

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106350.D
 Acq On : 12 Jun 2018 17:47
 Operator : JU/SJ
 Sample : J3415-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:26 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	147799	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	491478	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	195983	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	394592	20.00	ng	0.00
75) Chrysene-d12	14.16	240	452425	20.00	ng	0.00
86) Perylene-d12	15.71	264	346119	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	785220	89.92	ng	0.01
7) Phenol-d6	6.60	99	935156	84.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	587054	70.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	210887	111.84	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	880838	77.62	ng	0.00
78) Terphenyl-d14	13.09	244	1080982	59.35	ng	0.00

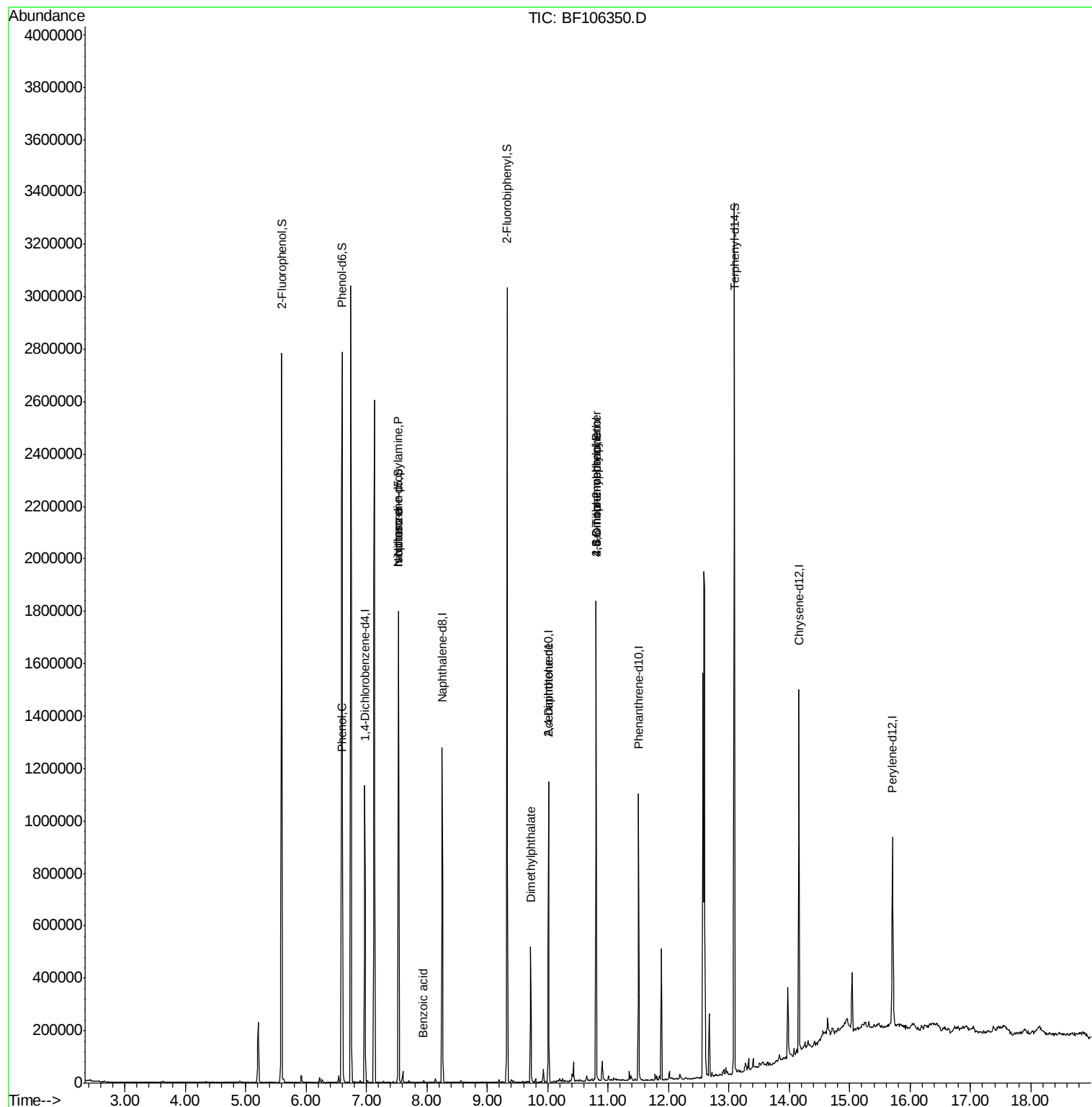
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	25746	2.138	ng	94
19) n-Nitroso-di-n-propylamine	7.53	70	79035	9.549	ng	# 76
25) Isophorone	7.53	82	587038	35.975	ng	# 64
32) Benzoic acid	7.93	122	129	7.310	ng	# 85
49) Dimethylphthalate	9.72	163	163956	11.710	ng	99
56) 2,4-Dinitrotoluene	10.01	165	25228	7.024	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	422	6.467	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14693	3.274	ng	# 1

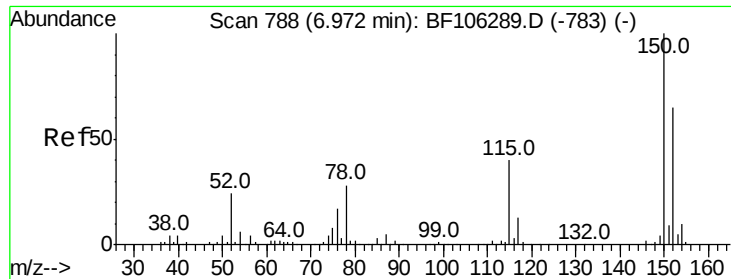
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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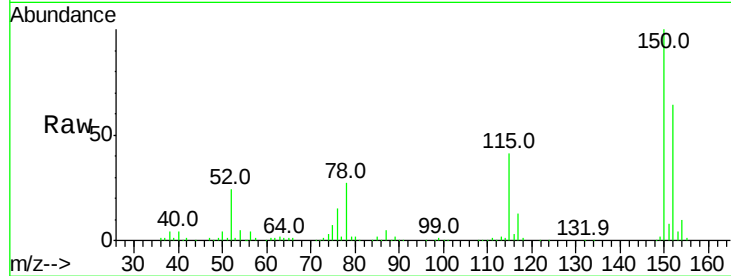


#1

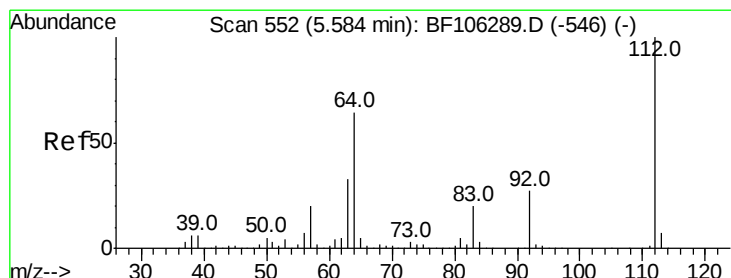
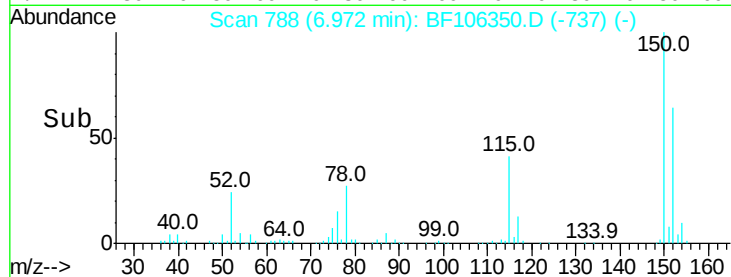
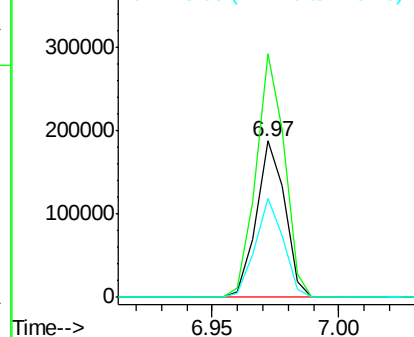
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147799
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 63.3 50.1 75.1



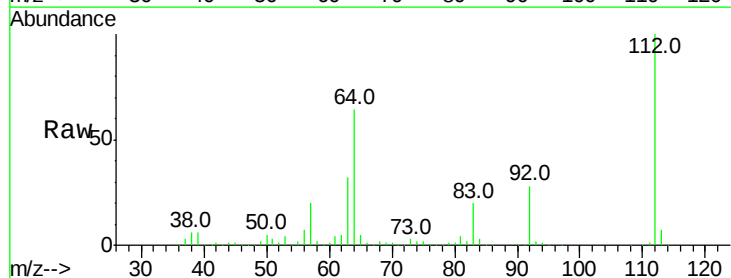
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



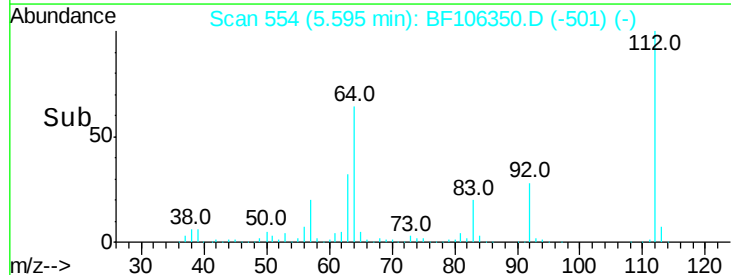
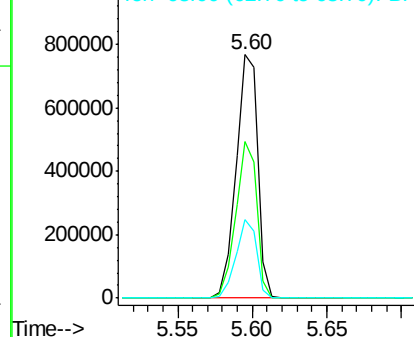
#5

2-Fluorophenol
Concen: 89.918 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Tgt Ion:112 Resp: 785220
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 32.1 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: 84.761 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

Instrument :

BNA_F

ClientSampleId :

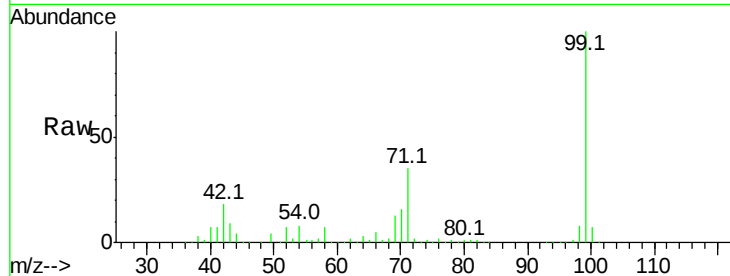
Tot Ion: 99 Resp: 935156

Ion Ratio Lower Upper

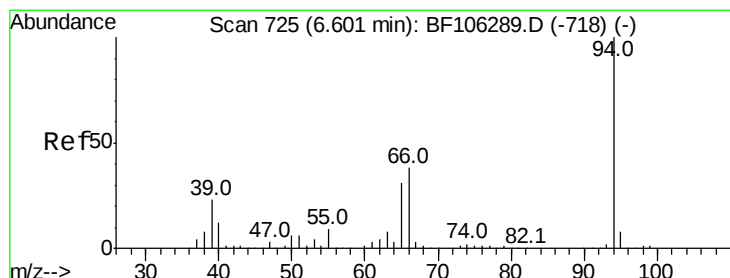
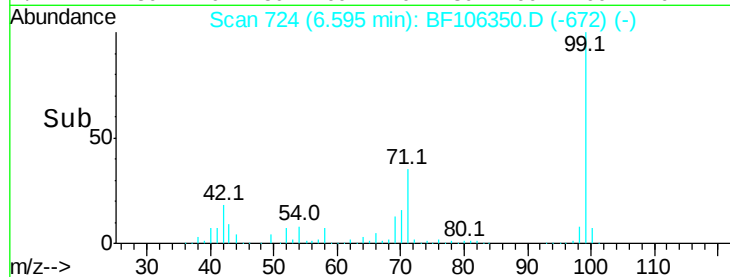
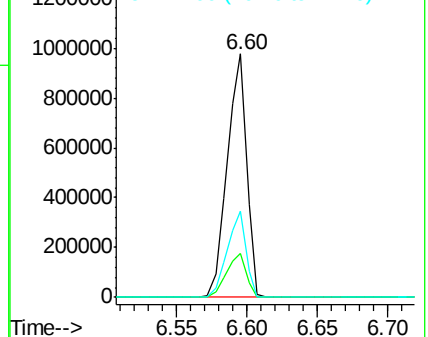
99 100

42 18.2 14.5 21.7

71 35.2 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: 2.138 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

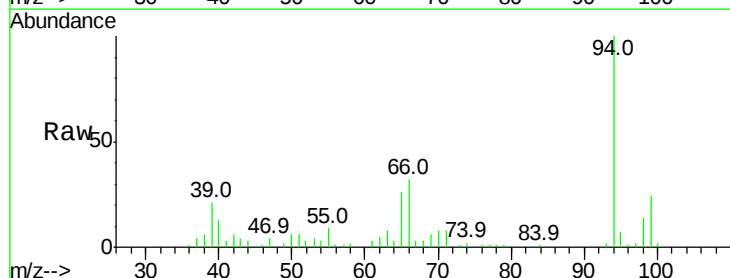
Tgt Ion: 94 Resp: 25746

Ion Ratio Lower Upper

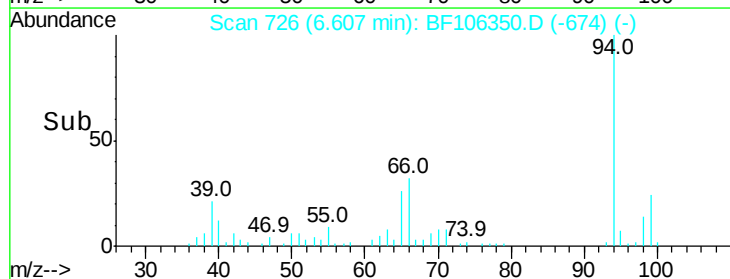
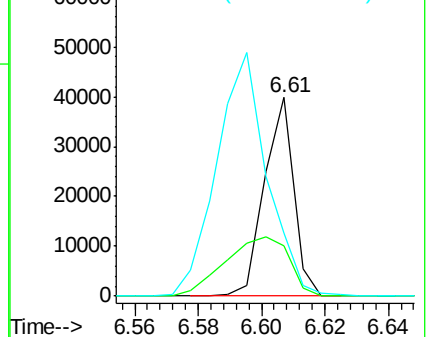
94 100

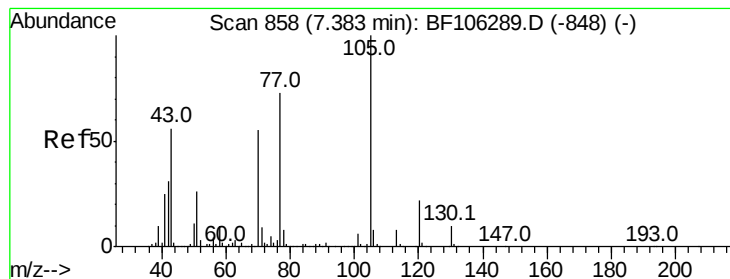
65 25.6 7.9 47.9

66 32.1 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: 9.549 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 79035

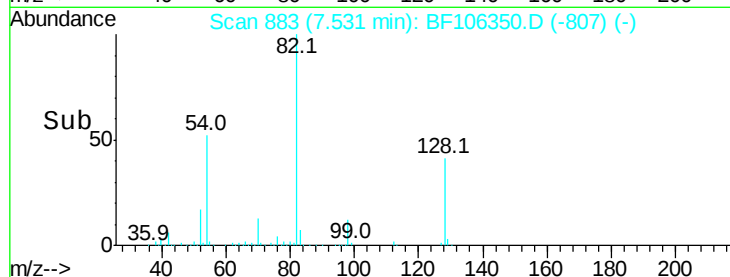
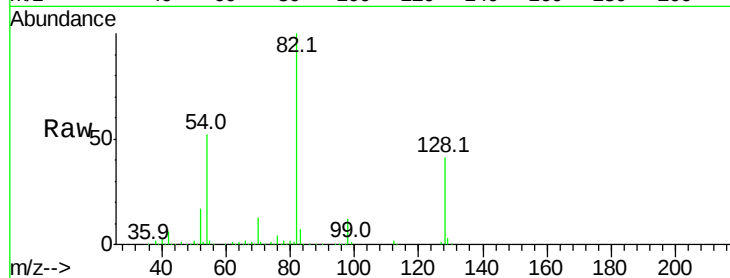
Ion Ratio Lower Upper

70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

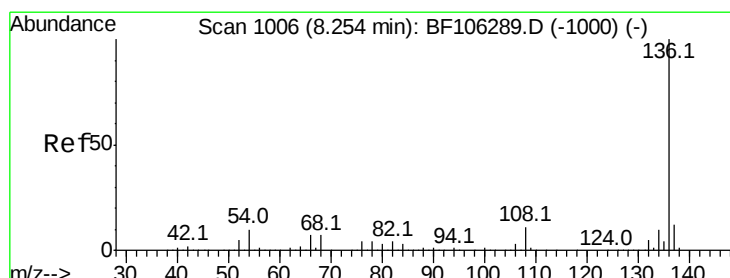
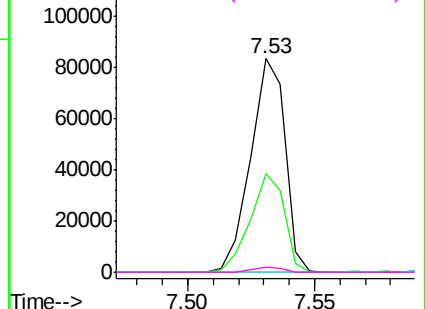


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF106350.D

Acq: 12 Jun 2018 17:47

Tgt Ion:136 Resp: 491478

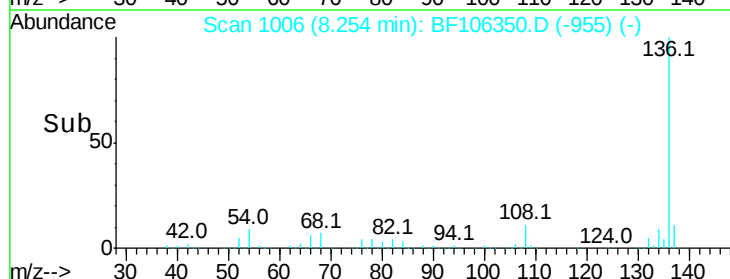
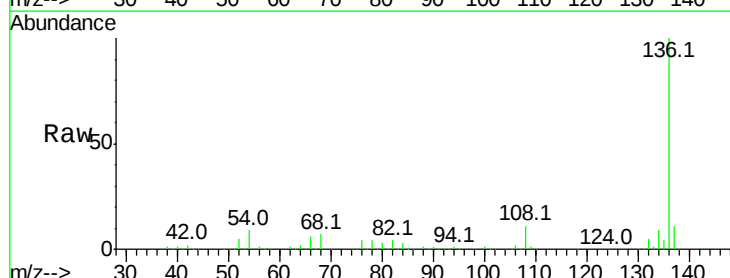
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 7.0 5.0 7.4

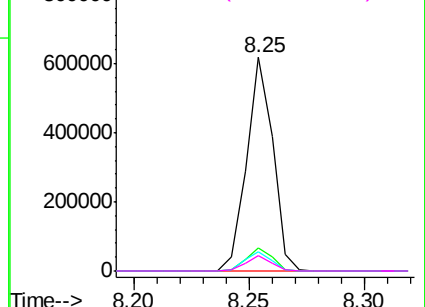


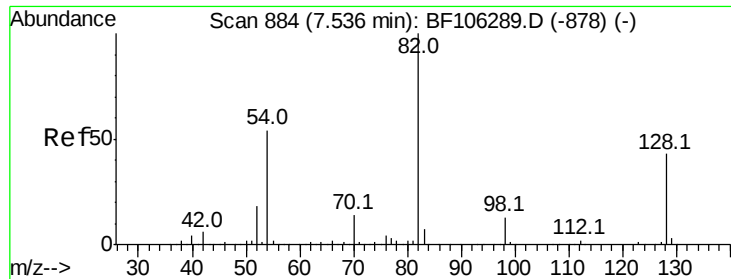
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

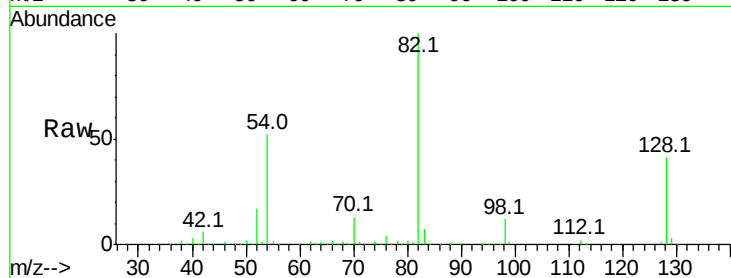




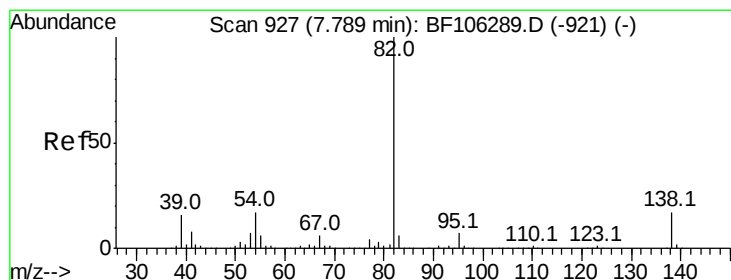
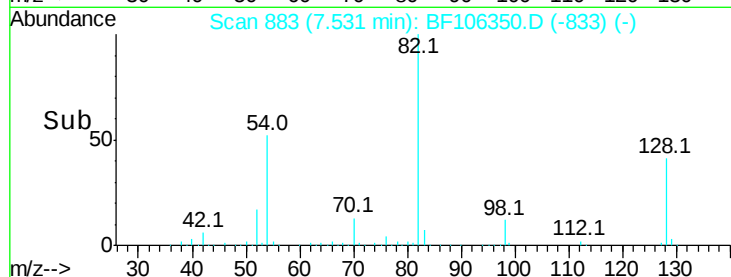
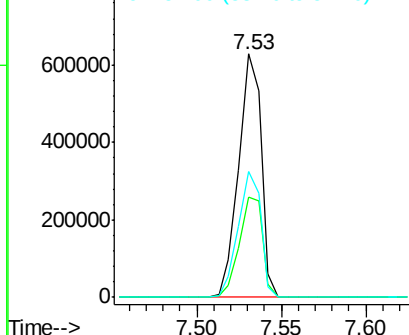
#23
Nitrobenzene-d5
Concen: 70.269 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	587054
Ion Ratio	100	Lower	Upper
128	41.0	36.1	54.1
54	51.7	41.4	62.2

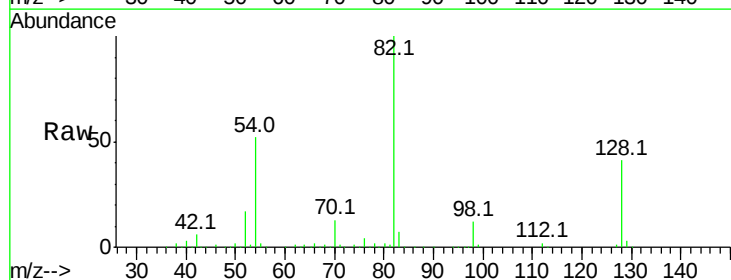


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

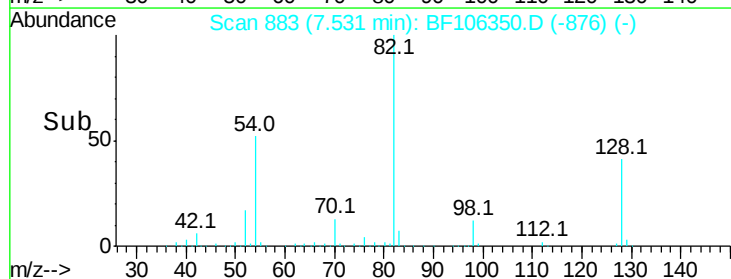
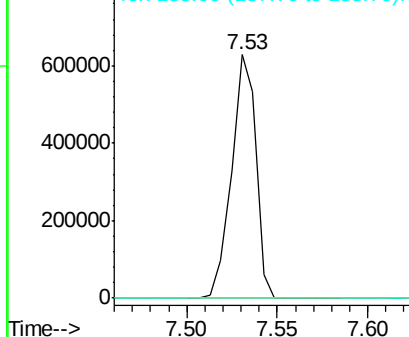


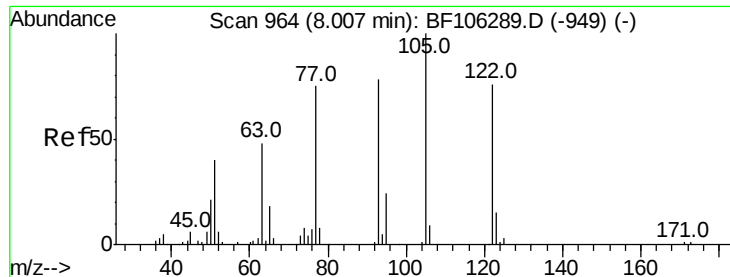
#25
Isophorone
Concen: 35.975 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Tgt Ion	82	Resp	587038
Ion Ratio	100	Lower	Upper
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





#32

Benzoic acid

Concen: 7.310 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.08 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

Instrument :

BNA_F

ClientSampleId :

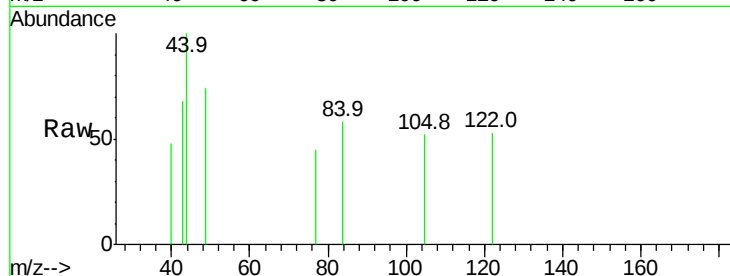
Tot Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

105 97.3 101.1 141.1#

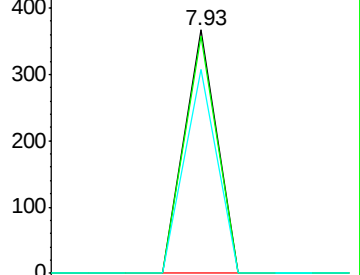
77 83.9 70.7 110.7



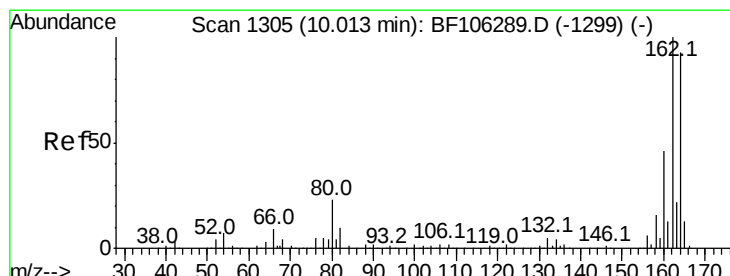
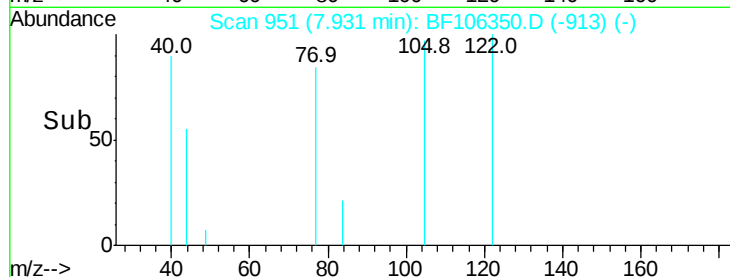
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

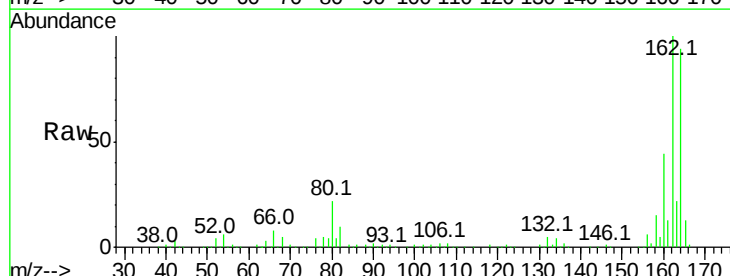
Tgt Ion:164 Resp: 195983

Ion Ratio Lower Upper

164 100

162 106.7 86.1 129.1

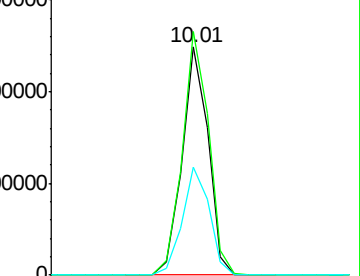
160 47.2 38.3 57.5



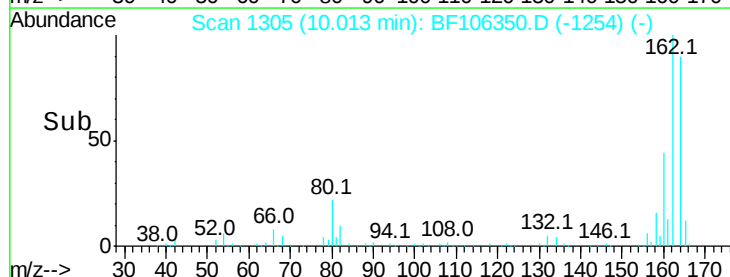
Abundance Ion 164.00 (163.70 to 164.70): E

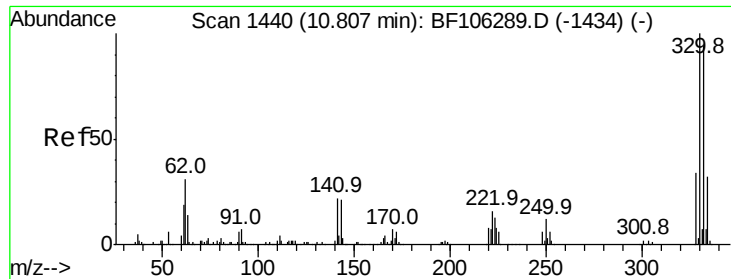
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

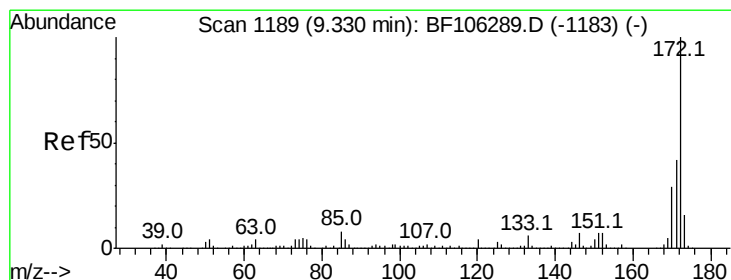
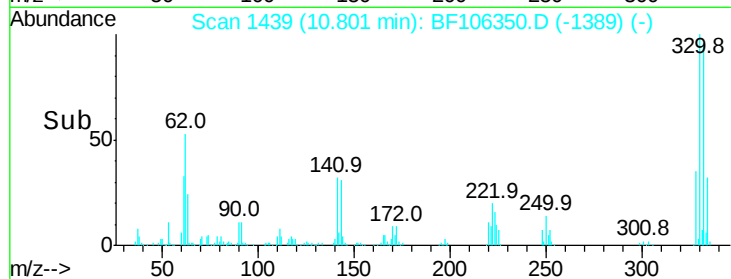
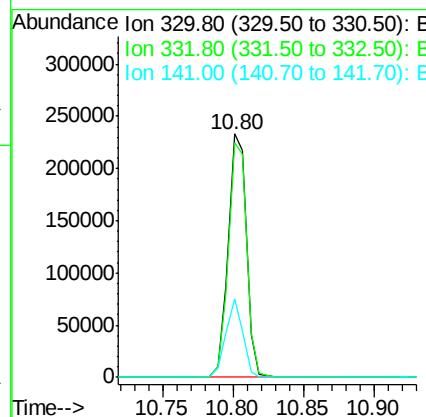
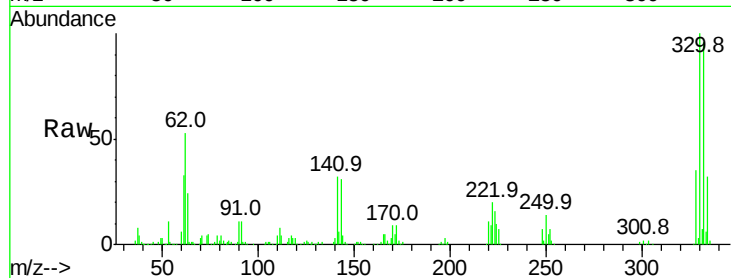




#41
 2,4,6-Tribromophenol
 Concen: 111.835 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

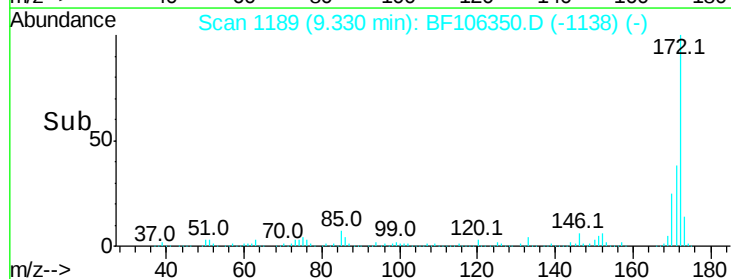
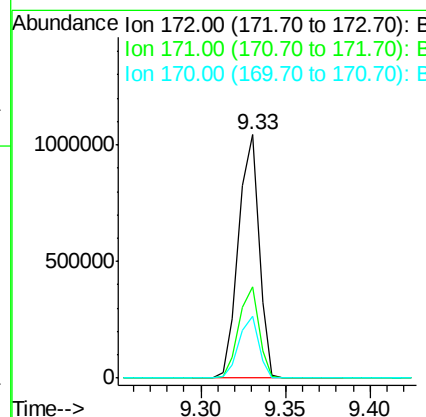
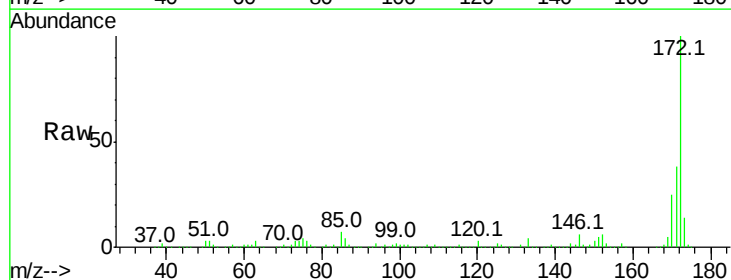
Instrument :
 BNA_F
 ClientSampleId :

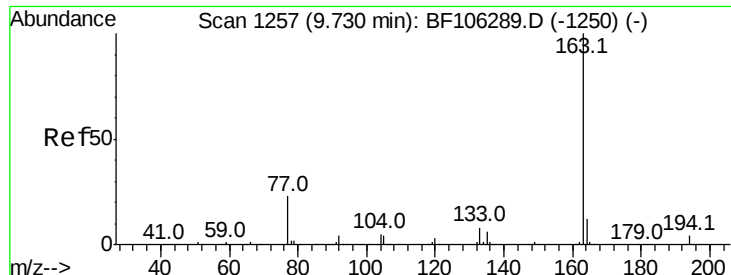
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	29.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.618 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.4	19.6	29.4

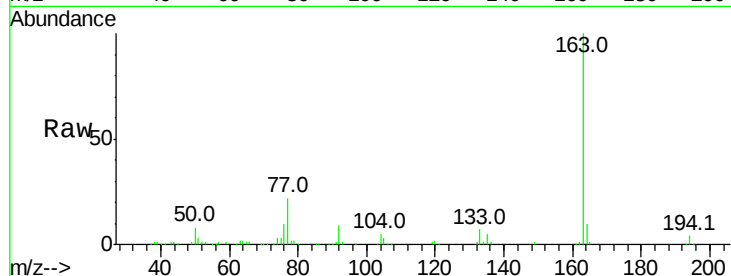




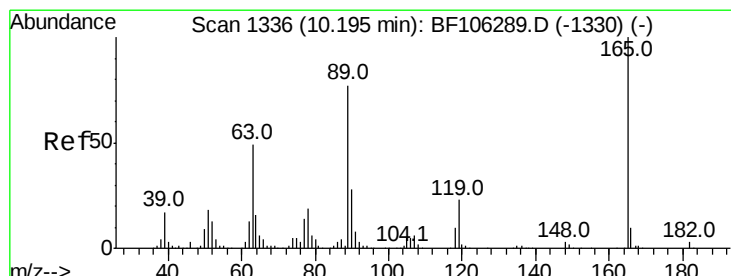
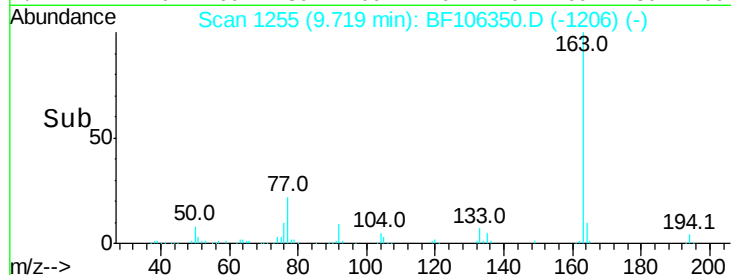
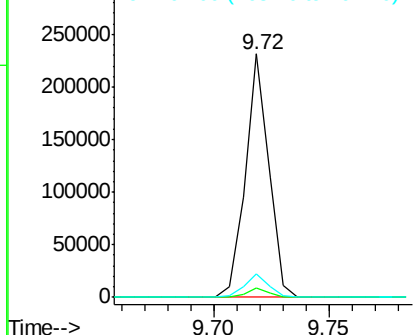
#49
Dimethylphthalate
Concen: 11.710 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 163956
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 8.2 12.2

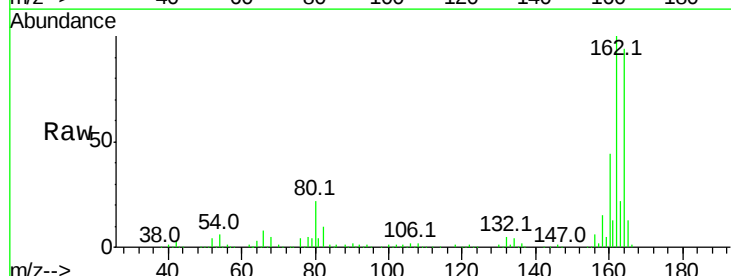


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

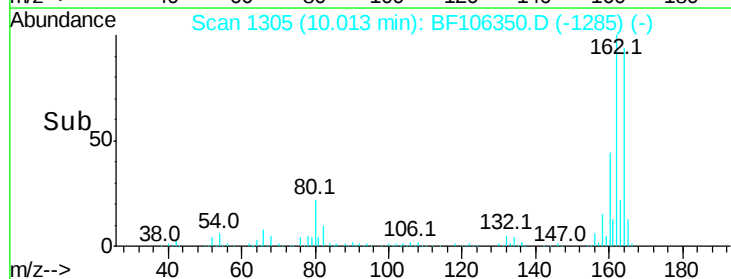
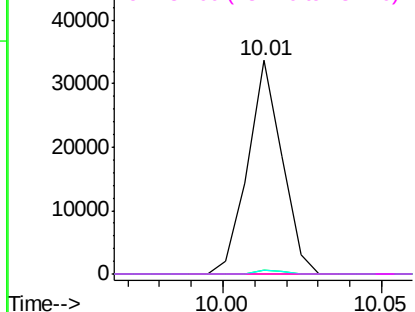


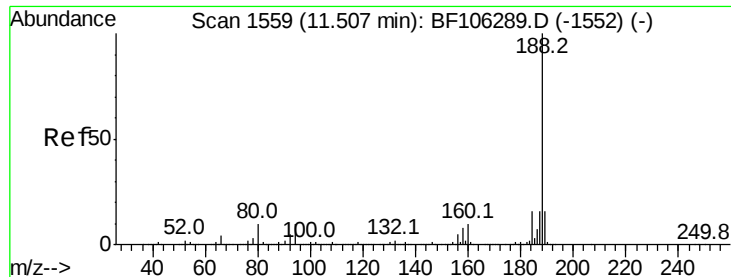
#56
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.18 min
Lab File: BF106350.D
Acq: 12 Jun 2018 17:47

Tgt Ion:165 Resp: 25228
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 1.7 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

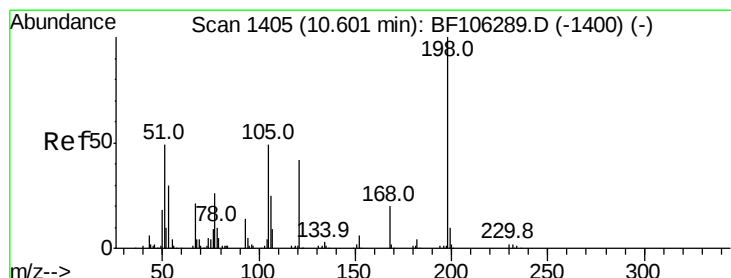
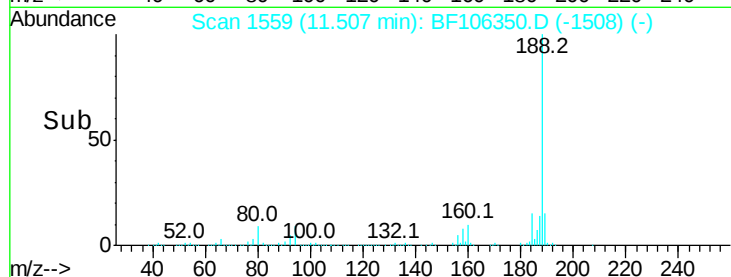
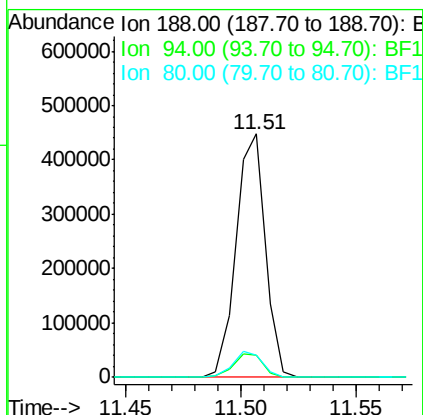
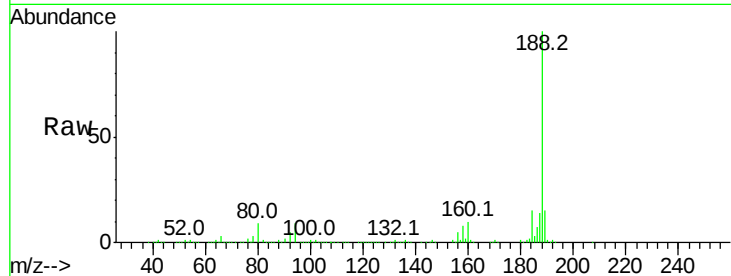




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

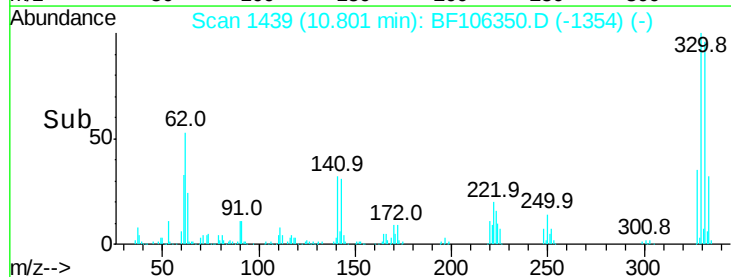
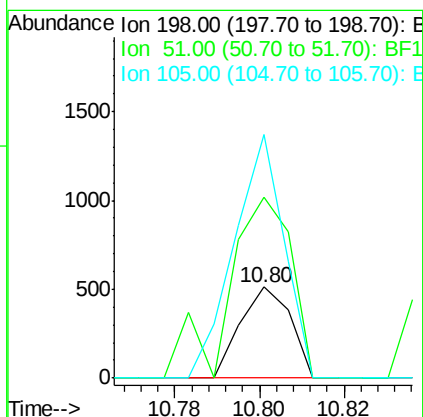
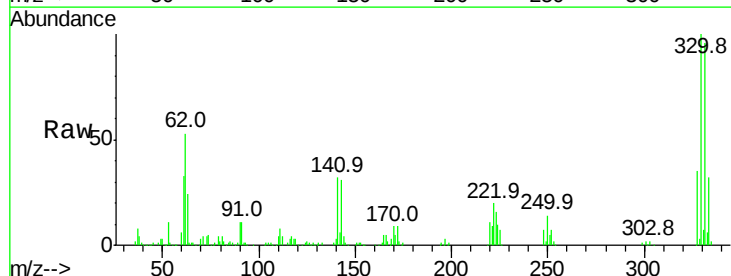
Instrument :
 BNA_F
 ClientSampleId :

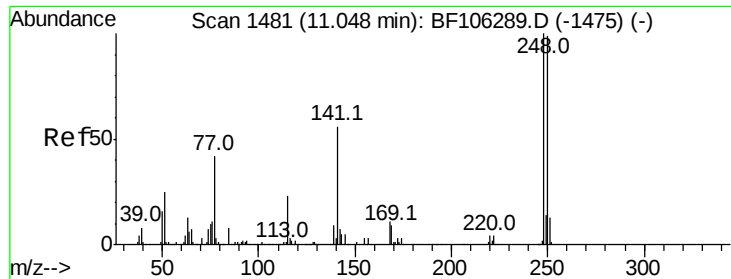
Tot Ion:188 Resp: 394592
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.467 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

Tgt Ion:198 Resp: 422
 Ion Ratio Lower Upper
 198 100
 51 199.2 37.7 77.7#
 105 267.8 36.3 76.3#

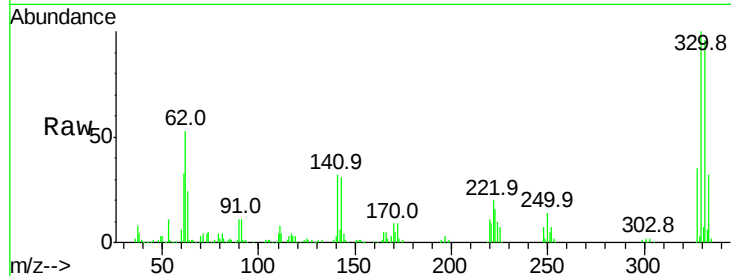




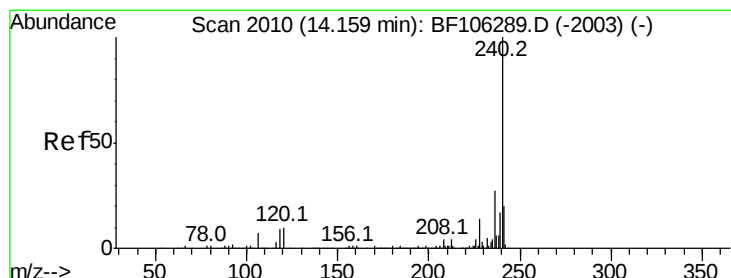
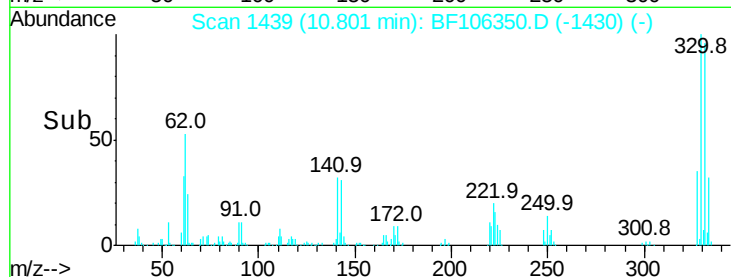
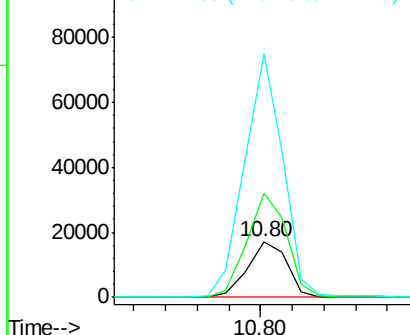
#66
 4-Bromophenyl-phenylether
 Concen: 3.274 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14693
 Ion Ratio Lower Upper
 248 100
 250 188.3 76.9 115.3#
 141 439.2 74.4 111.6#

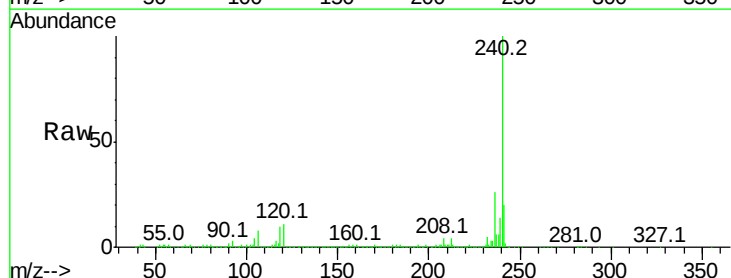


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

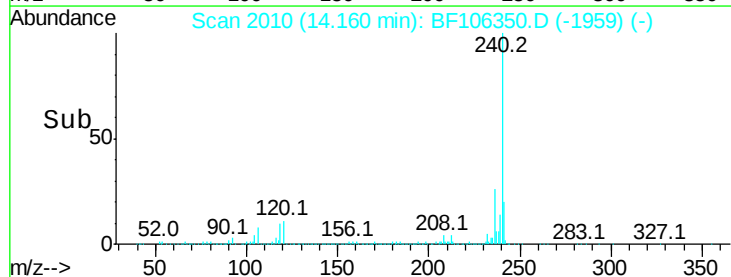
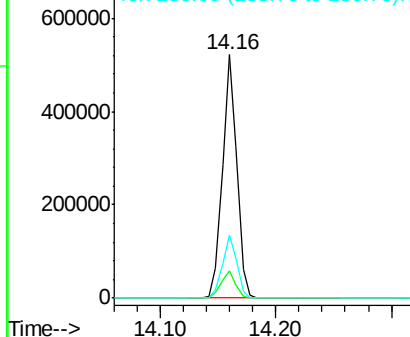


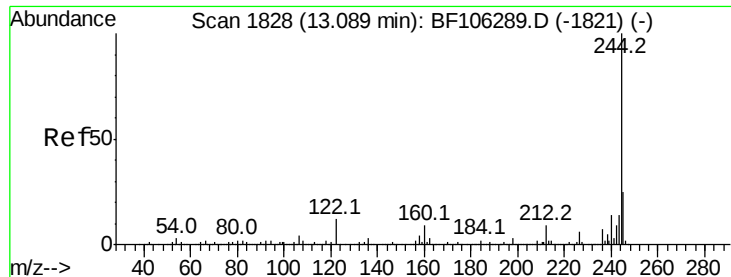
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF106350.D
 Acq: 12 Jun 2018 17:47

Tgt Ion:240 Resp: 452425
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.5 14.3
 236 25.7 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: 59.345 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

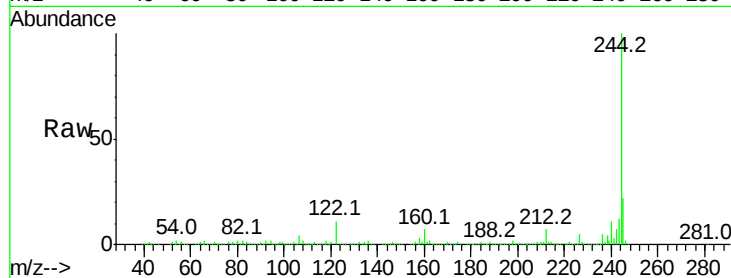
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1080982

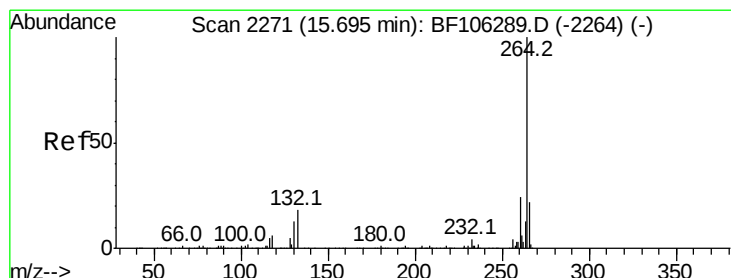
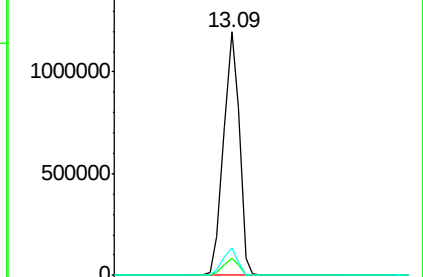
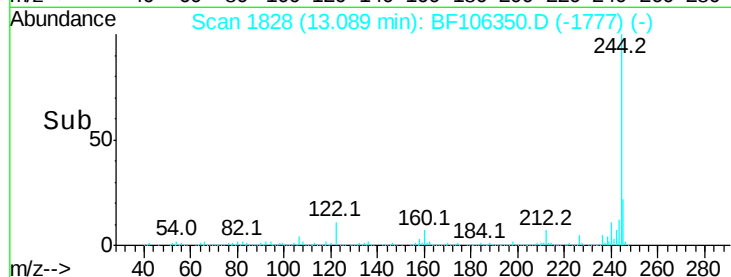
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.0	11.0	16.4



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: 15.71 min Scan# 2274

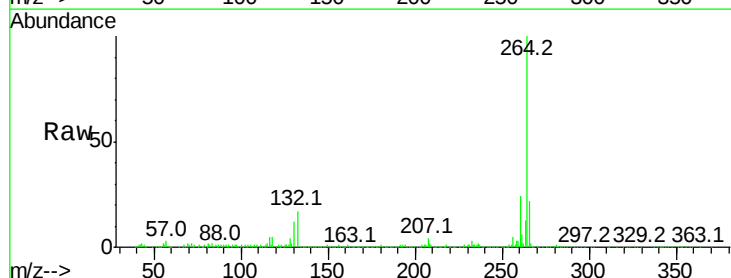
Delta R.T. 0.02 min

Lab File: BF106350.D

Acq: 12 Jun 2018 17:47

Tgt Ion:264 Resp: 346119

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

