

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102133.D
 Acq On : 17 Jan 2018 1:56
 Operator : SJ/JU
 Sample : J1122-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

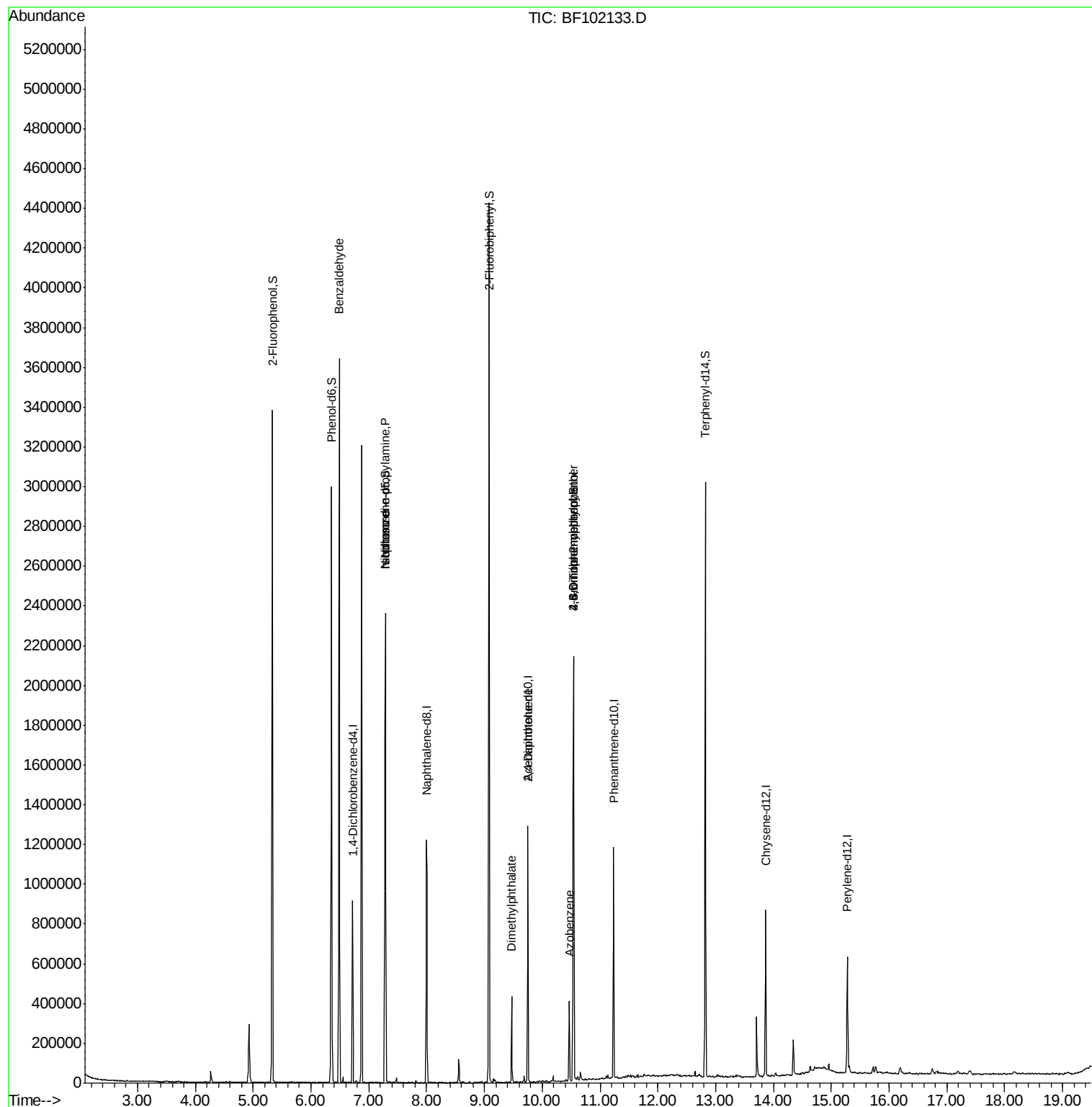
Quant Time: Jan 17 02:30:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

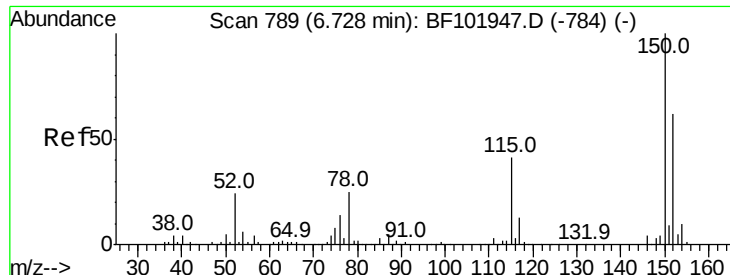
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137685	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	550657	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	233011	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	359287	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	249528	20.00	ng	-0.02
86) Perylene-d12	15.28	264	249495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1008981	103.48	ng	0.00
7) Phenol-d6	6.36	99	1244812	107.00	ng	0.00
23) Nitrobenzene-d5	7.29	82	772484	82.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	241544	118.78	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1374927	92.18	ng	-0.01
78) Terphenyl-d14	12.82	244	957825	79.70	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	22967	2.843	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.29	70	104547	13.713	ng	# 81
25) Isophorone	7.29	82	772468	41.720	ng	# 64
49) Dimethylphthalate	9.47	163	171283	9.163	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	29755	6.358	ng	# 23
62) Azobenzene	10.47	77	66414	3.590	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	608	5.937	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	16029	4.225	ng	# 1

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

Instrument :
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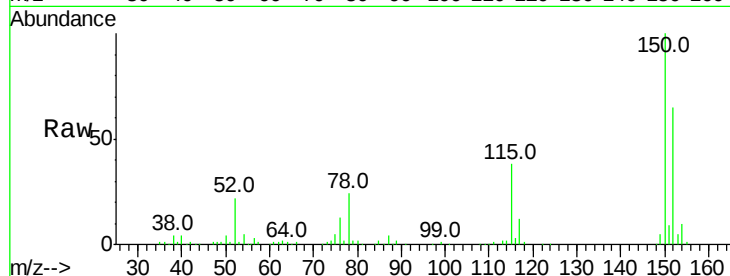


#1

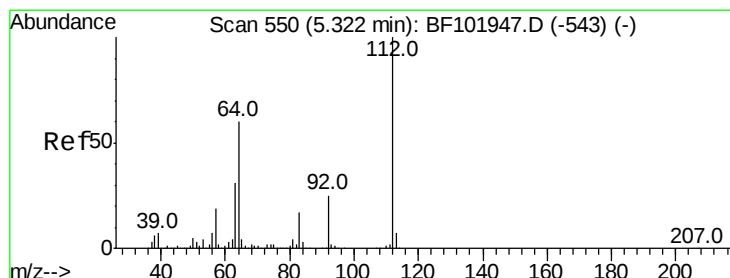
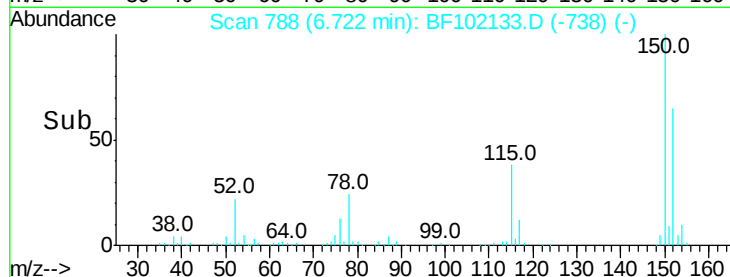
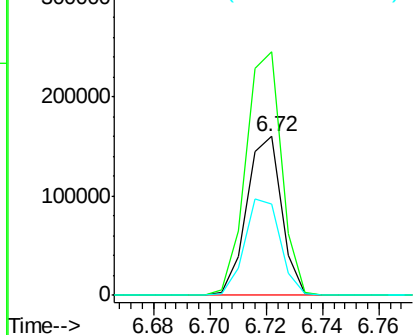
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137685
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 57.6 50.1 75.1



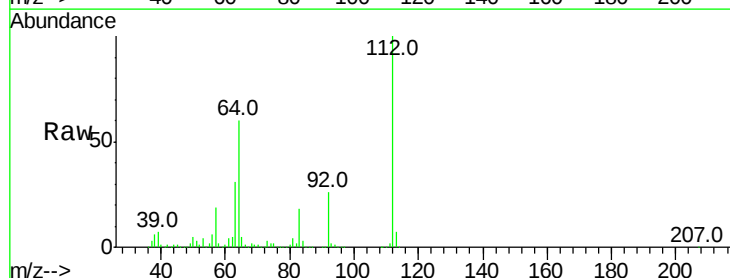
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



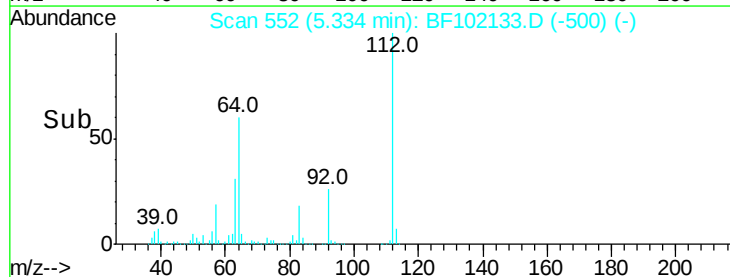
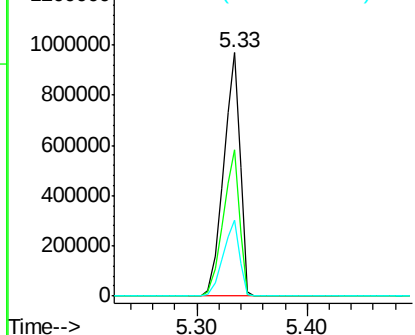
#5

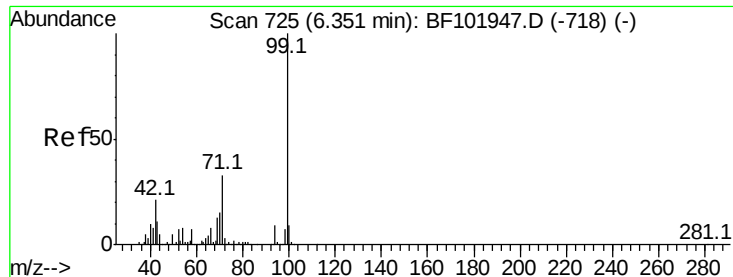
2-Fluorophenol
Concen: 103.480 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:112 Resp: 1008981
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.4 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: 107.004 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampleId :

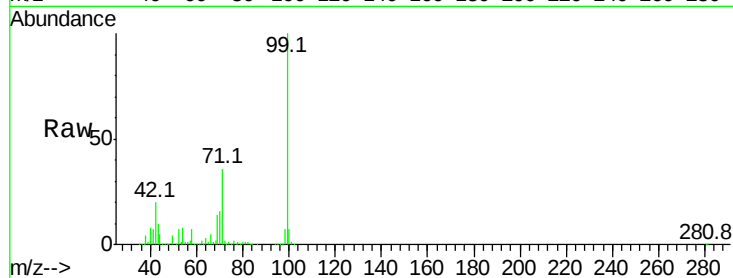
Tot Ion: 99 Resp: 1244812

Ion Ratio Lower Upper

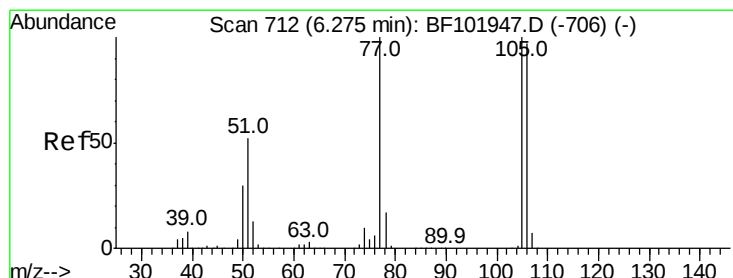
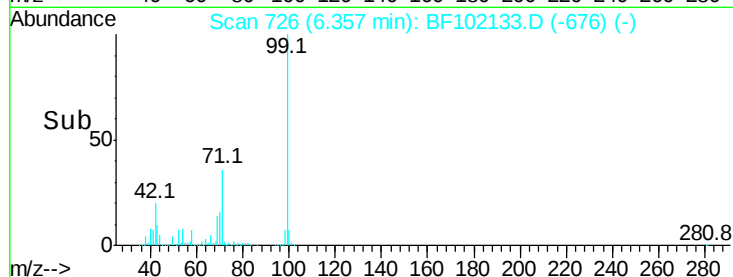
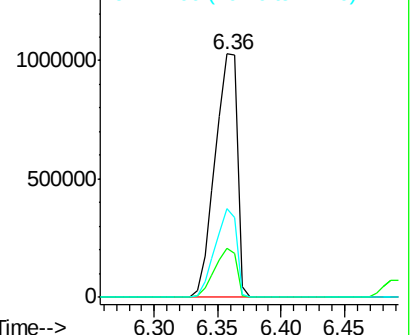
99 100

42 20.4 14.5 21.7

71 36.4 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



#9

Benzaldehyde

Concen: 2.843 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

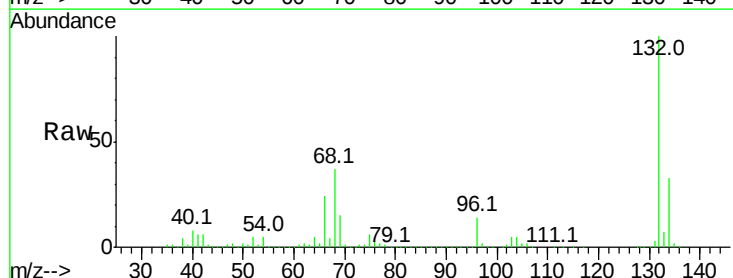
Tgt Ion: 77 Resp: 22967

Ion Ratio Lower Upper

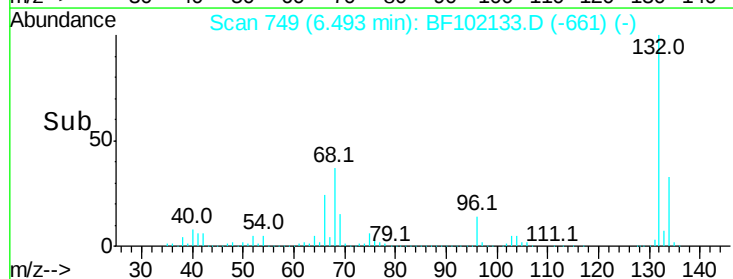
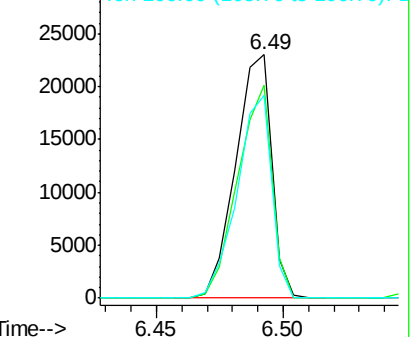
77 100

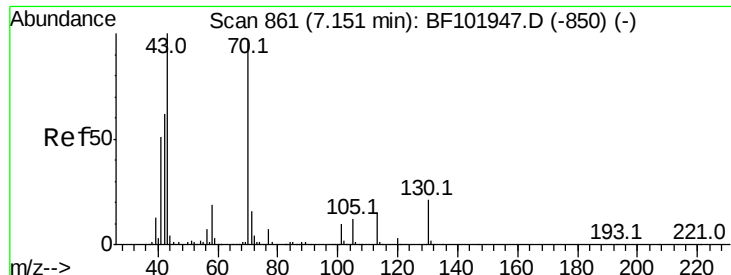
105 87.4 81.1 121.1

106 83.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

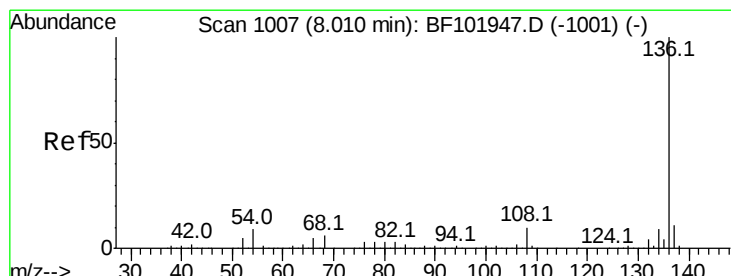
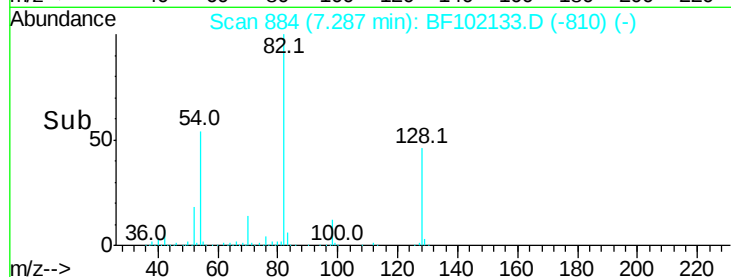
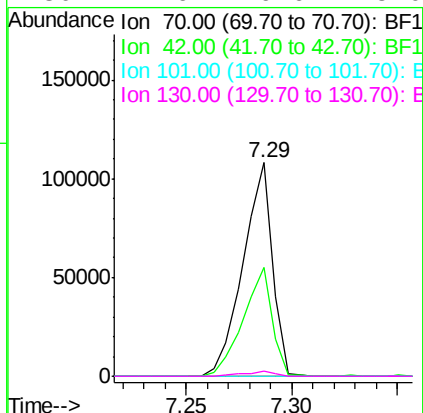
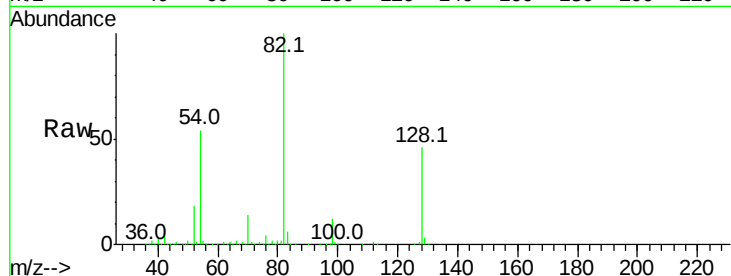




#19
n-Nitroso-di-n-propylamine
Concen: 13.713 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

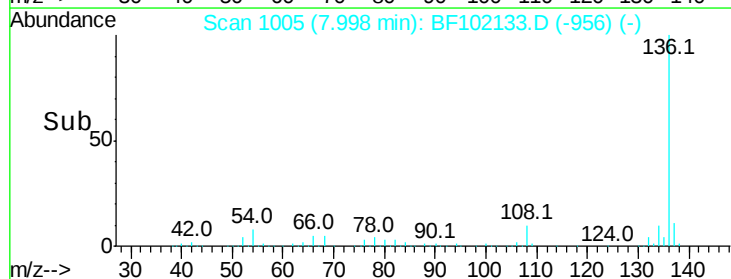
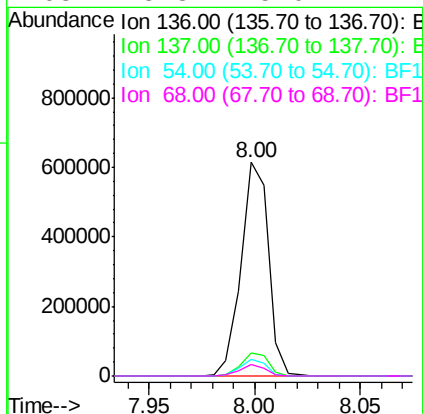
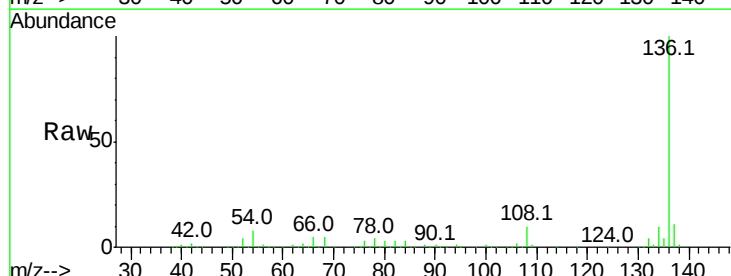
Instrument :
BNA_F
ClientSampleId :

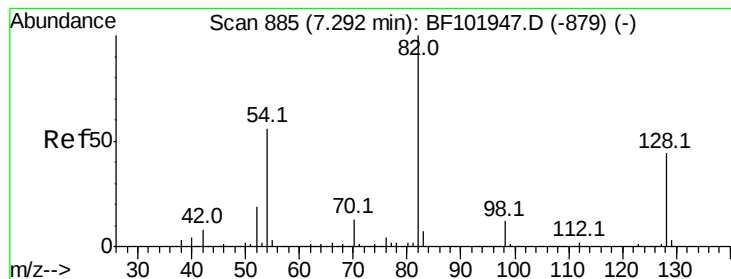
Tot Ion: 70 Resp: 104547
Ion Ratio Lower Upper
70 100
42 50.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion: 136 Resp: 550657
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.437 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampled :

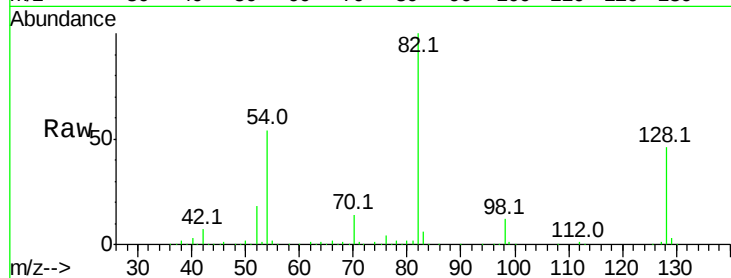
Tot Ion: 82 Resp: 772484

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

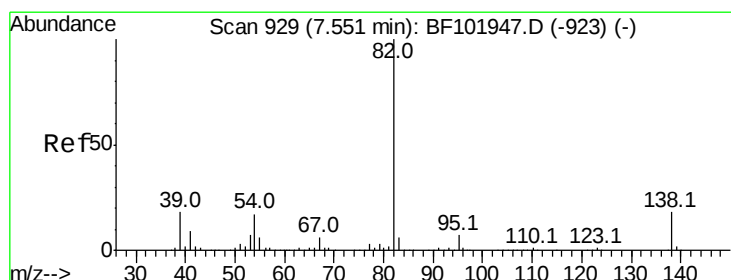
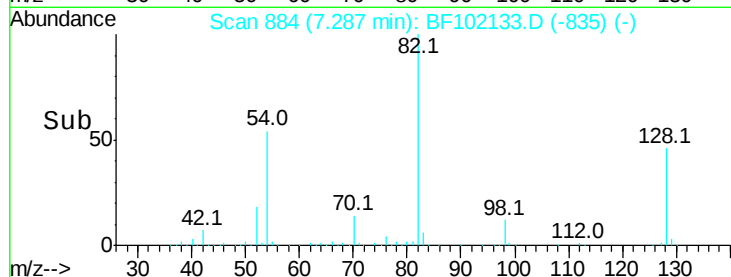
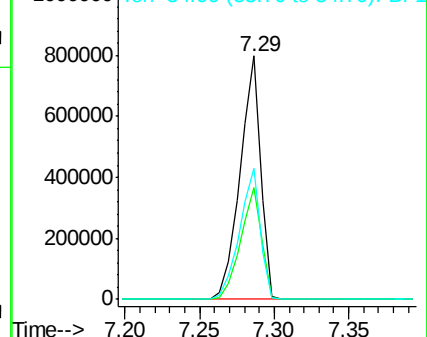
54 53.6 41.4 62.2



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: 41.720 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

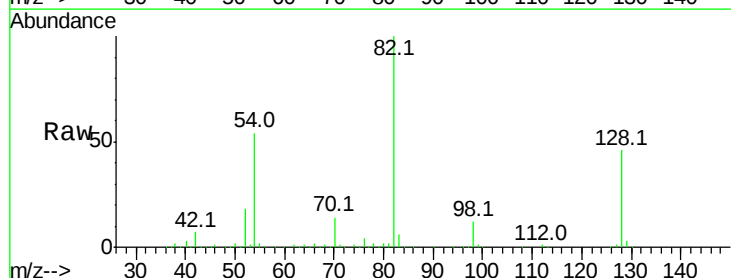
Tgt Ion: 82 Resp: 772468

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

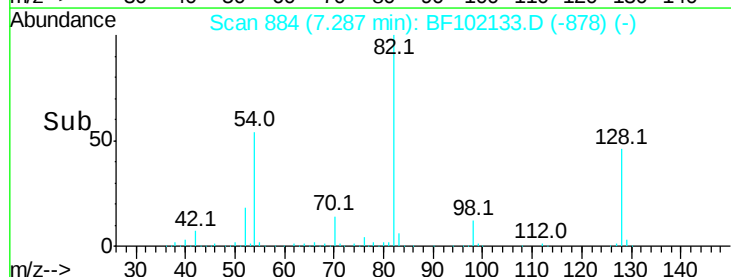
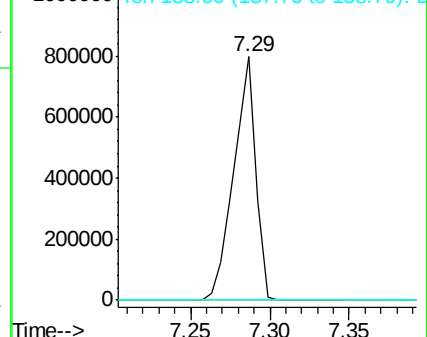
138 0.0 14.9 22.3#

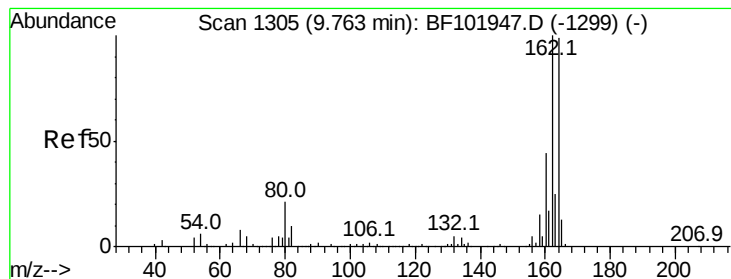


Abundance Ion 82.00 (81.70 to 82.70): BF1

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. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

Instrument :

BNA_F

ClientSampleId :

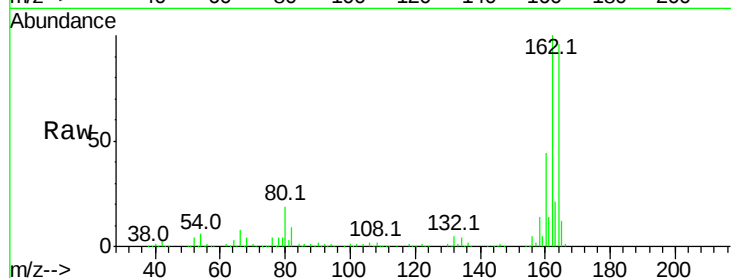
Tot Ion:164 Resp: 233011

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

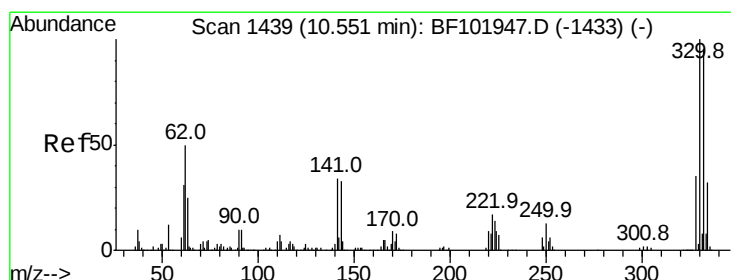
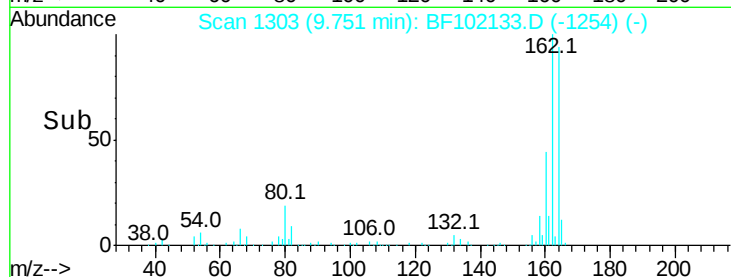
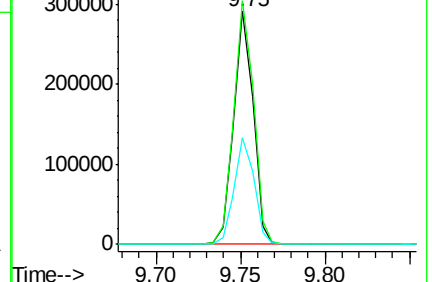
160 45.9 38.3 57.5



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: 118.785 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102133.D

Acq: 17 Jan 2018 1:56

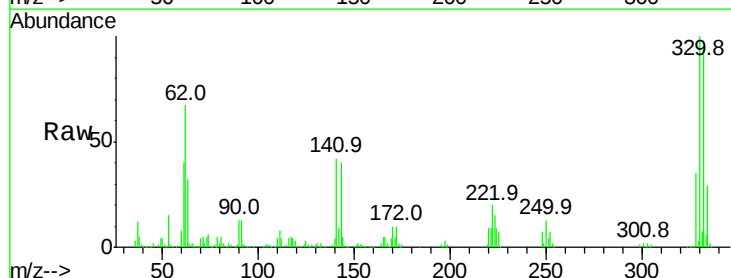
Tgt Ion:330 Resp: 241544

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

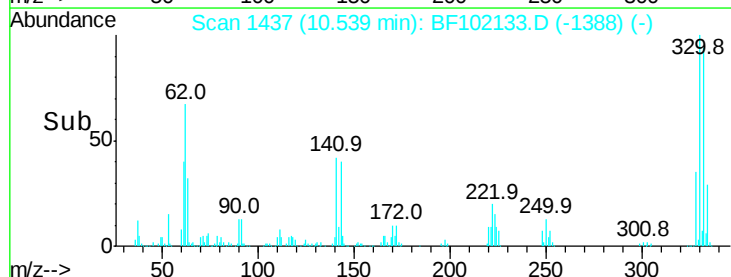
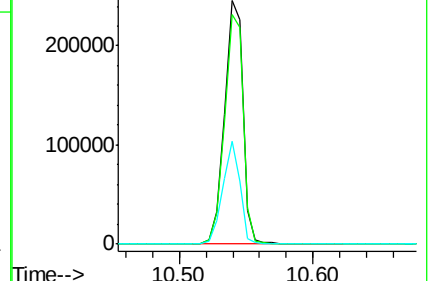
141 39.3 29.9 44.9

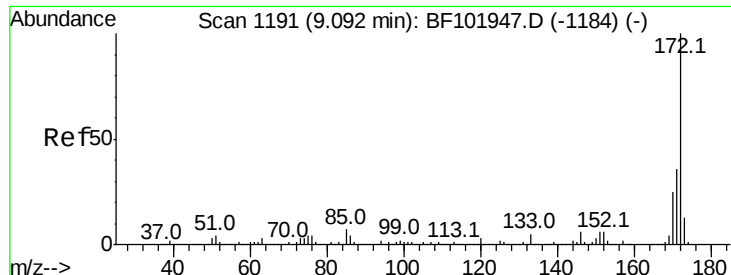


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

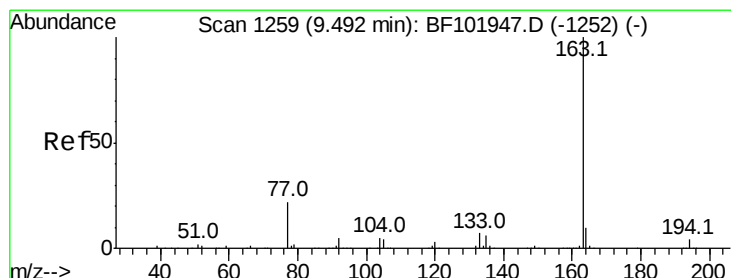
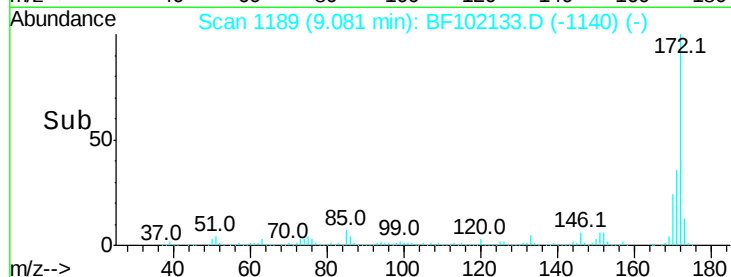
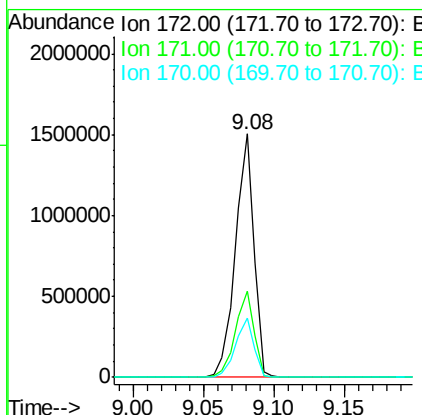
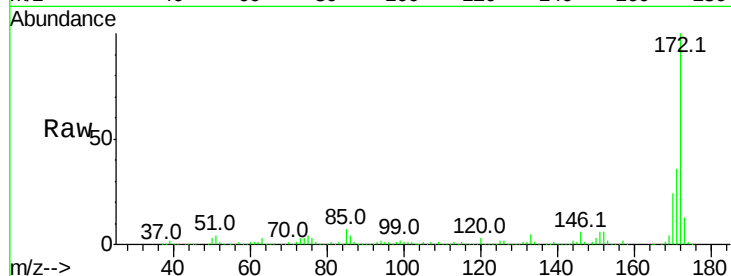




#44
2-Fluorobiphenyl
Concen: 92.185 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

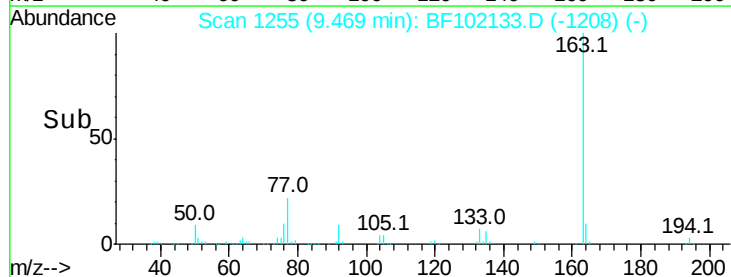
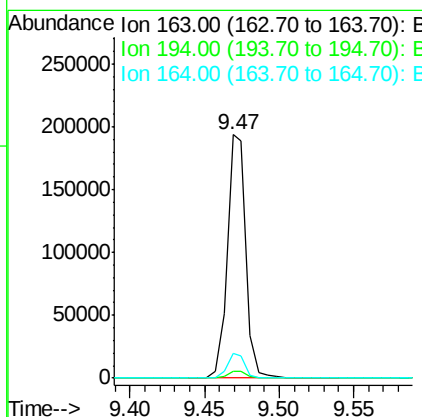
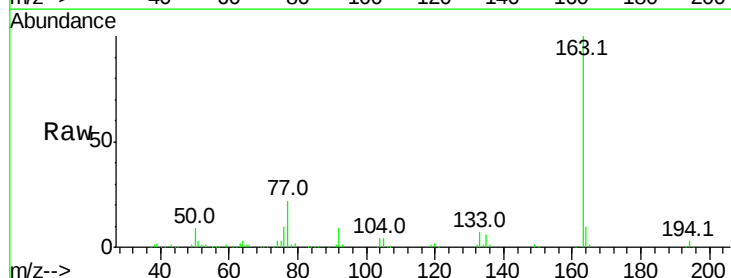
Instrument :
BNA_F
ClientSampleId :

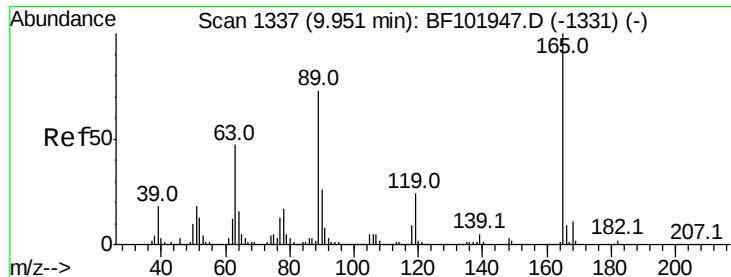
Tot Ion:172 Resp: 1374927
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 9.163 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:163 Resp: 171283
Ion Ratio Lower Upper
163 100
194 2.7 2.7 4.1#
164 9.9 8.2 12.2

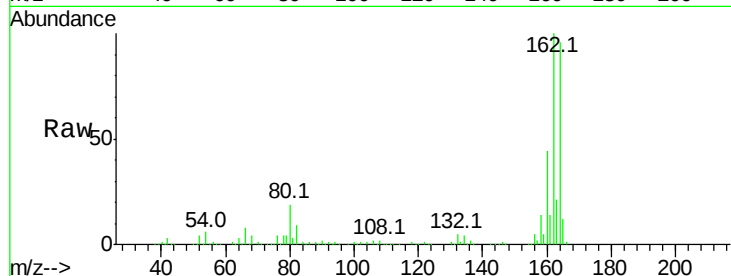




#56
2,4-Dinitrotoluene
Concen: 6.358 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	29755
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

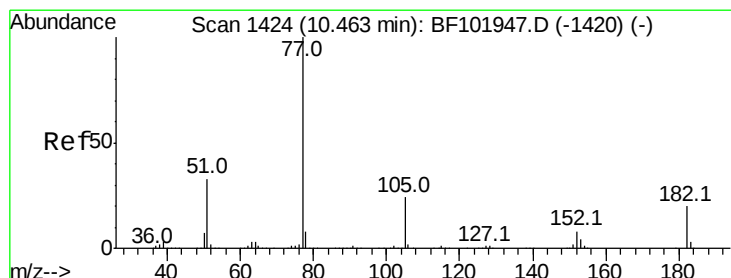
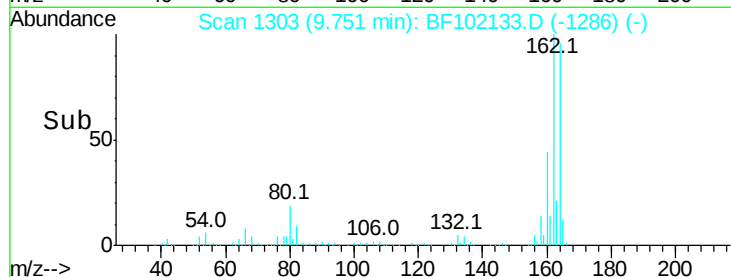
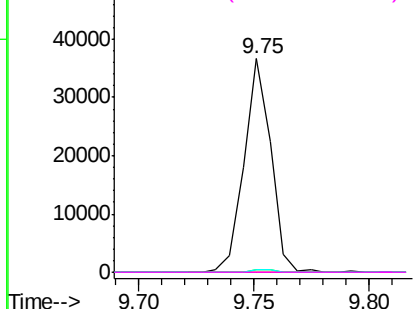


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

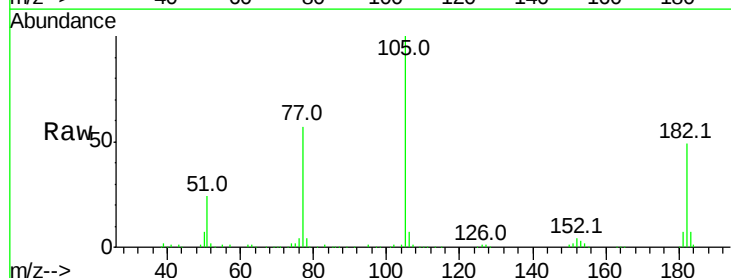
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
Azobenzene
Concen: 3.590 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:	77	Resp:	66414
Ion	Ratio	Lower	Upper
77	100		
182	86.5	1.7	41.7#
105	175.2	3.0	43.0#
51	41.6	9.9	49.9

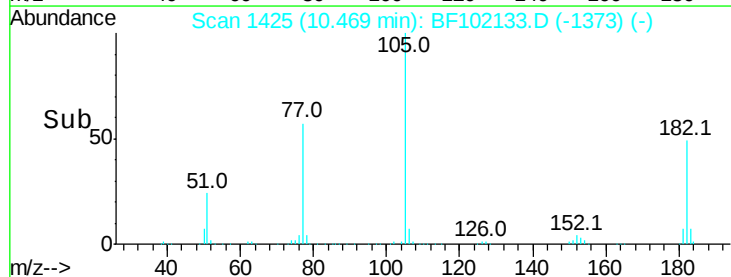
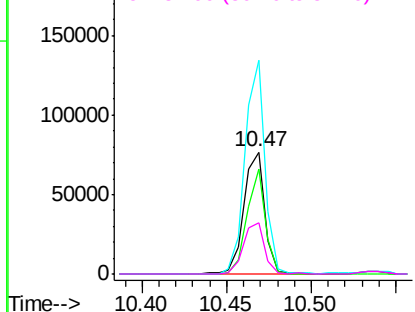


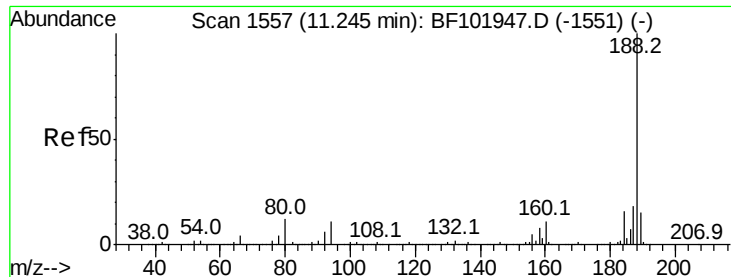
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

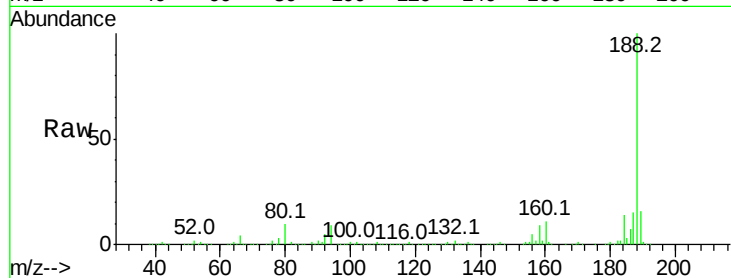




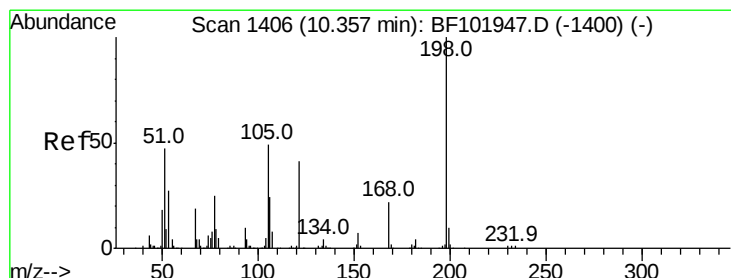
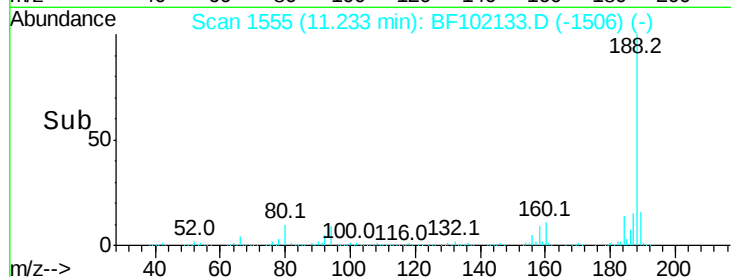
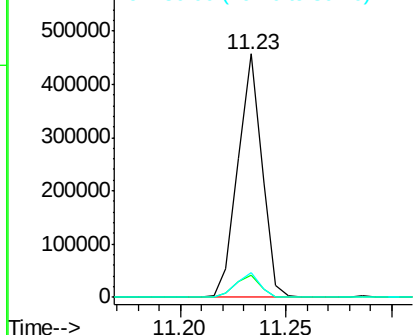
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 359287
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.2 9.2 13.8

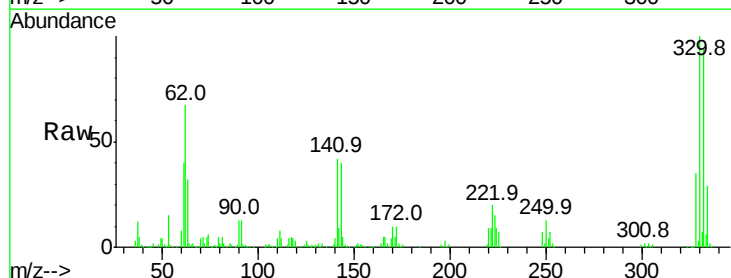


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

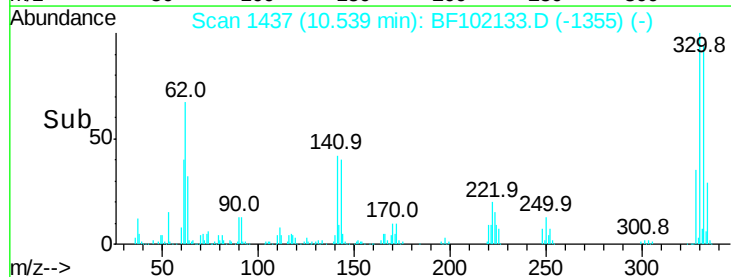
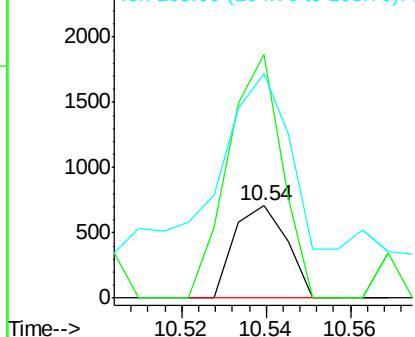


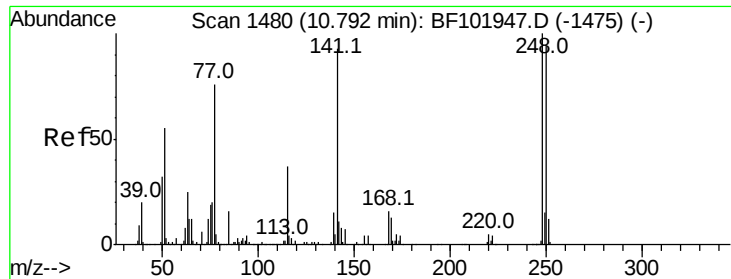
#64
4,6-Dinitro-2-methylphenol
Concen: 5.937 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:198 Resp: 608
Ion Ratio Lower Upper
198 100
51 264.3 37.7 77.7#
105 243.8 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

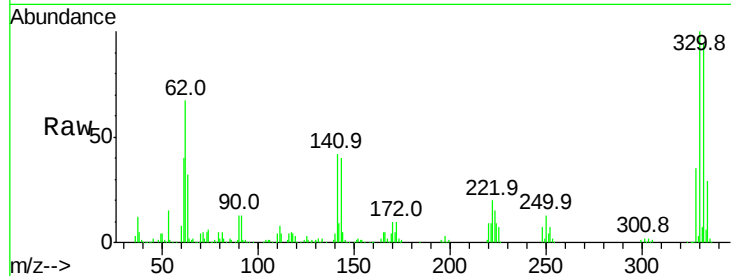




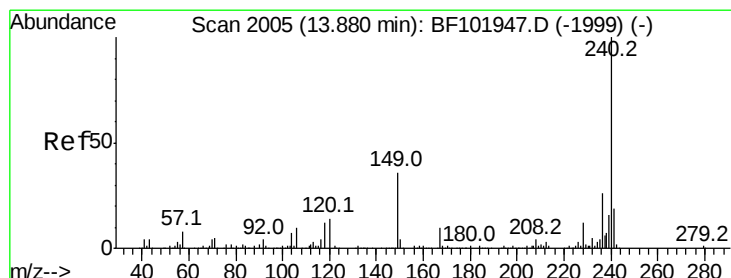
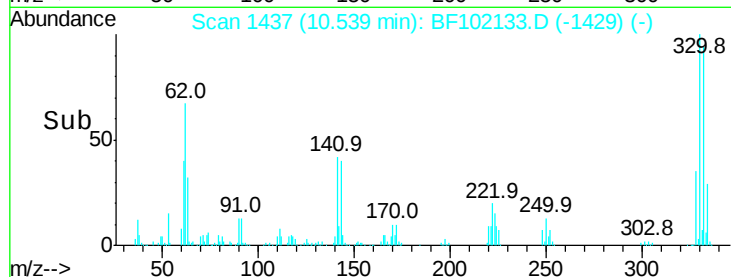
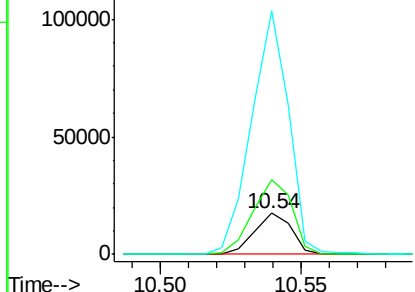
#66
4-Bromophenyl-phenylether
Concen: 4.225 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16029
Ion Ratio Lower Upper
248 100
250 183.5 76.9 115.3#
141 595.2 74.4 111.6#

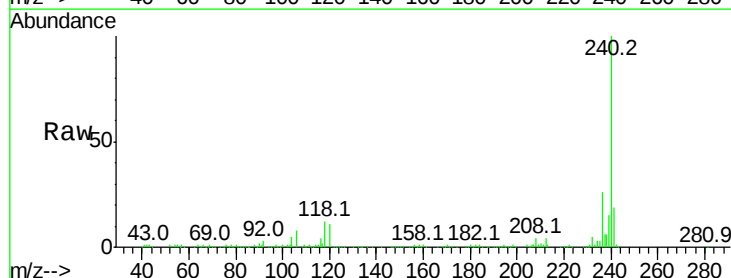


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

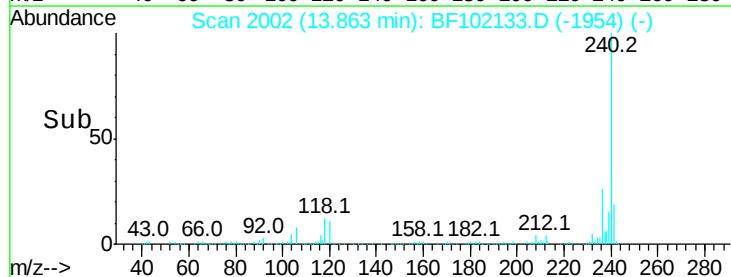
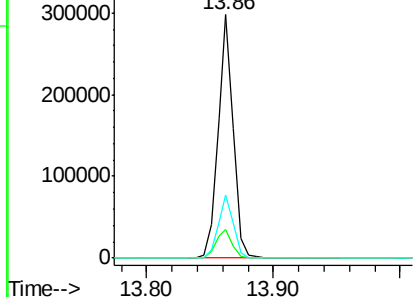


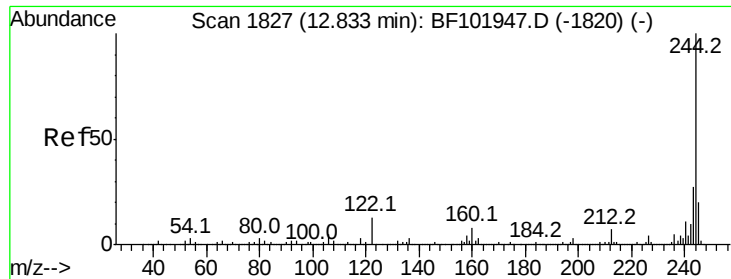
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102133.D
Acq: 17 Jan 2018 1:56

Tgt Ion:240 Resp: 249528
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.0 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

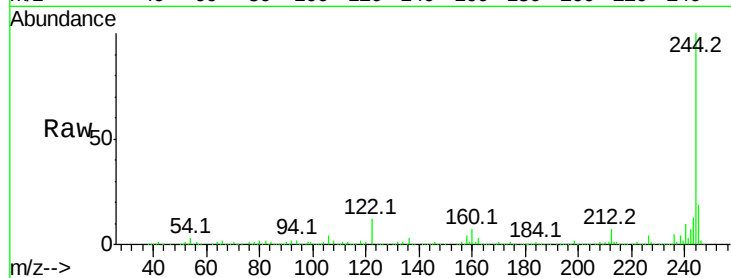




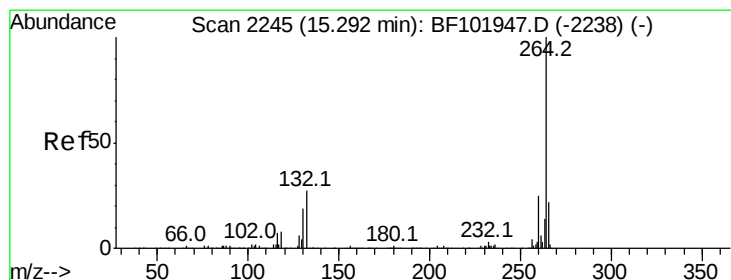
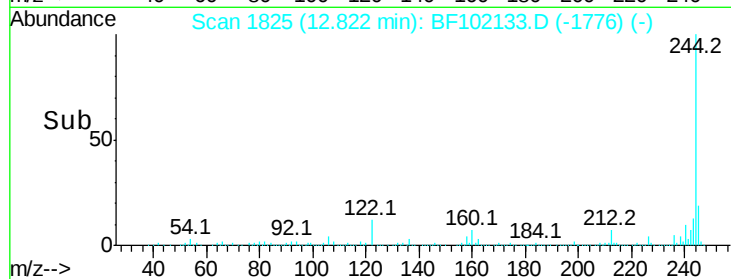
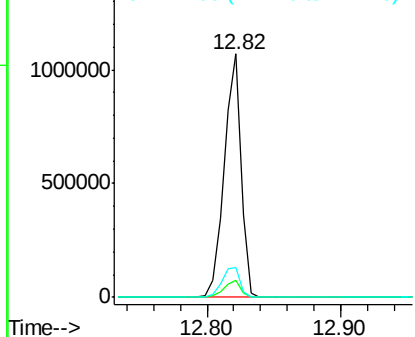
#78
 Terphenyl-d14
 Concen: 79.698 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 957825
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.5 11.0 16.4

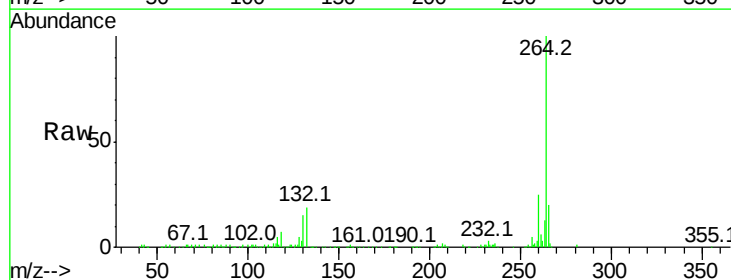


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102133.D
 Acq: 17 Jan 2018 1:56

Tgt Ion:264 Resp: 249495
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.5 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

