

Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102811.D
 Acq On : 7 Feb 2018 13:20
 Operator : SJ/JU
 Sample : J1458-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:31:33 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 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	194290	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	810858	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	373508	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	651999	20.00	ng	0.00
75) Chrysene-d12	14.04	240	500683	20.00	ng	0.00
86) Perylene-d12	15.52	264	399264	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1322768	103.39	ng	0.01
7) Phenol-d6	6.51	99	1578828	102.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1005364	86.01	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	343018	114.10	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1509135	67.05	ng	0.00
78) Terphenyl-d14	12.99	244	1413414	66.84	ng	0.00

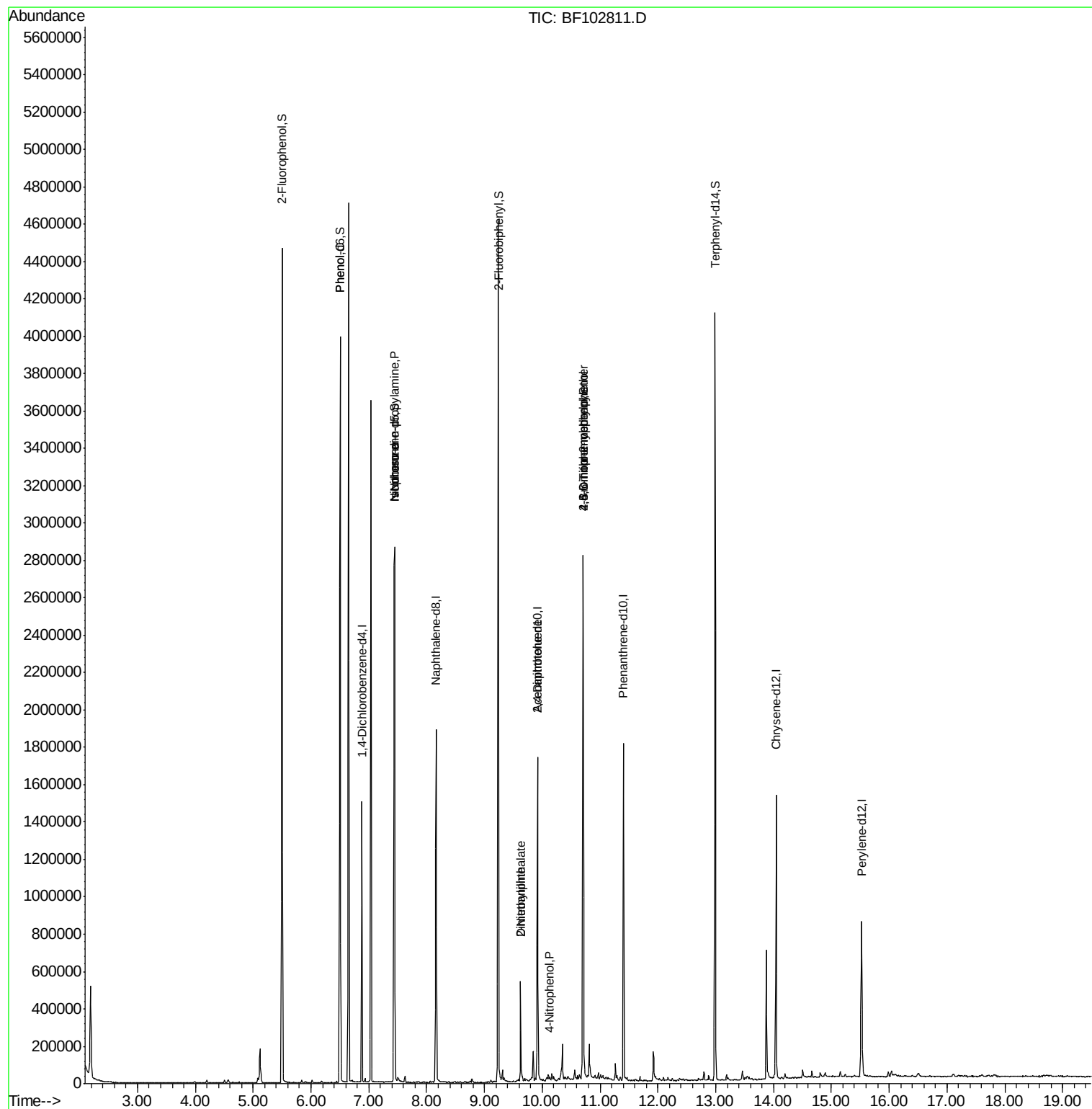
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	44624	2.703	ng	89
19) n-Nitroso-di-n-propylamine	7.45	70	132552	13.051	ng	# 81
25) Isophorone	7.45	82	1005351	37.352	ng	# 64
47) 2-Nitroaniline	9.63	65	2021	3.718	ng	# 1
49) Dimethylphthalate	9.63	163	190998	6.558	ng	99
55) 4-Nitrophenol	10.12	139	114	4.043	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	46747	8.963	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	975	9.125	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	23185	3.362	ng	# 1

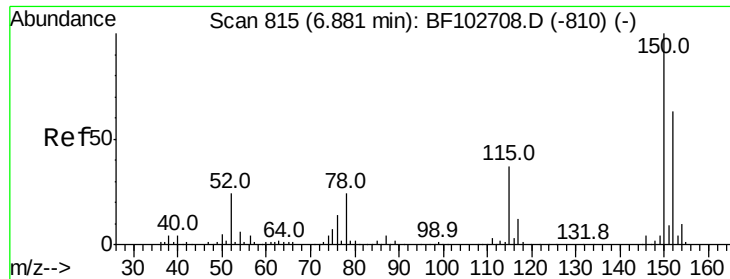
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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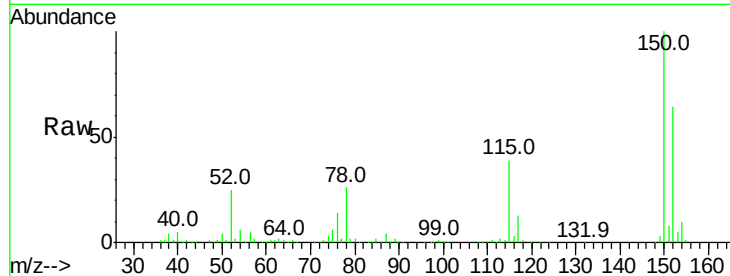


#1

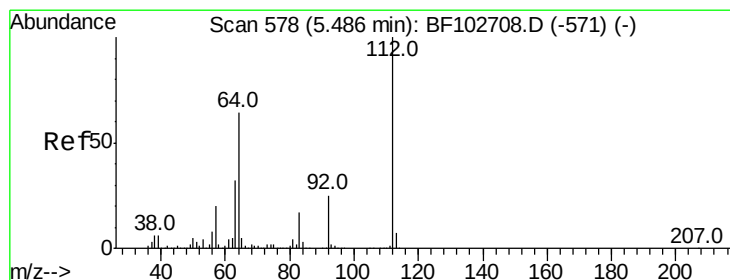
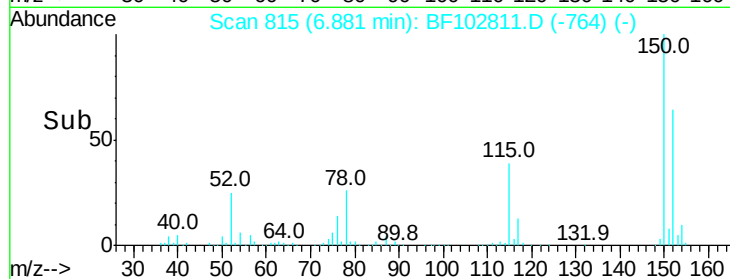
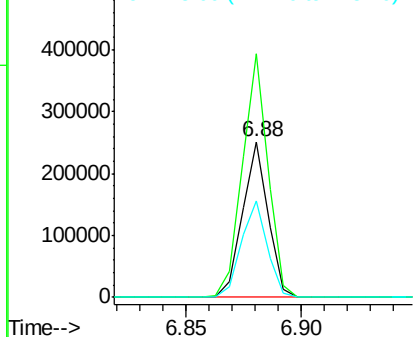
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 194290
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.9 50.1 75.1



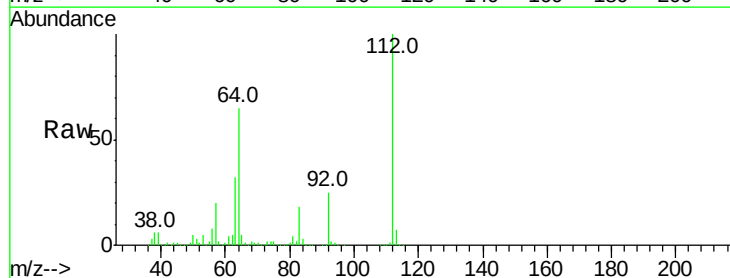
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



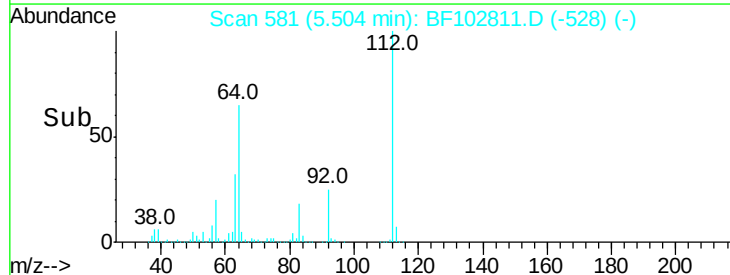
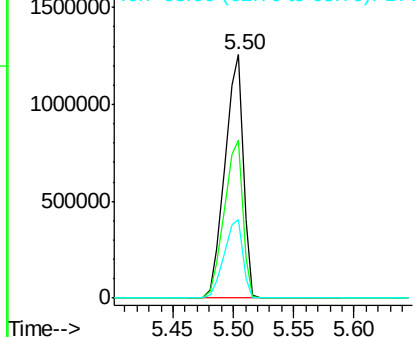
#5

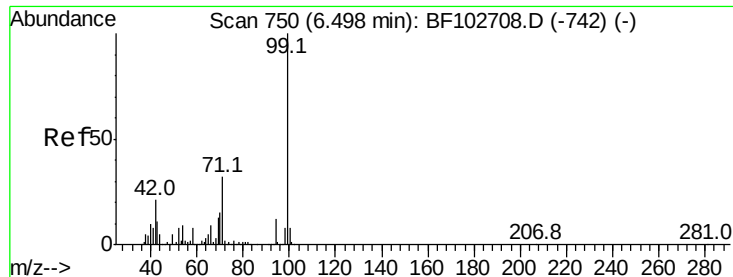
2-Fluorophenol
Concen: 103.394 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion:112 Resp: 1322768
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 32.4 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: 102.493 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

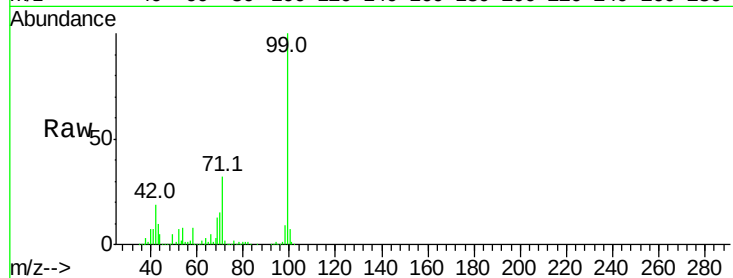
Tot Ion: 99 Resp: 1578828

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

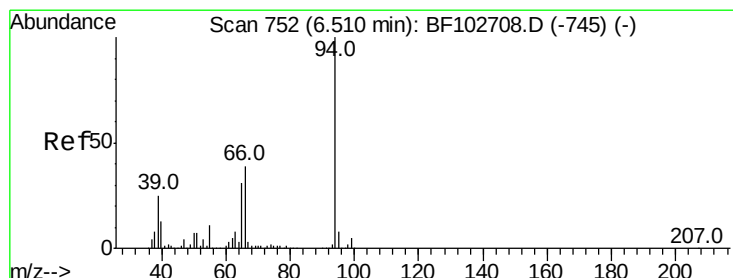
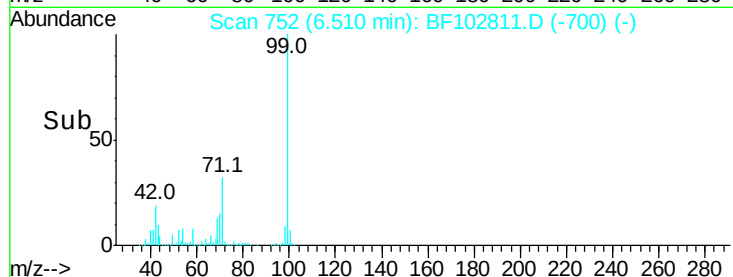
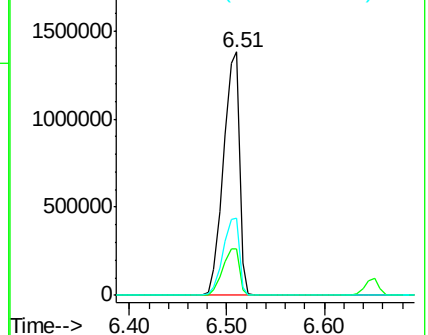
71 31.8 25.4 38.0



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: 2.703 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

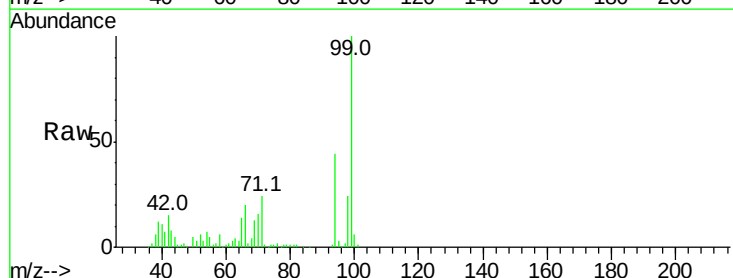
Tgt Ion: 94 Resp: 44624

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

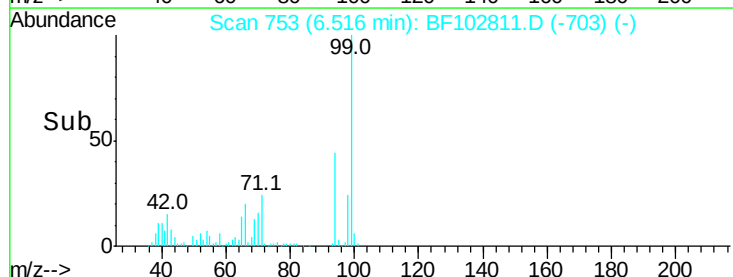
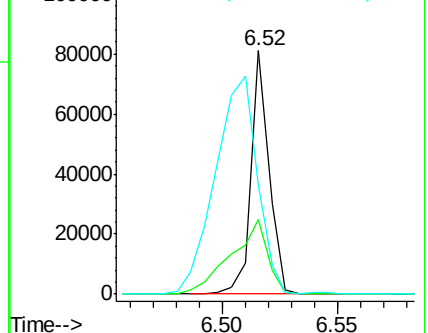
66 44.8 16.2 56.2

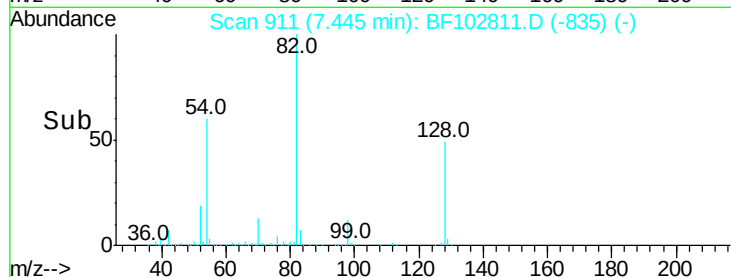
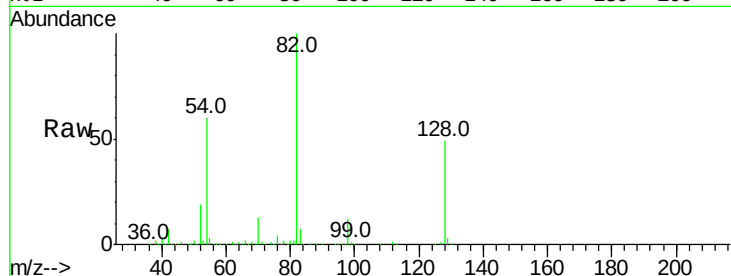
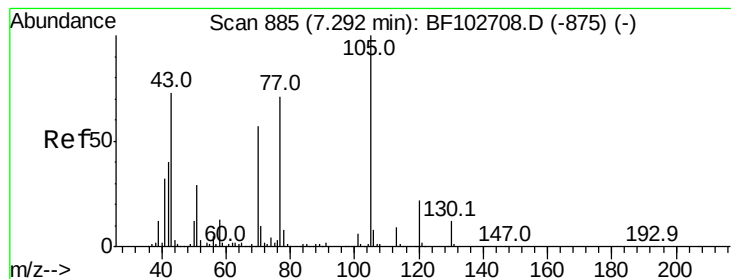


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 13.051 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132552

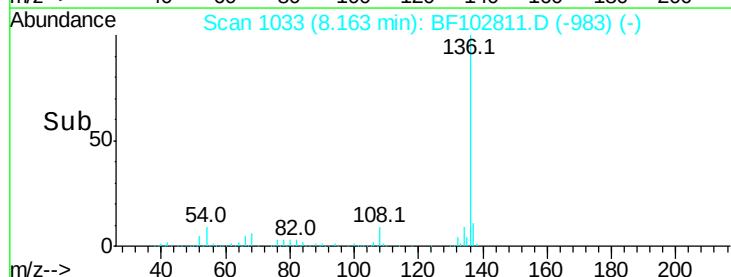
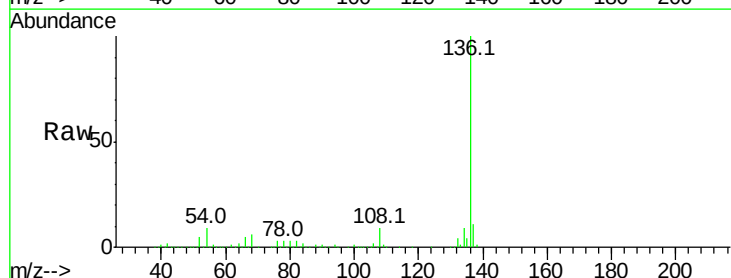
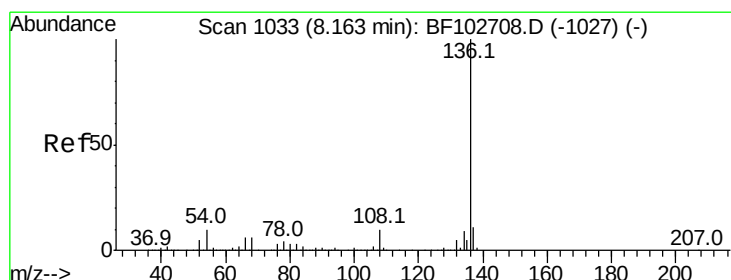
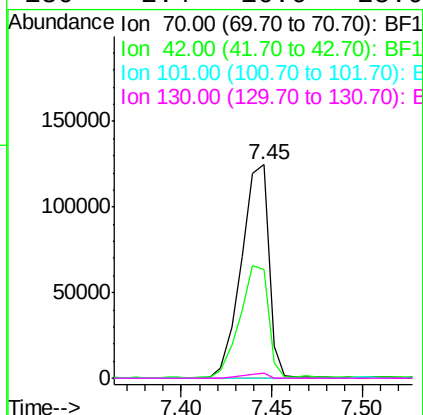
Ion Ratio Lower Upper

70 100

42 50.8 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Tgt Ion:136 Resp: 810858

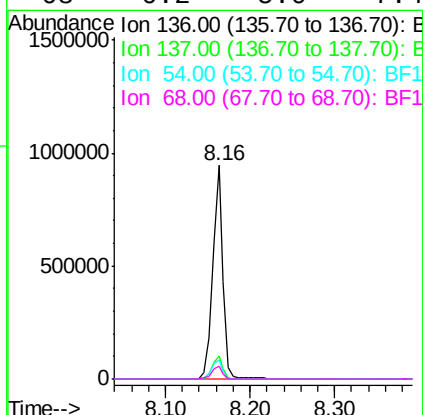
Ion Ratio Lower Upper

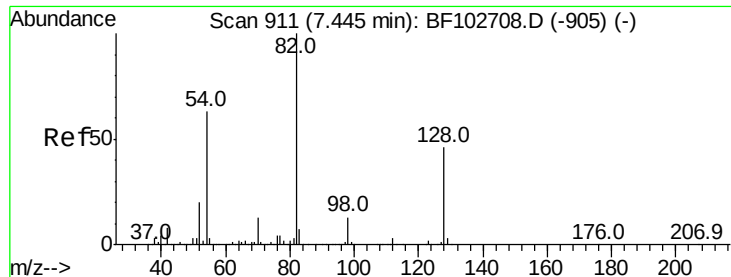
136 100

137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.011 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

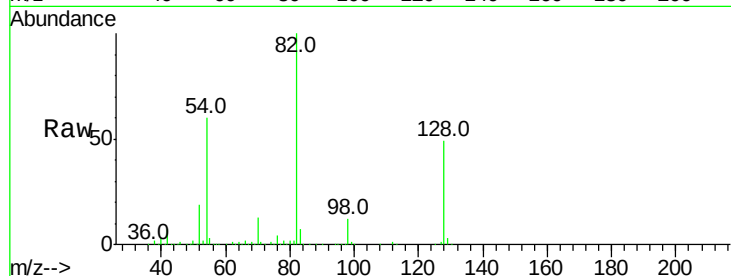
Tot Ion: 82 Resp: 1005364

Ion Ratio Lower Upper

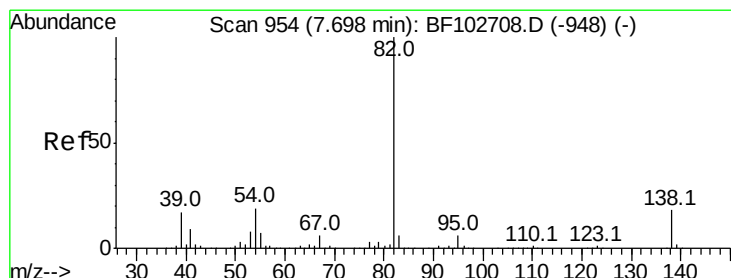
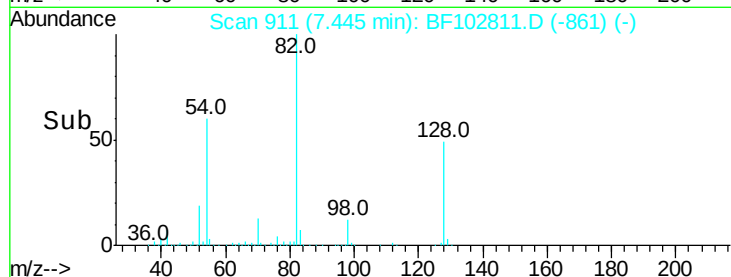
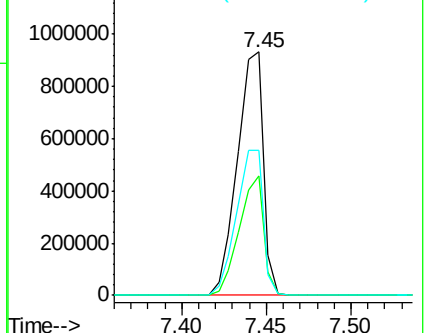
82 100

128 49.0 36.1 54.1

54 59.7 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: 37.352 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

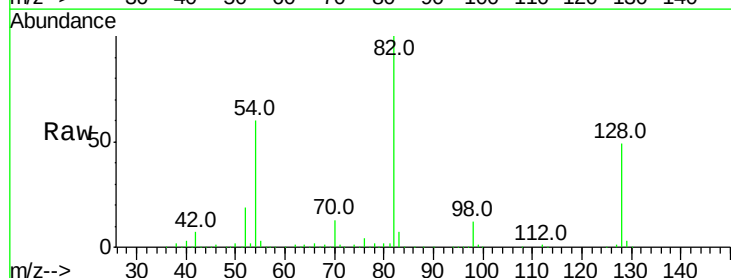
Tgt Ion: 82 Resp: 1005351

Ion Ratio Lower Upper

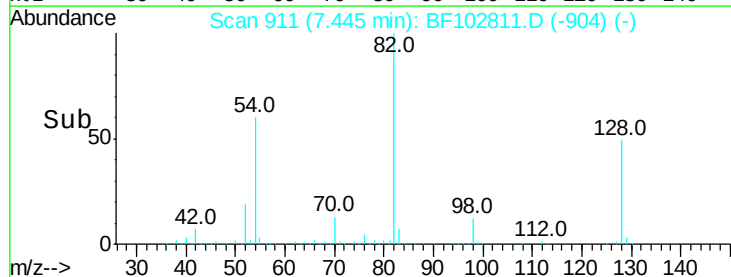
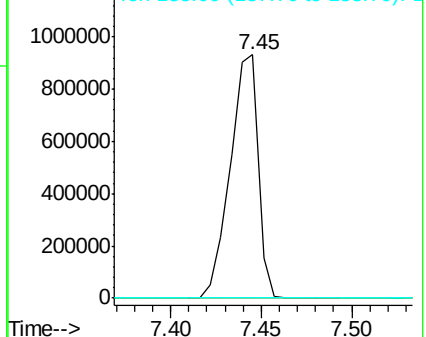
82 100

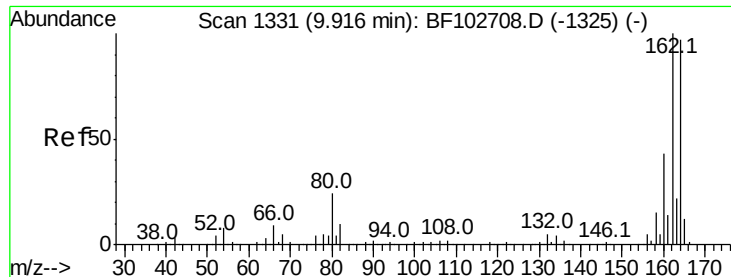
95 0.0 5.2 7.8#

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

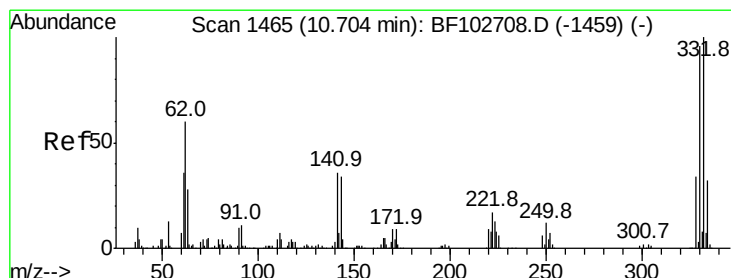
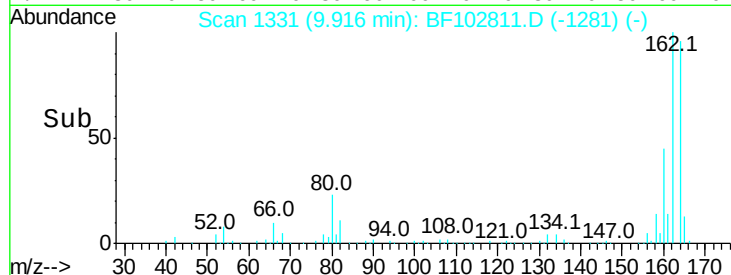
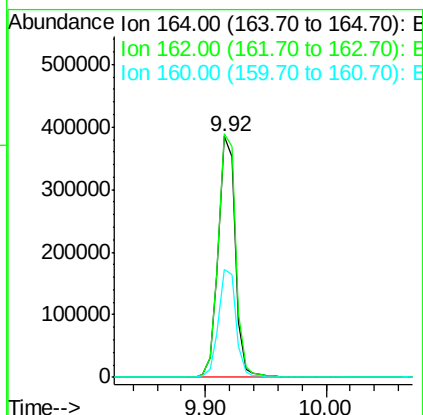
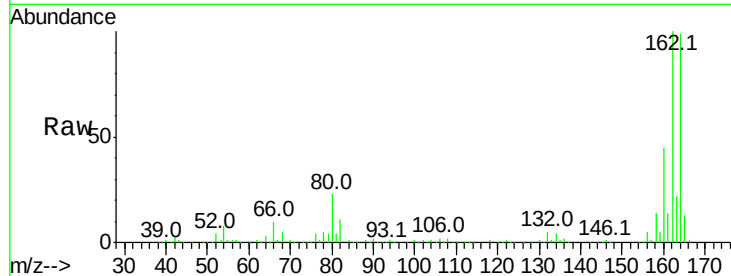




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

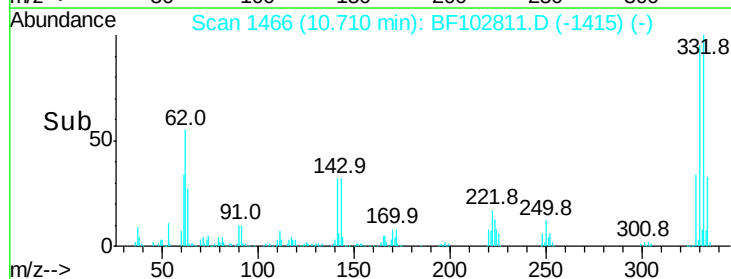
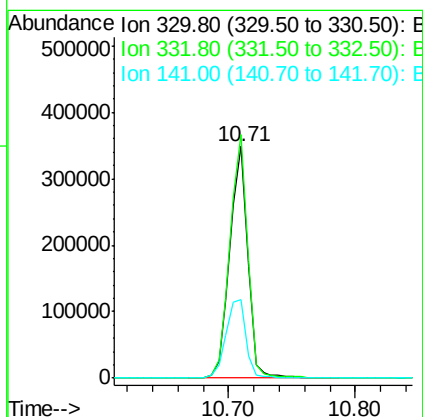
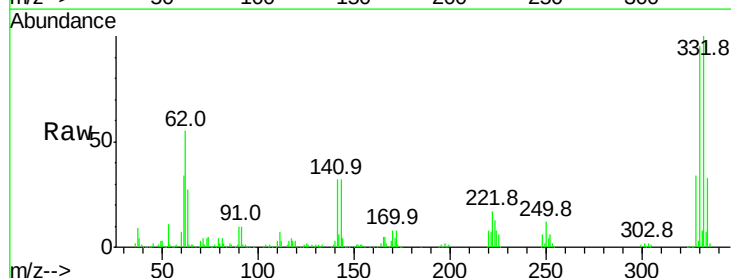
Instrument :
BNA_F
ClientSampleId :

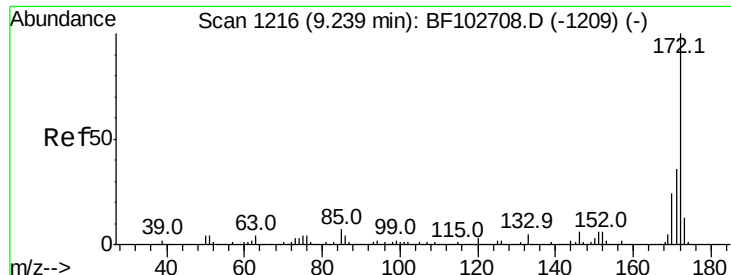
Tot Ion:164 Resp: 373508
Ion Ratio Lower Upper
164 100
162 101.2 86.1 129.1
160 45.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 114.100 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion:330 Resp: 343018
Ion Ratio Lower Upper
330 100
332 104.9 77.0 115.6
141 38.0 29.9 44.9



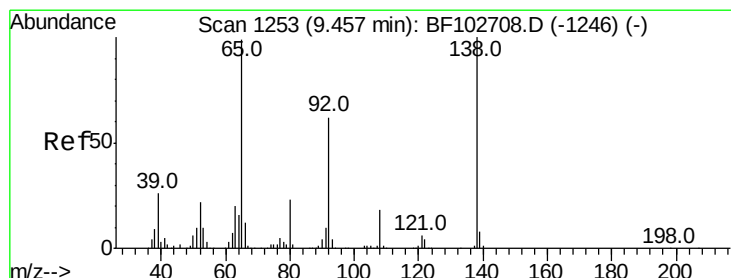
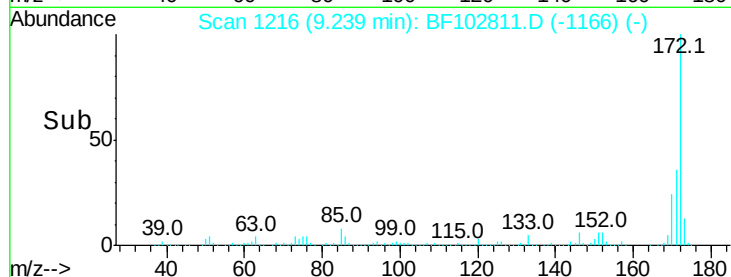
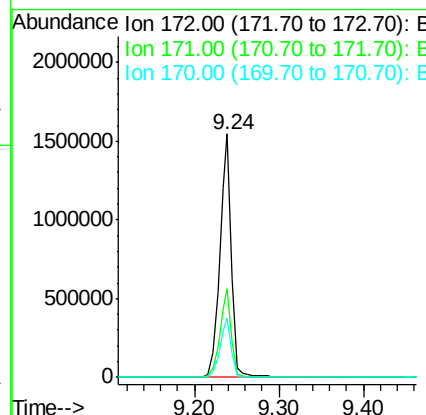
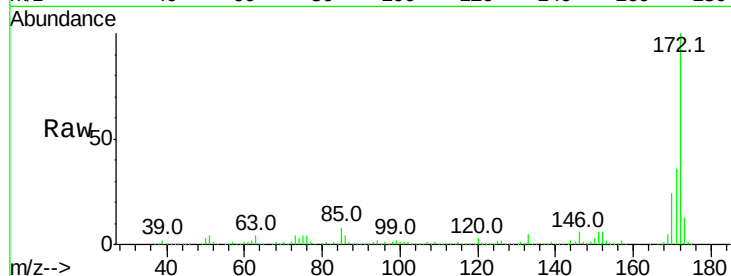


#44
 2-Fluorobiphenyl
 Concen: 67.045 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1509135

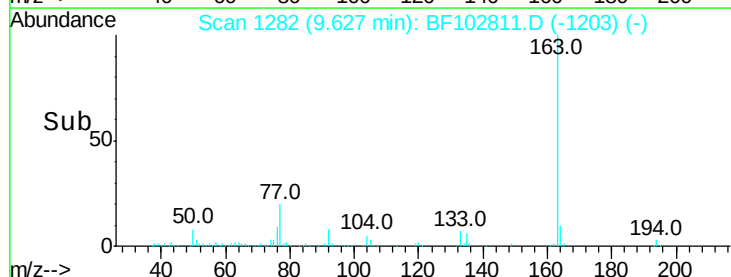
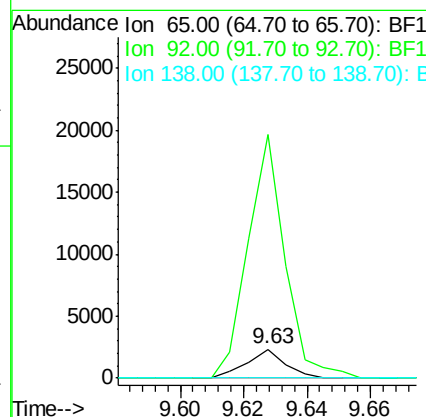
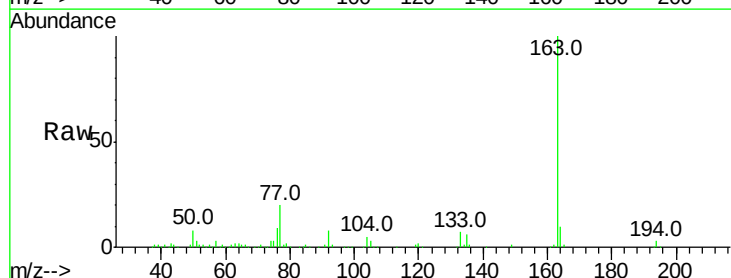
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

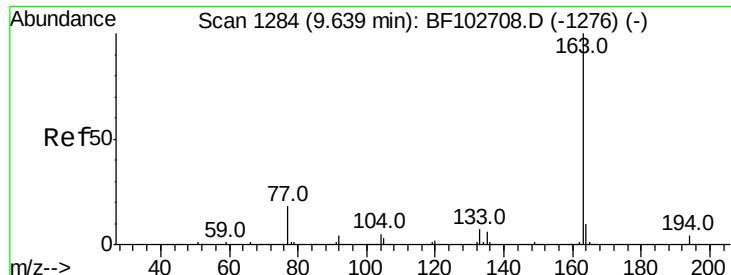


#47
 2-Nitroaniline
 Concen: 3.718 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Tgt Ion: 65 Resp: 2021

Ion	Ratio	Lower	Upper
65	100		
92	840.0	55.8	83.6#
138	0.0	91.2	136.8#

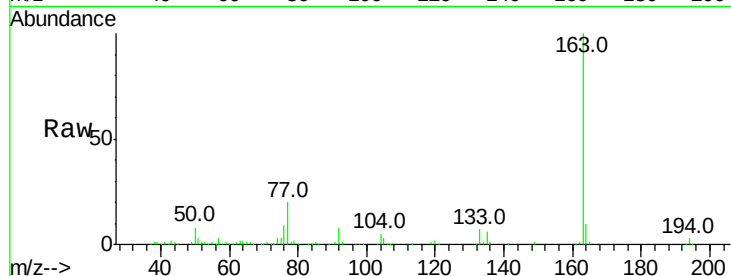




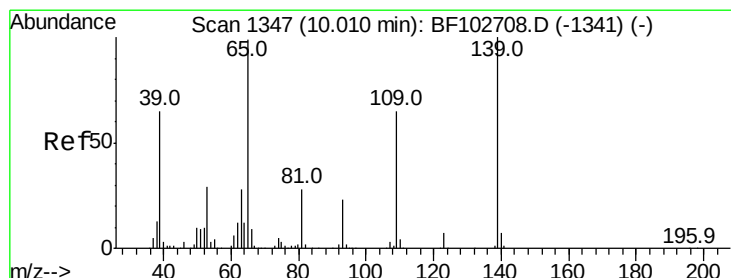
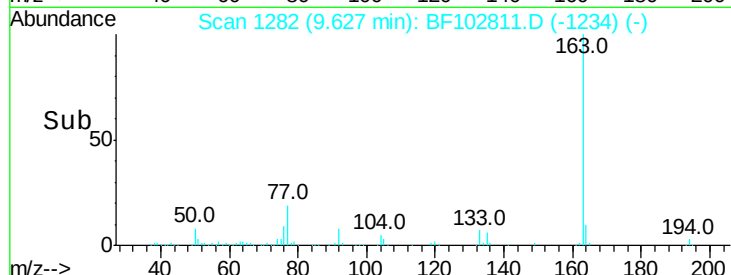
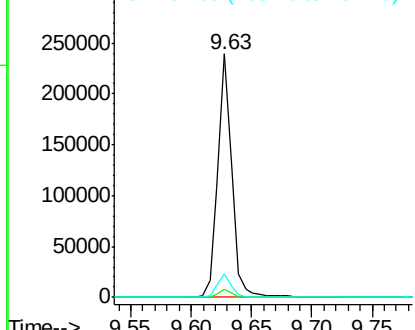
#49
Dimethylphthalate
Concen: 6.558 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 190998
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.6 8.2 12.2

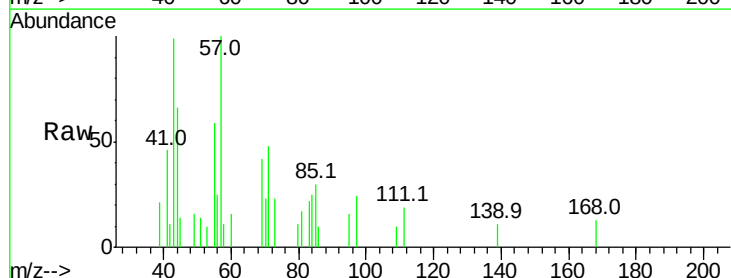


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

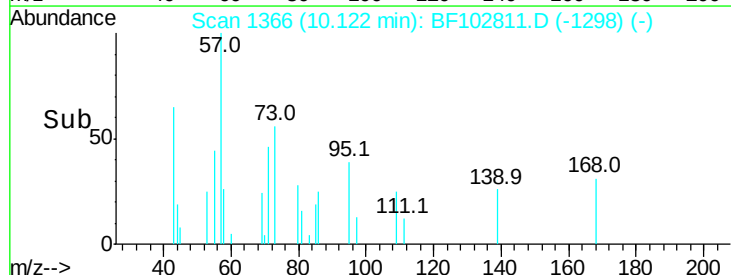
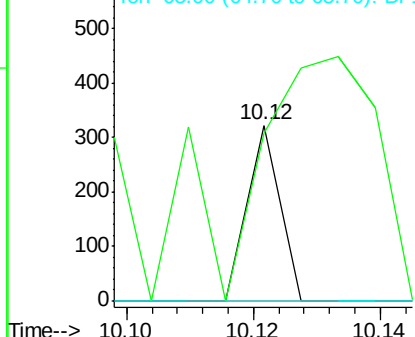


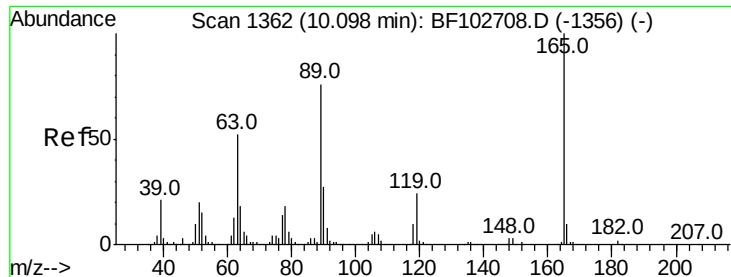
#55
4-Nitrophenol
Concen: 4.043 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.10 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Tgt Ion:139 Resp: 114
Ion Ratio Lower Upper
139 100
109 95.3 48.4 88.4#
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

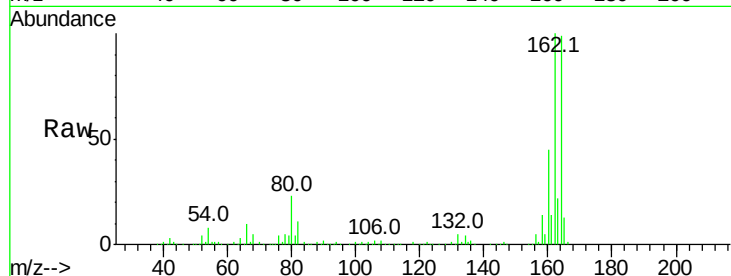




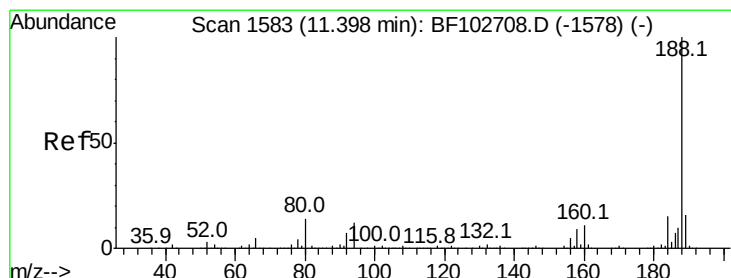
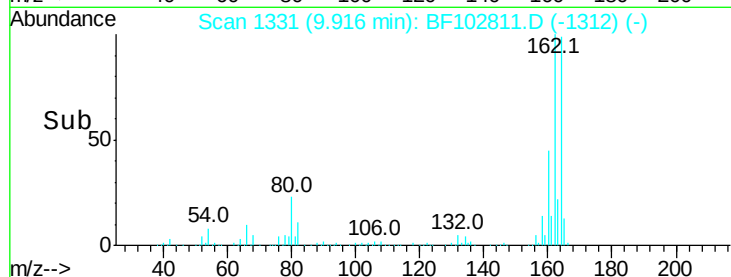
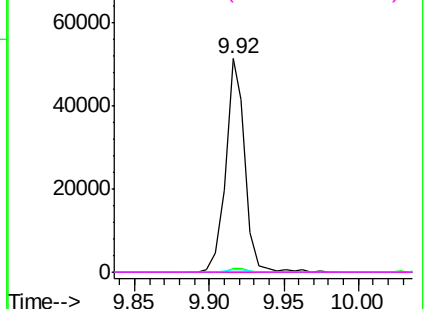
#56
 2,4-Dinitrotoluene
 Concen: 8.963 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	46747
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

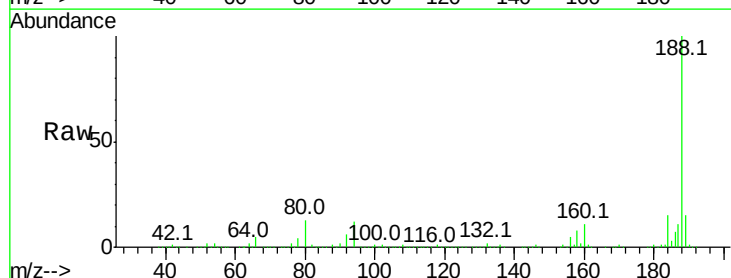


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

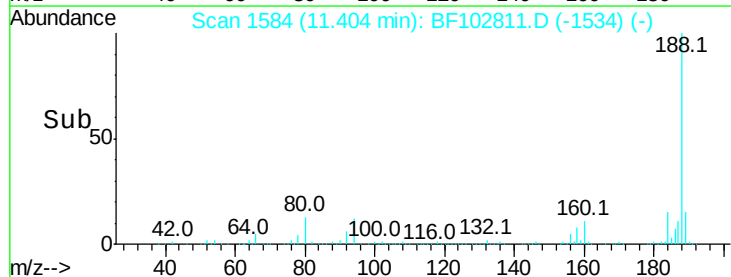
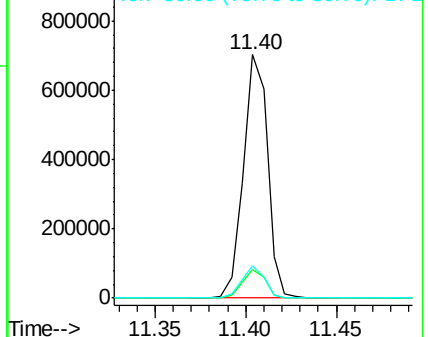


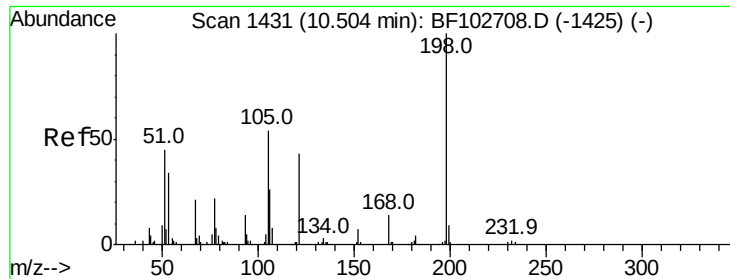
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102811.D
 Acq: 7 Feb 2018 13:20

Tgt Ion:	188	Resp:	651999
Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.2	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: 9.125 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampled :

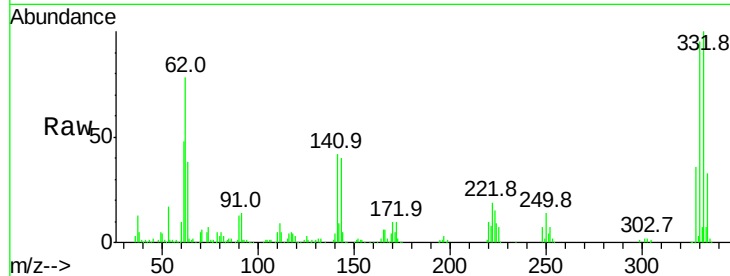
Tot Ion:198 Resp: 975

Ion Ratio Lower Upper

198 100

51 217.7 37.7 77.7#

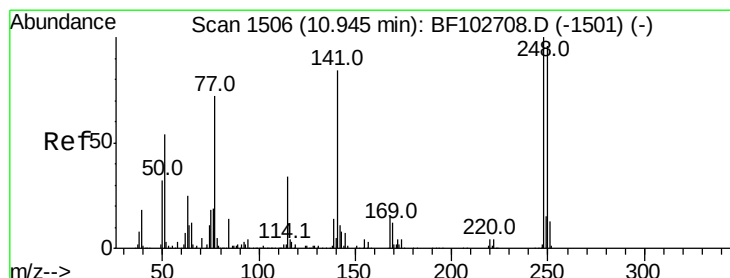
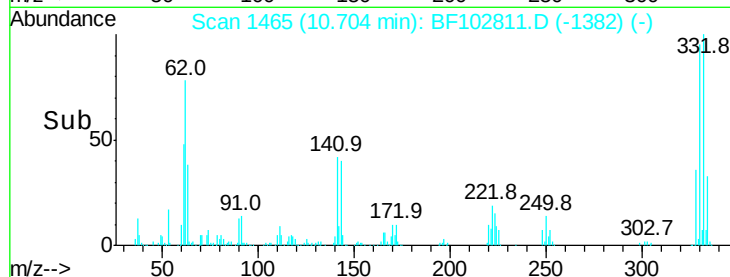
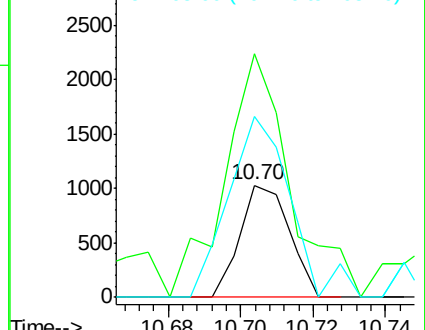
105 162.0 36.3 76.3#



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: 3.362 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

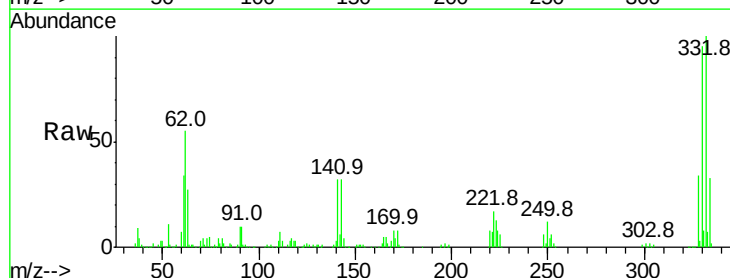
Tgt Ion:248 Resp: 23185

Ion Ratio Lower Upper

248 100

250 198.5 76.9 115.3#

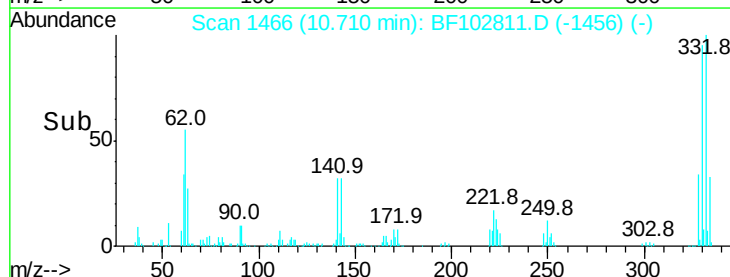
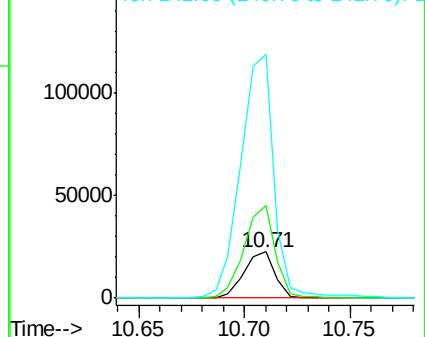
141 524.2 74.4 111.6#

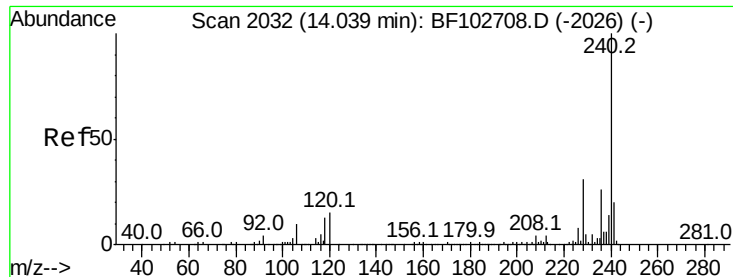


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

Instrument :

BNA_F

ClientSampleId :

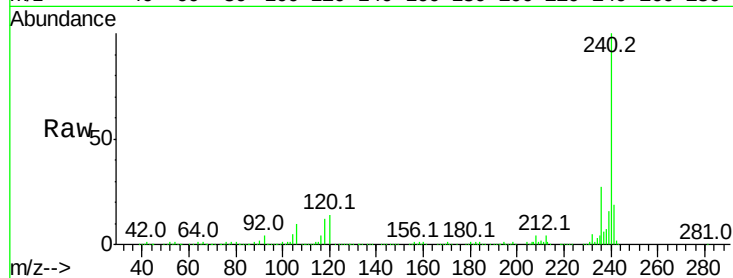
Tot Ion:240 Resp: 500683

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

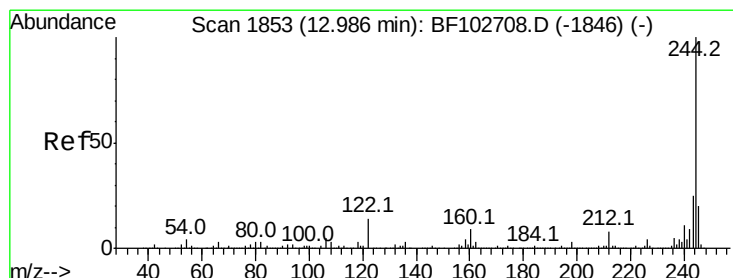
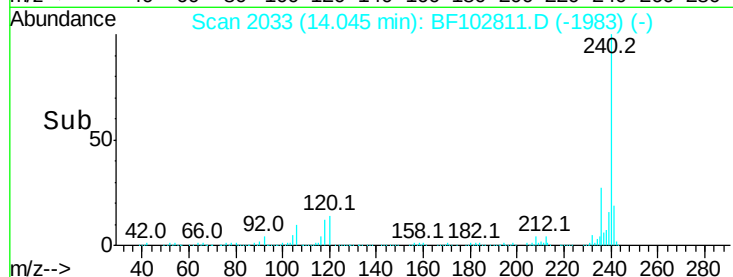
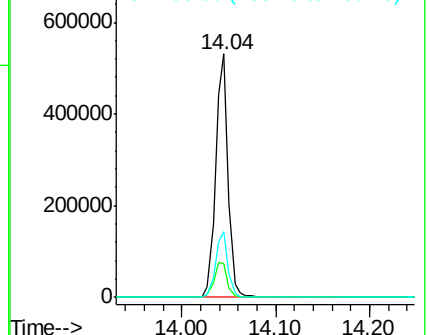
236 26.9 20.7 31.1



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: 66.842 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102811.D

Acq: 7 Feb 2018 13:20

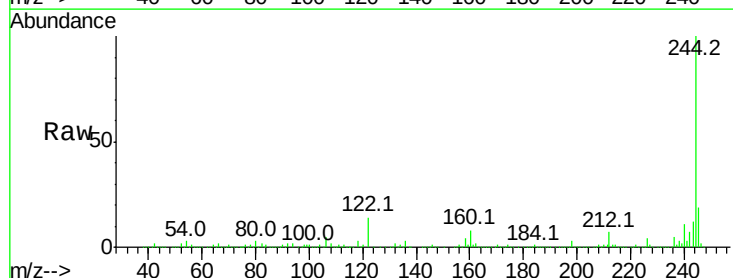
Tgt Ion:244 Resp: 1413414

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

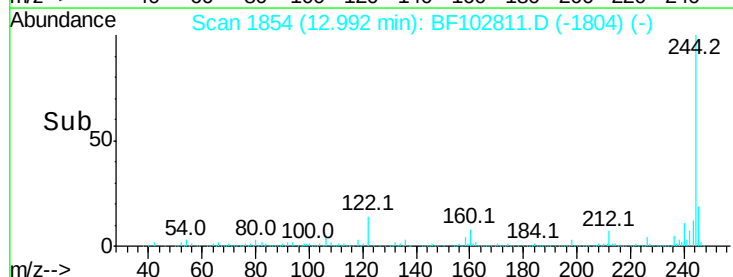
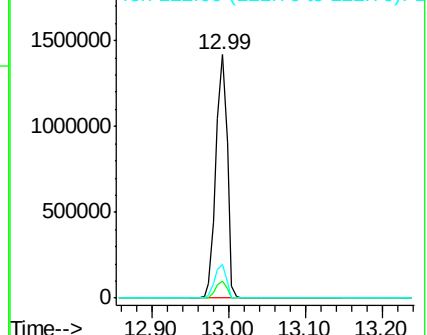
122 14.1 11.0 16.4

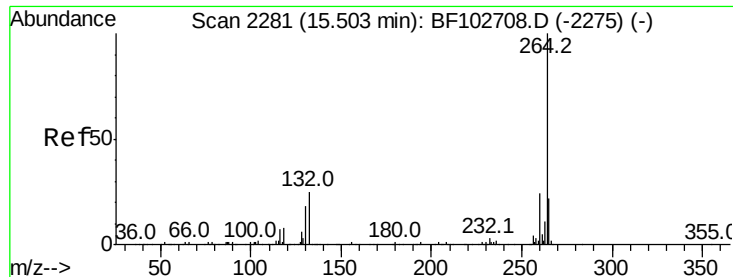


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102811.D
Acq: 7 Feb 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.2	17.5	26.3

