

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102987.D
 Acq On : 14 Feb 2018 14:15
 Operator : SJ/JU
 Sample : J1530-46
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 15:33:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165776	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664838	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	259211	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	349090	20.00	ng	0.00
75) Chrysene-d12	14.04	240	298635	20.00	ng	0.00
86) Perylene-d12	15.52	264	261871	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1132462	103.74	ng	0.01
7) Phenol-d6	6.51	99	1343637	102.23	ng	0.01
23) Nitrobenzene-d5	7.44	82	844545	88.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	187378	89.81	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1247017	79.83	ng	0.00
78) Terphenyl-d14	12.99	244	838062	66.45	ng	0.00

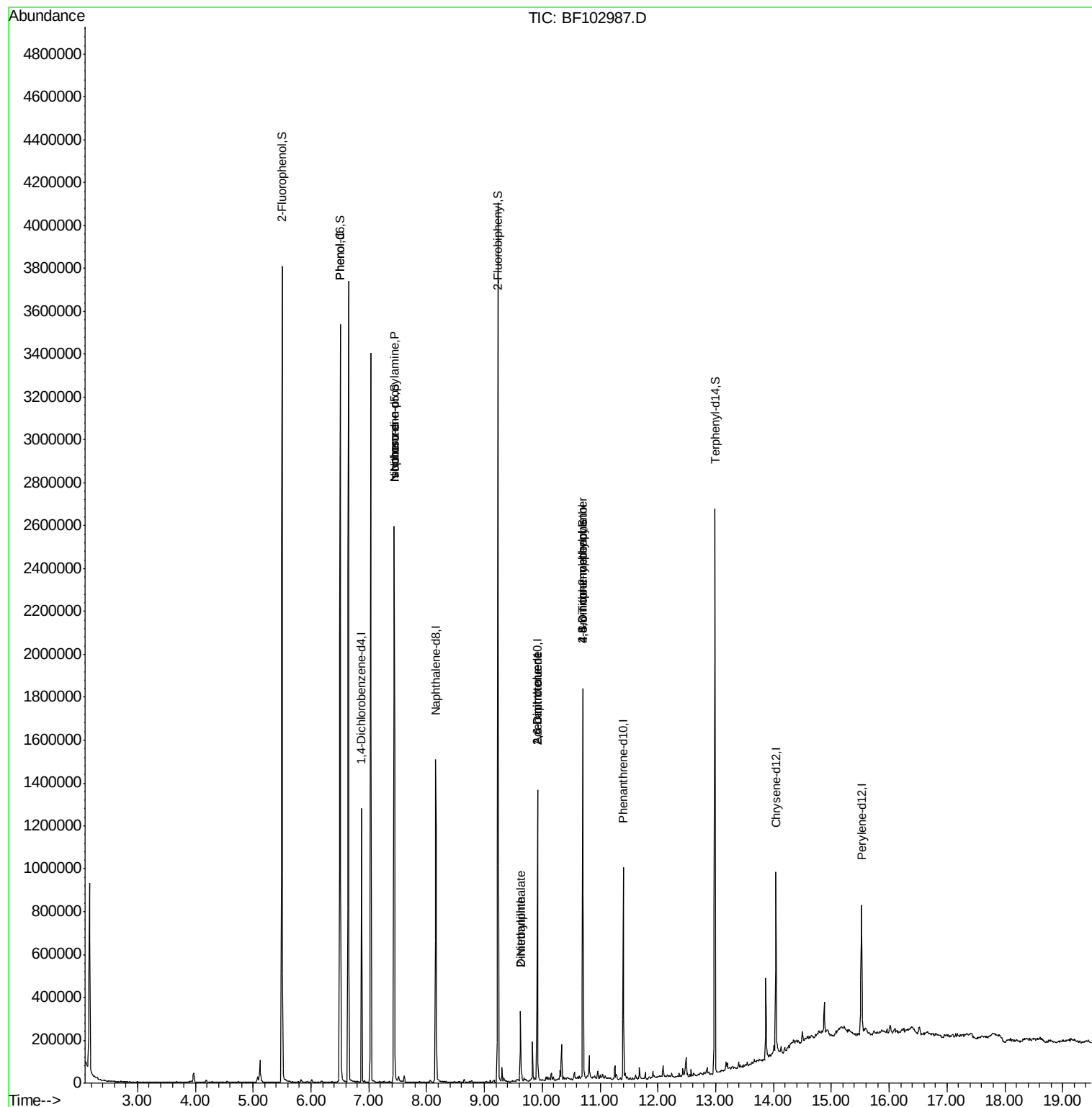
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	42961	3.050	ng	76
19) n-Nitroso-di-n-propylamine	7.44	70	112459	12.977	ng	# 83
25) Isophorone	7.44	82	844533	38.269	ng	# 64
47) 2-Nitroaniline	9.62	65	1252	3.691	ng	# 1
49) Dimethylphthalate	9.62	163	109365	5.411	ng	99
50) 2,6-Dinitrotoluene	9.92	165	32967	8.573	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	32967	9.059	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	431	9.067	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12611	3.415	ng	# 1

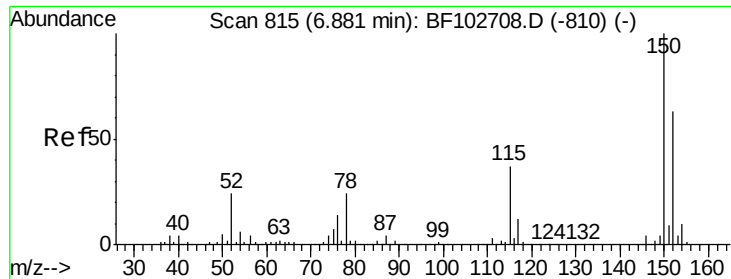
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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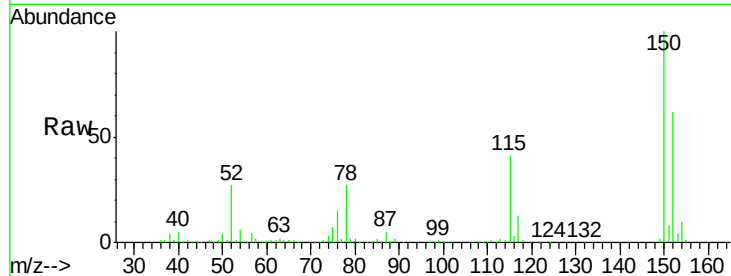


#1

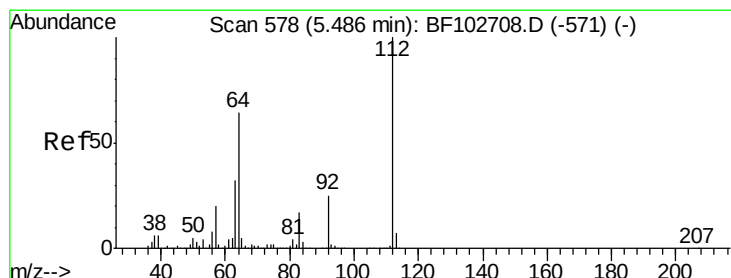
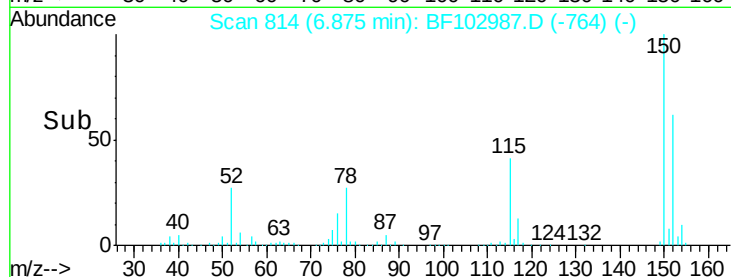
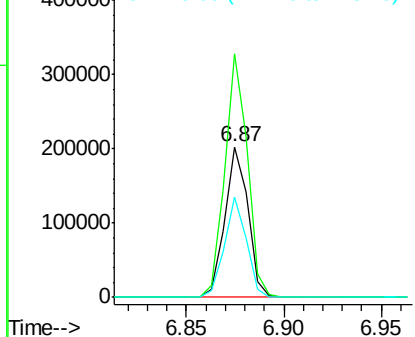
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165776
Ion Ratio Lower Upper
152 100
150 162.1 124.6 186.8
115 66.7 50.1 75.1



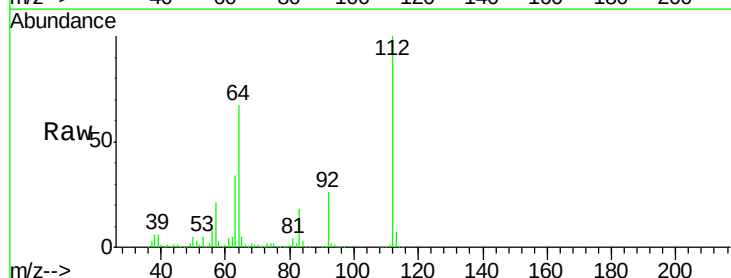
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



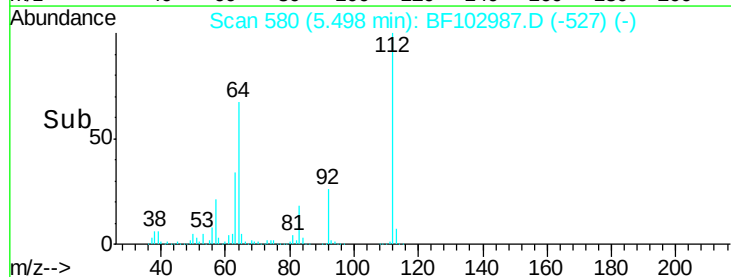
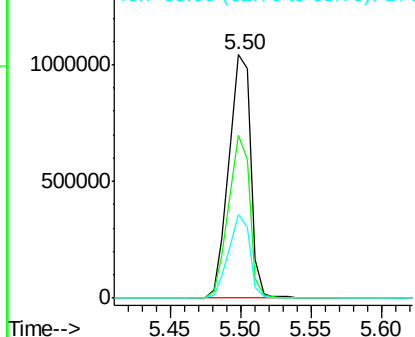
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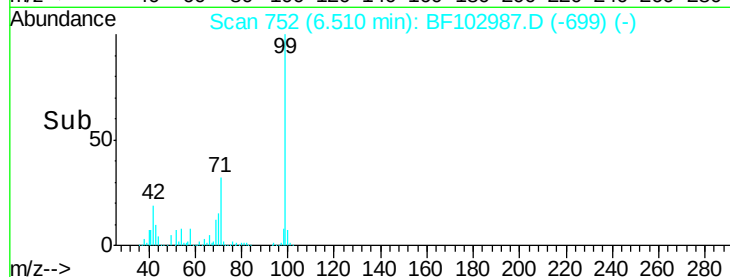
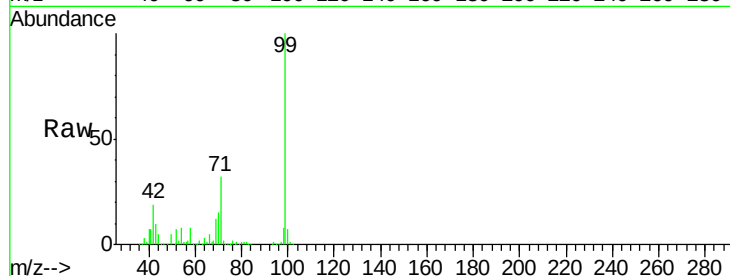
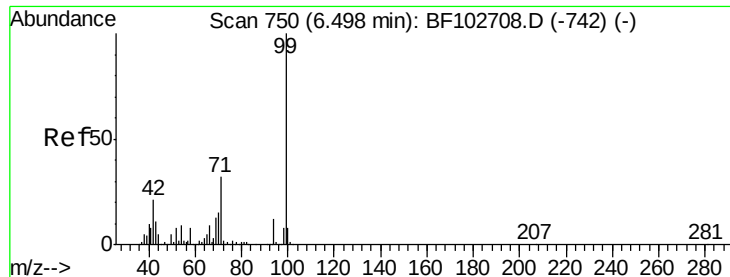
2-Fluorophenol
Concen: 103.744 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:112 Resp: 1132462
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 34.1 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: 102.228 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102987.D

Acq: 14 Feb 2018 14:15

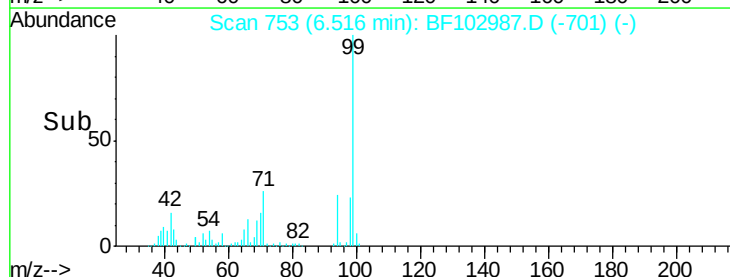
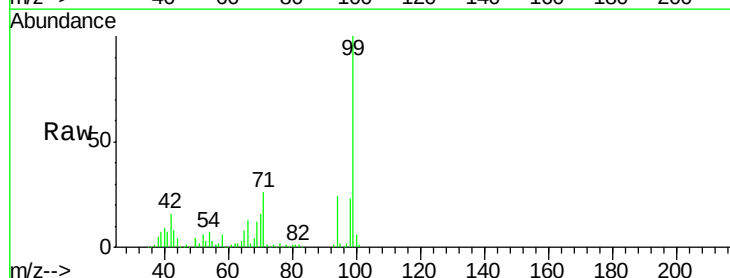
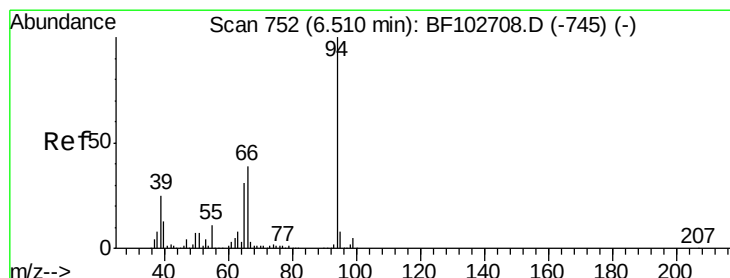
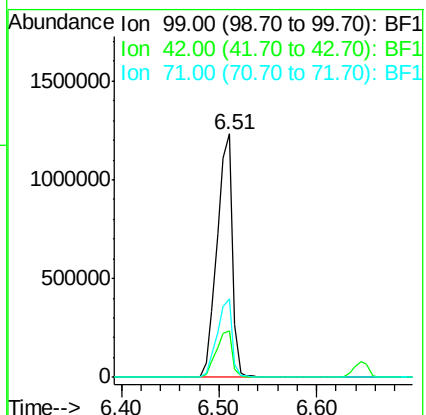
Tot Ion: 99 Resp: 1343637

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.0 25.4 38.0



#10

Phenol

Concen: 3.050 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102987.D

Acq: 14 Feb 2018 14:15

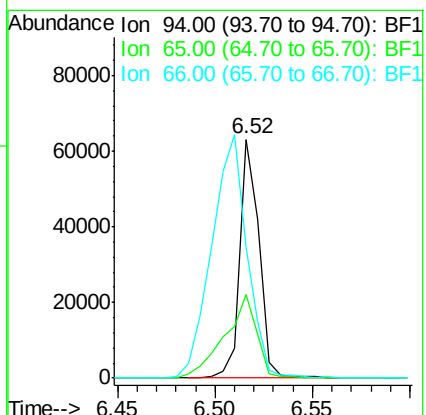
Tgt Ion: 94 Resp: 42961

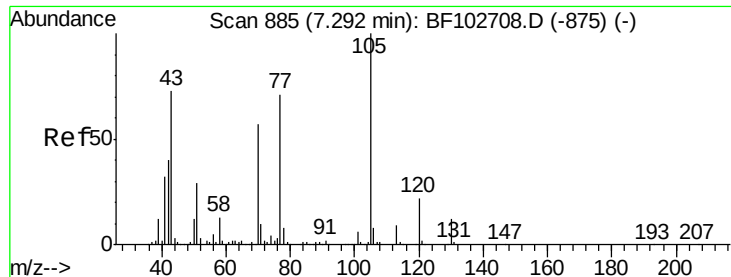
Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

66 55.1 16.2 56.2

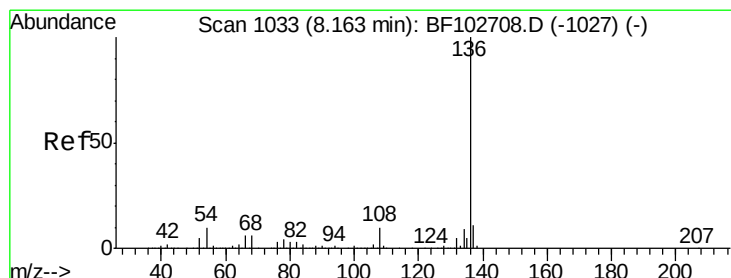
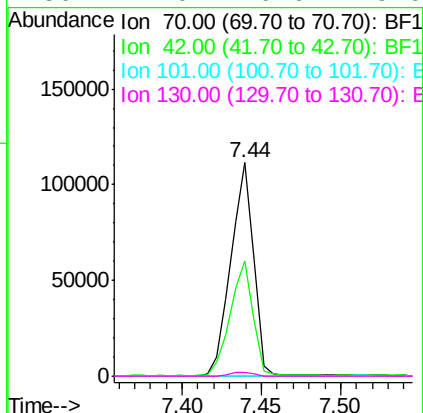
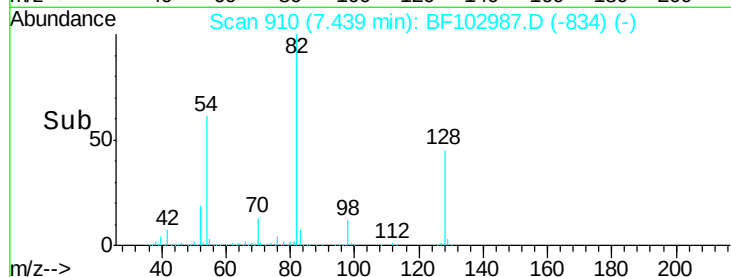
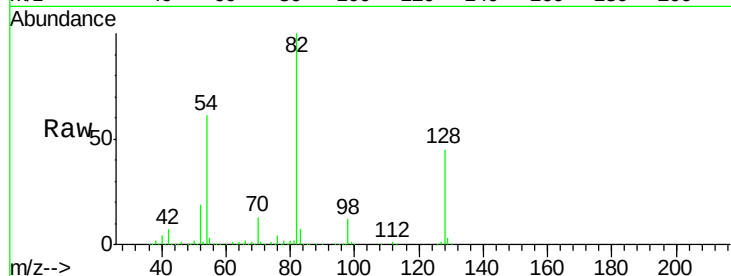




#19
n-Nitroso-di-n-propylamine
Concen: 12.977 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

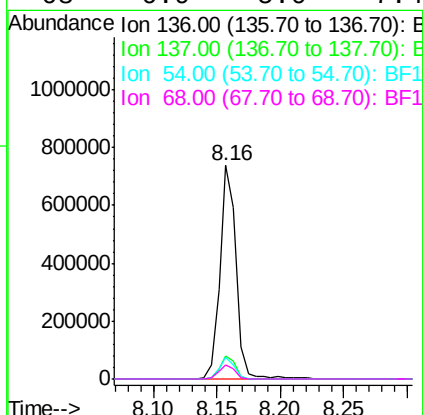
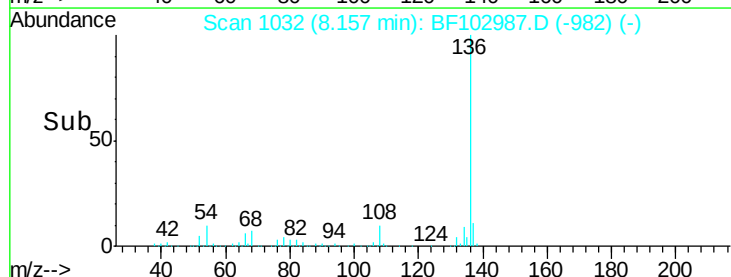
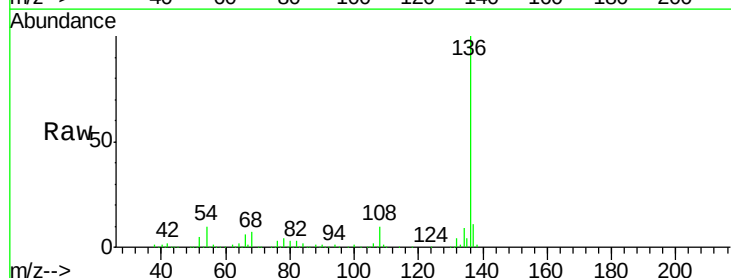
Instrument :
BNA_F
ClientSampleId :

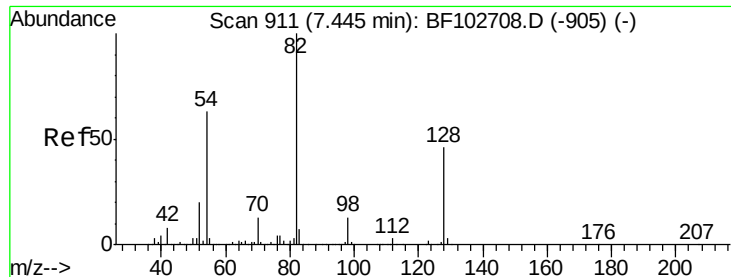
Tot Ion: 70 Resp: 112459
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:136 Resp: 664838
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.1 6.6 9.8#
68 6.9 5.0 7.4

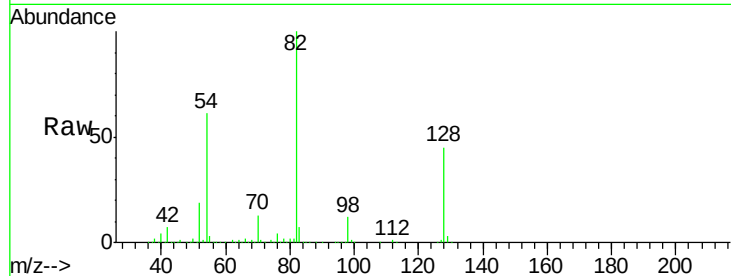




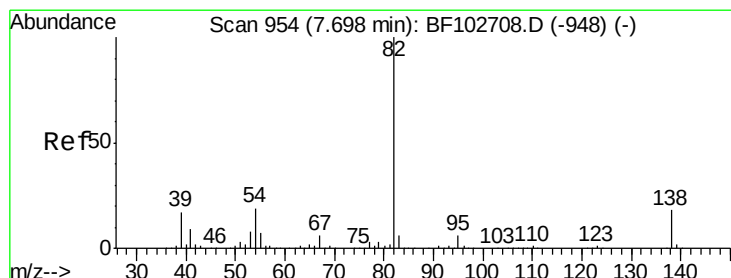
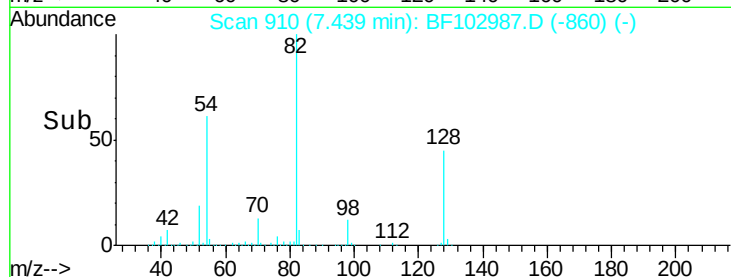
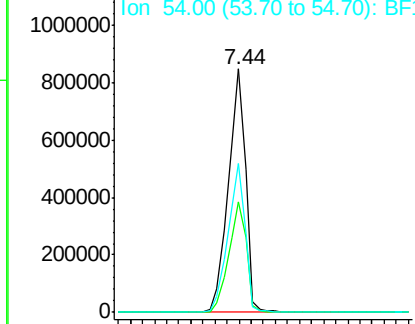
#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 844545
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 61.1 41.4 62.2

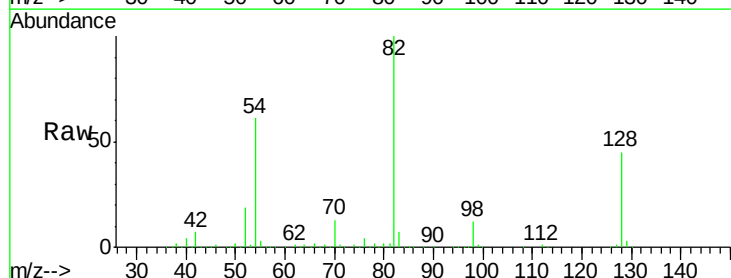


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

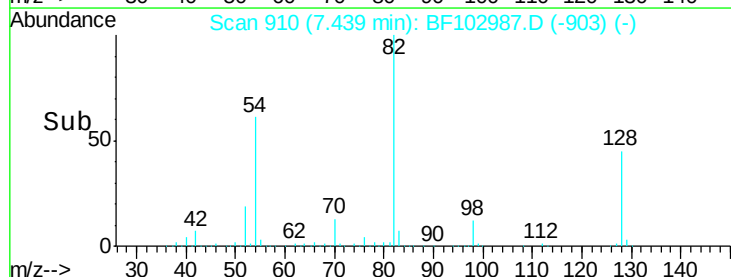
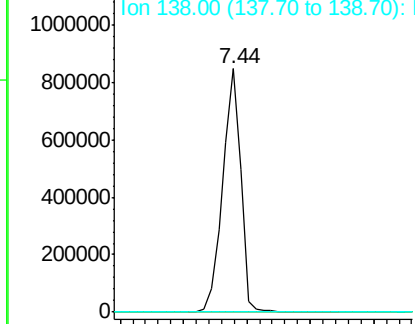


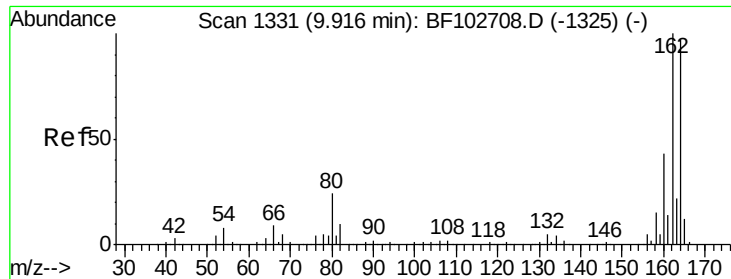
#25
Isophorone
Concen: 38.269 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion: 82 Resp: 844533
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

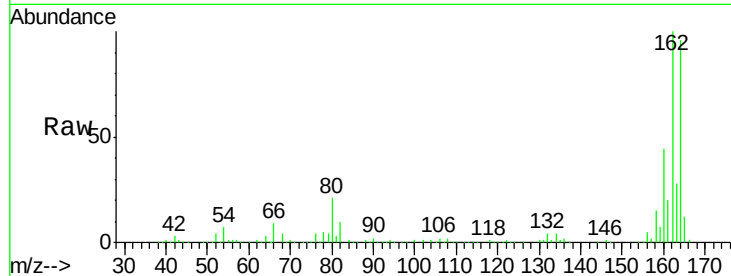




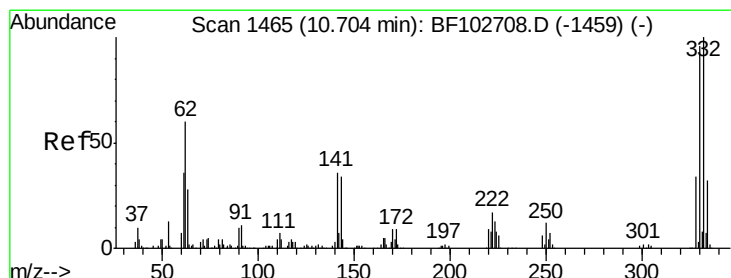
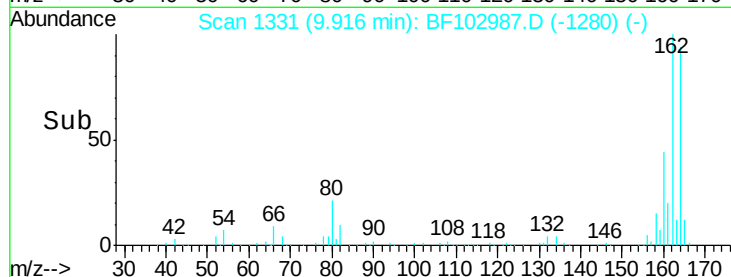
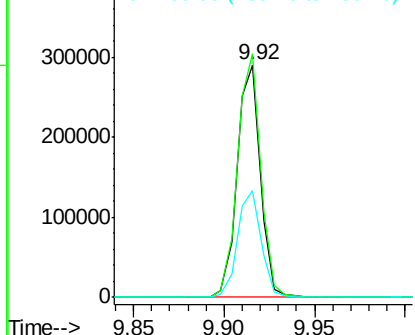
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 259211
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 46.1 38.3 57.5

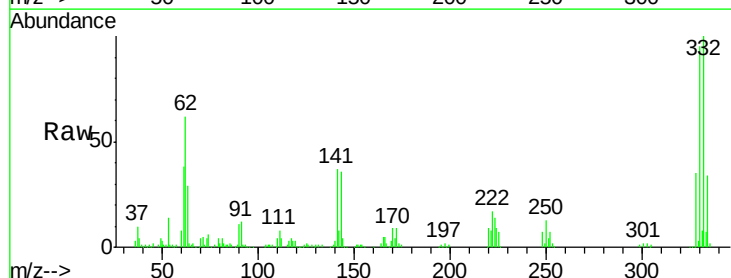


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

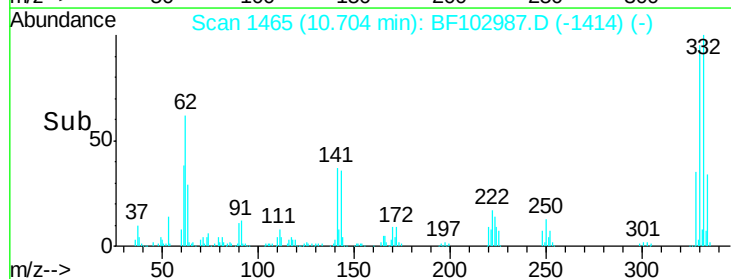
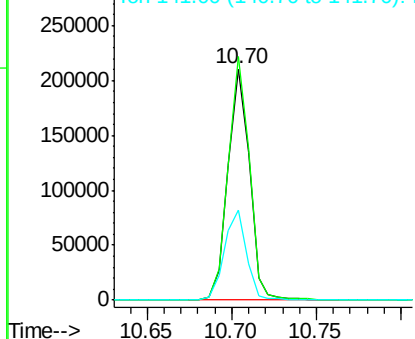


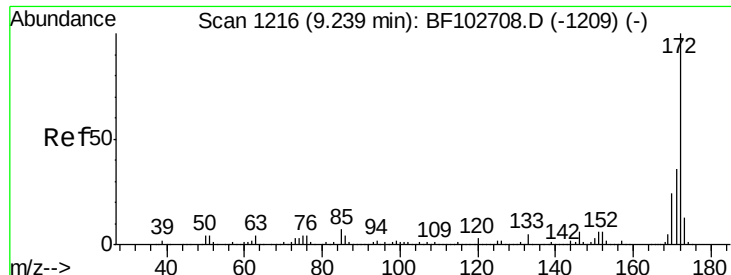
#41
2,4,6-Tribromophenol
Concen: 89.812 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:330 Resp: 187378
Ion Ratio Lower Upper
330 100
332 103.4 77.0 115.6
141 39.9 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

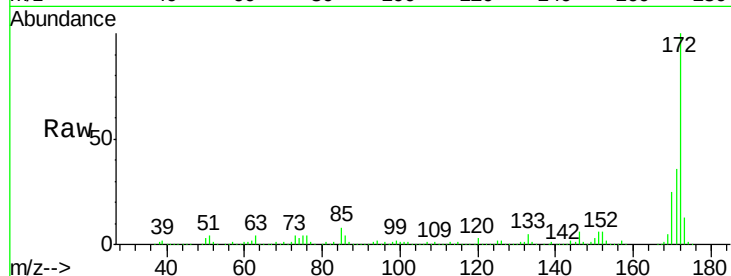




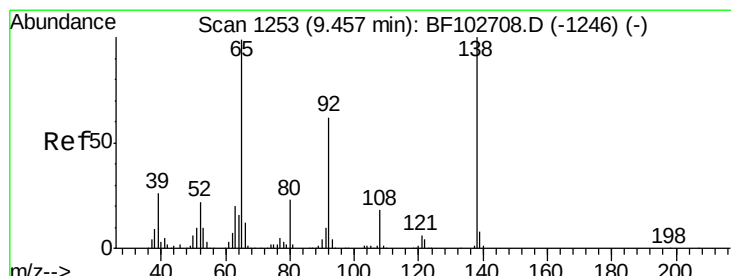
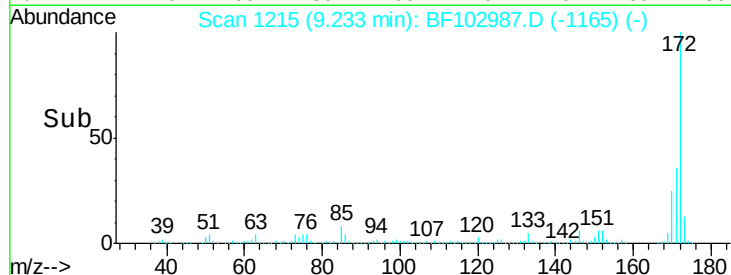
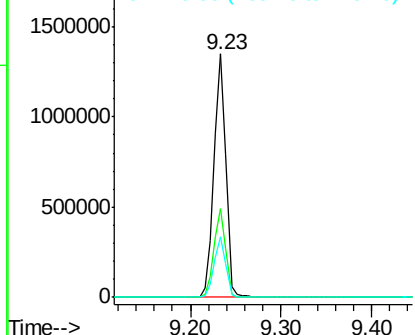
#44
2-Fluorobiphenyl
Concen: 79.829 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1247017
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.7 19.6 29.4

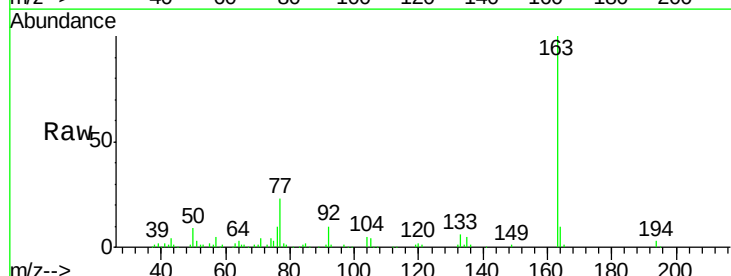


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

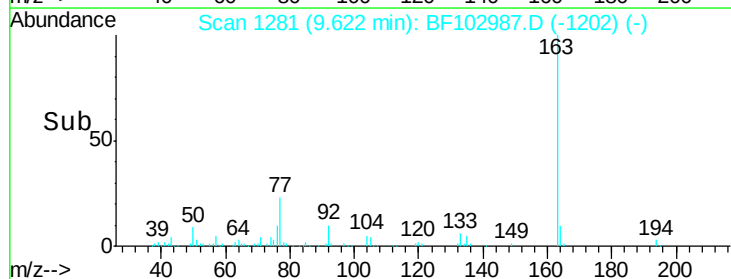
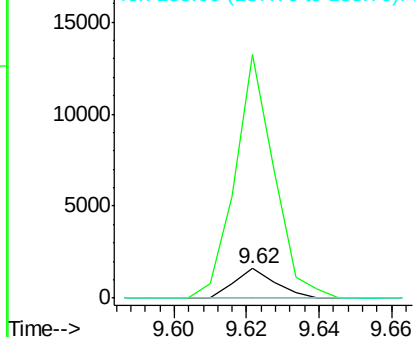


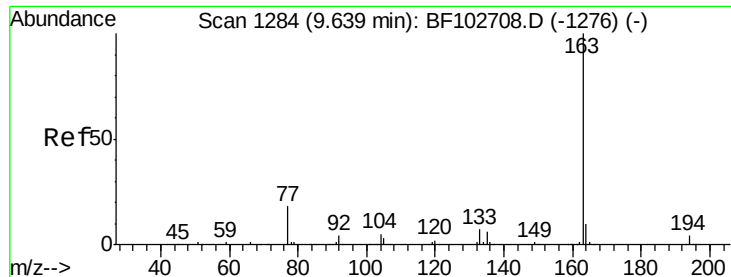
#47
2-Nitroaniline
Concen: 3.691 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.17 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion: 65 Resp: 1252
Ion Ratio Lower Upper
65 100
92 829.1 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

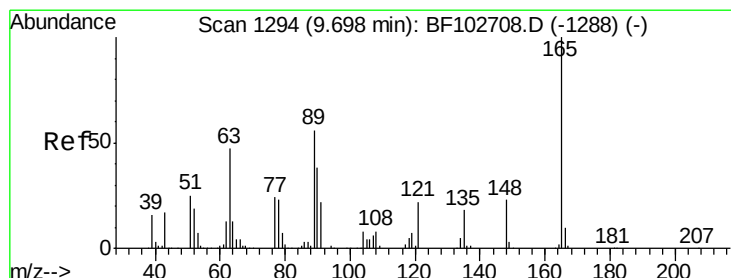
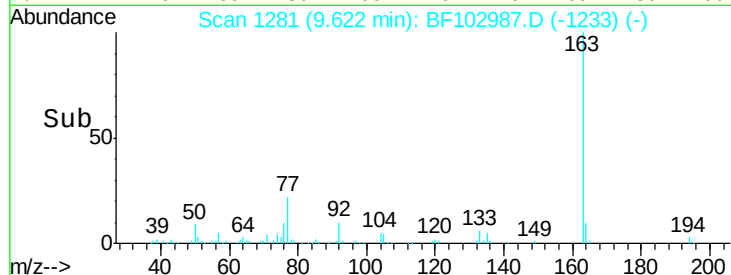
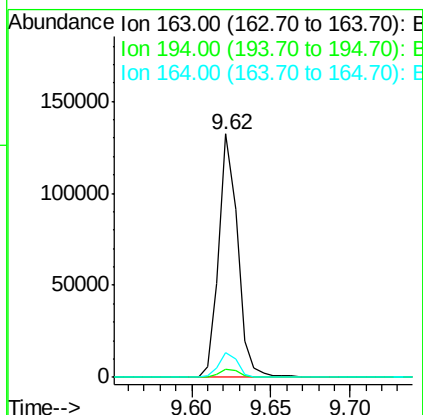
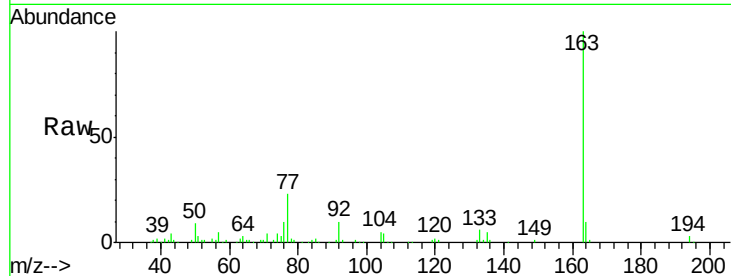




#49
Dimethylphthalate
Concen: 5.411 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

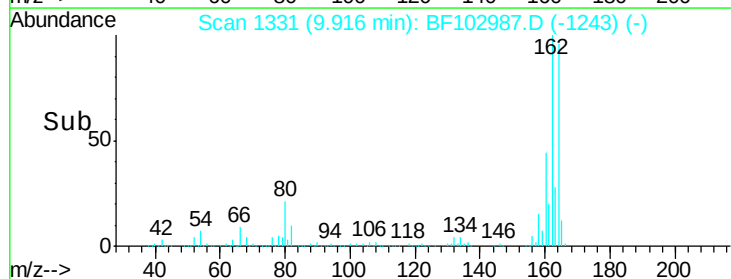
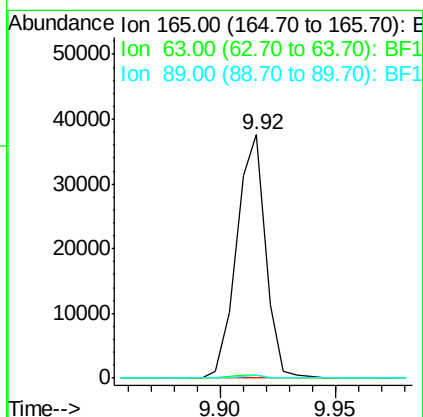
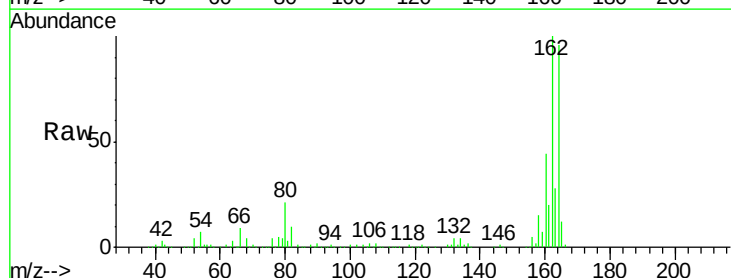
Instrument :
BNA_F
ClientSampleId :

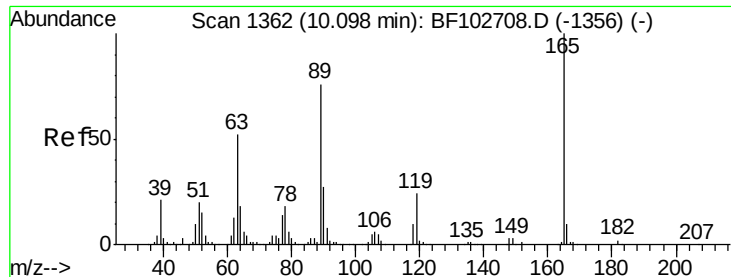
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#

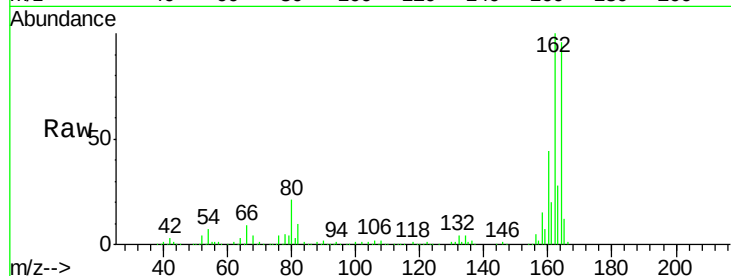




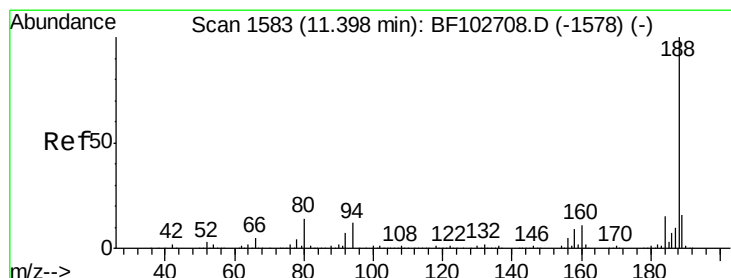
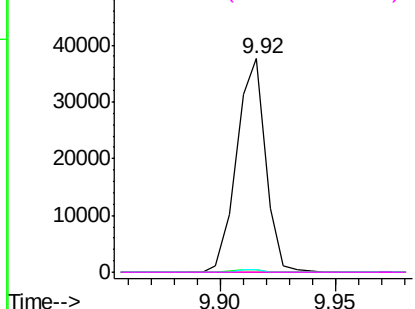
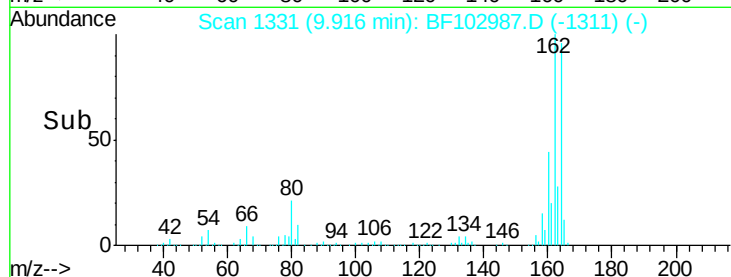
#56
 2,4-Dinitrotoluene
 Concen: 9.059 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF102987.D
 Acq: 14 Feb 2018 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 32967
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

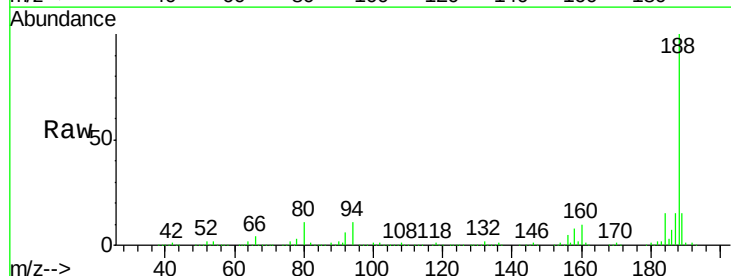


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

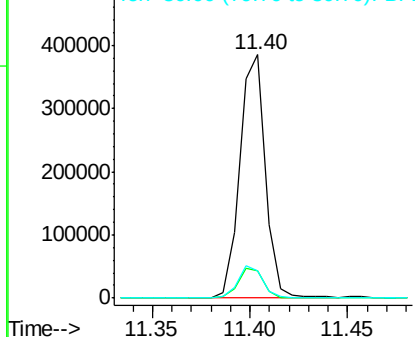
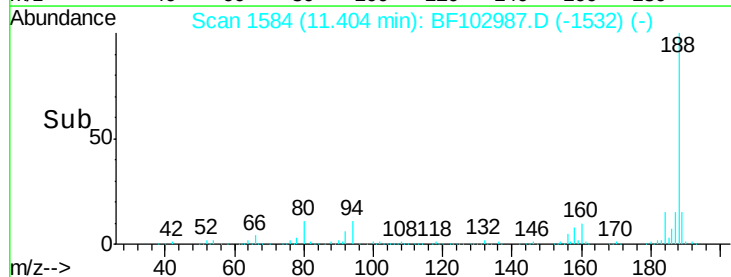


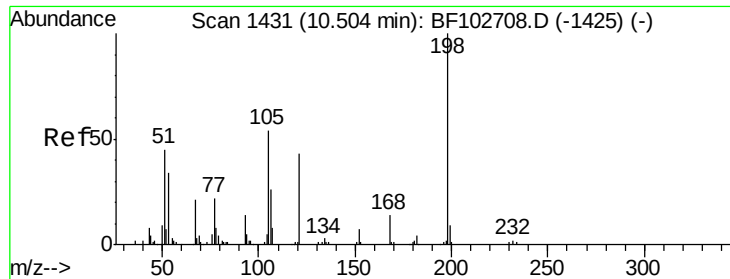
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF102987.D
 Acq: 14 Feb 2018 14:15

Tgt Ion:188 Resp: 349090
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.4 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

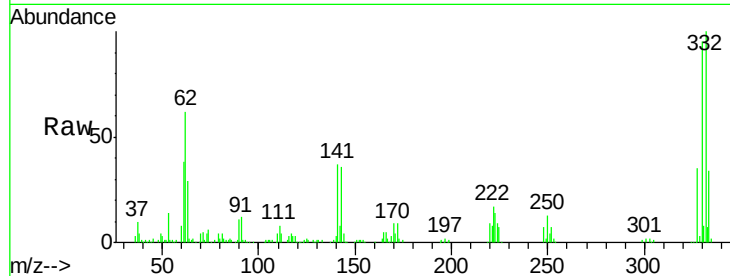




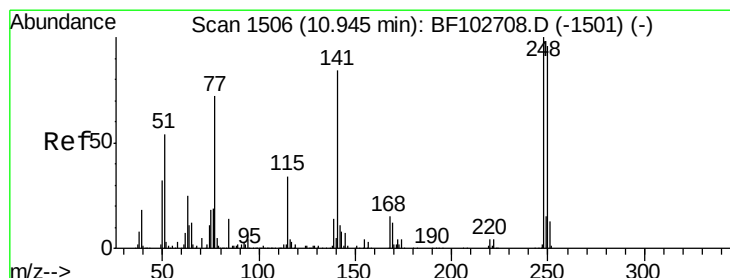
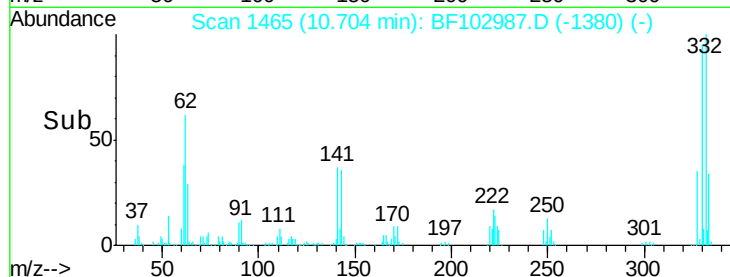
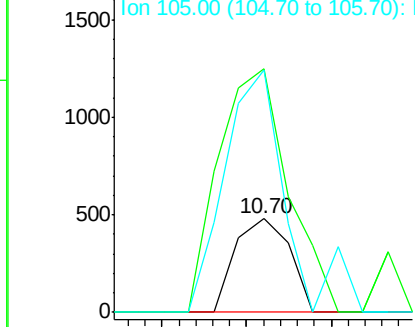
#64
4,6-Dinitro-2-methylphenol
Concen: 9.067 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 431
Ion Ratio Lower Upper
198 100
51 260.3 37.7 77.7#
105 258.7 36.3 76.3#

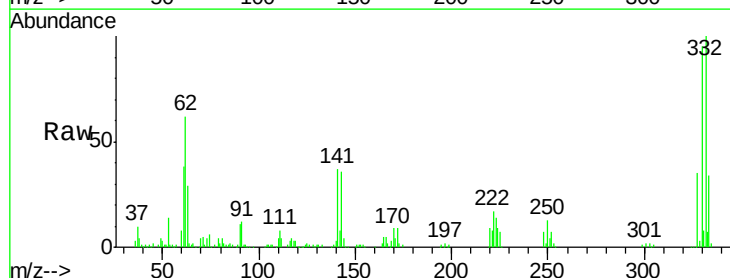


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

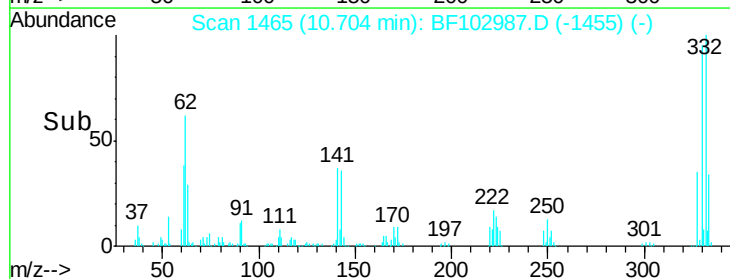
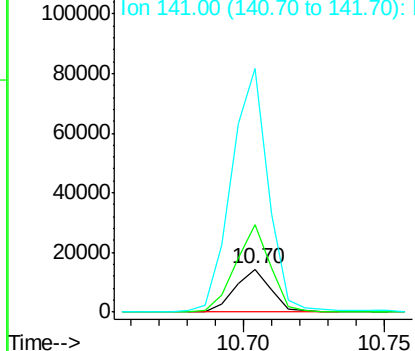


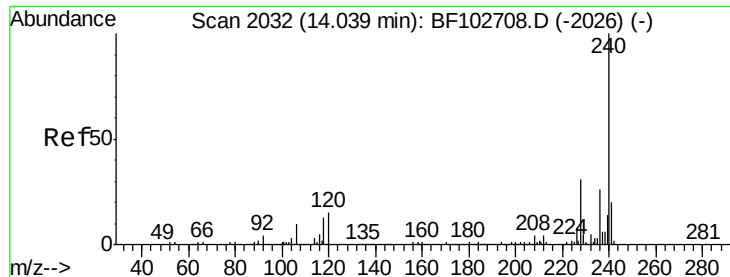
#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:248 Resp: 12611
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 563.8 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: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102987.D

Acq: 14 Feb 2018 14:15

Instrument :

BNA_F

ClientSampleId :

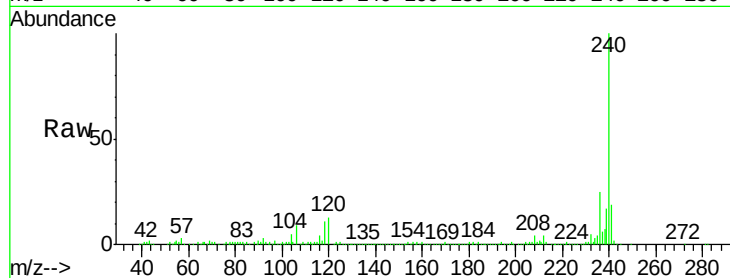
Tot Ion:240 Resp: 298635

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

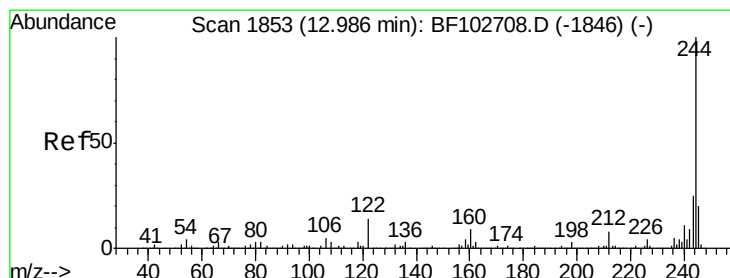
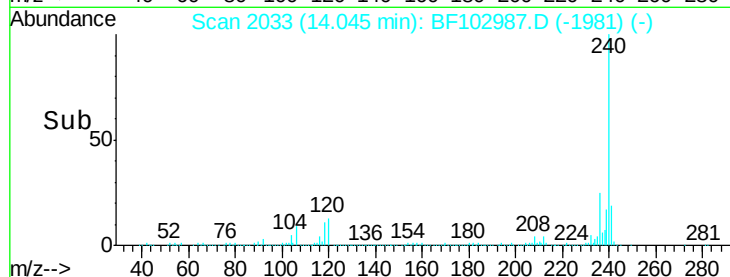
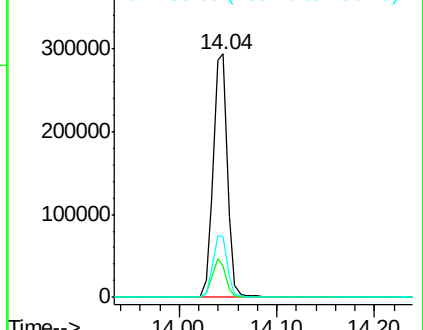
236 25.0 20.7 31.1



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: 66.447 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF102987.D

Acq: 14 Feb 2018 14:15

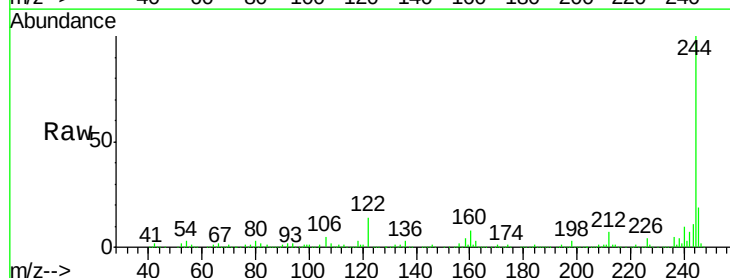
Tgt Ion:244 Resp: 838062

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

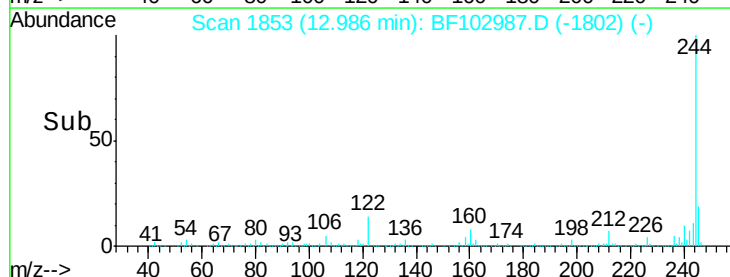
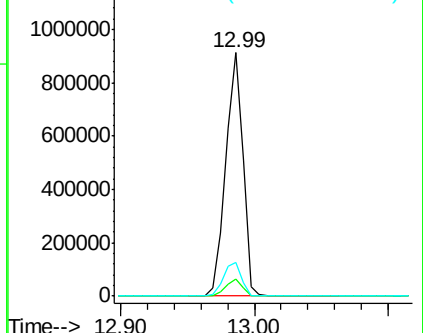
122 14.0 11.0 16.4

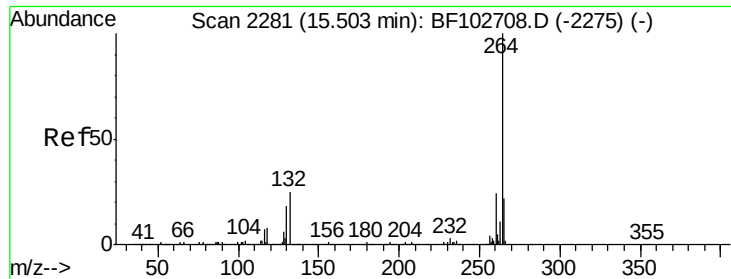


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	20.4	17.5	26.3

