

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106351.D
 Acq On : 12 Jun 2018 18:16
 Operator : JU/SJ
 Sample : J3415-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

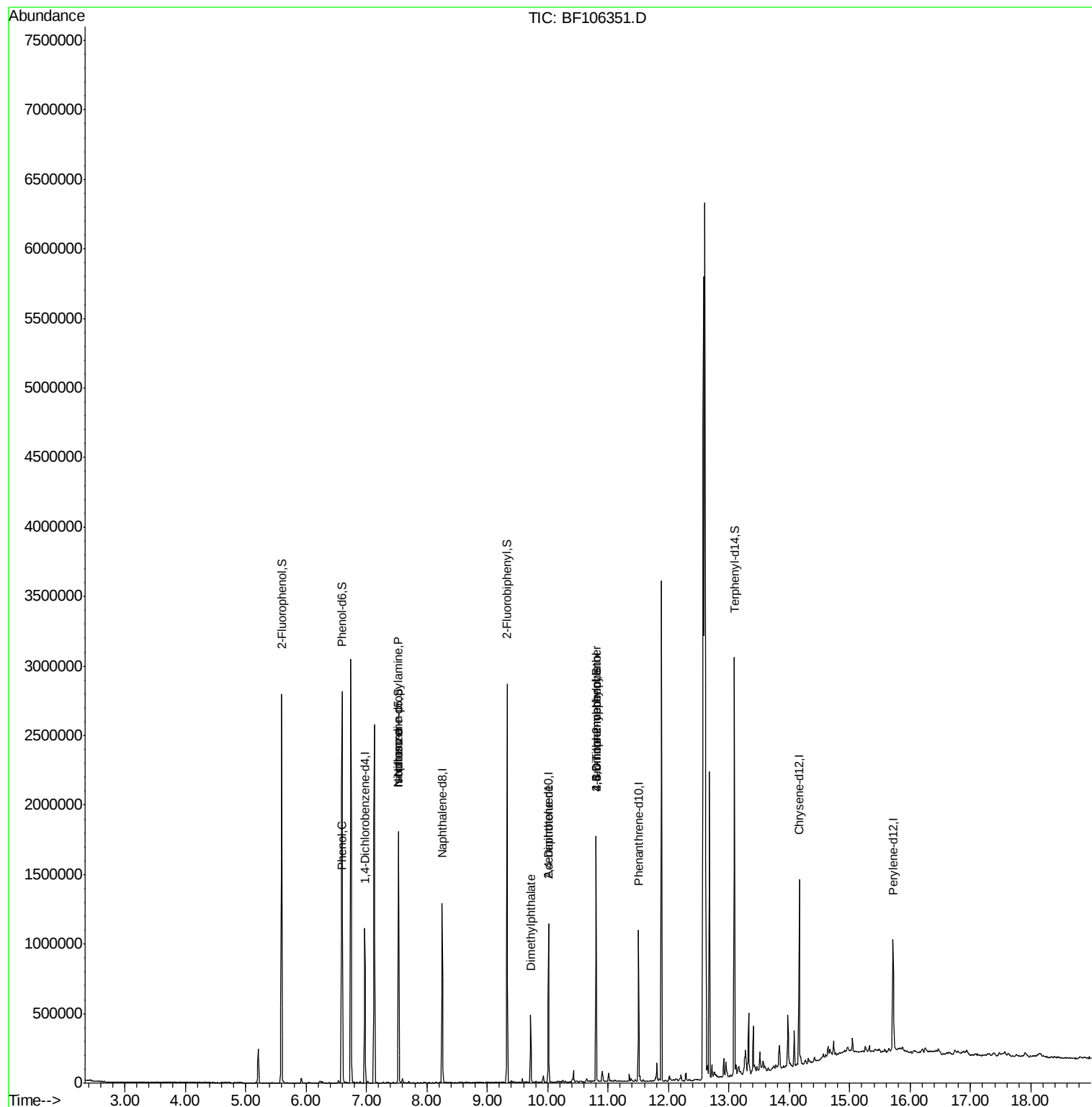
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145351	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	494484	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	200491	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	396347	20.00	ng	0.00
75) Chrysene-d12	14.17	240	467207	20.00	ng	0.00
86) Perylene-d12	15.72	264	359813	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	791554	92.17	ng	0.01
7) Phenol-d6	6.60	99	930384	85.75	ng	0.00
23) Nitrobenzene-d5	7.53	82	585309	69.63	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	205546	106.55	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	860565	72.72	ng	0.00
78) Terphenyl-d14	13.09	244	1016920	54.06	ng	0.00
Target Compounds						
10) Phenol	6.61	94	26670	2.252	ng	97
19) n-Nitroso-di-n-propylamine	7.53	70	80807	9.927	ng	# 76
25) Isophorone	7.53	82	585301	35.650	ng	# 64
49) Dimethylphthalate	9.72	163	155509	10.857	ng	99
56) 2,4-Dinitrotoluene	10.01	165	25444	6.925	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	491	6.494	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13676	3.034	ng	# 1

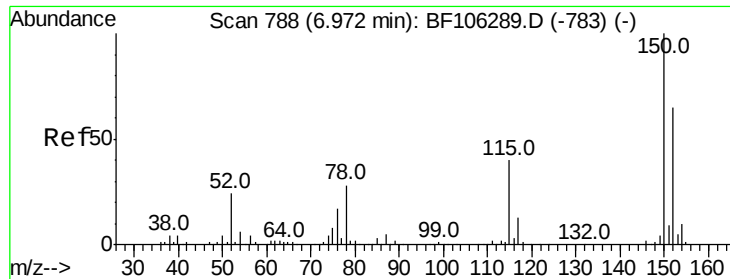
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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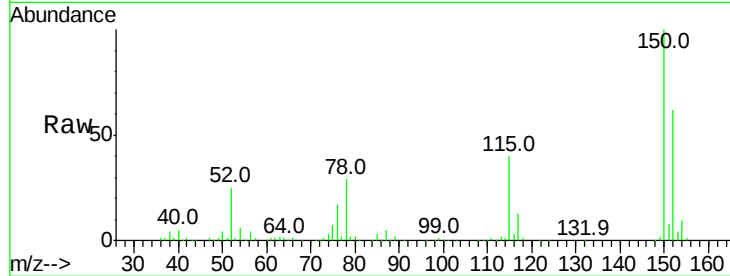


#1

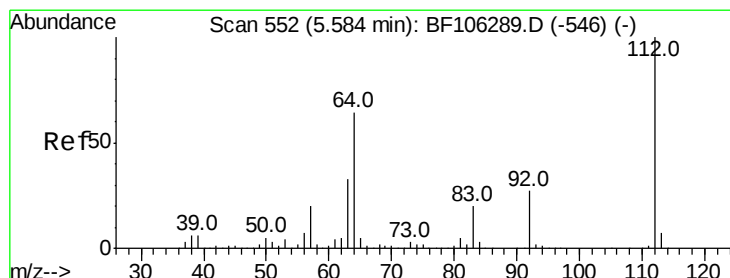
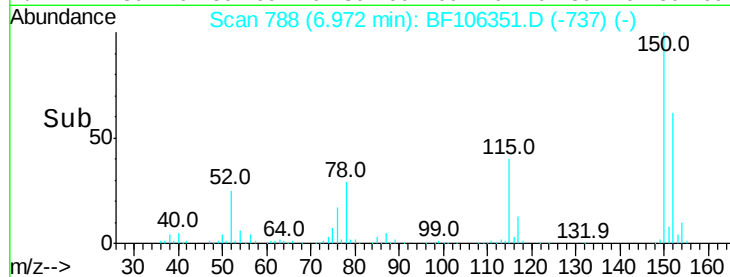
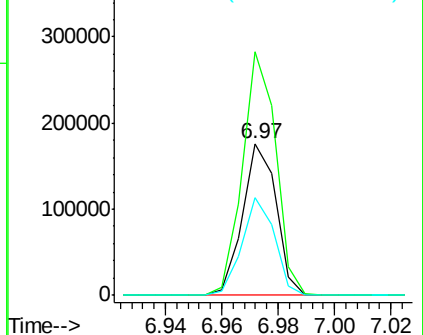
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145351
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 64.2 50.1 75.1



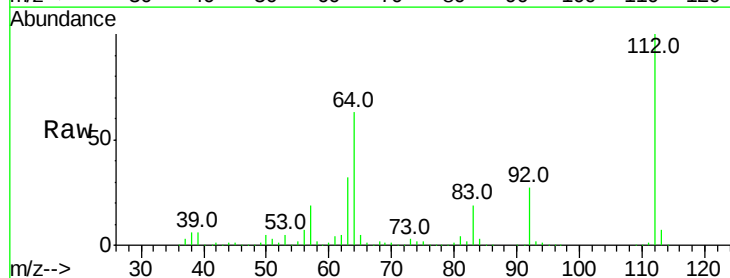
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



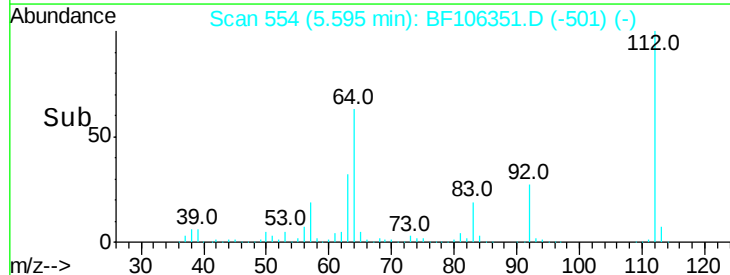
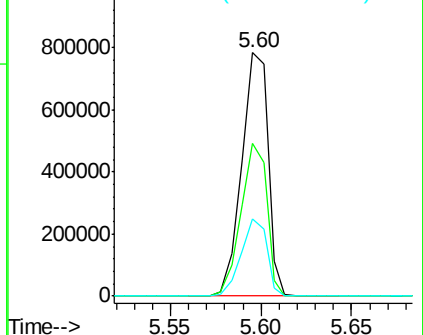
#5

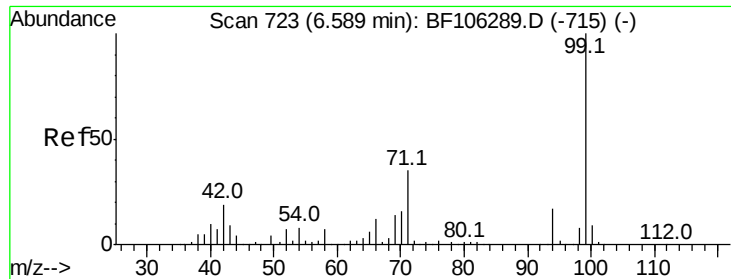
2-Fluorophenol
Concen: 92.170 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Tgt Ion:112 Resp: 791554
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.6 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: 85.749 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

Instrument :

BNA_F

ClientSampled :

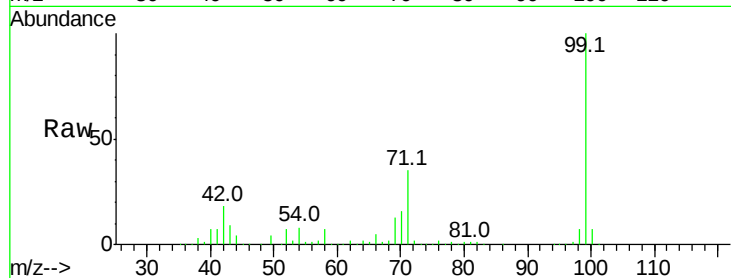
Tot Ion: 99 Resp: 930384

Ion Ratio Lower Upper

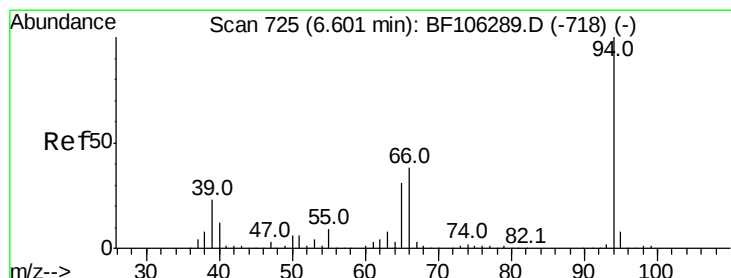
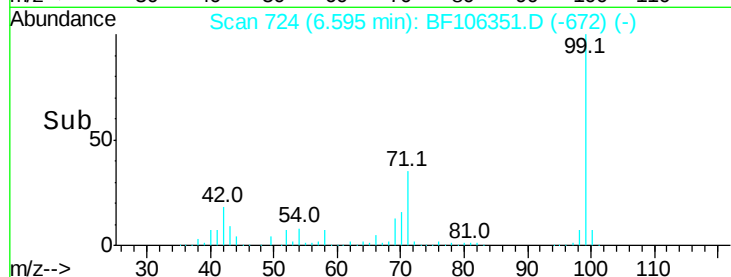
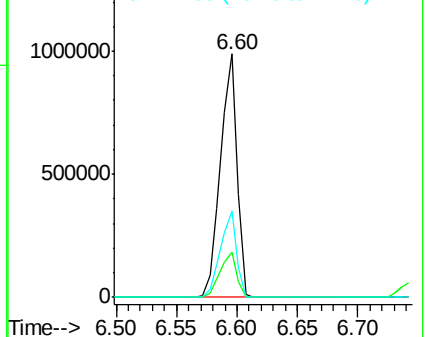
99 100

42 18.5 14.5 21.7

71 35.5 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: 2.252 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

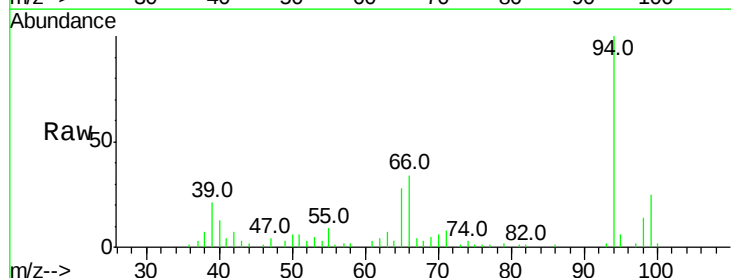
Tgt Ion: 94 Resp: 26670

Ion Ratio Lower Upper

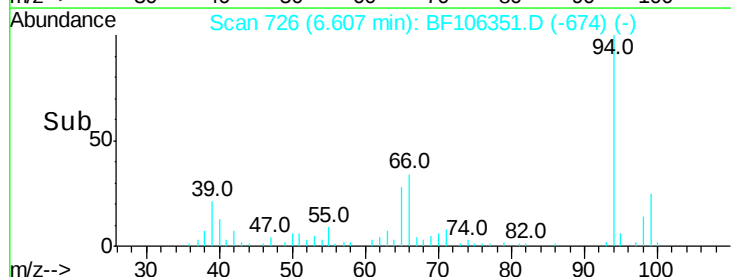
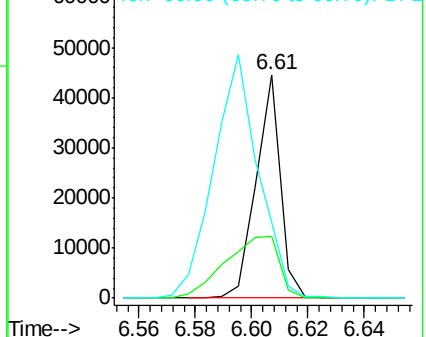
94 100

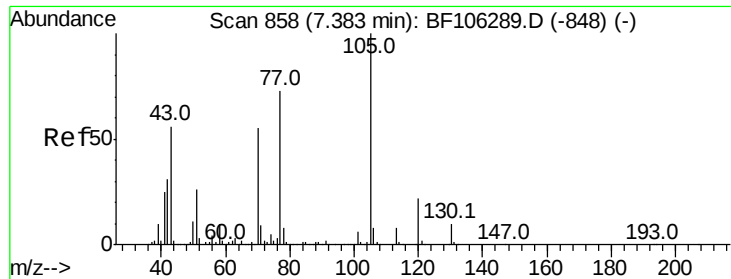
65 27.5 7.9 47.9

66 33.7 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

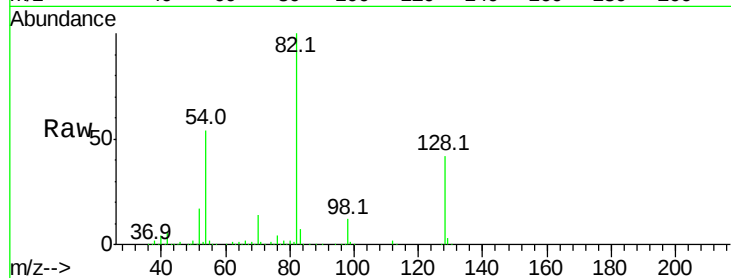




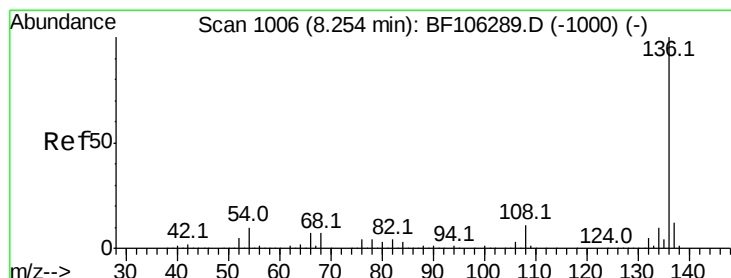
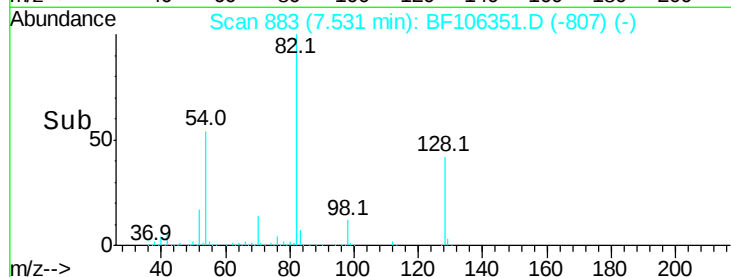
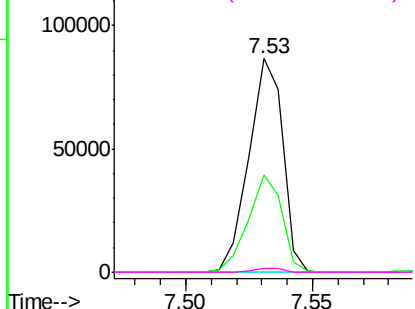
#19
n-Nitroso-di-n-propylamine
Concen: 9.927 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 80807
Ion Ratio Lower Upper
70 100
42 45.8 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#

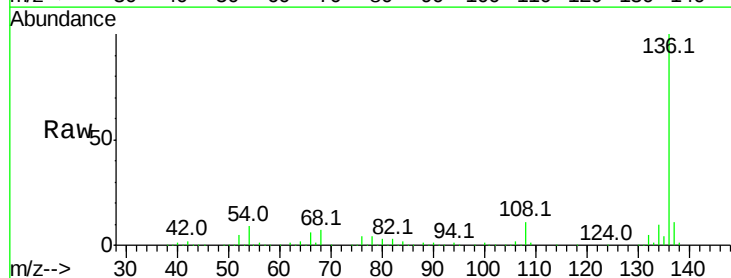


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

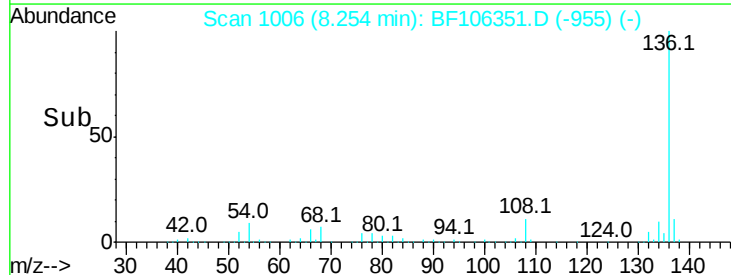
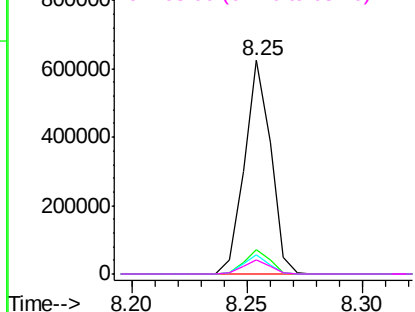


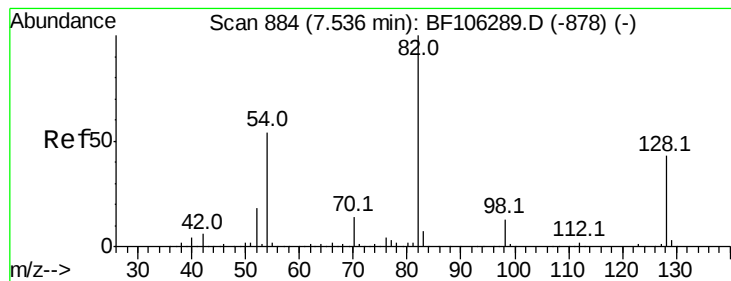
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Tgt Ion:136 Resp: 494484
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.9 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: 69.634 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

Instrument :

BNA_F

ClientSampleId :

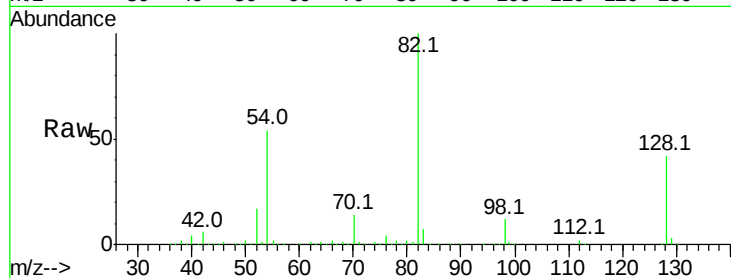
Tot Ion: 82 Resp: 585309

Ion Ratio Lower Upper

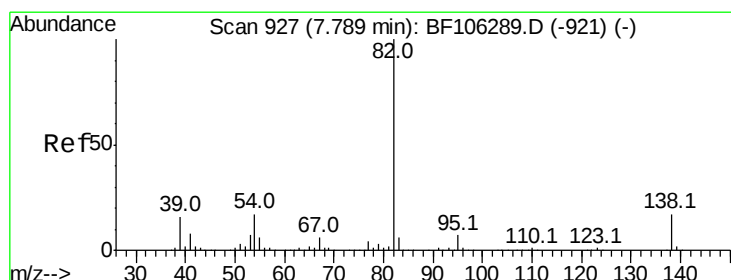
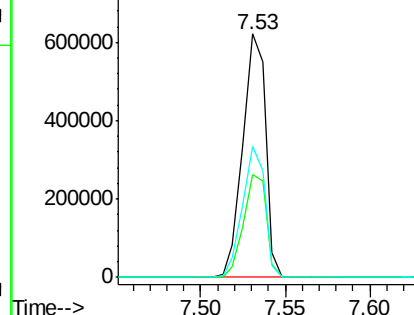
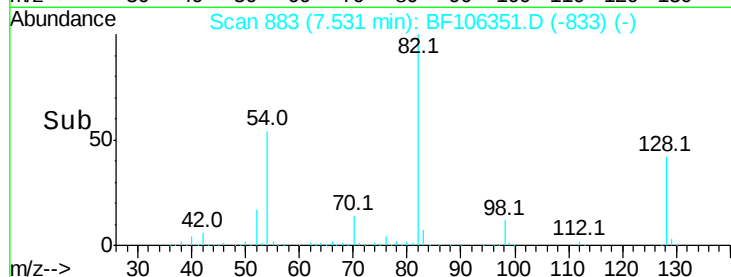
82 100

128 42.0 36.1 54.1

54 53.6 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: 35.650 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

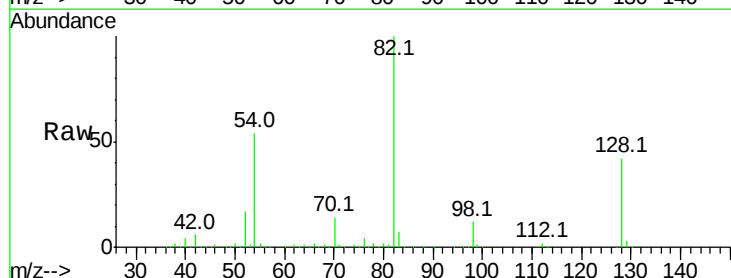
Tgt Ion: 82 Resp: 585301

Ion Ratio Lower Upper

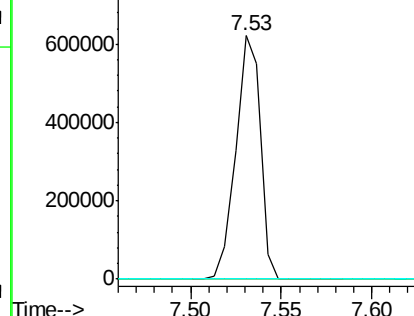
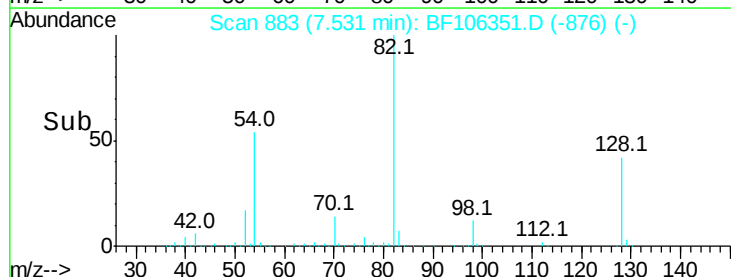
82 100

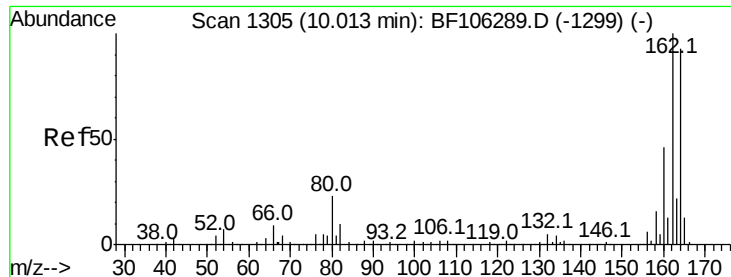
95 0.0 5.2 7.8#

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# 1305

Delta R.T. 0.00 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

Instrument :

BNA_F

ClientSampleId :

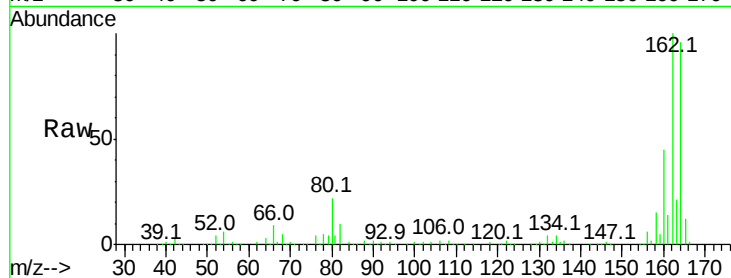
Tot Ion:164 Resp: 200491

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

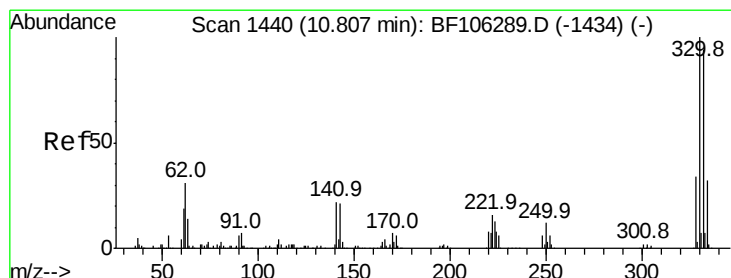
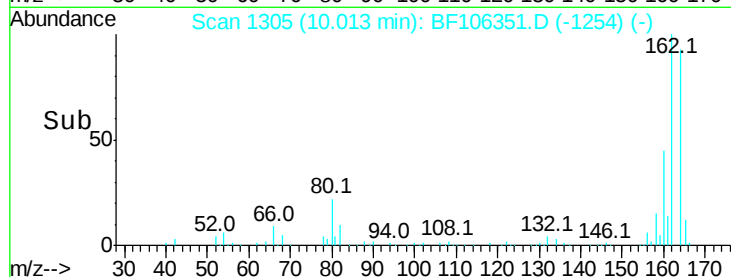
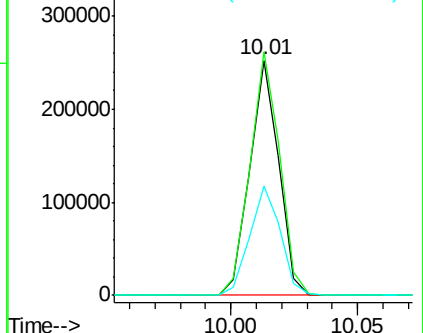
160 46.8 38.3 57.5



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: 106.552 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

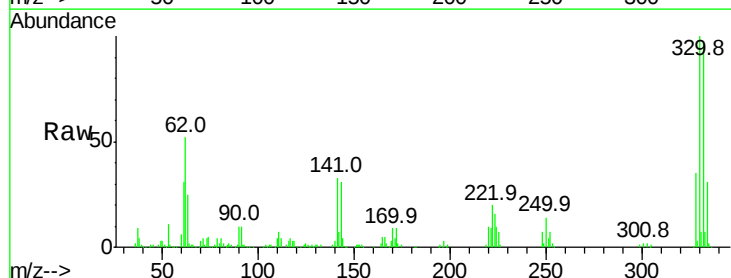
Tgt Ion:330 Resp: 205546

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

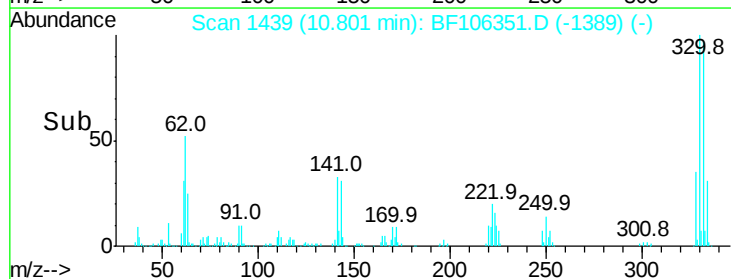
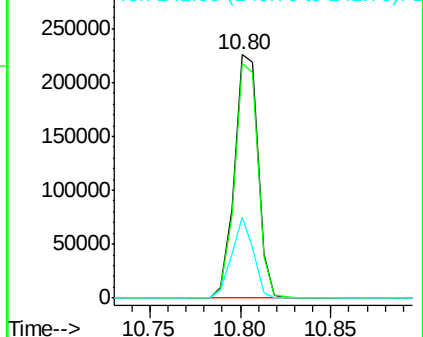
141 30.4 29.9 44.9

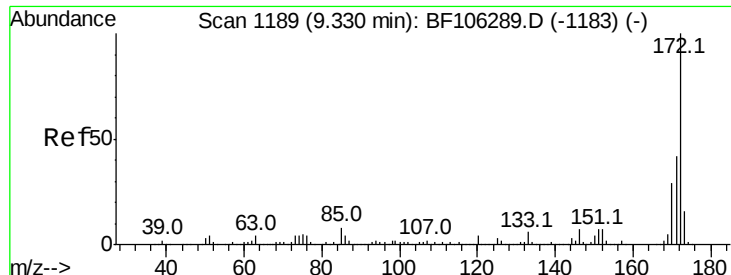


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

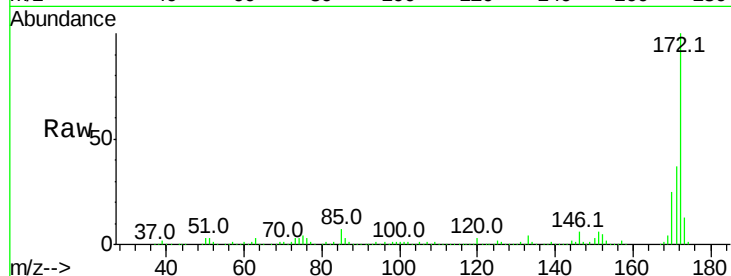




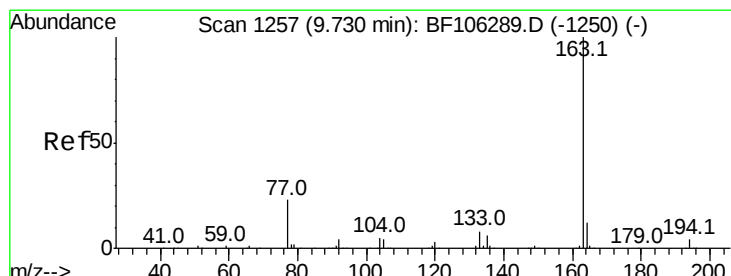
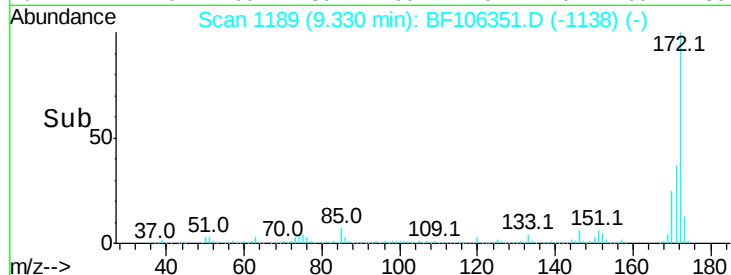
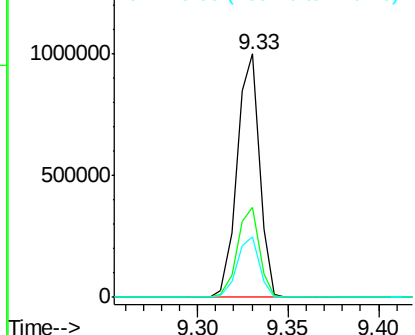
#44
2-Fluorobiphenyl
Concen: 72.717 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 860565
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.1 19.6 29.4

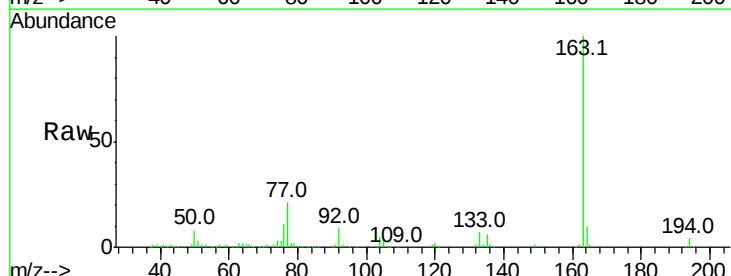


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

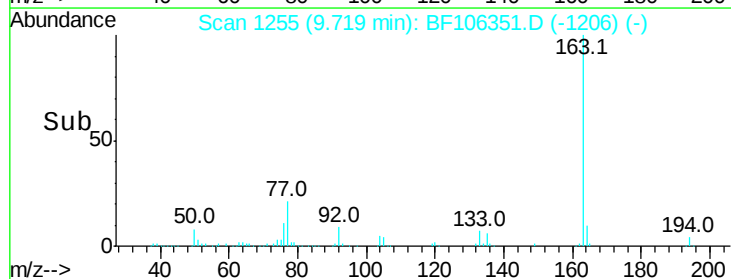
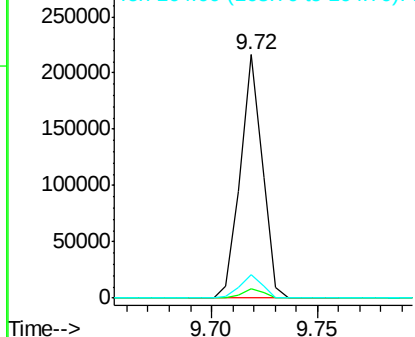


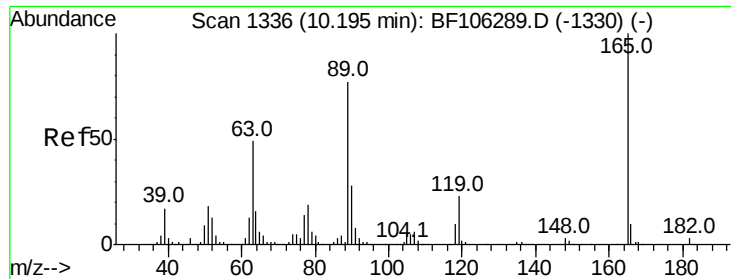
#49
Dimethylphthalate
Concen: 10.857 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Tgt Ion:163 Resp: 155509
Ion Ratio Lower Upper
163 100
194 3.7 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

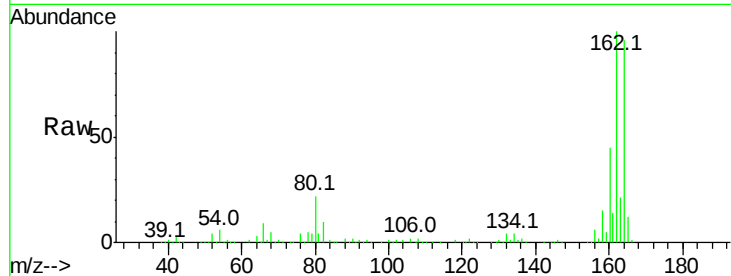




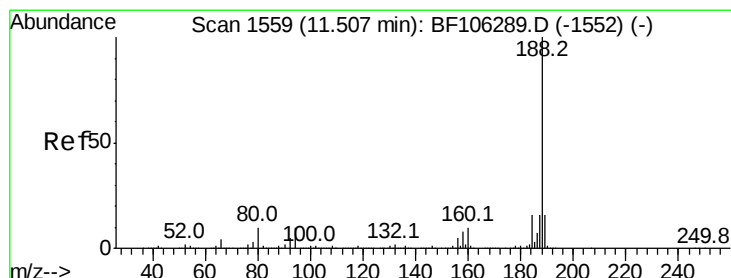
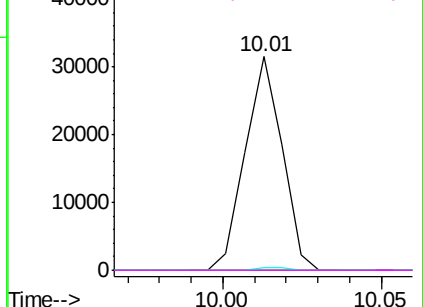
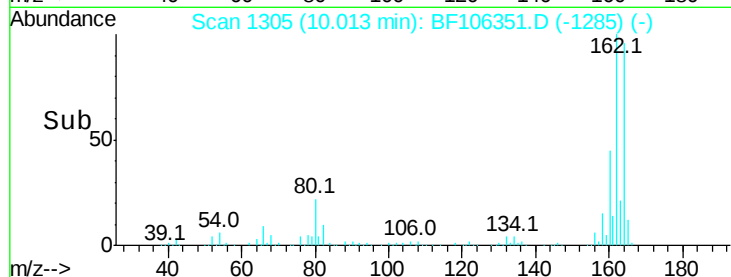
#56
 2,4-Dinitrotoluene
 Concen: 6.925 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.18 min
 Lab File: BF106351.D
 Acq: 12 Jun 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25444
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

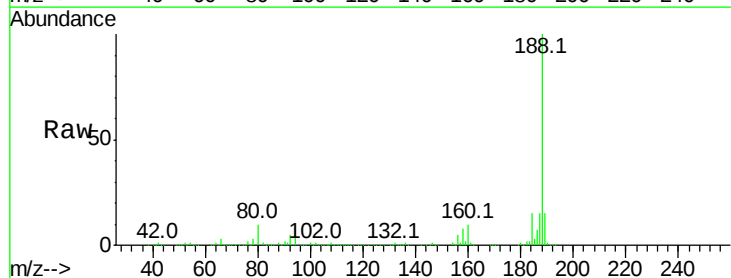


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

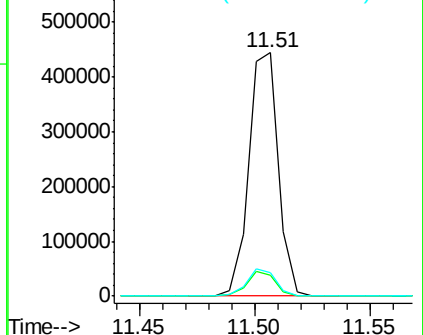
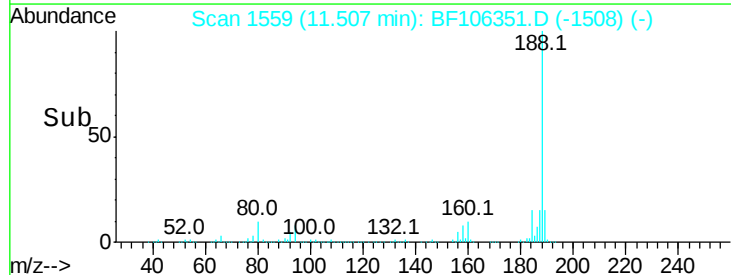


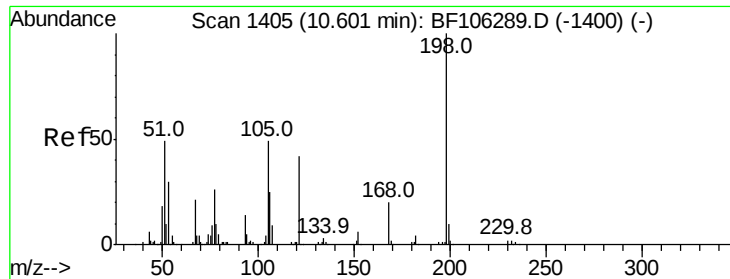
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106351.D
 Acq: 12 Jun 2018 18:16

Tgt Ion:188 Resp: 396347
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.8 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

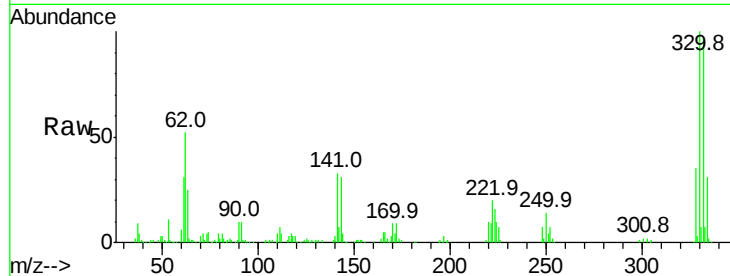




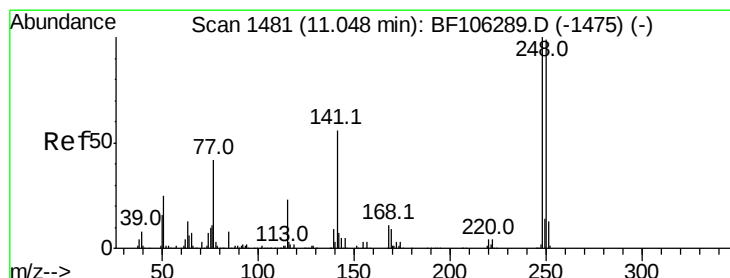
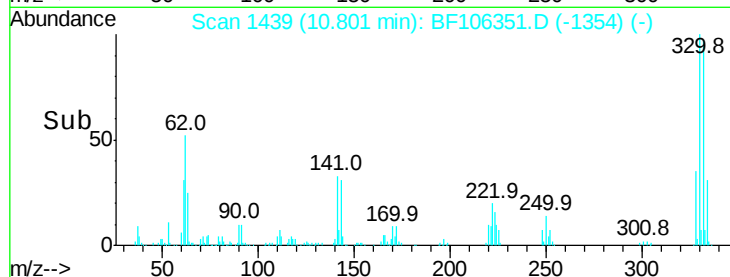
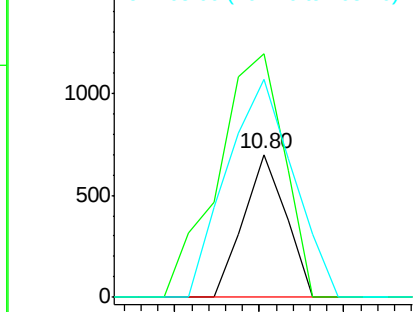
#64
4,6-Dinitro-2-methylphenol
Concen: 6.494 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 491
Ion Ratio Lower Upper
198 100
51 170.4 37.7 77.7#
105 152.3 36.3 76.3#

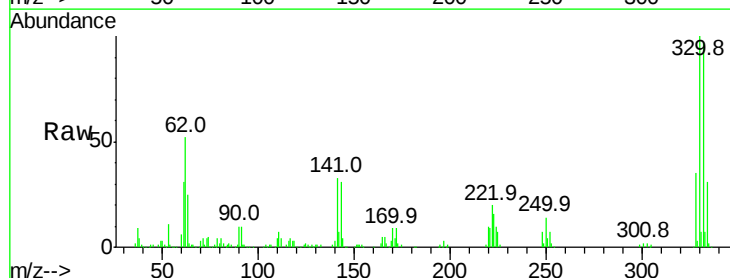


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

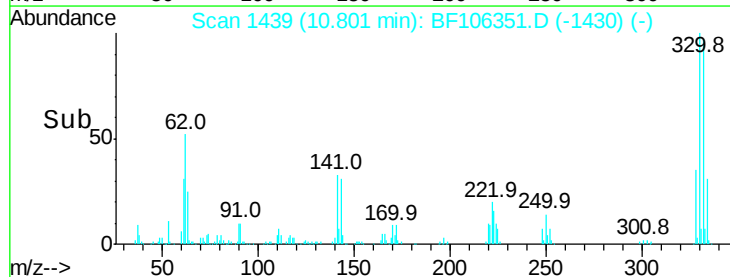
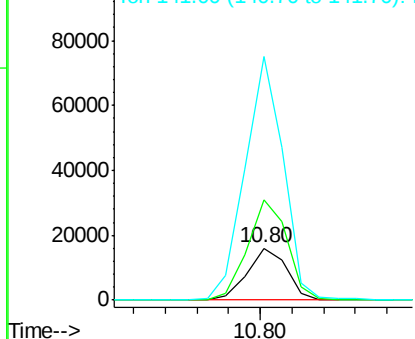


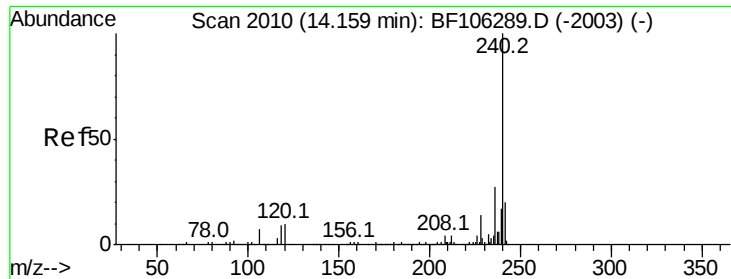
#66
4-Bromophenyl-phenylether
Concen: 3.034 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Tgt Ion:248 Resp: 13676
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 469.9 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: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

Instrument :

BNA_F

ClientSampleId :

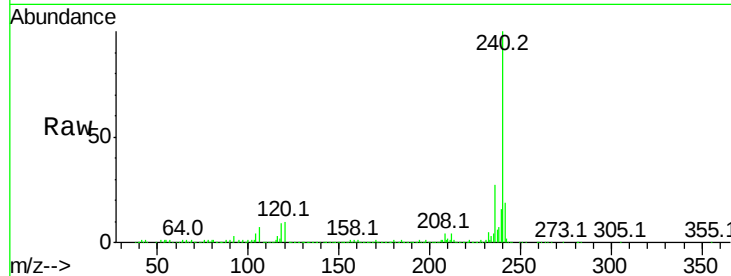
Tot Ion:240 Resp: 467207

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

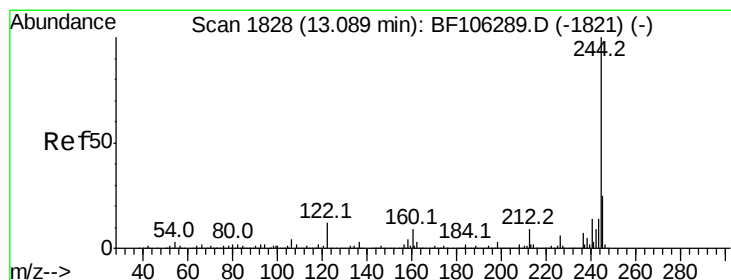
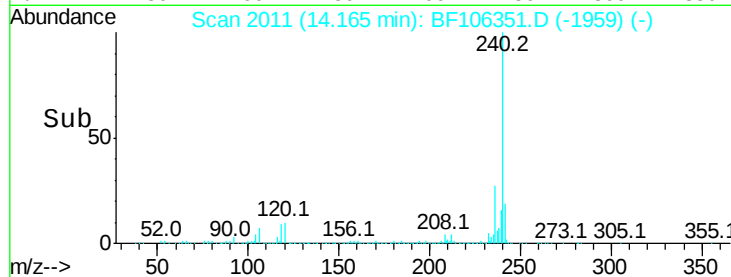
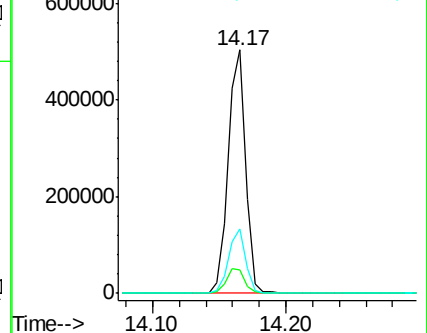
236 26.6 20.7 31.1



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: 54.062 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106351.D

Acq: 12 Jun 2018 18:16

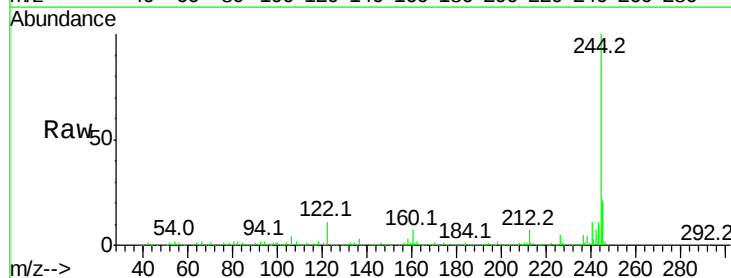
Tgt Ion:244 Resp: 1016920

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

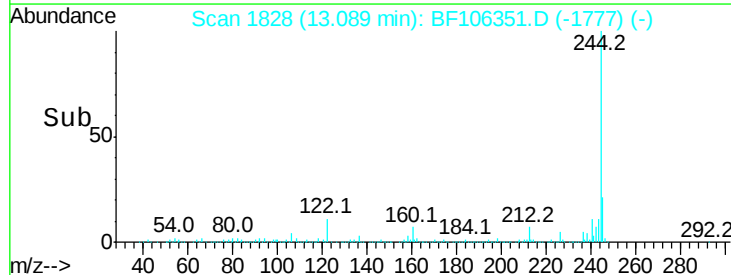
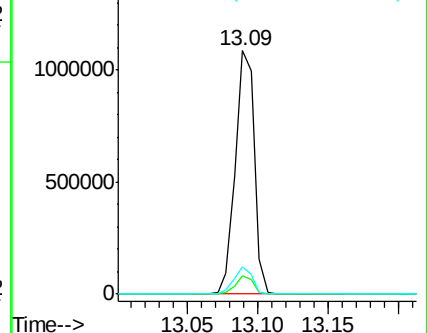
122 11.4 11.0 16.4

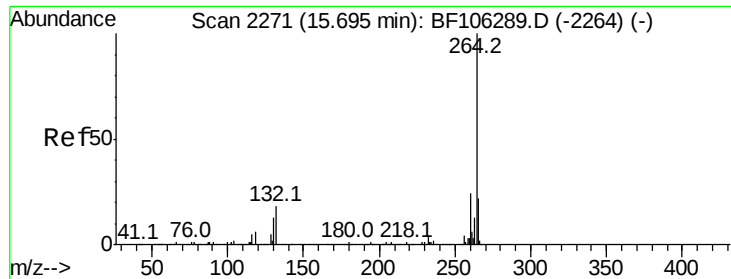


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

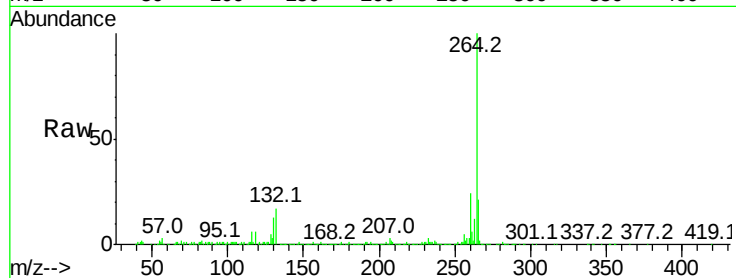




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF106351.D
Acq: 12 Jun 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

