

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102391.D
 Acq On : 24 Jan 2018 16:03
 Operator : SJ/JU
 Sample : J1250-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:07:33 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

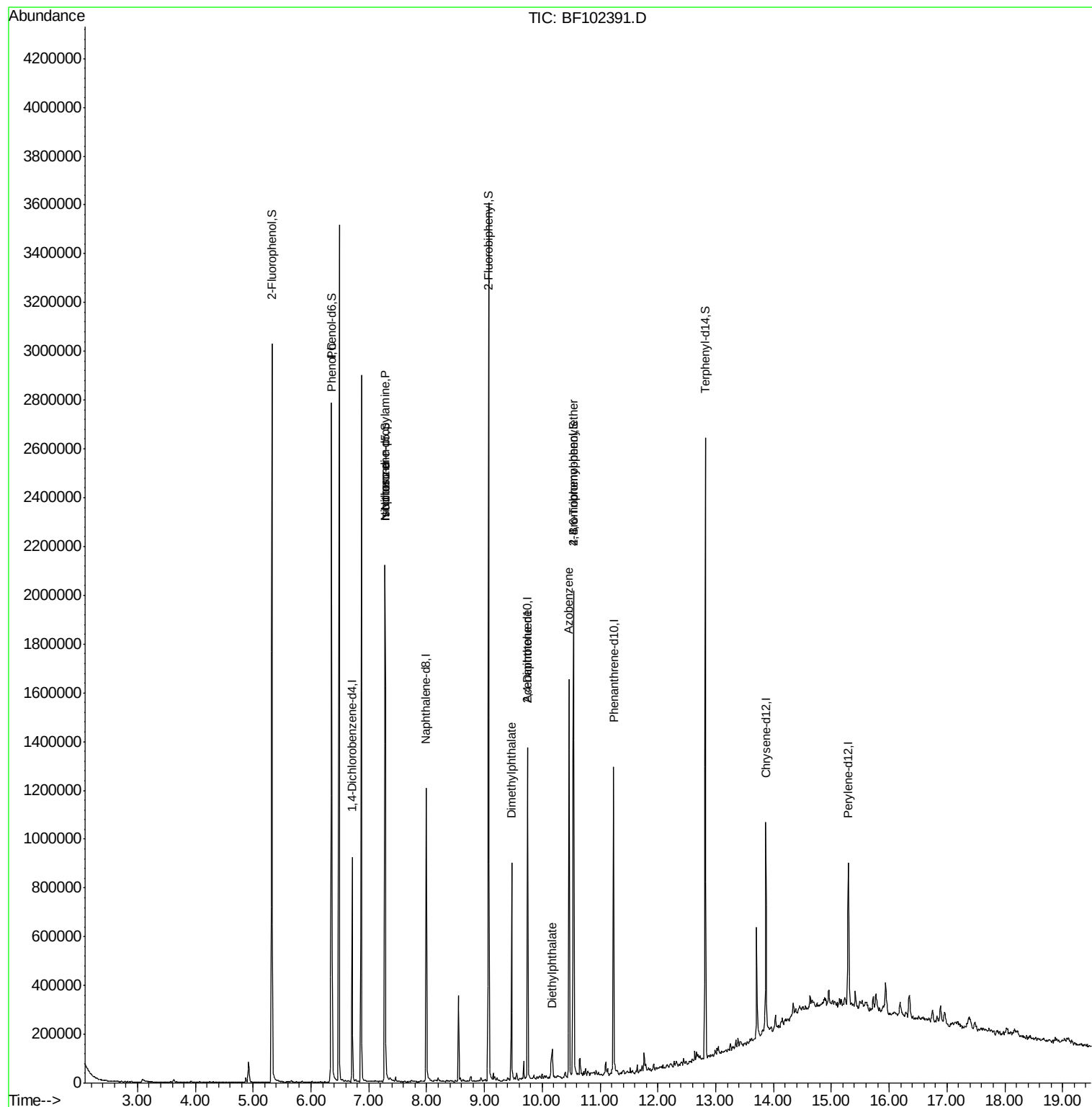
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	139469	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	583863	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264458	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	445928	20.00	ng	0.00
75) Chrysene-d12	13.87	240	287638	20.00	ng	0.00
86) Perylene-d12	15.29	264	261286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	980482	106.59	ng	0.00
7) Phenol-d6	6.36	99	1204308	108.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	762242	75.02	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	231676	88.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1196075	66.50	ng	0.00
78) Terphenyl-d14	12.82	244	911573	71.44	ng	0.00
Target Compounds						
10) Phenol	6.37	94	58305	4.816	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	100557	14.818	ng	# 80
25) Isophorone	7.28	82	762232	42.083	ng	# 64
49) Dimethylphthalate	9.47	163	337982	15.462	ng	99
56) 2,4-Dinitrotoluene	9.75	165	34928	6.027	ng	# 23
59) Diethylphthalate	10.16	149	56235	2.647	ng	98
62) Azobenzene	10.46	77	300520	15.452	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16232	3.381	ng	# 1

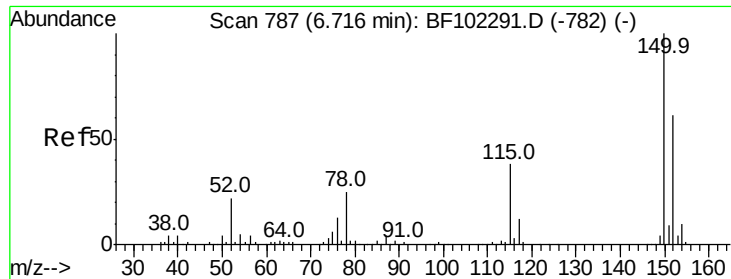
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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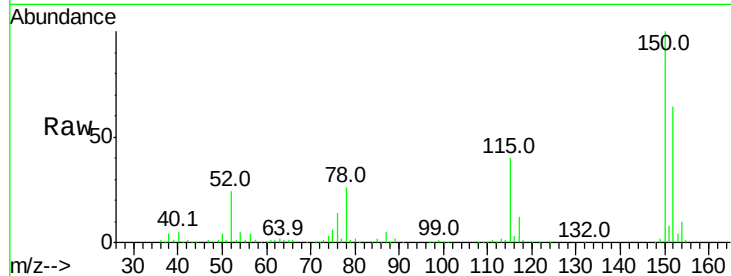


#1

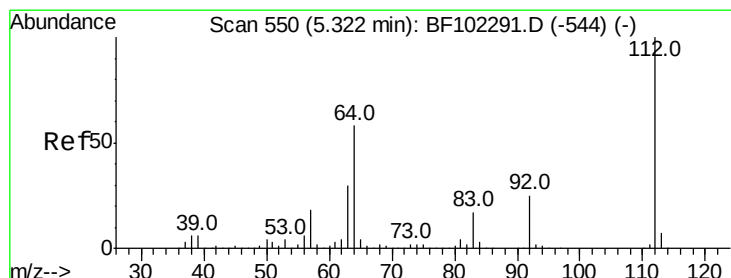
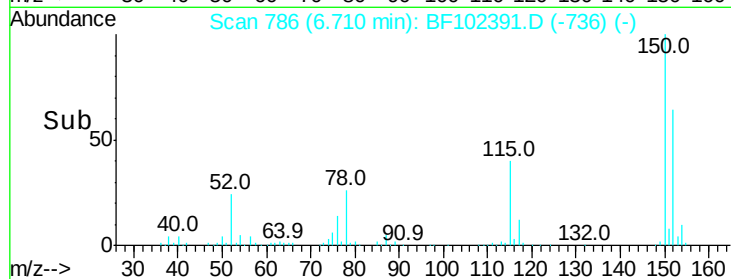
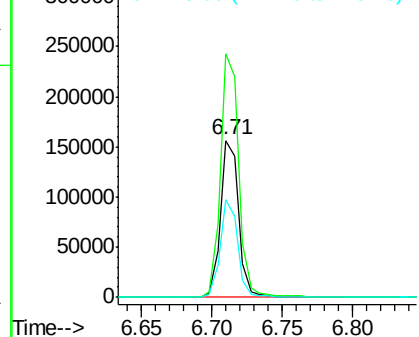
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 139469
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 62.1 50.1 75.1



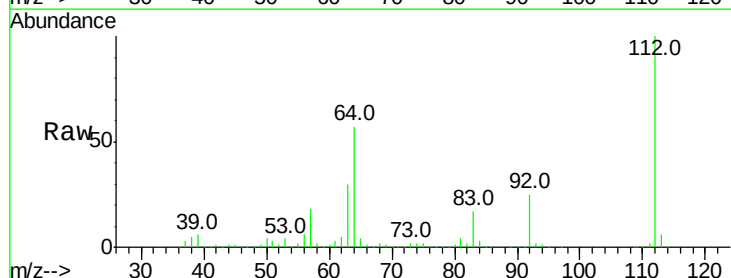
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



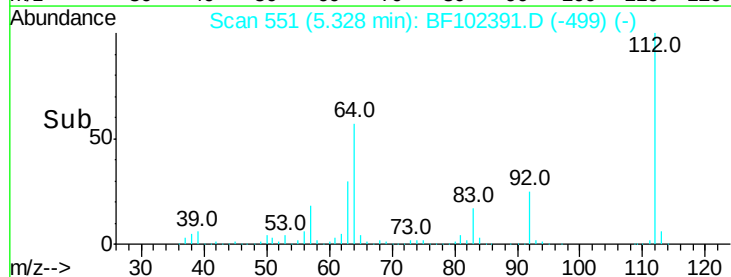
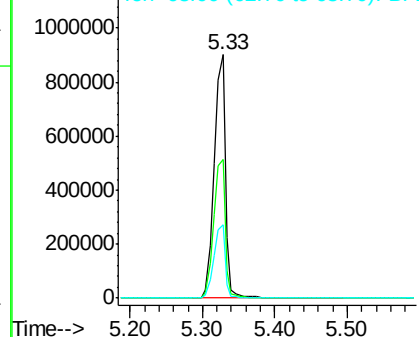
#5

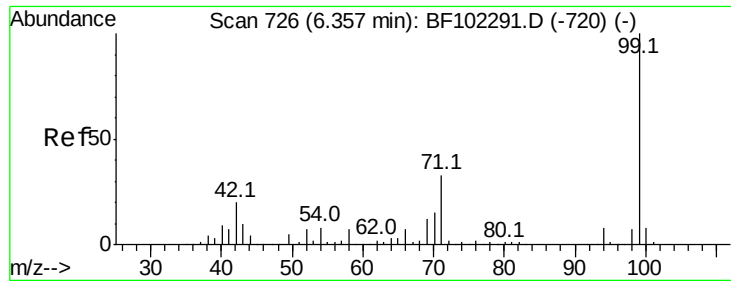
2-Fluorophenol
 Concen: 106.595 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Tgt Ion:112 Resp: 980482
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 30.0 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: 108.601 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA_F

ClientSampled :

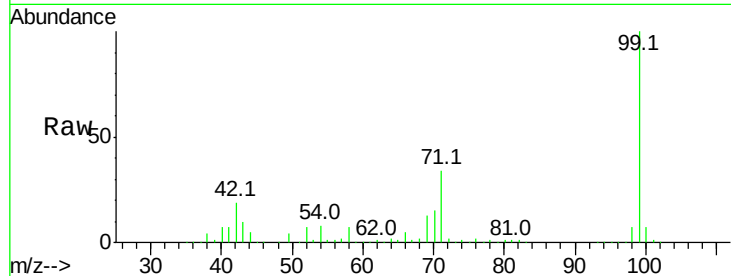
Tot Ion: 99 Resp: 1204308

Ion Ratio Lower Upper

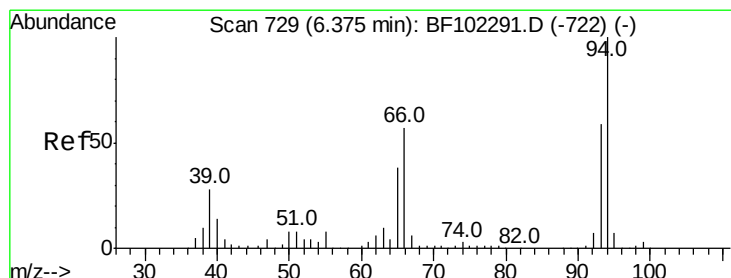
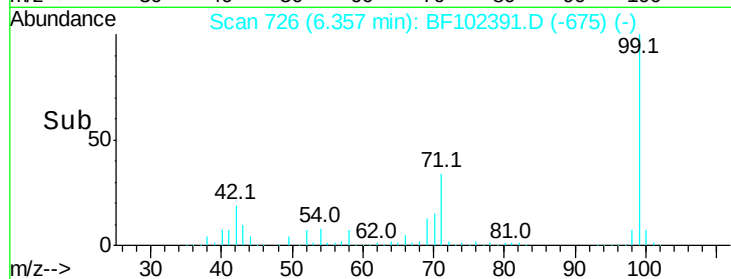
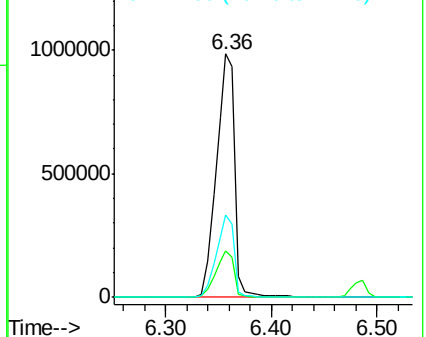
99 100

42 19.2 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: 4.816 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

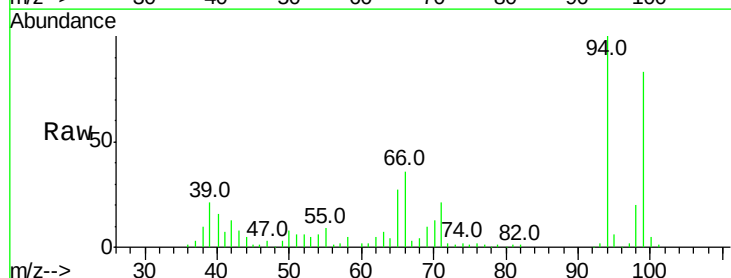
Tgt Ion: 94 Resp: 58305

Ion Ratio Lower Upper

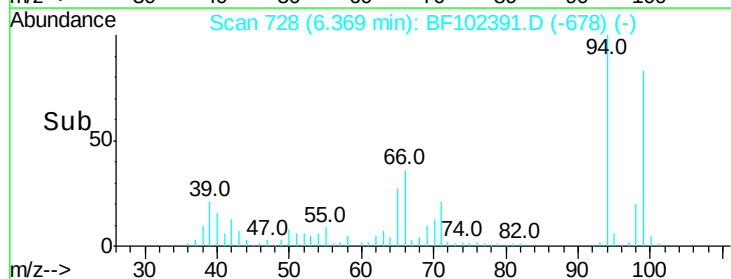
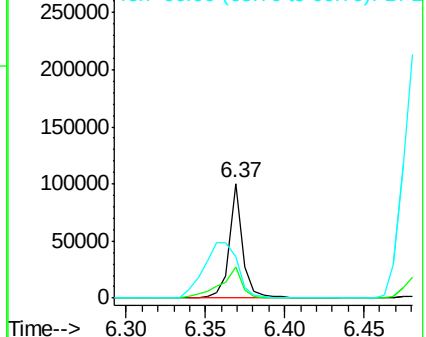
94 100

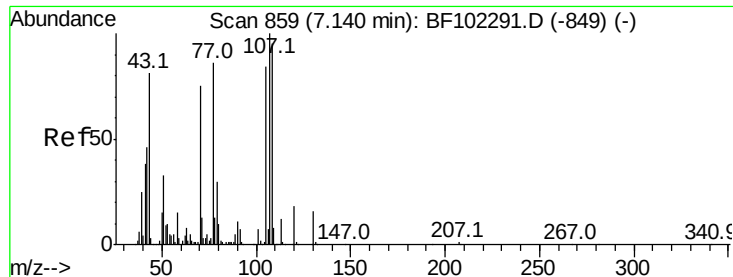
65 27.2 7.9 47.9

66 36.1 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: 14.818 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 100557

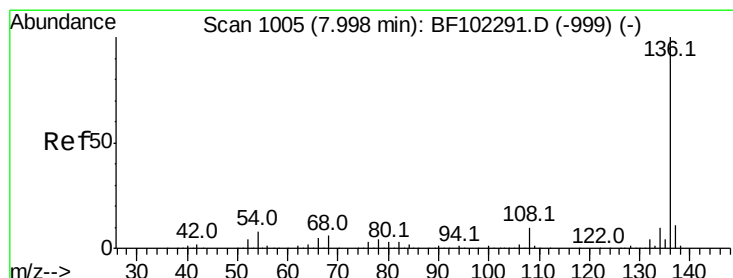
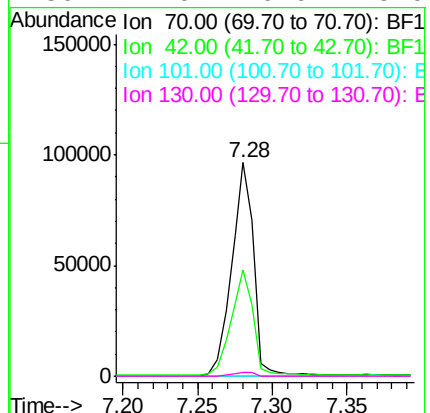
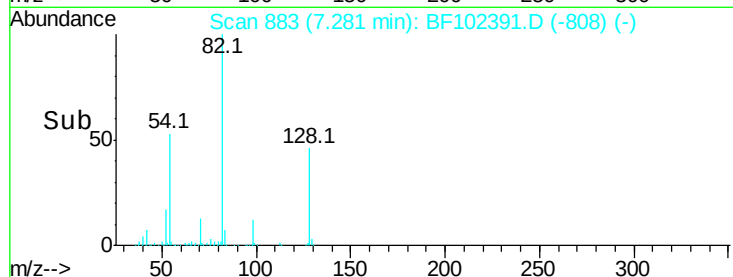
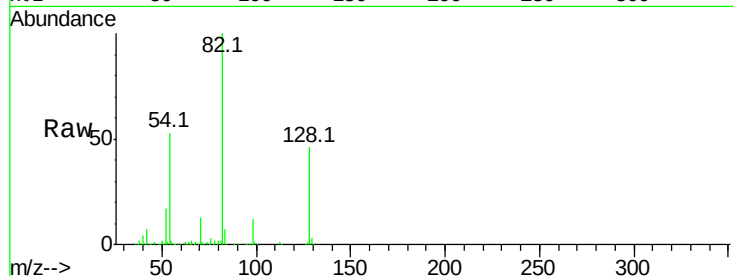
Ion Ratio Lower Upper

70 100

42 50.0 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: BF102391.D

Acq: 24 Jan 2018 16:03

Tgt Ion:136 Resp: 583863

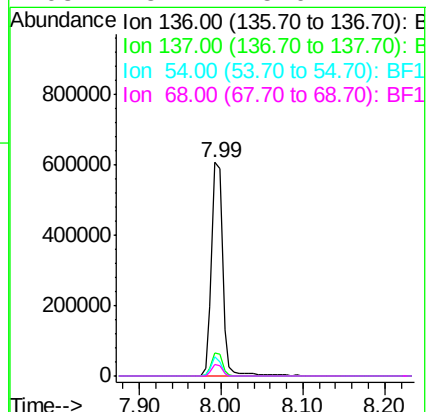
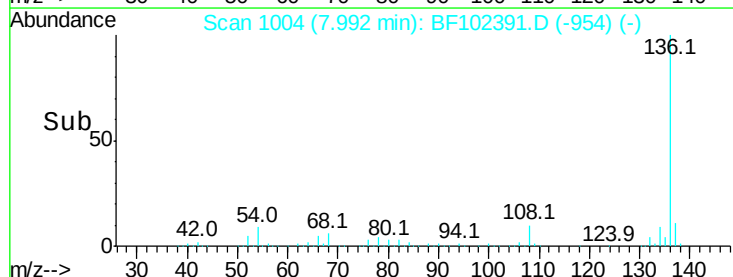
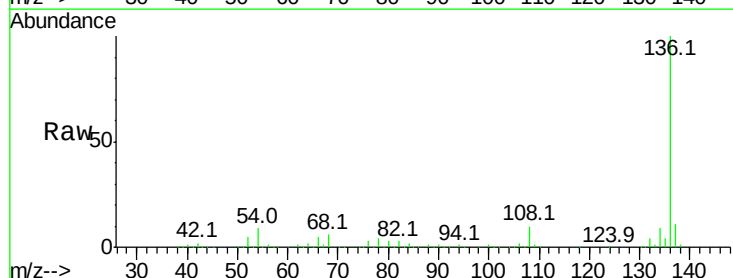
Ion Ratio Lower Upper

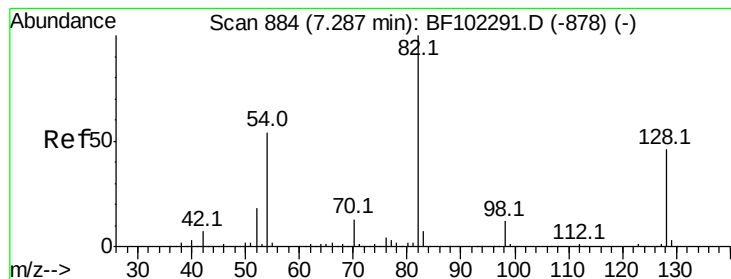
136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 75.024 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

Instrument :

BNA_F

ClientSampled :

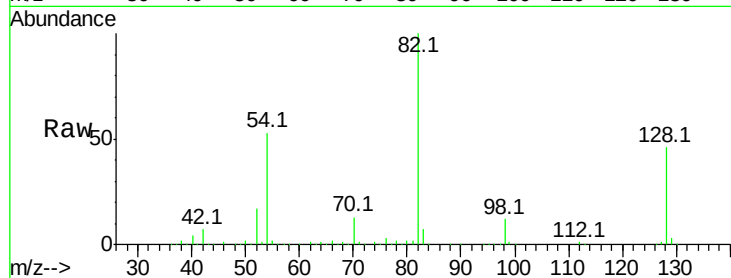
Tot Ion: 82 Resp: 762242

Ion Ratio Lower Upper

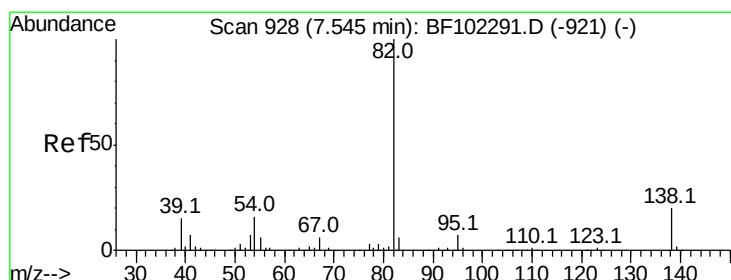
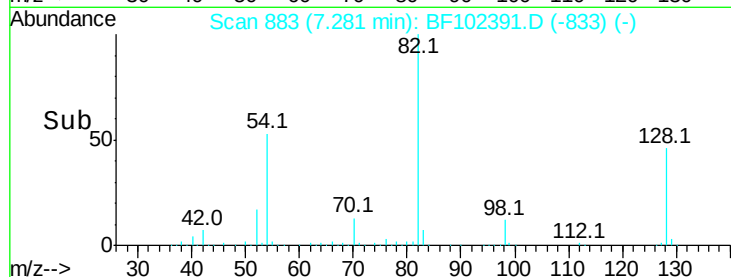
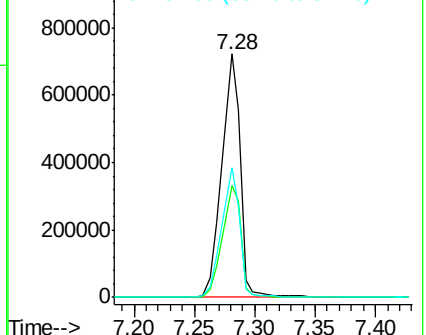
82 100

128 46.0 36.1 54.1

54 53.4 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: 42.083 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102391.D

Acq: 24 Jan 2018 16:03

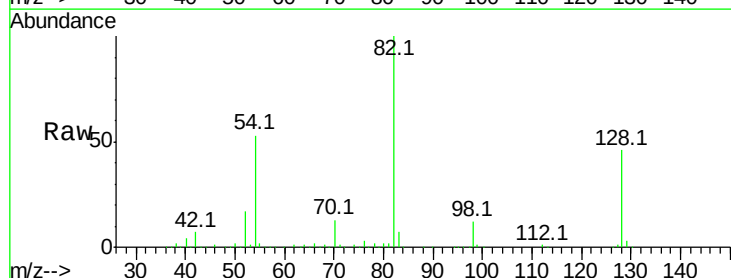
Tgt Ion: 82 Resp: 762232

Ion Ratio Lower Upper

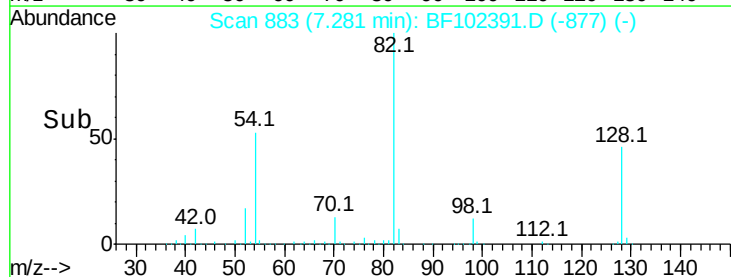
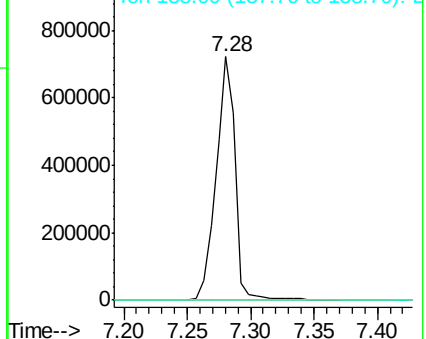
82 100

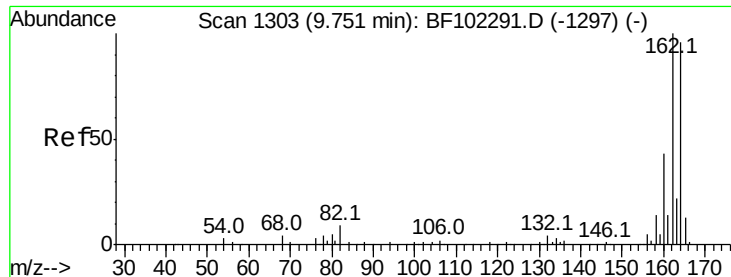
95 0.0 5.2 7.8#

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

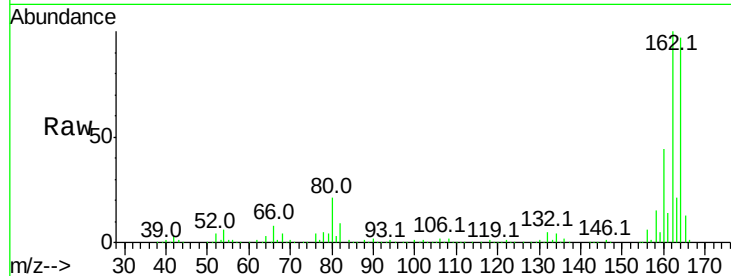




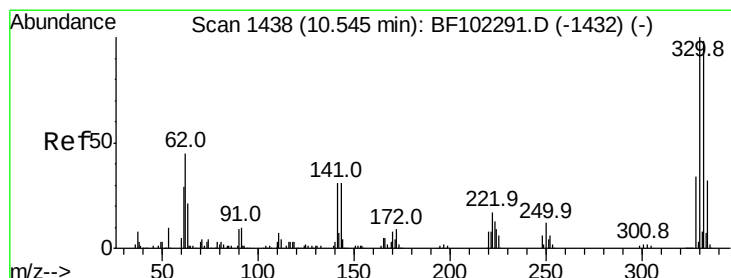
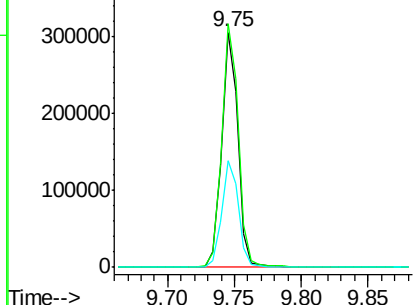
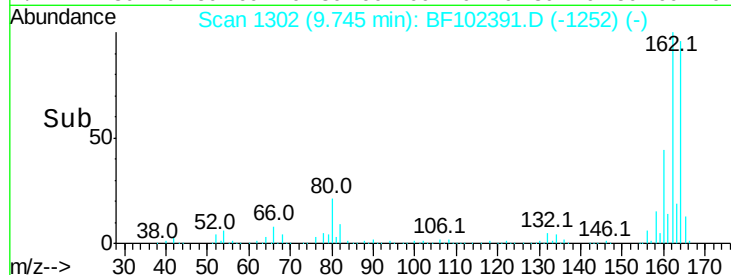
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 264458
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 45.4 38.3 57.5

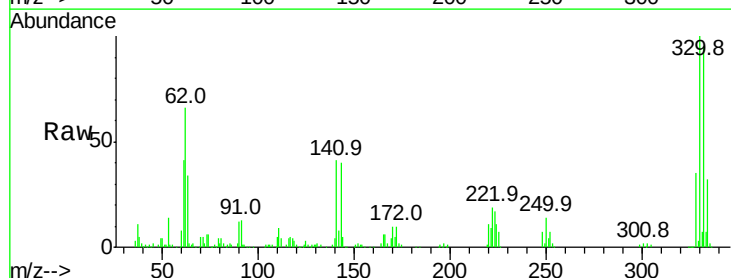


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

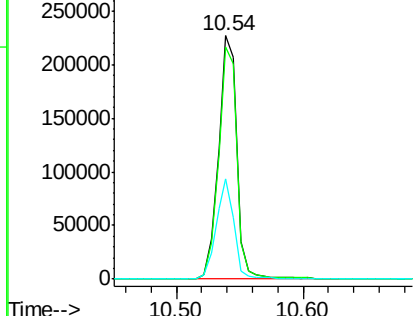
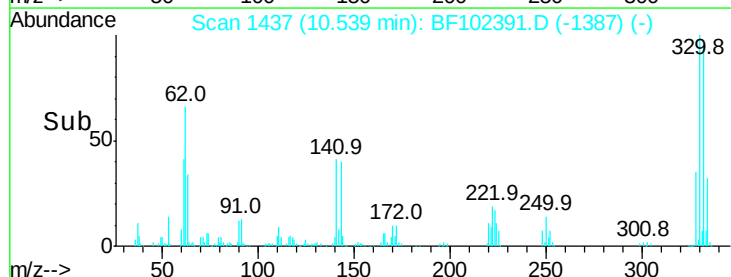


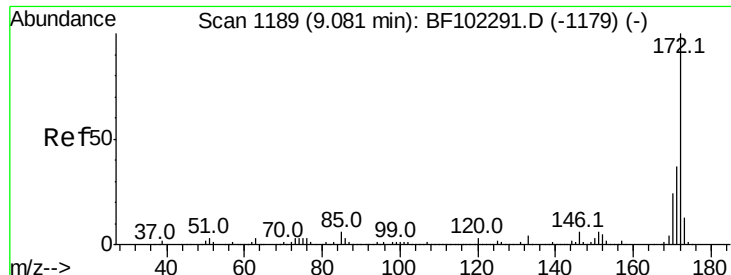
#41
2,4,6-Tribromophenol
Concen: 88.413 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion:330 Resp: 231676
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 40.3 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



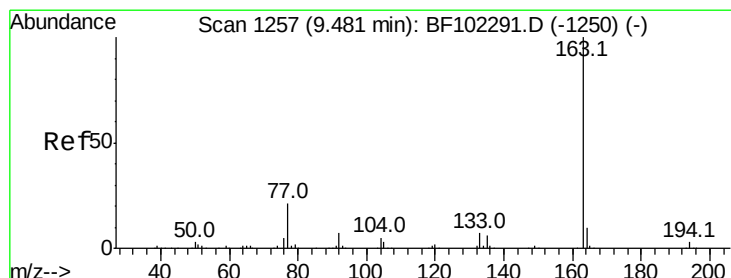
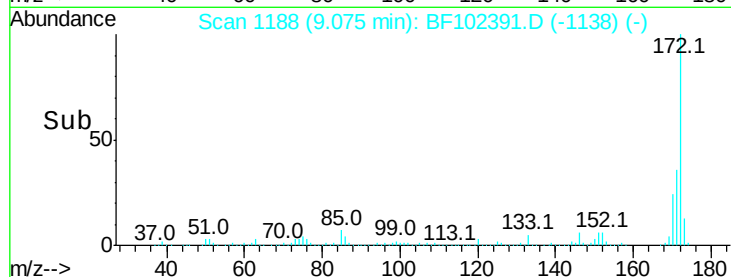
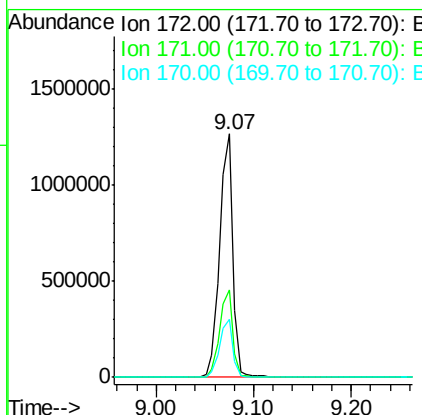
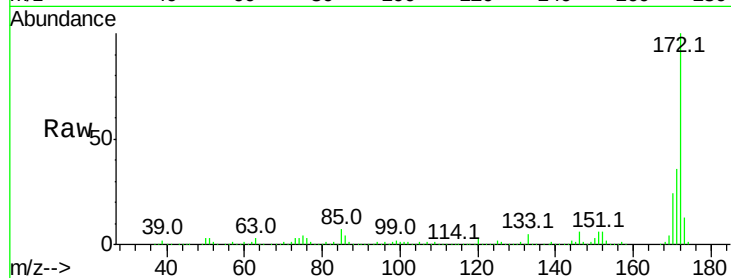


#44
 2-Fluorobiphenyl
 Concen: 66.500 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1196075

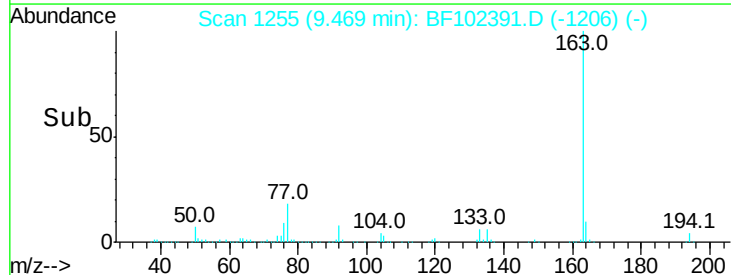
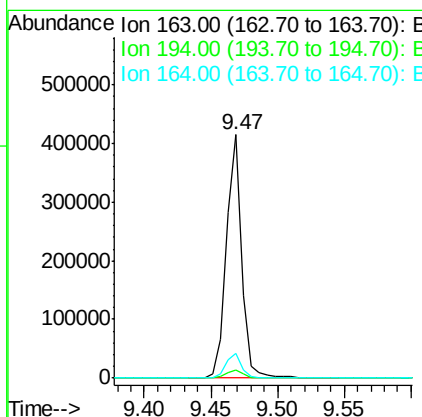
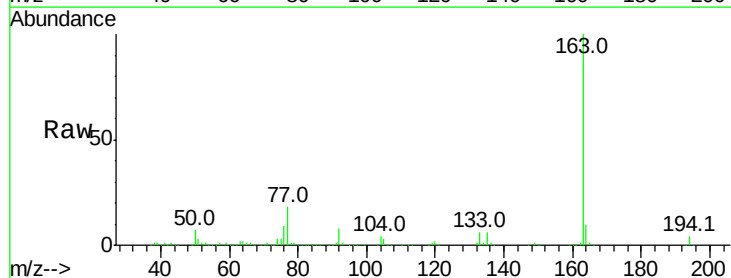
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

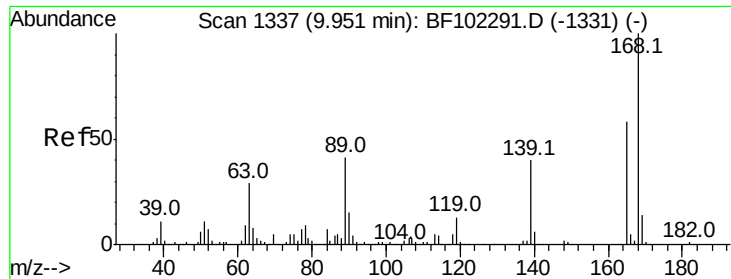


#49
 Dimethylphthalate
 Concen: 15.462 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Tgt Ion:163 Resp: 337982

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2

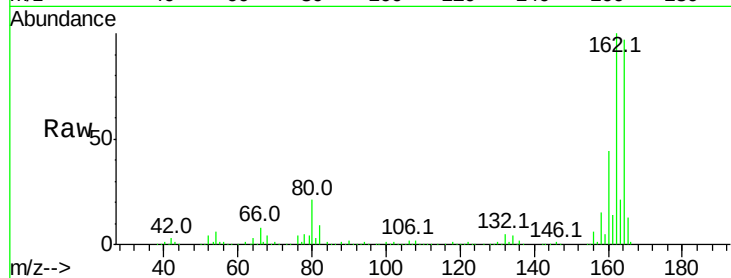




#56
2,4-Dinitrotoluene
Concen: 6.027 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



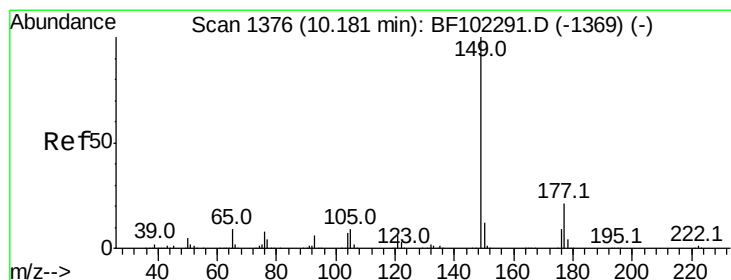
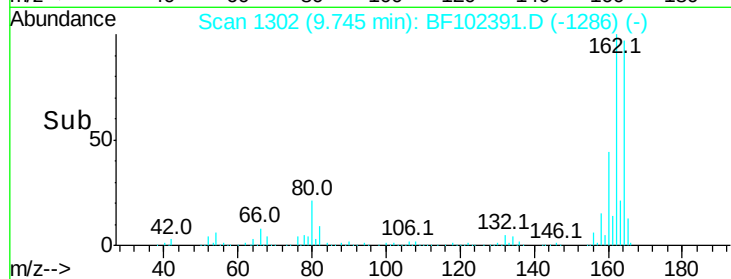
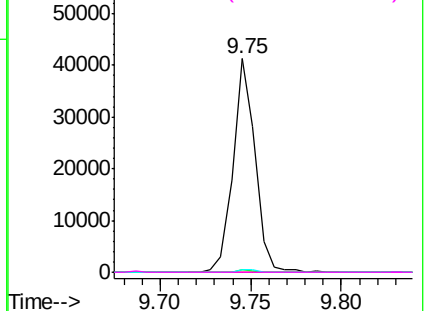
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

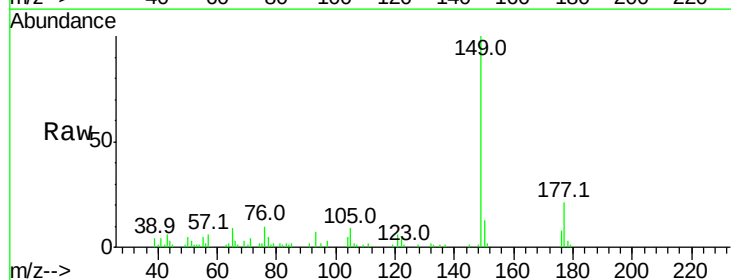
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 2.647 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF102391.D
Acq: 24 Jan 2018 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	13.0	10.1	15.1

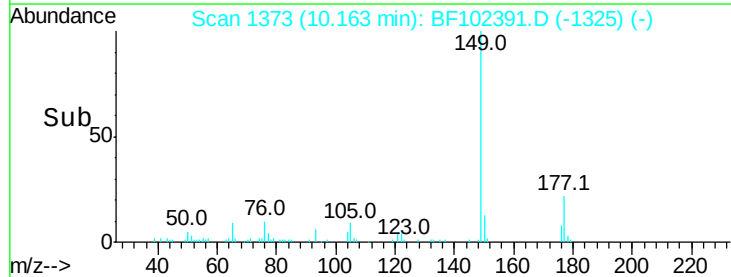
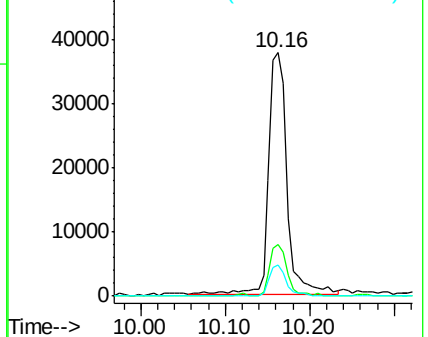


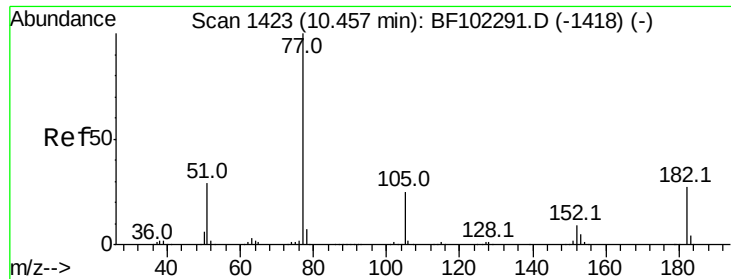
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

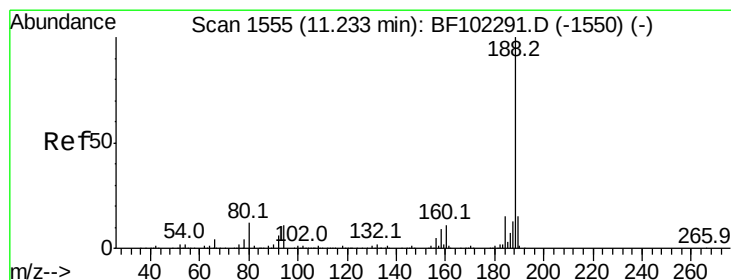
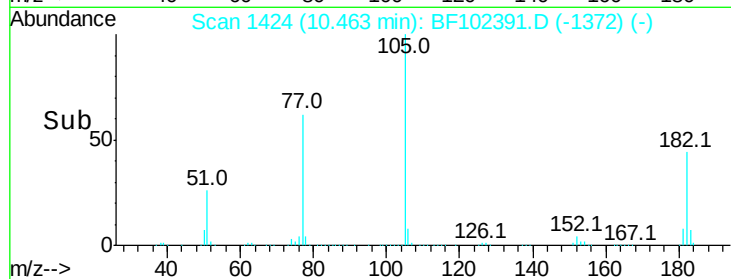
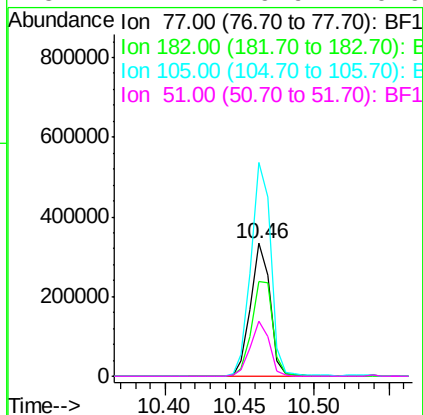
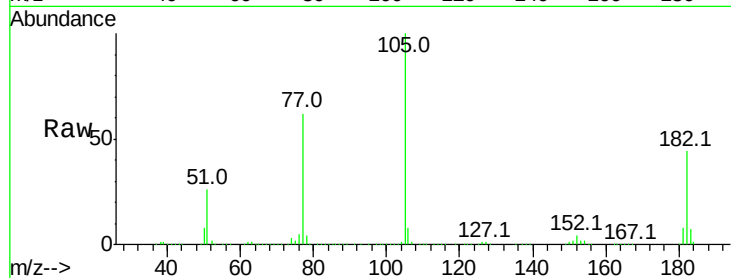




#62
 Azobenzene
 Concen: 15.452 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

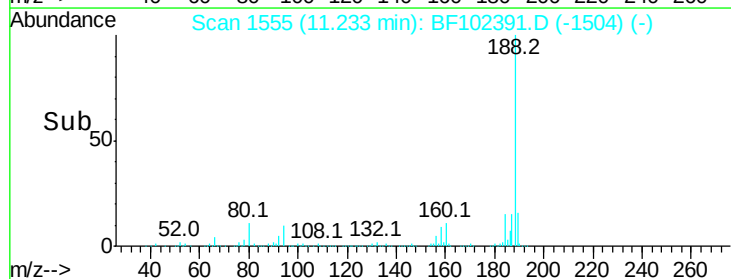
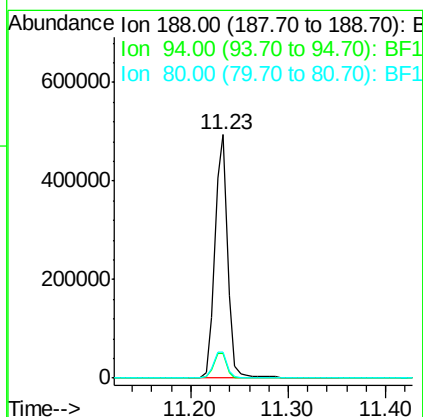
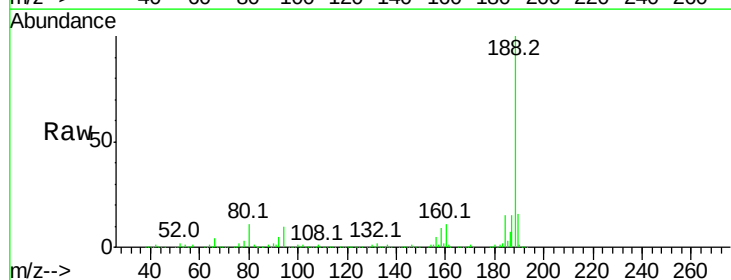
Instrument :
 BNA_F
 ClientSampled :

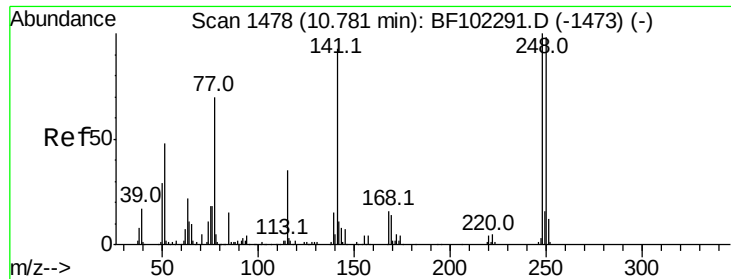
Tot Ion:	77	Resp:	300520
Ion	Ratio	Lower	Upper
77	100		
182	71.1	1.7	41.7#
105	161.1	3.0	43.0#
51	41.7	9.9	49.9



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Tgt Ion:	188	Resp:	445928
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.9	9.2	13.8

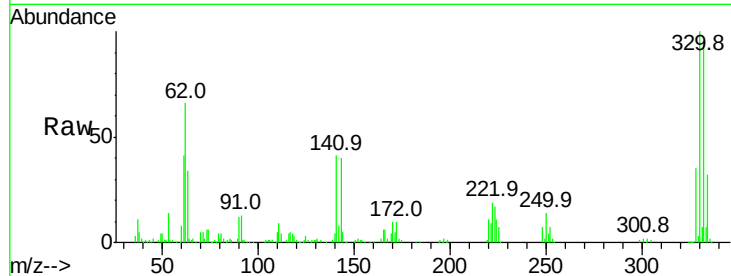




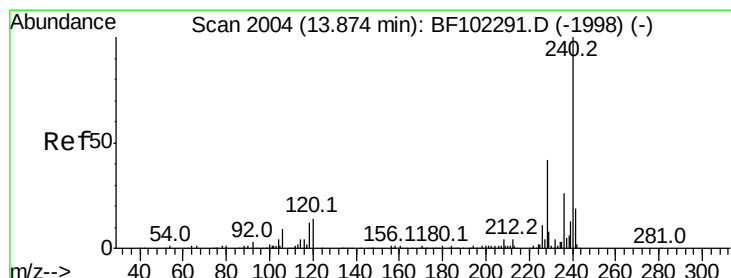
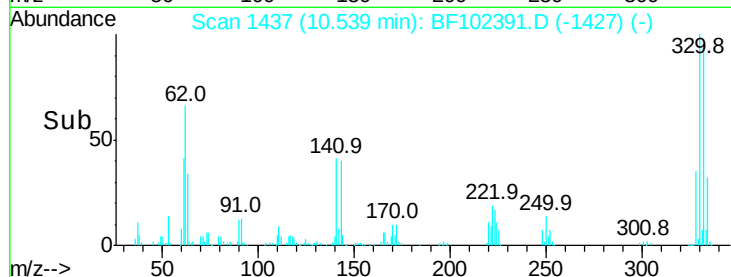
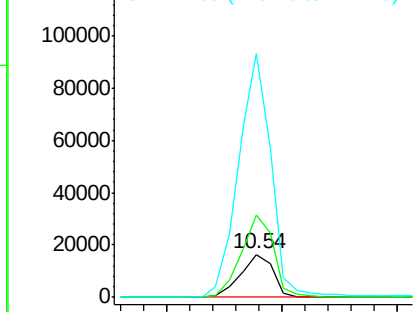
#66
 4-Bromophenyl-phenylether
 Concen: 3.381 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16232
 Ion Ratio Lower Upper
 248 100
 250 190.1 76.9 115.3#
 141 563.1 74.4 111.6#

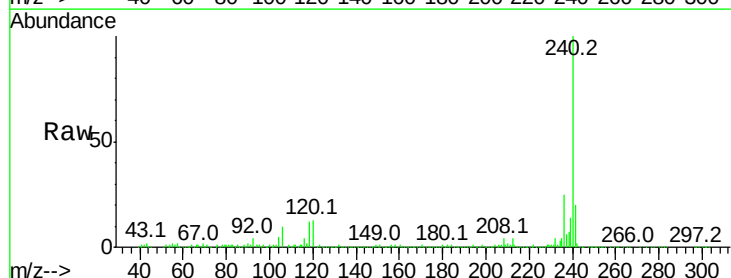


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

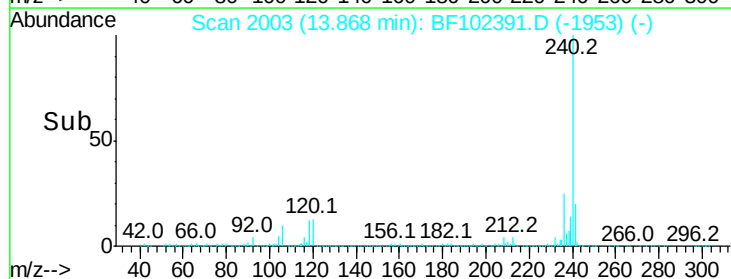
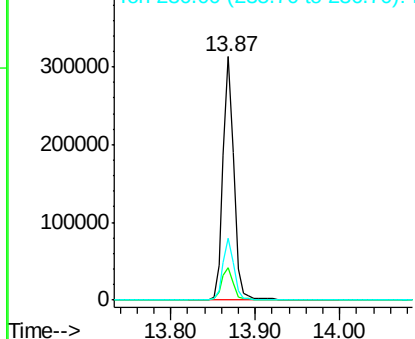


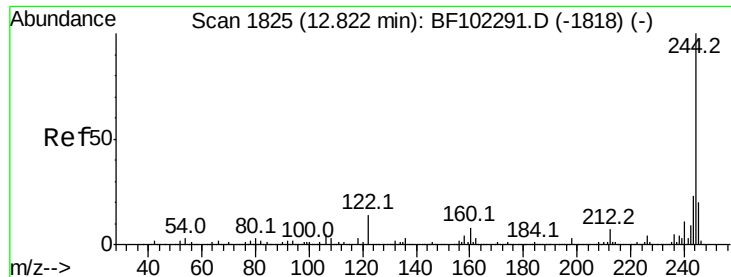
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Tgt Ion:240 Resp: 287638
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.2 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

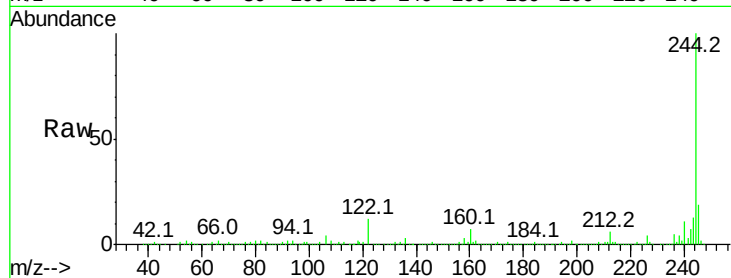




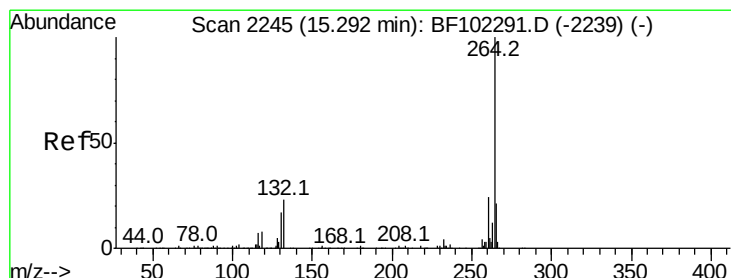
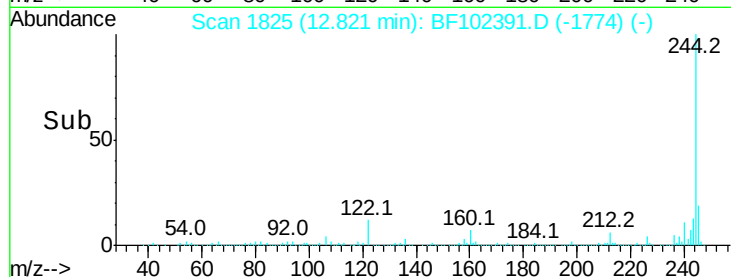
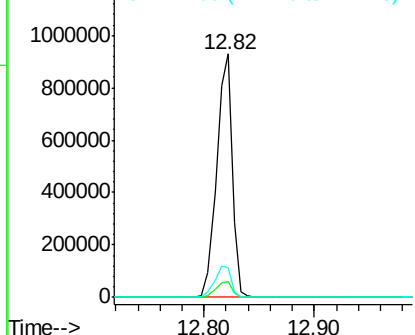
#78
 Terphenyl-d14
 Concen: 71.444 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 911573
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.5 11.0 16.4

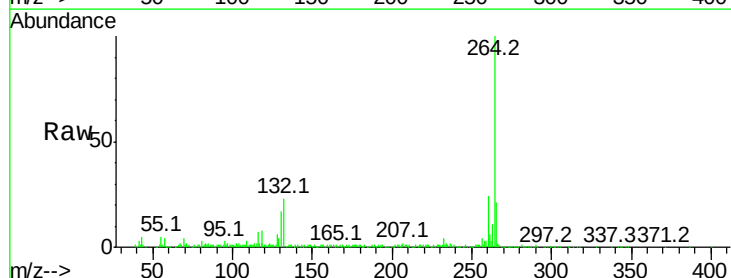


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102391.D
 Acq: 24 Jan 2018 16:03

Tgt Ion:264 Resp: 261286
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.7 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

