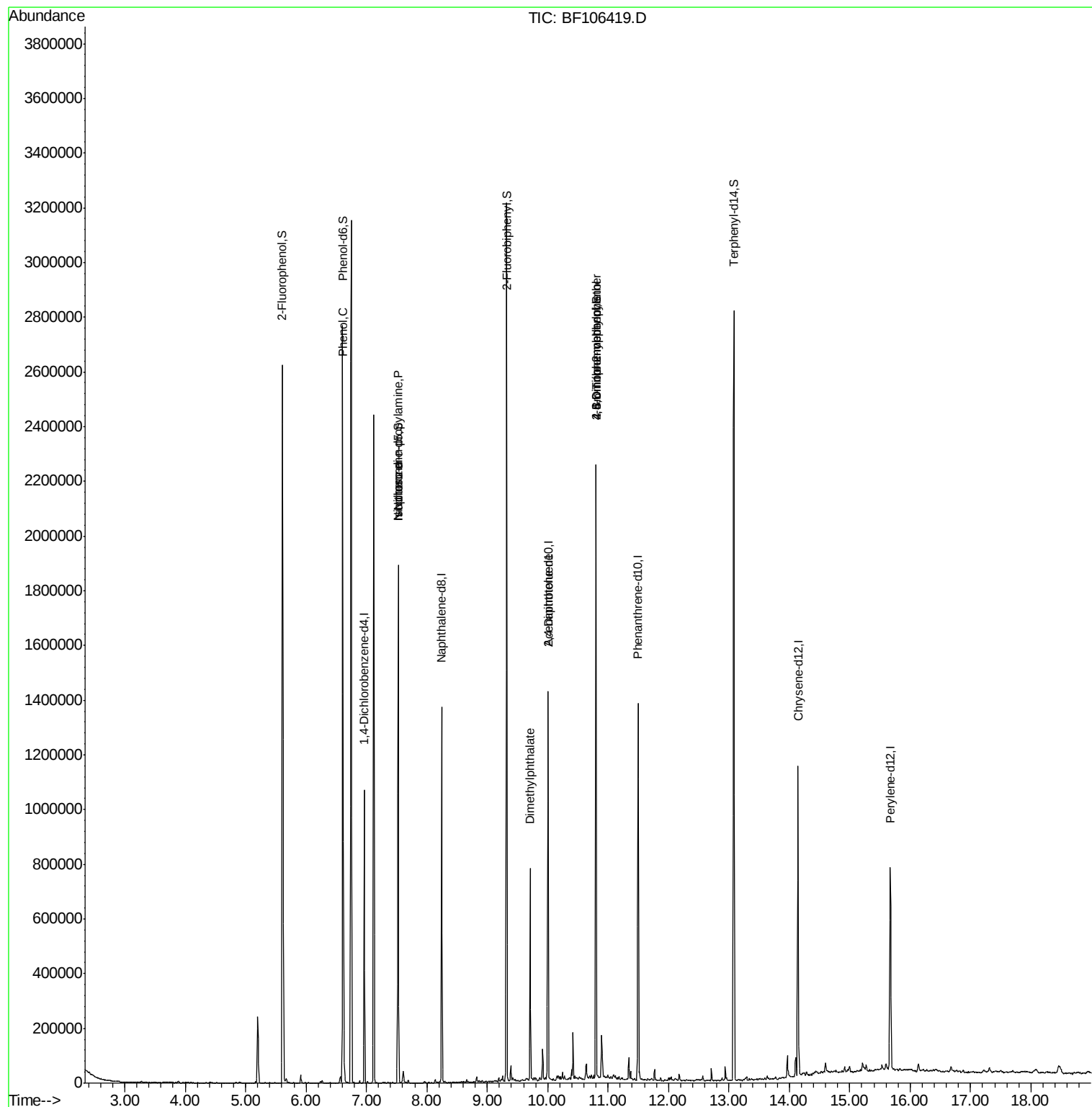
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140247	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	538488	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	257588	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	472559	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	360714	20.00	ng	-0.02
86) Perylene-d12	15.67	264	344941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	839733	101.34	ng	-0.02
7) Phenol-d6	6.61	99	1029388	98.33	ng	-0.02
23) Nitrobenzene-d5	7.53	82	670634	73.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	288340	116.34	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1040572	66.81	ng	-0.01
78) Terphenyl-d14	13.08	244	980186	67.49	ng	0.00
Target Compounds						
10) Phenol	6.62	94	30930	2.706	ng	# 45
19) n-Nitroso-di-n-propylamine	7.52	70	92373	11.761	ng	# 76
25) Isophorone	7.53	82	670624	37.509	ng	# 64
49) Dimethylphthalate	9.71	163	260045	14.130	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	32856	6.960	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	534	6.477	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	18576	3.456	ng	# 1

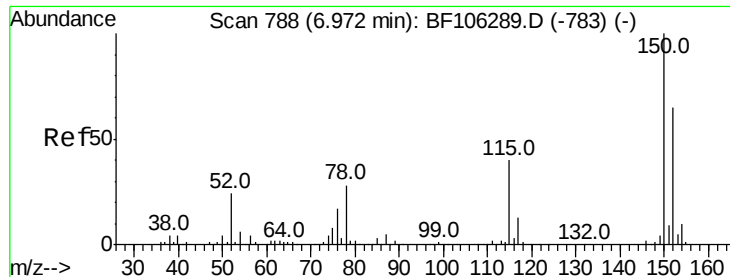
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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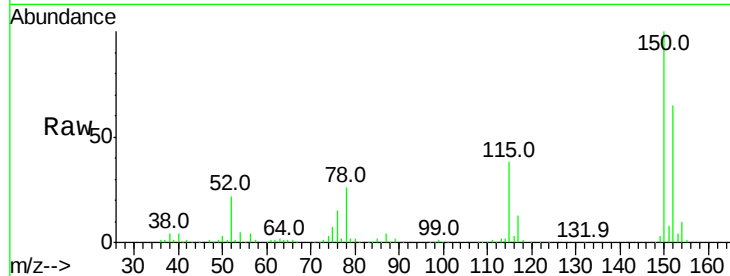


#1

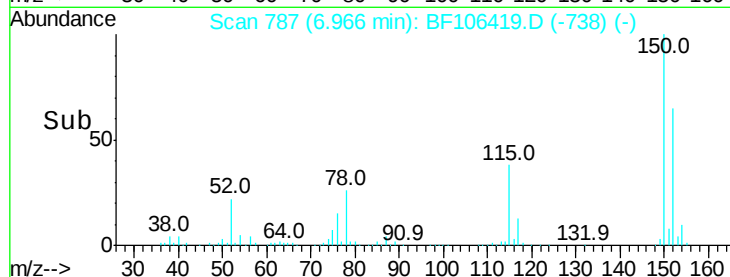
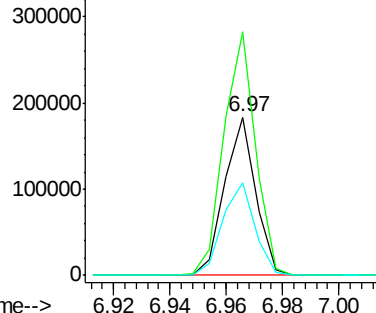
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140247
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 58.9 50.1 75.1



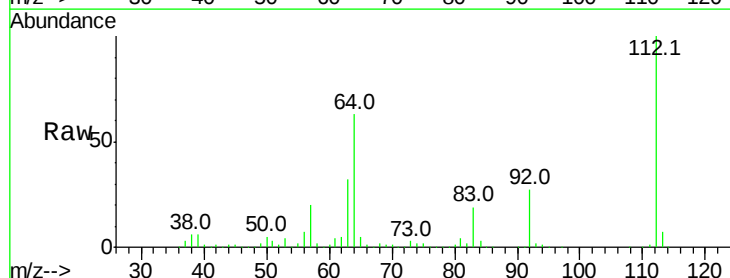
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



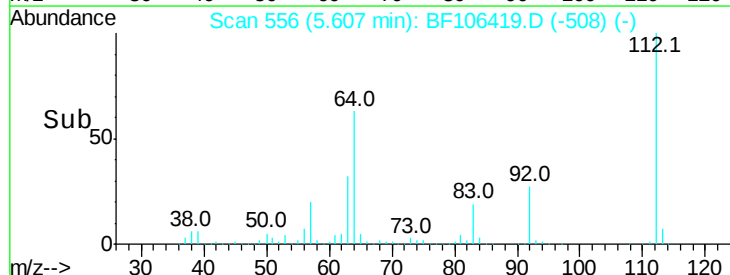
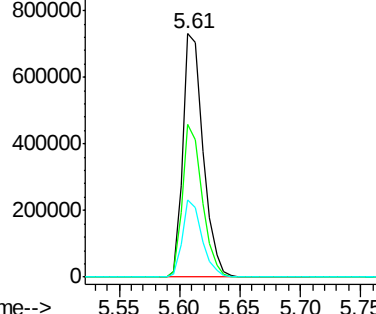
#5

2-Fluorophenol
Concen: 101.339 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Tgt Ion:112 Resp: 839733
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.326 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

Instrument :

BNA_F

ClientSampleId :

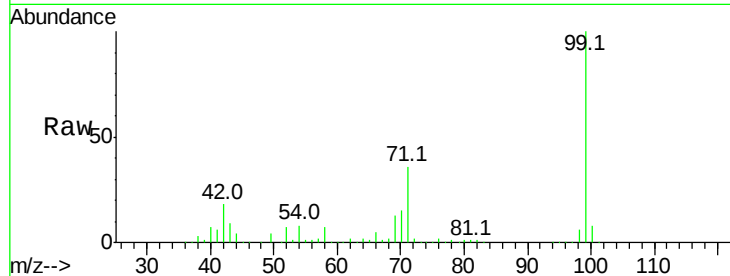
Tot Ion: 99 Resp: 1029388

Ion Ratio Lower Upper

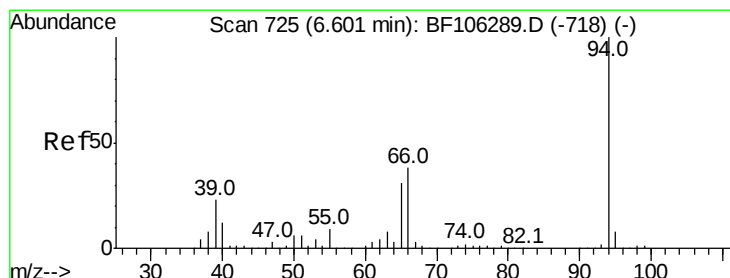
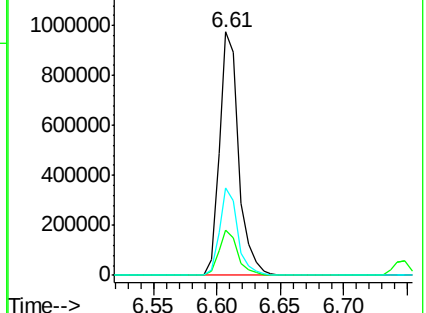
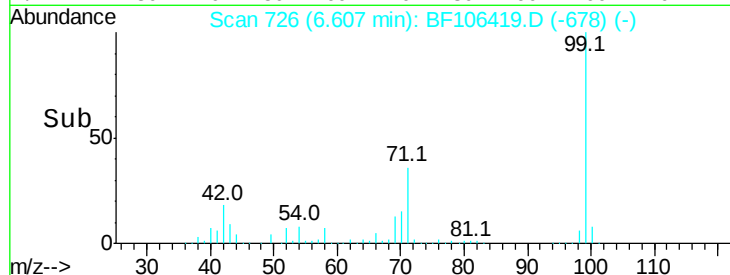
99 100

42 18.5 14.5 21.7

71 35.8 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



#10

Phenol

Concen: 2.706 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

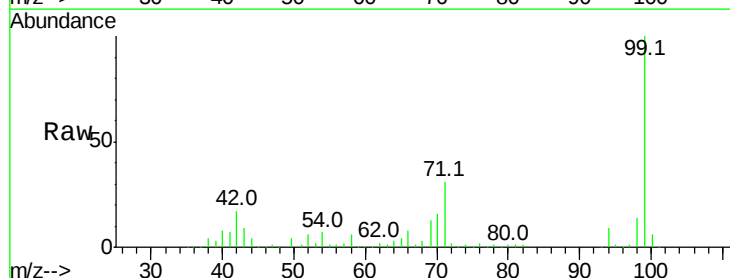
Tgt Ion: 94 Resp: 30930

Ion Ratio Lower Upper

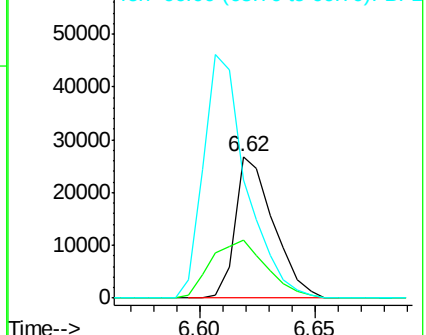
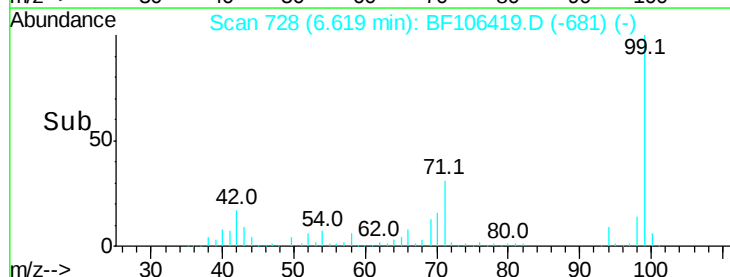
94 100

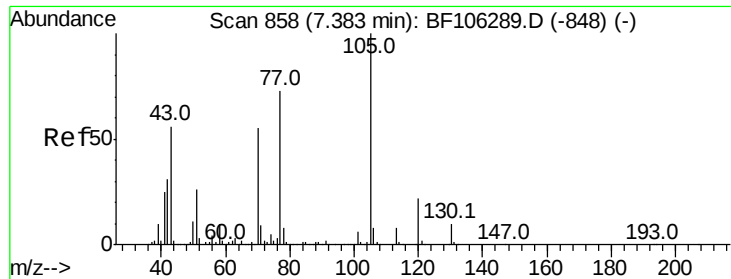
65 40.6 7.9 47.9

66 83.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

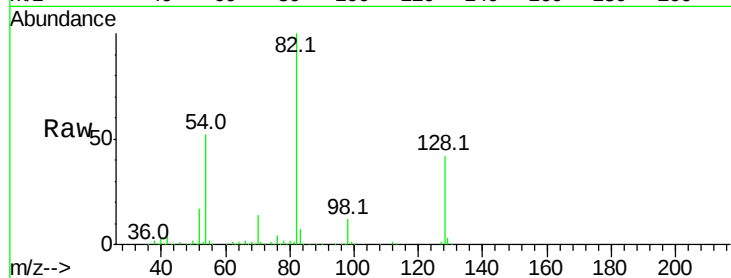




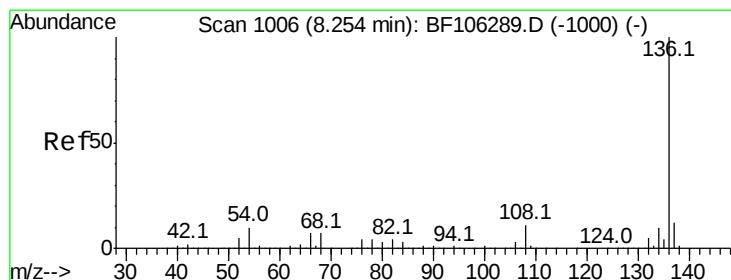
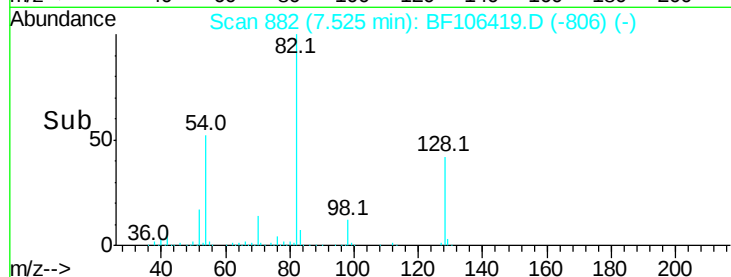
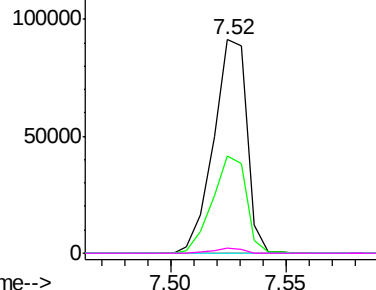
#19
n-Nitroso-di-n-propylamine
Concen: 11.761 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 92373
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

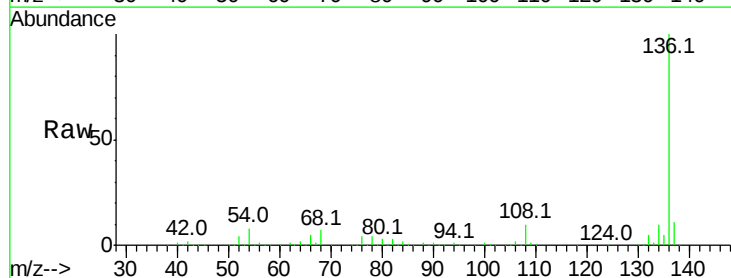


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

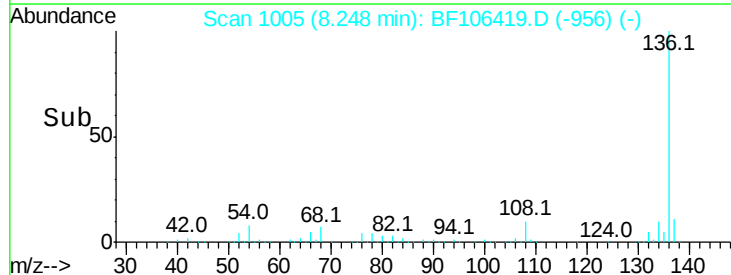
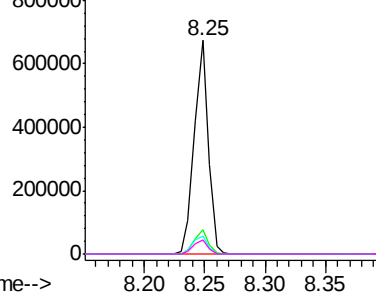


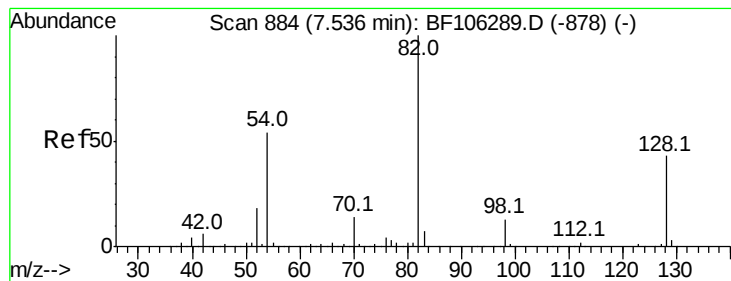
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Tgt Ion: 136 Resp: 538488
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.8 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 73.265 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

Instrument :

BNA_F

ClientSampled :

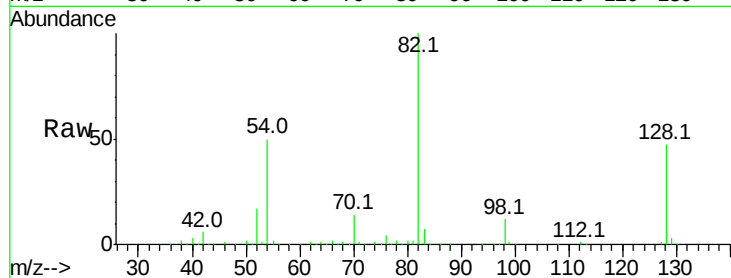
Tot Ion: 82 Resp: 670634

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

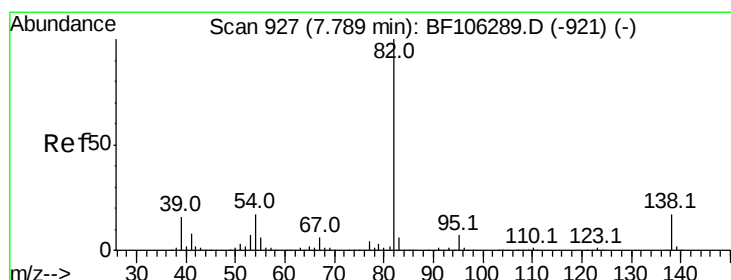
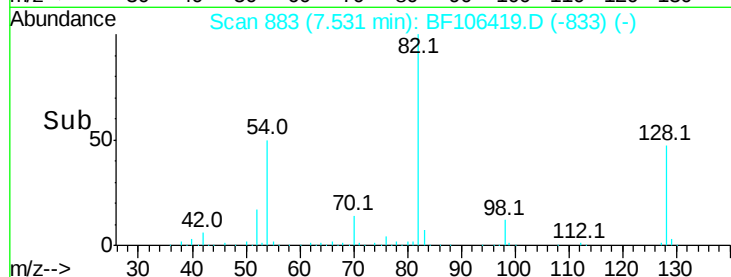
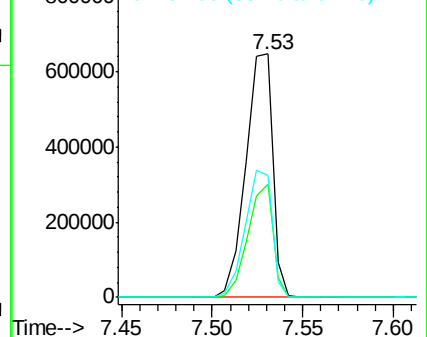
54 50.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 37.509 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

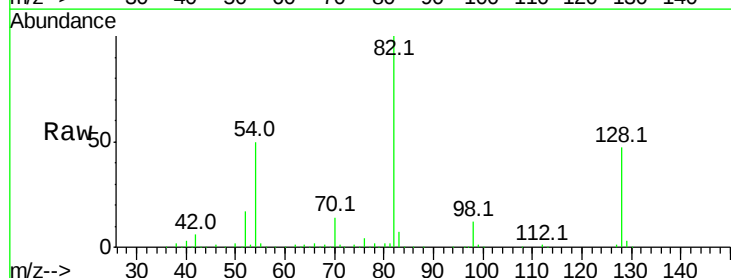
Tgt Ion: 82 Resp: 670624

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

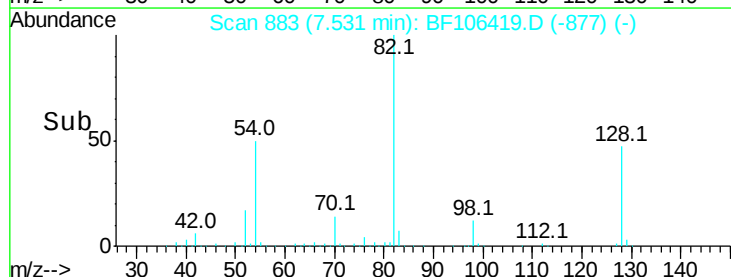
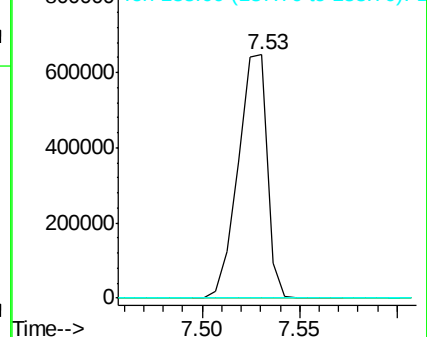
138 0.0 14.9 22.3#

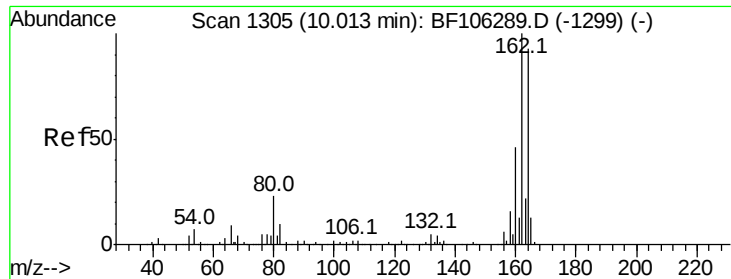


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

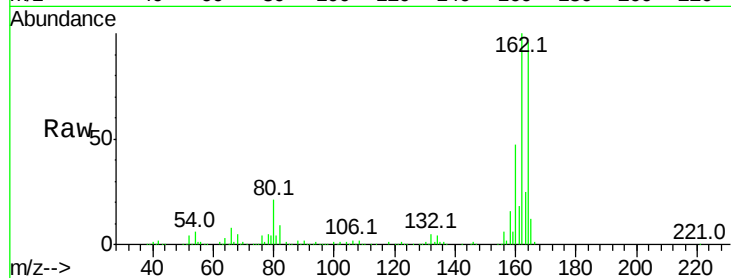




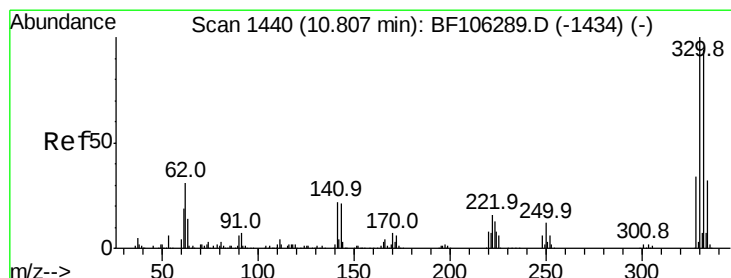
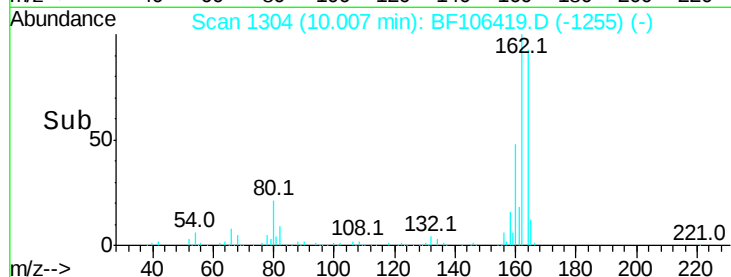
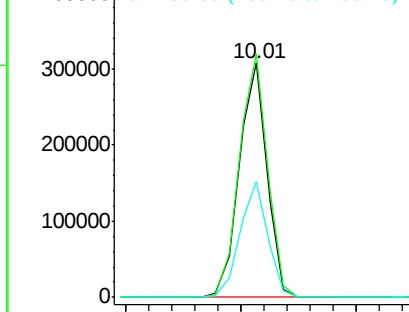
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 257588
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 49.3 38.3 57.5

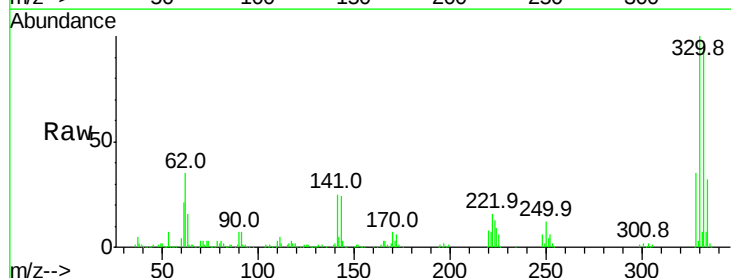


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

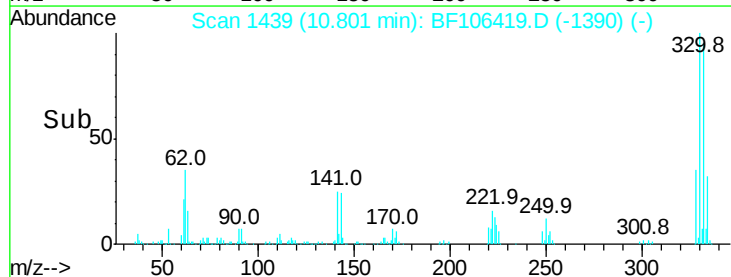
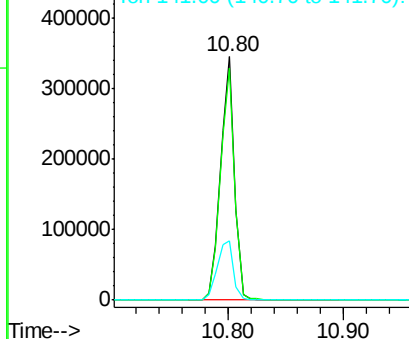


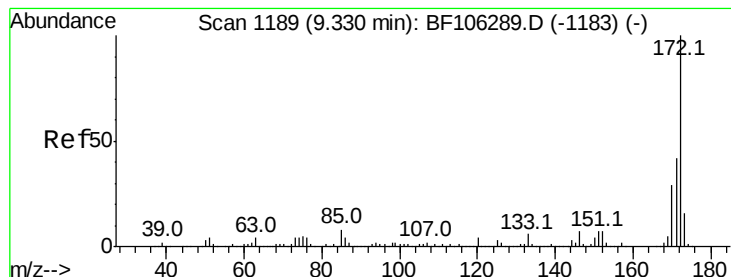
#41
2,4,6-Tribromophenol
Concen: 116.339 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Tgt Ion:330 Resp: 288340
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 28.1 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: 66.810 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

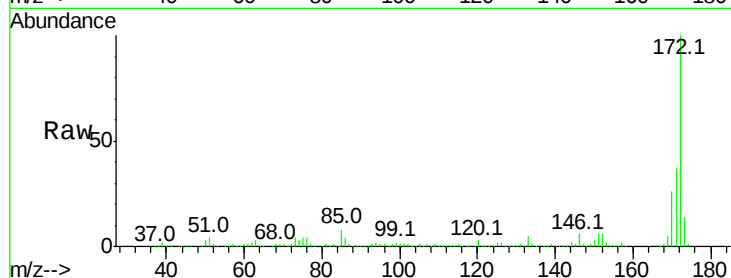
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1040572

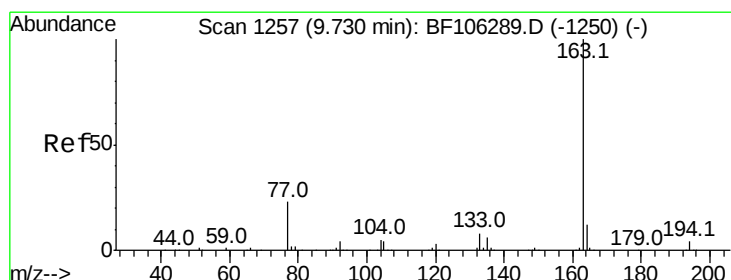
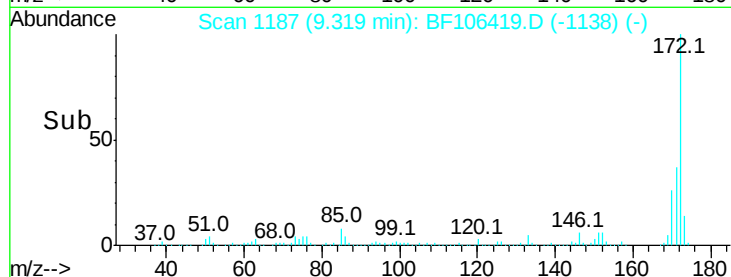
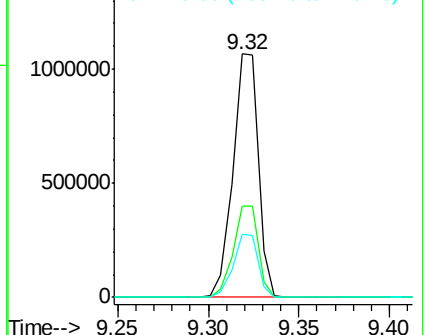
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.7	19.6	29.4



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: 14.130 ng

RT: 9.71 min Scan# 1254

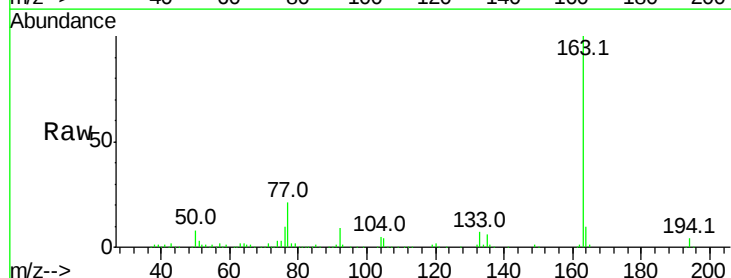
Delta R.T. -0.02 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

Tgt Ion:163 Resp: 260045

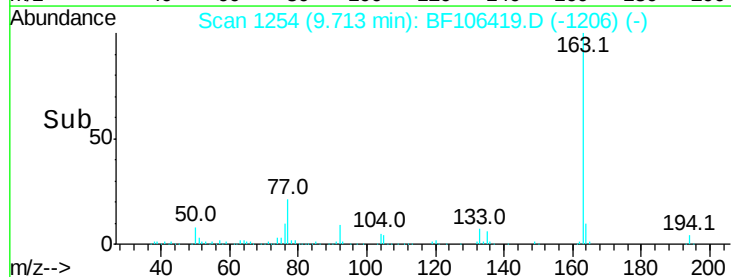
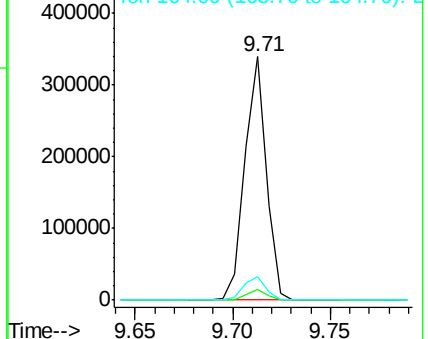
Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.6	8.2	12.2

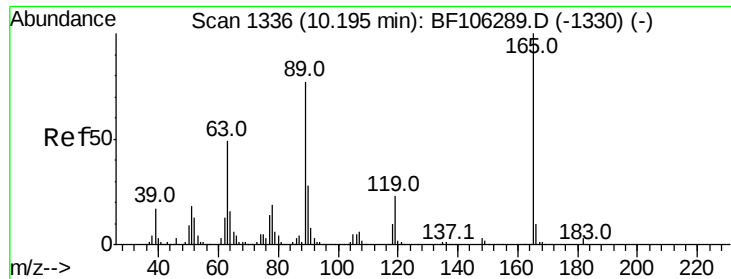


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.960 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32856

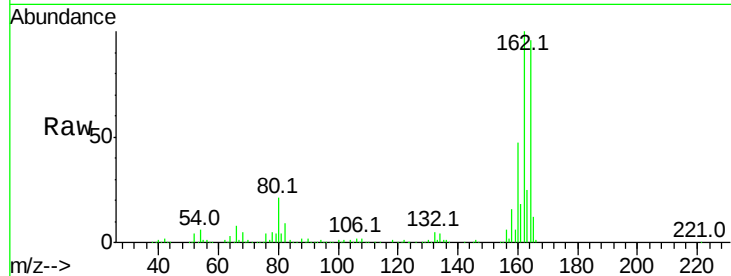
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

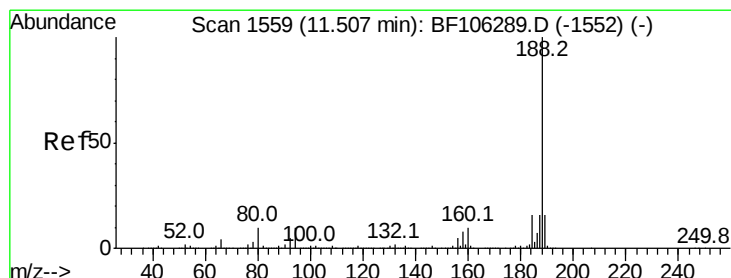
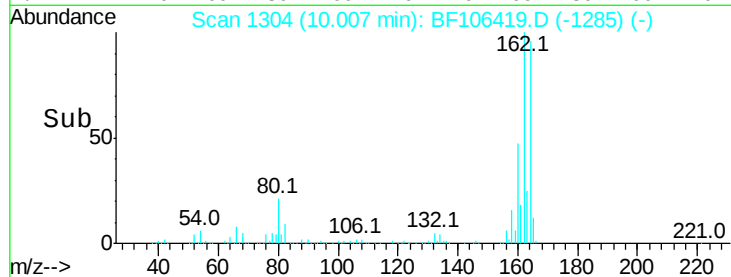
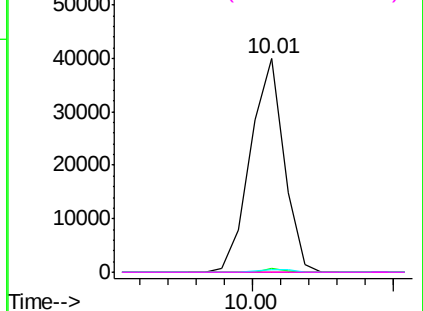


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

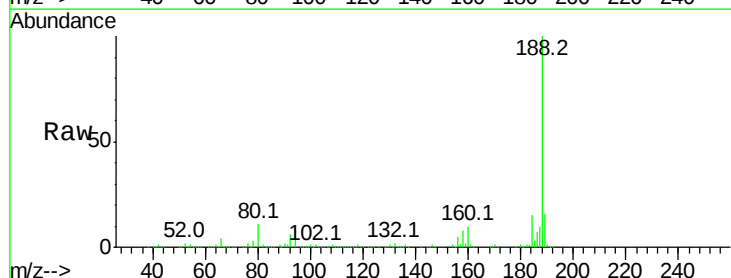
Tgt Ion:188 Resp: 472559

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

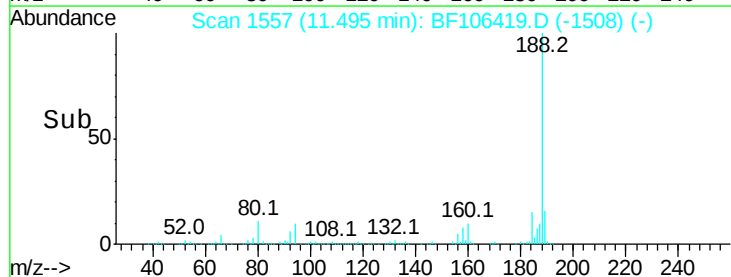
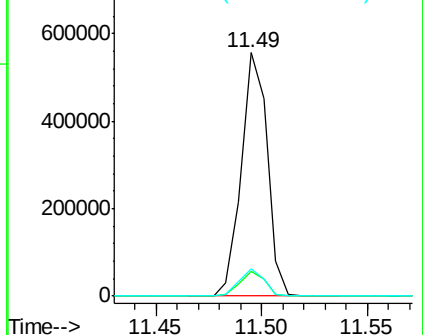
80 11.4 9.2 13.8

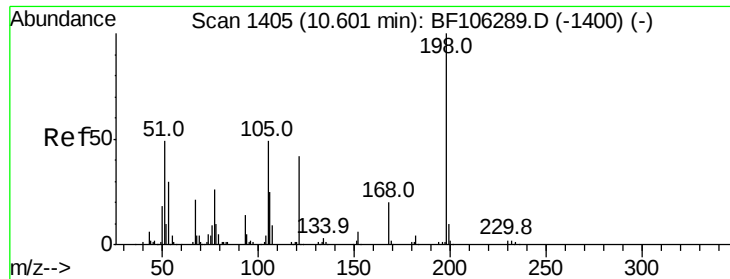


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

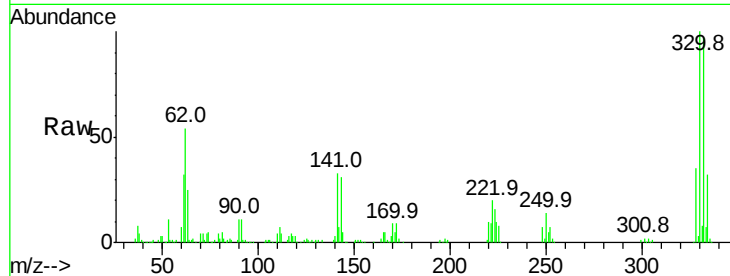




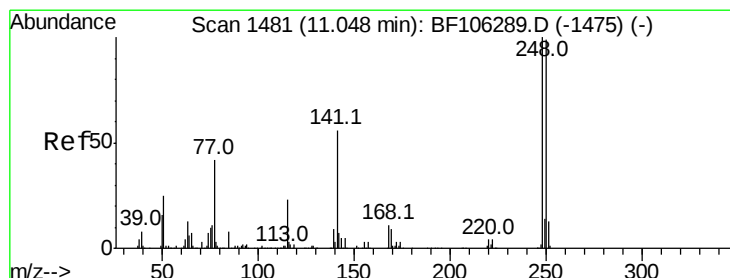
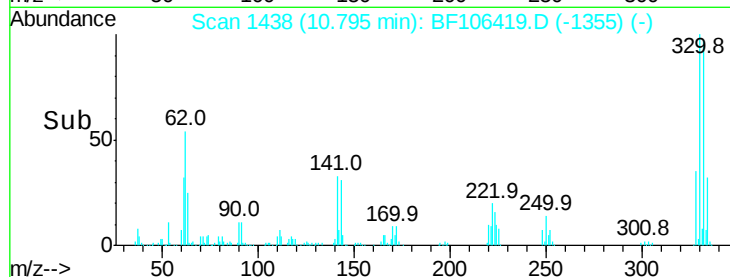
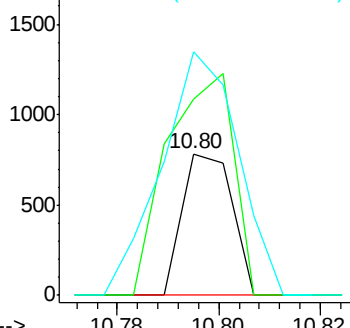
#64
4,6-Dinitro-2-methylphenol
Concen: 6.477 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 534
Ion Ratio Lower Upper
198 100
51 138.3 37.7 77.7#
105 172.0 36.3 76.3#

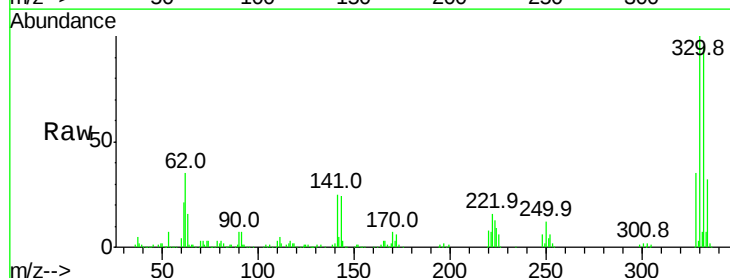


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

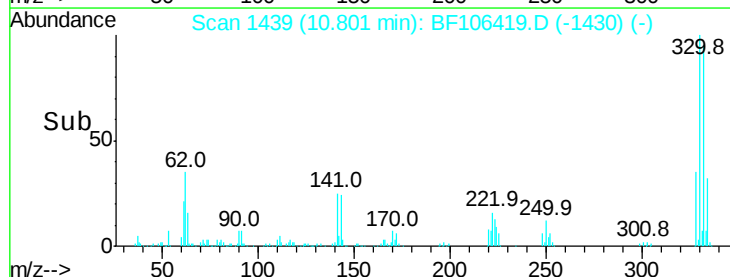
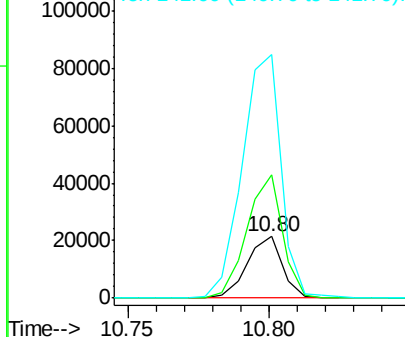


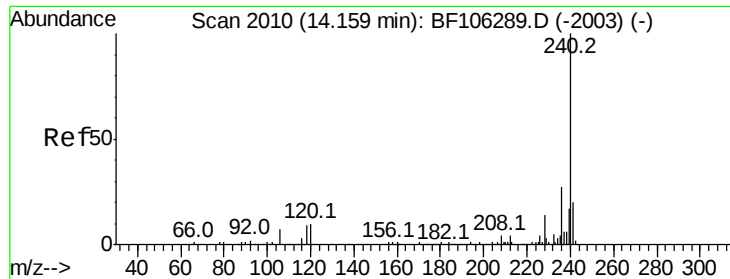
#66
4-Bromophenyl-phenylether
Concen: 3.456 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Tgt Ion:248 Resp: 18576
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 396.1 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

Instrument :

BNA_F

ClientSampleId :

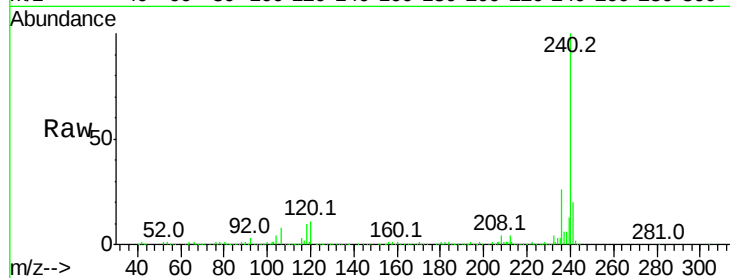
Tot Ion:240 Resp: 360714

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

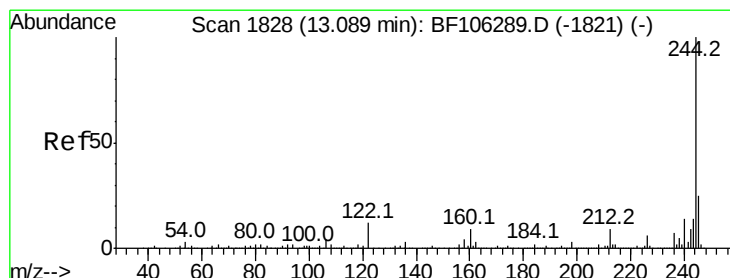
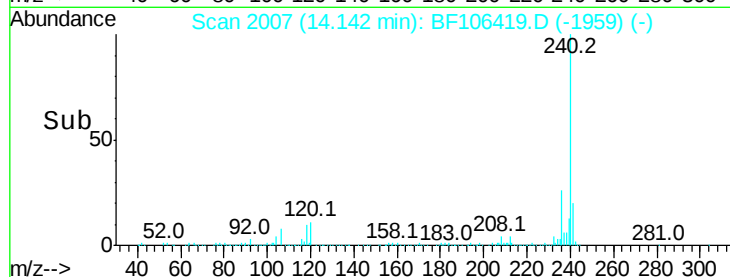
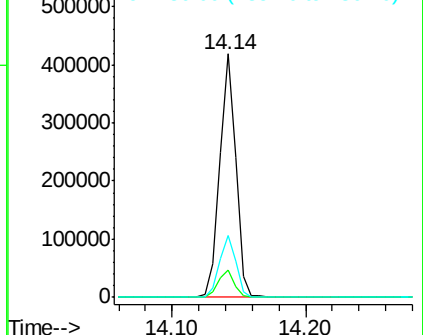
236 25.6 20.7 31.1



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: 67.493 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106419.D

Acq: 14 Jun 2018 4:23

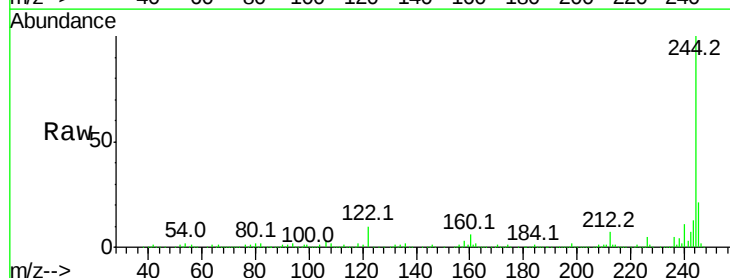
Tgt Ion:244 Resp: 980186

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

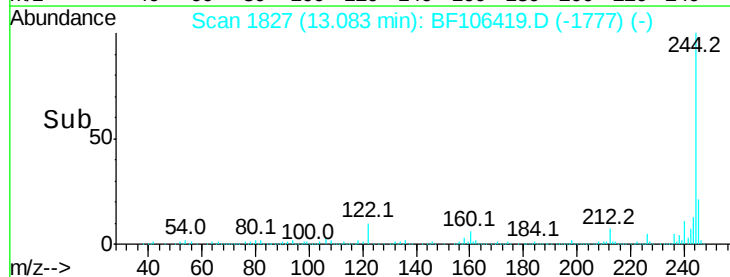
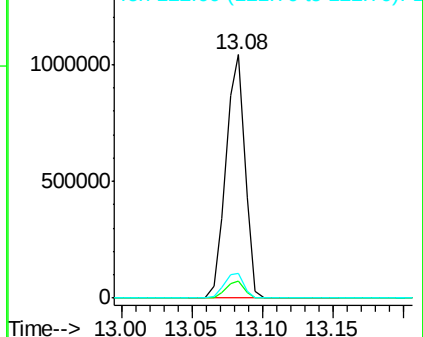
122 10.2 11.0 16.4#

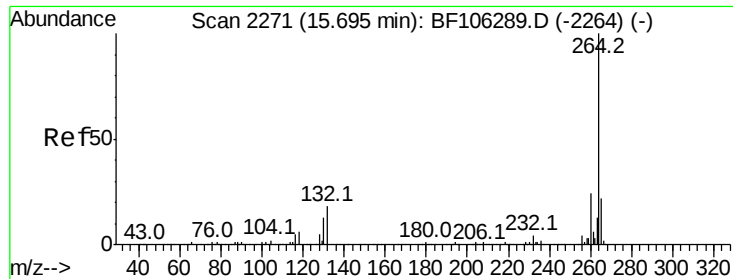


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF106419.D
Acq: 14 Jun 2018 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 344941
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.5 17.5 26.3

