

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106348.D
 Acq On : 12 Jun 2018 16:53
 Operator : JU/SJ
 Sample : J3372-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:09:03 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	156273	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	551410	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226094	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	417041	20.00	ng	0.00
75) Chrysene-d12	14.16	240	443450	20.00	ng	0.00
86) Perylene-d12	15.71	264	363247	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	826681	89.53	ng	0.01
7) Phenol-d6	6.60	99	1000848	85.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	623367	66.51	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	225299	103.57	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	916579	67.14	ng	0.00
78) Terphenyl-d14	13.09	244	938123	52.54	ng	0.00

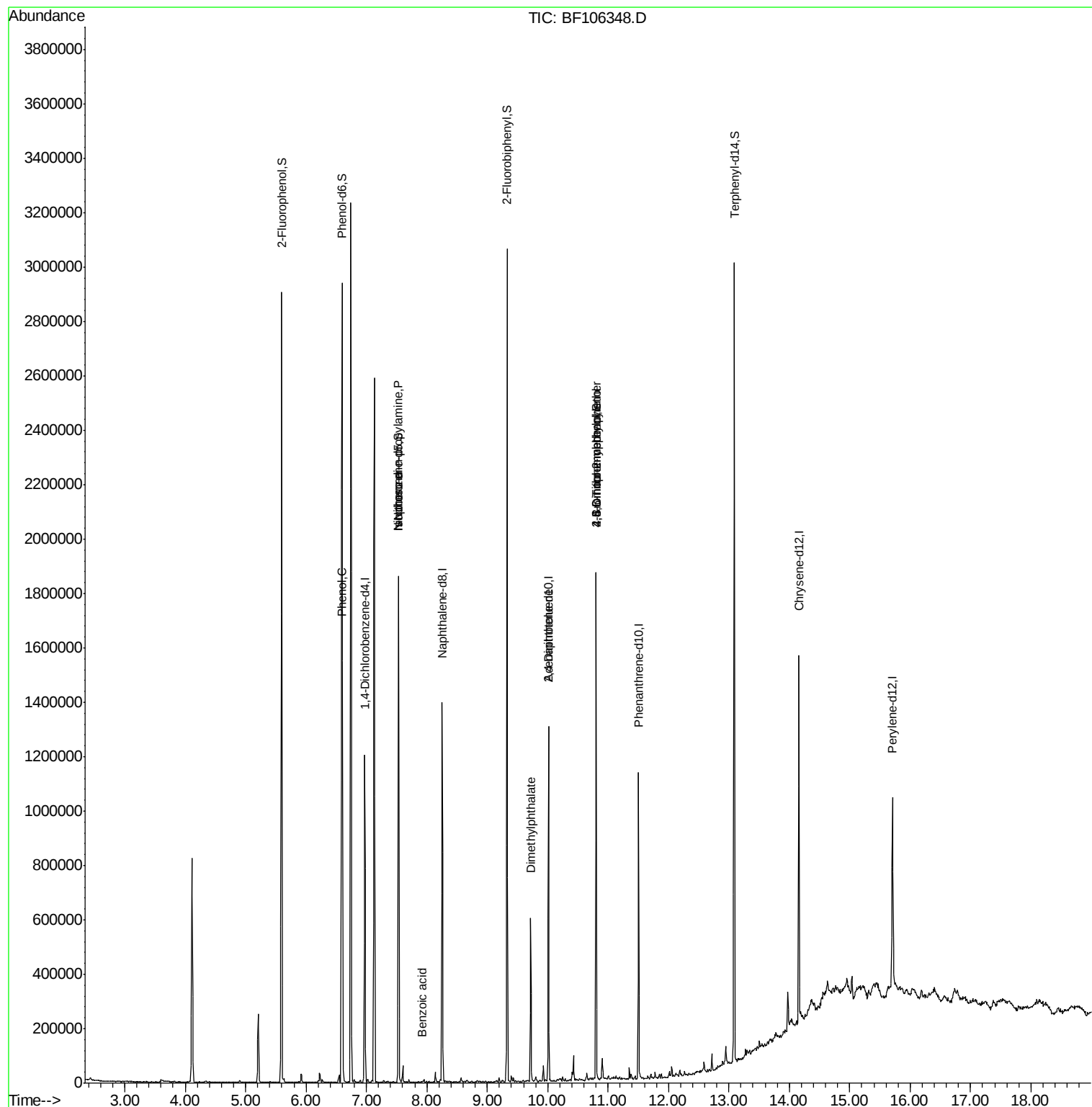
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	27885	2.190	ng	98
19) n-Nitroso-di-n-propylamine	7.53	70	84839	9.694	ng	# 78
25) Isophorone	7.53	82	623357	34.048	ng	# 64
32) Benzoic acid	7.93	122	269	7.329	ng	# 87
49) Dimethylphthalate	9.72	163	192793	11.935	ng	99
56) 2,4-Dinitrotoluene	10.01	165	29630	7.151	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	493	6.485	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14675	3.094	ng	# 1

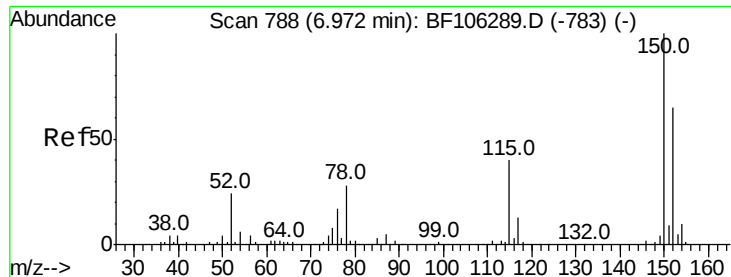
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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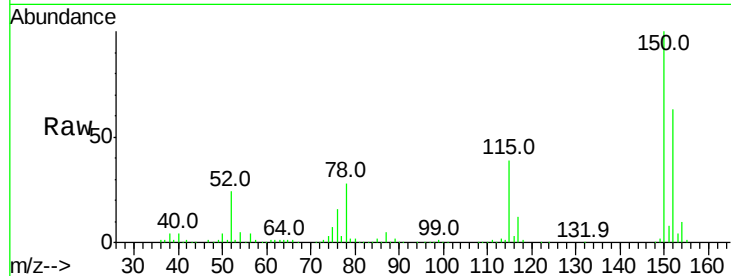


#1

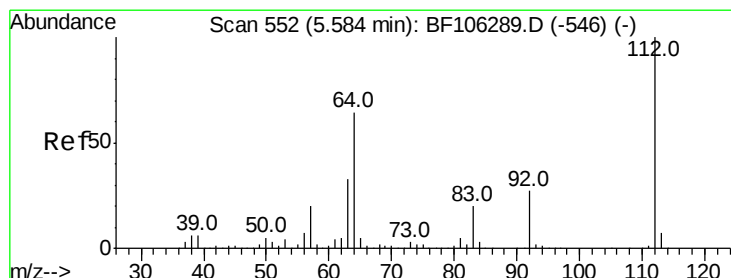
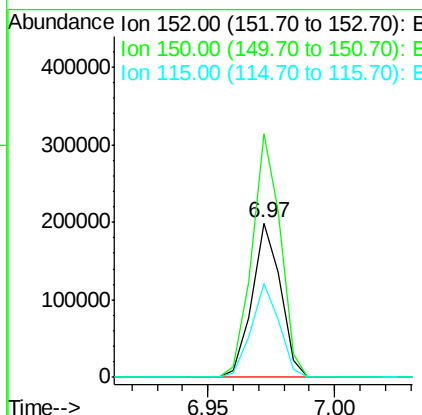
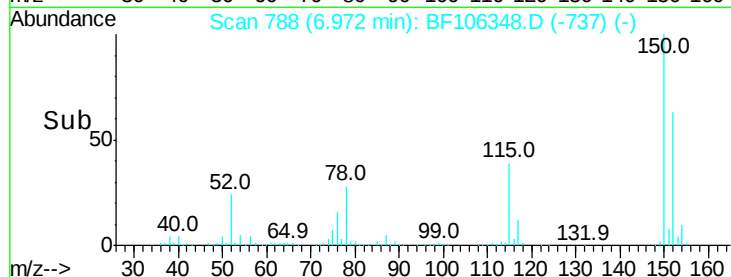
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156273
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.7 50.1 75.1



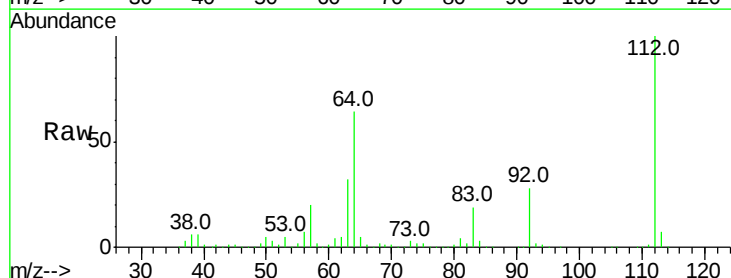
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



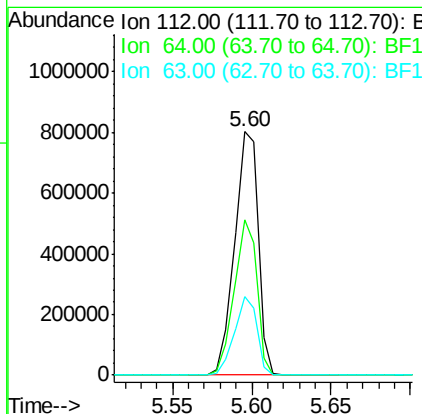
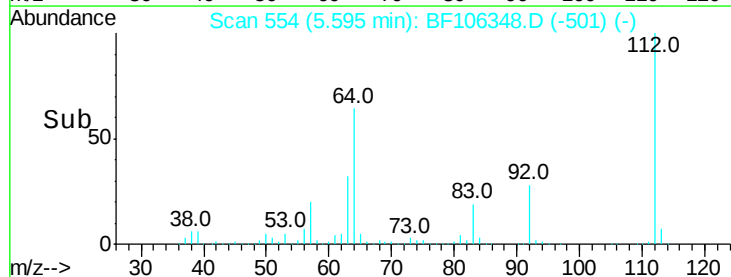
#5

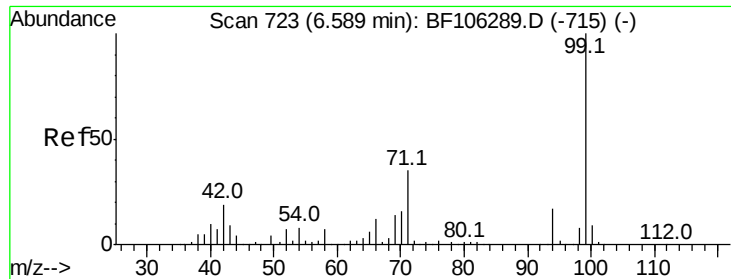
2-Fluorophenol
Concen: 89.533 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

Tgt Ion:112 Resp: 826681
Ion Ratio Lower Upper
112 100
64 63.7 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: 85.796 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

Instrument :

BNA_F

ClientSampleId :

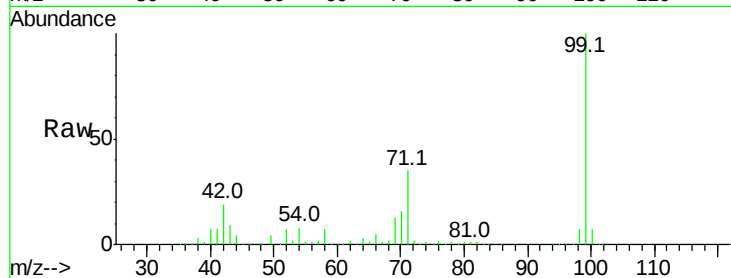
Tot Ion: 99 Resp: 1000848

Ion Ratio Lower Upper

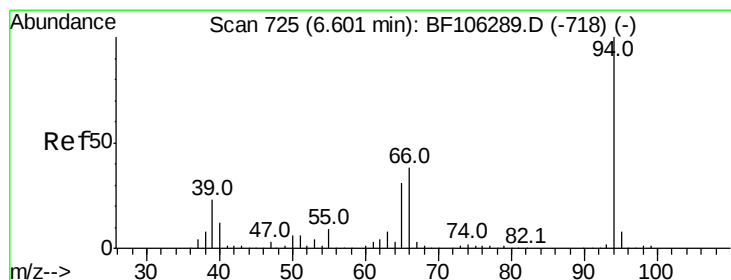
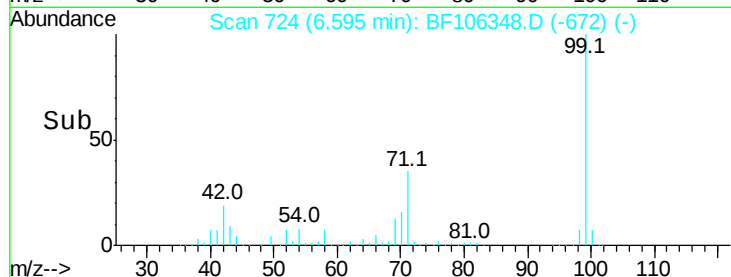
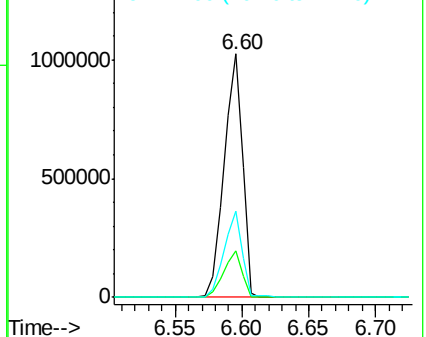
99 100

42 18.9 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: 2.190 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

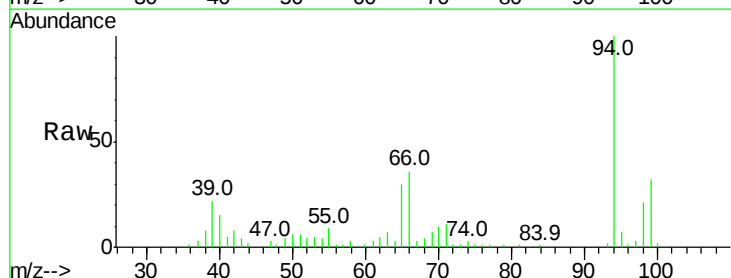
Tgt Ion: 94 Resp: 27885

Ion Ratio Lower Upper

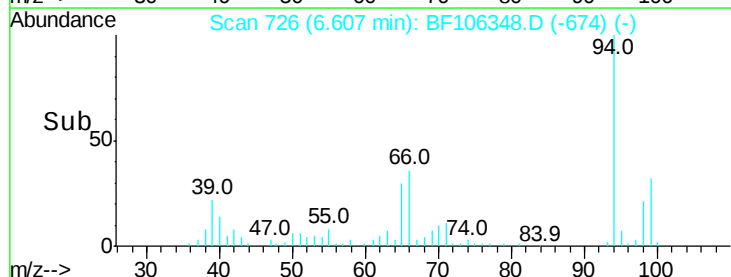
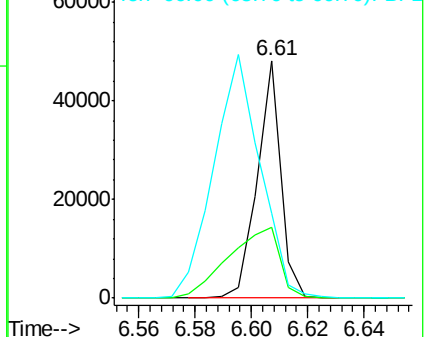
94 100

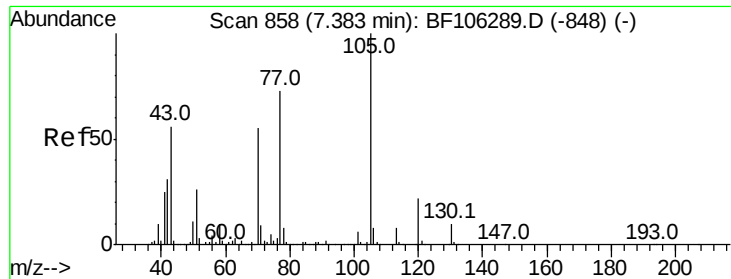
65 29.8 7.9 47.9

66 35.9 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

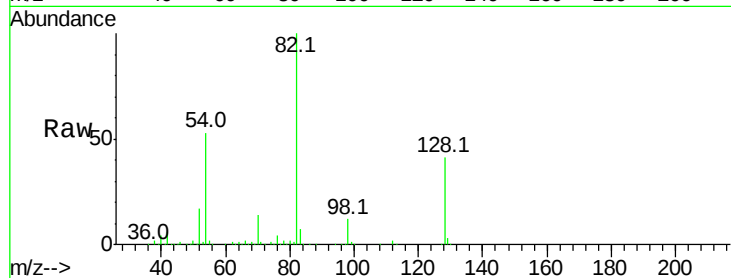




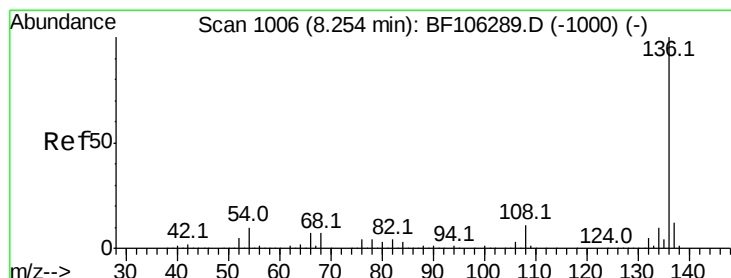
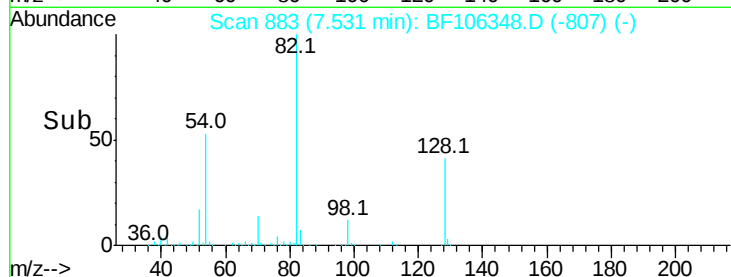
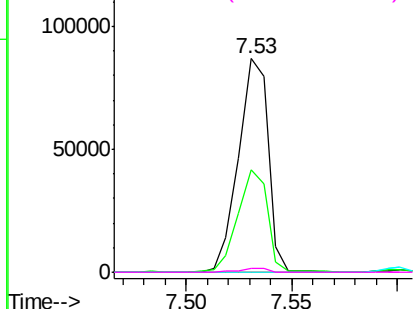
#19
n-Nitroso-di-n-propylamine
Concen: 9.694 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84839
Ion Ratio Lower Upper
70 100
42 47.9 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#

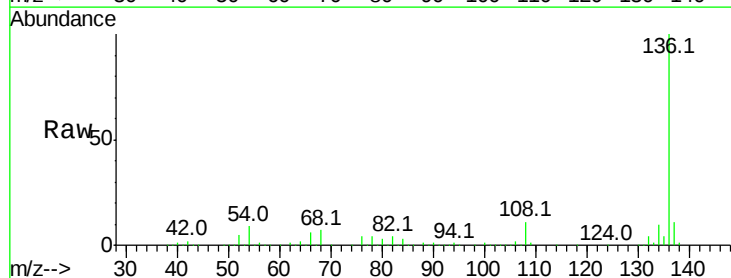


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

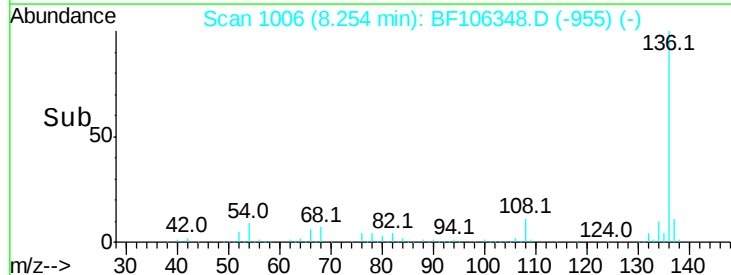
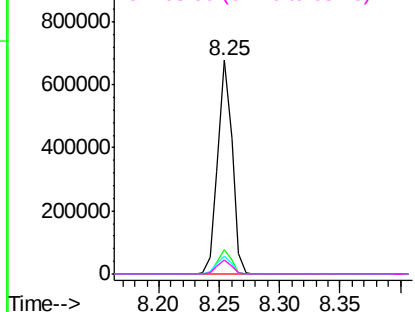


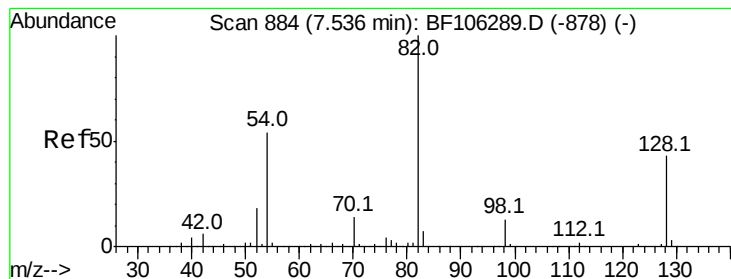
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

Tgt Ion:136 Resp: 551410
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.6 6.6 9.8
68 6.7 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: 66.505 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

Instrument :

BNA_F

ClientSampled :

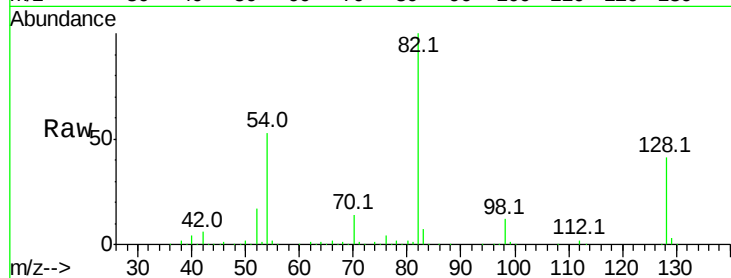
Tot Ion: 82 Resp: 623367

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

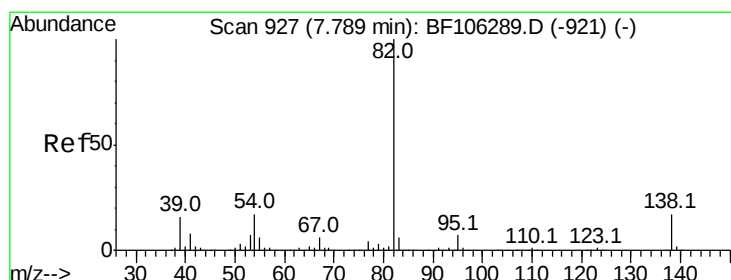
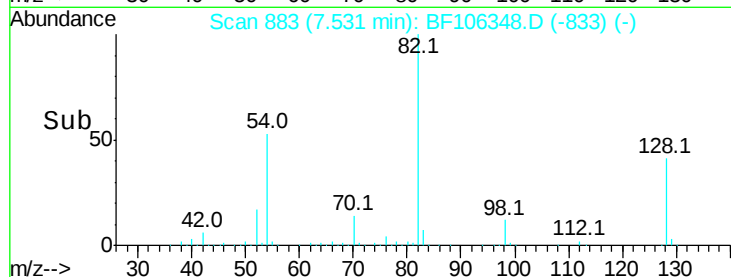
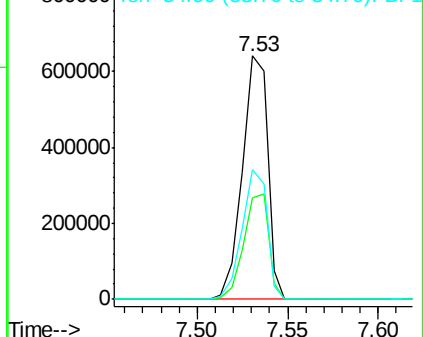
54 53.0 41.4 62.2



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: 34.048 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

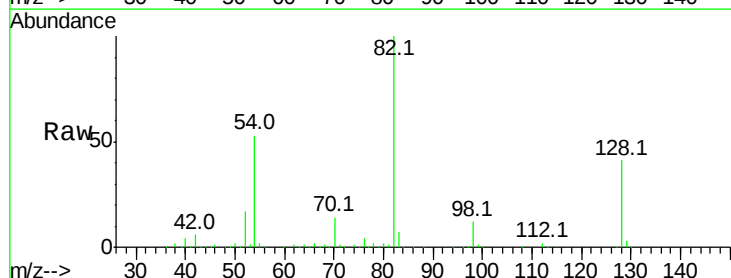
Tgt Ion: 82 Resp: 623357

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

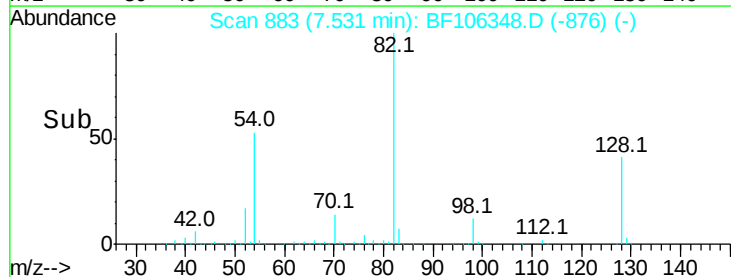
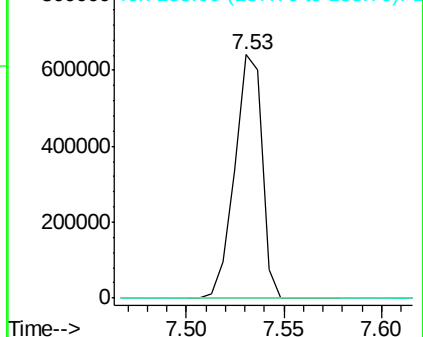
138 0.0 14.9 22.3#

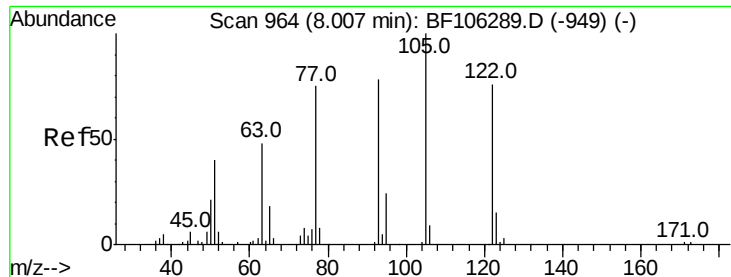


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

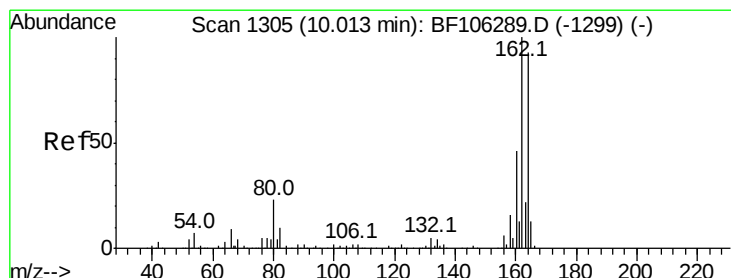
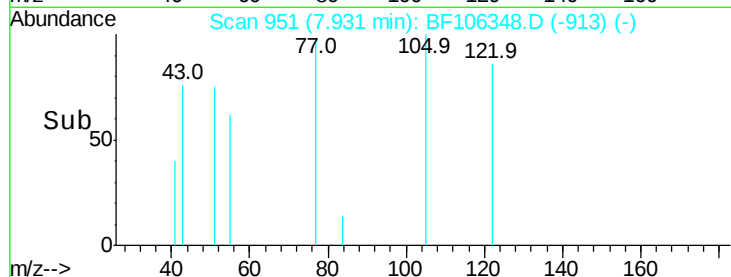
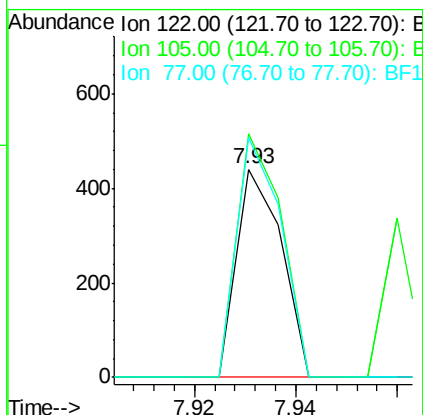
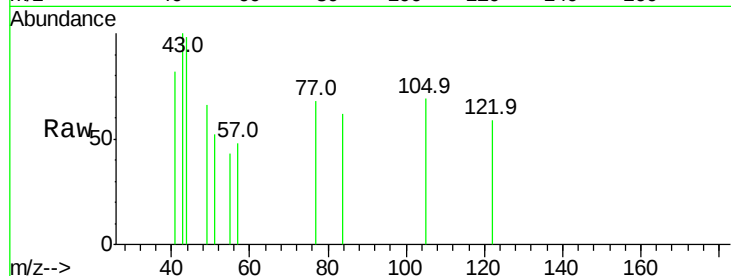




#32
Benzoic acid
Concen: 7.329 ng
RT: 7.93 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

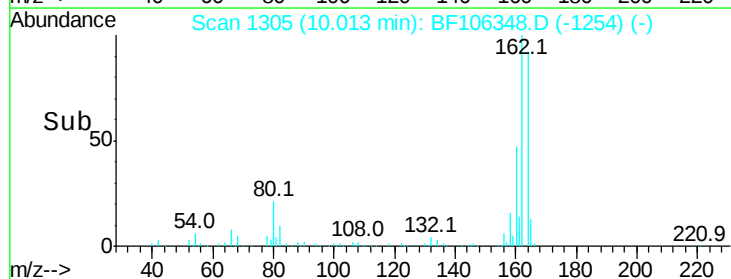
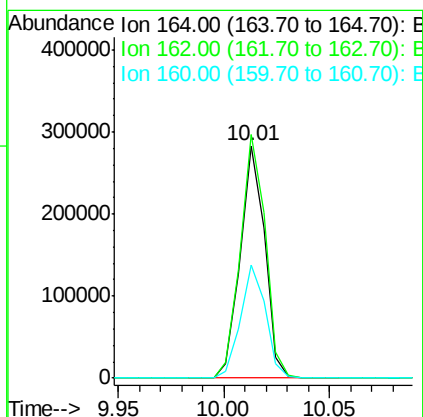
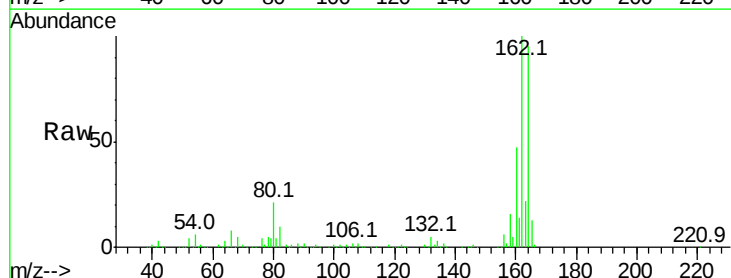
Instrument :
BNA_F
ClientSampleId :

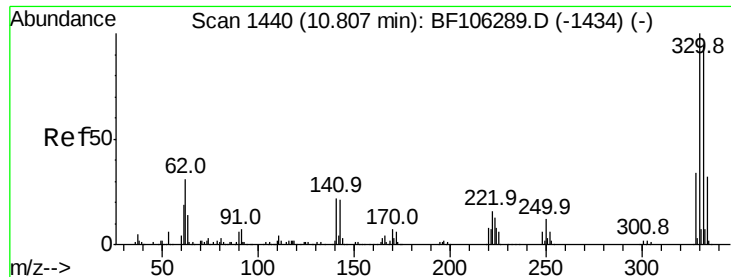
Tot Ion:122 Resp: 269
Ion Ratio Lower Upper
122 100
105 116.8 101.1 141.1
77 114.7 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106348.D
Acq: 12 Jun 2018 16:53

Tgt Ion:164 Resp: 226094
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 48.9 38.3 57.5

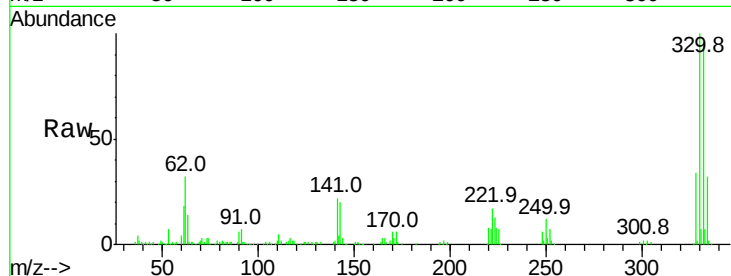




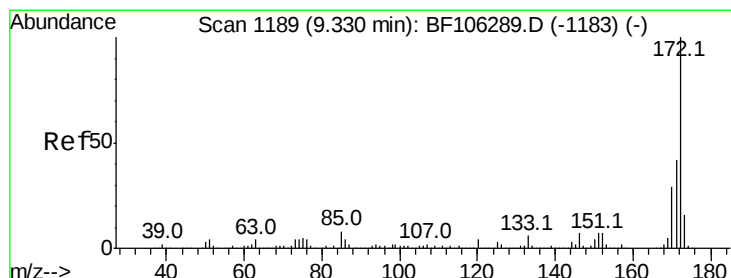
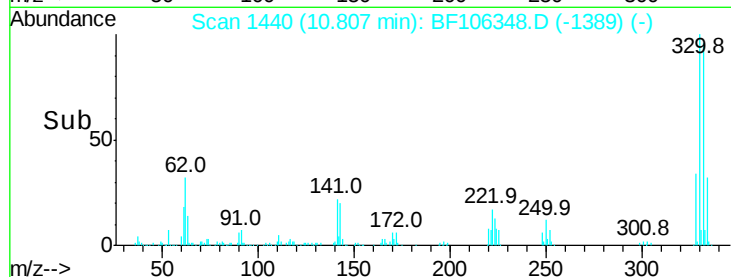
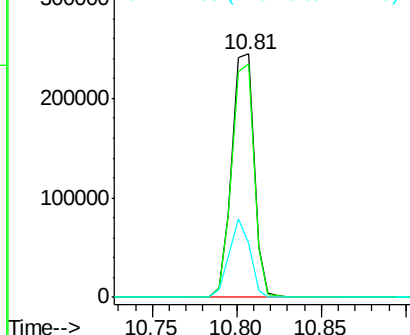
#41
 2,4,6-Tribromophenol
 Concen: 103.566 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	29.9	29.9	44.9#

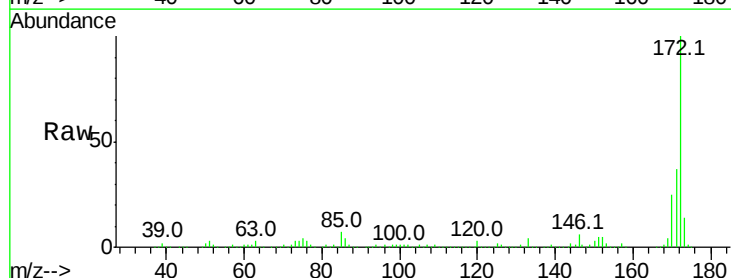


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

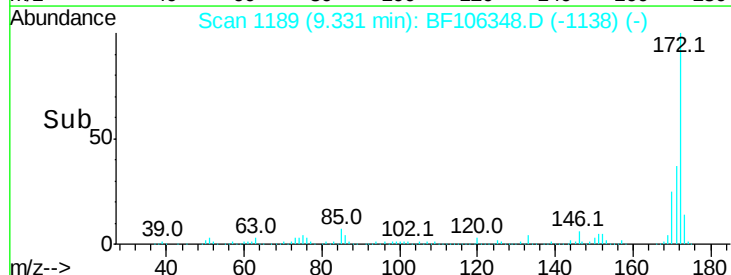
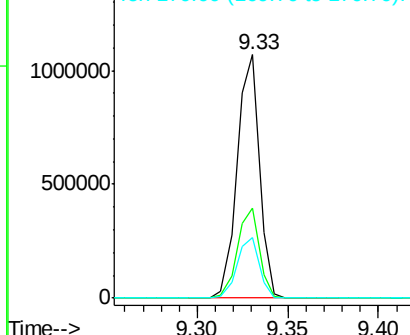


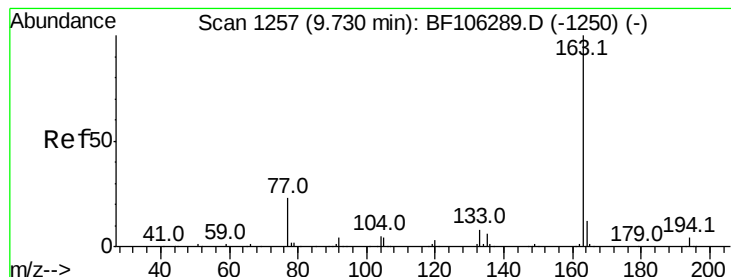
#44
 2-Fluorobiphenyl
 Concen: 67.138 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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: 11.935 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

Instrument :

BNA_F

ClientSampleId :

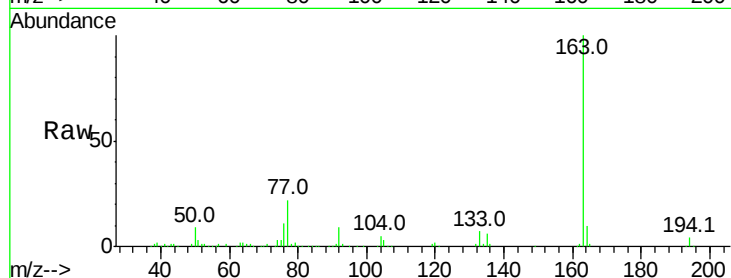
Tot Ion:163 Resp: 192793

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

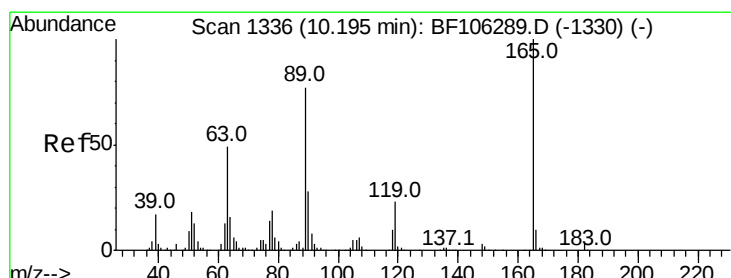
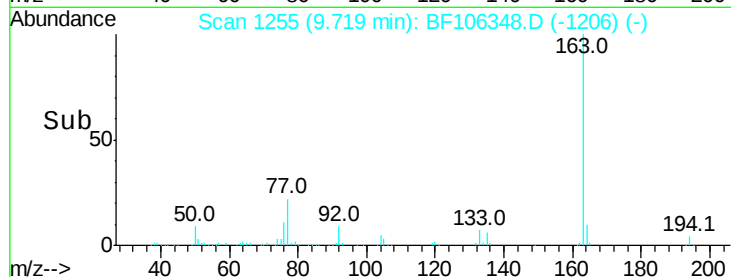
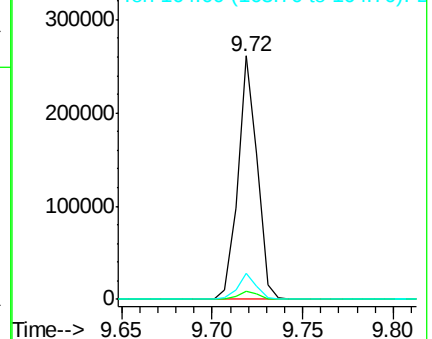
164 10.5 8.2 12.2



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: 7.151 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.18 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

Tgt Ion:165 Resp: 29630

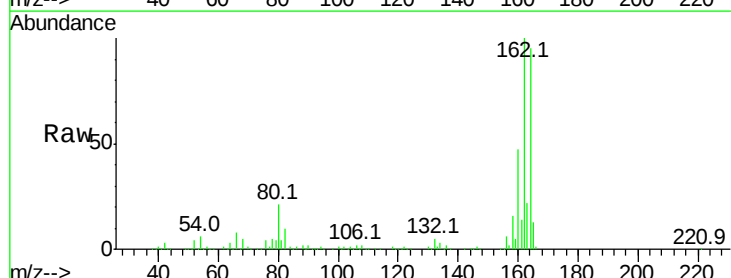
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

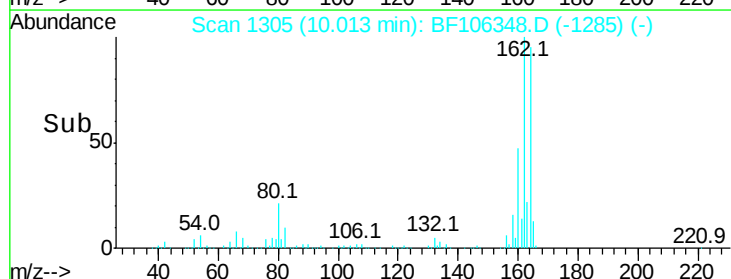
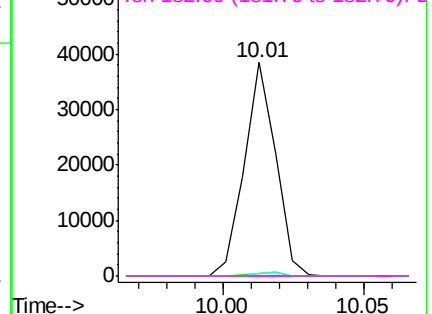


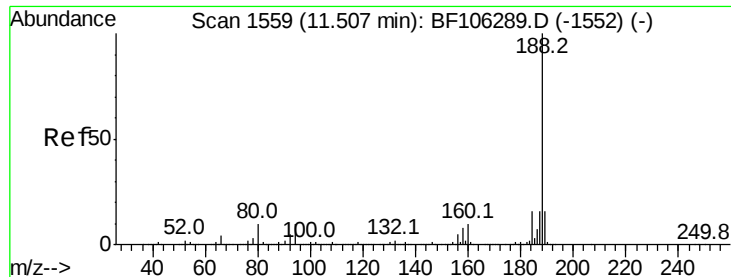
Abundance Ion 165.00 (164.70 to 165.70): E

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

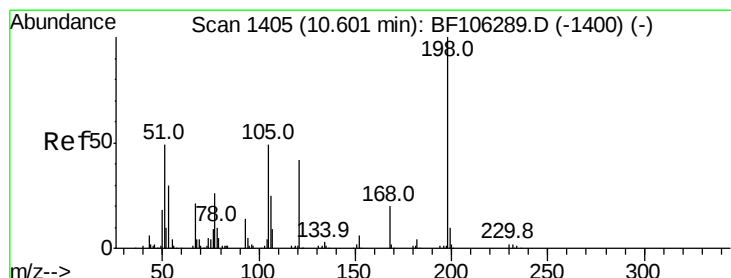
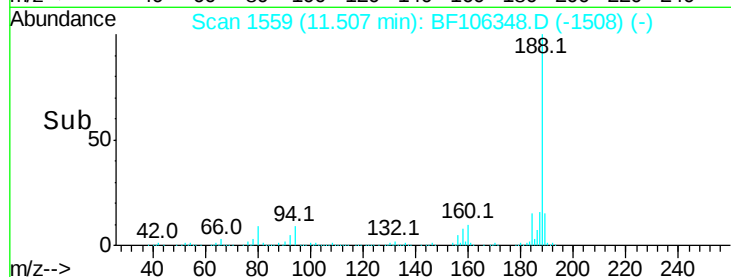
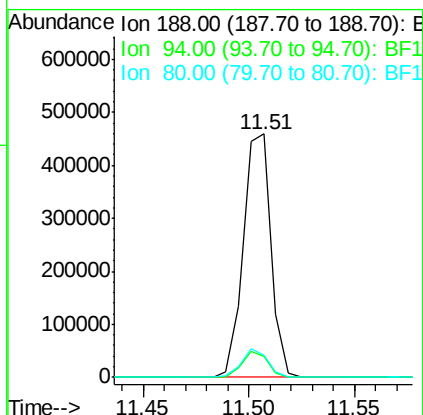
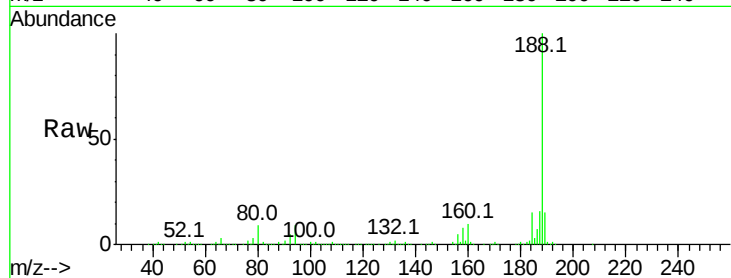




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

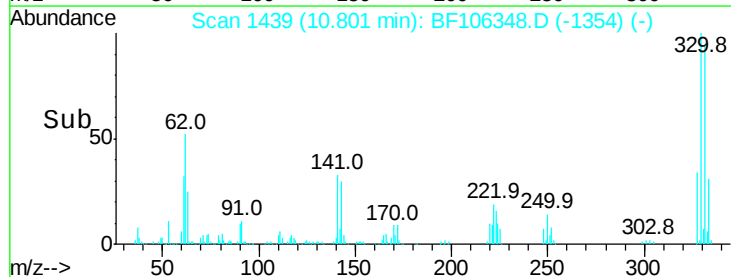
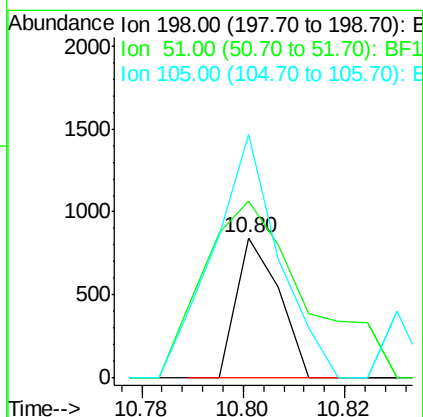
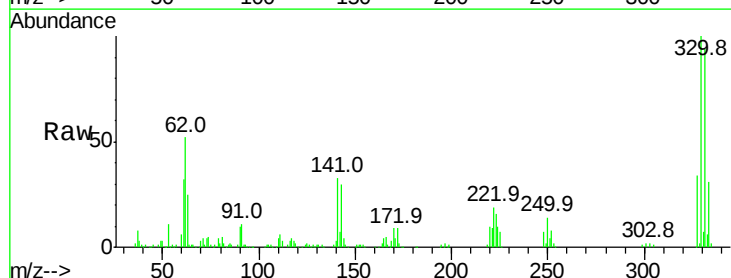
Instrument :
 BNA_F
 ClientSampleId :

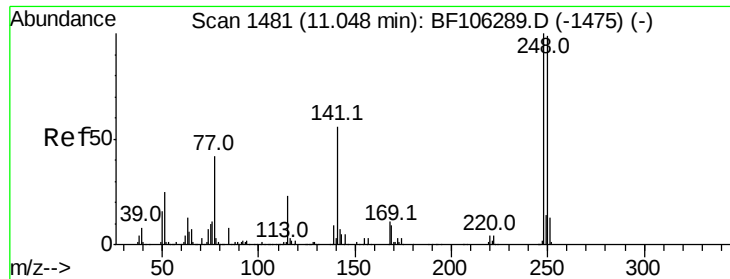
Tot Ion:188 Resp: 417041
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.485 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.20 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

Tgt Ion:198 Resp: 493
 Ion Ratio Lower Upper
 198 100
 51 126.5 37.7 77.7#
 105 173.4 36.3 76.3#

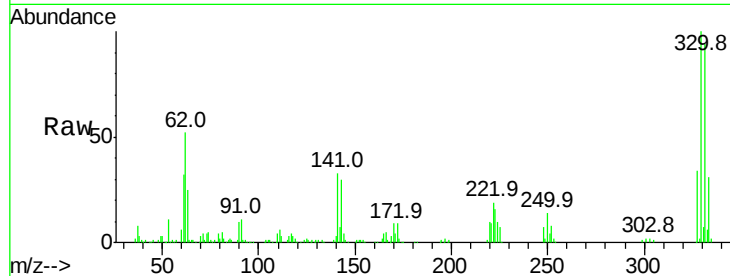




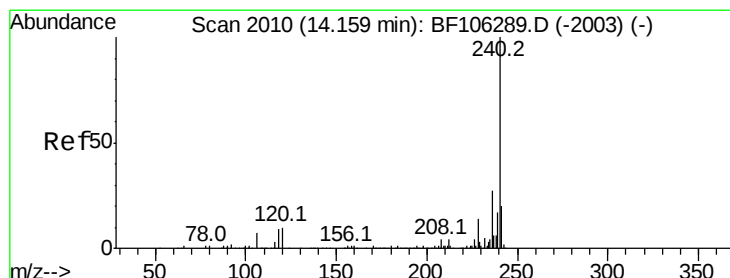
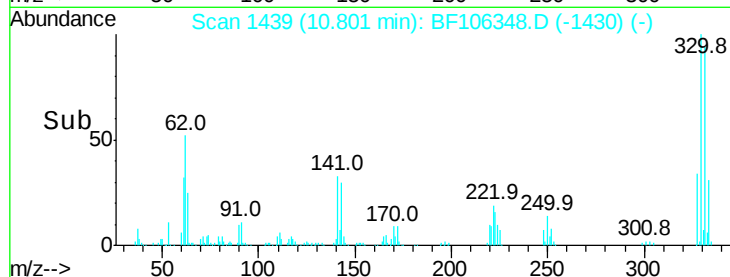
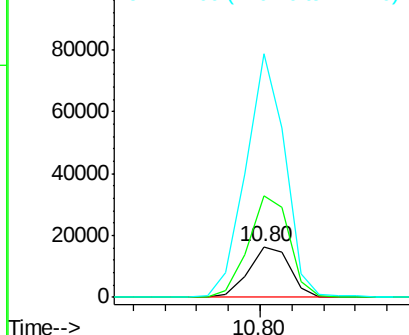
#66
 4-Bromophenyl-phenylether
 Concen: 3.094 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14675
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 482.8 74.4 111.6#

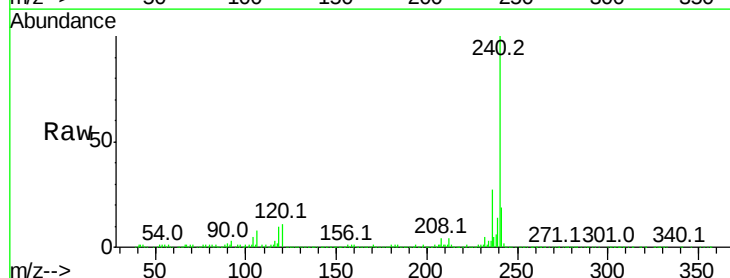


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

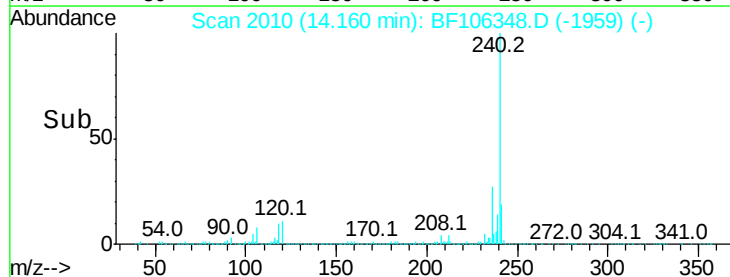
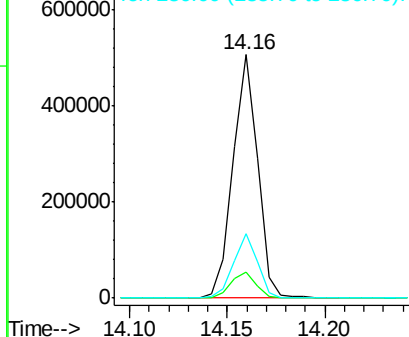


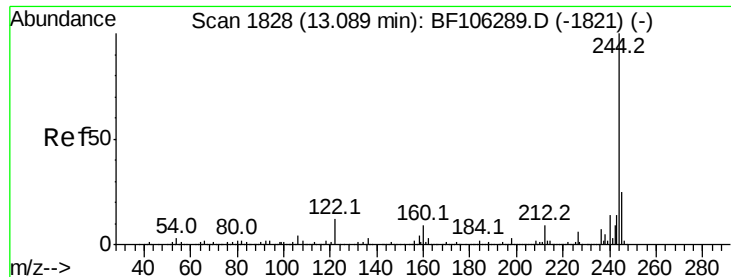
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF106348.D
 Acq: 12 Jun 2018 16:53

Tgt Ion:240 Resp: 443450
 Ion Ratio Lower Upper
 240 100
 120 10.9 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: 52.545 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106348.D

Acq: 12 Jun 2018 16:53

Instrument :

BNA_F

ClientSampled :

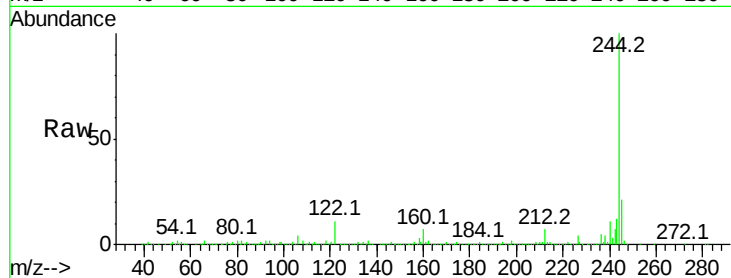
Tot Ion:244 Resp: 938123

Ion Ratio Lower Upper

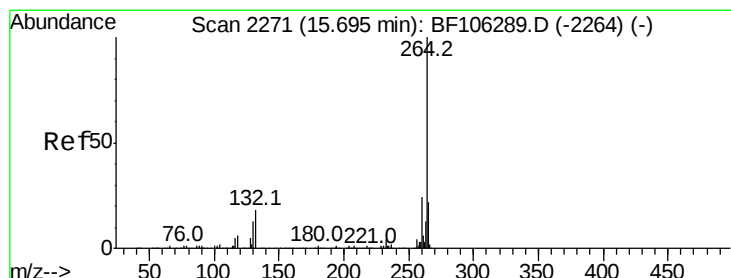
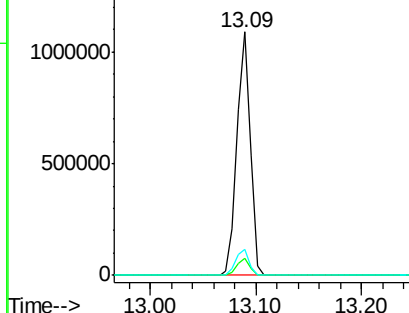
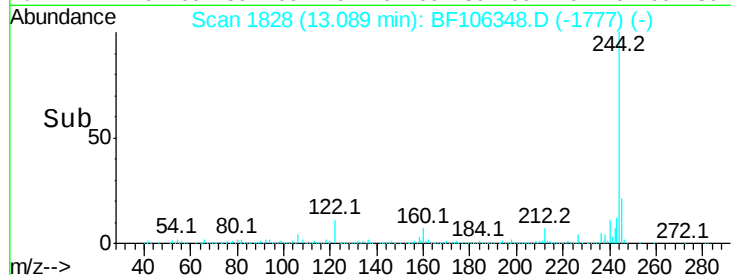
244 100

212 7.0 5.4 8.0

122 10.8 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: BF106348.D

Acq: 12 Jun 2018 16:53

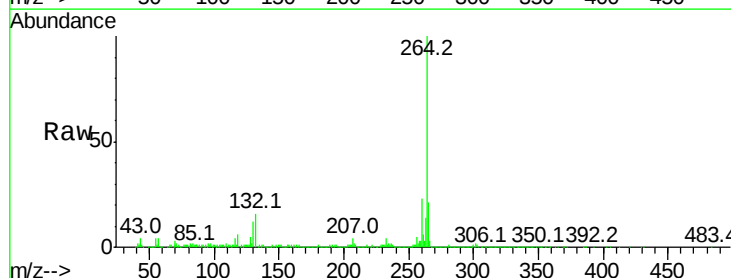
Tgt Ion:264 Resp: 363247

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.5 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

