

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103634.D
 Acq On : 14 Mar 2018 6:48
 Operator : SJ/JU
 Sample : J1895-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:12:51 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

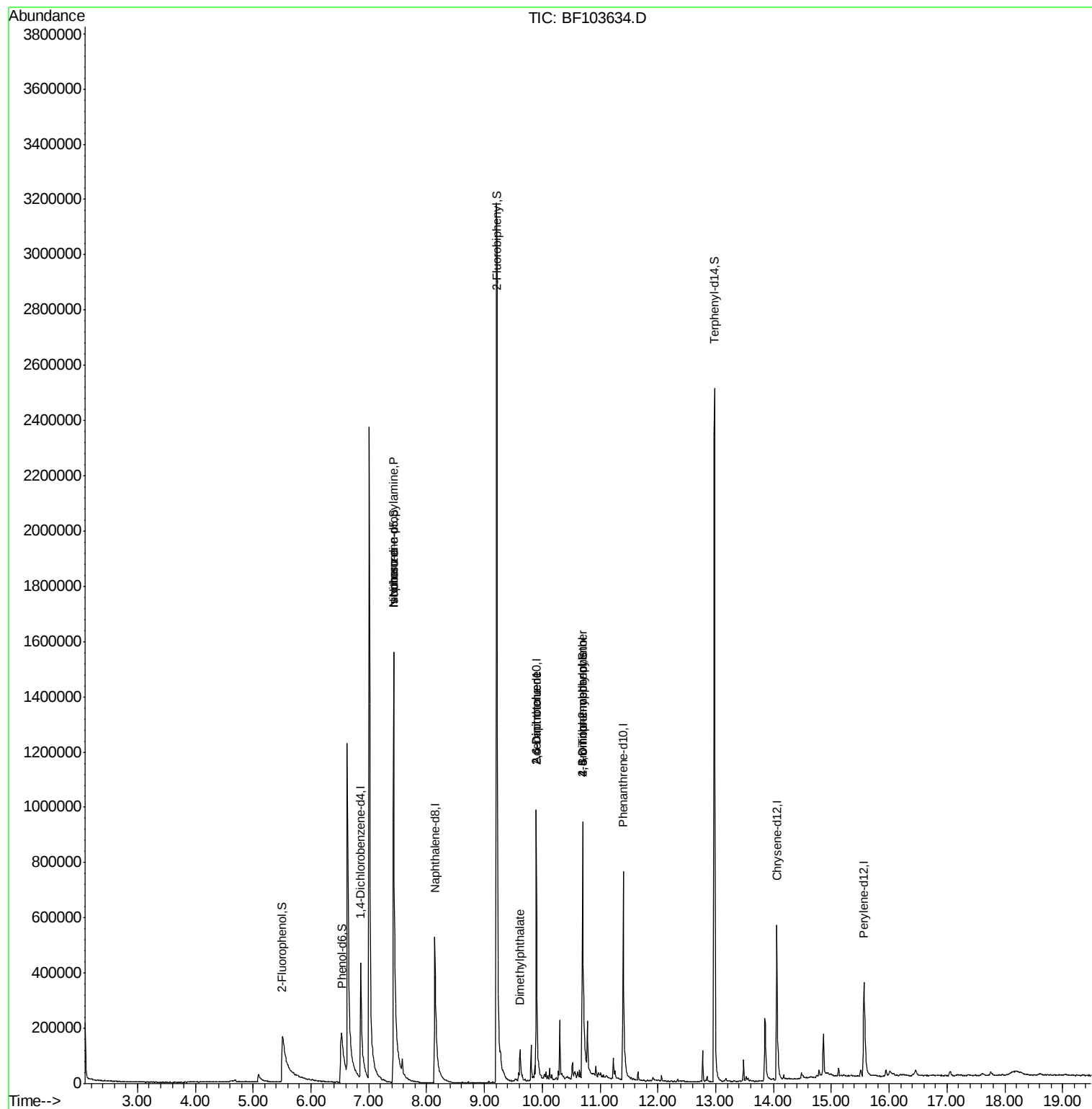
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	136604	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	594316	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	258693	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	449325	20.00	ng	0.00
75) Chrysene-d12	14.06	240	262525	20.00	ng	0.00
86) Perylene-d12	15.57	264	246213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	261655	28.97	ng	0.02
7) Phenol-d6	6.53	99	221897	20.08	ng	0.02
23) Nitrobenzene-d5	7.43	82	983292	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	155294	70.92	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1443945	100.32	ng	-0.01
78) Terphenyl-d14	12.98	244	1006956	92.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	123189	17.909	ng	# 82
25) Isophorone	7.43	82	990355	48.319	ng	# 64
49) Dimethylphthalate	9.62	163	71699	3.455	ng	# 99
50) 2,6-Dinitrotoluene	9.90	165	32209	7.396	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	33021	5.995	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.69	198	286	5.039	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11527	2.463	ng	# 1

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

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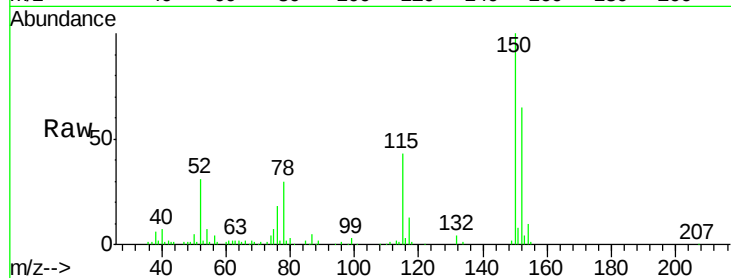


#1

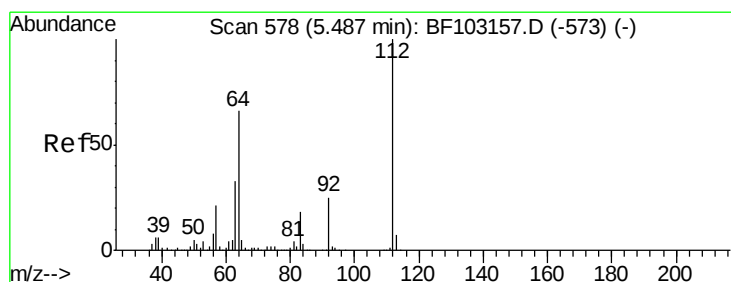
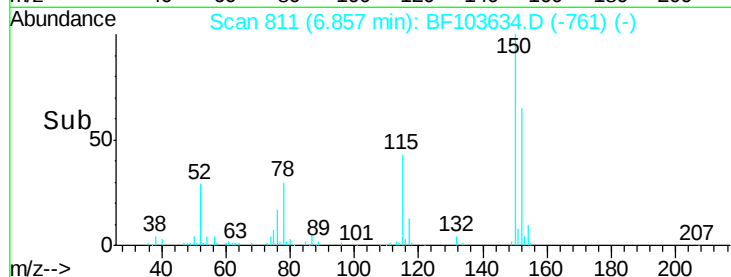
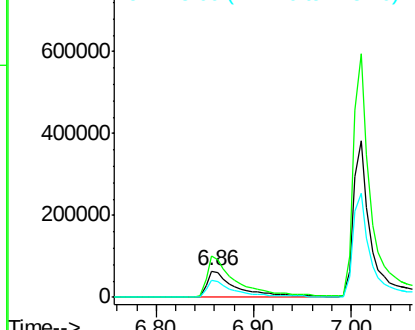
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	65.7	50.1	75.1



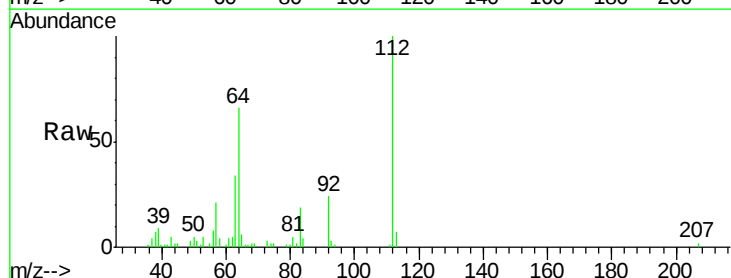
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



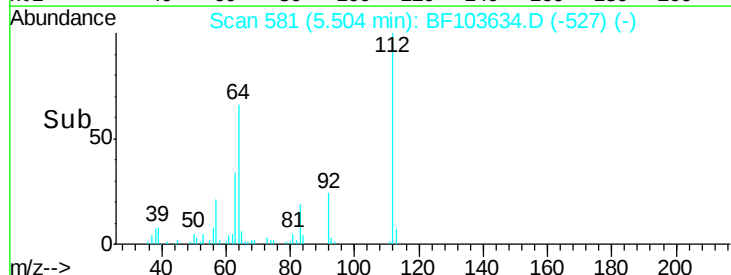
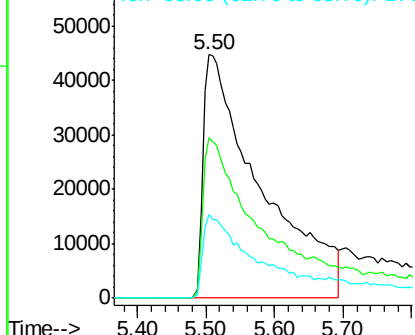
#5

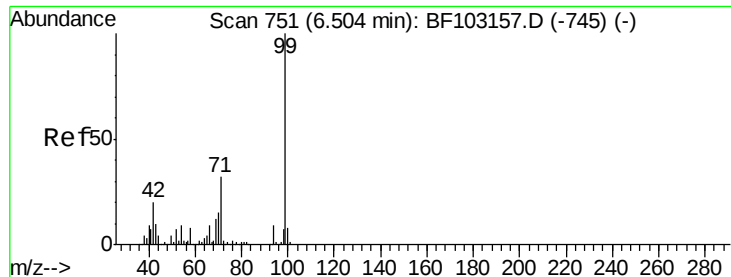
2-Fluorophenol
Concen: 28.969 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	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: 20.077 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

Instrument :

BNA_F

ClientSampleId :

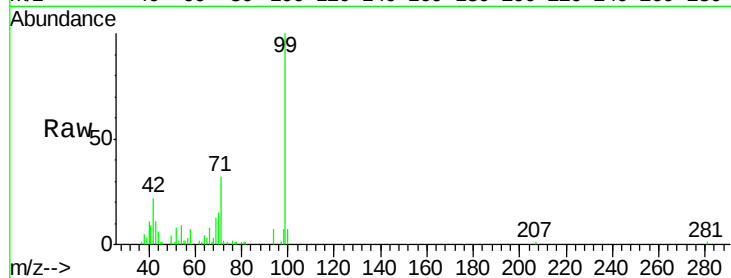
Tot Ion: 99 Resp: 221897

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

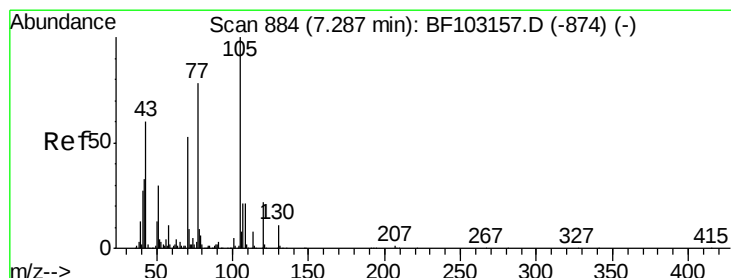
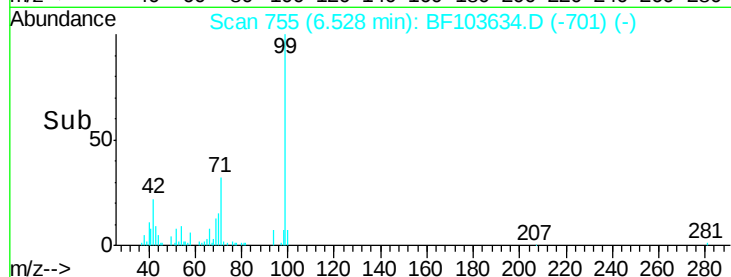
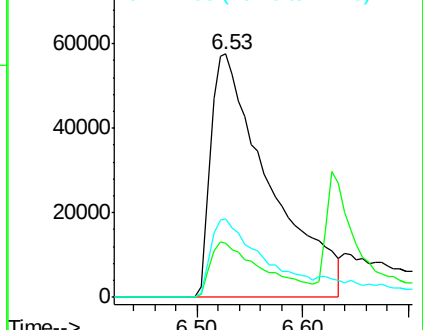
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.909 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

Tgt Ion: 70 Resp: 123189

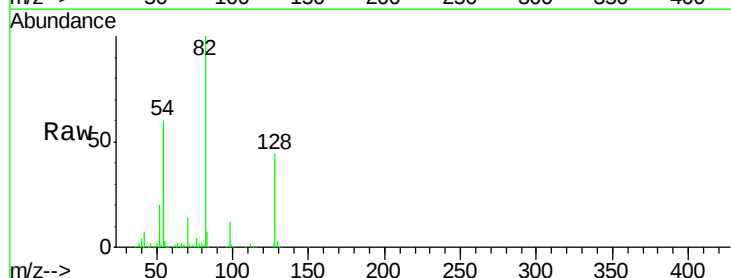
Ion Ratio Lower Upper

70 100

42 53.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

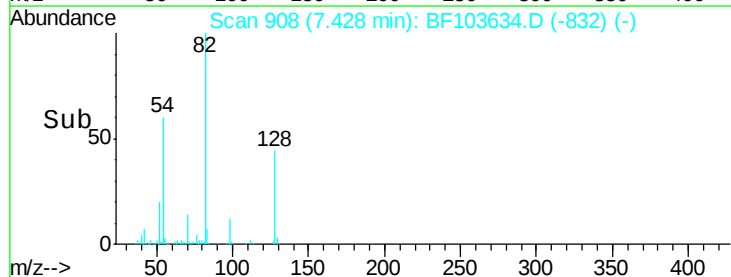
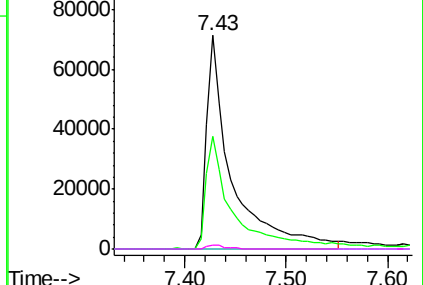


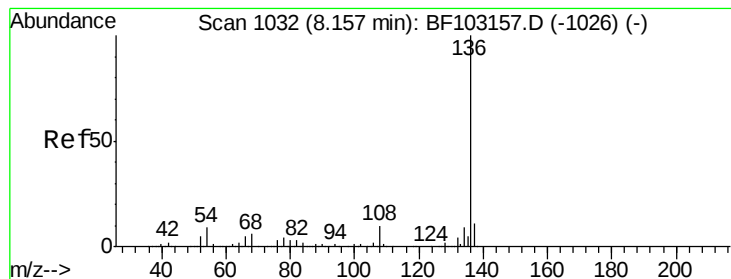
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1030

Delta R.T. -0.01 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 594316

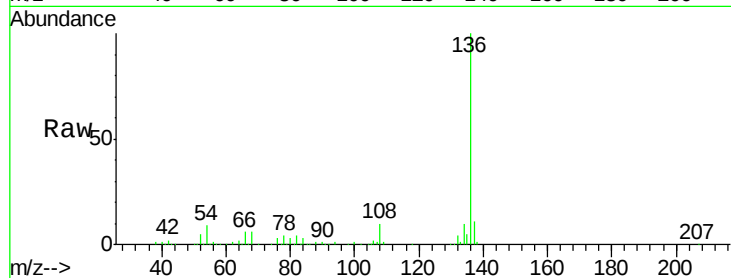
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.2 6.6 9.8

68 6.4 5.0 7.4

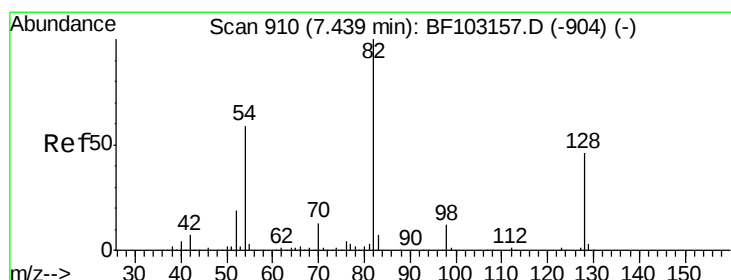
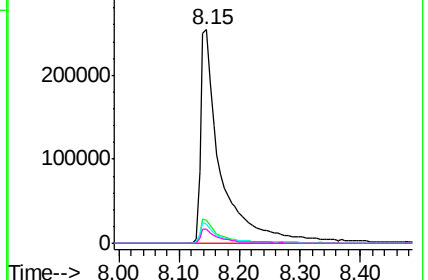
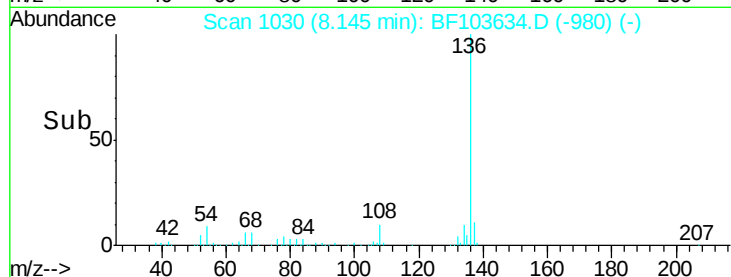


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.486 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

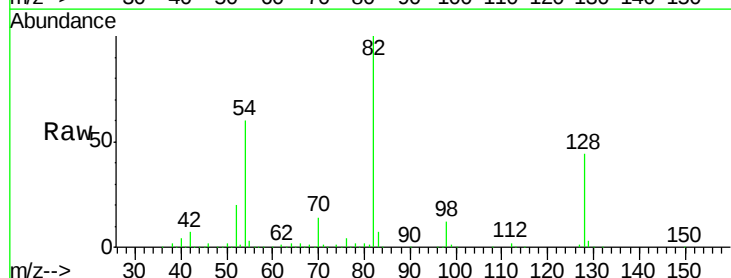
Tgt Ion: 82 Resp: 983292

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

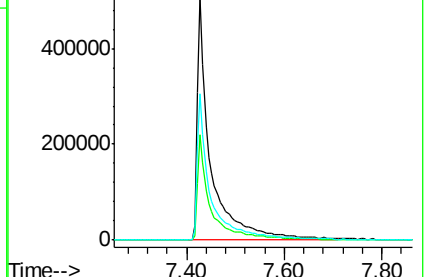
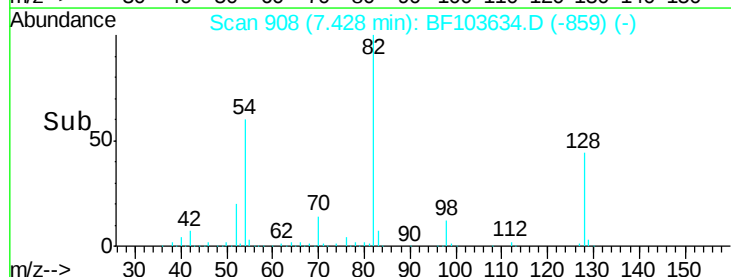
54 60.3 41.4 62.2

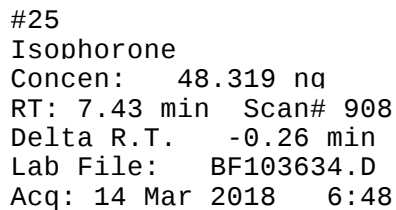


Abundance Ion 82.00 (81.70 to 82.70): BF1

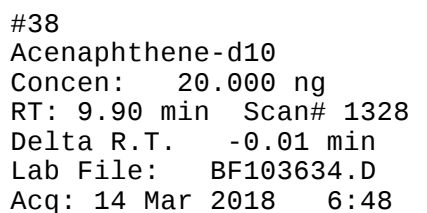
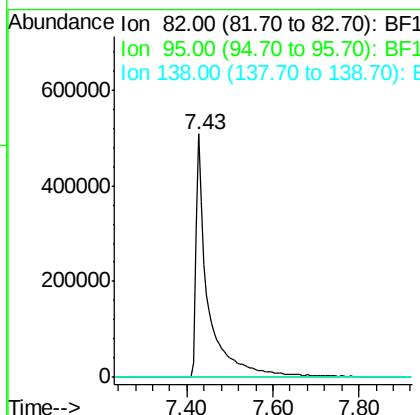
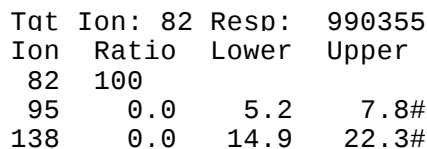
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

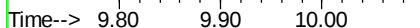
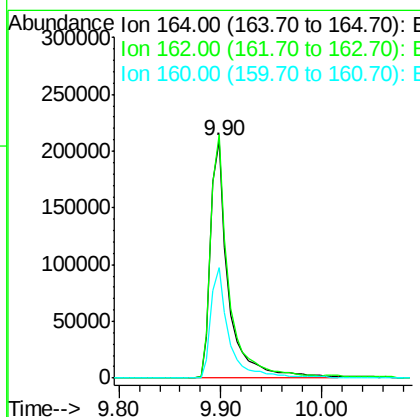


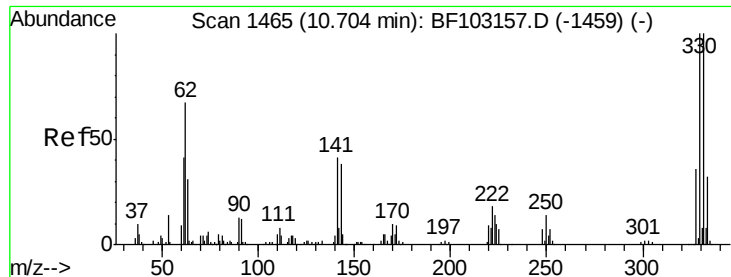


Instrument :
BNA_F
ClientSampleId :



Tgt	Ion:164	Resp:	258693
Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	46.8	38.3	57.5

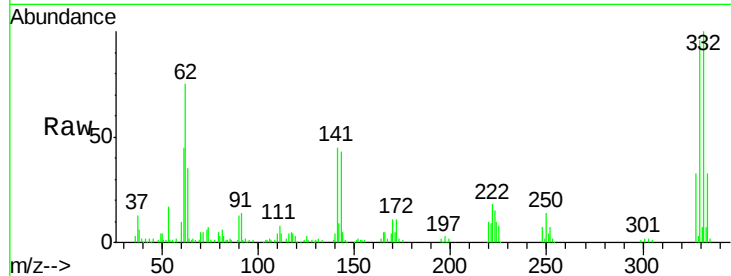




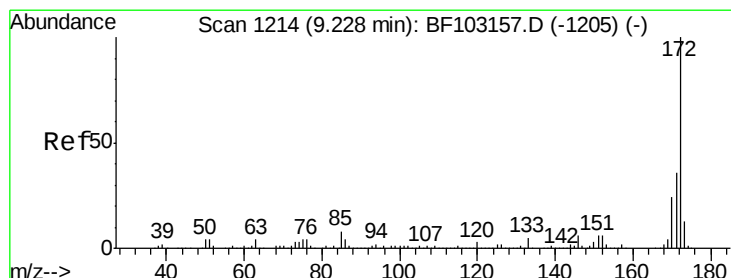
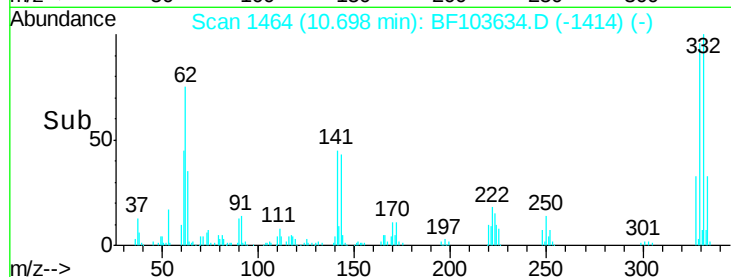
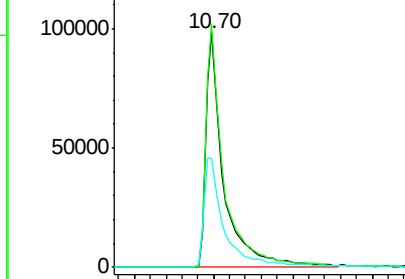
#41
 2,4,6-Tribromophenol
 Concen: 70.920 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103634.D
 Acq: 14 Mar 2018 6:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 155294
 Ion Ratio Lower Upper
 330 100
 332 103.8 77.0 115.6
 141 53.5 29.9 44.9#

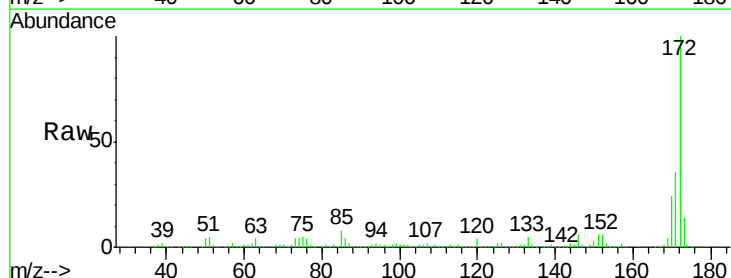


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

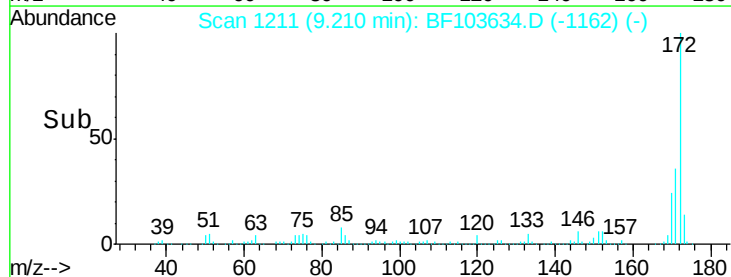
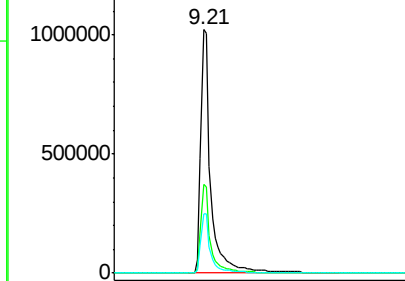


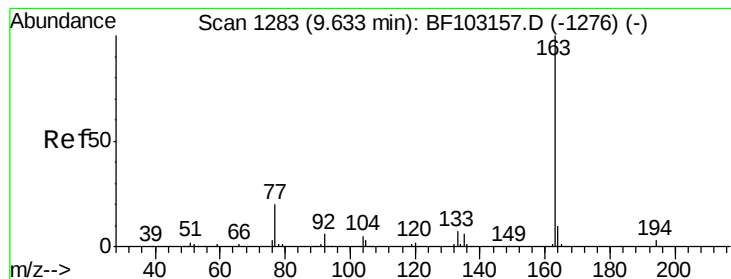
#44
 2-Fluorobiphenyl
 Concen: 100.321 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103634.D
 Acq: 14 Mar 2018 6:48

Tgt Ion:172 Resp: 1443945
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 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: 3.455 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

Instrument :

BNA_F

ClientSampled :

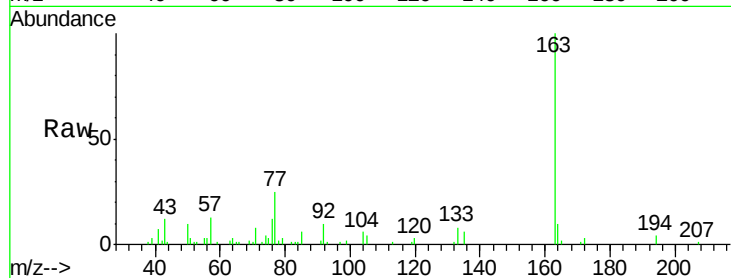
Tot Ion:163 Resp: 71699

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

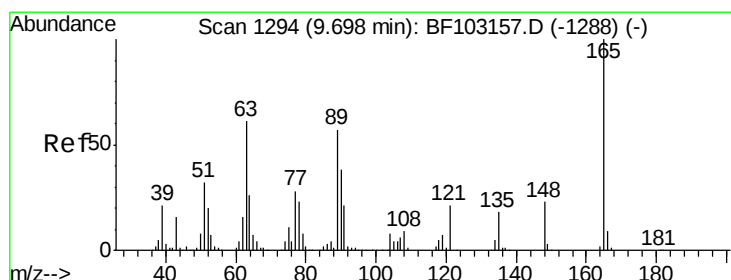
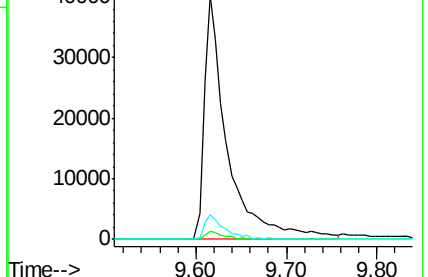
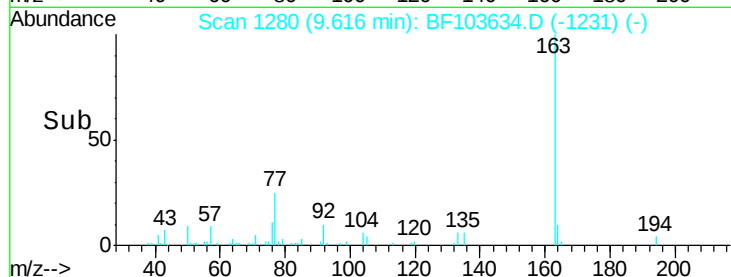
164 10.4 8.2 12.2



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: 7.396 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.19 min

Lab File: BF103634.D

Acq: 14 Mar 2018 6:48

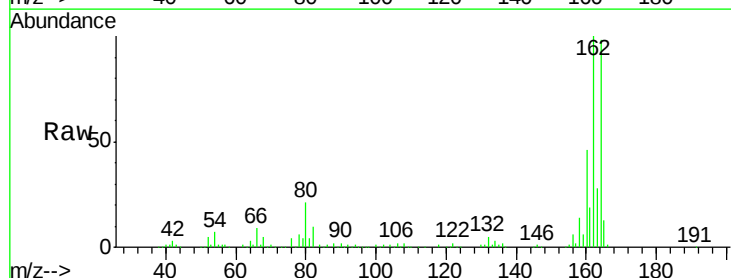
Tgt Ion:165 Resp: 32209

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

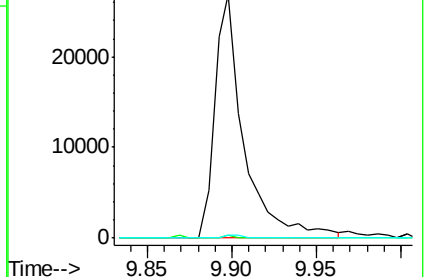
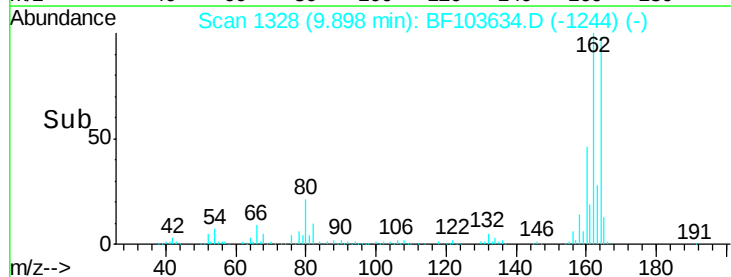
89 1.4 44.0 66.0#

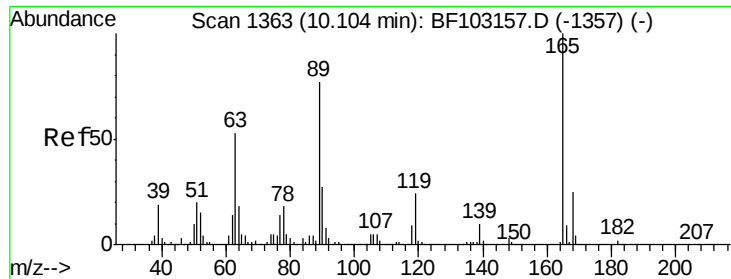


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

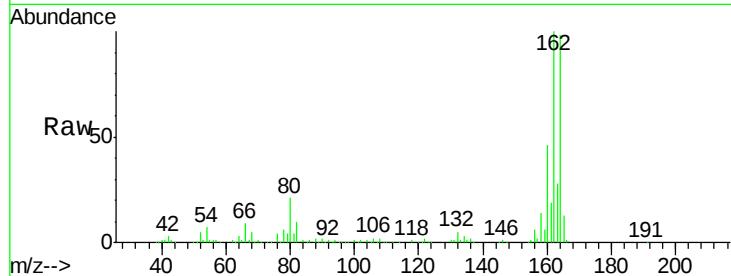




#56
2,4-Dinitrotoluene
Concen: 5.995 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



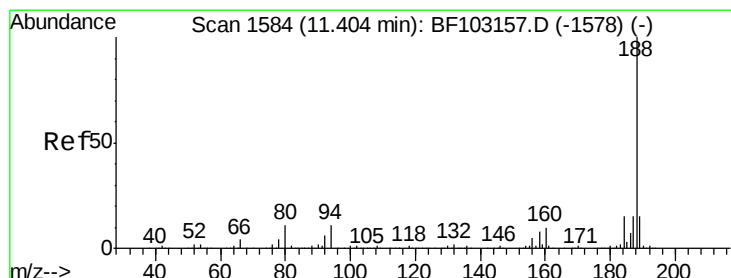
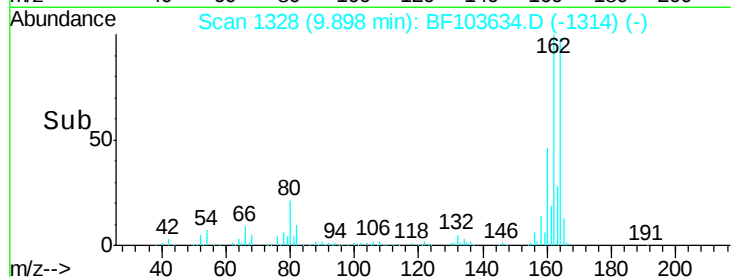
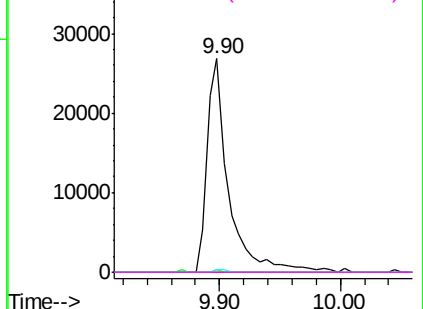
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

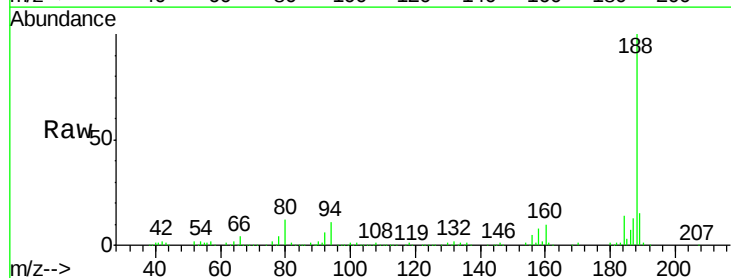
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.6	9.2	13.8

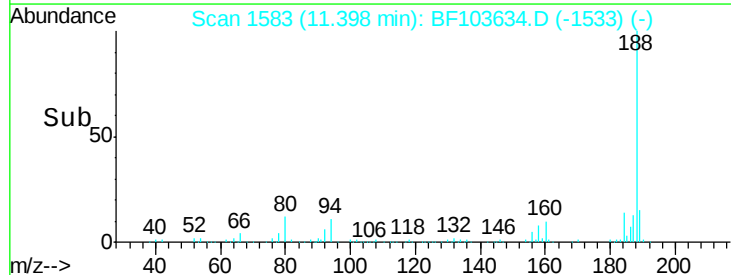
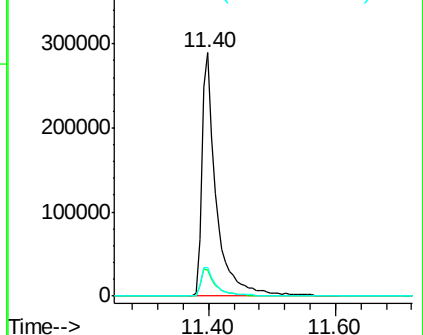


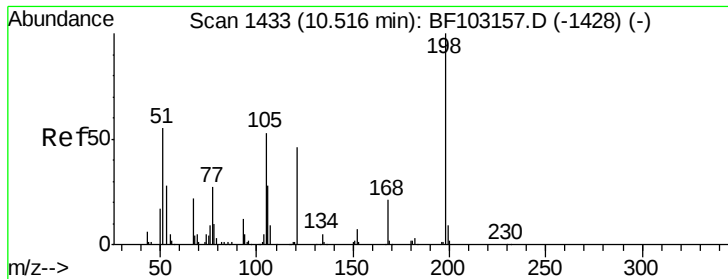
Abundance

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

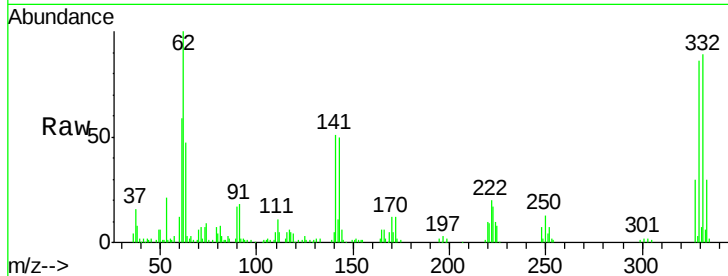




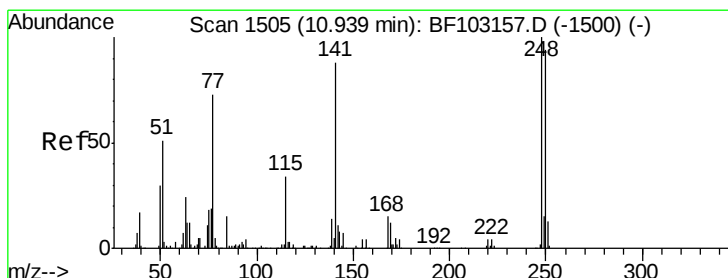
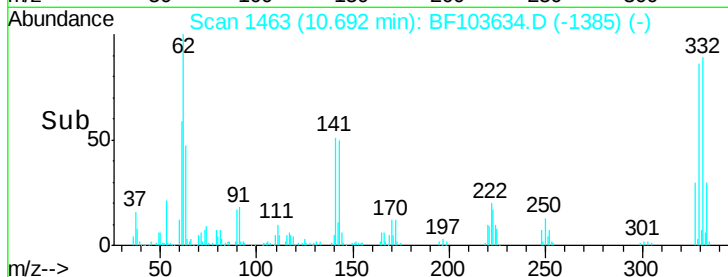
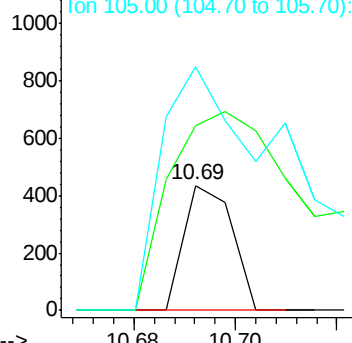
#64
4,6-Dinitro-2-methylphenol
Concen: 5.039 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 286
Ion Ratio Lower Upper
198 100
51 147.5 37.7 77.7#
105 194.5 36.3 76.3#

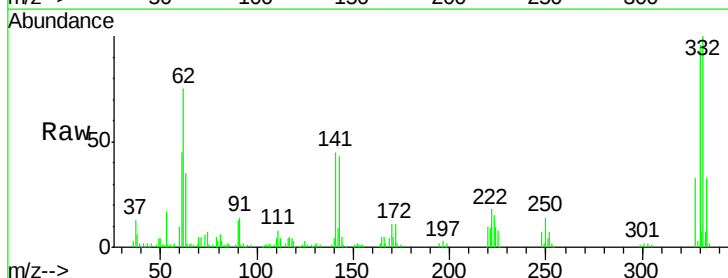


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

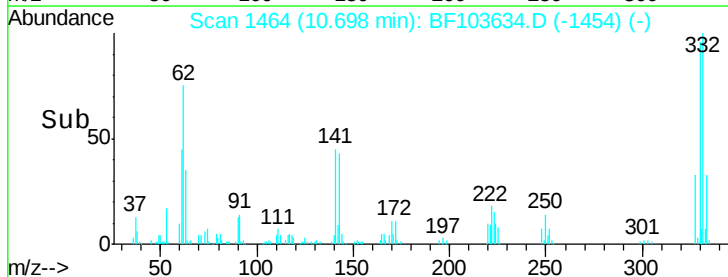
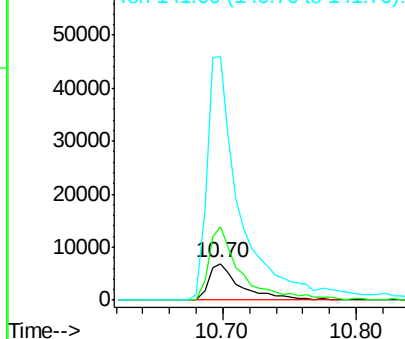


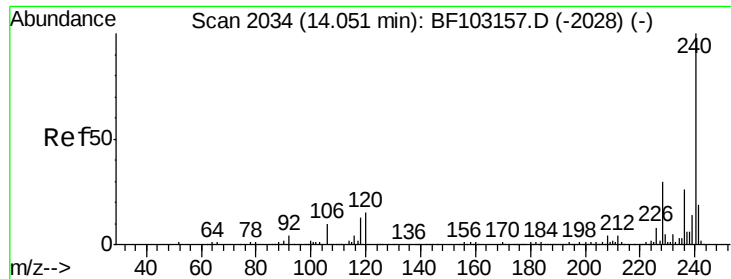
#66
4-Bromophenyl-phenylether
Concen: 2.463 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tgt Ion:248 Resp: 11527
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 661.1 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

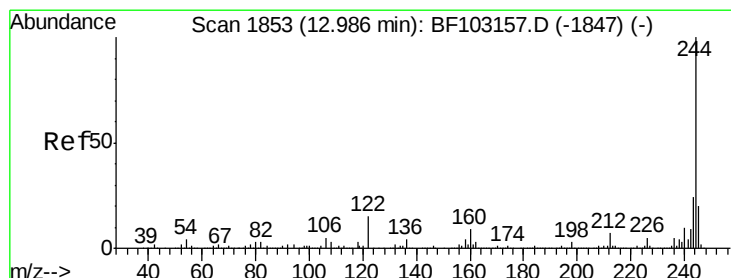
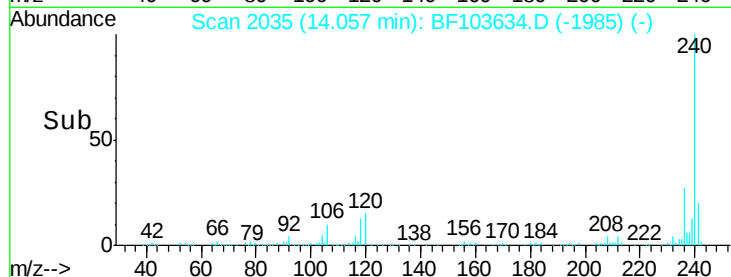
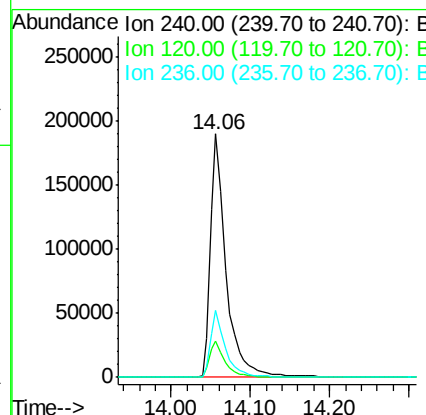
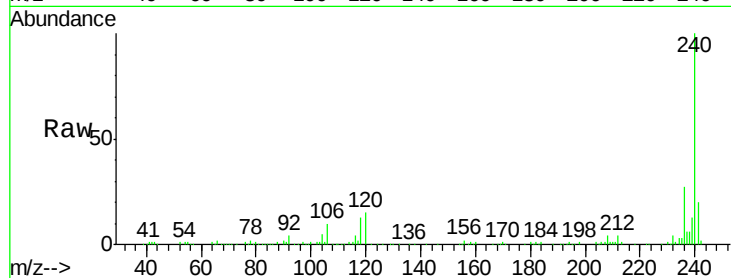




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

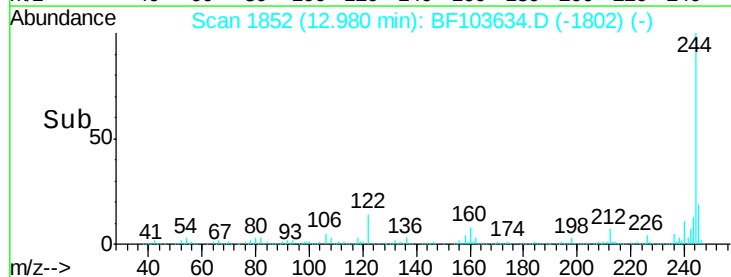
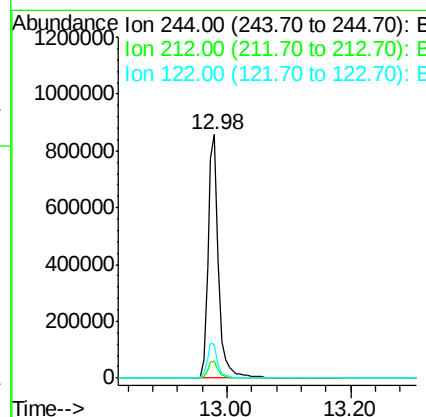
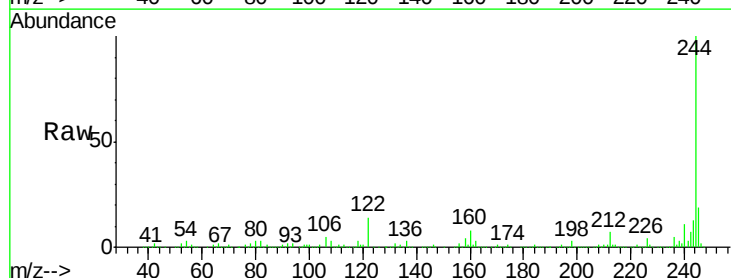
Instrument :
BNA_F
ClientSampleId :

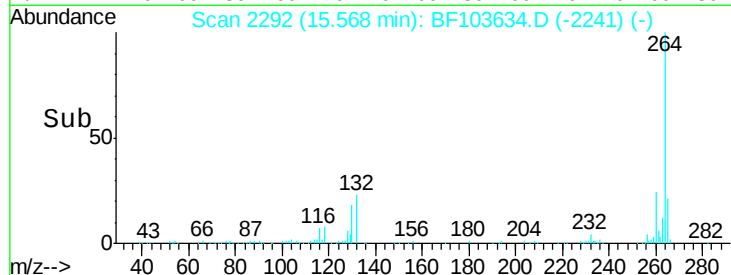
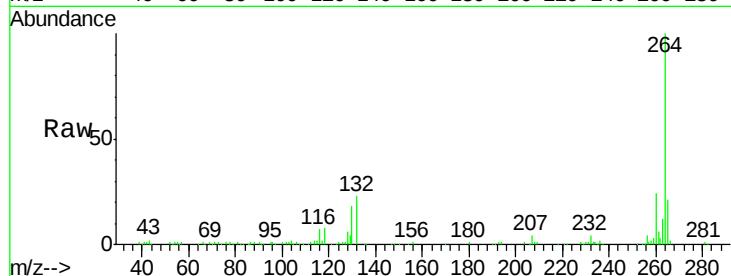
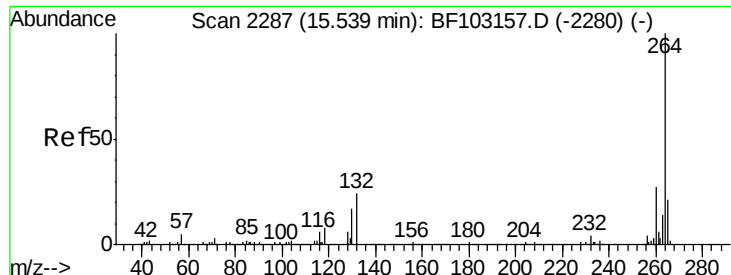
Tot Ion:240 Resp: 262525
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 27.5 20.7 31.1



#78
Terphenyl-d14
Concen: 92.204 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Tgt Ion:244 Resp: 1006956
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.7 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103634.D
Acq: 14 Mar 2018 6:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

