

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102393.D
 Acq On : 24 Jan 2018 16:57
 Operator : SJ/JU
 Sample : J1250-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:08:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

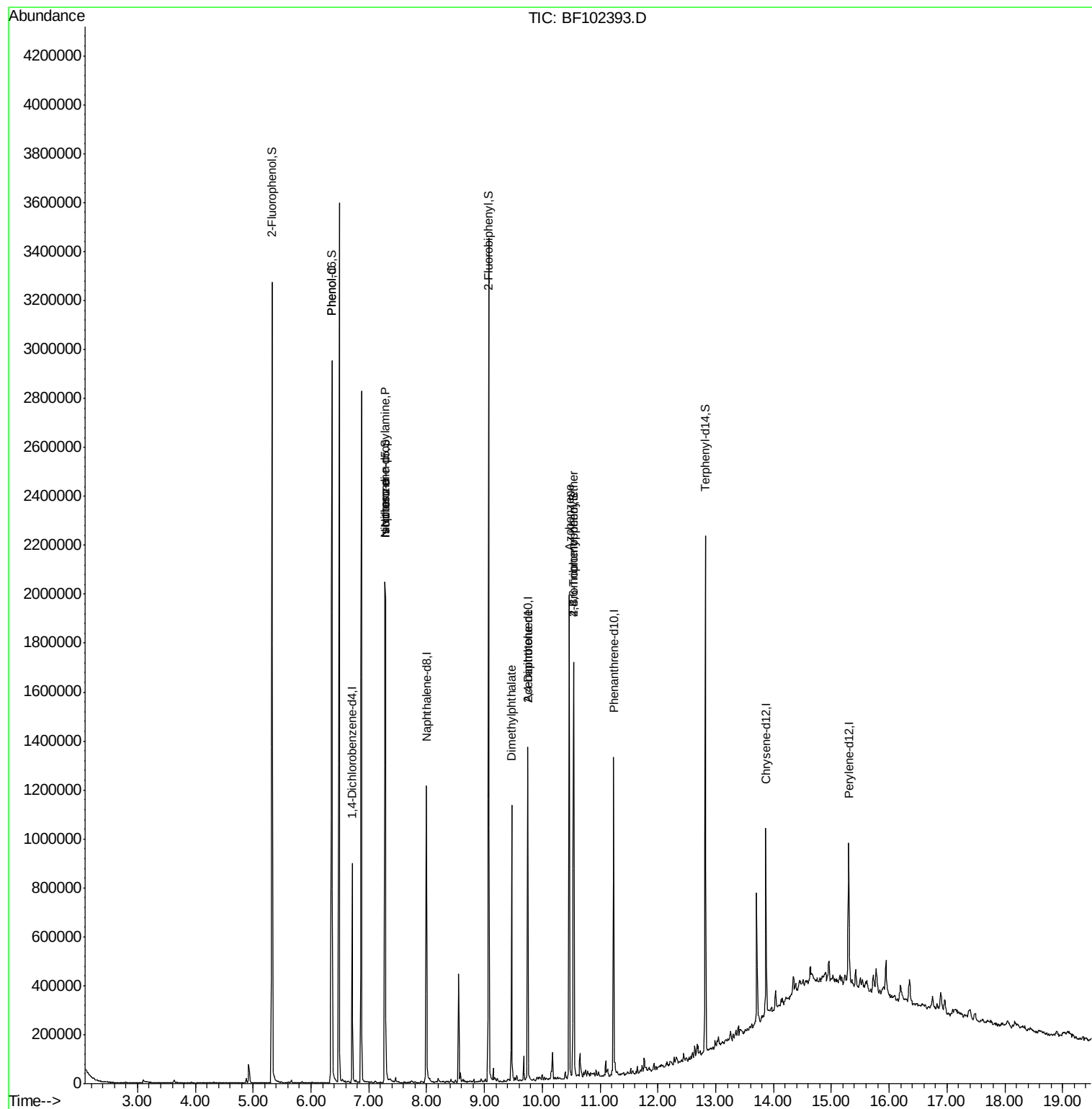
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143615	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	597884	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	270863	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	436546	20.00	ng	0.00
75) Chrysene-d12	13.87	240	270613	20.00	ng	0.00
86) Perylene-d12	15.30	264	251176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1017808	107.46	ng	0.00
7) Phenol-d6	6.36	99	1222582	107.07	ng	0.00
23) Nitrobenzene-d5	7.28	82	788220	75.76	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	209030	77.88	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1094133	59.39	ng	0.00
78) Terphenyl-d14	12.82	244	742995	61.90	ng	0.00
Target Compounds						
10) Phenol	6.37	94	63428	5.088	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	102515	14.670	ng	# 80
25) Isophorone	7.28	82	771146	41.576	ng	# 64
49) Dimethylphthalate	9.47	163	403074	18.004	ng	99
56) 2,4-Dinitrotoluene	9.75	165	34910	5.881	ng	# 23
62) Azobenzene	10.47	77	371888	18.670	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	14666	3.121	ng	# 1

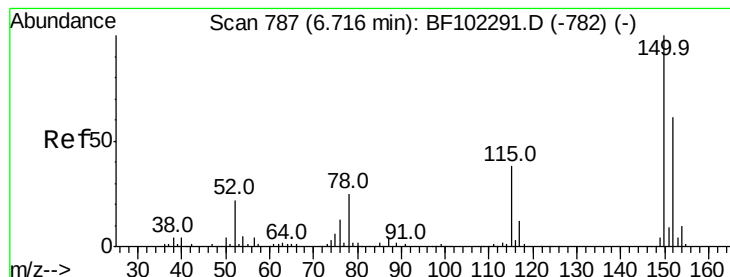
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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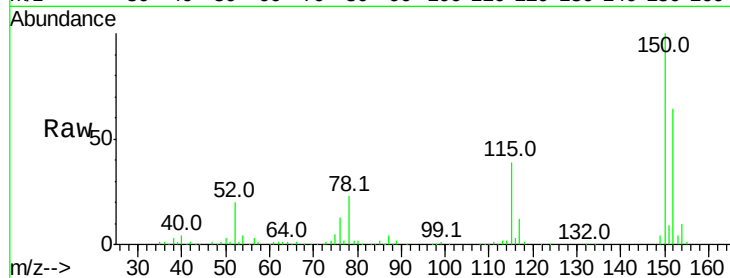


#1

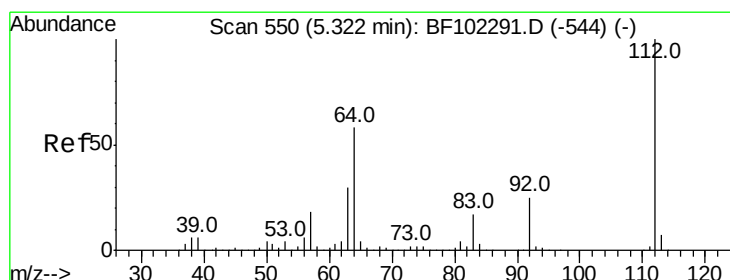
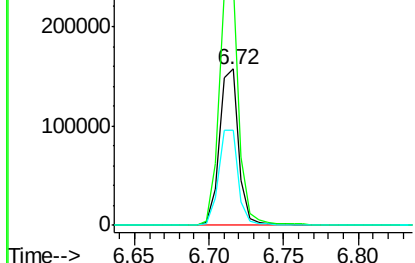
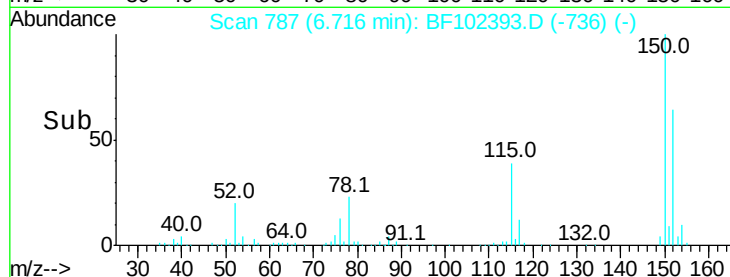
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143615
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 60.8 50.1 75.1



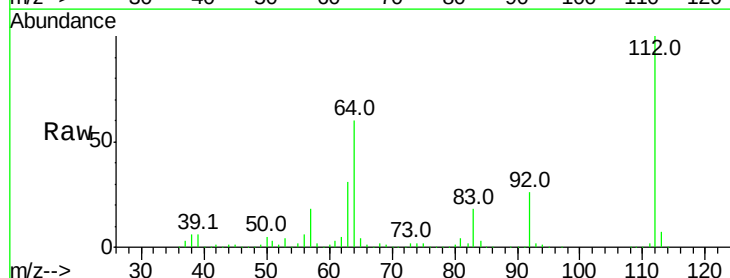
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



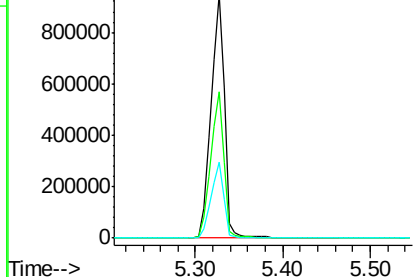
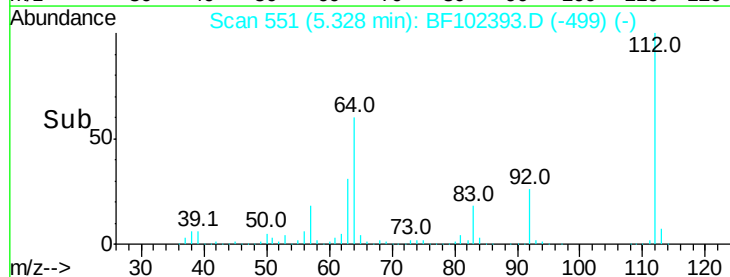
#5

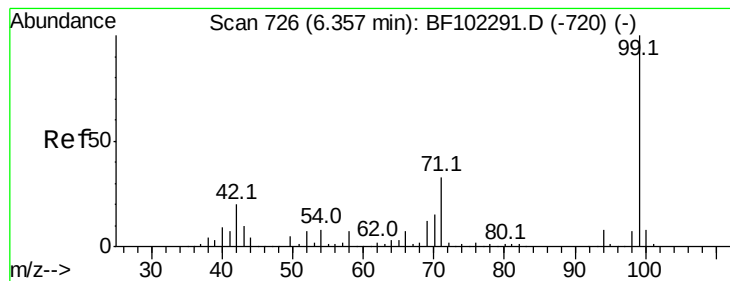
2-Fluorophenol
Concen: 107.458 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion:112 Resp: 1017808
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.0 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: 107.066 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampled :

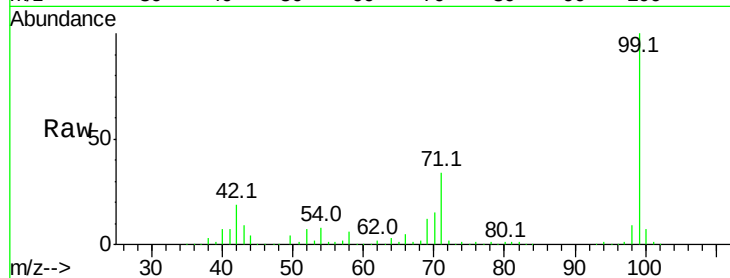
Tot Ion: 99 Resp: 1222582

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	33.7	25.4	38.0

99 100

42 18.5 14.5 21.7

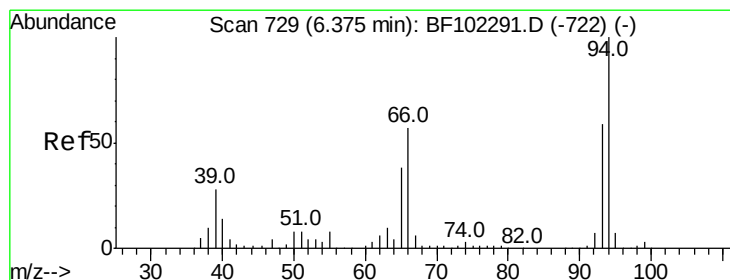
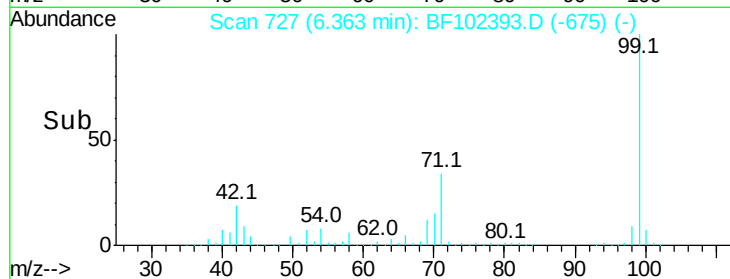
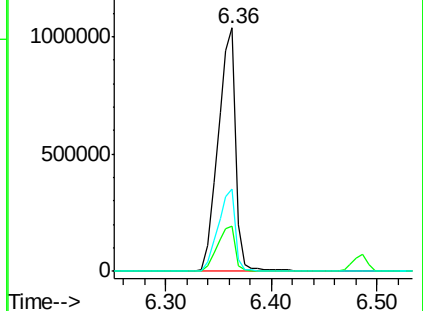
71 33.7 25.4 38.0



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: 5.088 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

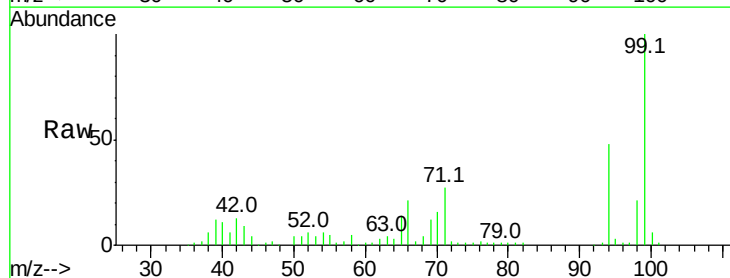
Tgt Ion: 94 Resp: 63428

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	44.6	16.2	56.2

94 100

65 29.2 7.9 47.9

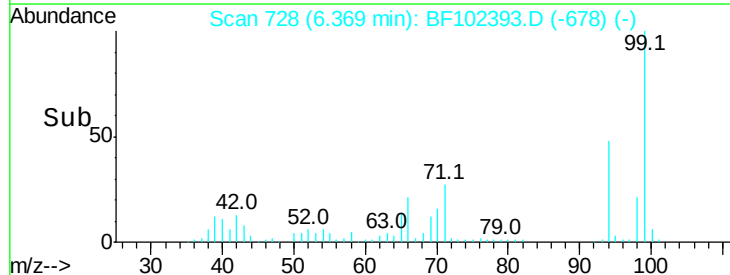
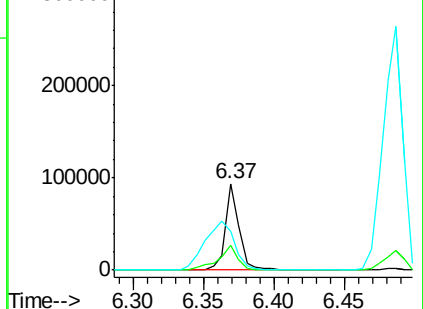
66 44.6 16.2 56.2

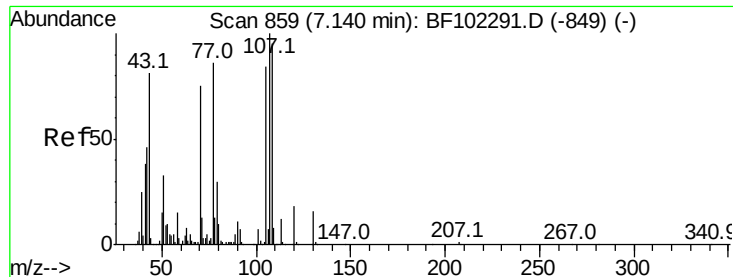


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

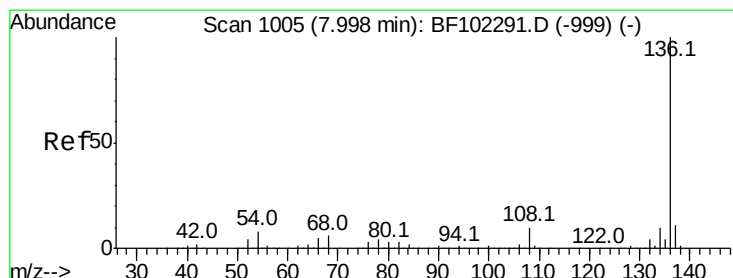
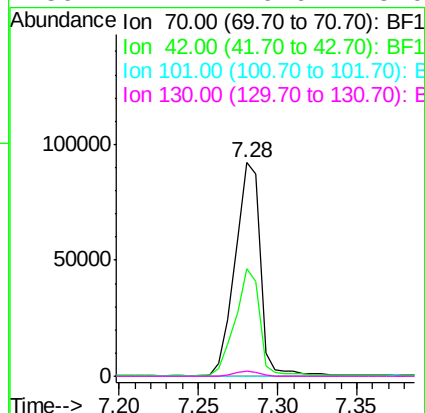
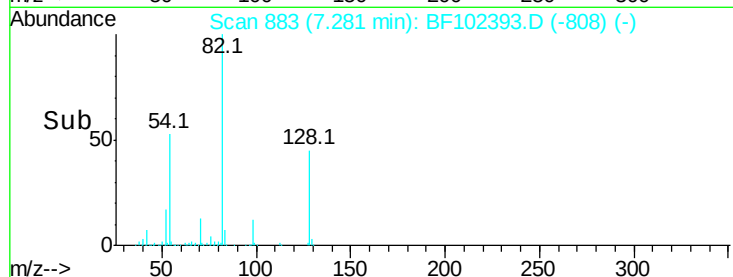
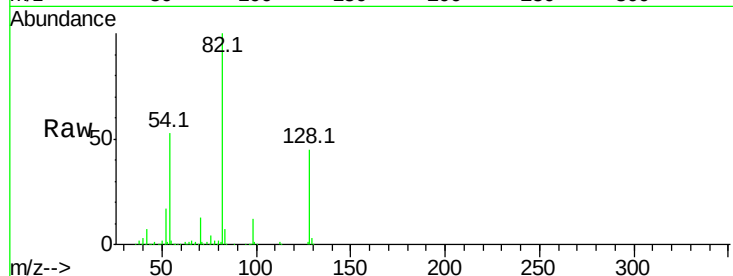




#19
n-Nitroso-di-n-propylamine
Concen: 14.670 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

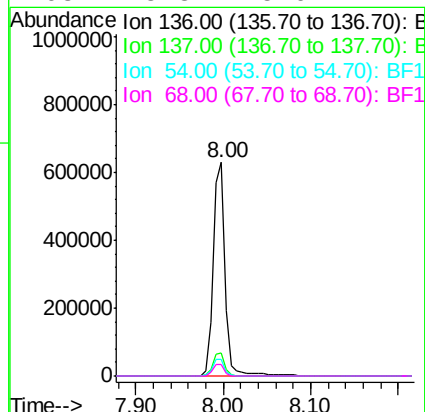
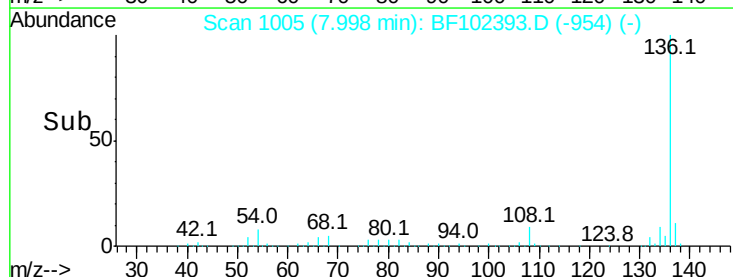
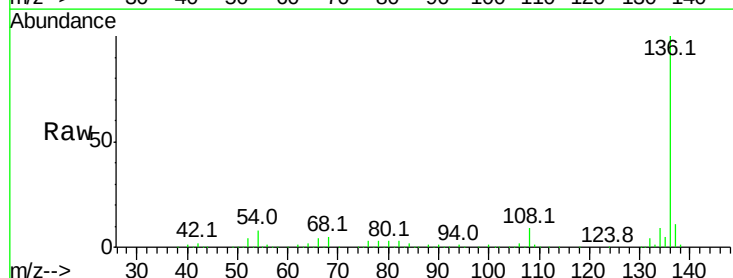
Instrument :
BNA_F
ClientSampleId :

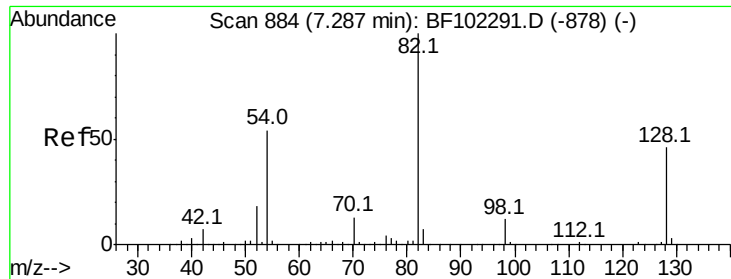
Tot Ion: 70 Resp: 102515
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion:136 Resp: 597884
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.5 6.6 9.8
68 5.3 5.0 7.4

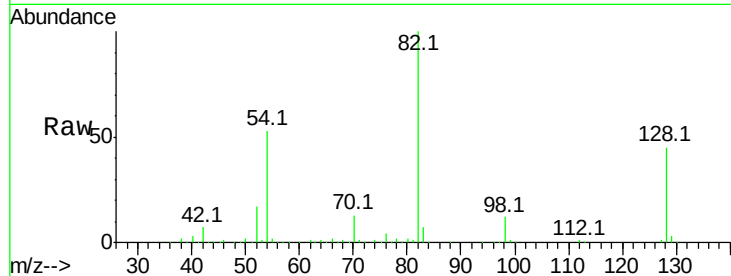




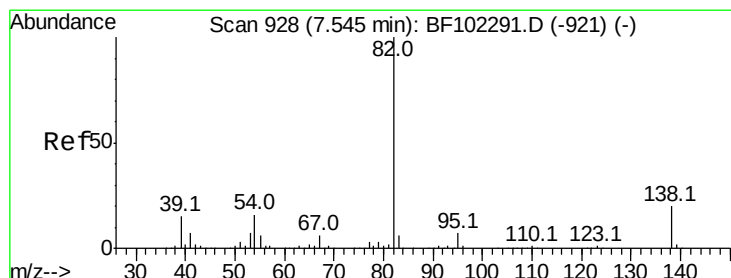
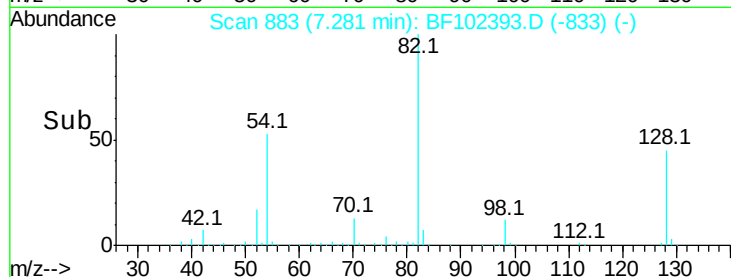
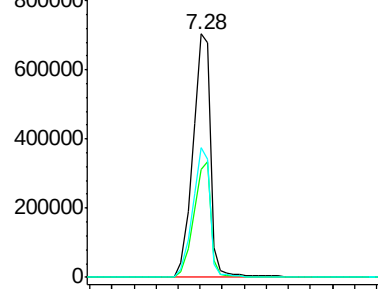
#23
Nitrobenzene-d5
Concen: 75.761 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 788220
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 53.2 41.4 62.2

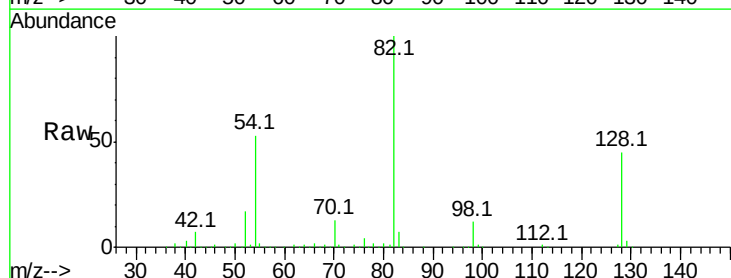


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

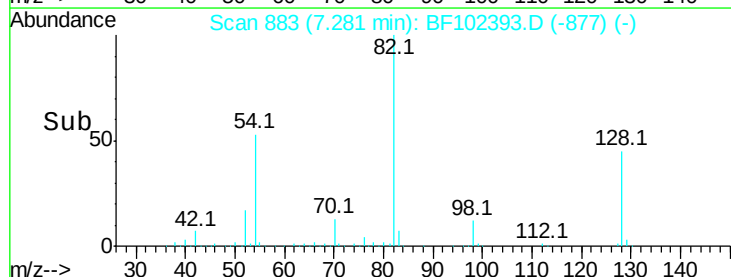
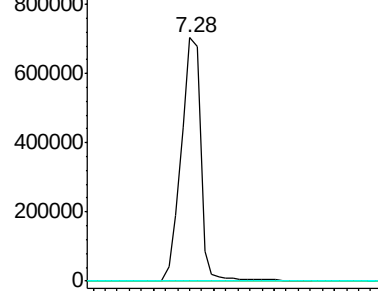


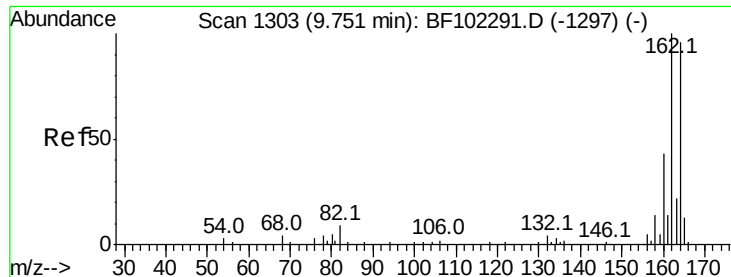
#25
Isophorone
Concen: 41.576 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion: 82 Resp: 771146
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

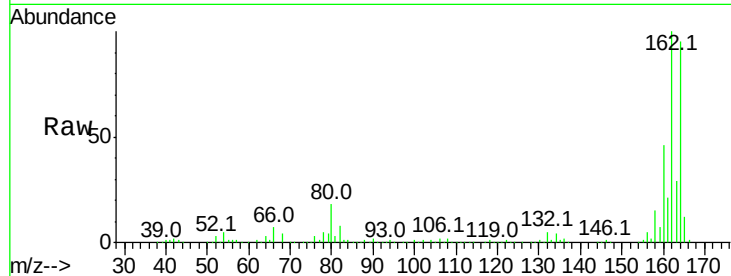




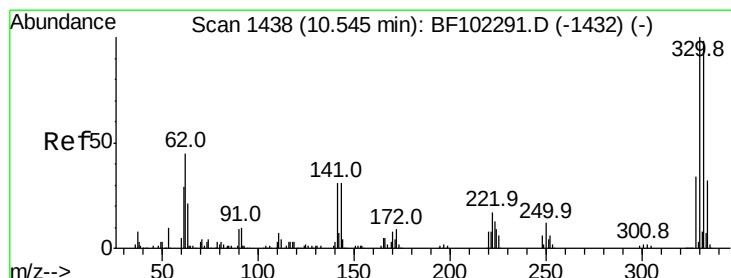
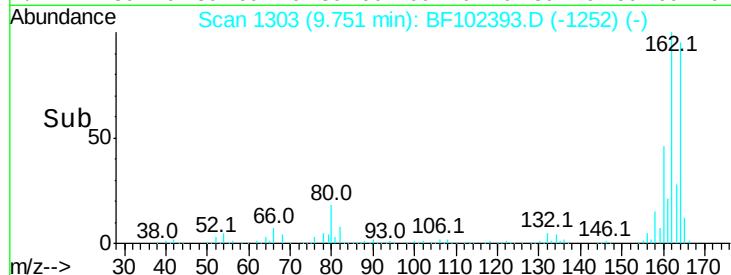
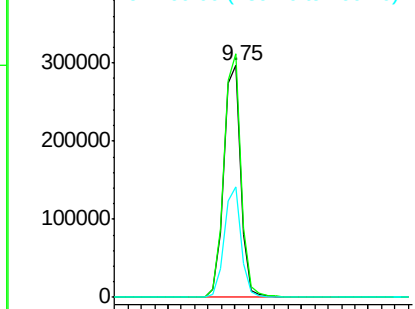
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 270863
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 47.9 38.3 57.5

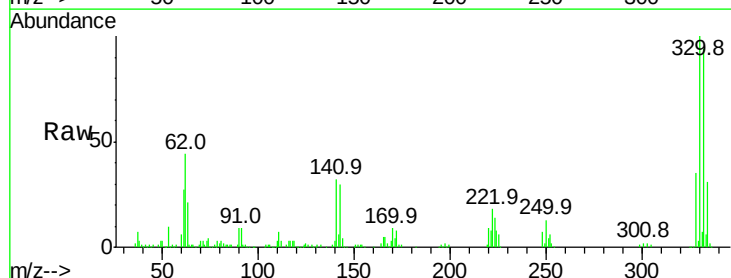


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

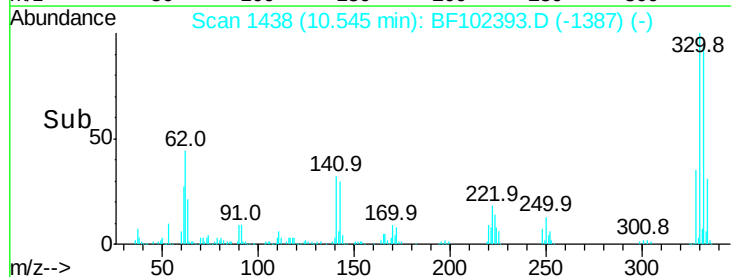
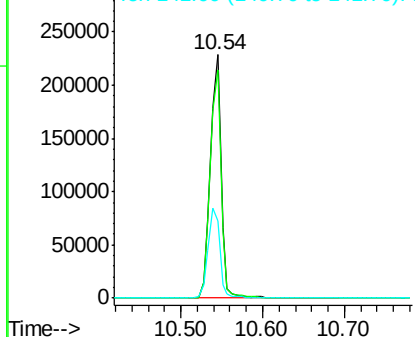


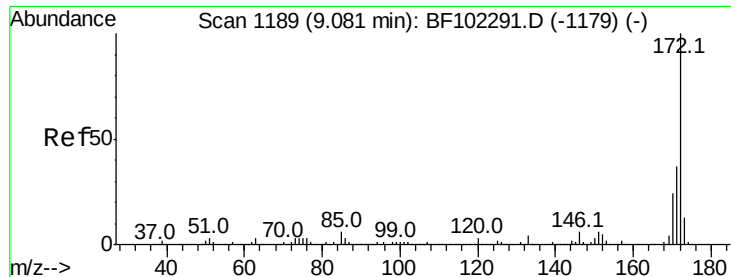
#41
 2,4,6-Tribromophenol
 Concen: 77.884 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

Tgt Ion:330 Resp: 209030
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 40.4 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

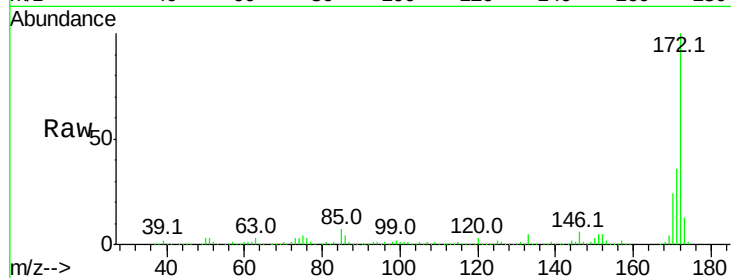




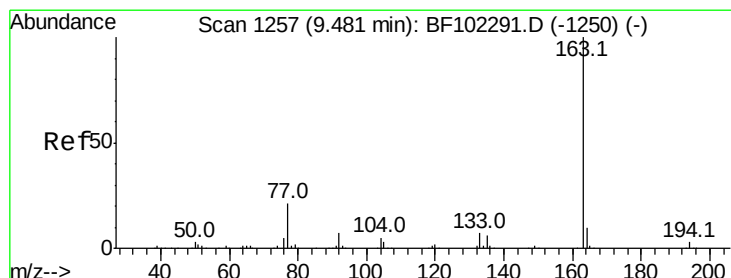
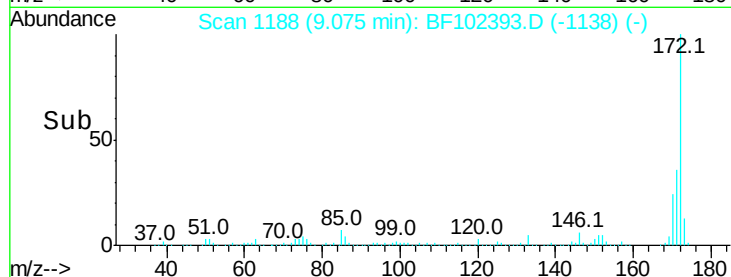
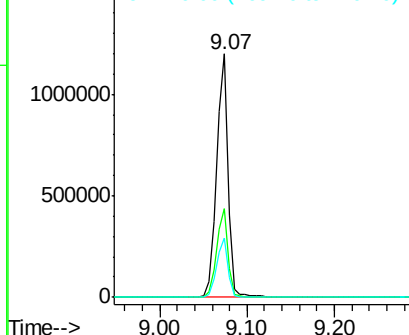
#44
2-Fluorobiphenyl
Concen: 59.394 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1094133
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

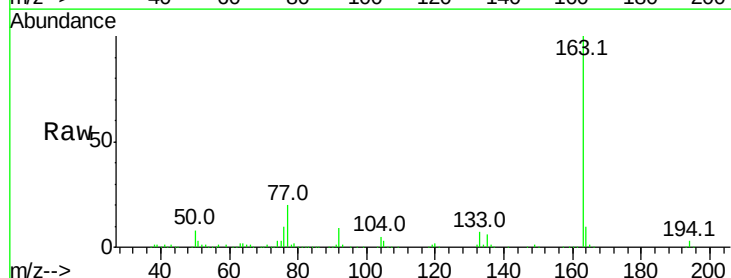


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

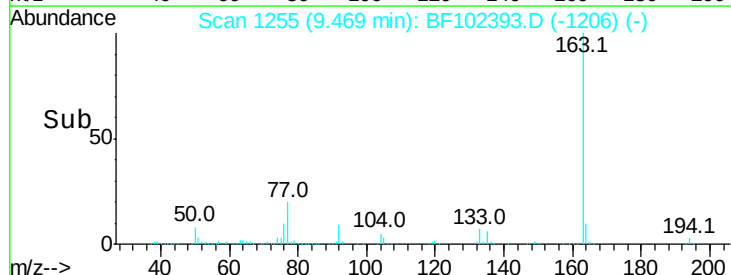
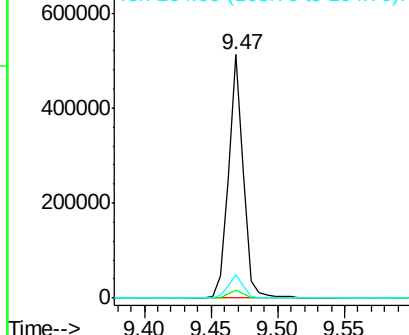


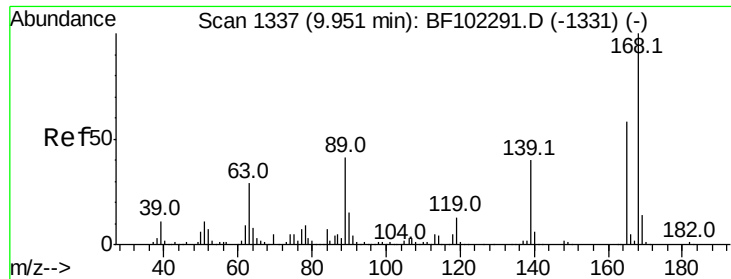
#49
Dimethylphthalate
Concen: 18.004 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion:163 Resp: 403074
Ion Ratio Lower Upper
163 100
194 3.4 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

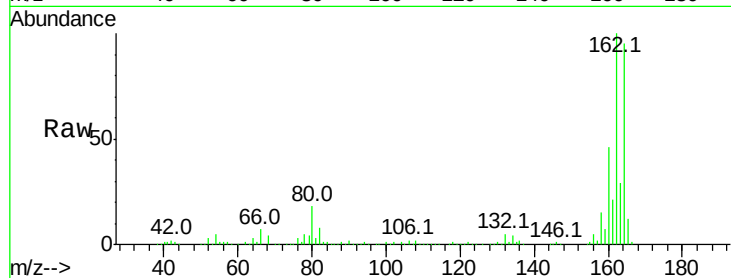




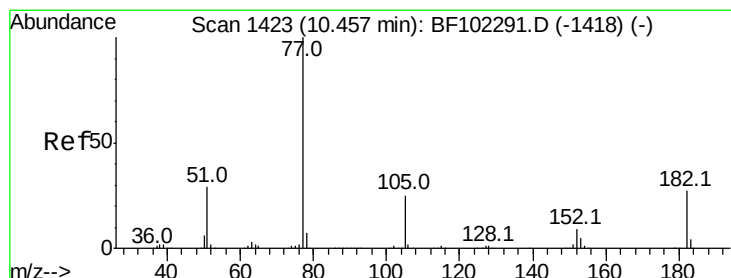
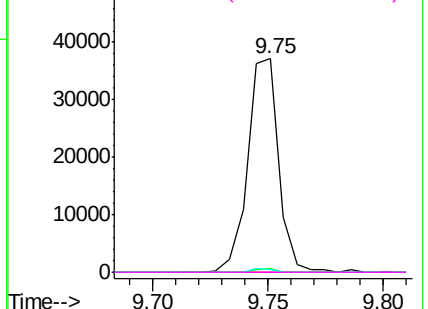
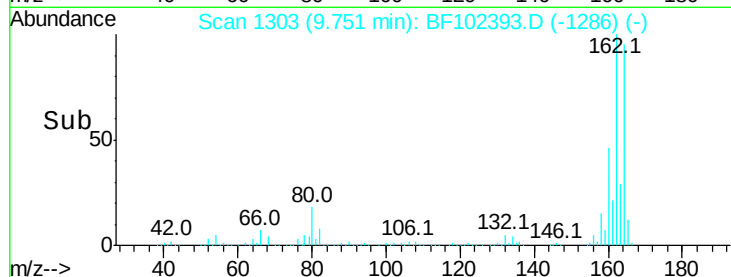
#56
 2,4-Dinitrotoluene
 Concen: 5.881 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34910
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

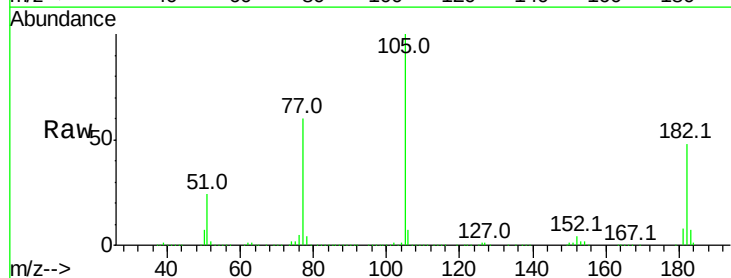


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

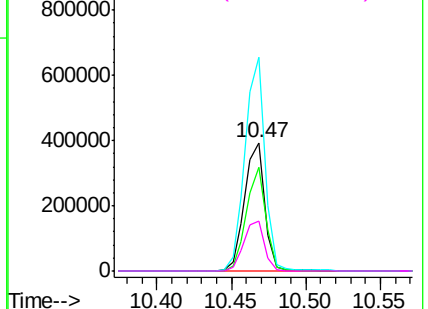
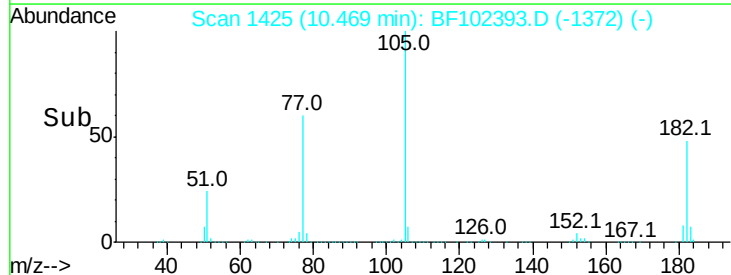


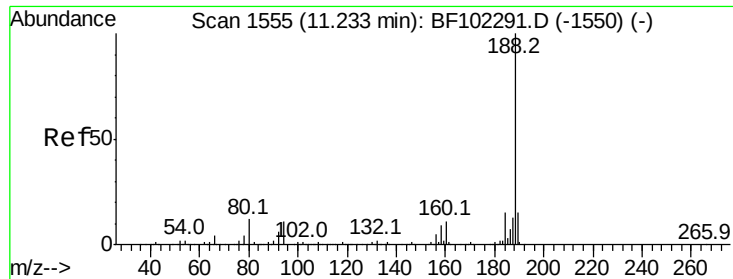
#62
 Azobenzene
 Concen: 18.670 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF102393.D
 Acq: 24 Jan 2018 16:57

Tgt Ion: 77 Resp: 371888
 Ion Ratio Lower Upper
 77 100
 182 80.4 1.7 41.7#
 105 166.2 3.0 43.0#
 51 39.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF1

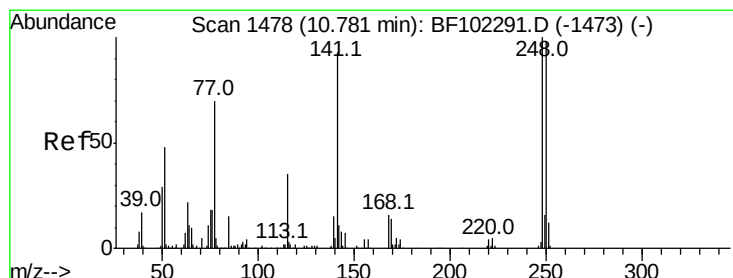
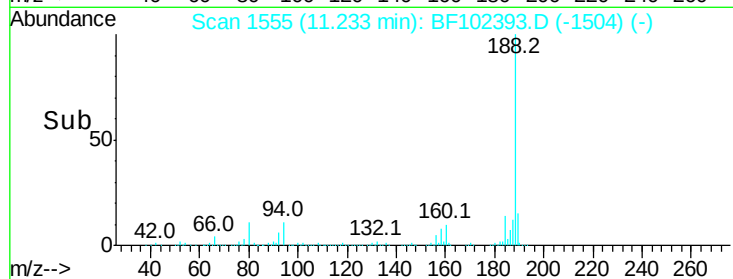
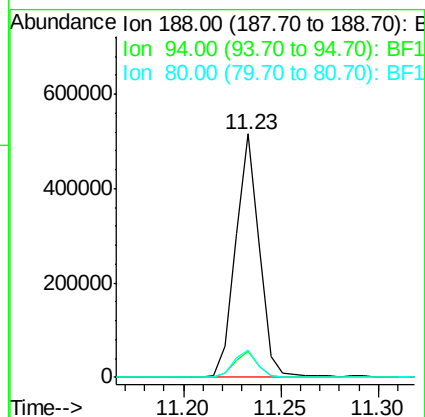
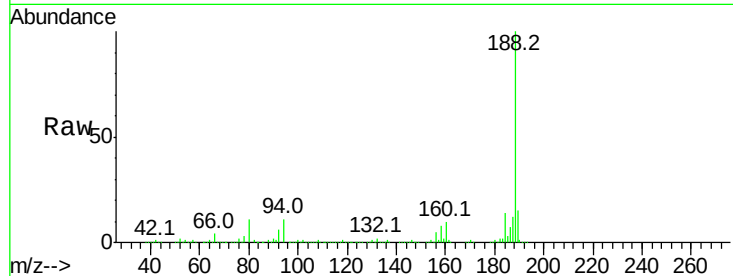




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

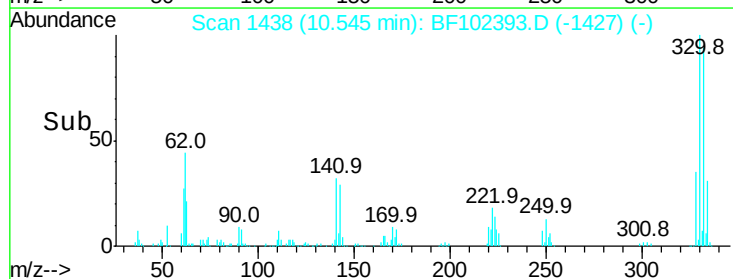
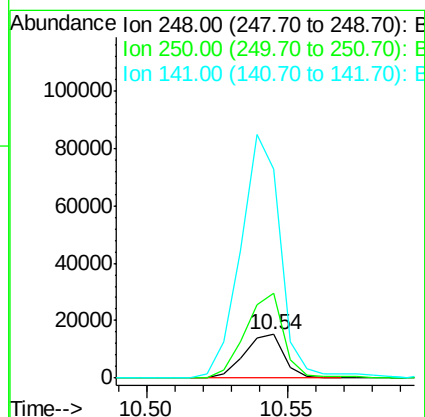
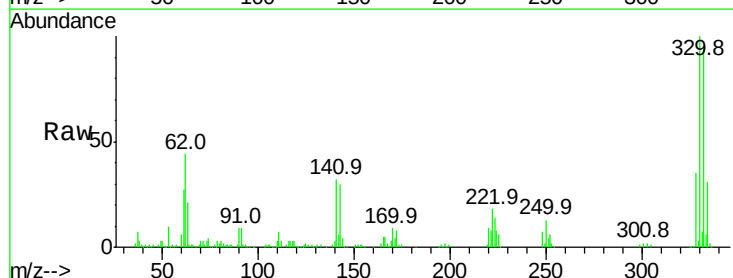
Instrument :
BNA_F
ClientSampleId :

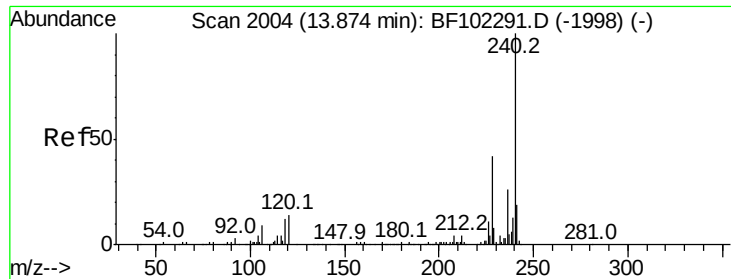
Tot Ion:188 Resp: 436546
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.121 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Tgt Ion:248 Resp: 14666
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 480.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

Instrument :

BNA_F

ClientSampleId :

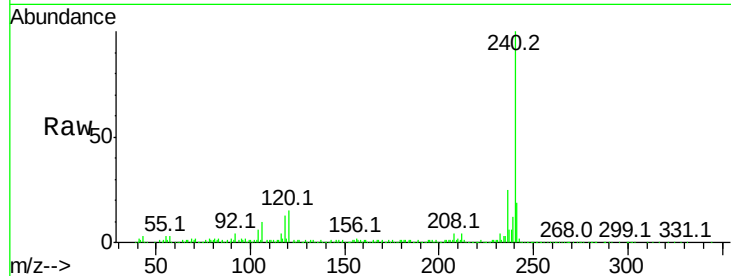
Tot Ion:240 Resp: 270613

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

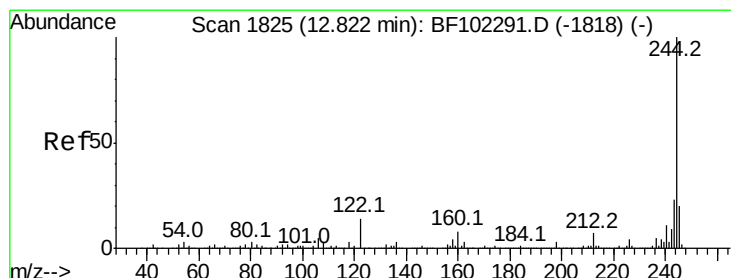
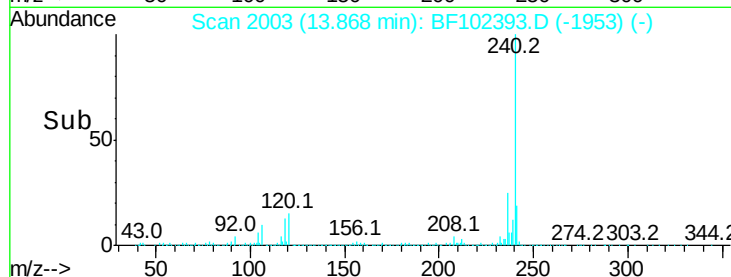
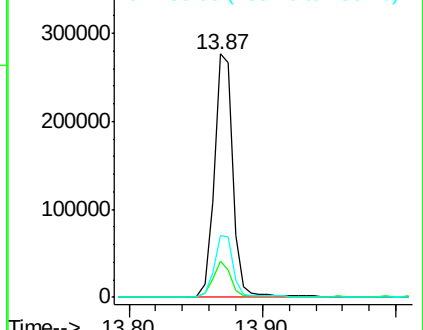
236 25.3 20.7 31.1



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: 61.896 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102393.D

Acq: 24 Jan 2018 16:57

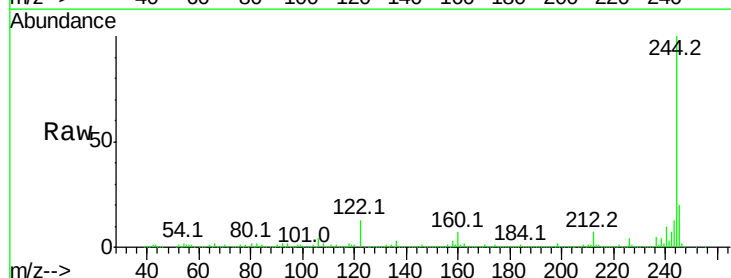
Tgt Ion:244 Resp: 742995

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

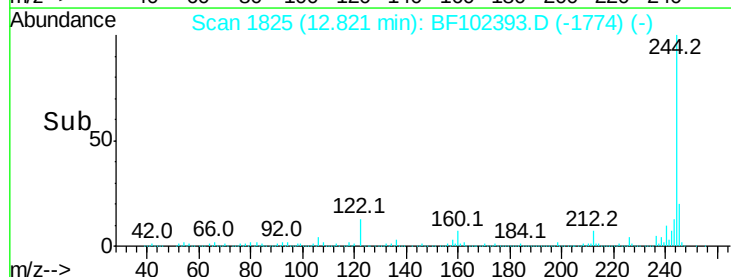
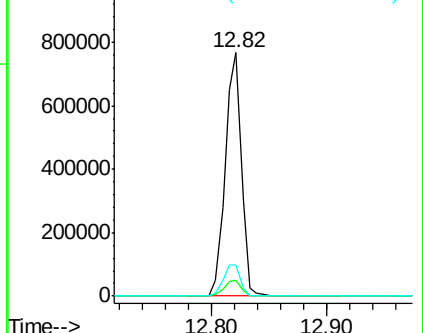
122 12.7 11.0 16.4

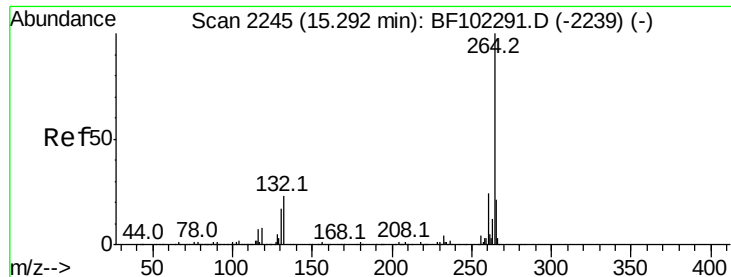


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

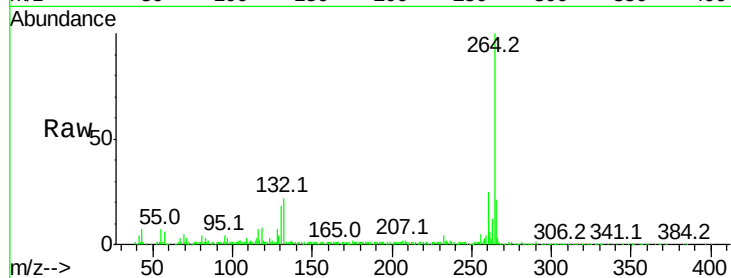




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102393.D
Acq: 24 Jan 2018 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.2	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

