

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102392.D
 Acq On : 24 Jan 2018 16:30
 Operator : SJ/JU
 Sample : J1250-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:07:58 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

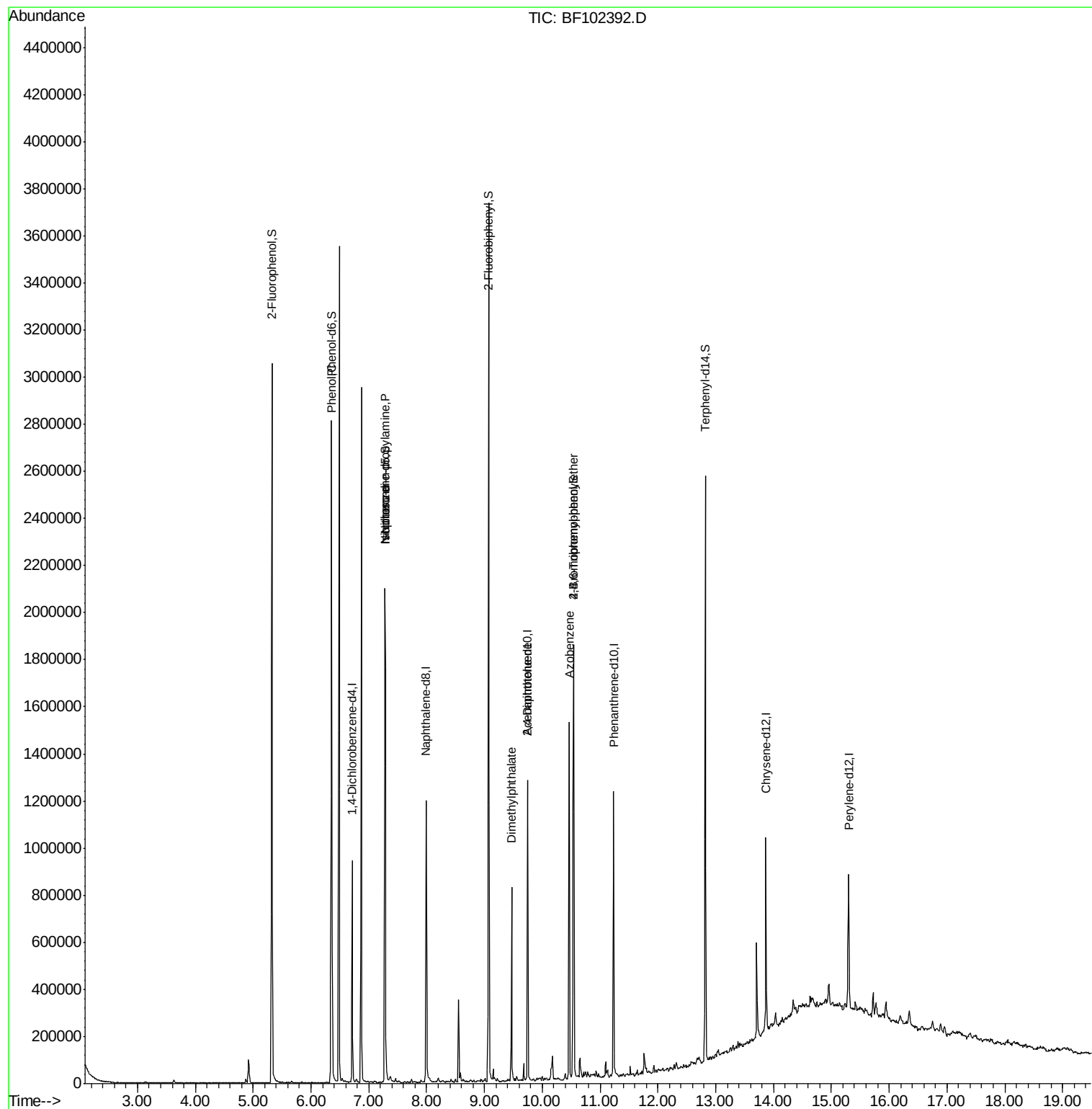
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	140713	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	594503	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259435	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	420994	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275510	20.00	ng	0.00
86) Perylene-d12	15.30	264	246862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	987889	106.45	ng	0.00
7) Phenol-d6	6.36	99	1224251	109.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	772700	74.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225554	87.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1195196	67.74	ng	0.00
78) Terphenyl-d14	12.82	244	847102	69.31	ng	0.00
Target Compounds						
10) Phenol	6.37	94	60862	4.983	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	102024	14.901	ng	# 80
25) Isophorone	7.28	82	772694	41.897	ng	# 64
49) Dimethylphthalate	9.47	163	315285	14.703	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32056	5.638	ng	# 23
62) Azobenzene	10.46	77	304565	15.964	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15476	3.415	ng	# 1

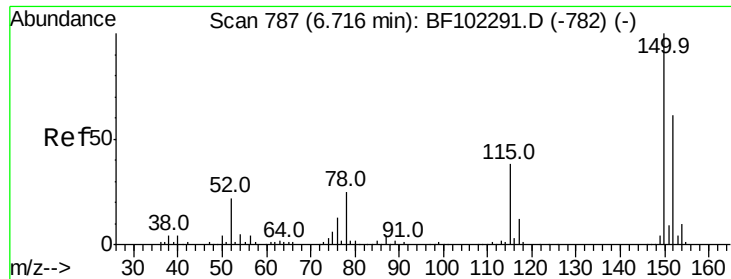
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
Data File : BF102392.D
Acq On : 24 Jan 2018 16:30
Operator : SJ/JU
Sample : J1250-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 25 00:07:58 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



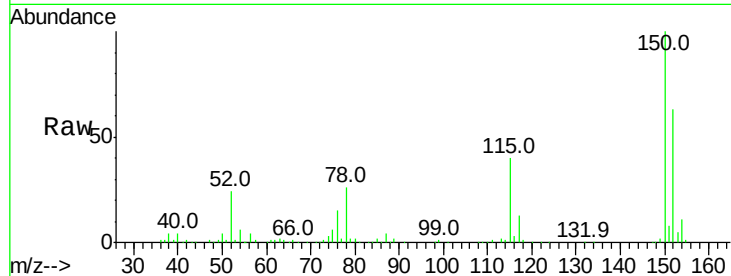


#1

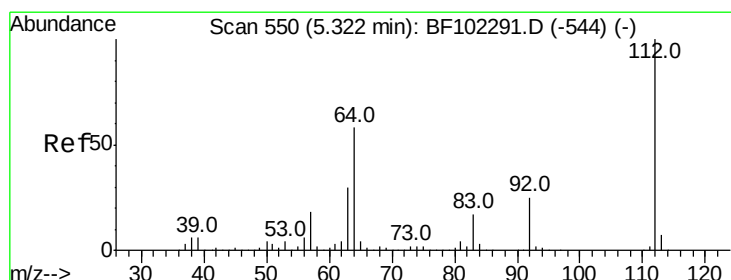
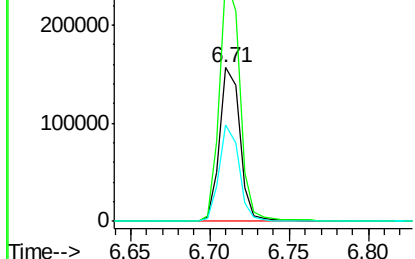
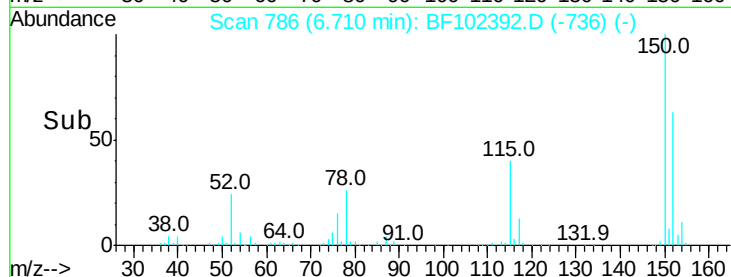
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140713
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 63.0 50.1 75.1



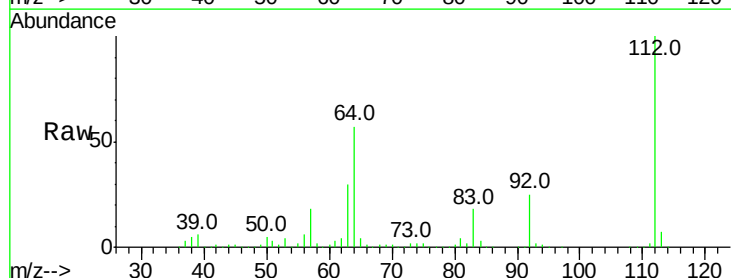
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



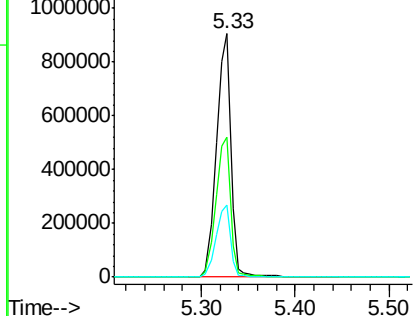
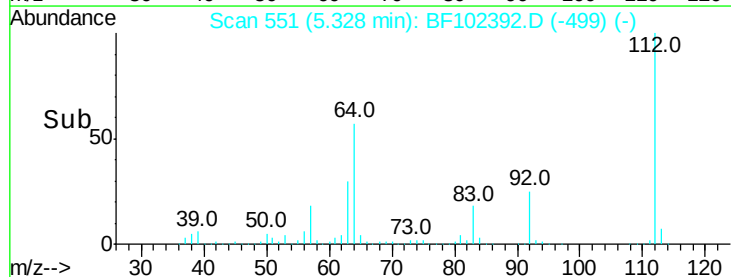
#5

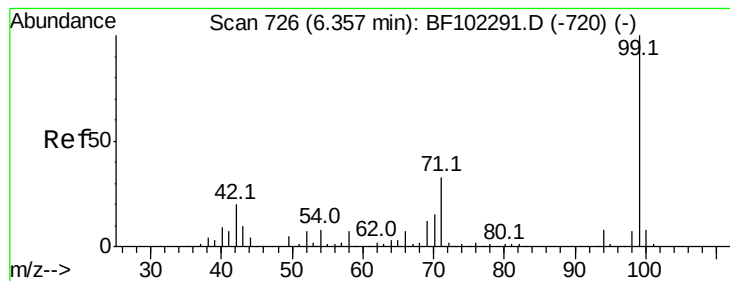
2-Fluorophenol
Concen: 106.450 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Tgt Ion:112 Resp: 987889
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.7 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: 109.423 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

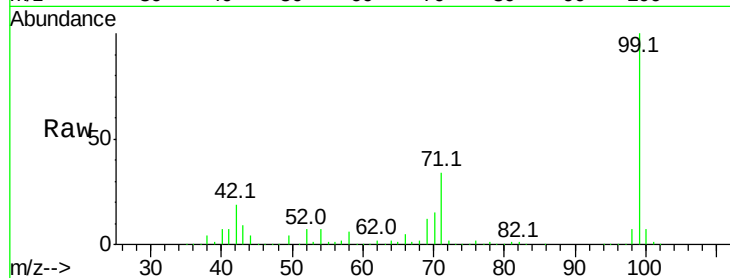
Tot Ion: 99 Resp: 1224251

Ion Ratio Lower Upper

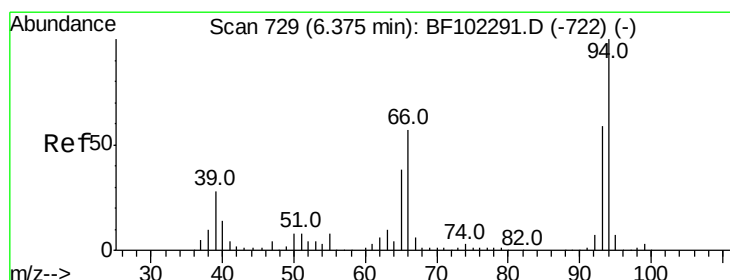
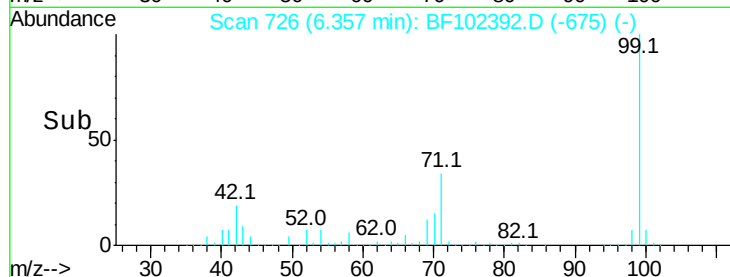
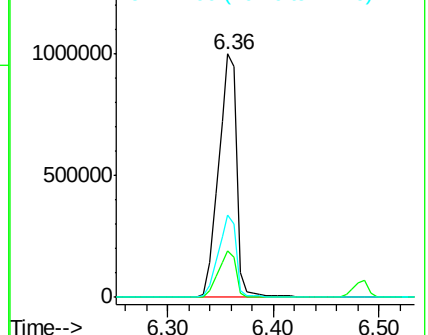
99 100

42 19.3 14.5 21.7

71 33.9 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: 4.983 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

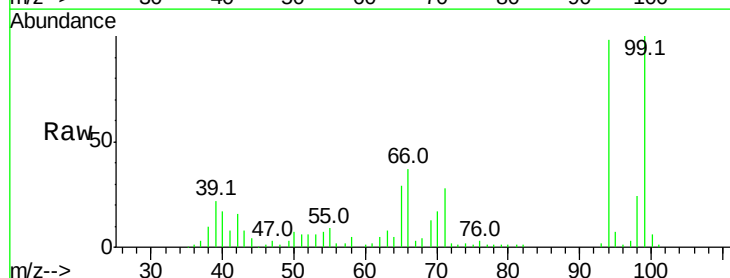
Tgt Ion: 94 Resp: 60862

Ion Ratio Lower Upper

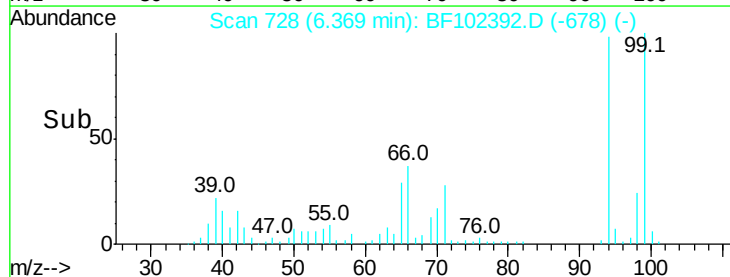
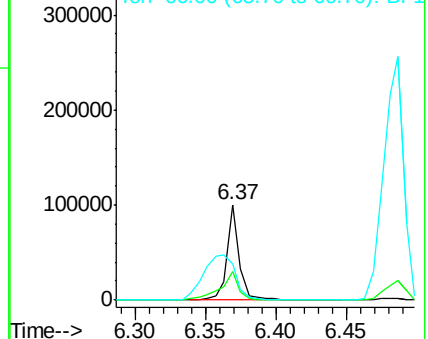
94 100

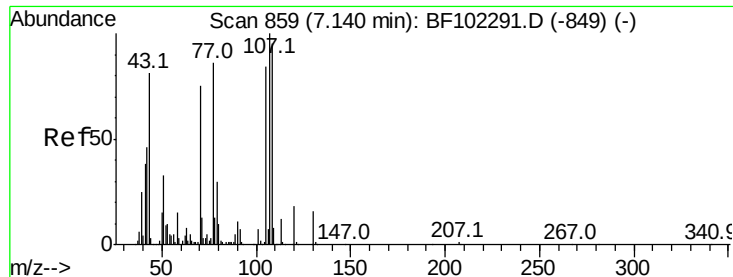
65 29.5 7.9 47.9

66 38.2 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

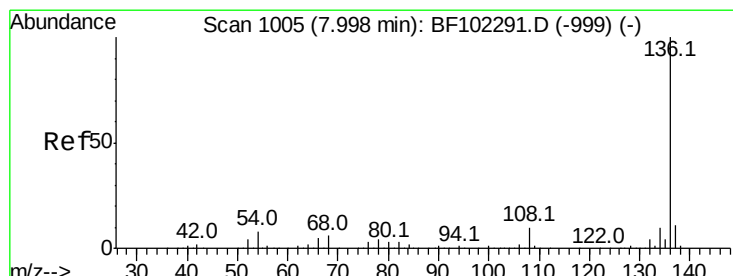
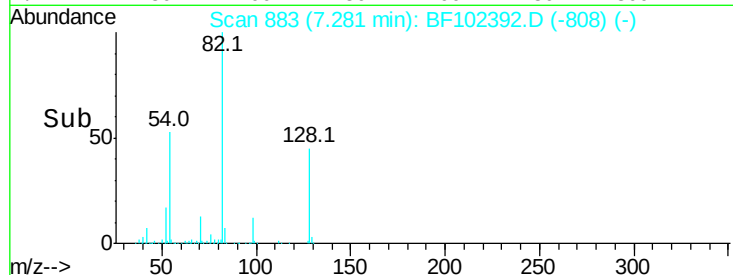
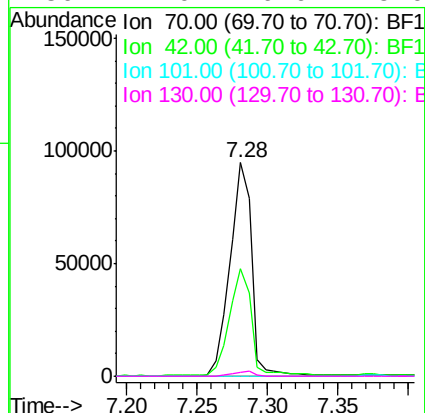
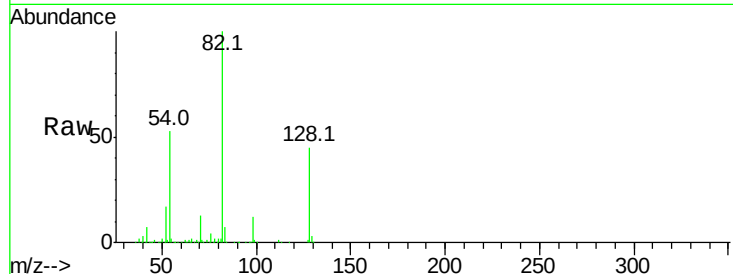




#19
n-Nitroso-di-n-propylamine
Concen: 14.901 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

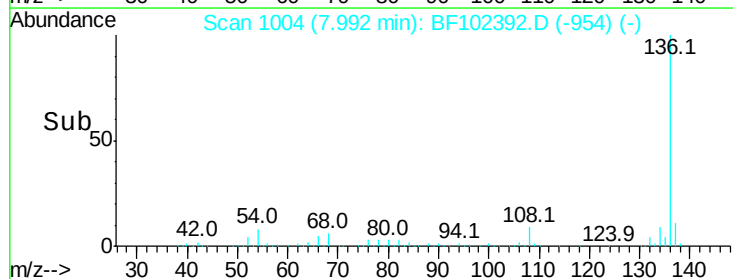
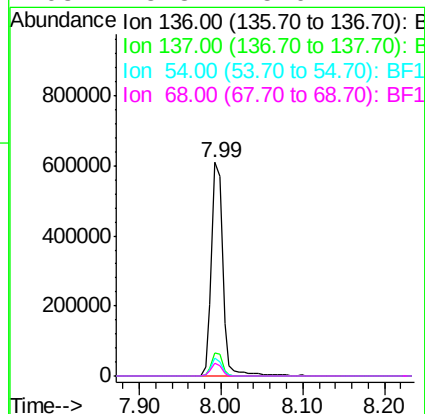
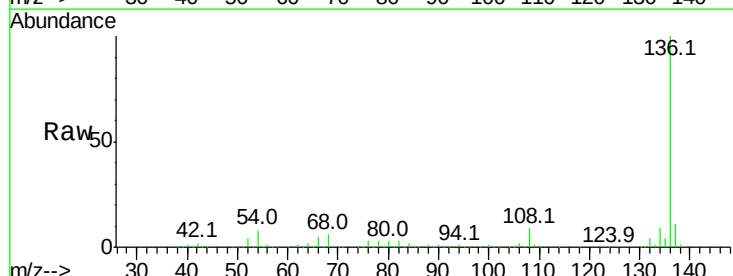
Instrument :
BNA_F
ClientSampled :

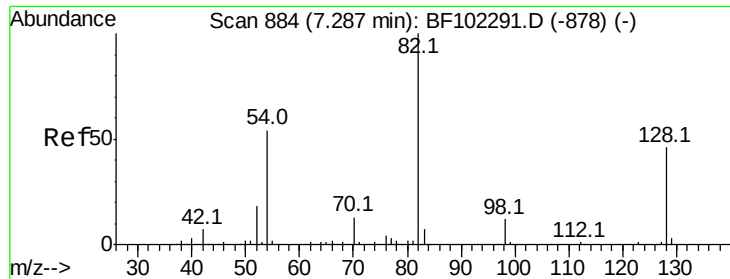
Tot Ion: 70 Resp: 102024
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Tgt Ion: 136 Resp: 594503
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.6 9.8
68 5.8 5.0 7.4

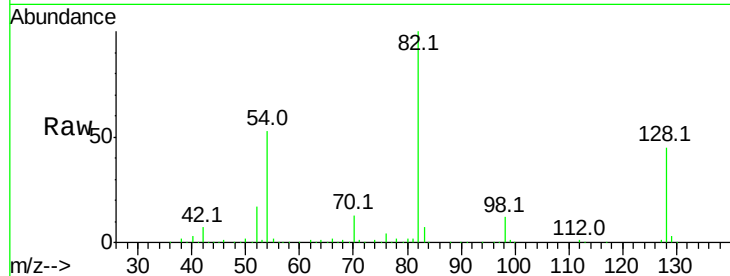




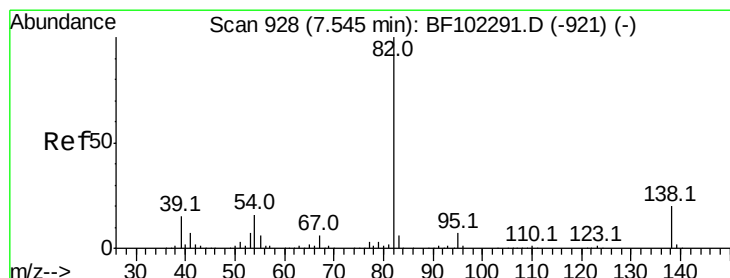
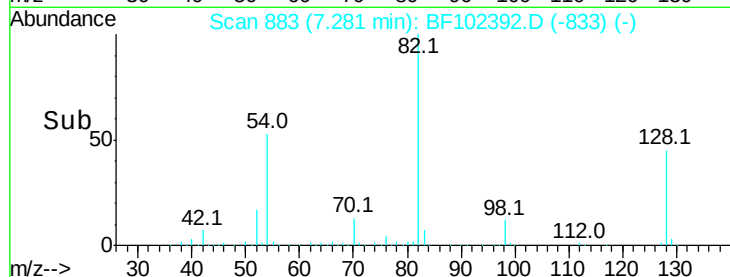
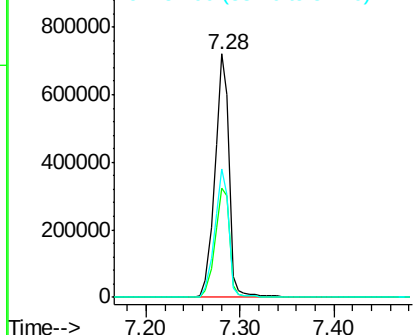
#23
 Nitrobenzene-d5
 Concen: 74.692 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 772700
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 53.0 41.4 62.2

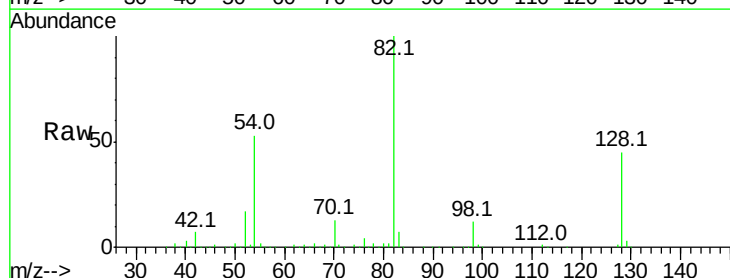


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

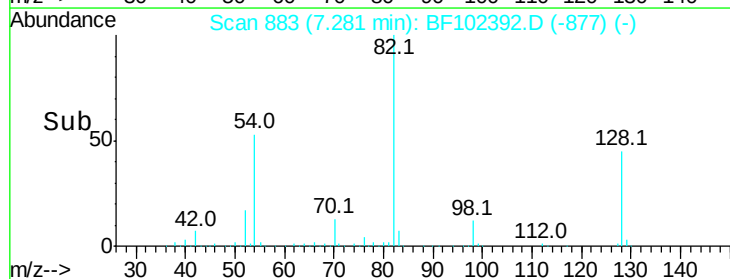
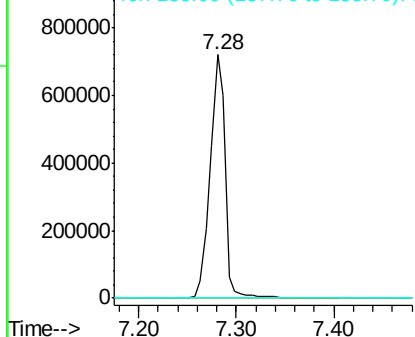


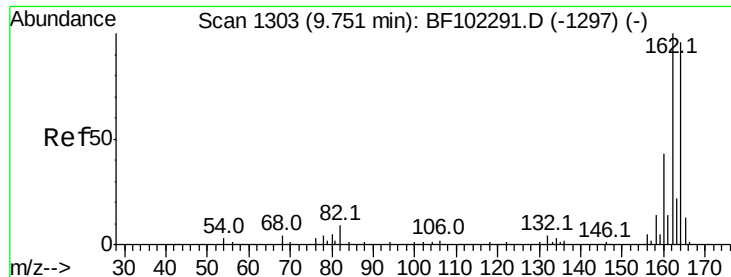
#25
 Isophorone
 Concen: 41.897 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Tgt Ion: 82 Resp: 772694
 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

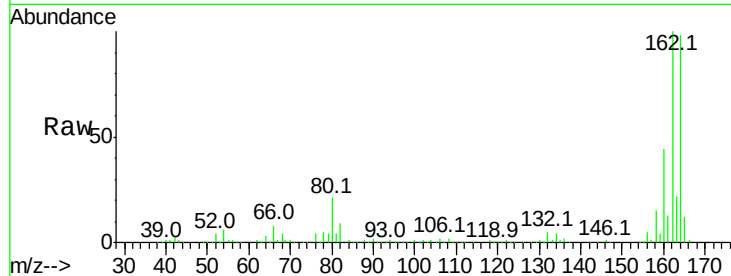




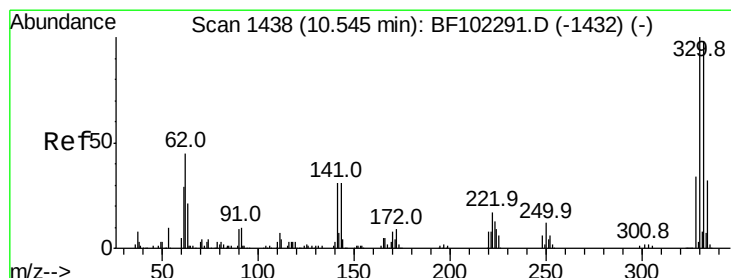
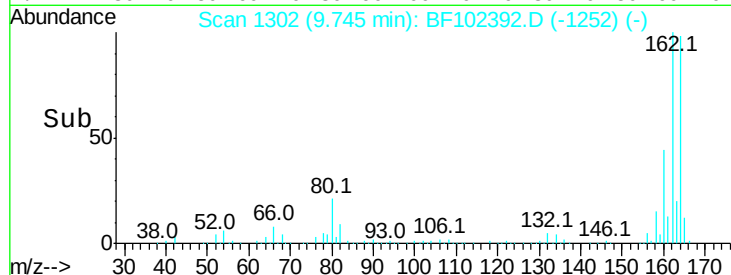
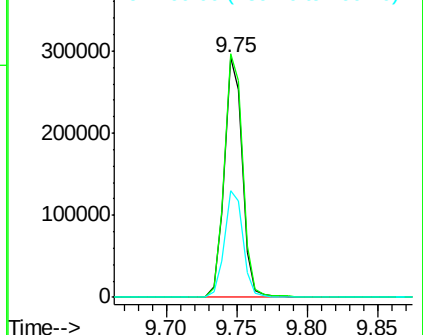
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	44.4	38.3	57.5

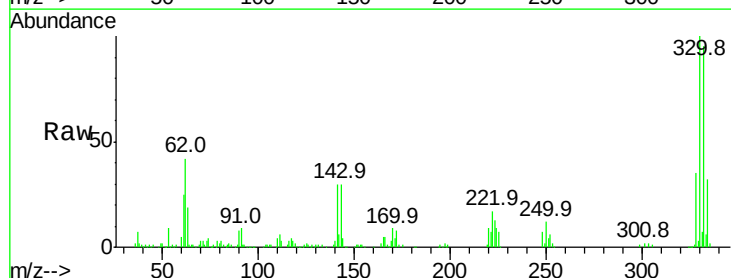


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

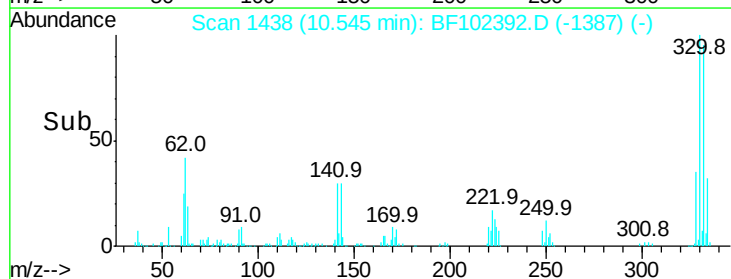
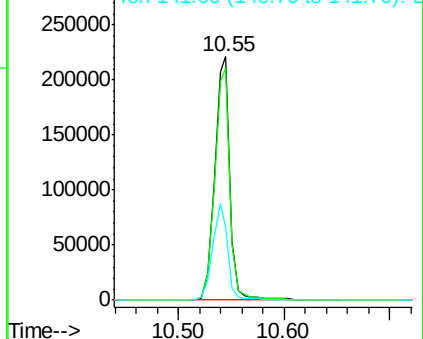


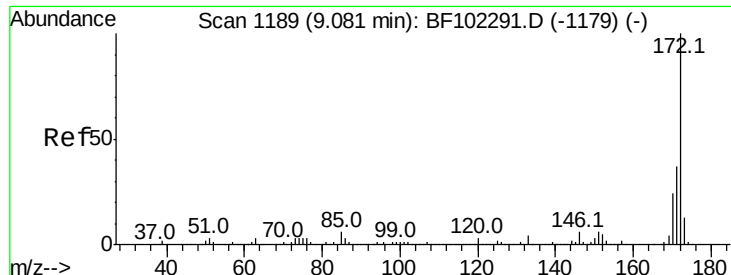
#41
 2,4,6-Tribromophenol
 Concen: 87.743 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	39.6	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

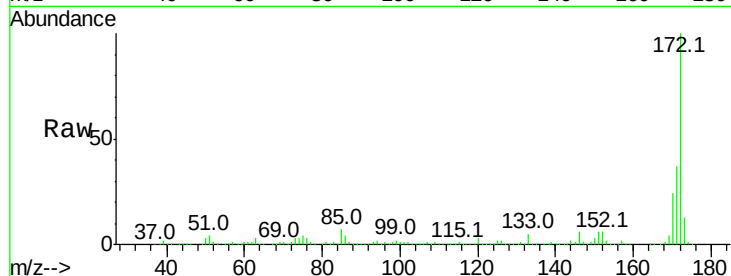




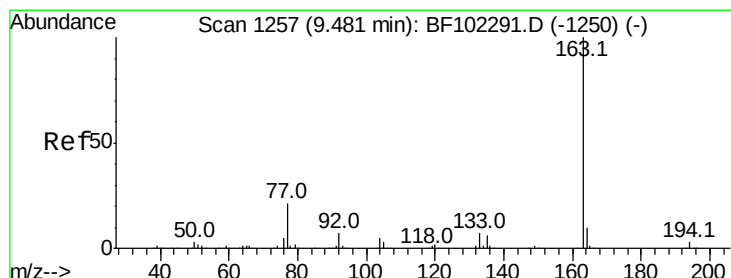
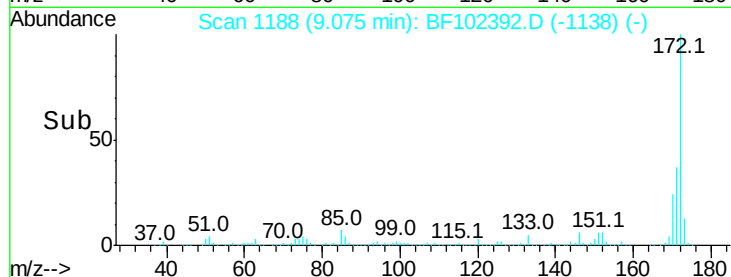
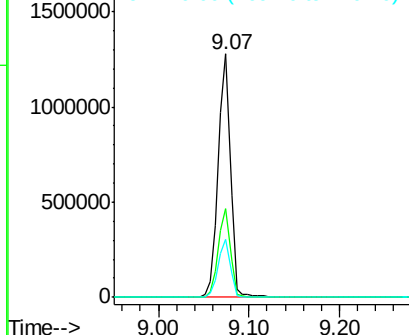
#44
2-Fluorobiphenyl
Concen: 67.738 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1195196
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.7 19.6 29.4

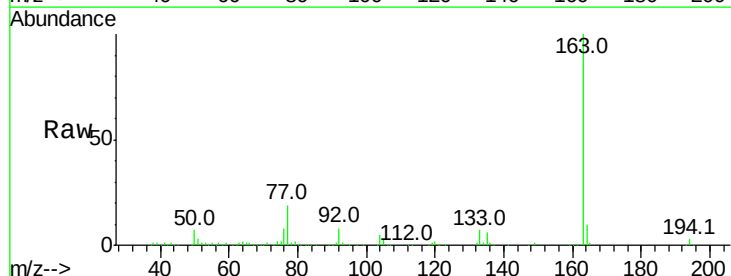


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

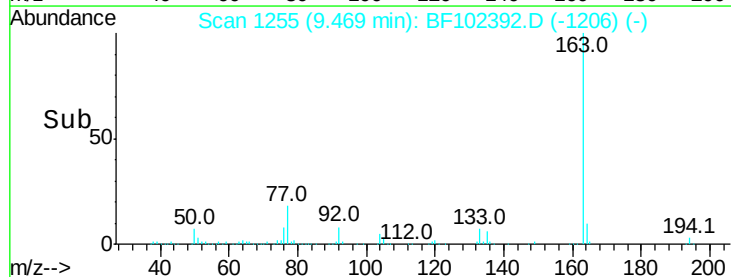
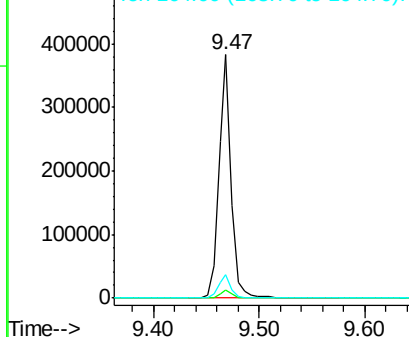


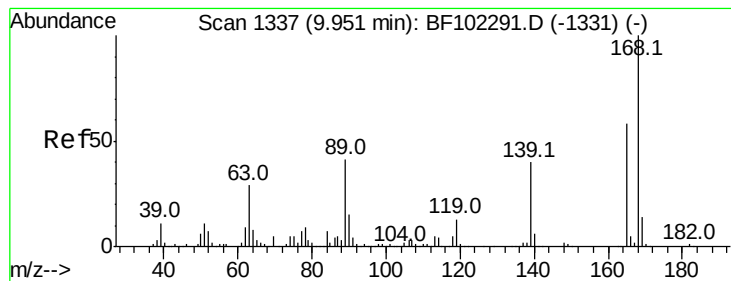
#49
Dimethylphthalate
Concen: 14.703 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Tgt Ion:163 Resp: 315285
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 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: 5.638 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32056

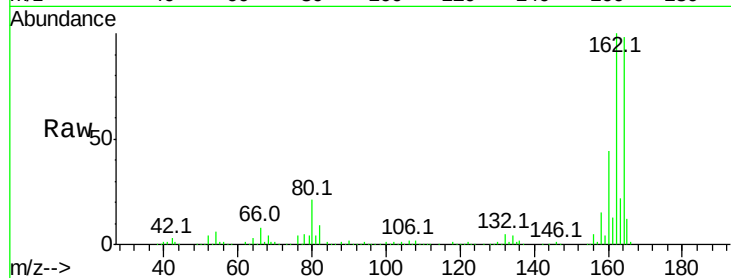
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

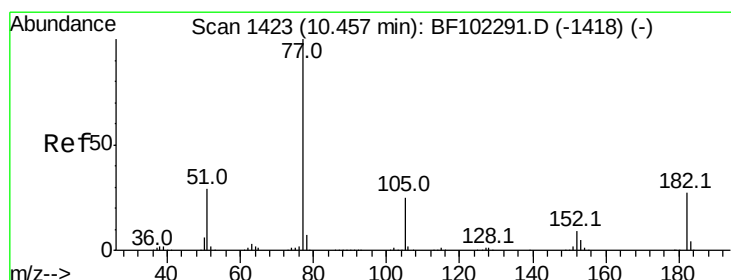
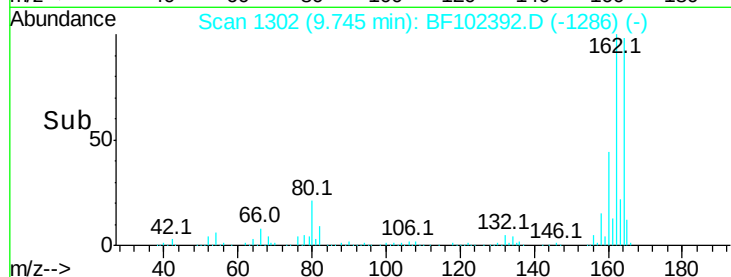
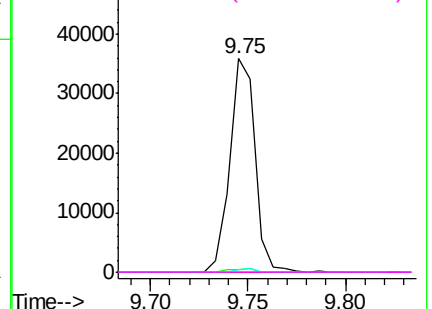


Abundance Ion 165.00 (164.70 to 165.70): E

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: 15.964 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Tgt Ion: 77 Resp: 304565

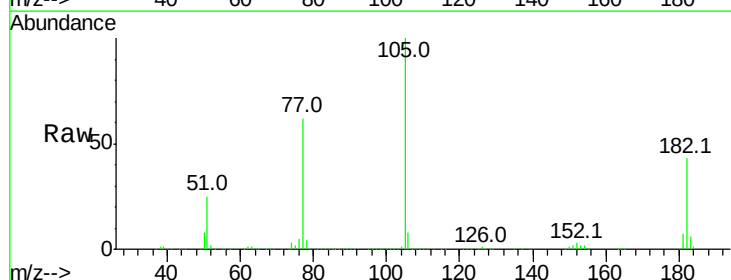
Ion Ratio Lower Upper

77 100

182 69.1 1.7 41.7#

105 161.3 3.0 43.0#

51 40.5 9.9 49.9

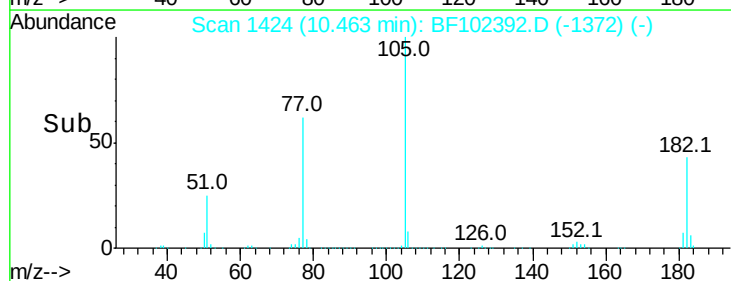
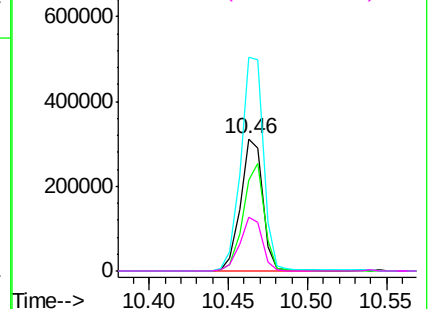


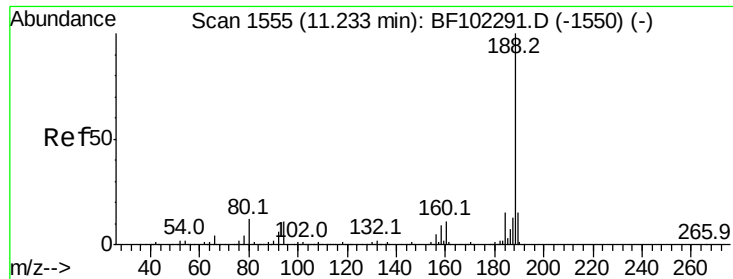
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

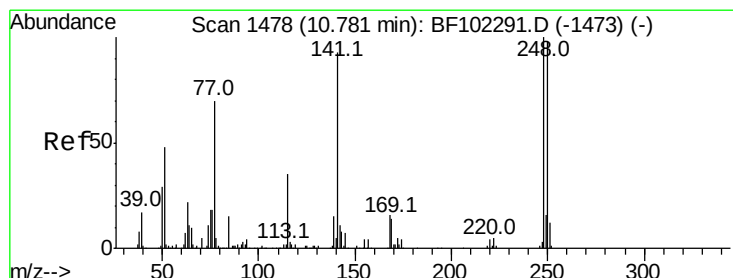
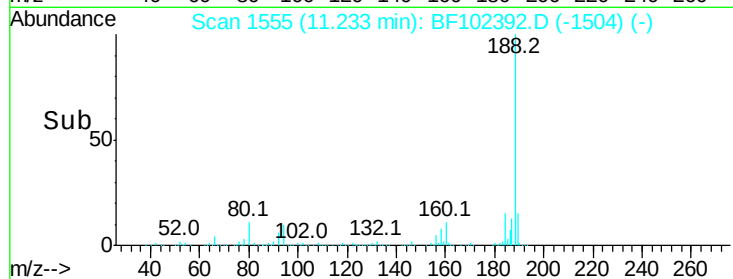
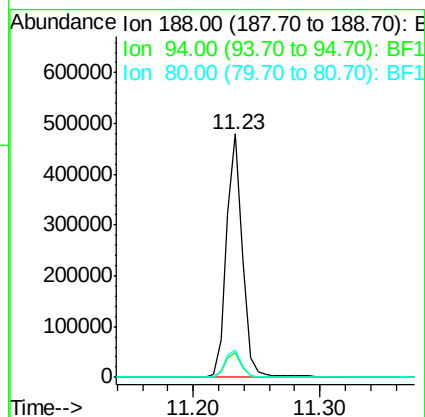
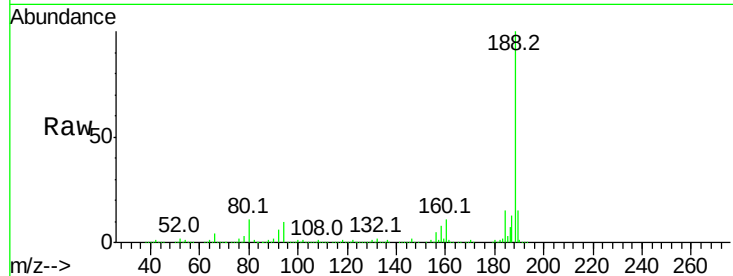




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

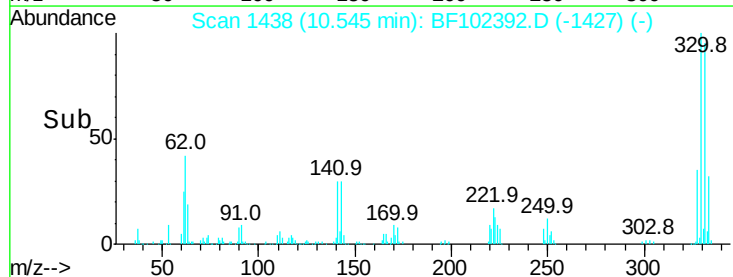
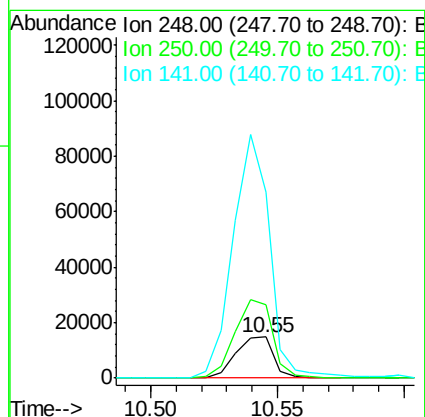
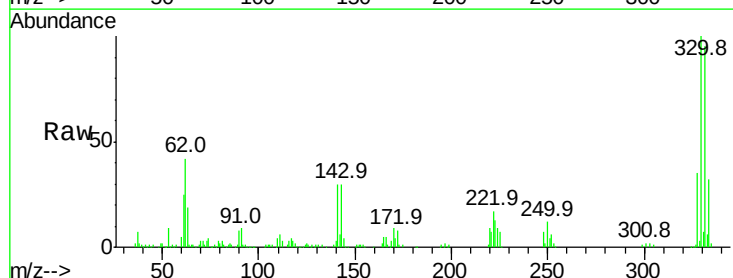
Instrument :
BNA_F
ClientSampleId :

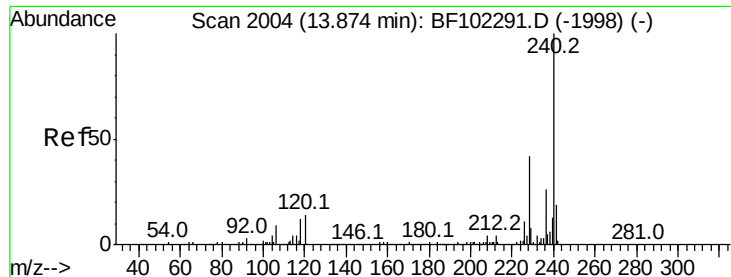
Tot Ion:188 Resp: 420994
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Tgt Ion:248 Resp: 15476
Ion Ratio Lower Upper
248 100
250 179.5 76.9 115.3#
141 453.3 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: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

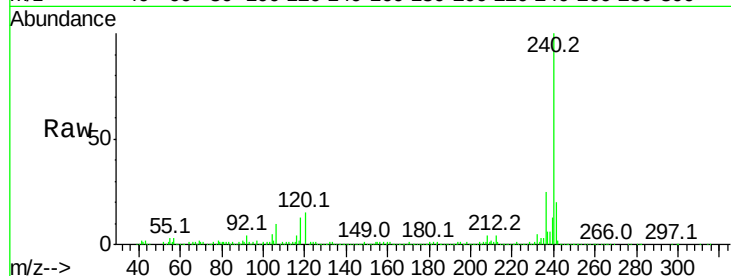
Tot Ion:240 Resp: 275510

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

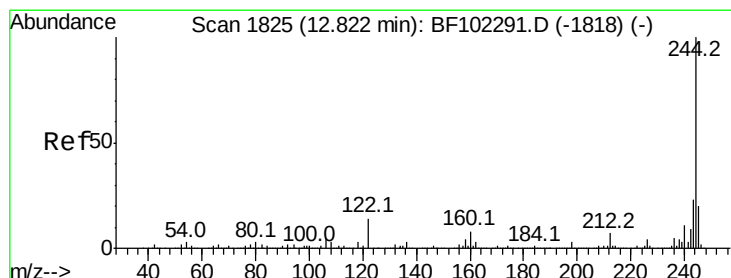
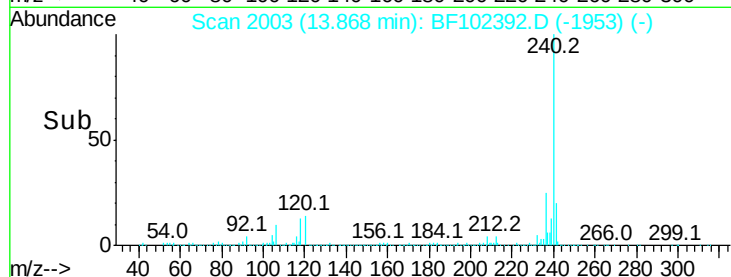
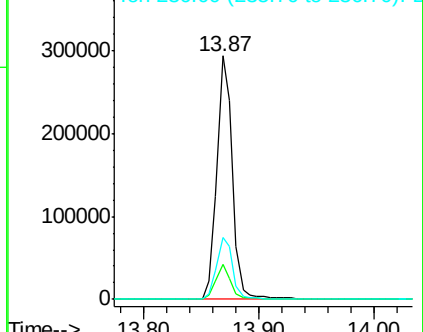
236 25.4 20.7 31.1



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: 69.314 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

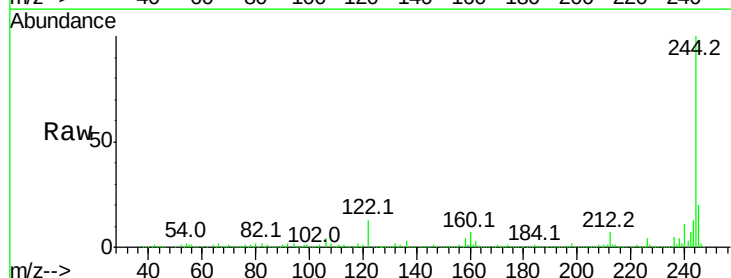
Tgt Ion:244 Resp: 847102

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

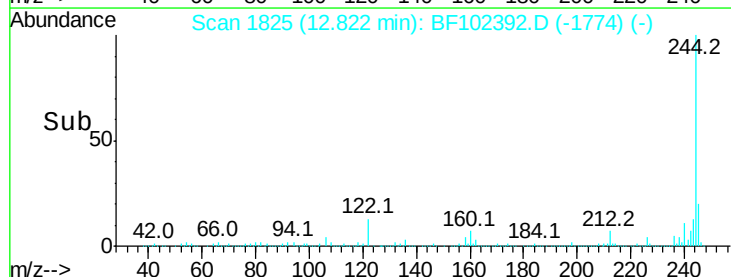
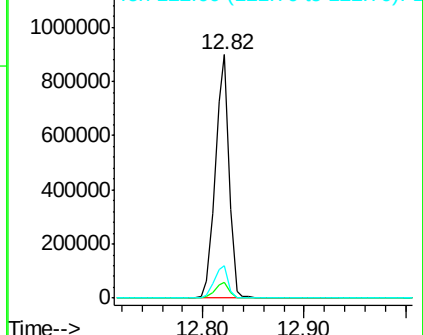
122 13.1 11.0 16.4

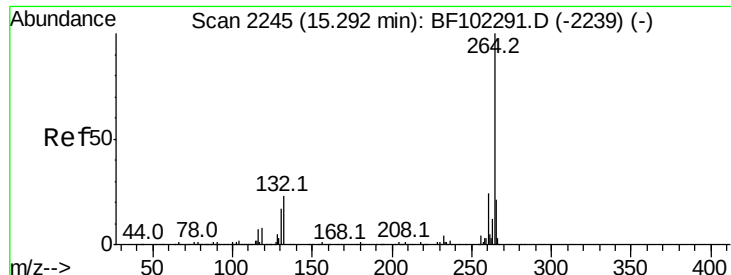


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

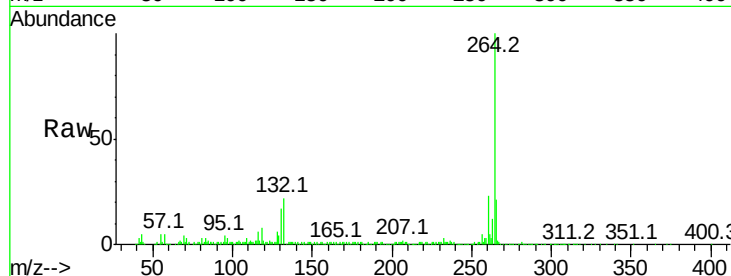




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.9	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

