

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103599.D
 Acq On : 13 Mar 2018 13:01
 Operator : SJ/JU
 Sample : PB107261BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 14:07:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 13 14:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	139013	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	600074	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	269961	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	501699	20.00	ng	0.00
75) Chrysene-d12	14.06	240	425336	20.00	ng	0.00
86) Perylene-d12	15.56	264	415827	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	946764	103.01	ng	0.00
7) Phenol-d6	6.50	99	1216455	108.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	776845	73.93	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	184735	80.84	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1171986	72.11	ng	0.00
78) Terphenyl-d14	12.98	244	1064738	60.18	ng	0.00

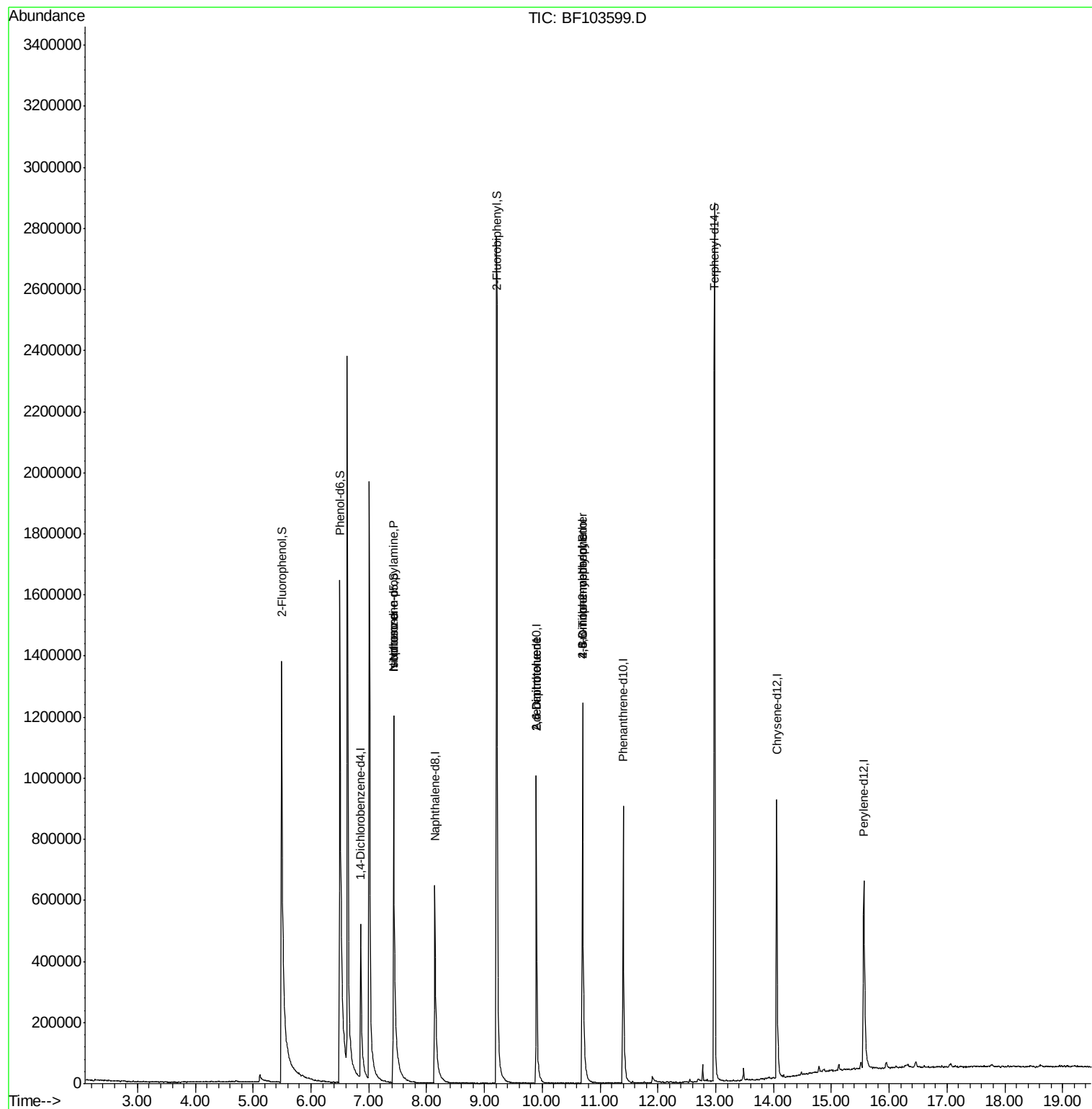
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1341	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	95552	13.651	ng	# 85
25) Isophorone	7.43	82	781659	37.771	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	33314	7.330	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	33670	5.858	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.69	198	409	5.066	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13486	2.580	ng	# 1

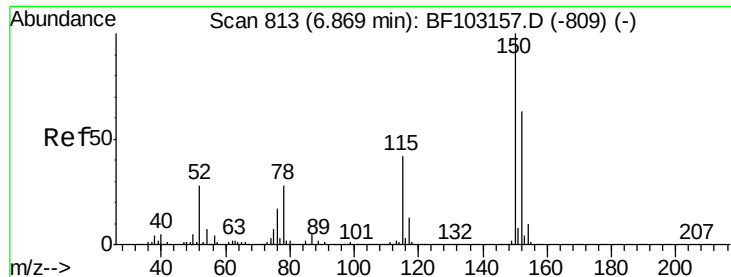
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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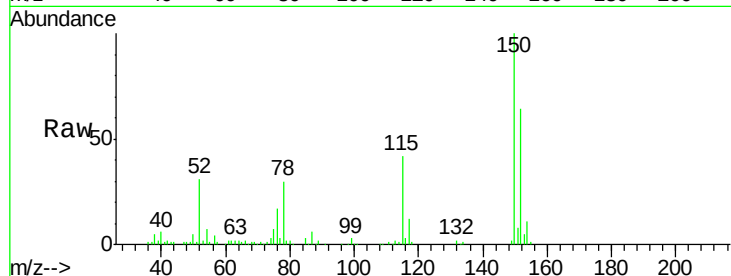


#1

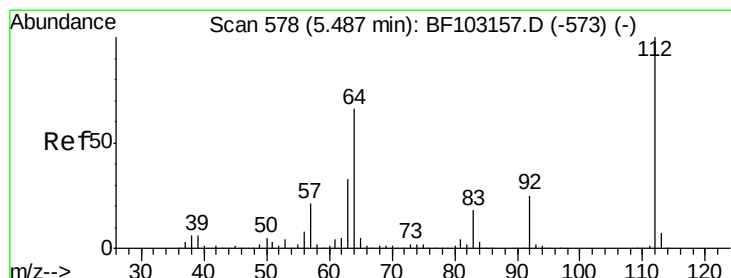
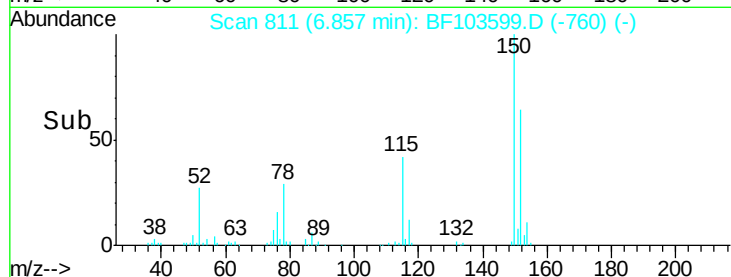
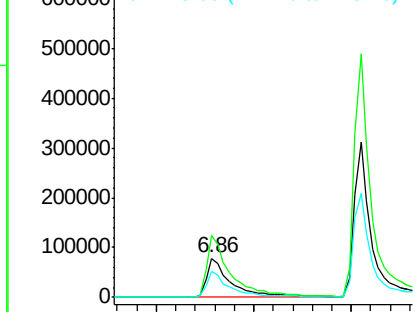
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	65.6	50.1	75.1



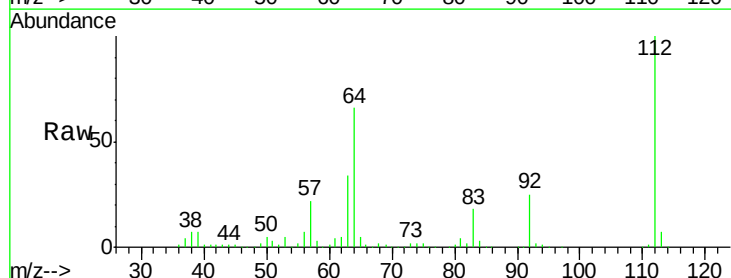
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



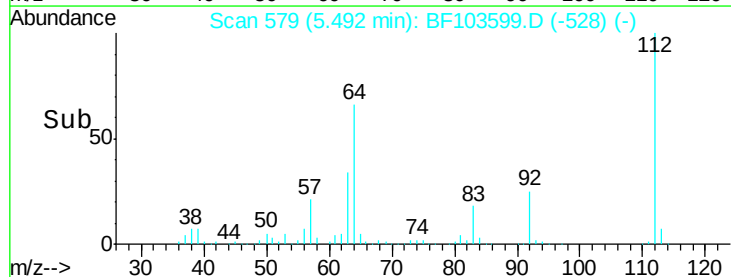
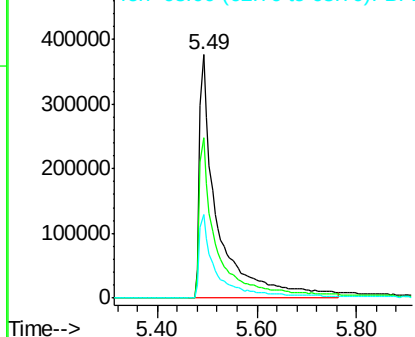
#5

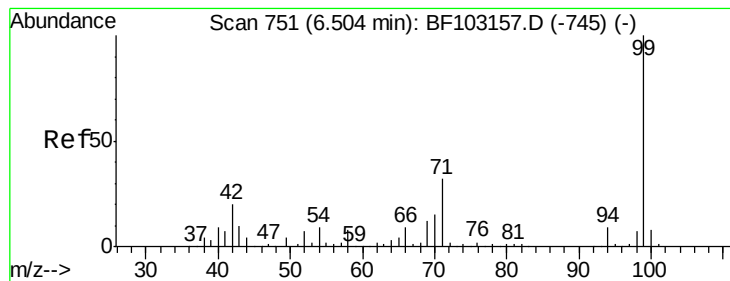
2-Fluorophenol
Concen: 103.006 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.3	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: 108.158 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103599.D

Acq: 13 Mar 2018 13:01

Instrument :

BNA_F

ClientSampleId :

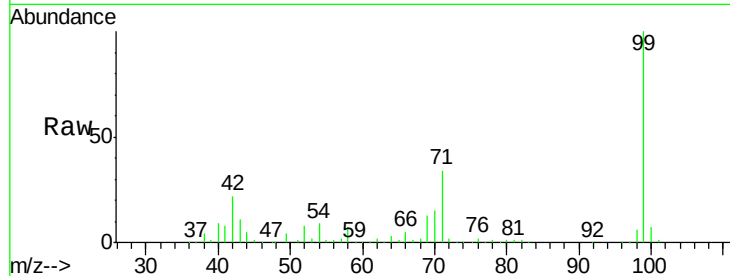
Tot Ion: 99 Resp: 1216455

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

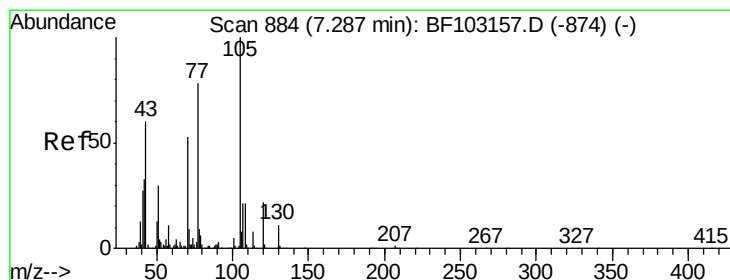
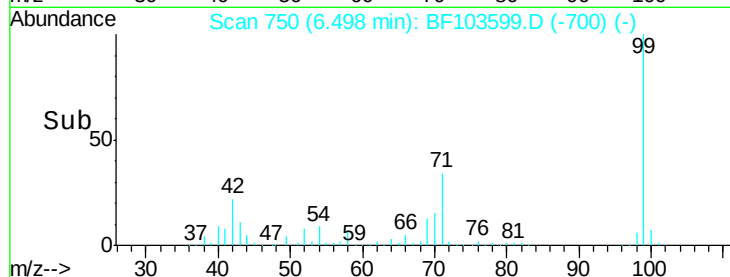
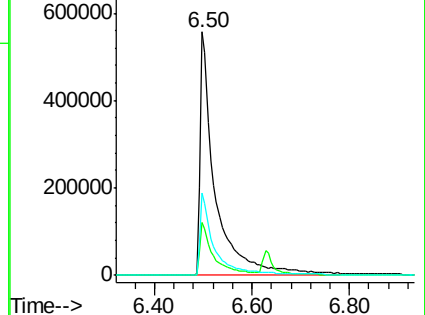
71 33.7 25.4 38.0



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: 13.651 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103599.D

Acq: 13 Mar 2018 13:01

Tgt Ion: 70 Resp: 95552

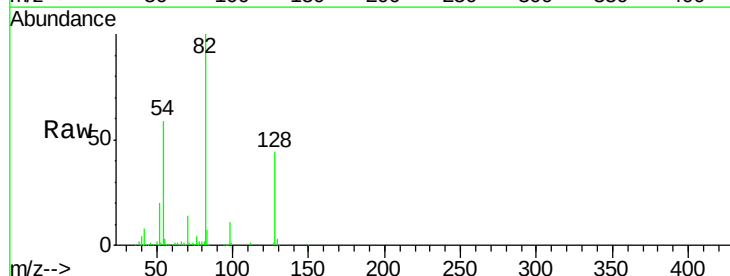
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

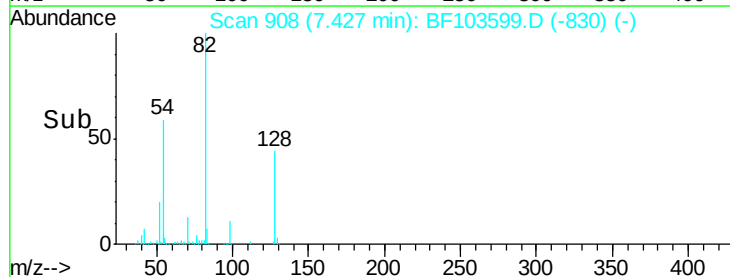
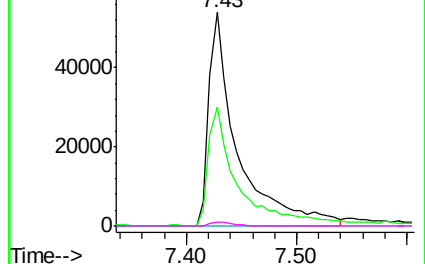


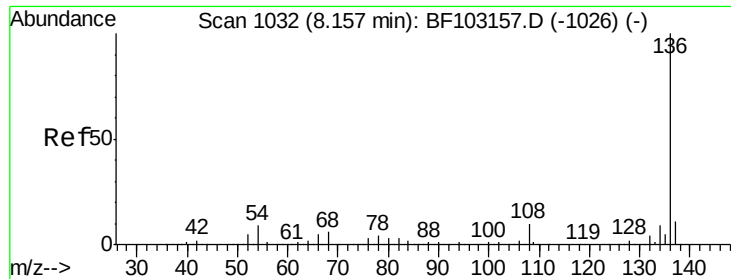
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

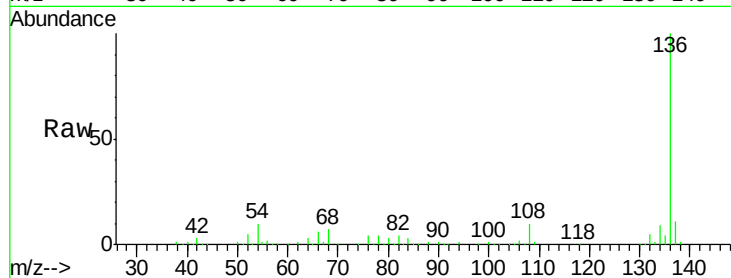




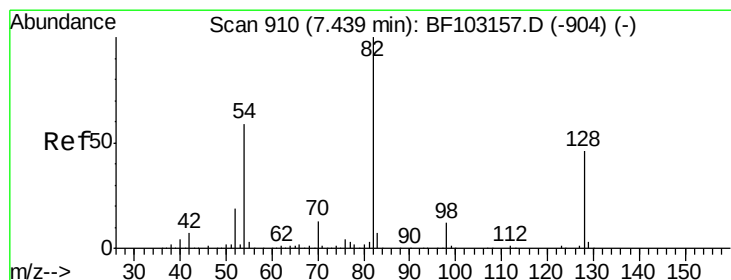
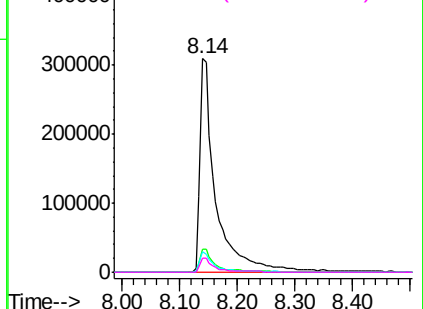
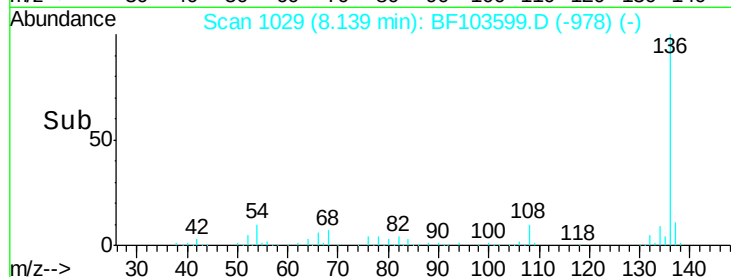
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 600074
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.8 6.6 9.8#
68 6.5 5.0 7.4

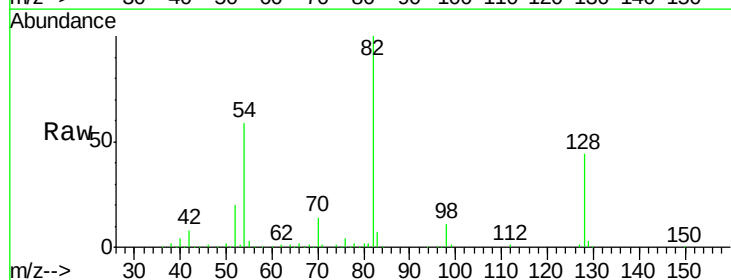


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

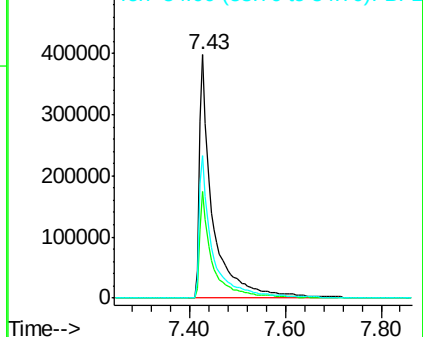
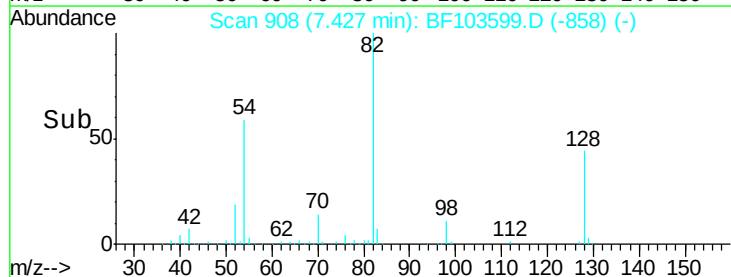


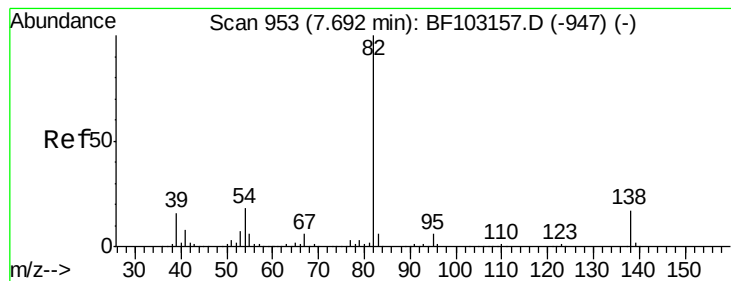
#23
Nitrobenzene-d5
Concen: 73.932 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Tgt Ion: 82 Resp: 776845
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 58.7 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: 37.771 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103599.D

Acq: 13 Mar 2018 13:01

Instrument :

BNA_F

ClientSampled :

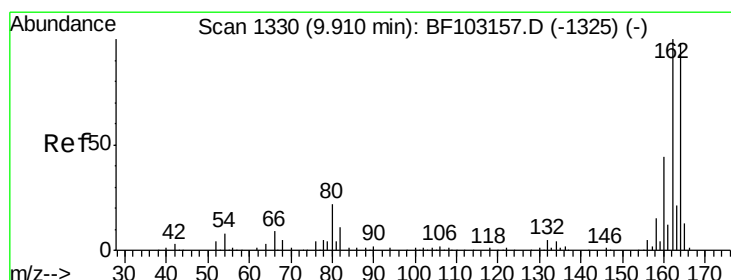
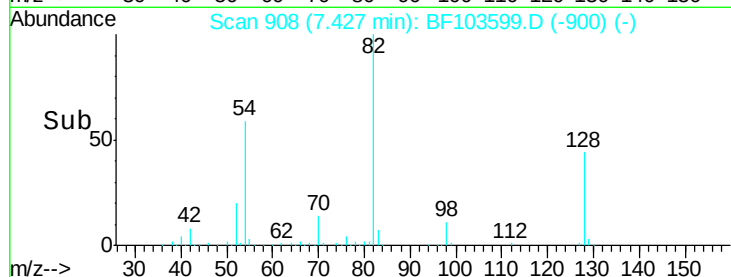
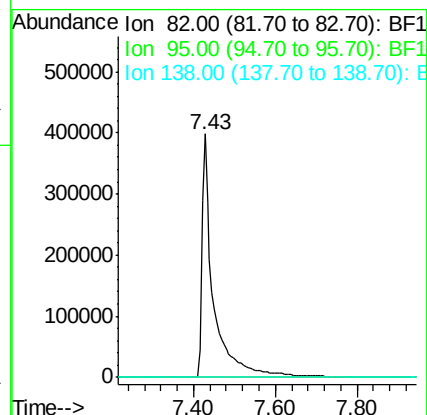
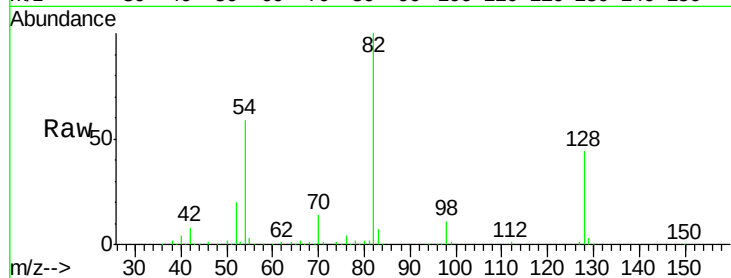
Tot Ion: 82 Resp: 781659

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. -0.00 min

Lab File: BF103599.D

Acq: 13 Mar 2018 13:01

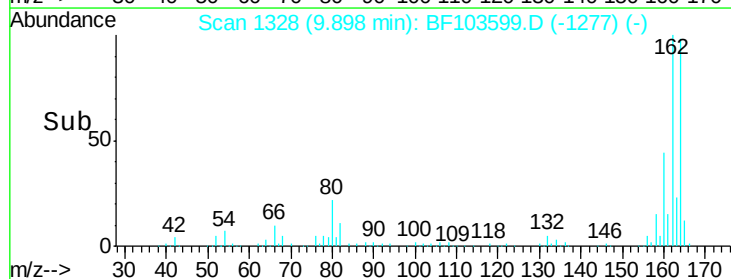
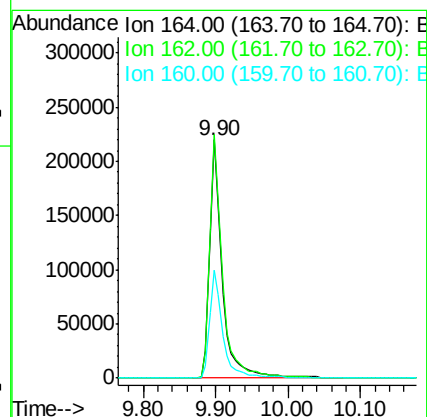
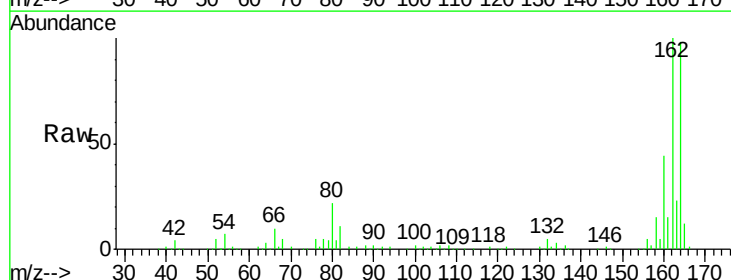
Tgt Ion:164 Resp: 269961

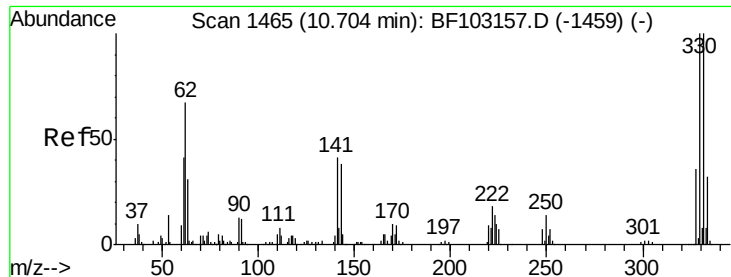
Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

160 45.1 38.3 57.5

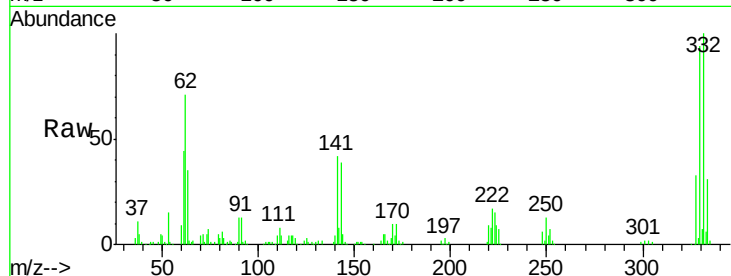




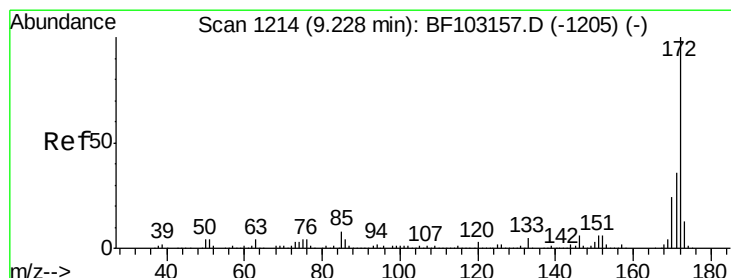
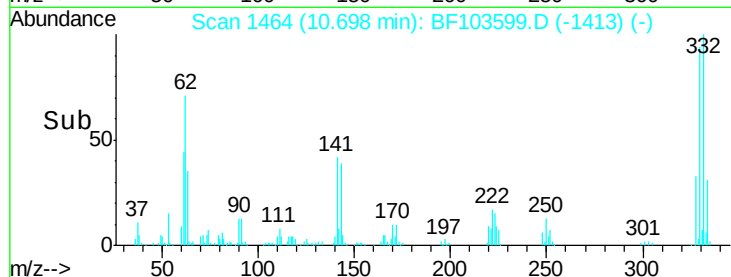
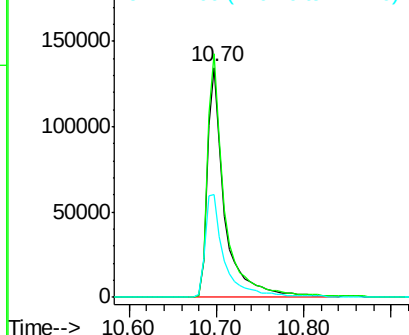
#41
 2,4,6-Tribromophenol
 Concen: 80.844 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	106.5	77.0	115.6
141	50.6	29.9	44.9#

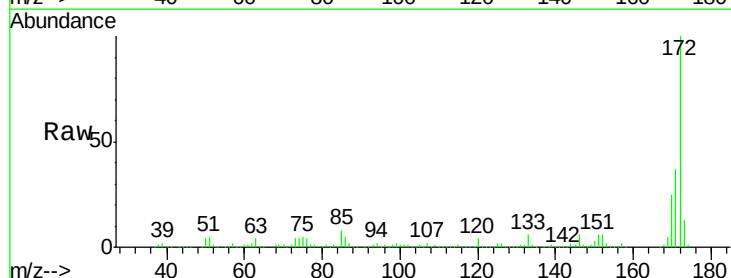


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

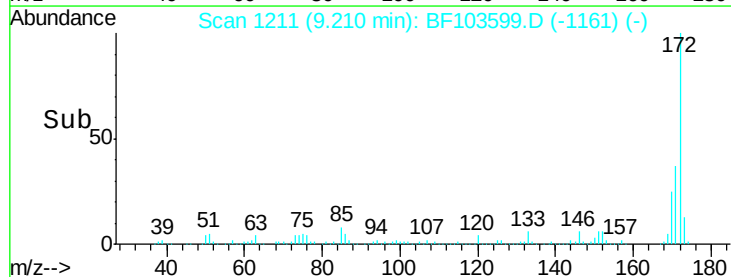
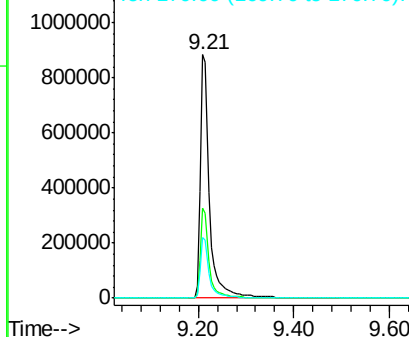


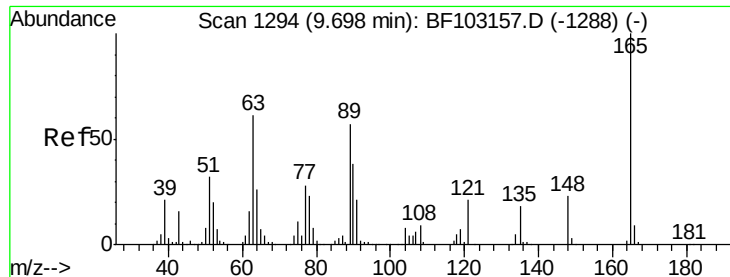
#44
 2-Fluorobiphenyl
 Concen: 72.108 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	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

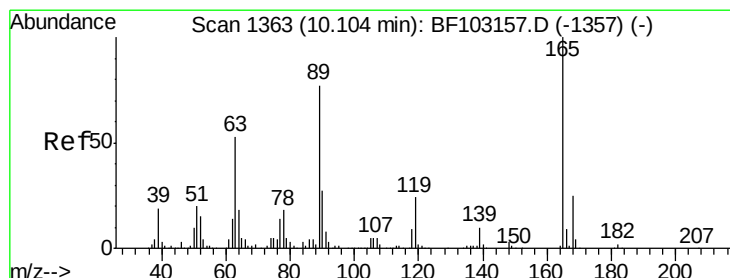
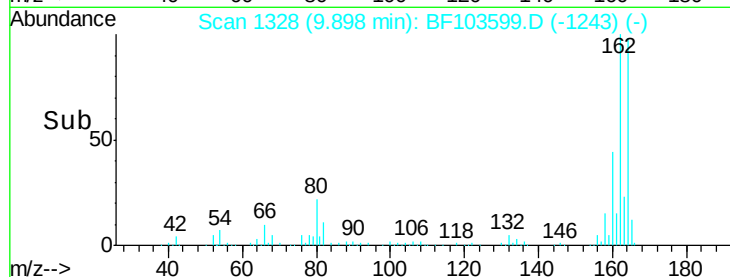
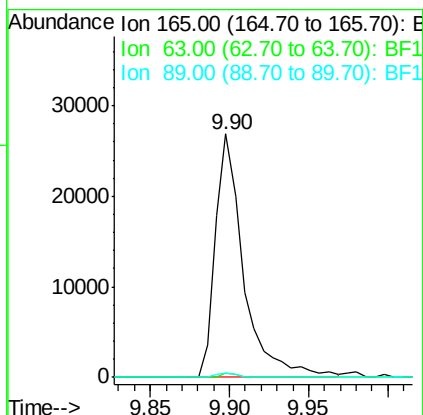
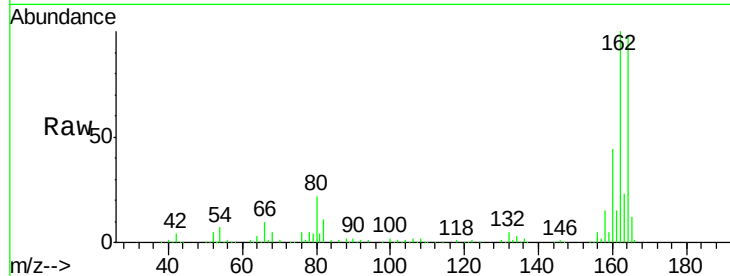




#50
 2,6-Dinitrotoluene
 Concen: 7.330 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.20 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

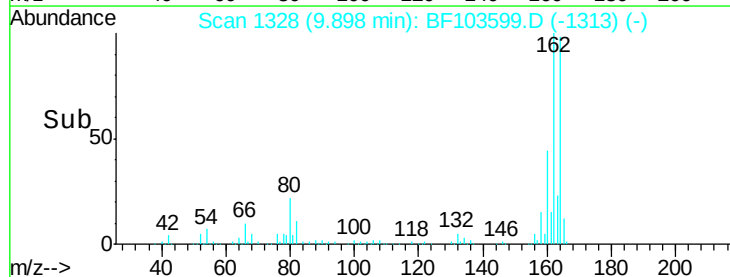
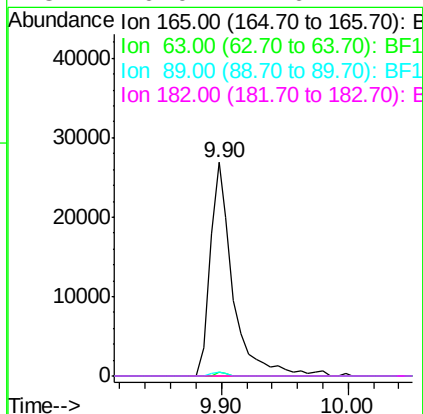
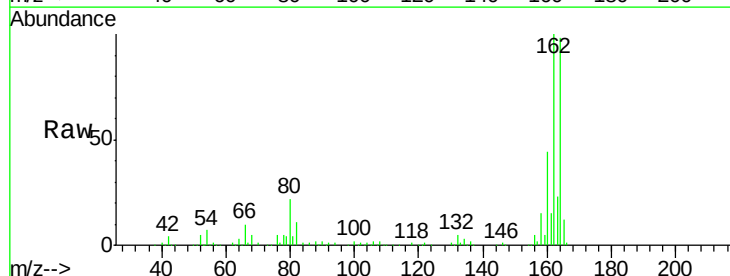
Instrument :
 BNA_F
 ClientSampleId :

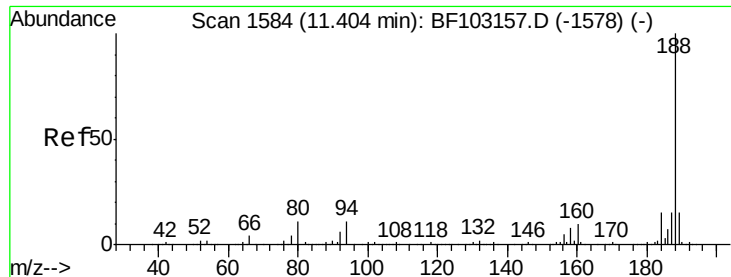
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.858 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

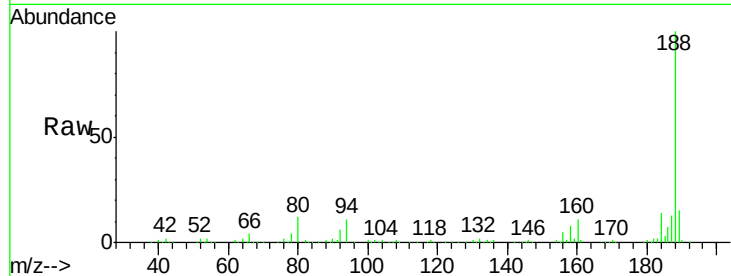




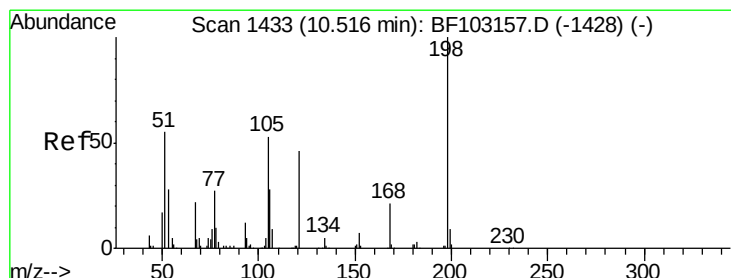
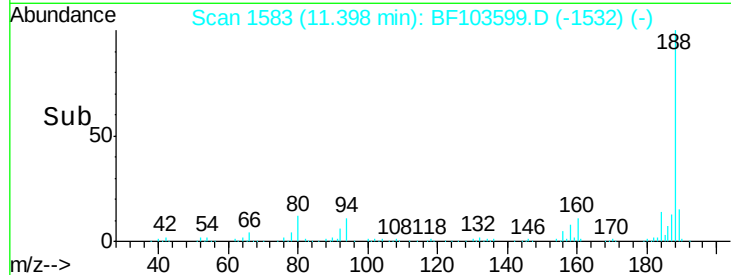
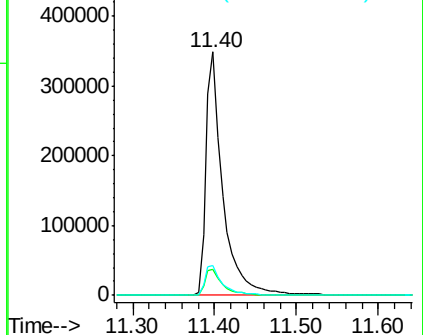
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 501699
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.1 9.2 13.8

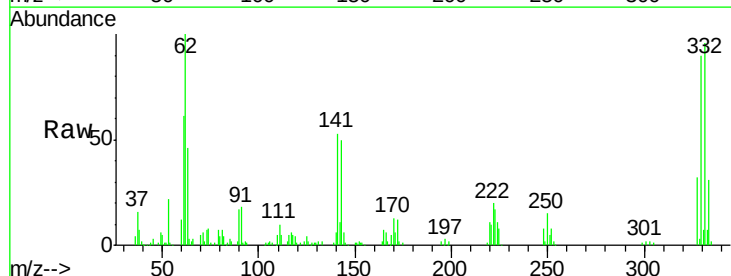


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

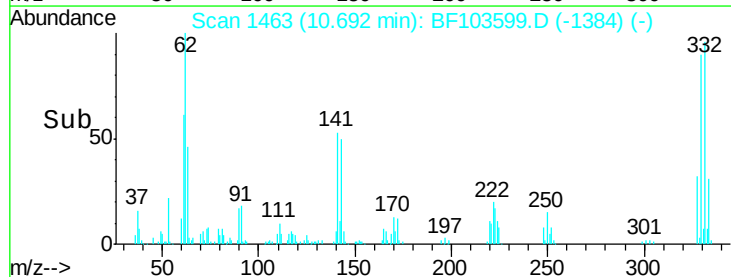
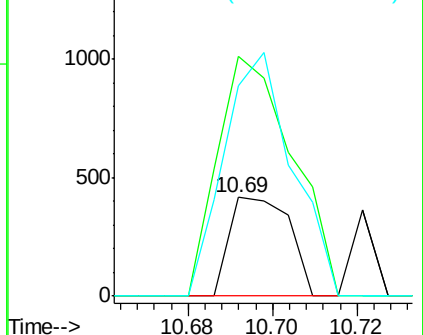


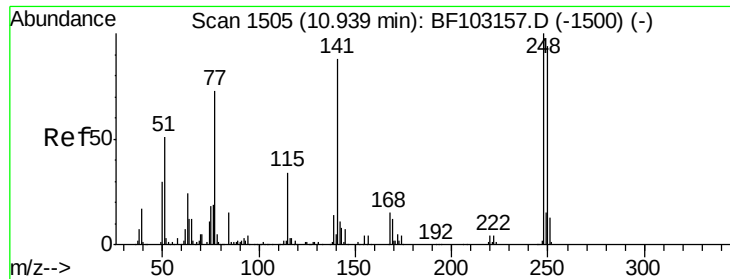
#64
4,6-Dinitro-2-methylphenol
Concen: 5.066 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.16 min
Lab File: BF103599.D
Acq: 13 Mar 2018 13:01

Tgt Ion:198 Resp: 409
Ion Ratio Lower Upper
198 100
51 243.3 37.7 77.7#
105 213.0 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

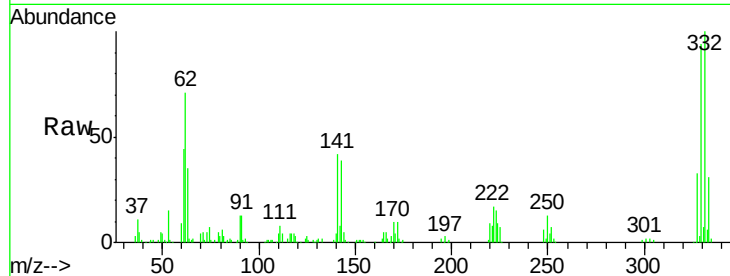




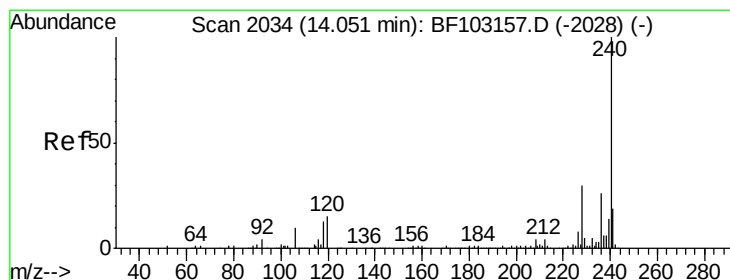
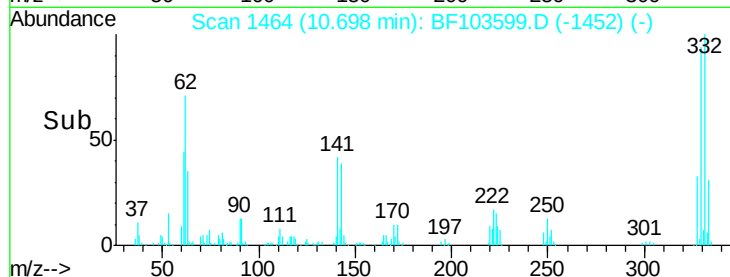
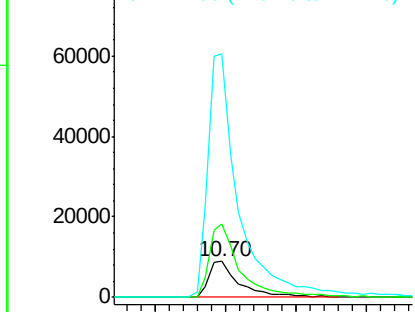
#66
 4-Bromophenyl-phenylether
 Concen: 2.580 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.23 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13486
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 683.2 74.4 111.6#

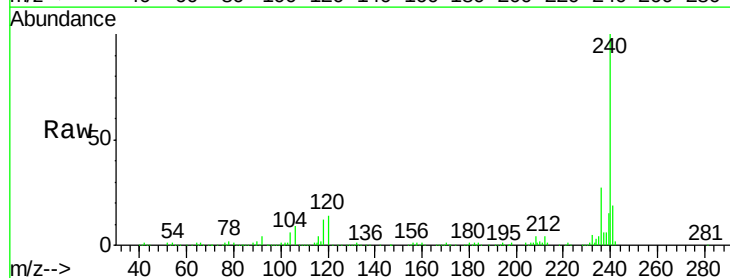


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

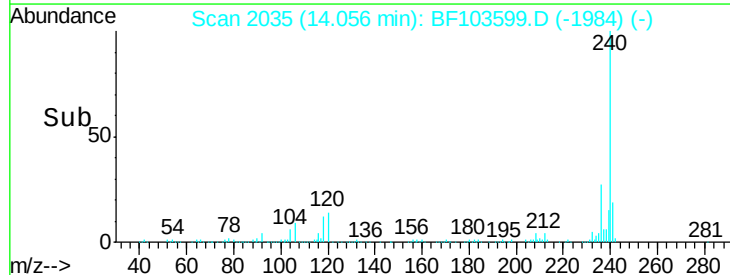
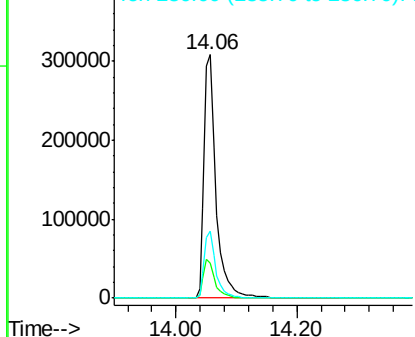


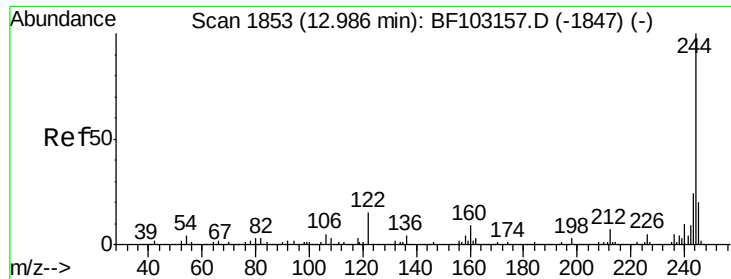
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Tgt Ion:240 Resp: 425336
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 27.4 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

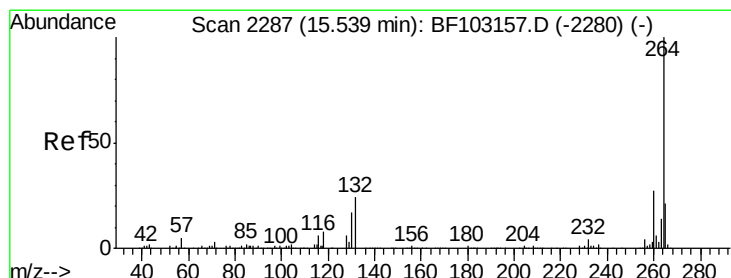
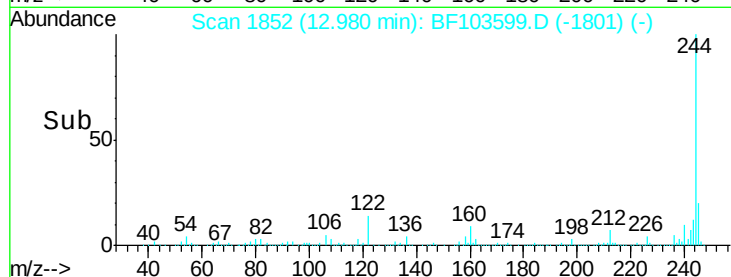
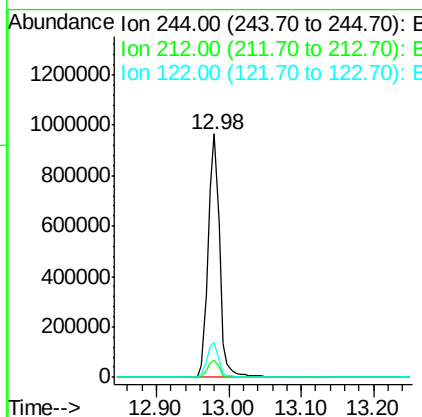
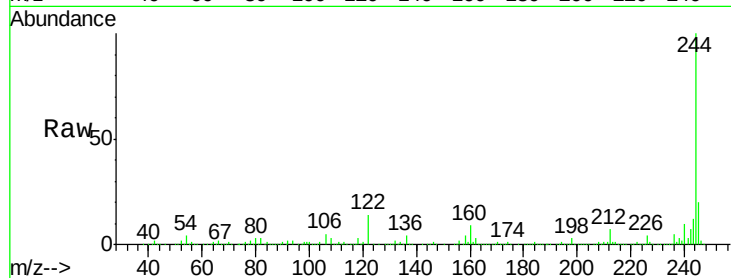




#78
 Terphenyl-d14
 Concen: 60.176 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1064738
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103599.D
 Acq: 13 Mar 2018 13:01

Tgt Ion:264 Resp: 415827
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.8 17.5 26.3

