

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106398.D
 Acq On : 13 Jun 2018 18:26
 Operator : JU/SJ
 Sample : J3451-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:21:09 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

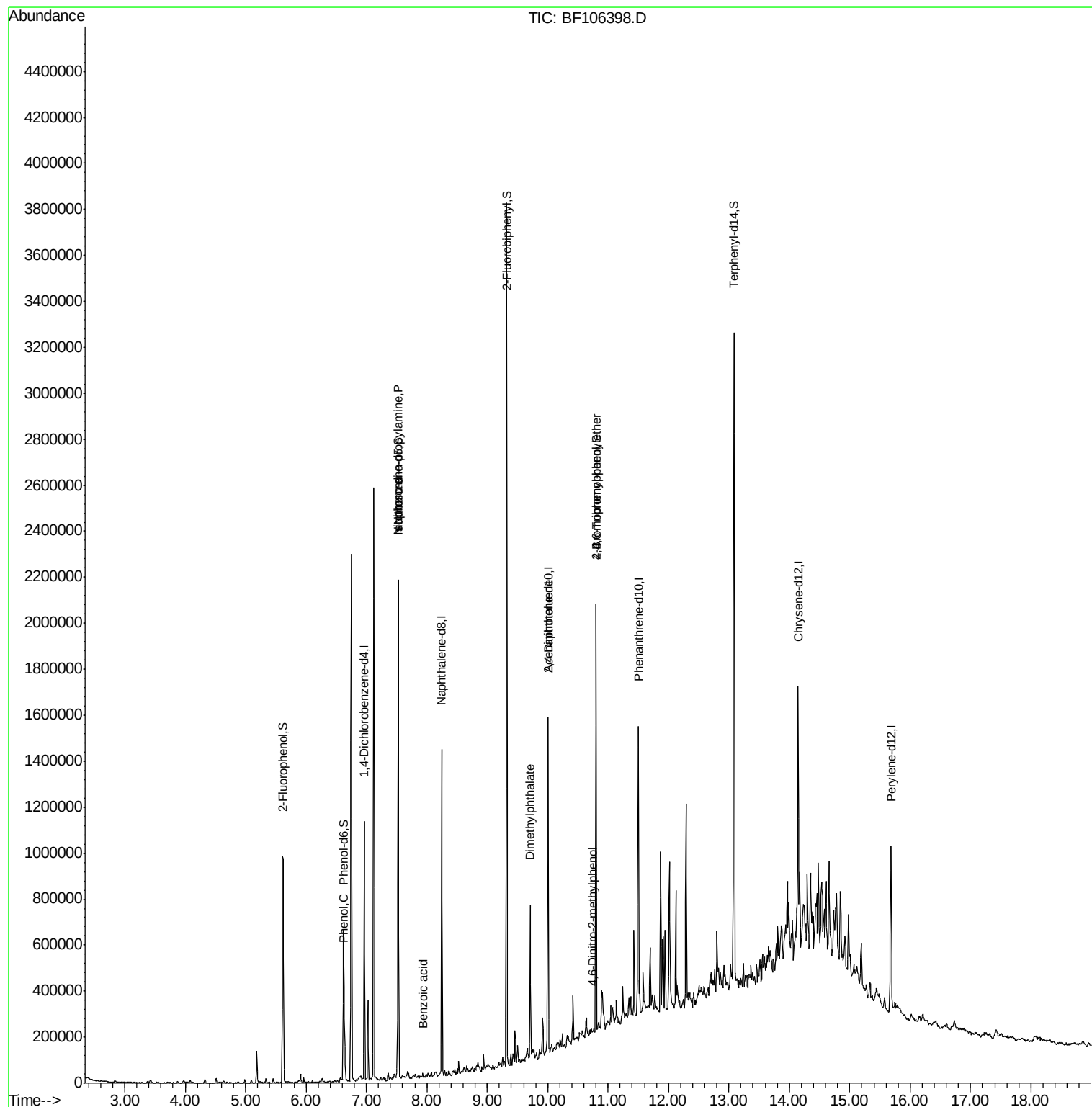
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144143	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	543922	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	259912	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	456495	20.00	ng	0.00
75) Chrysene-d12	14.15	240	356880	20.00	ng	-0.01
86) Perylene-d12	15.68	264	363651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	318344	37.38	ng	0.00
7) Phenol-d6	6.62	99	257568	23.94	ng	0.00
23) Nitrobenzene-d5	7.53	82	682159	73.78	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	223361	89.32	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1148057	75.72	ng	0.00
78) Terphenyl-d14	13.08	244	1060284	73.79	ng	0.00
Target Compounds						
10) Phenol	6.64	94	53793	4.580	ng	94
19) n-Nitroso-di-n-propylamine	7.53	70	94306	11.682	ng	# 76
25) Isophorone	7.53	82	680853	37.701	ng	# 64
32) Benzoic acid	7.92	122	112	7.306	ng	# 16
49) Dimethylphthalate	9.71	163	201643	10.859	ng	# 98
56) 2,4-Dinitrotoluene	10.01	165	35226	7.395	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.74	198	107	6.333	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14972	2.884	ng	# 1

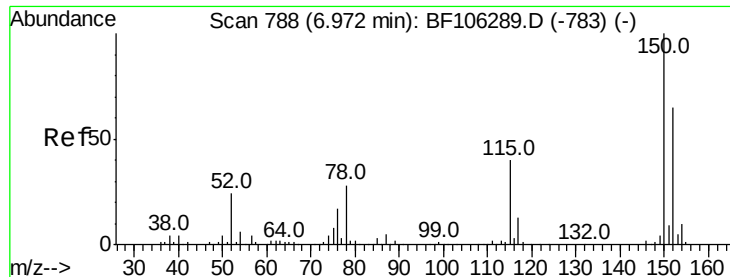
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
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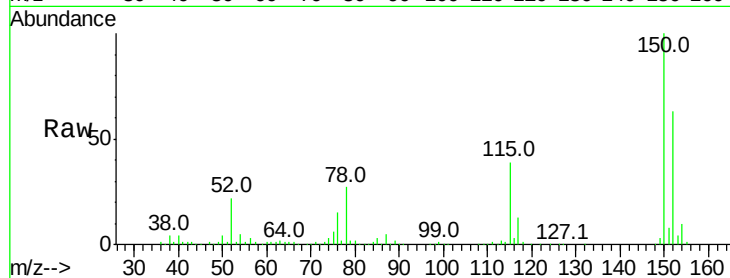


#1

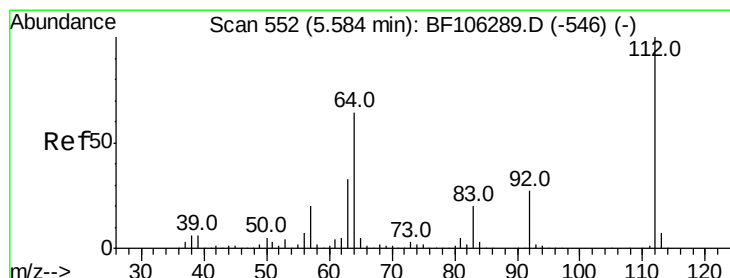
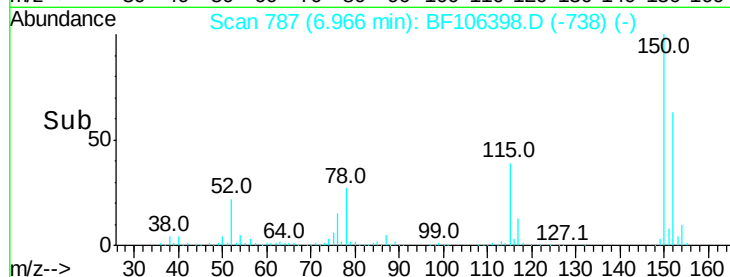
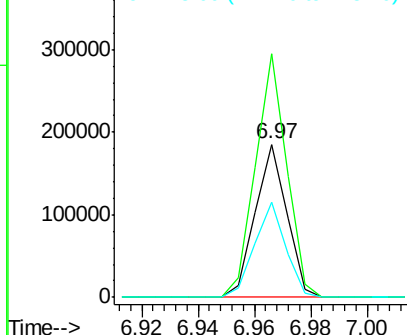
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106398.D
Acq: 13 Jun 2018 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144143
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.3 50.1 75.1



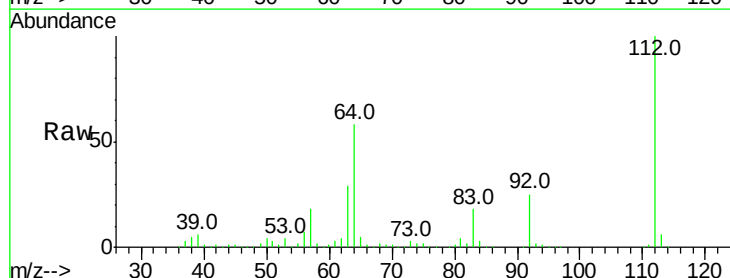
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



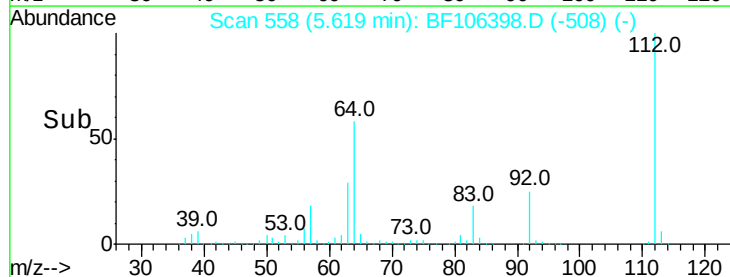
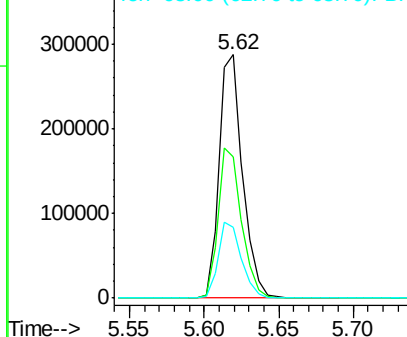
#5

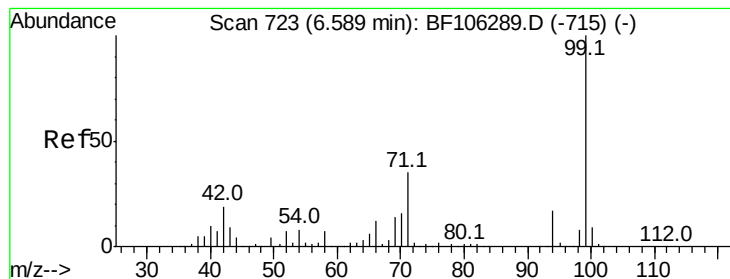
2-Fluorophenol
Concen: 37.379 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF106398.D
Acq: 13 Jun 2018 18:26

Tgt Ion:112 Resp: 318344
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 29.1 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: 23.938 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

Instrument :

BNA_F

ClientSampleId :

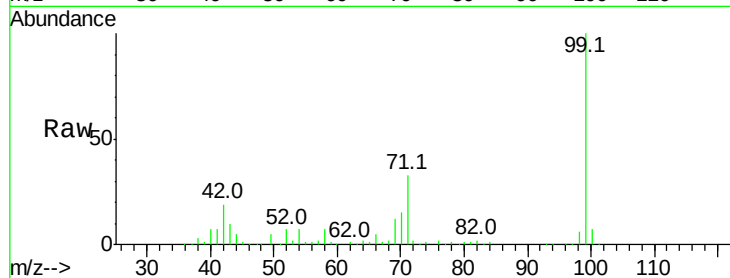
Tot Ion: 99 Resp: 257568

Ion Ratio Lower Upper

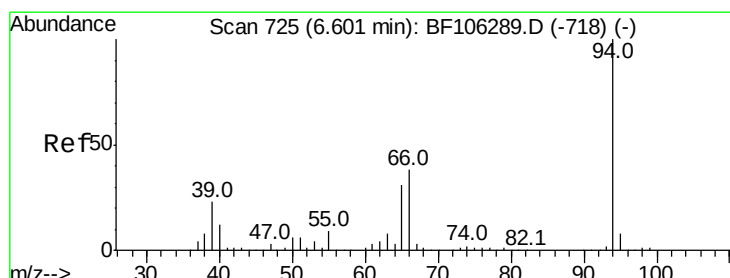
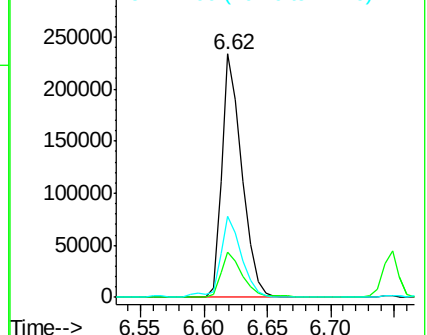
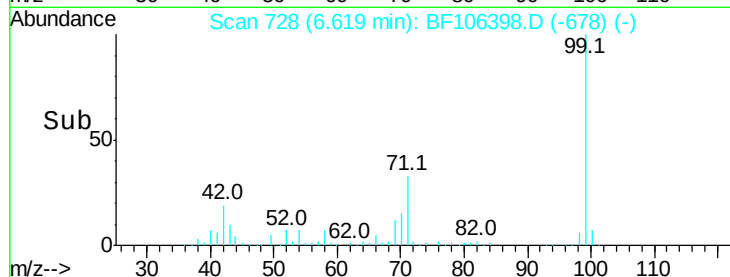
99 100

42 18.7 14.5 21.7

71 33.2 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: 4.580 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

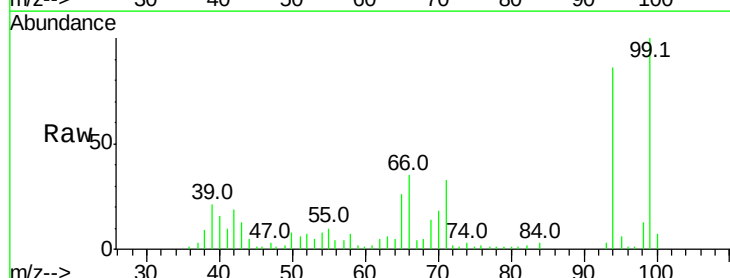
Tgt Ion: 94 Resp: 53793

Ion Ratio Lower Upper

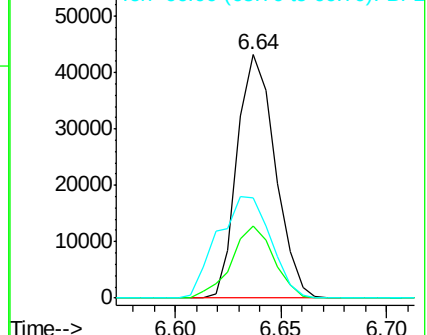
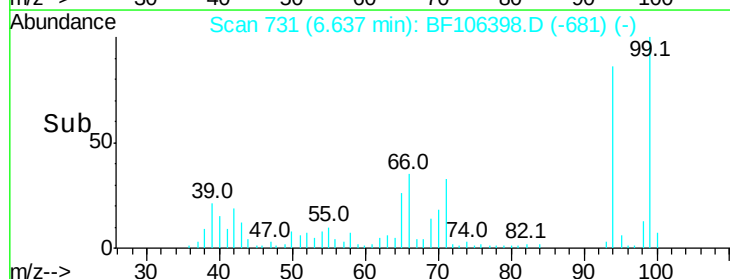
94 100

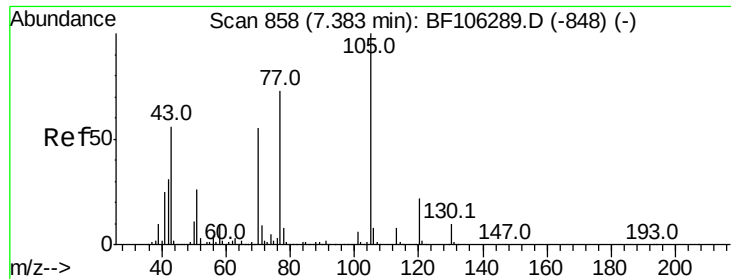
65 29.9 7.9 47.9

66 41.1 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

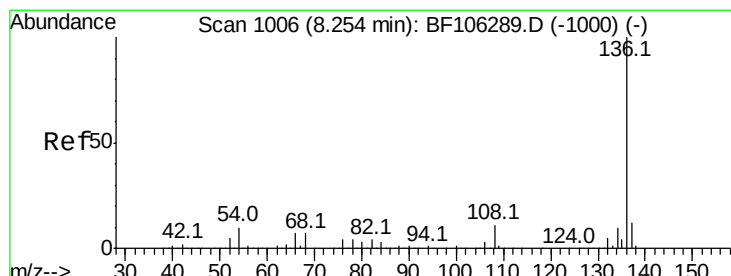
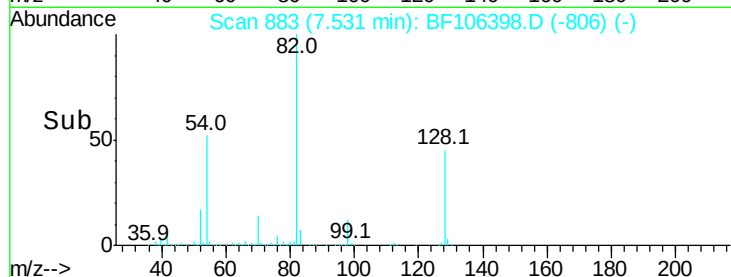
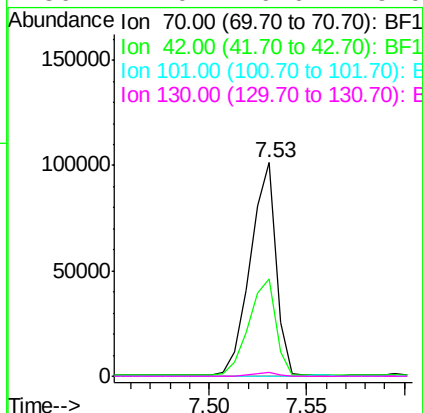
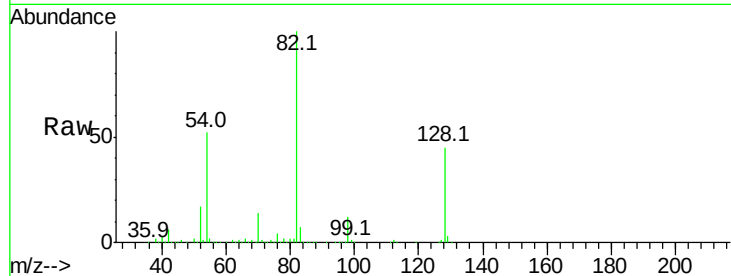




#19
 n-Nitroso-di-n-propylamine
 Concen: 11.682 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.15 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

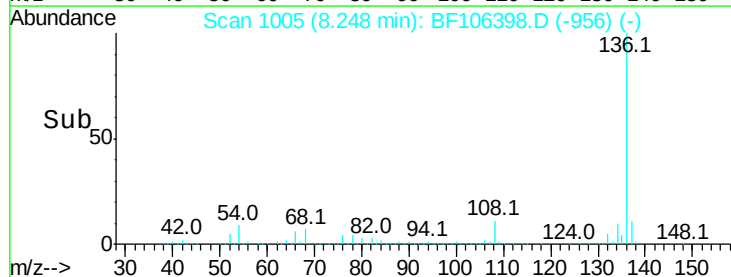
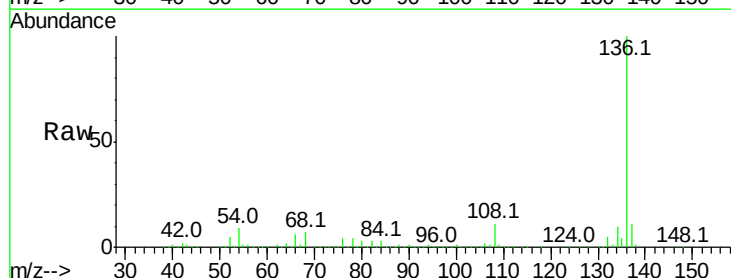
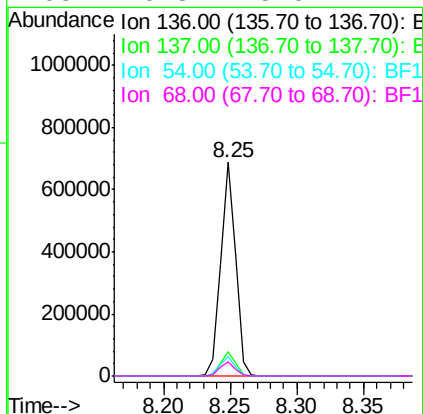
Instrument :
 BNA_F
 ClientSampleId :

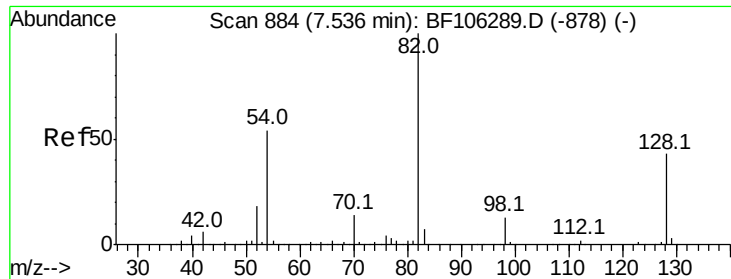
Tot Ion: 70 Resp: 94306
 Ion Ratio Lower Upper
 70 100
 42 45.6 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.0 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.25 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Tgt Ion: 136 Resp: 543922
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.9 13.3
 54 8.7 6.6 9.8
 68 6.8 5.0 7.4

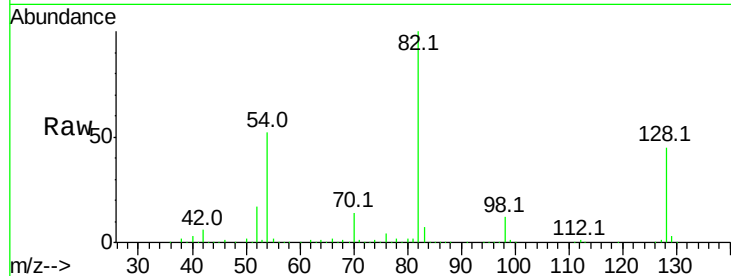




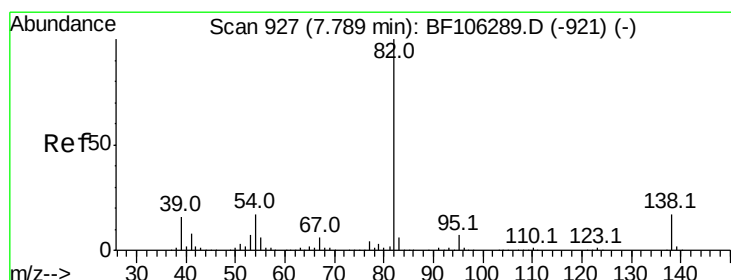
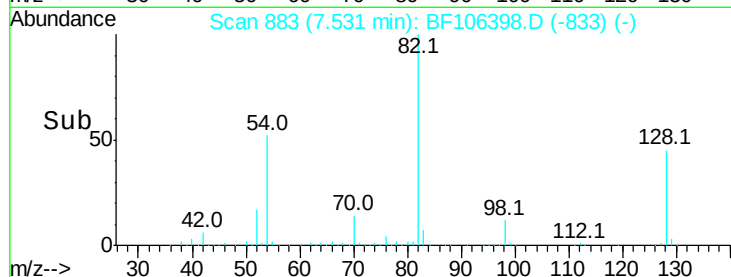
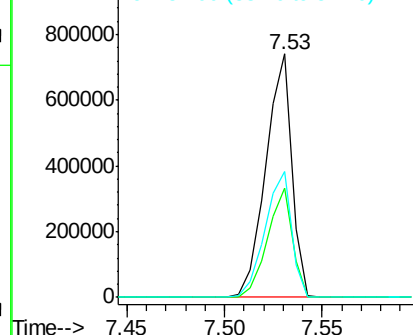
#23
Nitrobenzene-d5
Concen: 73.780 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106398.D
Acq: 13 Jun 2018 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	682159
Ion Ratio	100	Lower	Upper
128	44.8	36.1	54.1
54	51.9	41.4	62.2

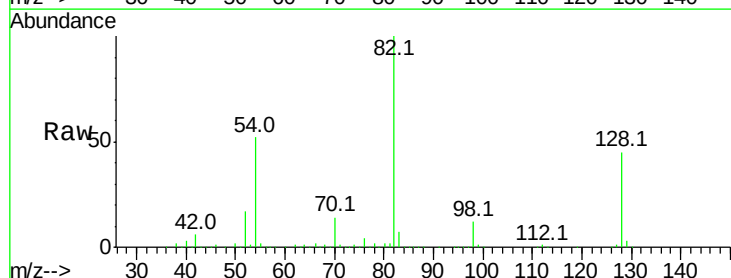


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

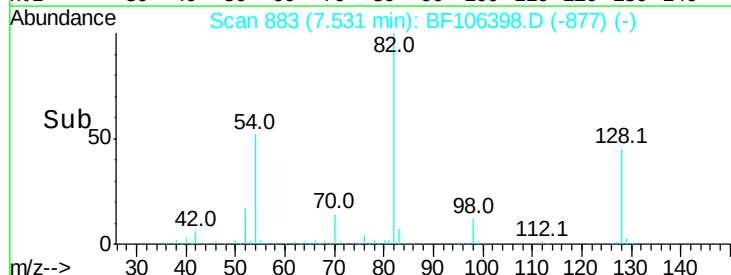
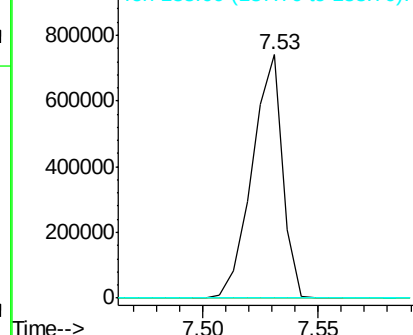


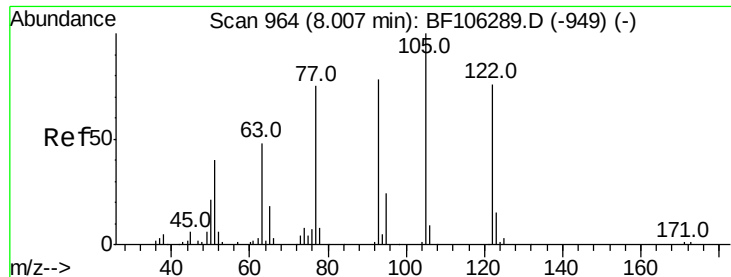
#25
Isophorone
Concen: 37.701 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106398.D
Acq: 13 Jun 2018 18:26

Tgt Ion	82	Resp	680853
Ion Ratio	100	Lower	Upper
95	0.1	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: 7.306 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.08 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

Instrument :

BNA_F

ClientSampleId :

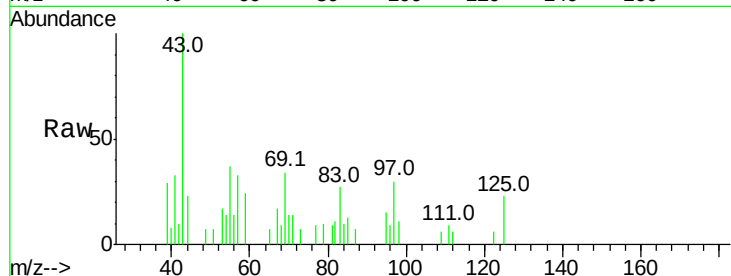
Tot Ion:122 Resp: 112

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 138.4 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

600

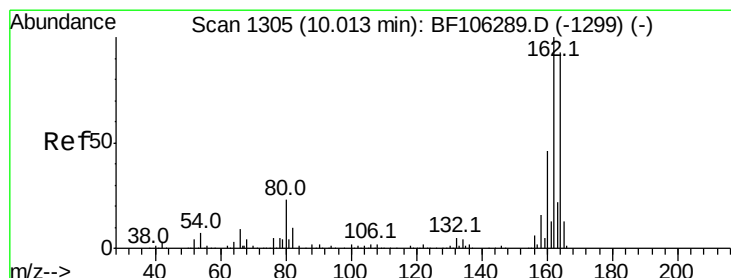
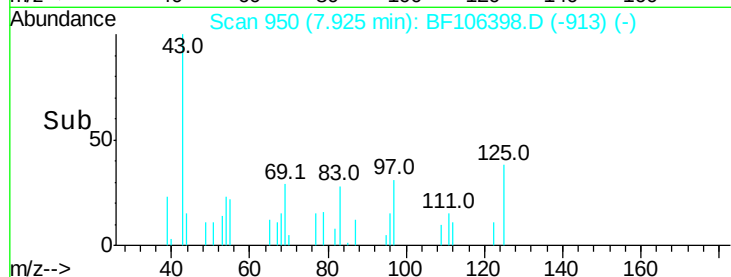
400

200

0

7.92 7.93 7.94

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

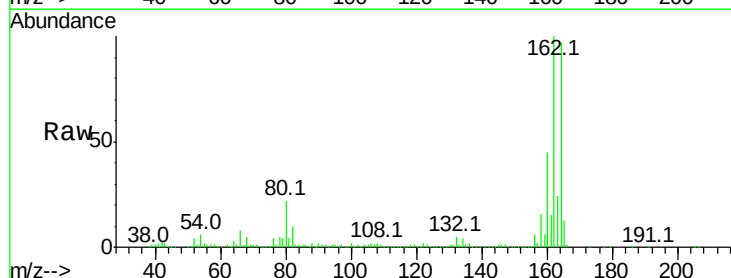
Tgt Ion:164 Resp: 259912

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

160 46.6 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

400000

300000

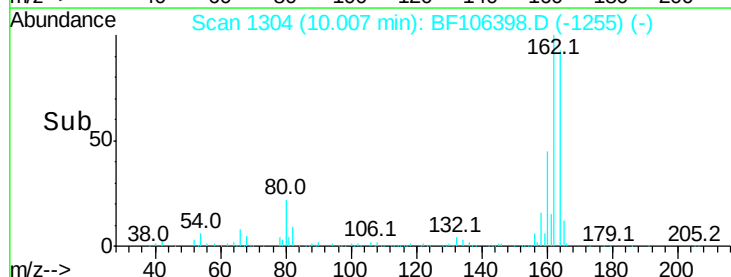
200000

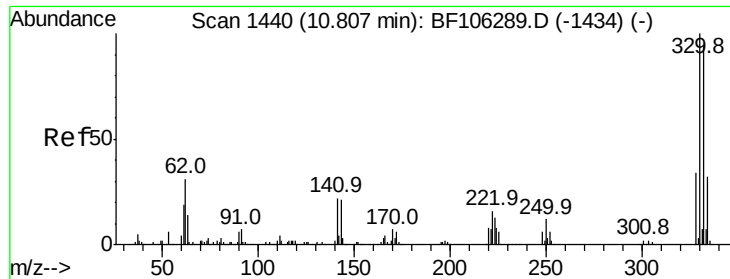
100000

0

9.95 10.00 10.05

Time-->

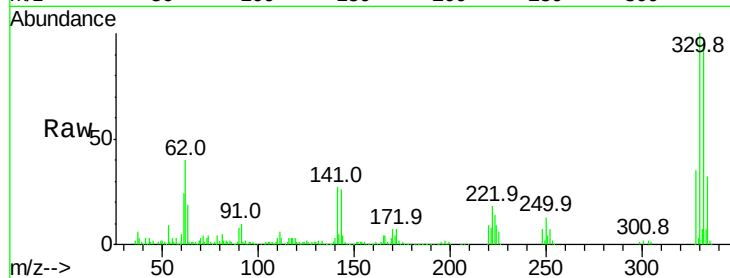




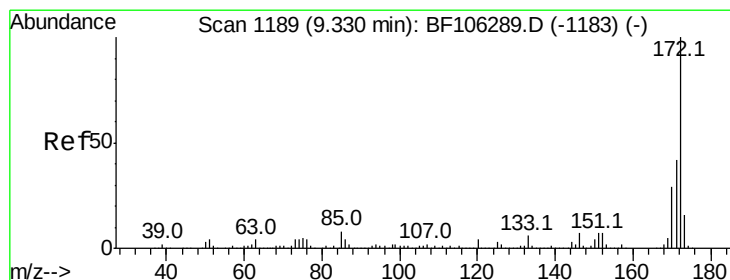
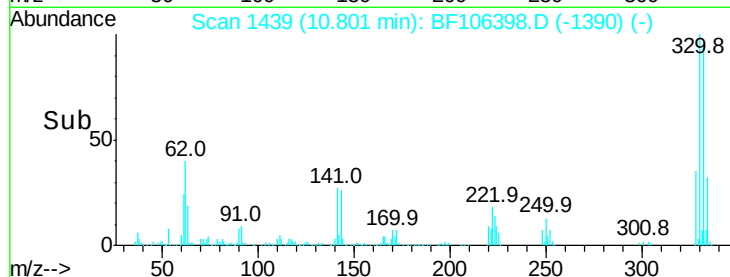
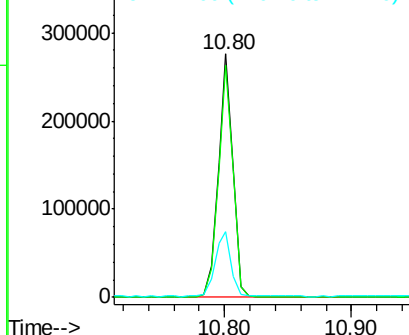
#41
 2,4,6-Tribromophenol
 Concen: 89.316 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.0	29.9	44.9#

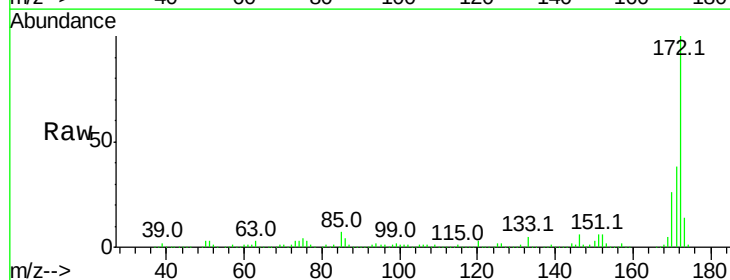


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

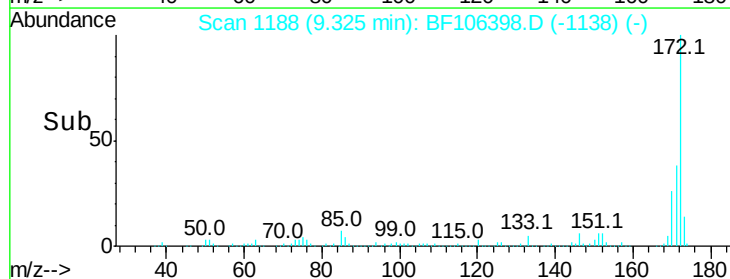
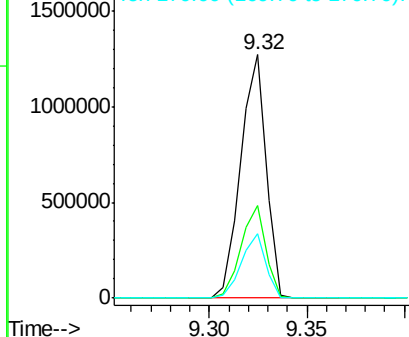


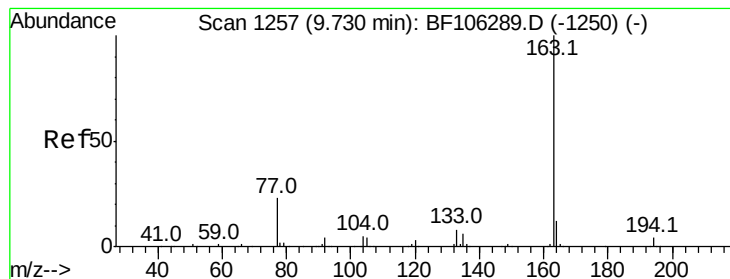
#44
 2-Fluorobiphenyl
 Concen: 75.723 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.7	44.5
170	26.3	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: 10.859 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

Instrument :

BNA_F

ClientSampleId :

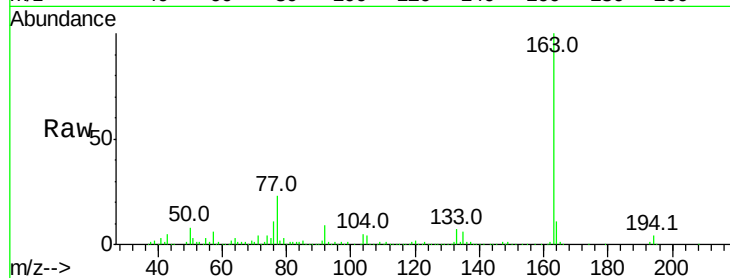
Tot Ion:163 Resp: 201643

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

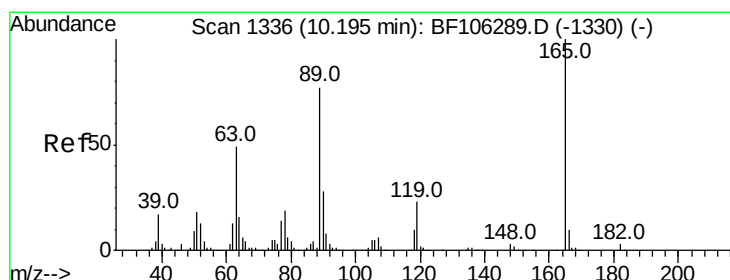
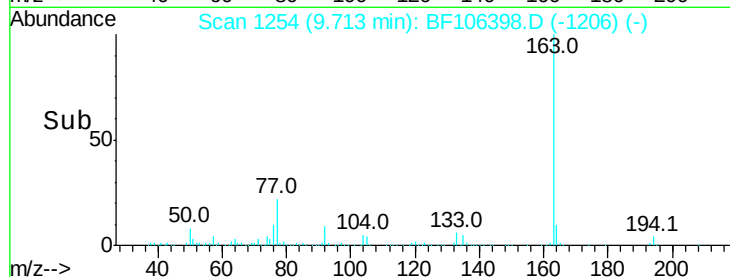
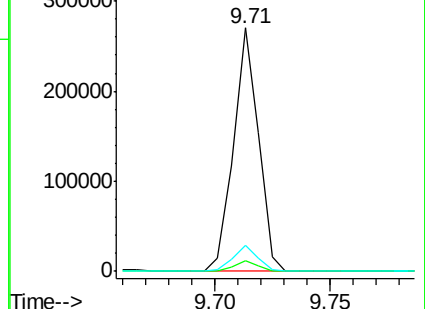
164 10.7 8.2 12.2



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: 7.395 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

Tgt Ion:165 Resp: 35226

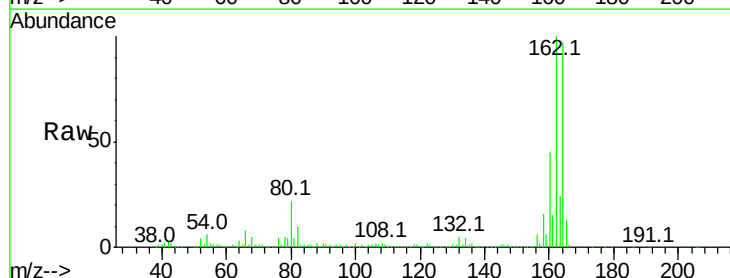
Ion Ratio Lower Upper

165 100

63 2.2 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

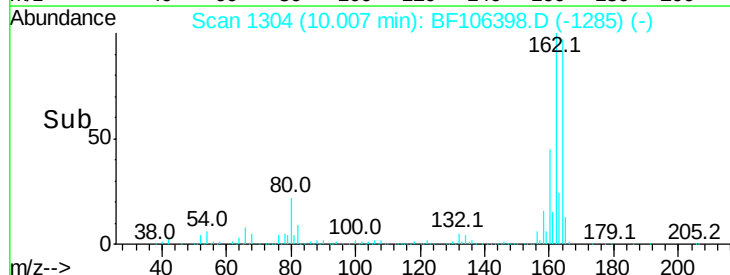
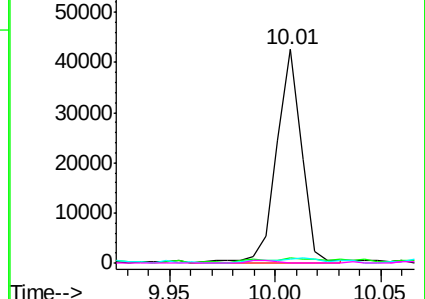


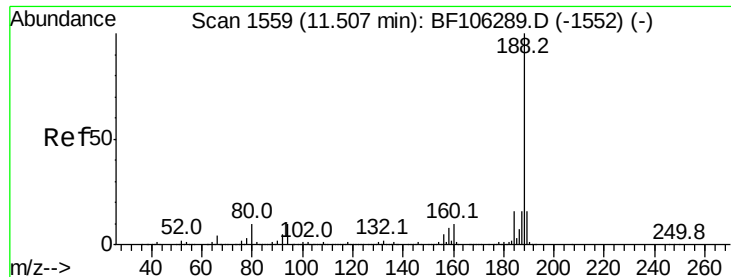
Abundance Ion 165.00 (164.70 to 165.70): E

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

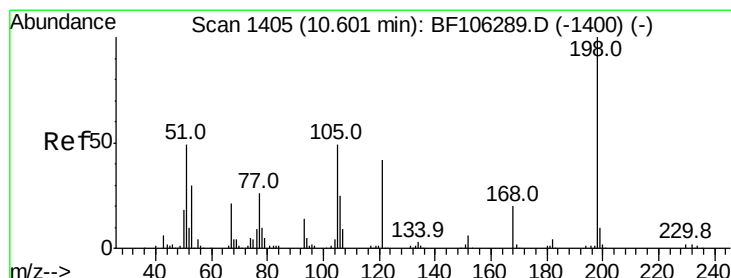
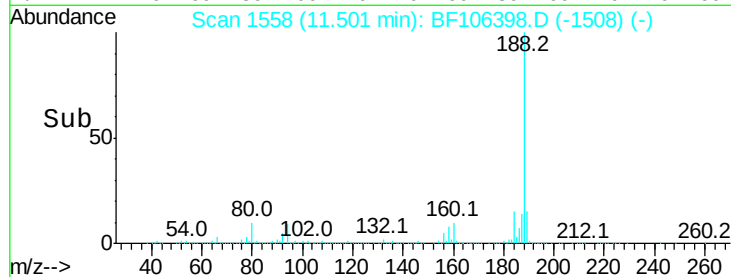
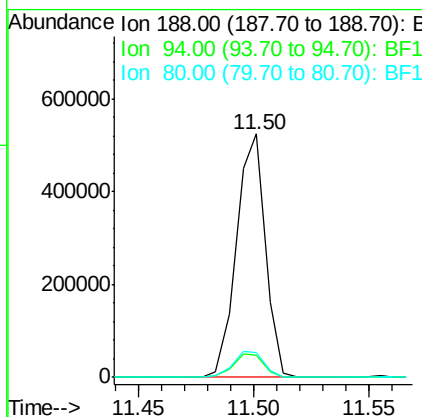
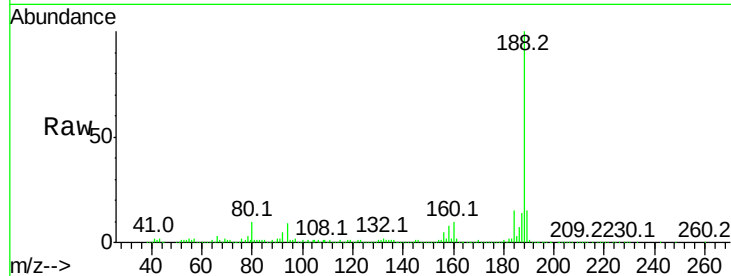




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

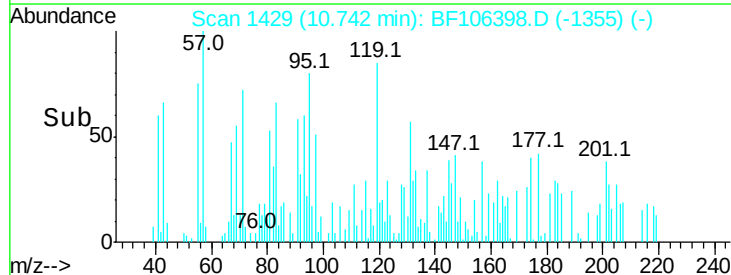
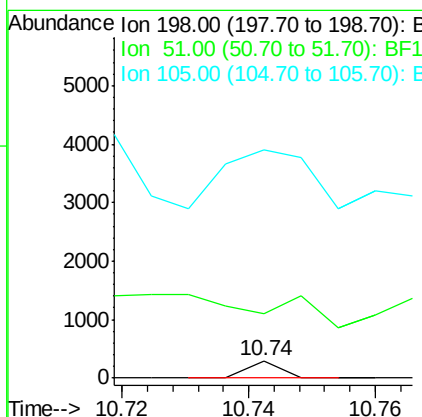
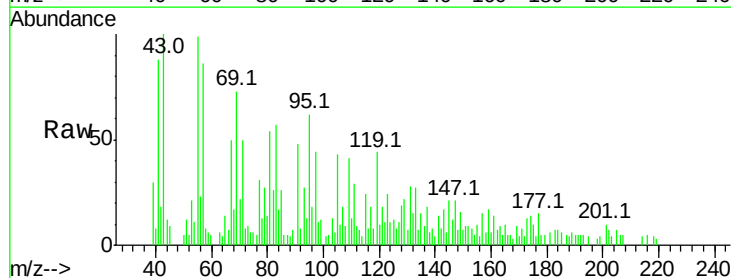
Instrument :
 BNA_F
 ClientSampleId :

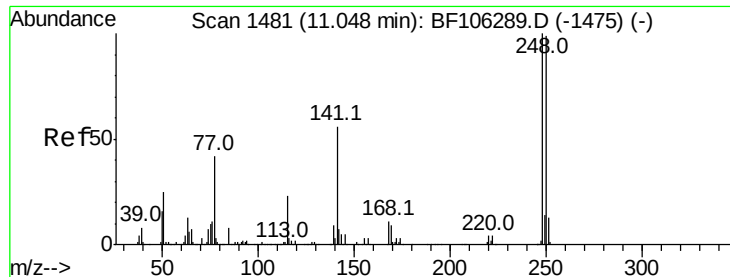
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.333 ng
 RT: 10.74 min Scan# 1429
 Delta R.T. 0.14 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	367.2	37.7	77.7#
105	1292.4	36.3	76.3#

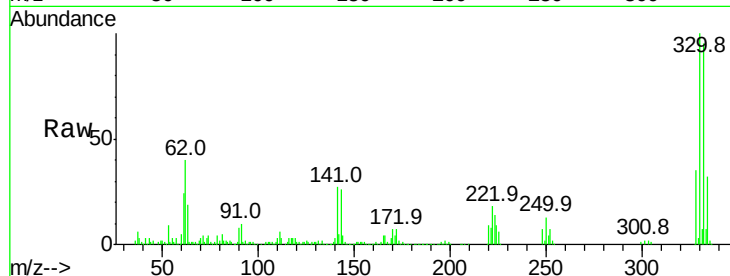




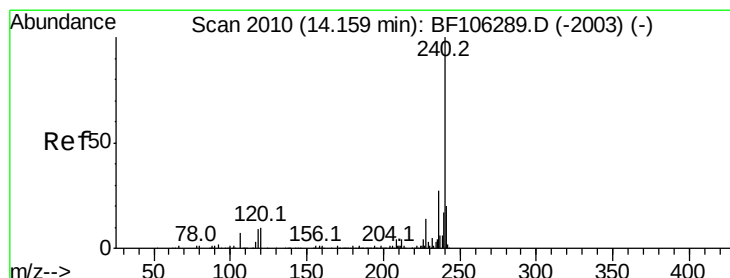
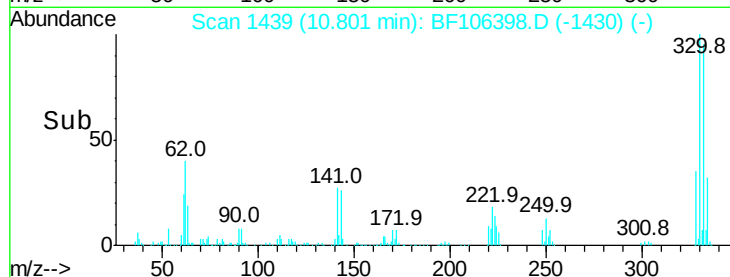
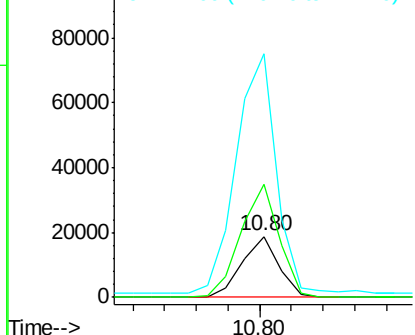
#66
 4-Bromophenyl-phenylether
 Concen: 2.884 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14972
 Ion Ratio Lower Upper
 248 100
 250 185.1 76.9 115.3#
 141 399.7 74.4 111.6#

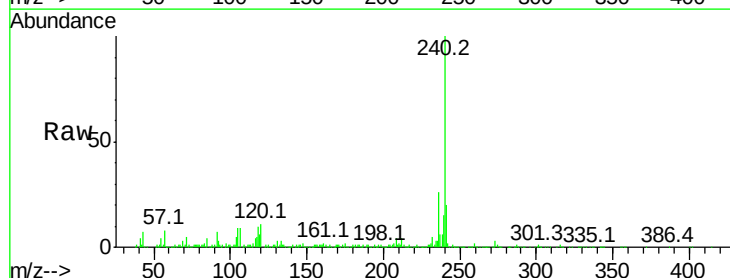


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

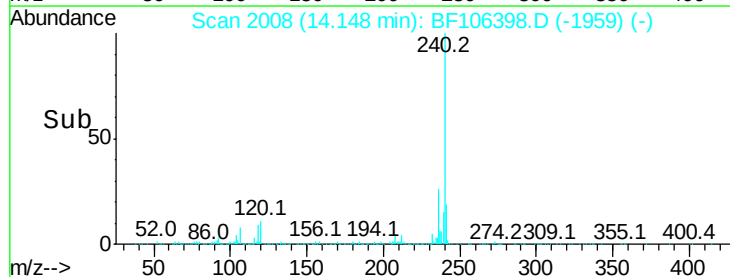
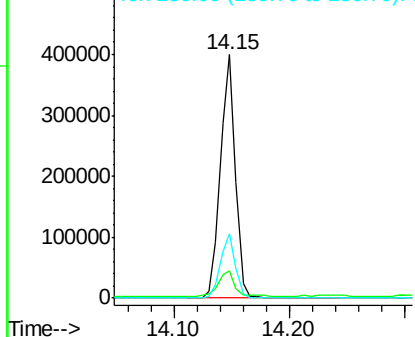


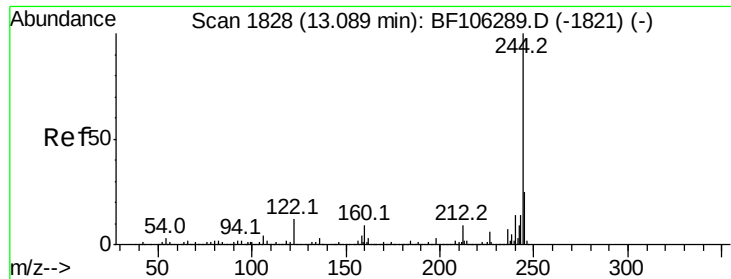
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF106398.D
 Acq: 13 Jun 2018 18:26

Tgt Ion:240 Resp: 356880
 Ion Ratio Lower Upper
 240 100
 120 11.3 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: 73.793 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

Instrument :

BNA_F

ClientSampled :

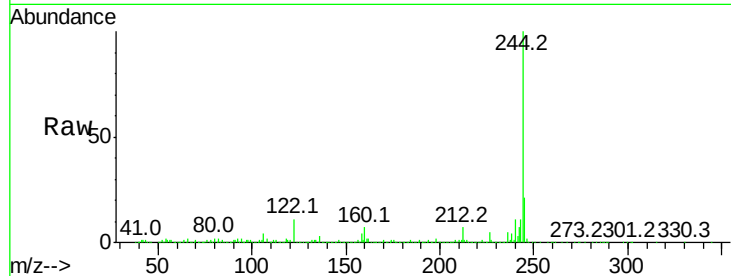
Tot Ion:244 Resp: 1060284

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

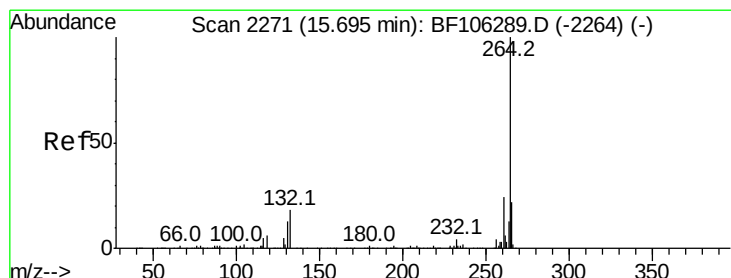
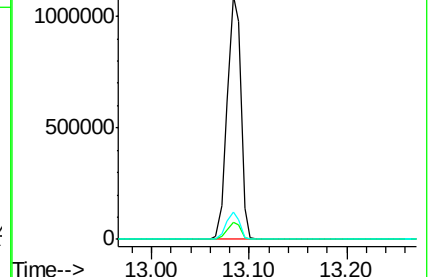
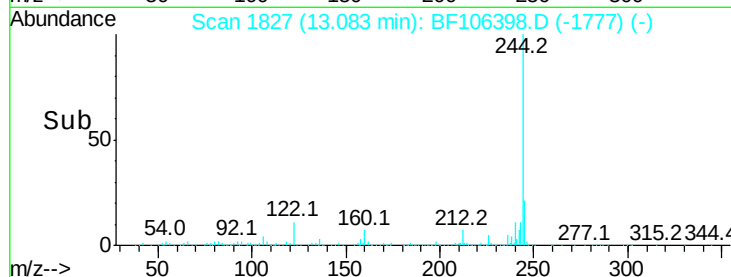
122 11.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF106398.D

Acq: 13 Jun 2018 18:26

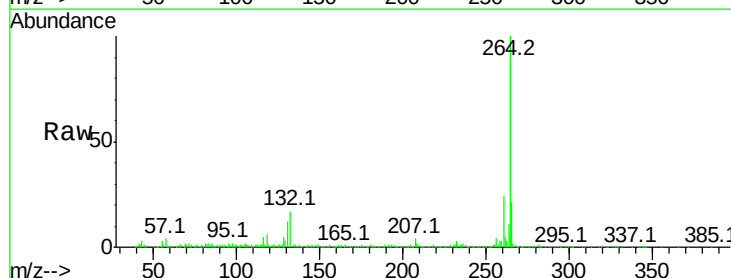
Tgt Ion:264 Resp: 363651

Ion Ratio Lower Upper

264 100

260 23.6 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

