

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103630.D
 Acq On : 14 Mar 2018 5:02
 Operator : SJ/JU
 Sample : J1894-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:11:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

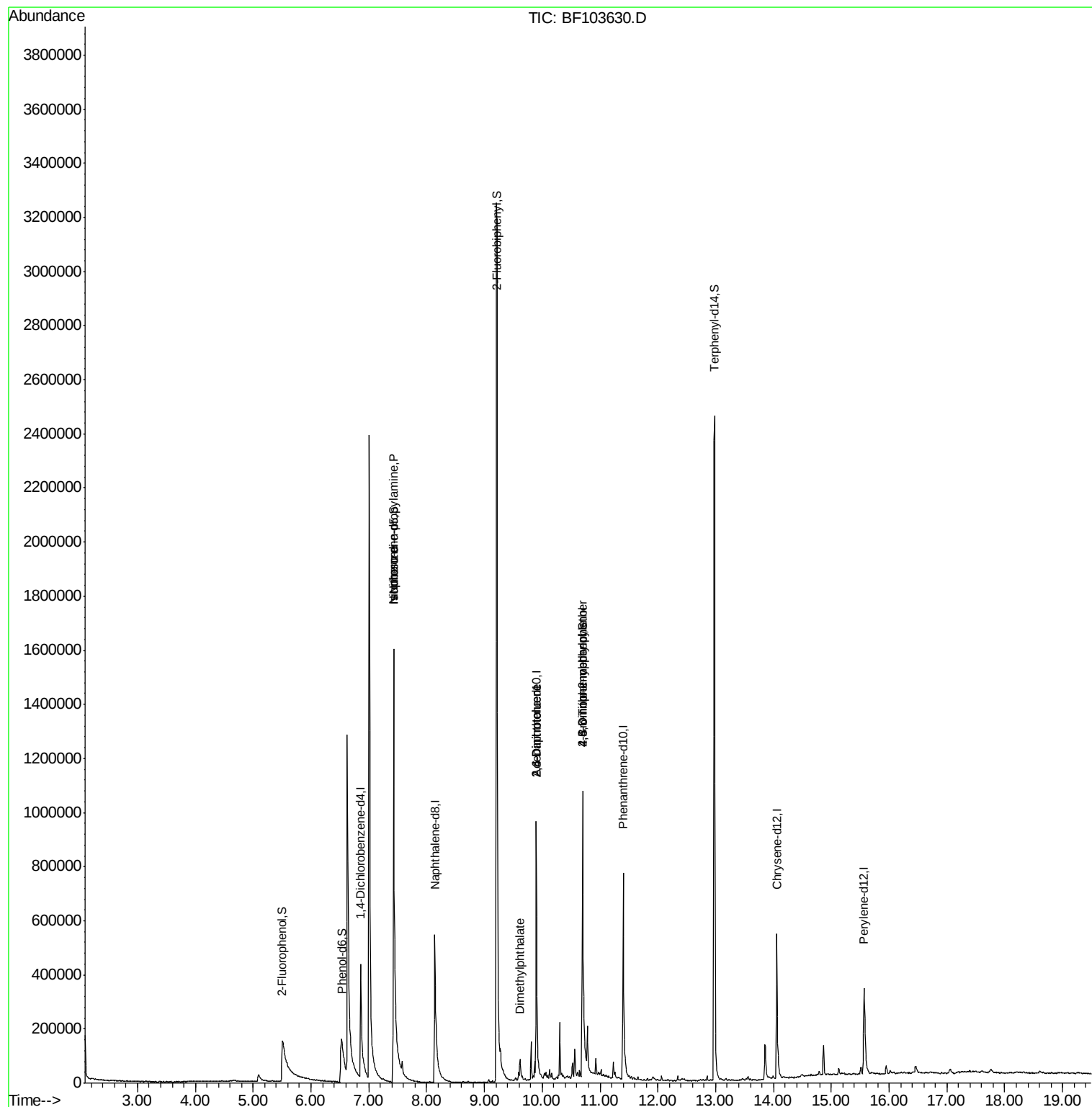
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	130996	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	584497	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	260992	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	444357	20.00	ng	0.00
75) Chrysene-d12	14.06	240	239987	20.00	ng	0.00
86) Perylene-d12	15.57	264	225006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	265279	30.63	ng	0.02
7) Phenol-d6	6.53	99	257483	24.29	ng	0.02
23) Nitrobenzene-d5	7.43	82	1008180	98.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	169216	76.60	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1471008	101.69	ng	0.00
78) Terphenyl-d14	12.98	244	989829	99.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	126220	19.136	ng	# 85
25) Isophorone	7.43	82	1018867	50.545	ng	# 64
49) Dimethylphthalate	9.62	163	45601	2.178	ng	# 99
50) 2,6-Dinitrotoluene	9.90	165	32826	7.471	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	33758	6.075	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	121	4.985	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12156	2.626	ng	# 1

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

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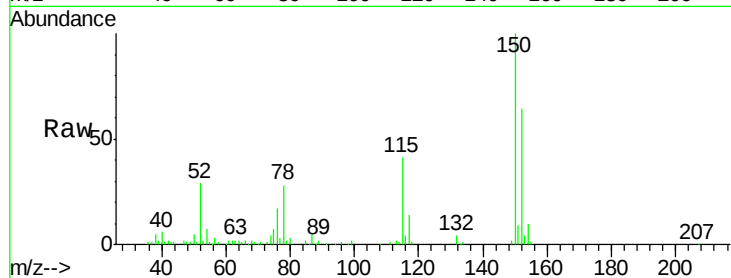


#1

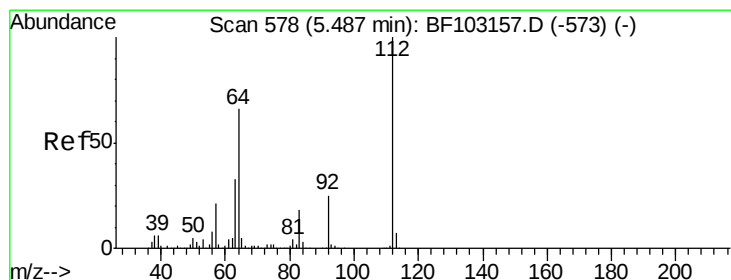
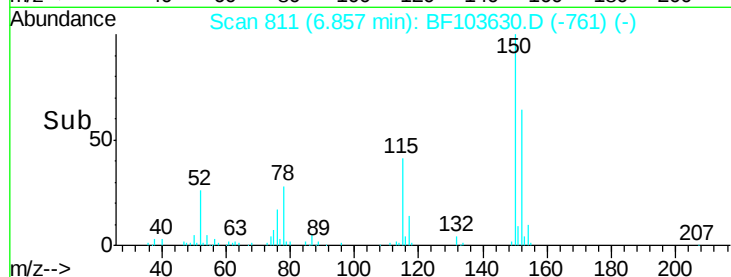
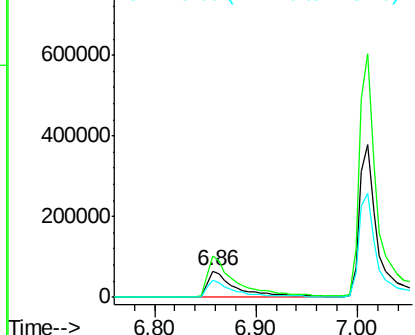
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	64.0	50.1	75.1



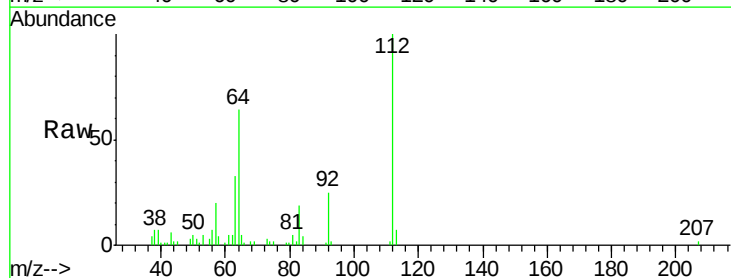
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



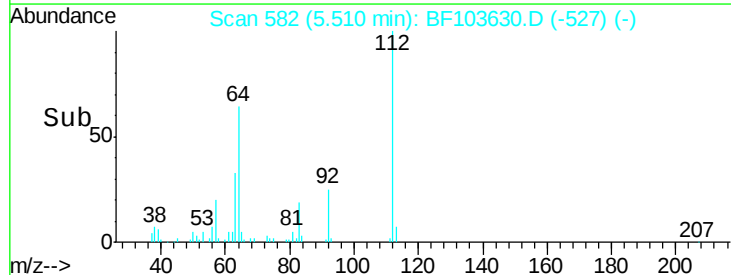
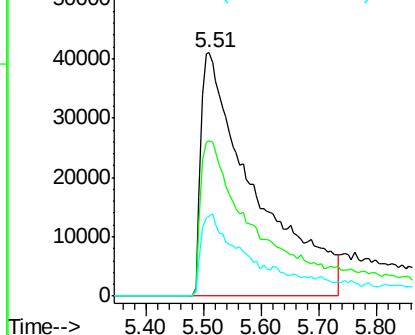
#5

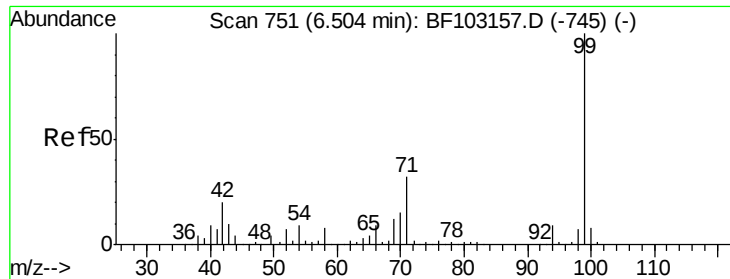
2-Fluorophenol
Concen: 30.628 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.6	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: 24.295 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

Instrument :

BNA_F

ClientSampleId :

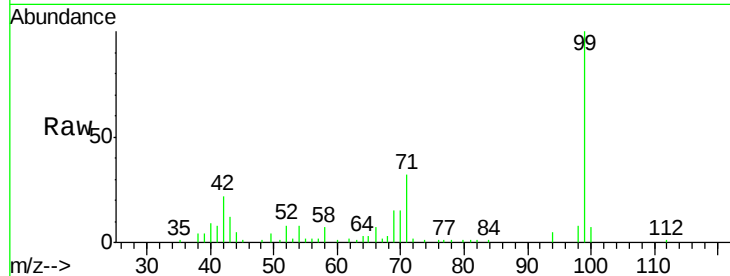
Tot Ion: 99 Resp: 257483

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

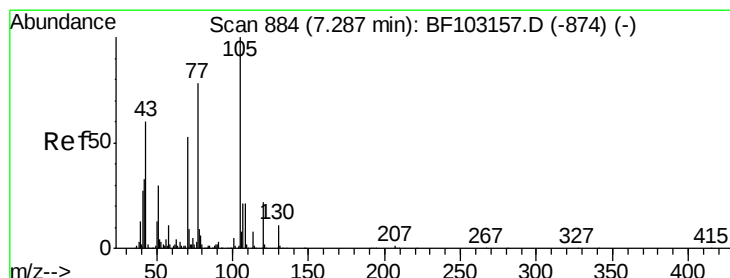
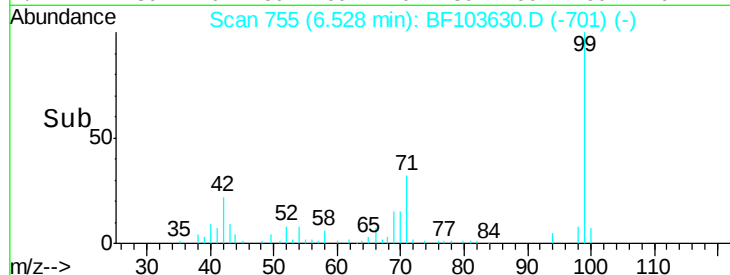
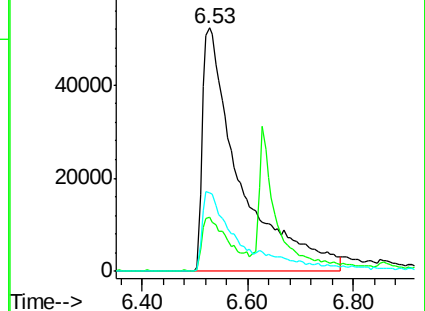
71 32.1 25.4 38.0



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: 19.136 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

Tgt Ion: 70 Resp: 126220

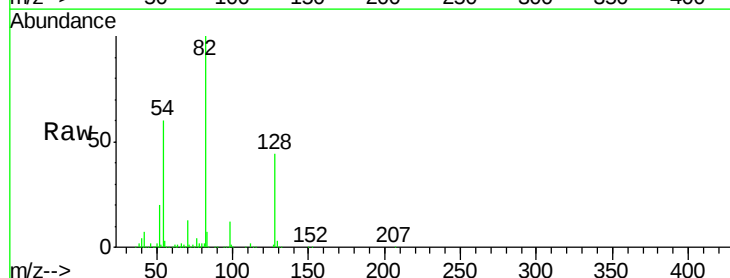
Ion Ratio Lower Upper

70 100

42 55.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

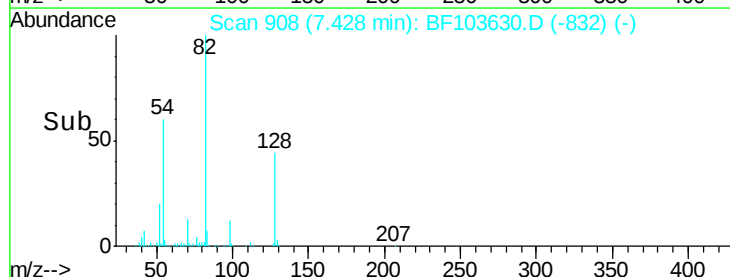
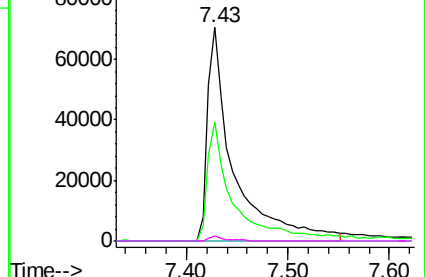


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

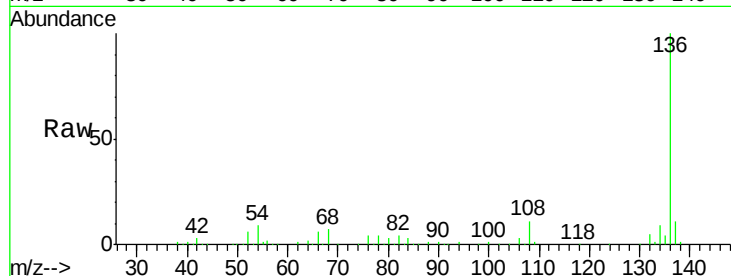




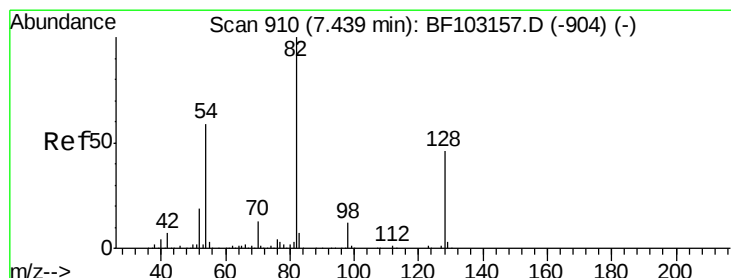
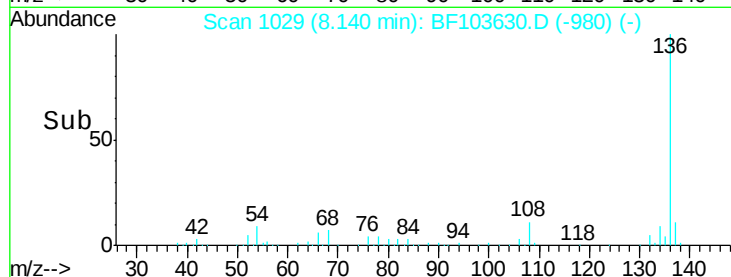
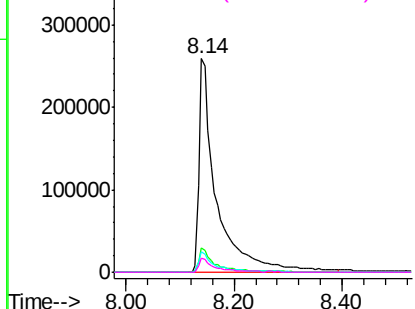
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	584497
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.5	6.6 9.8
68	6.9	5.0 7.4

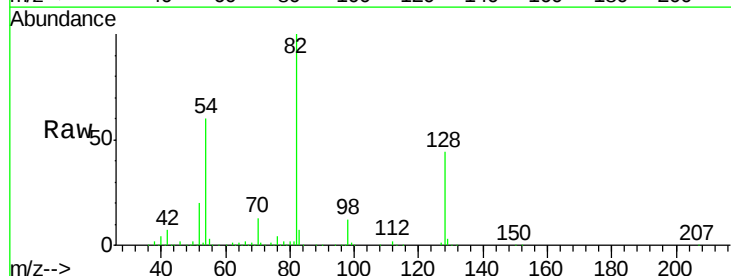


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

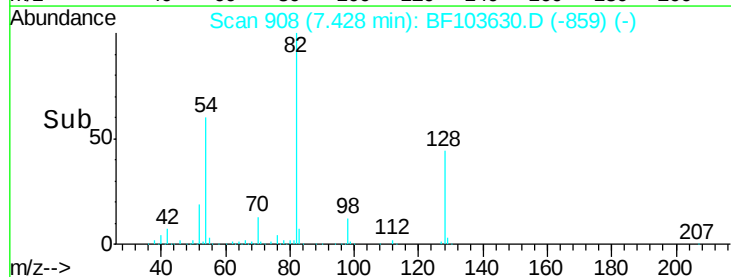
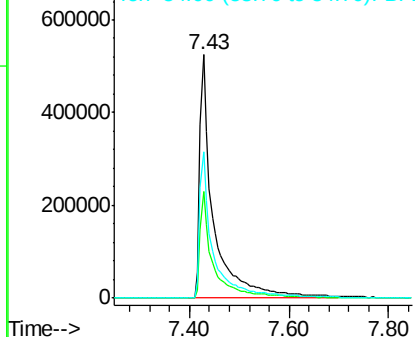


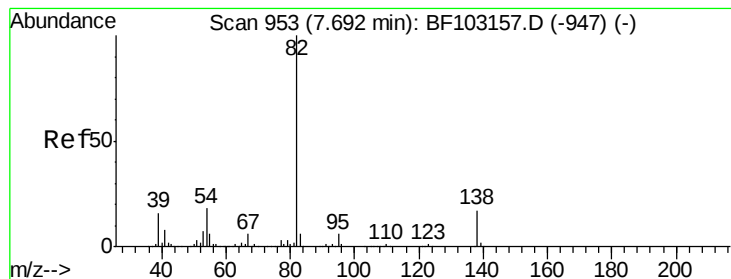
#23
Nitrobenzene-d5
Concen: 98.504 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Tgt Ion: 82	Resp:	1008180
Ion Ratio	Lower	Upper
82	100	
128	43.6	36.1 54.1
54	59.9	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: 50.545 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

Instrument :

BNA_F

ClientSampleId :

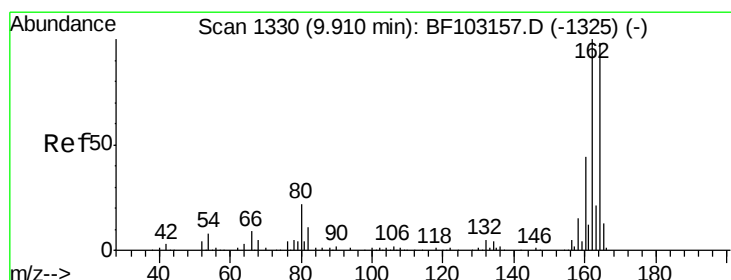
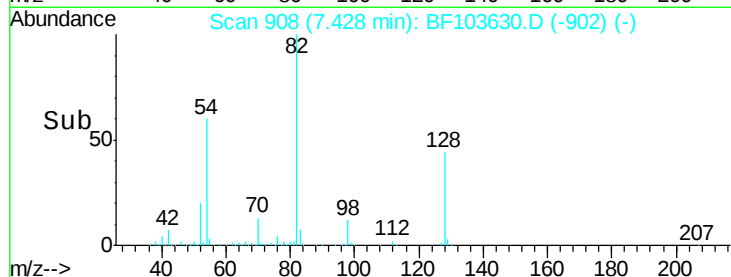
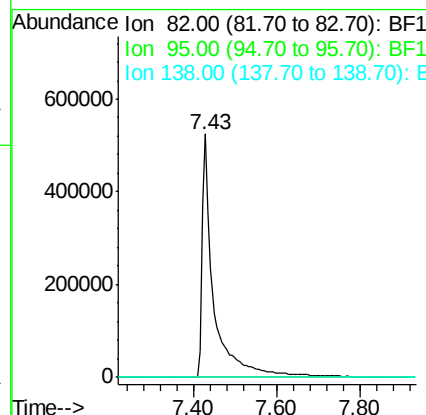
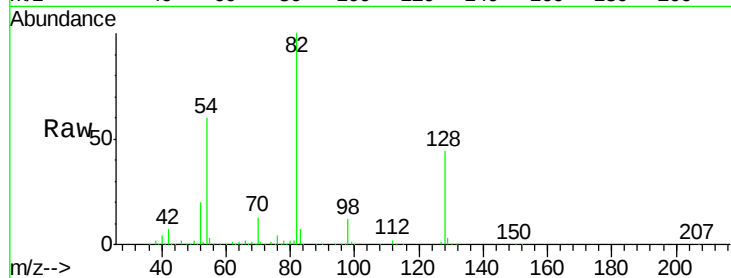
Tot Ion: 82 Resp: 1018867

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

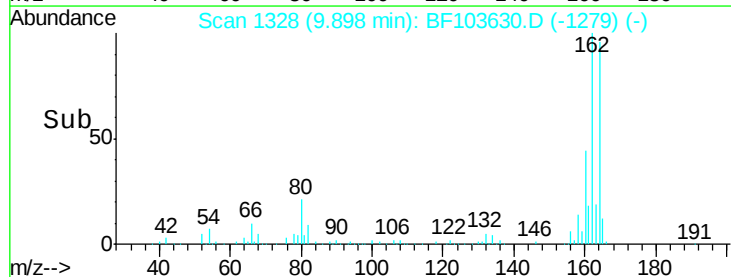
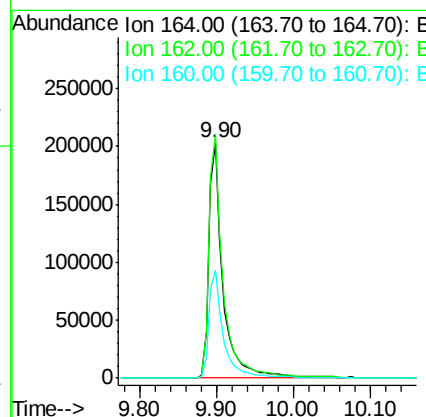
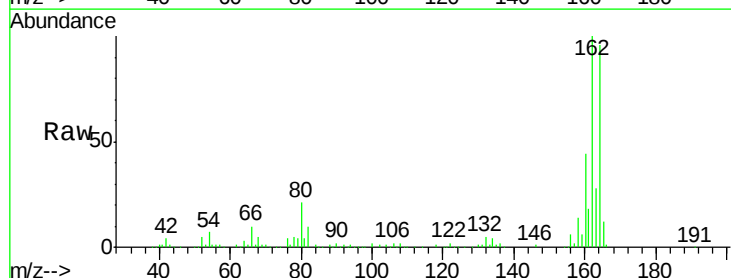
Tgt Ion:164 Resp: 260992

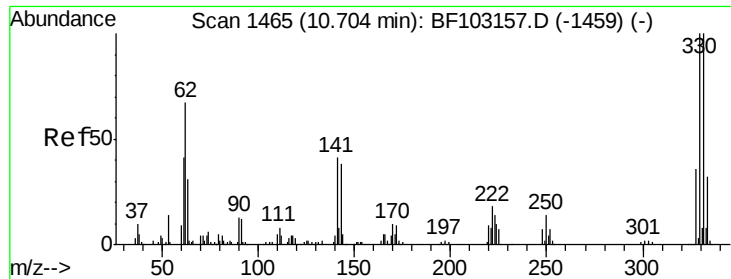
Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

160 46.1 38.3 57.5

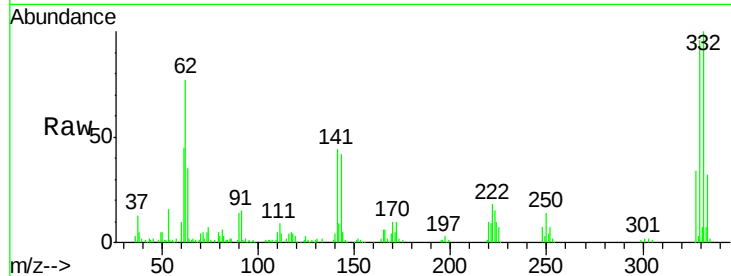




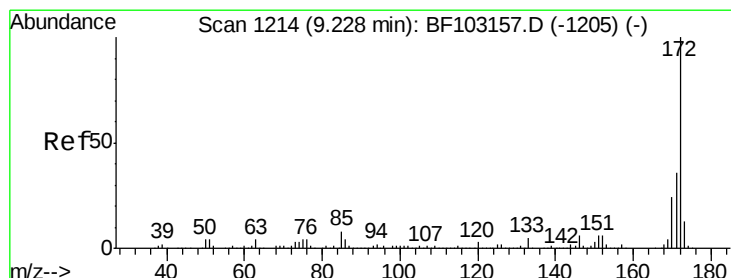
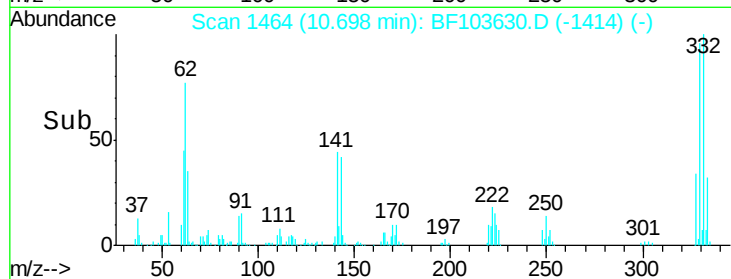
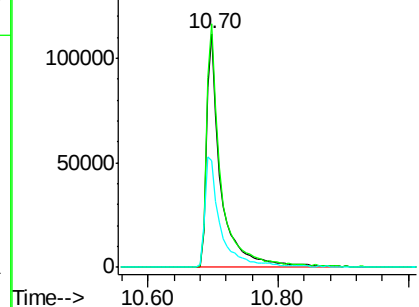
#41
 2,4,6-Tribromophenol
 Concen: 76.598 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103630.D
 Acq: 14 Mar 2018 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.0	115.6
141	51.7	29.9	44.9

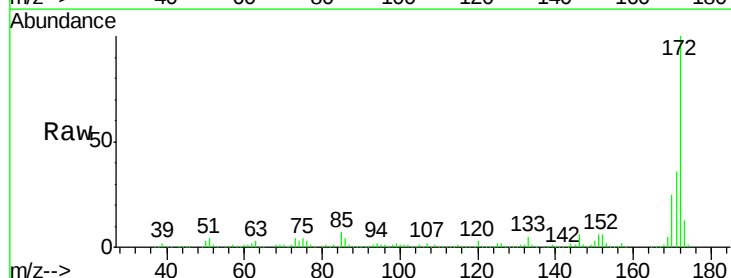


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

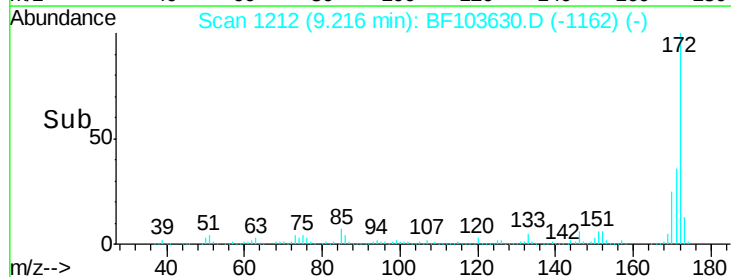
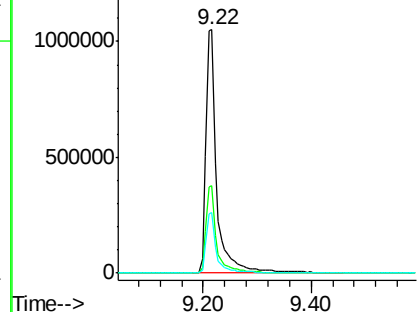


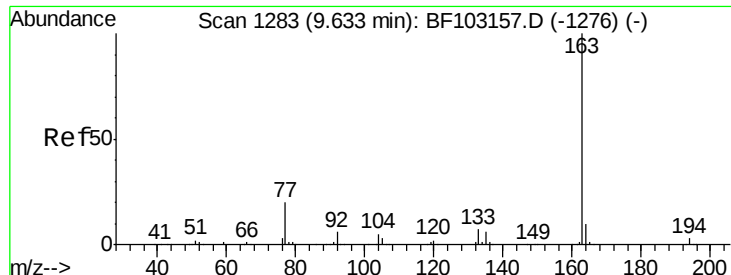
#44
 2-Fluorobiphenyl
 Concen: 101.686 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103630.D
 Acq: 14 Mar 2018 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	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

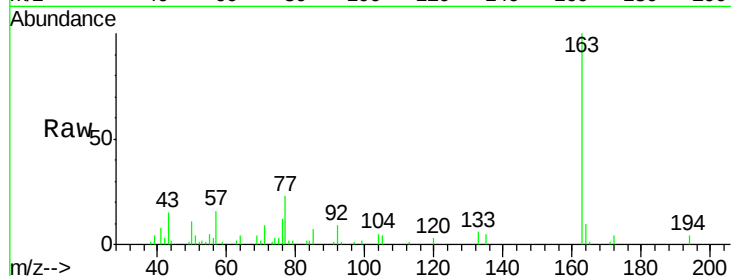




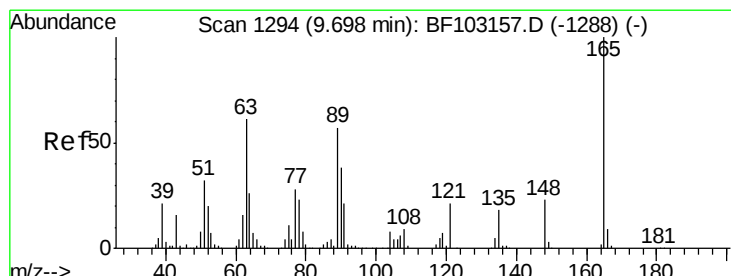
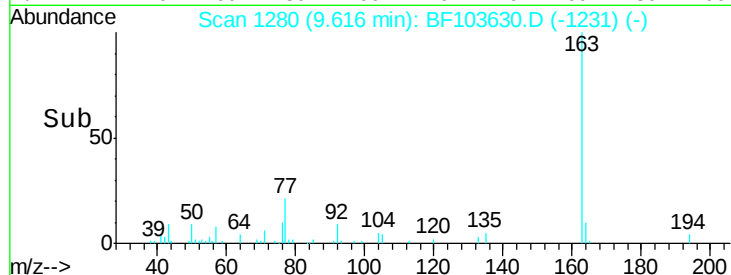
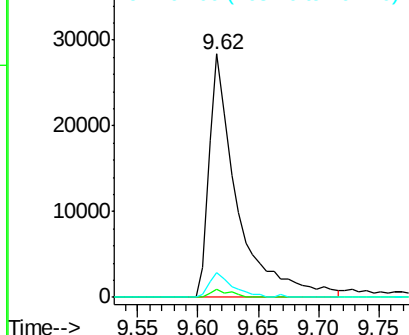
#49
Dimethylphthalate
Concen: 2.178 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 45601
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.0 8.2 12.2

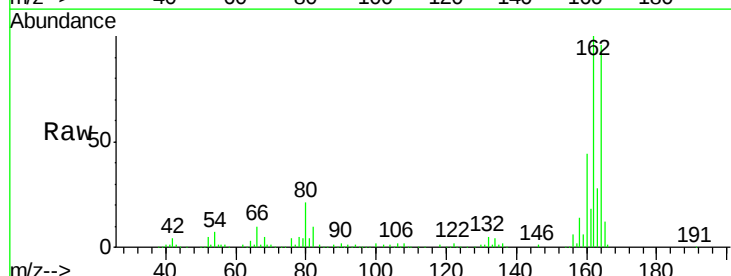


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

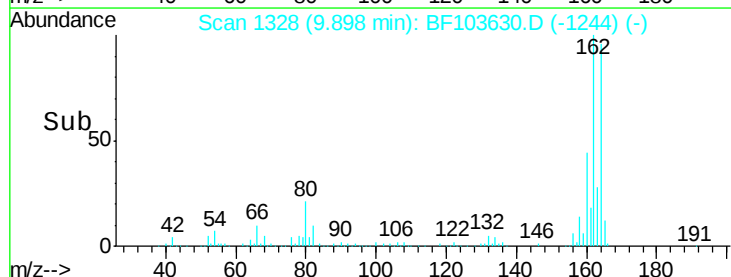
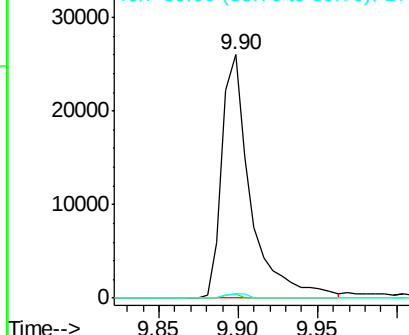


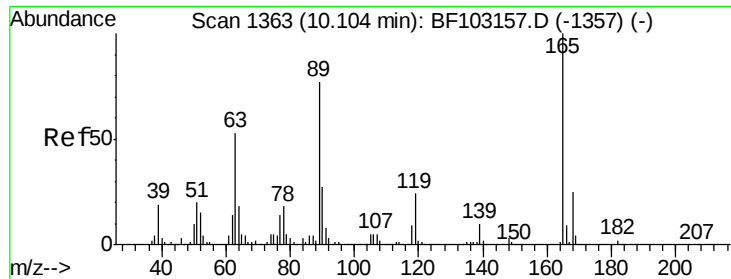
#50
2,6-Dinitrotoluene
Concen: 7.471 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Tgt Ion:165 Resp: 32826
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.7 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

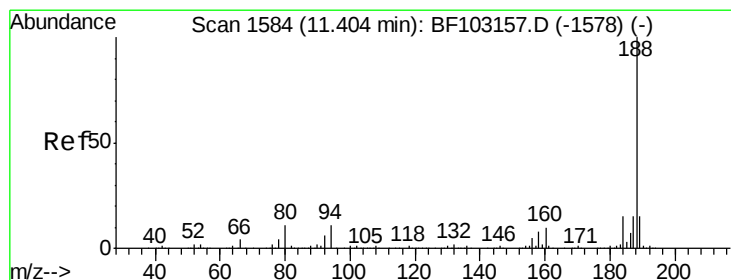
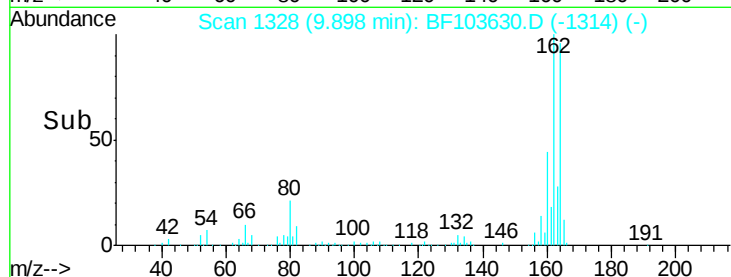
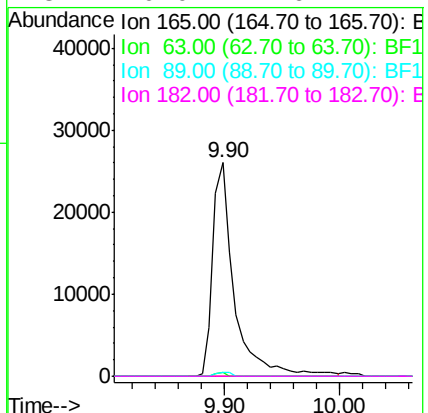
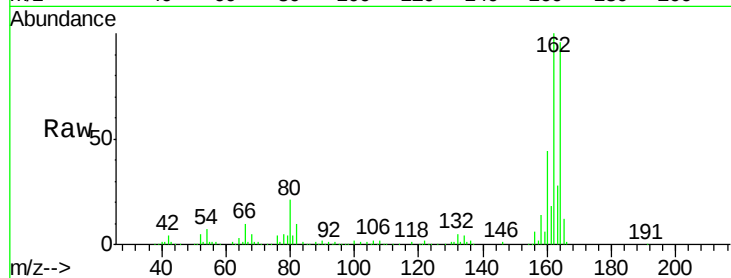




#56
2,4-Dinitrotoluene
Concen: 6.075 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

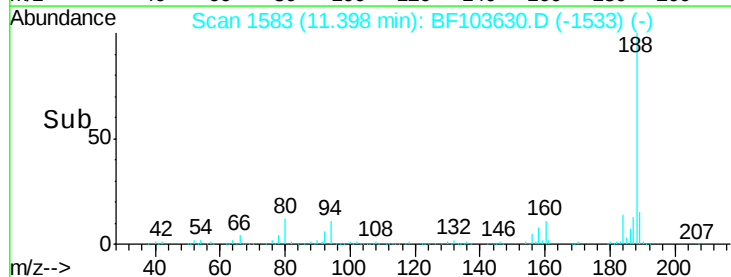
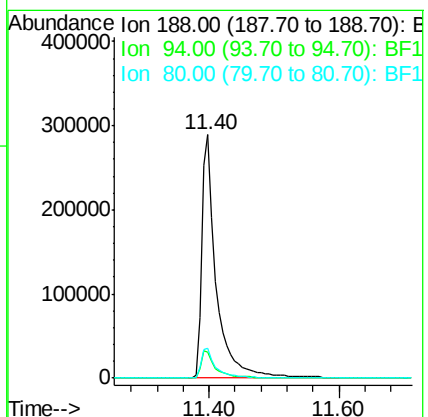
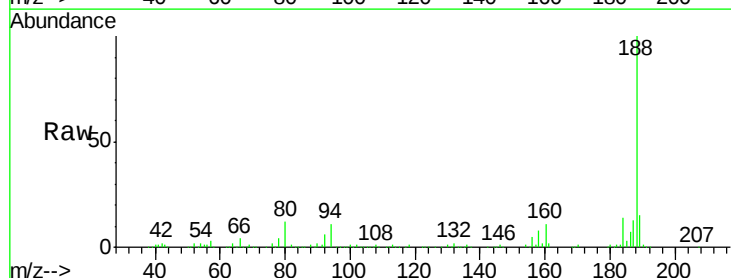
Instrument :
BNA_F
ClientSampleId :

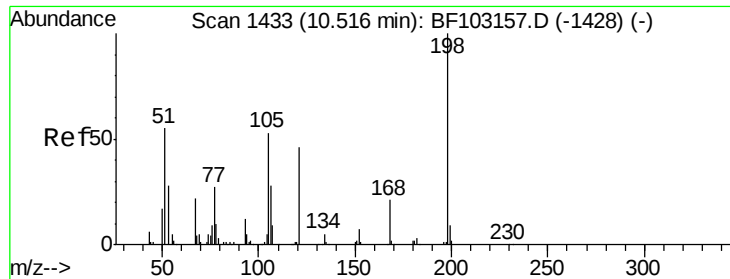
Tot Ion:	165	Resp:	33758
Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Tgt Ion:	188	Resp:	444357
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.1	9.2	13.8

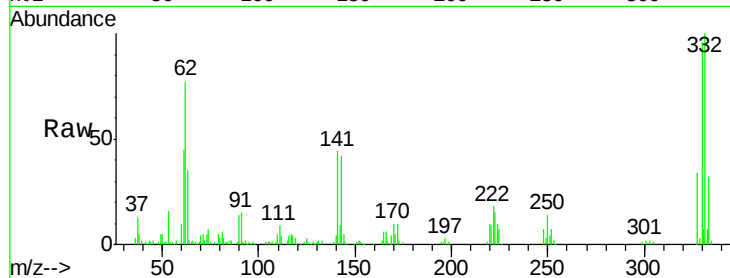




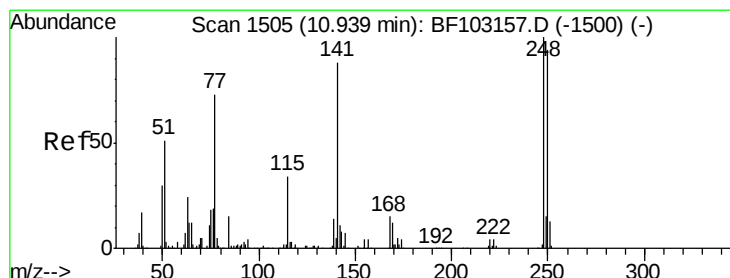
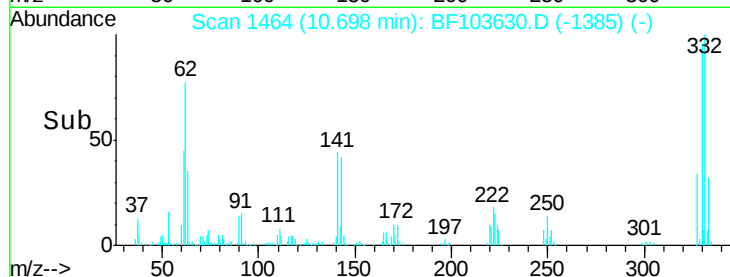
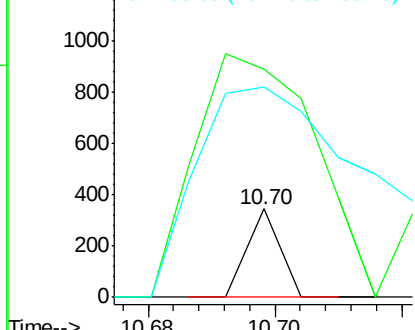
#64
4,6-Dinitro-2-methylphenol
Concen: 4.985 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 258.4 37.7 77.7#
105 238.4 36.3 76.3#

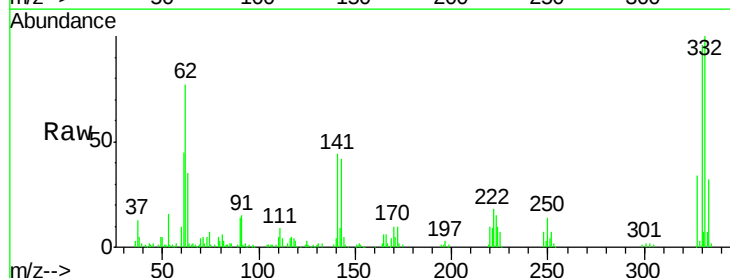


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

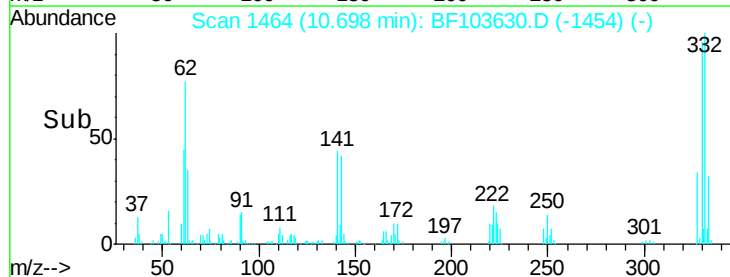
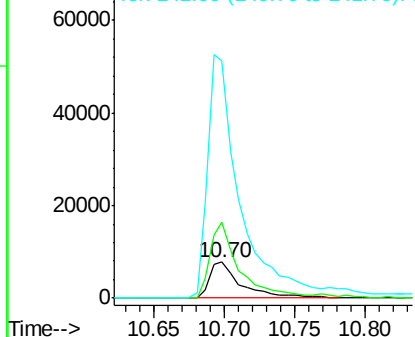


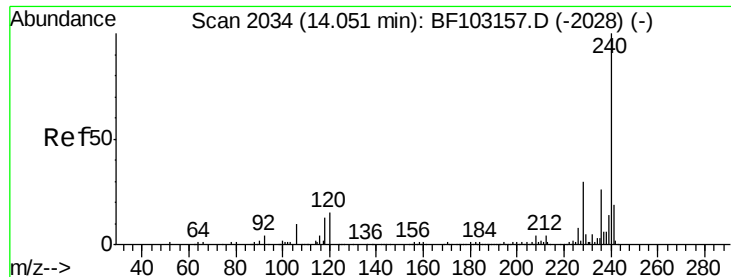
#66
4-Bromophenyl-phenylether
Concen: 2.626 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103630.D
Acq: 14 Mar 2018 5:02

Tgt Ion:248 Resp: 12156
Ion Ratio Lower Upper
248 100
250 210.4 76.9 115.3#
141 657.0 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: BF103630.D

Acq: 14 Mar 2018 5:02

Instrument :

BNA_F

ClientSampleId :

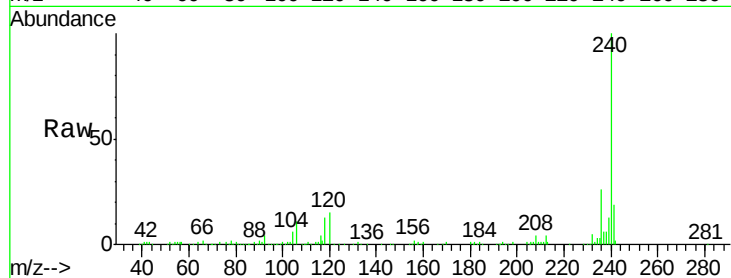
Tot Ion:240 Resp: 239987

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

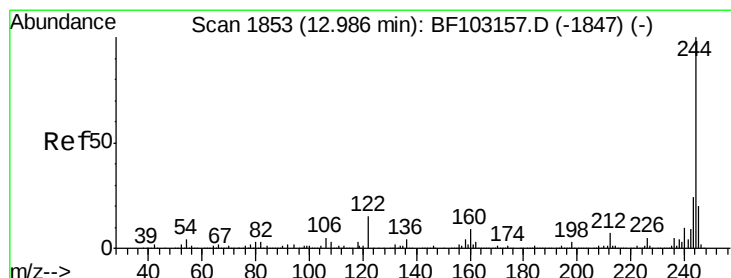
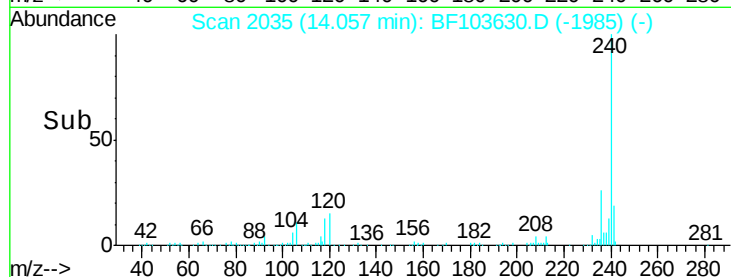
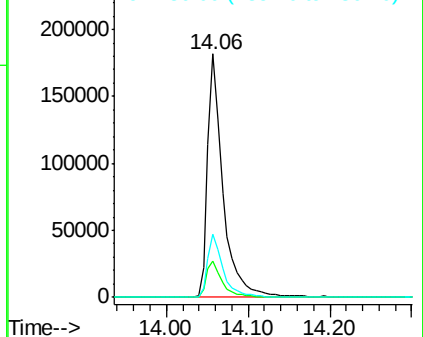
236 26.1 20.7 31.1



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: 99.148 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103630.D

Acq: 14 Mar 2018 5:02

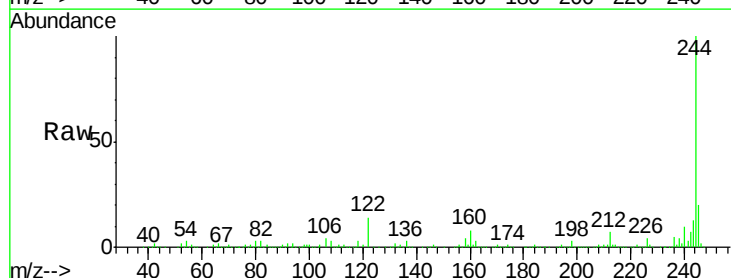
Tgt Ion:244 Resp: 989829

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

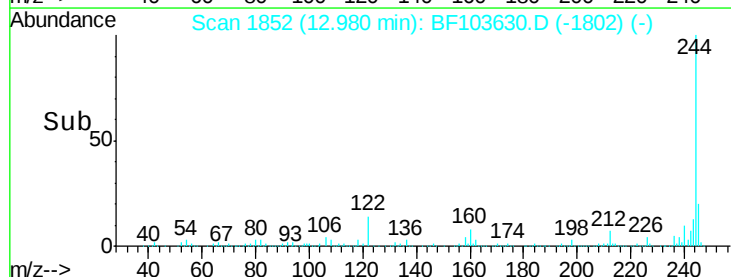
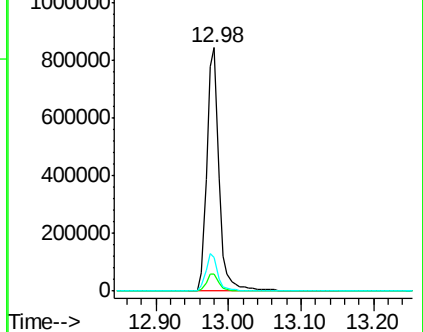
122 14.0 11.0 16.4

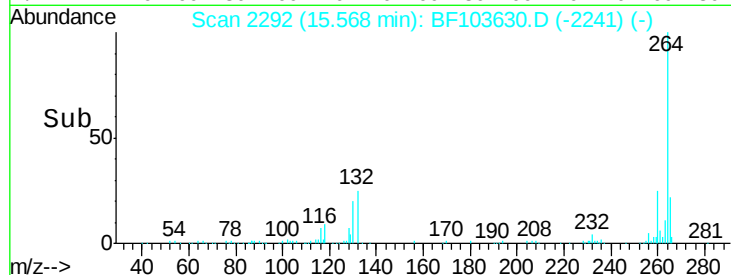
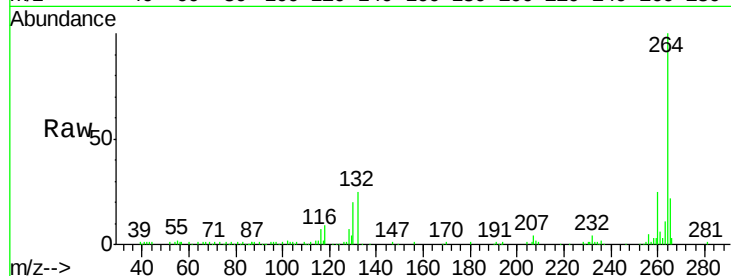
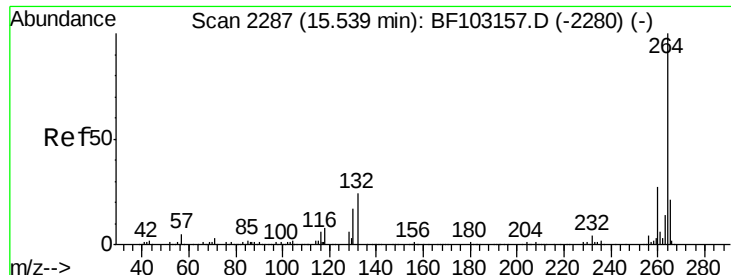


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103630.D
 Acq: 14 Mar 2018 5:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	225006
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.7	17.5	26.3

