

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103218.D
 Acq On : 26 Feb 2018 15:00
 Operator : SJ/JU
 Sample : J1654-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 16:11:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151538	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	606484	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	236305	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	326201	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283458	20.00	ng	0.00
86) Perylene-d12	15.54	264	294159	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1199289	119.70	ng	0.01
7) Phenol-d6	6.50	99	1406579	114.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	911668	85.85	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	202038	101.01	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1204240	88.68	ng	0.00
78) Terphenyl-d14	12.98	244	771189	65.40	ng	0.00

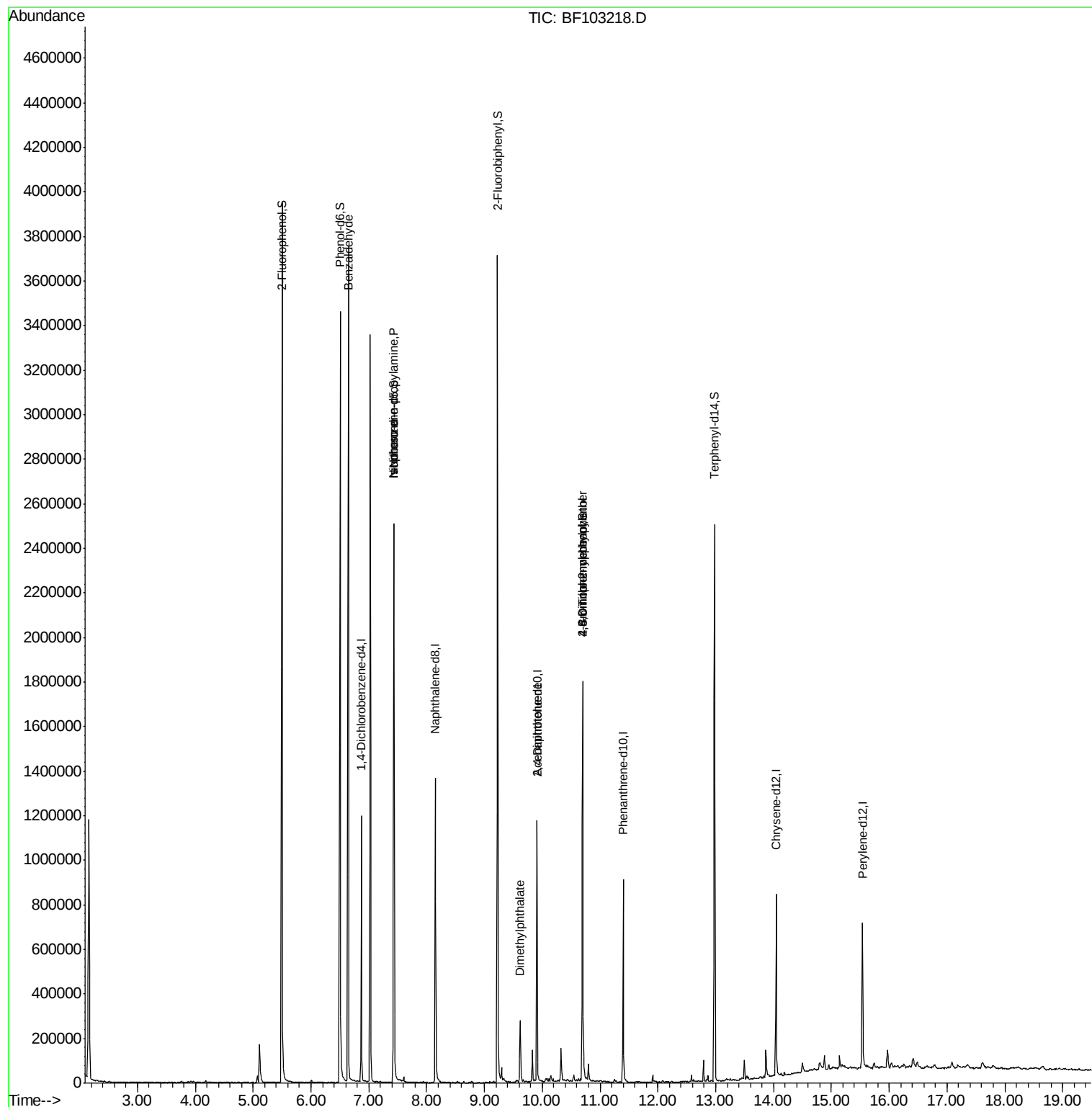
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	24154	2.070	ng	82
19) n-Nitroso-di-n-propylamine	7.43	70	122055	15.996	ng	# 81
25) Isophorone	7.43	82	911660	43.587	ng	# 64
49) Dimethylphthalate	9.62	163	112897	5.955	ng	99
56) 2,4-Dinitrotoluene	9.91	165	30049	5.972	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	448	5.148	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13397	3.943	ng	# 1

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

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Data File : BF103218.D
Acq On : 26 Feb 2018 15:00
Operator : SJ/JU
Sample : J1654-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 26 16:11:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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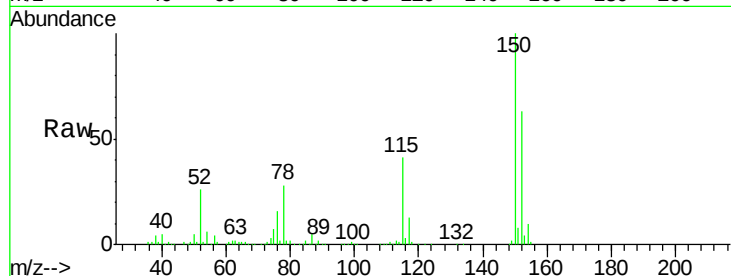


#1

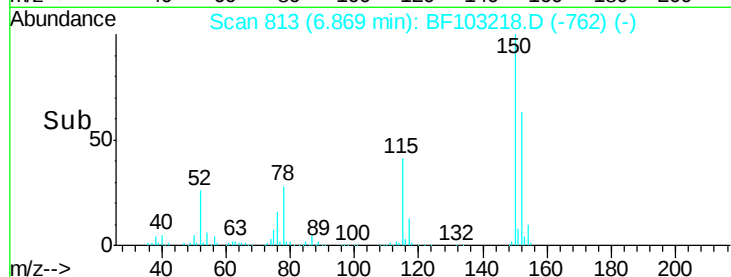
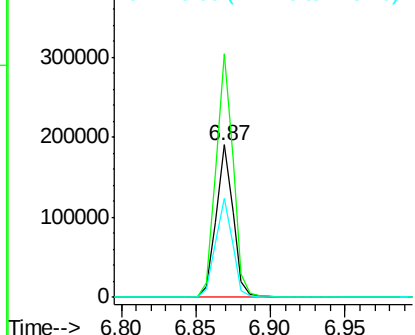
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151538
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 65.1 50.1 75.1



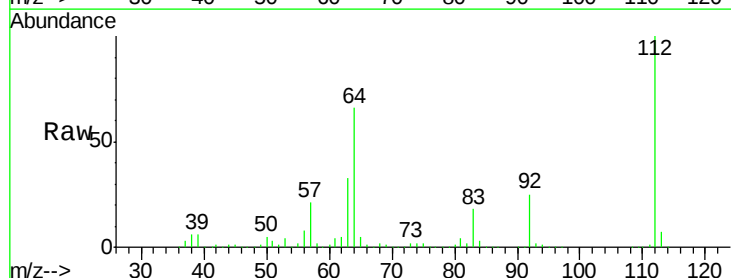
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



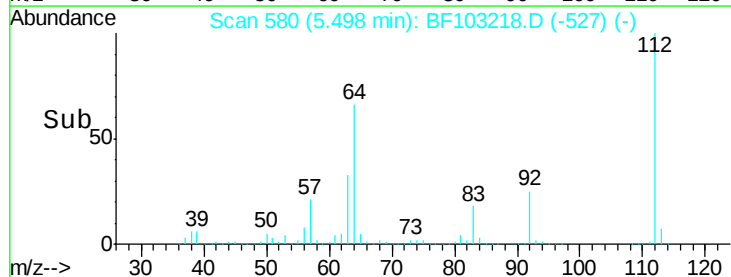
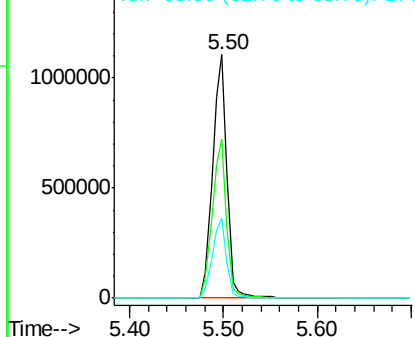
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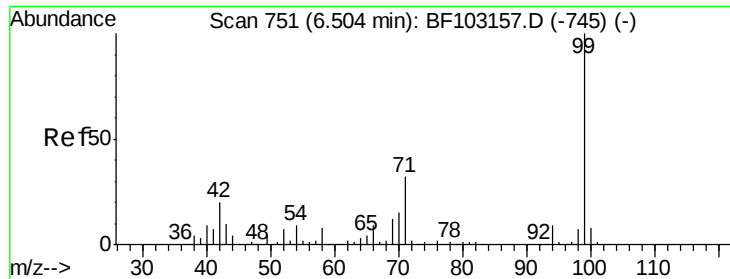
2-Fluorophenol
Concen: 119.695 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion:112 Resp: 1199289
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 32.5 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: 114.726 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

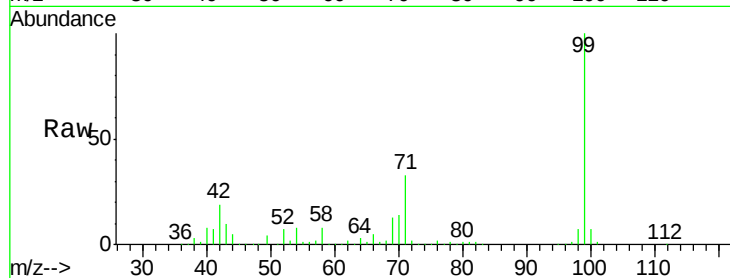
Tot Ion: 99 Resp: 1406579

Ion Ratio Lower Upper

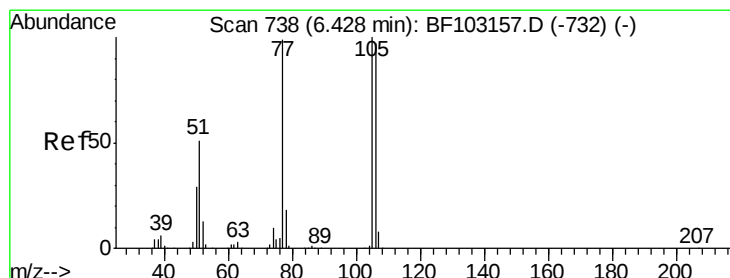
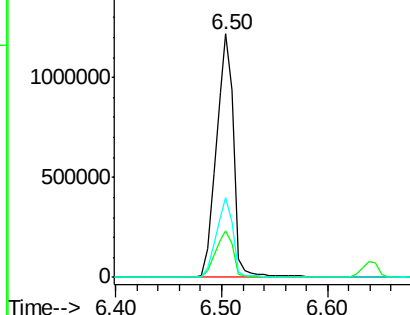
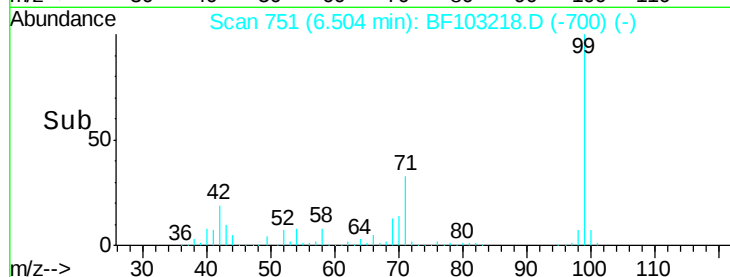
99 100

42 19.2 14.5 21.7

71 32.5 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: 2.070 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.22 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

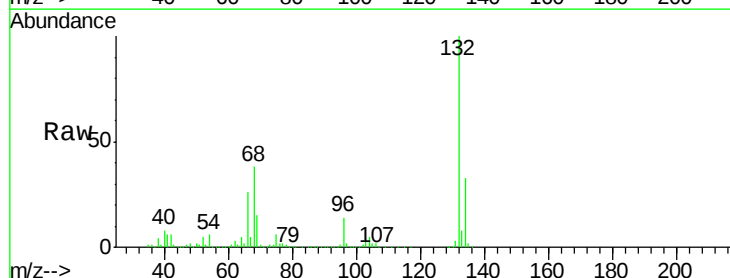
Tgt Ion: 77 Resp: 24154

Ion Ratio Lower Upper

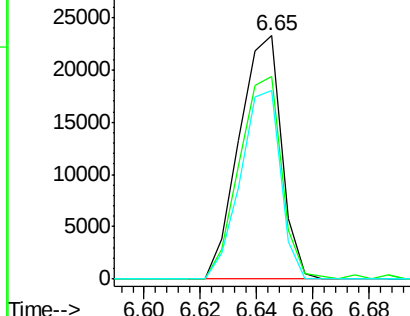
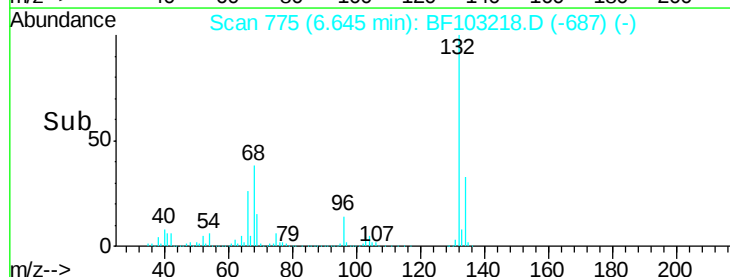
77 100

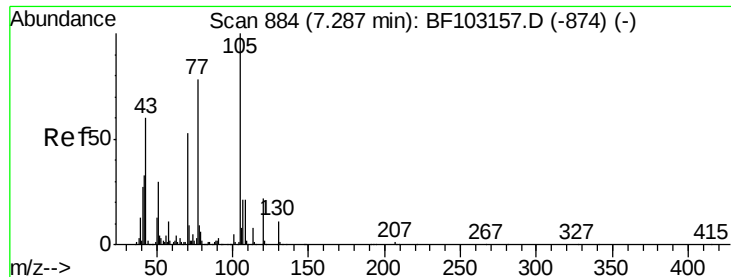
105 83.1 81.1 121.1

106 77.5 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

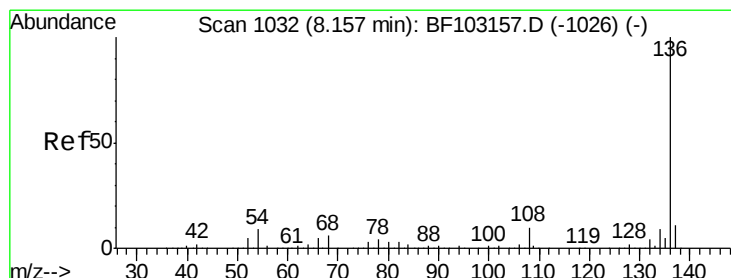
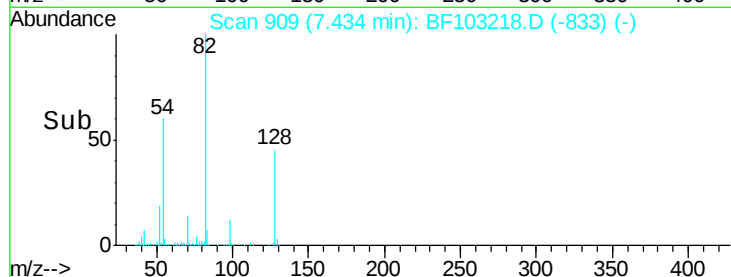
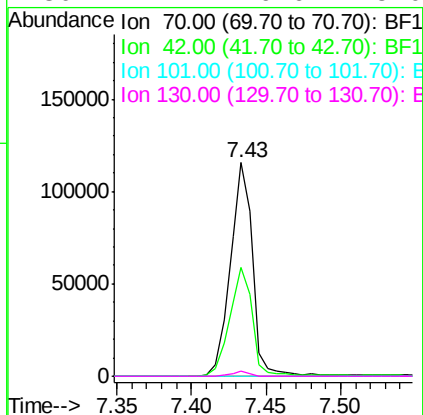
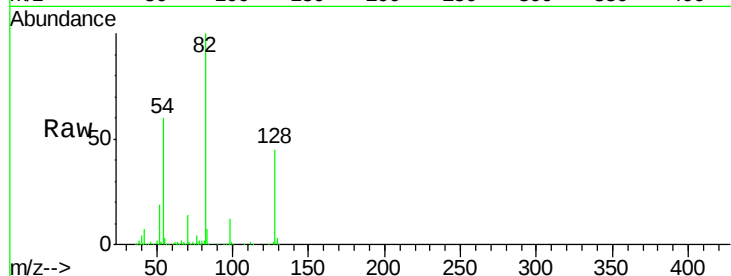




#19
n-Nitroso-di-n-propylamine
Concen: 15.996 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

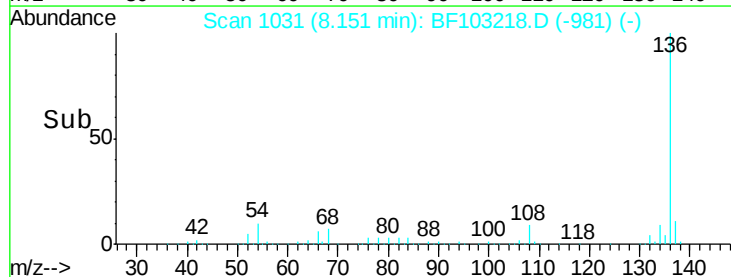
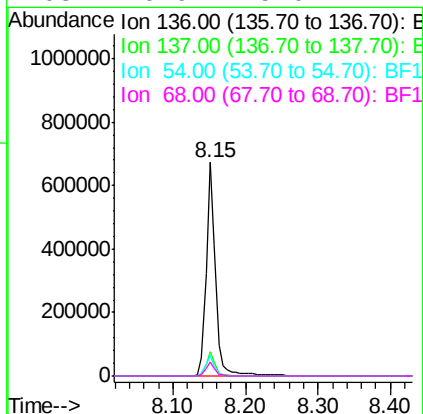
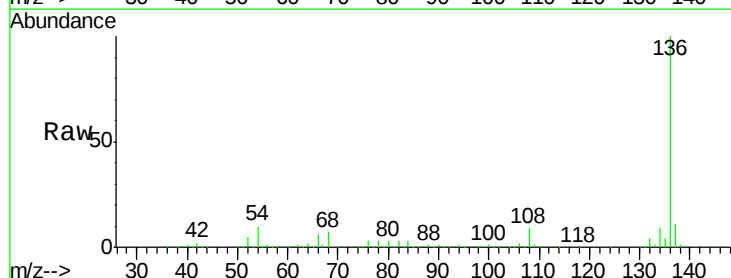
Instrument :
BNA_F
ClientSampleId :

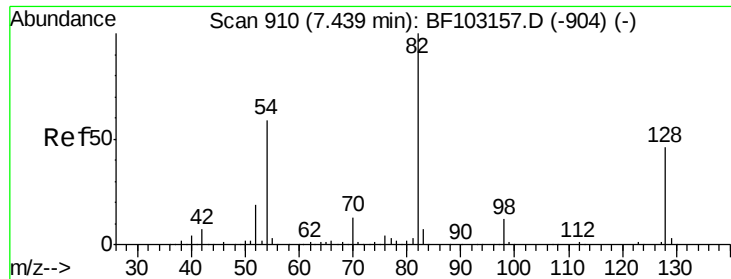
Tot Ion: 70 Resp: 122055
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion: 136 Resp: 606484
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.6 6.6 9.8
68 6.9 5.0 7.4

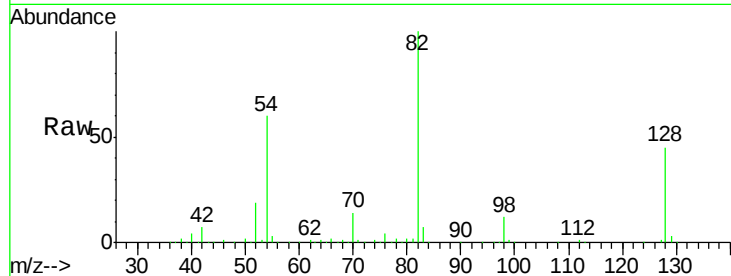




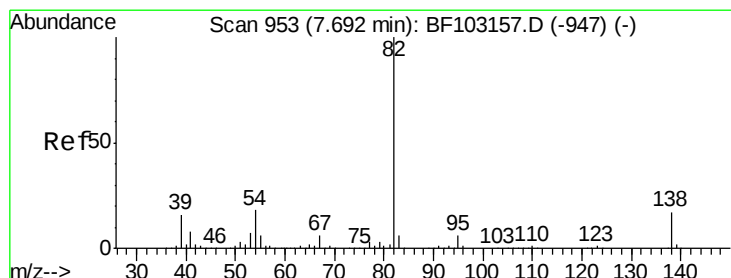
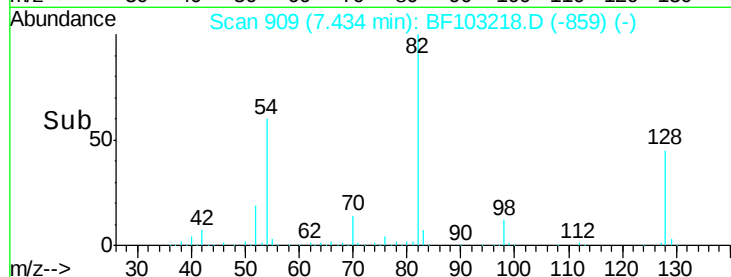
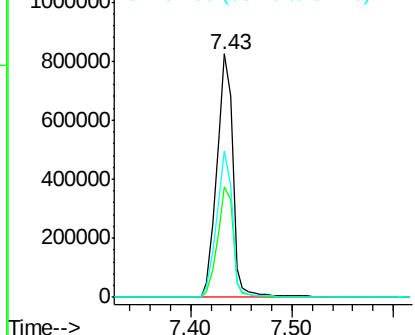
#23
 Nitrobenzene-d5
 Concen: 85.846 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 911668
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 60.1 41.4 62.2

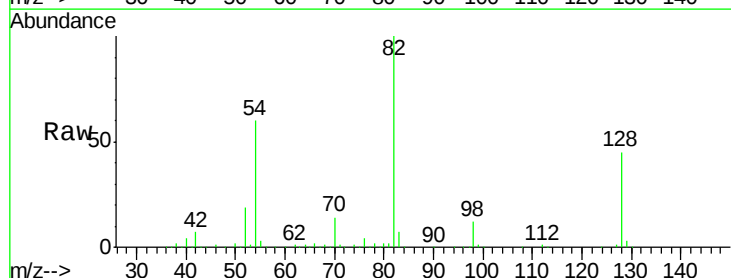


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

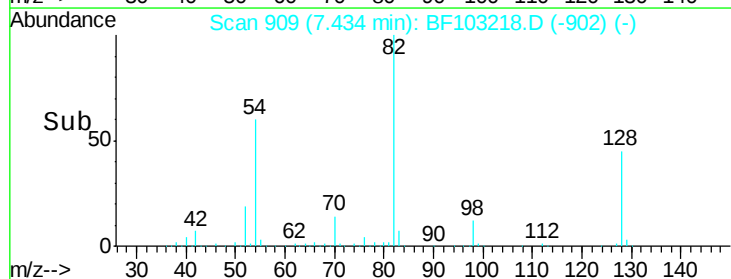
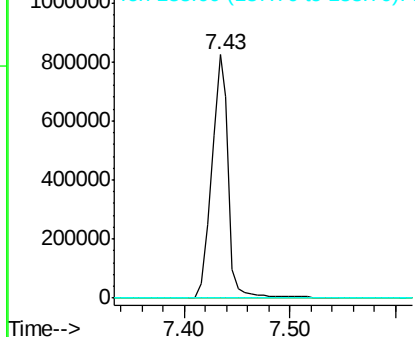


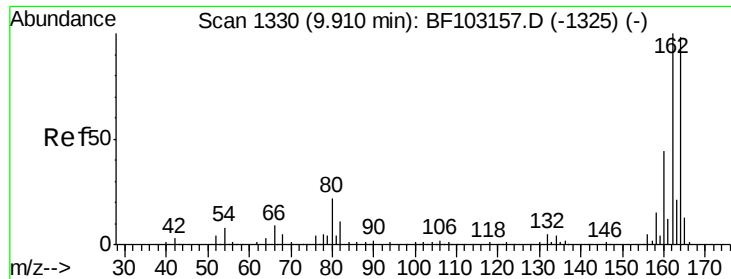
#25
 Isophorone
 Concen: 43.587 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Tgt Ion: 82 Resp: 911660
 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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

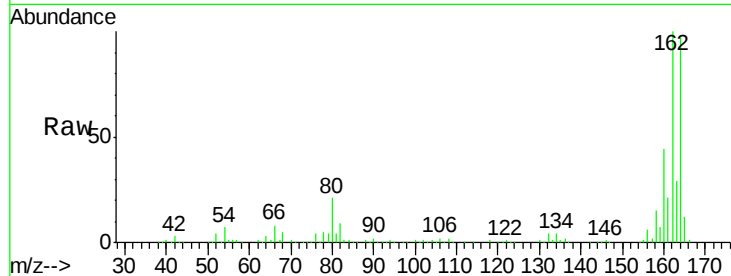
Tot Ion:164 Resp: 236305

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

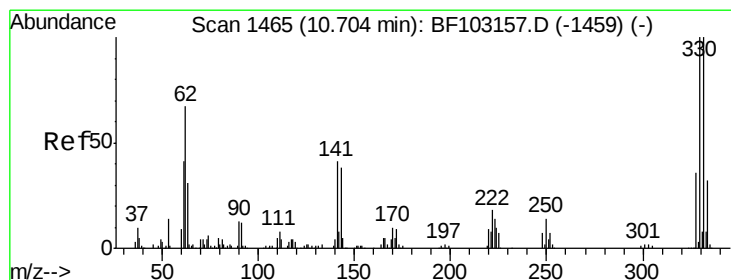
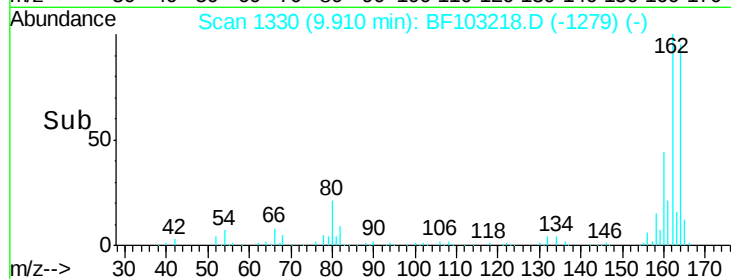
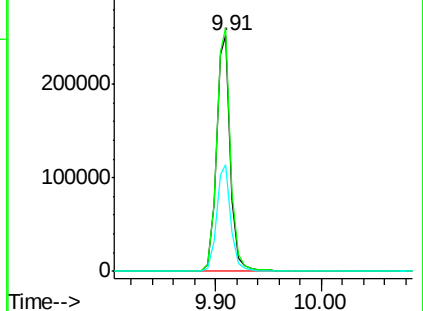
160 45.5 38.3 57.5



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: 101.009 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

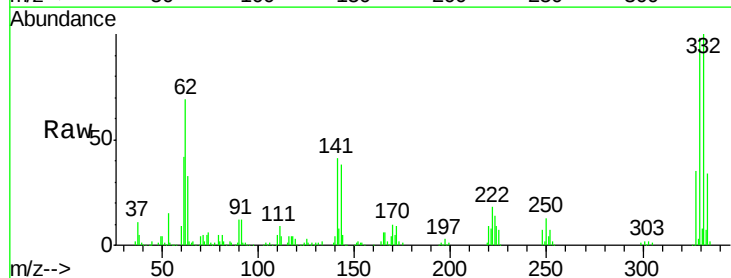
Tgt Ion:330 Resp: 202038

Ion Ratio Lower Upper

330 100

332 103.4 77.0 115.6

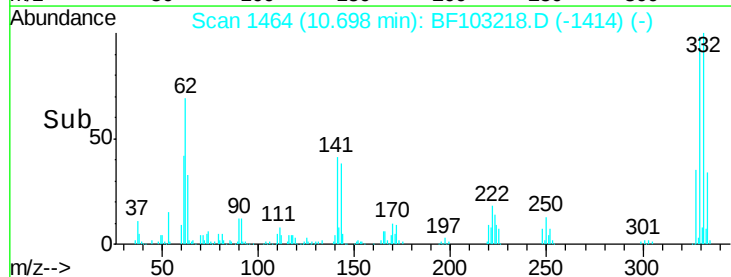
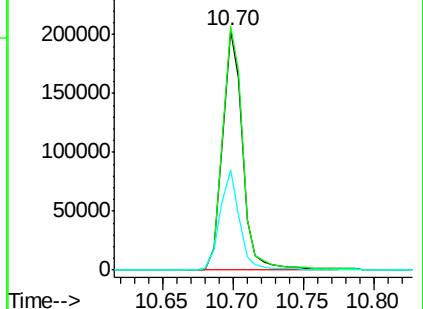
141 41.4 29.9 44.9

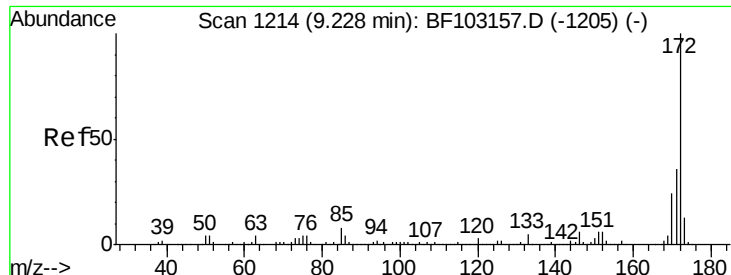


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

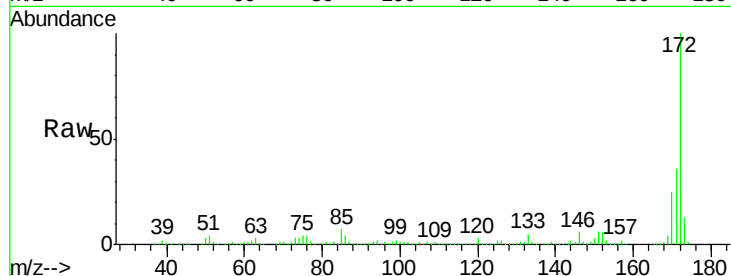




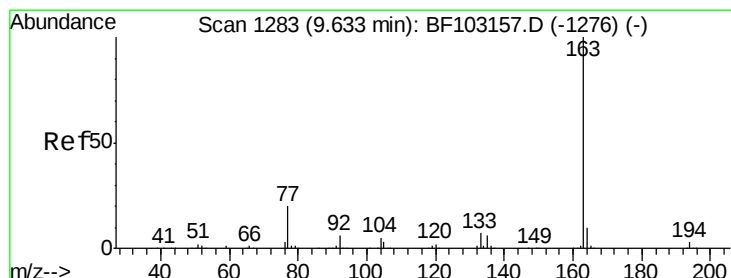
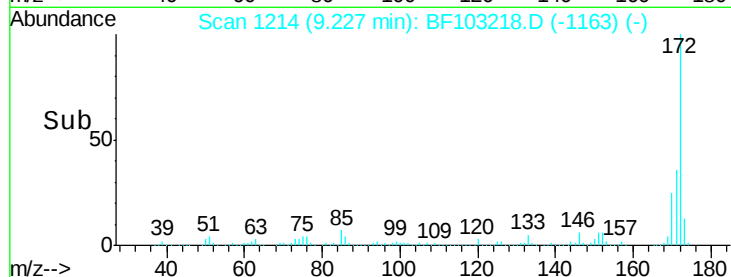
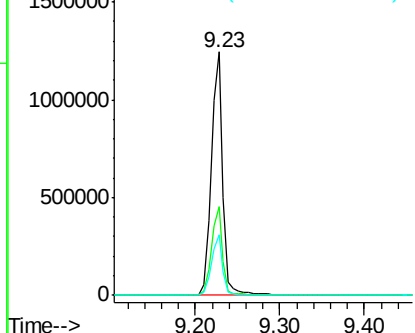
#44
2-Fluorobiphenyl
Concen: 88.678 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1204240
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 25.1 19.6 29.4

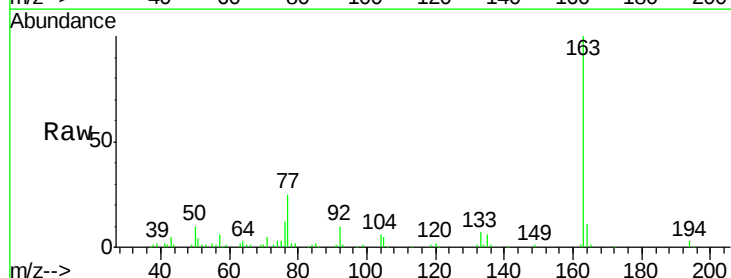


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

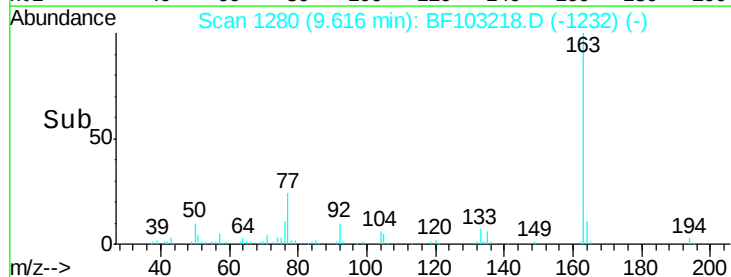
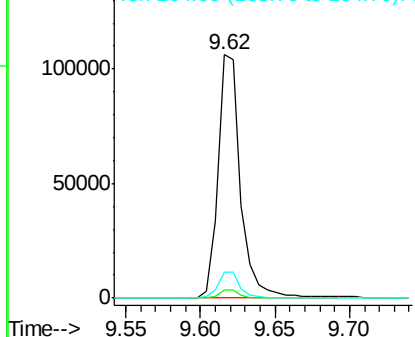


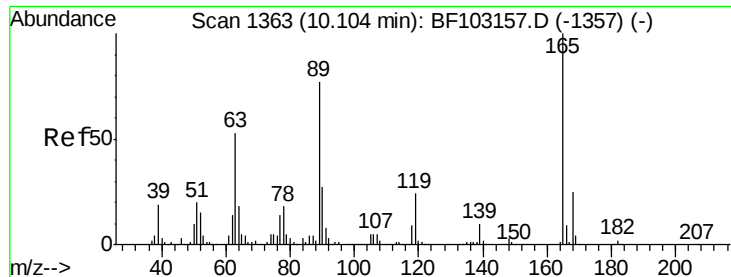
#49
Dimethylphthalate
Concen: 5.955 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Tgt Ion:163 Resp: 112897
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.8 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

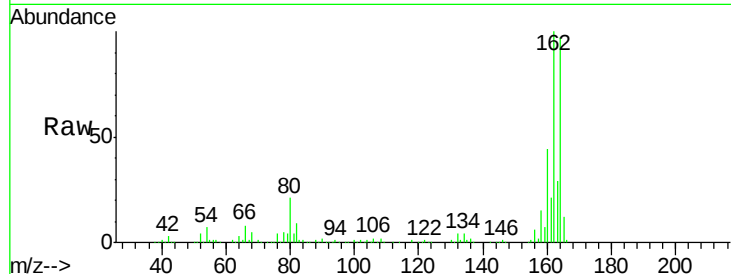




#56
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

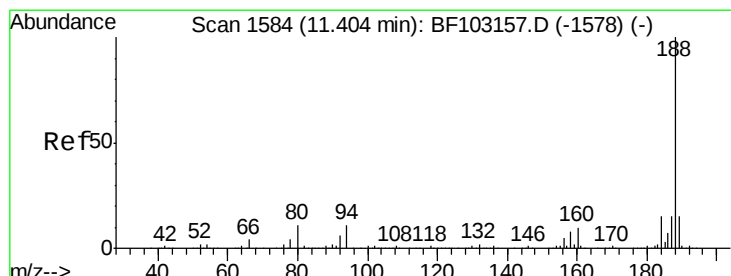
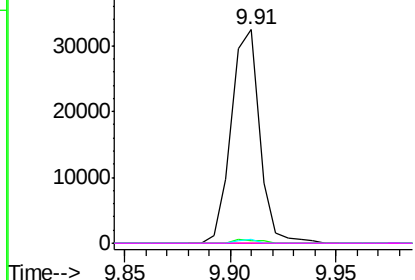
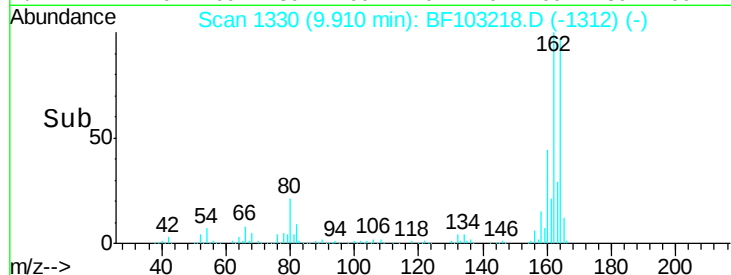


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

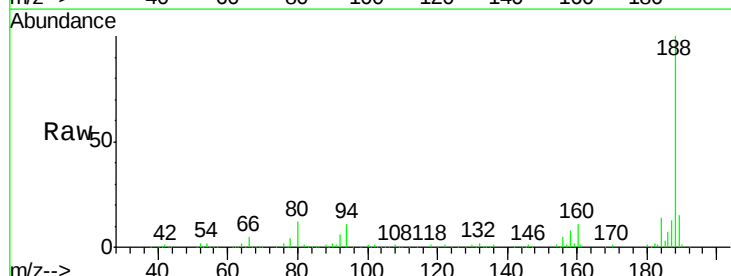
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

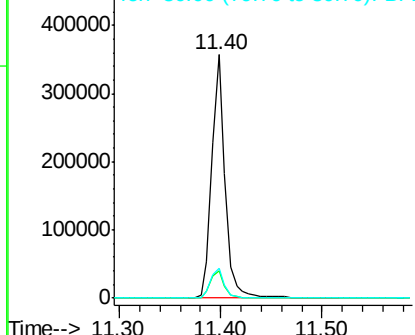
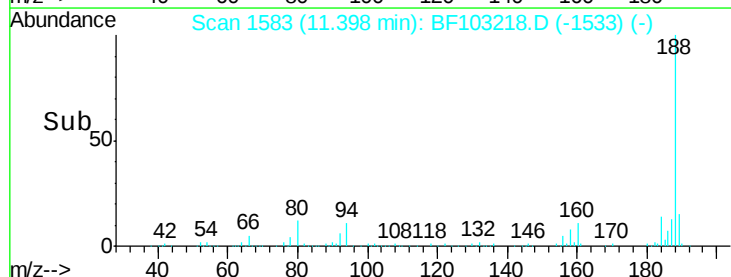
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

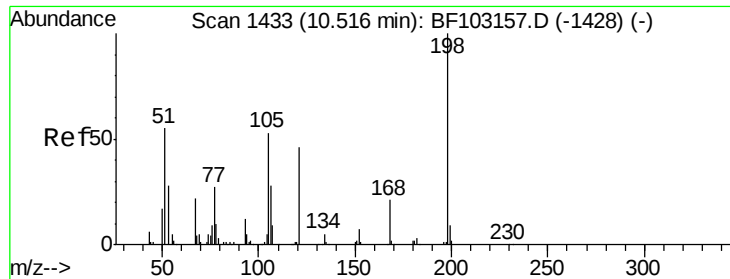


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.148 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

Instrument :

BNA_F

ClientSampleId :

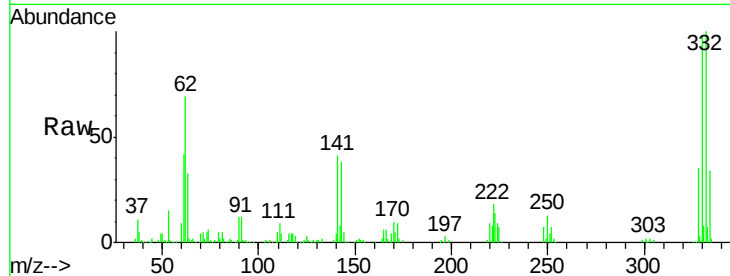
Tot Ion:198 Resp: 448

Ion Ratio Lower Upper

198 100

51 224.4 37.7 77.7#

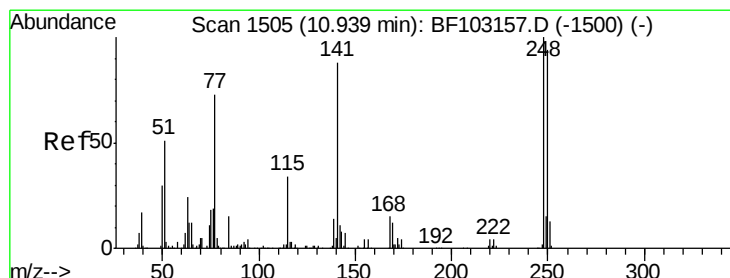
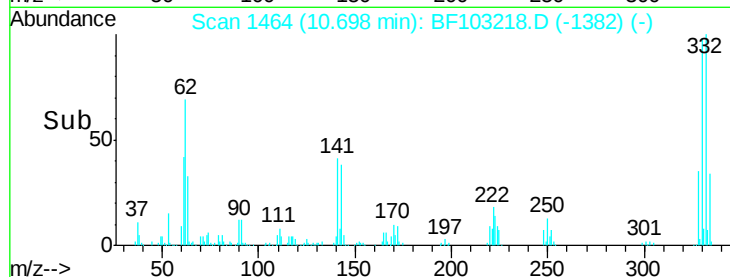
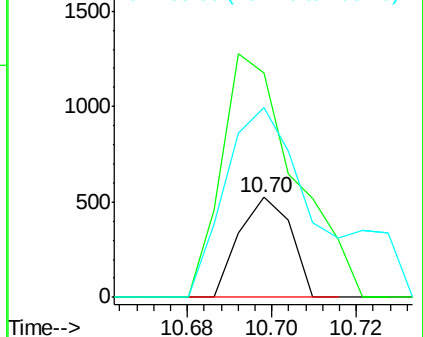
105 189.3 36.3 76.3#



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: 3.943 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF103218.D

Acq: 26 Feb 2018 15:00

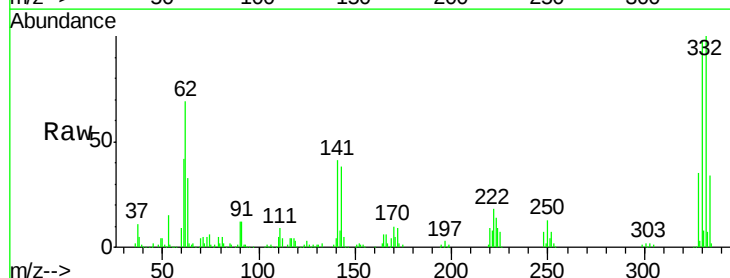
Tgt Ion:248 Resp: 13397

Ion Ratio Lower Upper

248 100

250 188.0 76.9 115.3#

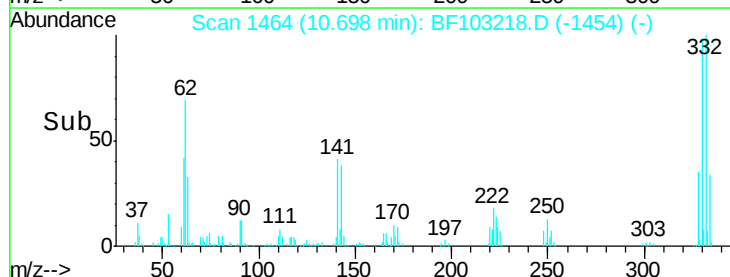
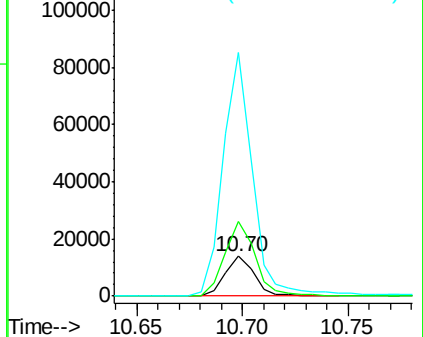
141 615.1 74.4 111.6#

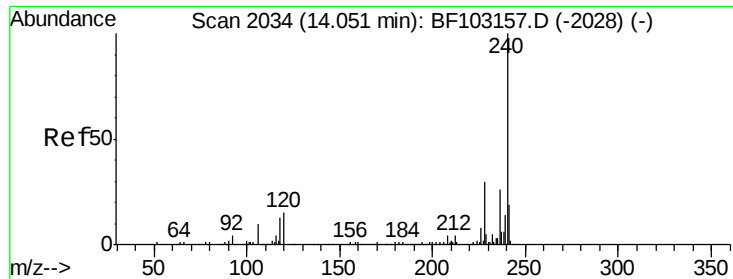


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

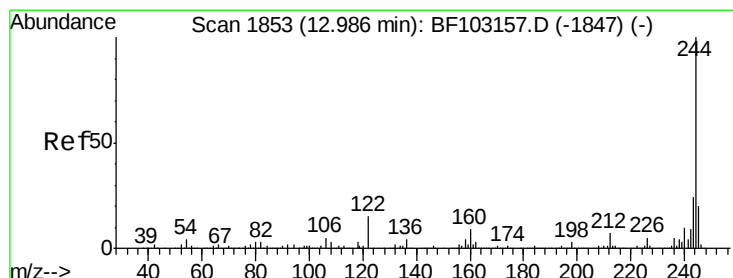
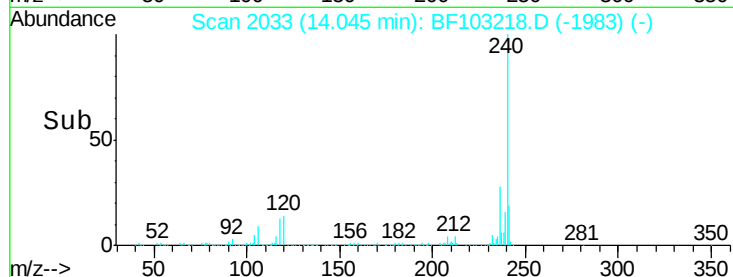
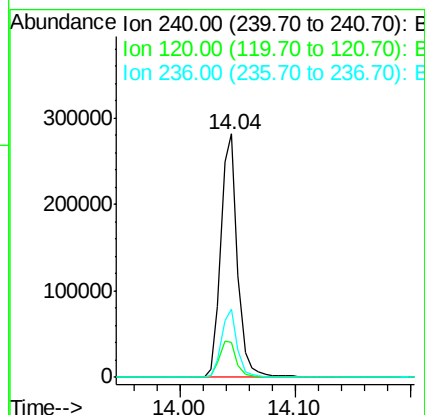
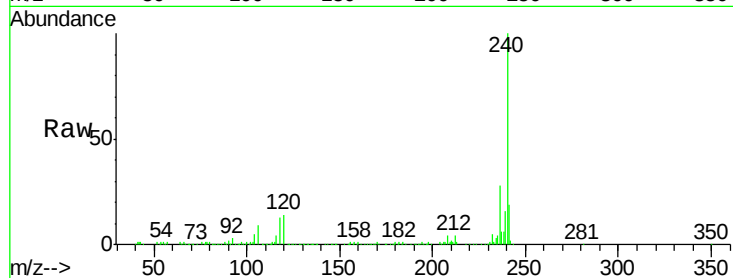




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

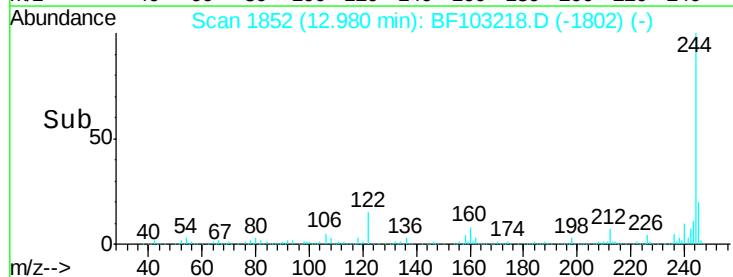
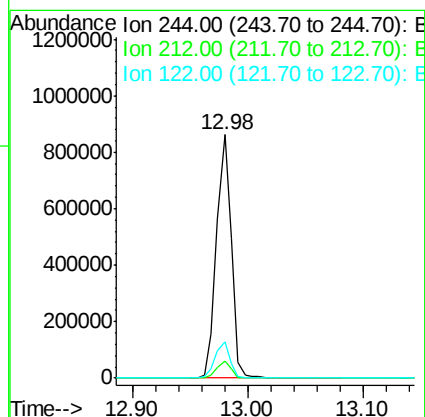
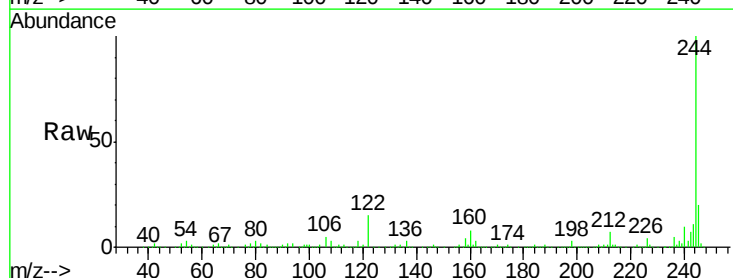
Instrument :
 BNA_F
 ClientSampleId :

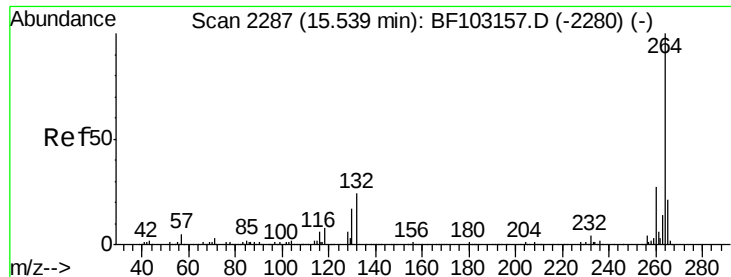
Tot Ion:240 Resp: 283458
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 27.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 65.401 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103218.D
 Acq: 26 Feb 2018 15:00

Tgt Ion:244 Resp: 771189
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.8 11.0 16.4

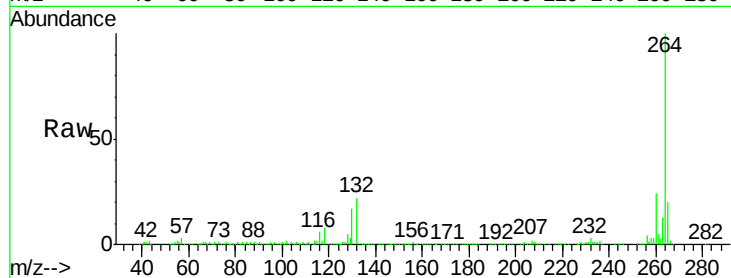




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103218.D
Acq: 26 Feb 2018 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.0	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

