

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103503.D
 Acq On : 7 Mar 2018 16:14
 Operator : SJ/JU
 Sample : J1699-73RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 17:19:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149120	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	624511	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271804	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408365	20.00	ng	0.00
75) Chrysene-d12	14.06	240	254336	20.00	ng	0.00
86) Perylene-d12	15.56	264	215846	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	913507	92.65	ng	0.00
7) Phenol-d6	6.50	99	1106570	91.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	713105	65.21	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	160660	69.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1010176	59.49	ng	0.00
78) Terphenyl-d14	12.99	244	666397	62.98	ng	0.00

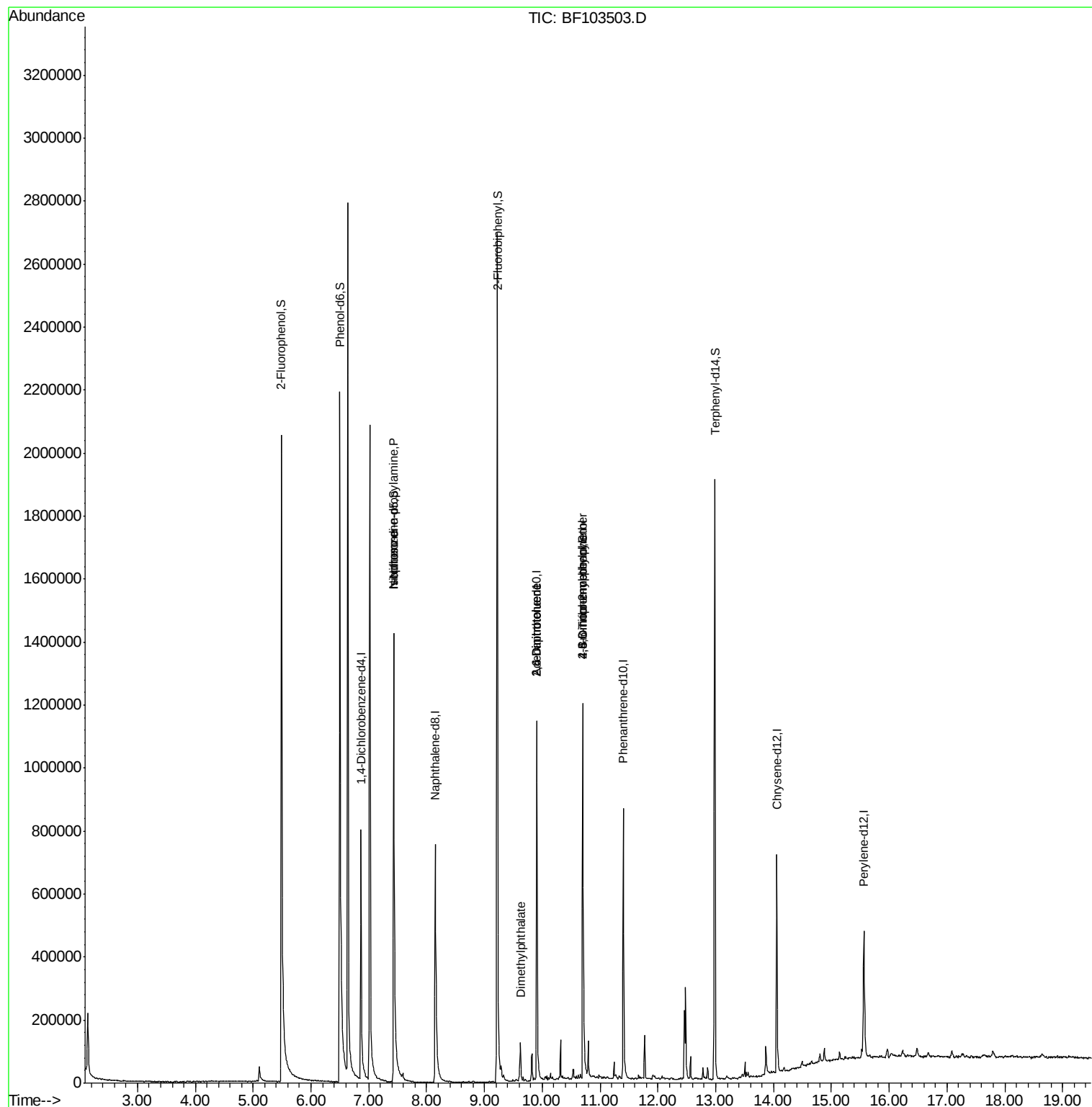
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1854	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	92633	12.337	ng	# 82
25) Isophorone	7.43	82	713105	33.110	ng	# 64
49) Dimethylphthalate	9.62	163	58350	2.676	ng	# 98
50) 2,6-Dinitrotoluene	9.90	165	33188	7.253	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	33188	5.735	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	345	5.070	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10813	2.542	ng	# 1

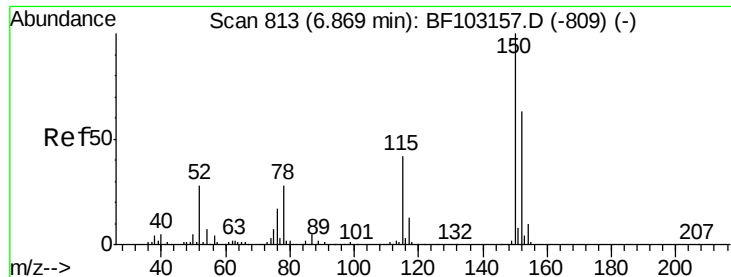
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030718\
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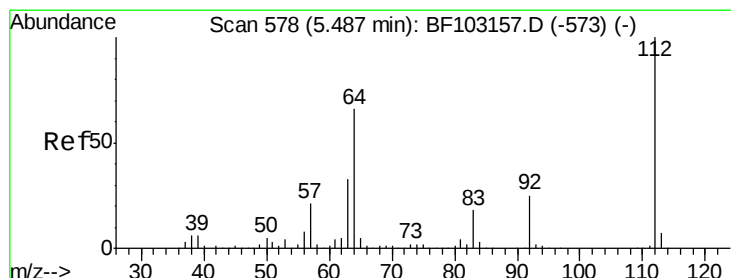
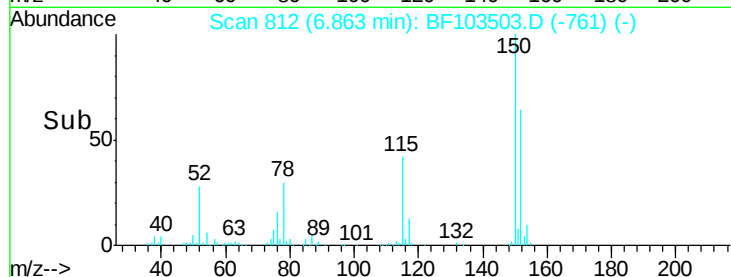
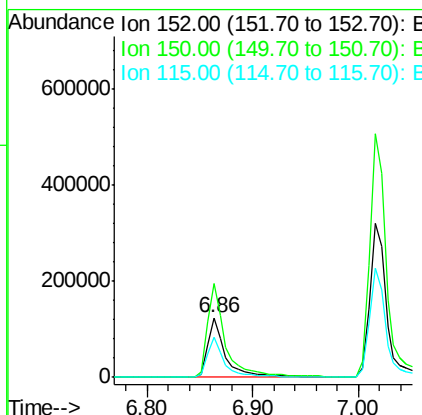
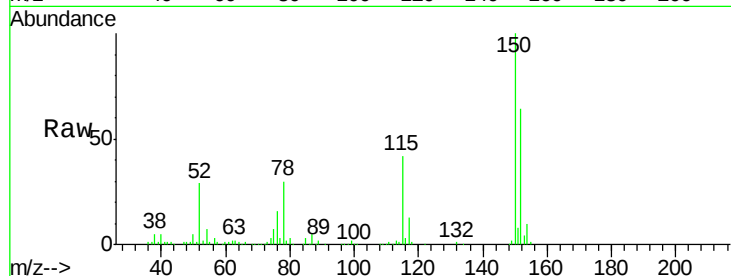


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Instrument :
BNA_F
ClientSampleId :

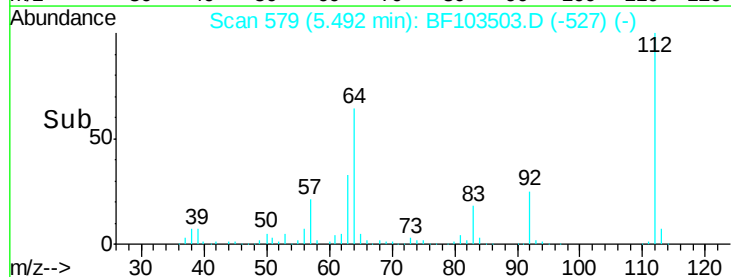
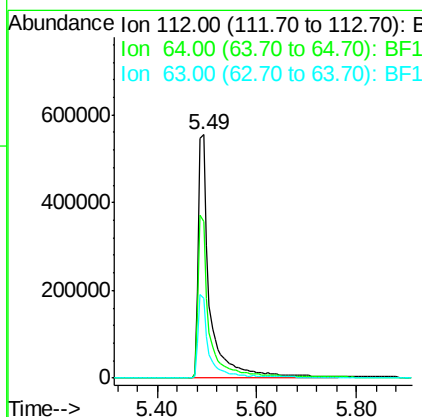
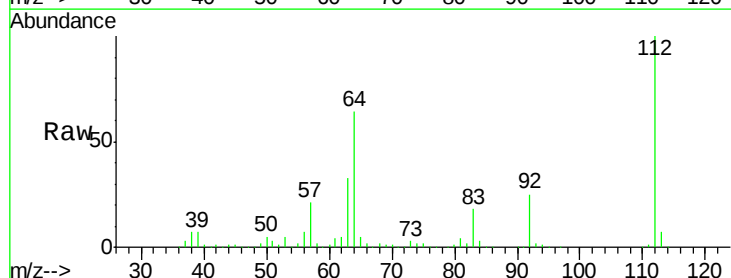
Tot Ion:152 Resp: 149120
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 66.0 50.1 75.1

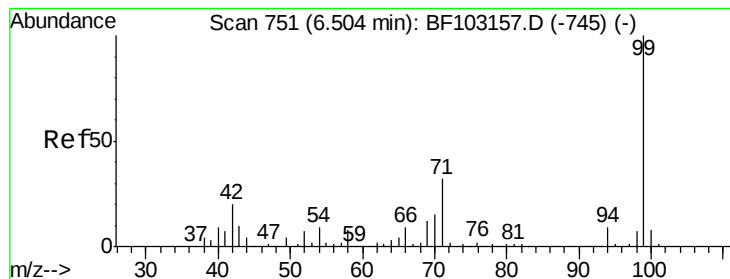


#5

2-Fluorophenol
Concen: 92.651 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Tgt Ion:112 Resp: 913507
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.9 23.7 35.5





#7

Phenol-d6

Concen: 91.719 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

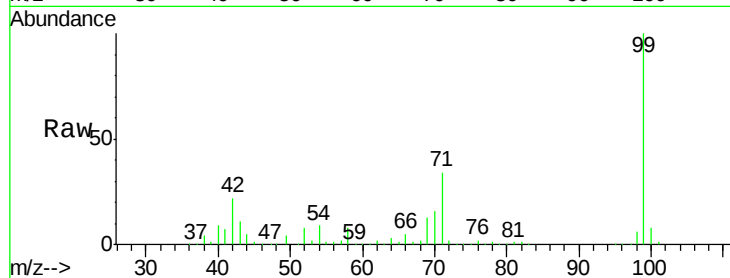
Instrument :

BNA_F

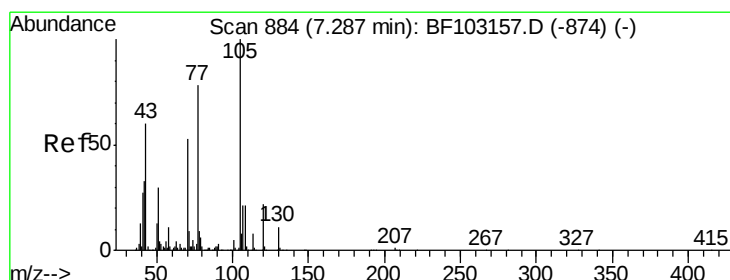
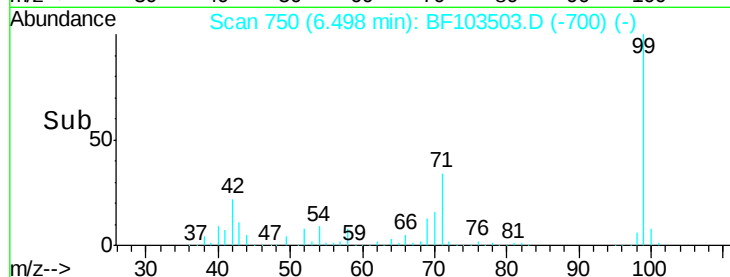
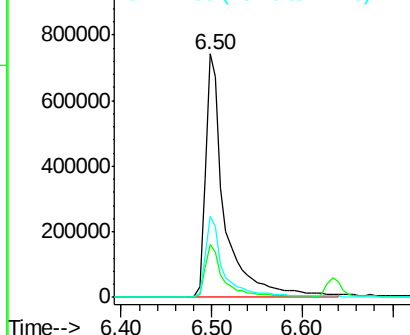
ClientSampleId :

Tot Ion: 99 Resp: 1106570

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	33.5	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



#19

n-Nitroso-di-n-propylamine

Concen: 12.337 ng

RT: 7.43 min Scan# 909

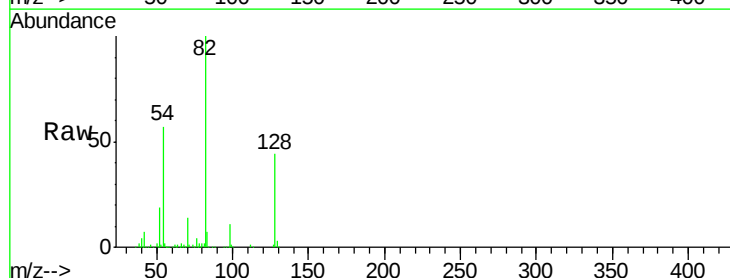
Delta R.T. 0.16 min

Lab File: BF103503.D

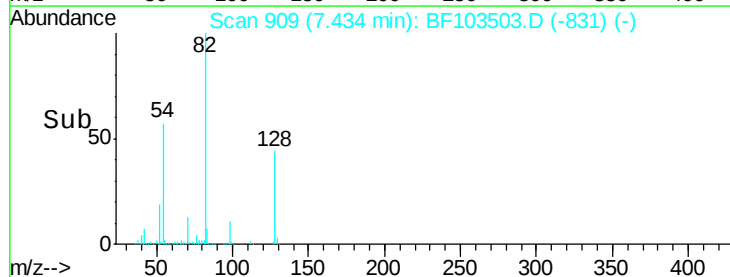
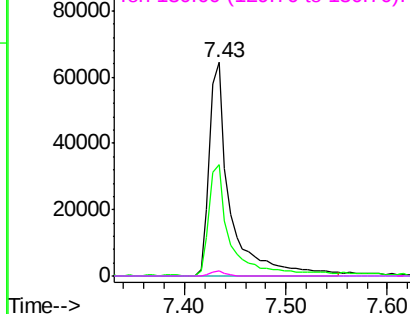
Acq: 7 Mar 2018 16:14

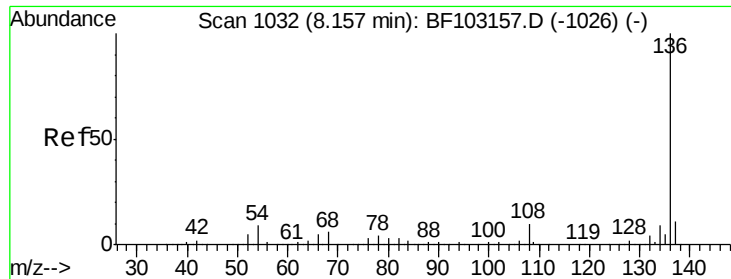
Tgt Ion: 70 Resp: 92633

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

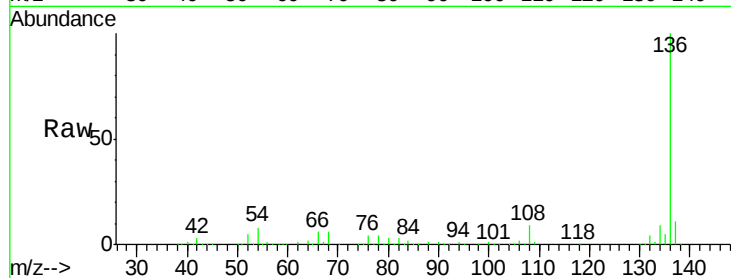




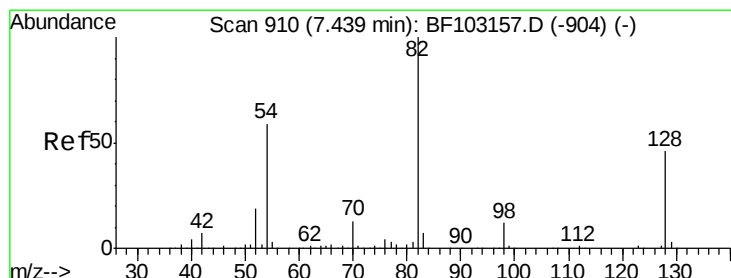
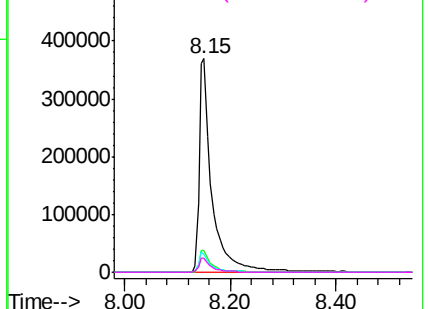
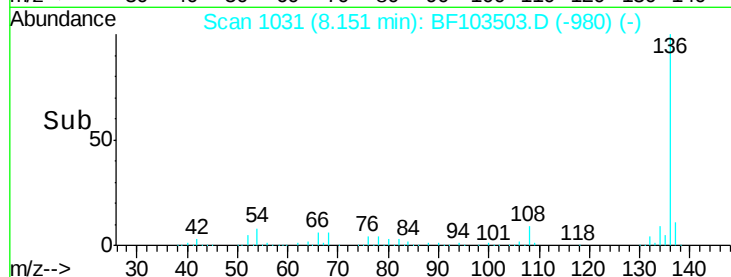
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	624511
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.9 13.3
54	8.4	6.6 9.8
68	6.4	5.0 7.4

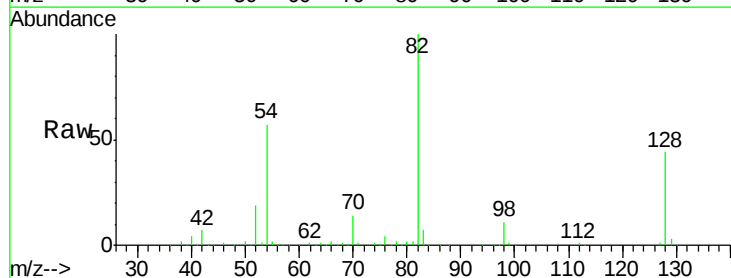


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

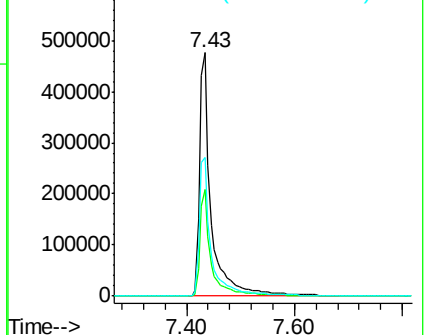
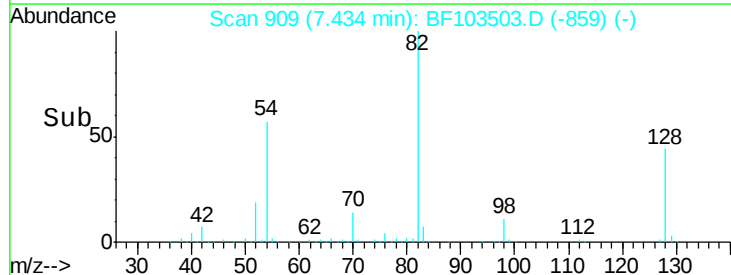


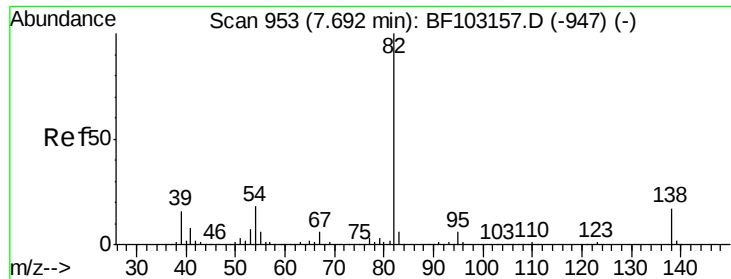
#23
Nitrobenzene-d5
Concen: 65.210 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Tgt Ion: 82	Resp:	713105
Ion	Ratio	Lower Upper
82	100	
128	44.0	36.1 54.1
54	57.1	41.4 62.2



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





#25

Isophorone

Concen: 33.110 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

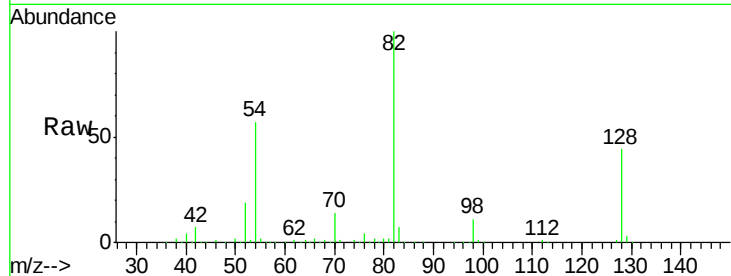
Tot Ion: 82 Resp: 713105

Ion Ratio Lower Upper

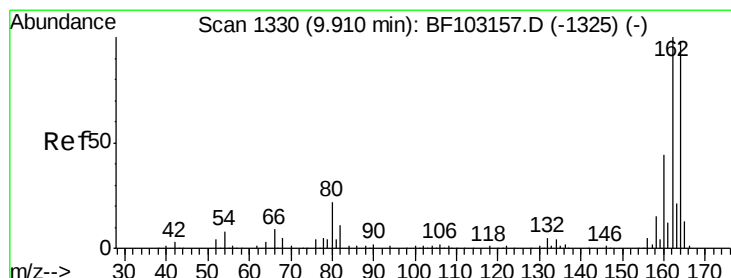
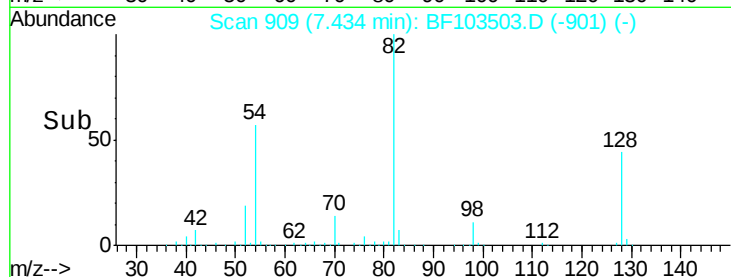
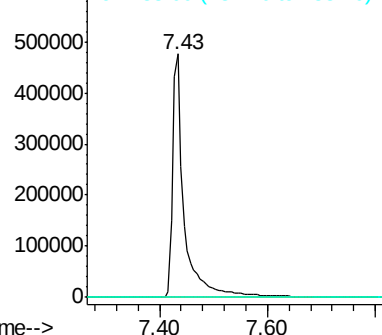
82 100

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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

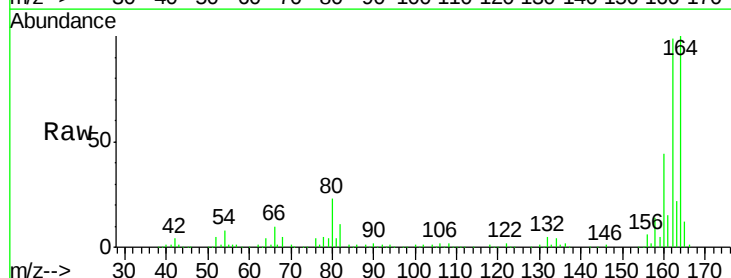
Tgt Ion: 164 Resp: 271804

Ion Ratio Lower Upper

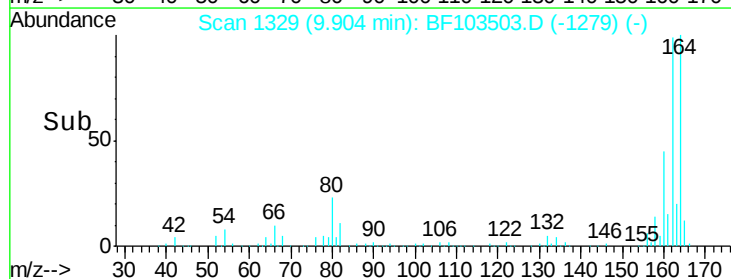
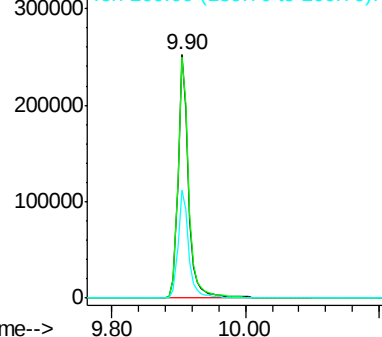
164 100

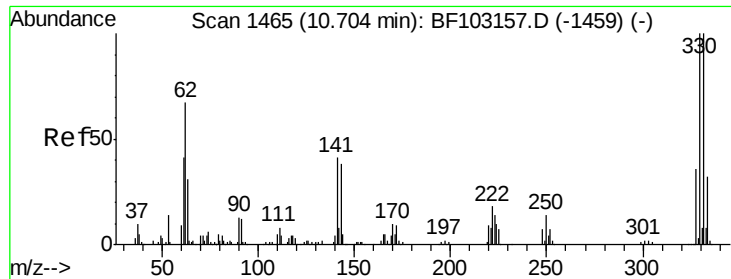
162 98.9 86.1 129.1

160 44.4 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

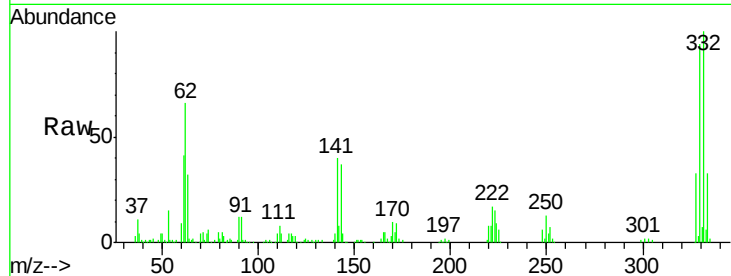




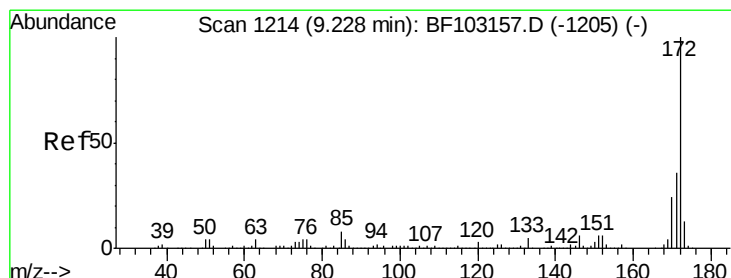
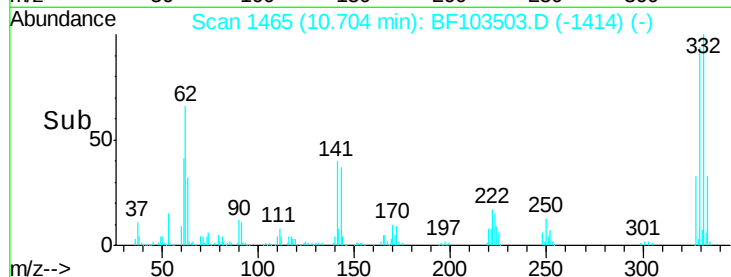
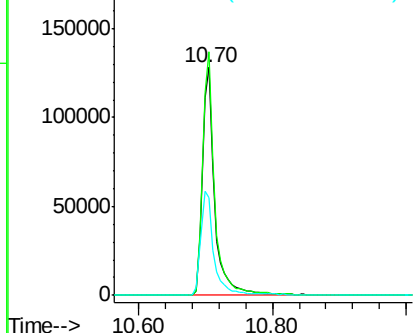
#41
 2,4,6-Tribromophenol
 Concen: 69.832 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103503.D
 Acq: 7 Mar 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 160660
 Ion Ratio Lower Upper
 330 100
 332 104.3 77.0 115.6
 141 47.3 29.9 44.9#

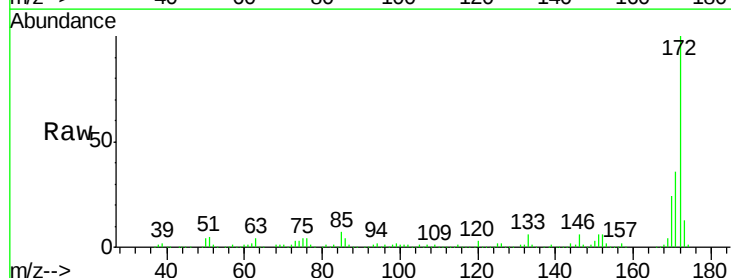


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

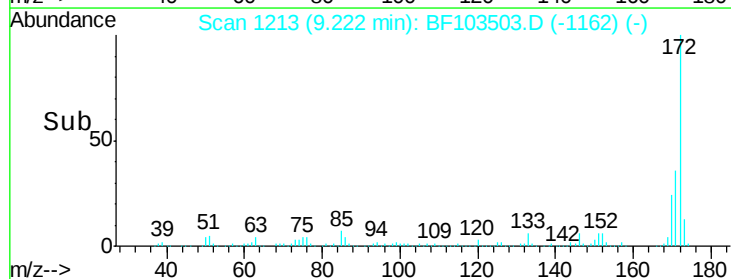
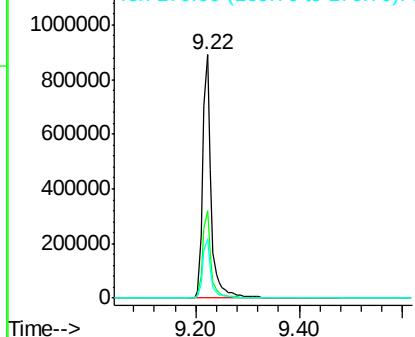


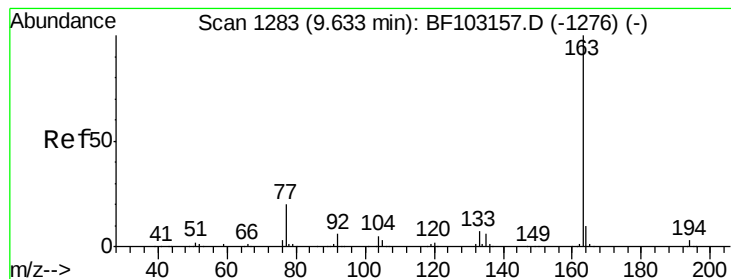
#44
 2-Fluorobiphenyl
 Concen: 59.495 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103503.D
 Acq: 7 Mar 2018 16:14

Tgt Ion:172 Resp: 1010176
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 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: 2.676 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

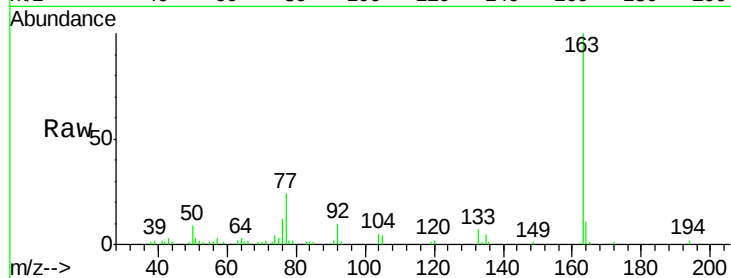
Tot Ion:163 Resp: 58350

Ion Ratio Lower Upper

163 100

194 2.3 2.7 4.1#

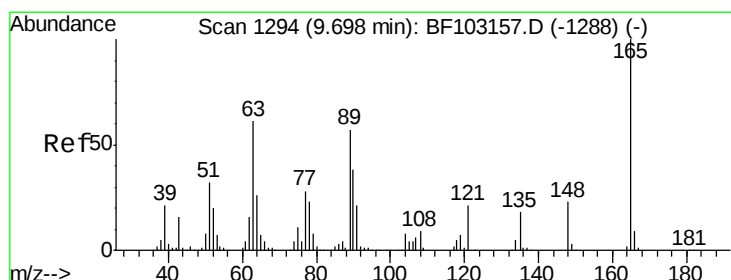
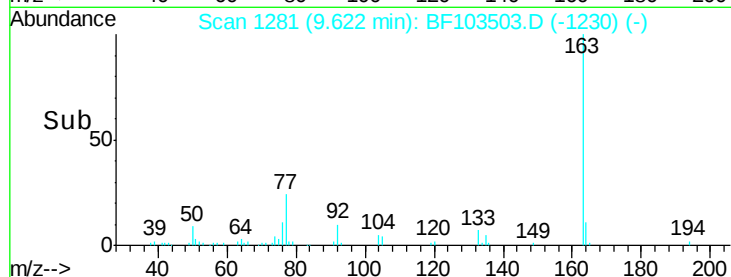
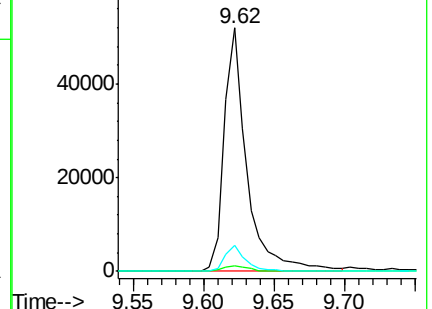
164 10.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.253 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.21 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

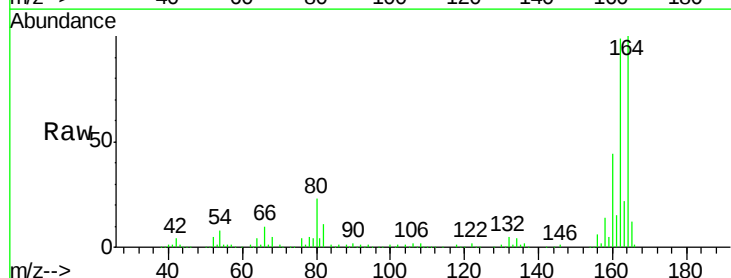
Tgt Ion:165 Resp: 33188

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

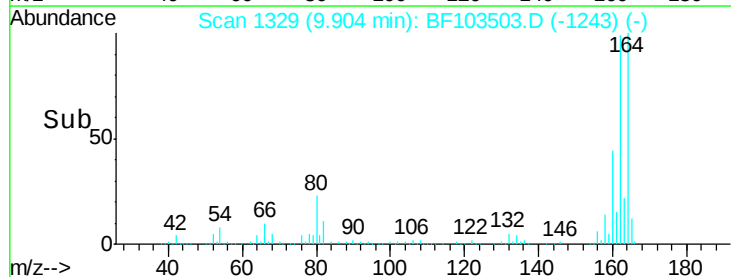
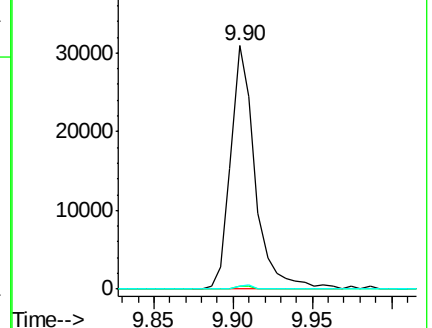
89 1.4 44.0 66.0#

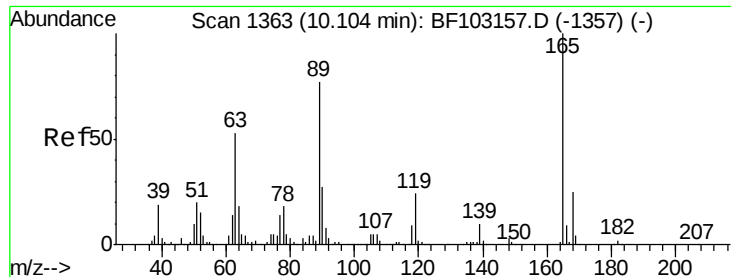


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

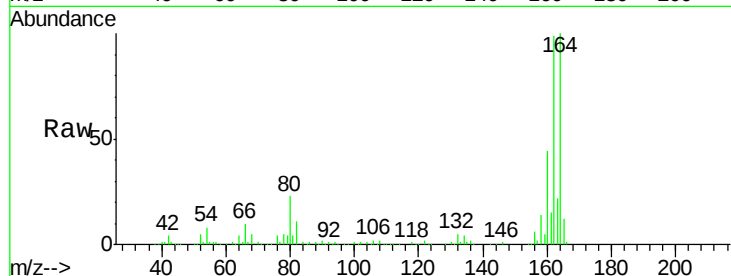




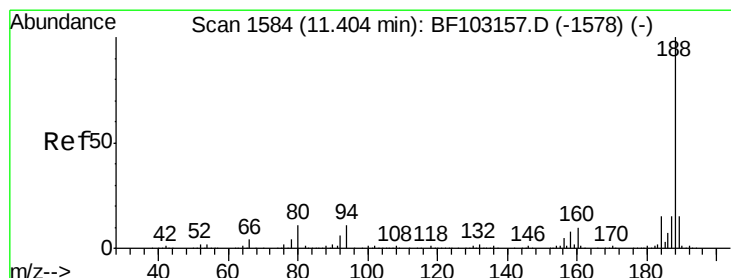
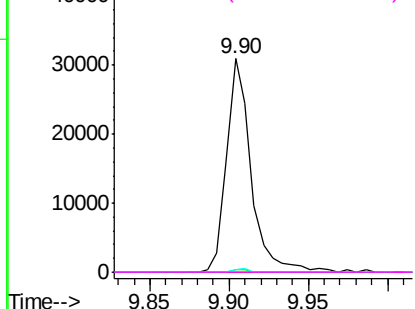
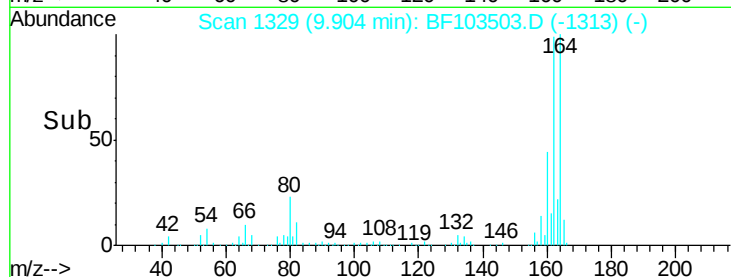
#56
 2,4-Dinitrotoluene
 Concen: 5.735 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103503.D
 Acq: 7 Mar 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33188
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

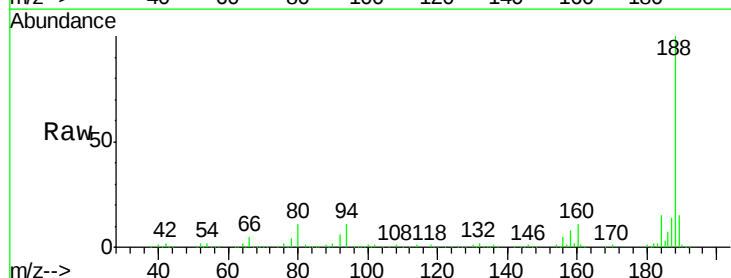


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

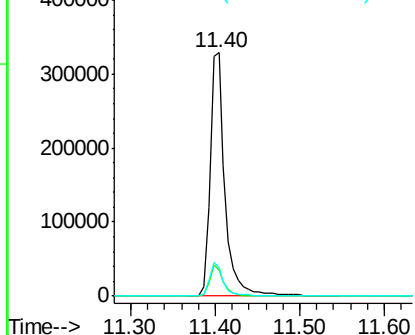
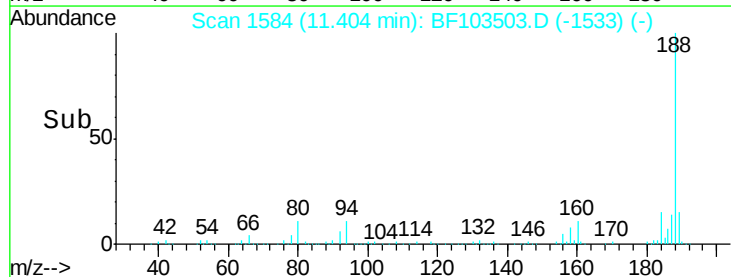


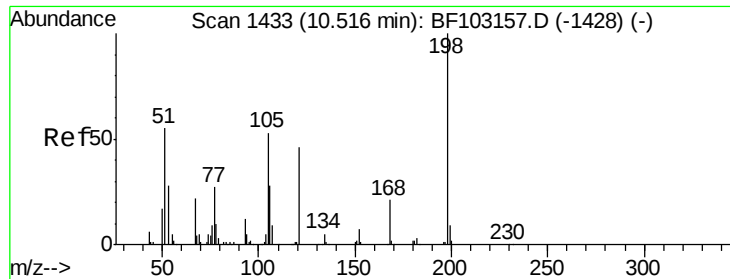
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103503.D
 Acq: 7 Mar 2018 16:14

Tgt Ion:188 Resp: 408365
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 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

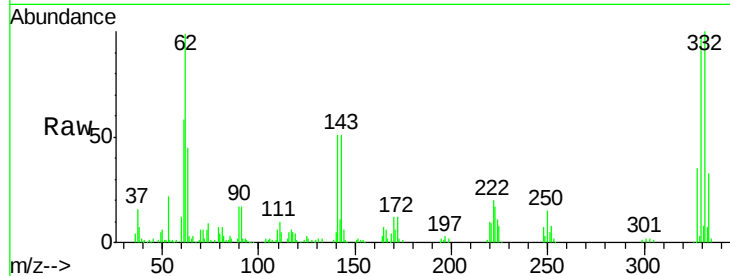




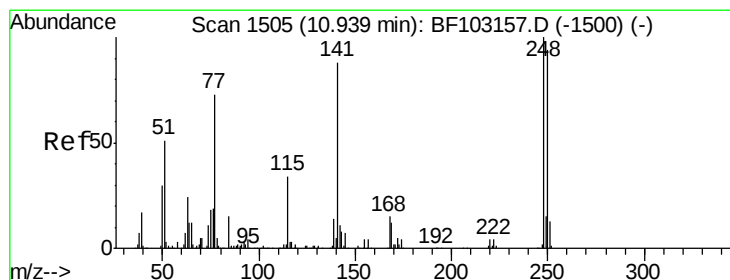
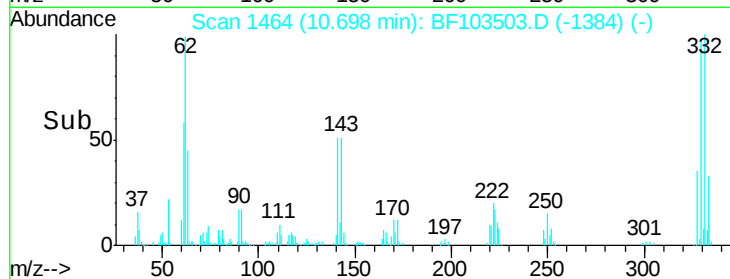
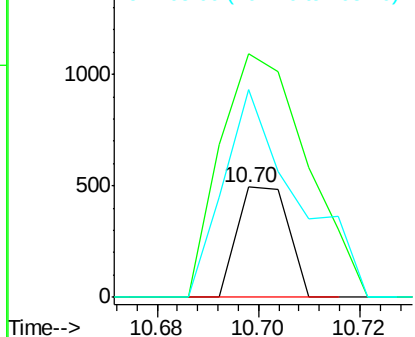
#64
4,6-Dinitro-2-methylphenol
Concen: 5.070 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.17 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 345
Ion Ratio Lower Upper
198 100
51 221.7 37.7 77.7#
105 189.0 36.3 76.3#

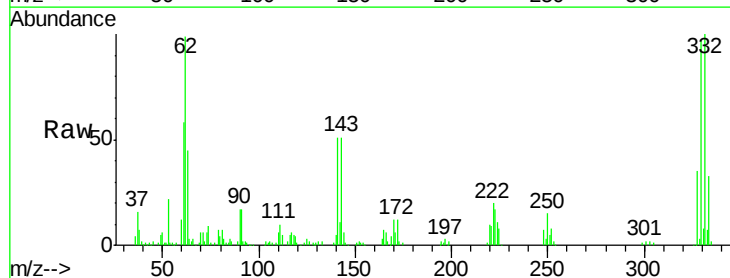


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

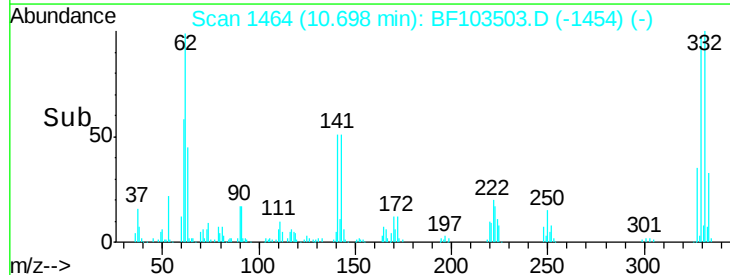
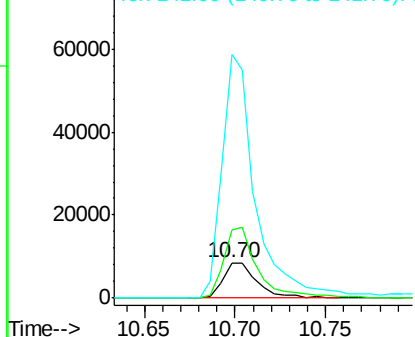


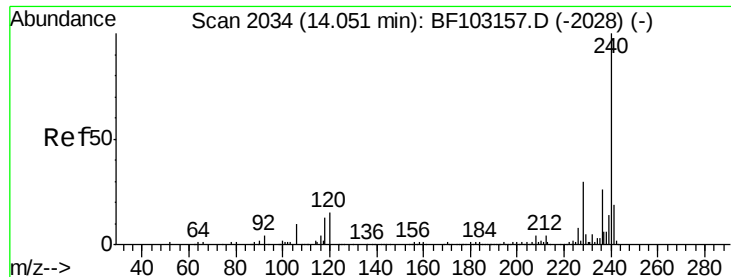
#66
4-Bromophenyl-phenylether
Concen: 2.542 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Tgt Ion:248 Resp: 10813
Ion Ratio Lower Upper
248 100
250 196.6 76.9 115.3#
141 695.3 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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

Instrument :

BNA_F

ClientSampleId :

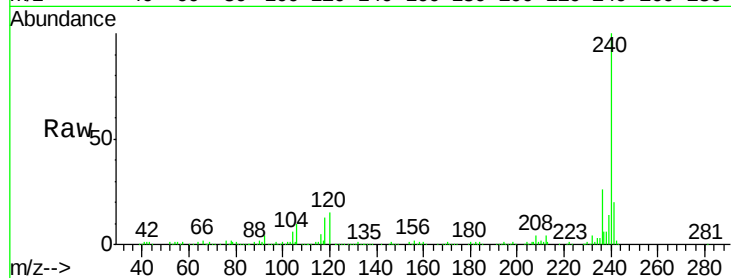
Tot Ion:240 Resp: 254336

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

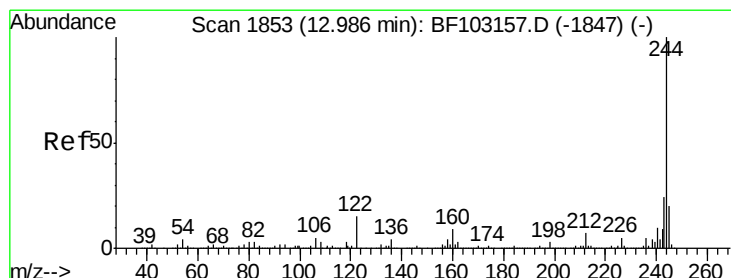
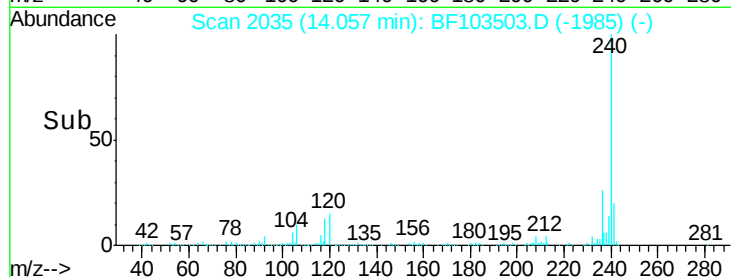
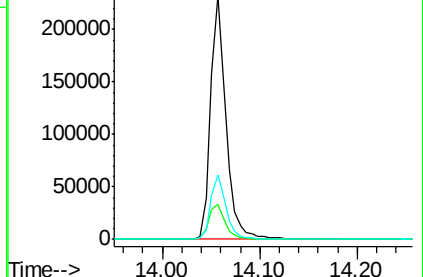
236 26.3 20.7 31.1



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: 62.985 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103503.D

Acq: 7 Mar 2018 16:14

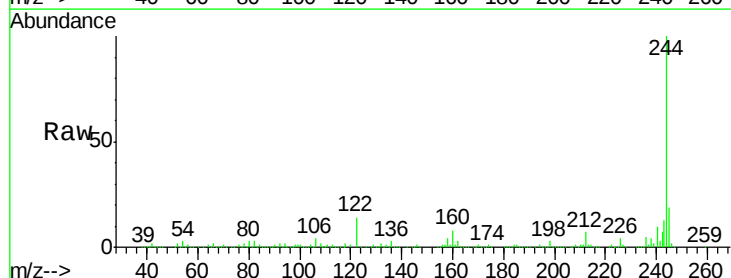
Tgt Ion:244 Resp: 666397

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

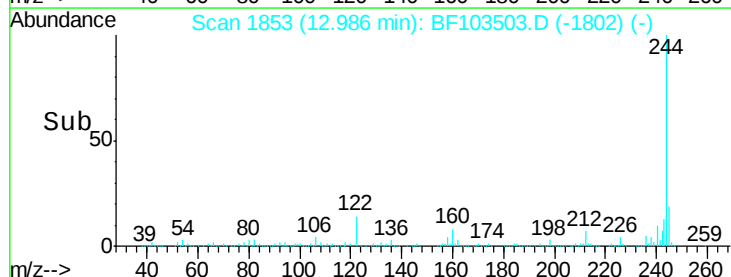
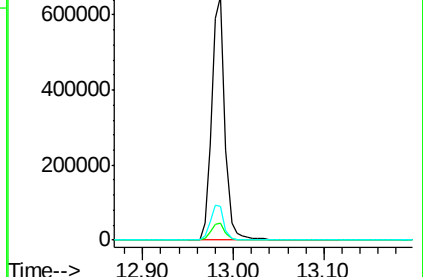
122 13.9 11.0 16.4

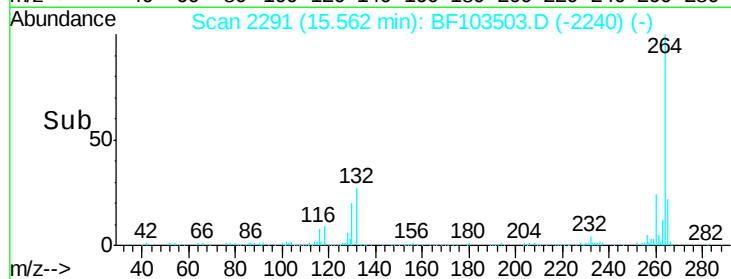
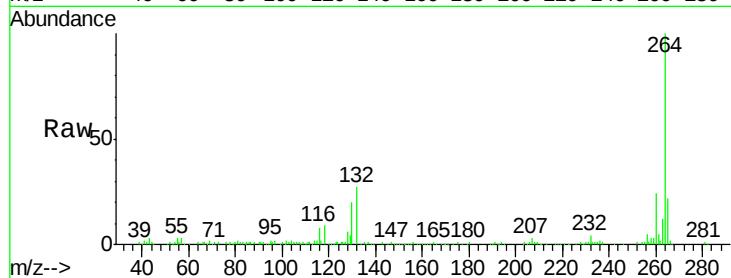
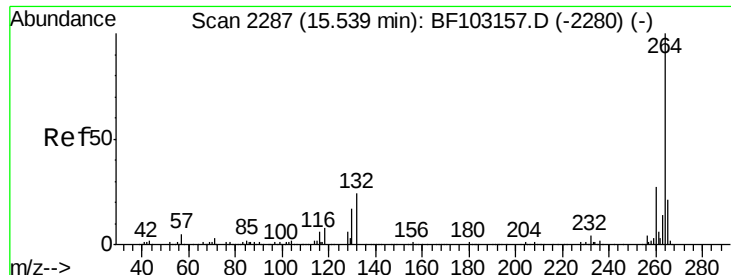


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BF103503.D
Acq: 7 Mar 2018 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

