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 Data File : BF104176.D
 Acq On : 3 Apr 2018 11:52
 Operator : JU/SJ
 Sample : J2114-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:23:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

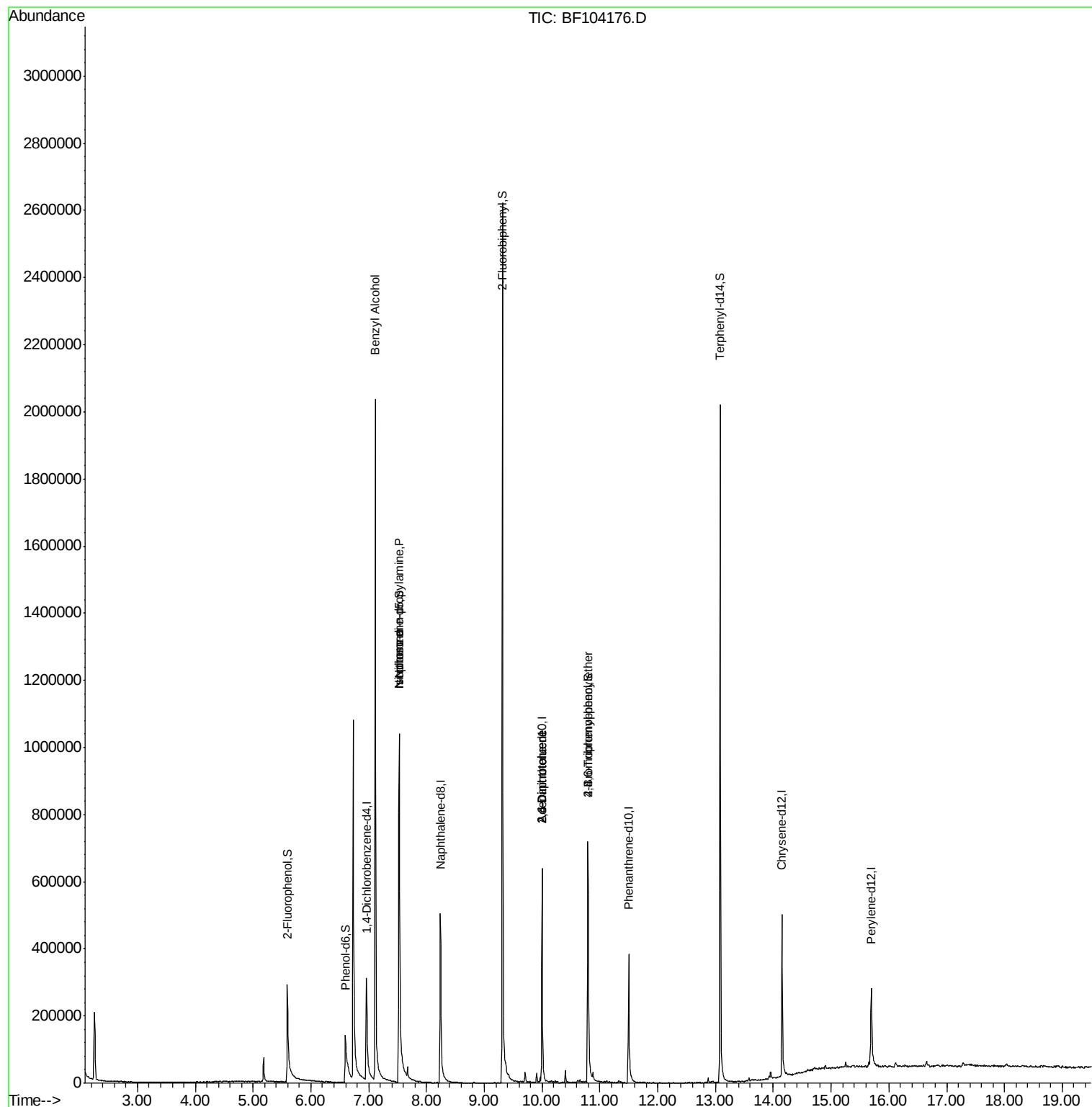
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88757	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	361315	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	145990	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	218821	20.00	ng	0.00
75) Chrysene-d12	14.15	240	215643	20.00	ng	0.00
86) Perylene-d12	15.70	264	156484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	193807	34.82	ng	0.00
7) Phenol-d6	6.60	99	173192	25.29	ng	0.00
23) Nitrobenzene-d5	7.53	82	578580	97.93	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	129601	79.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1059630	114.46	ng	0.00
78) Terphenyl-d14	13.08	244	809052	86.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	9190	2.064	ng	# 32
19) n-Nitroso-di-n-propylamine	7.53	70	68592	16.880	ng	# 71
25) Isophorone	7.53	82	582489	53.498	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	18004	7.260	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	18001	5.689	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	7310	3.123	ng	# 1

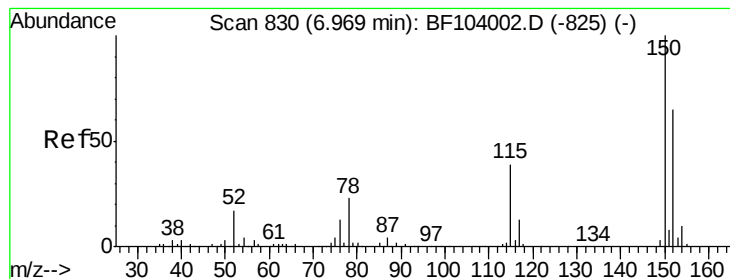
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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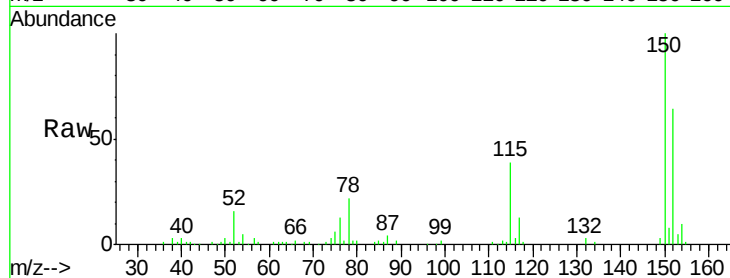


#1

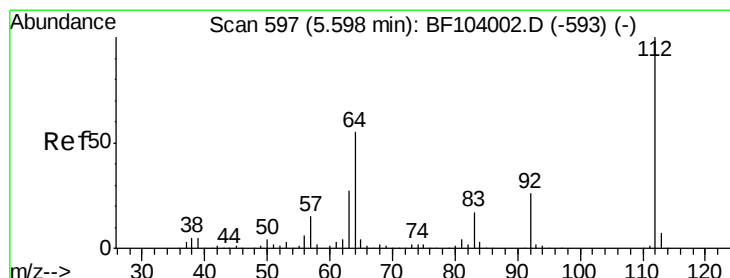
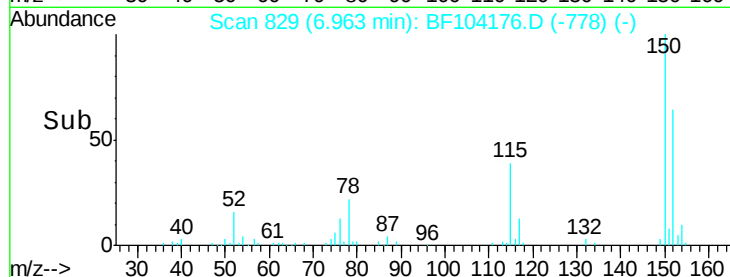
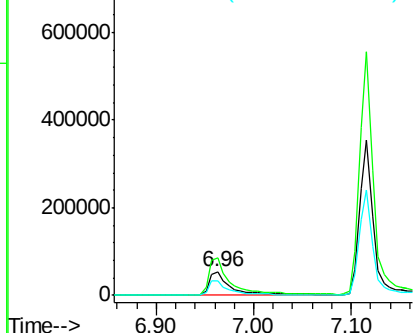
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88757
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 60.9 50.1 75.1



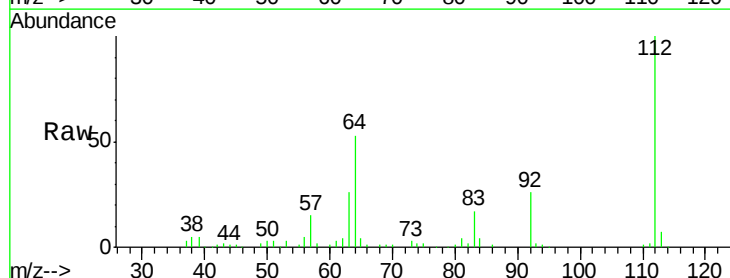
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



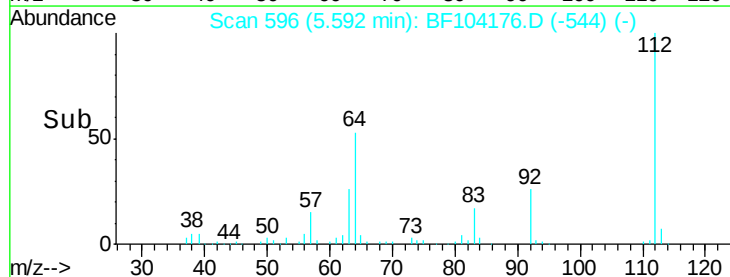
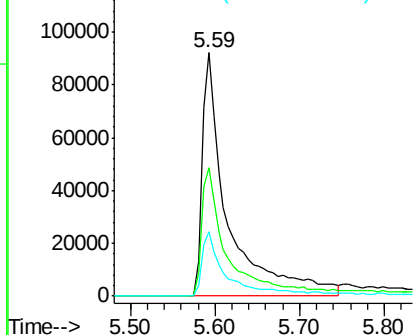
#5

2-Fluorophenol
Concen: 34.822 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

Tgt Ion:112 Resp: 193807
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 26.5 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: 25.293 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104176.D

Acq: 3 Apr 2018 11:52

Instrument :

BNA_F

ClientSampleId :

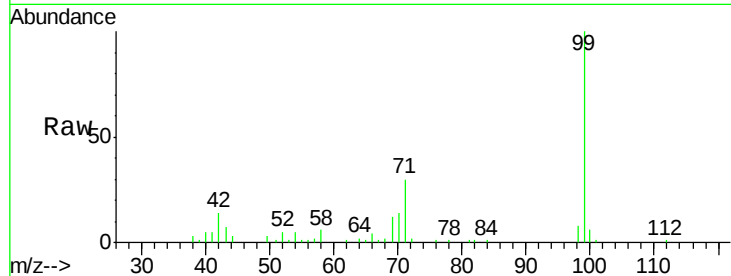
Tot Ion: 99 Resp: 173192

Ion Ratio Lower Upper

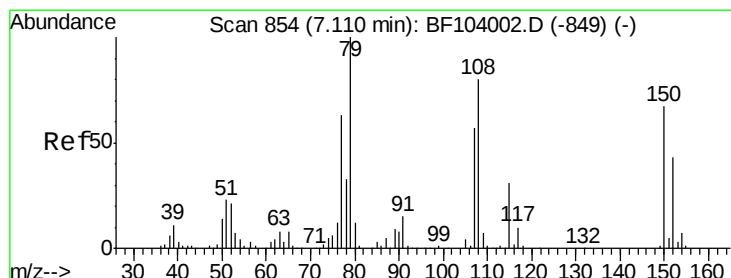
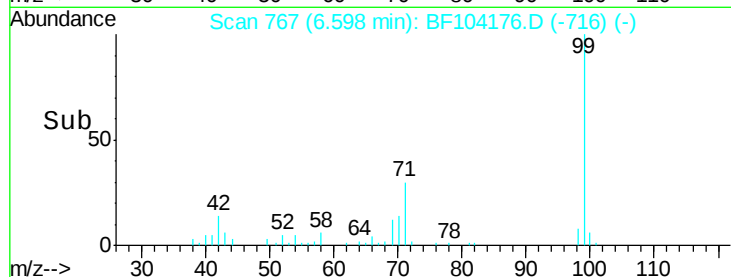
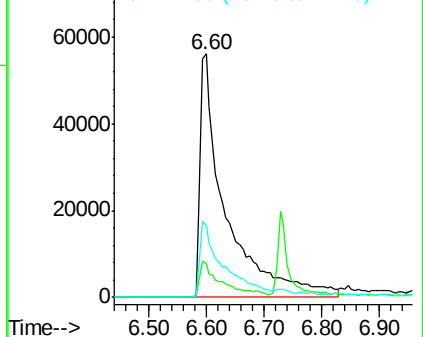
99 100

42 14.0 14.5 21.7#

71 29.6 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



#15

Benzyl Alcohol

Concen: 2.064 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF104176.D

Acq: 3 Apr 2018 11:52

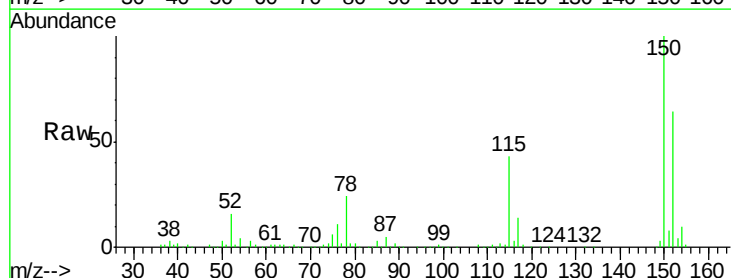
Tgt Ion: 79 Resp: 9190

Ion Ratio Lower Upper

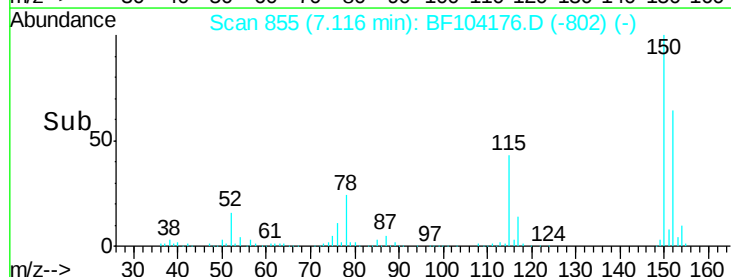
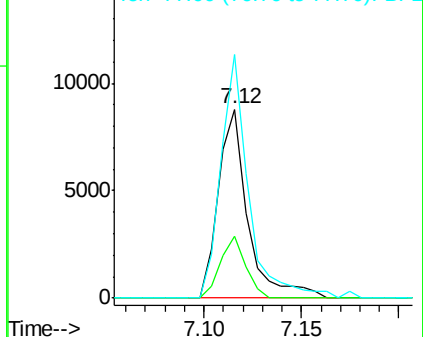
79 100

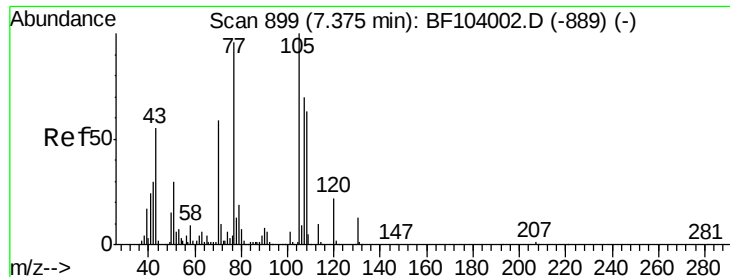
108 32.8 65.1 97.7#

77 128.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.880 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104176.D

Acq: 3 Apr 2018 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68592

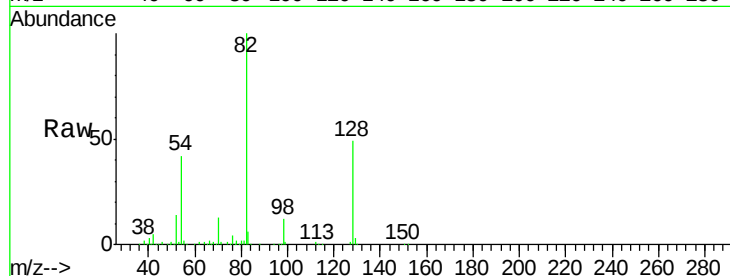
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

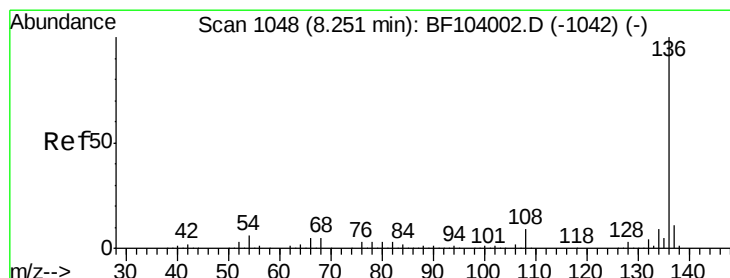
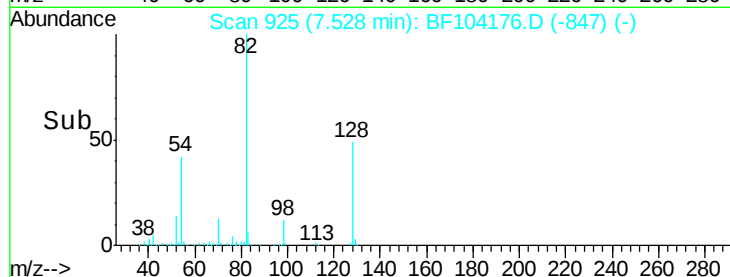
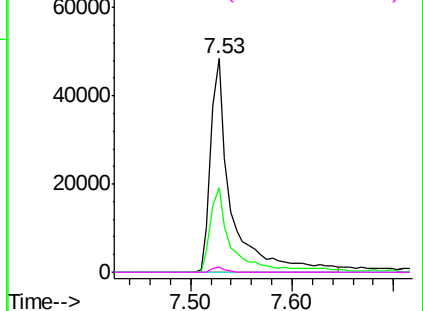


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104176.D

Acq: 3 Apr 2018 11:52

Tgt Ion: 136 Resp: 361315

Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

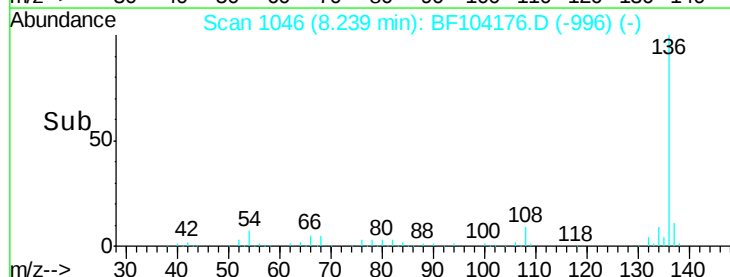
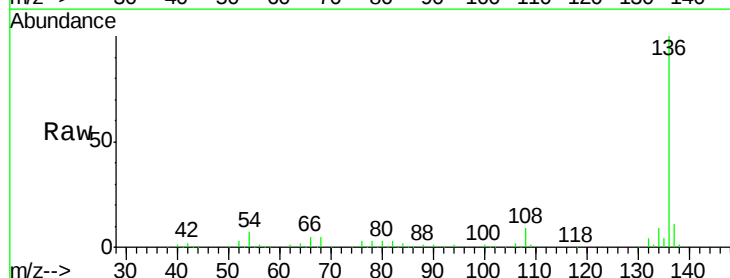
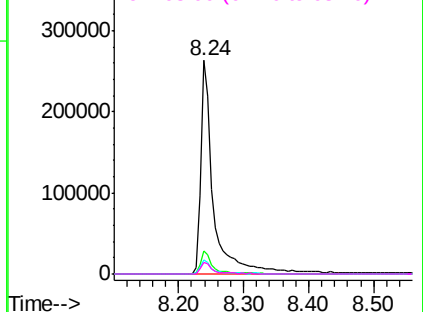
68 5.4 5.0 7.4

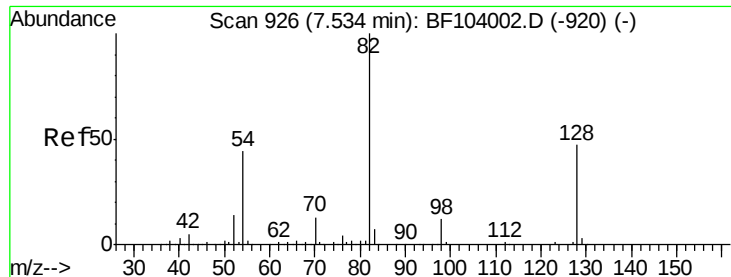
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

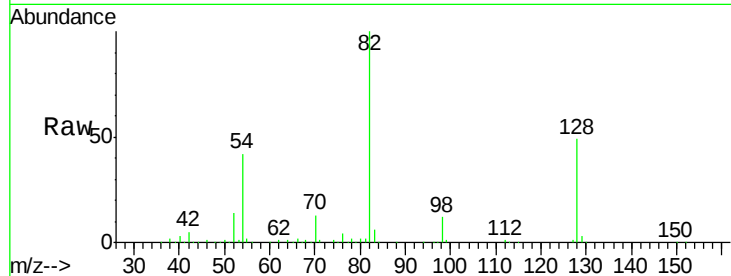




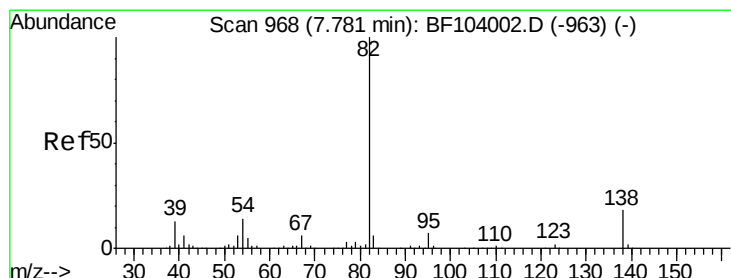
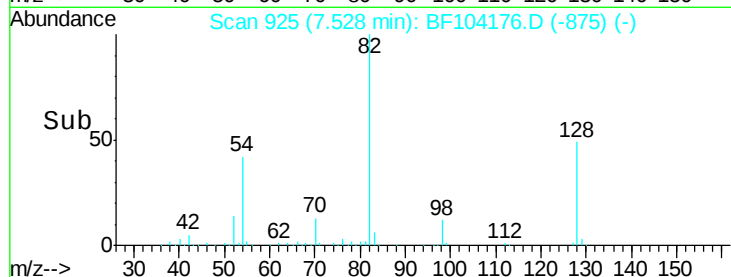
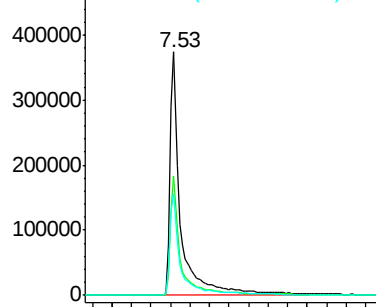
#23
 Nitrobenzene-d5
 Concen: 97.929 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	578580
Ion Ratio	Lower	Upper	
82	100		
128	49.3	36.1	54.1
54	41.9	41.4	62.2

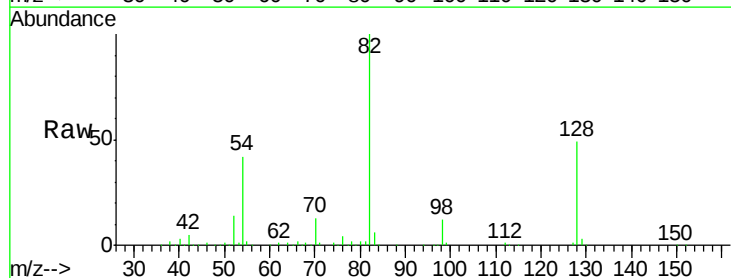


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

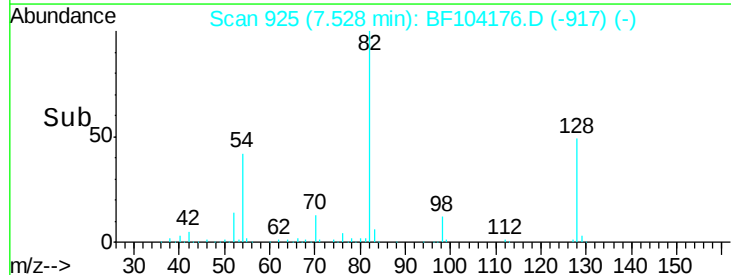
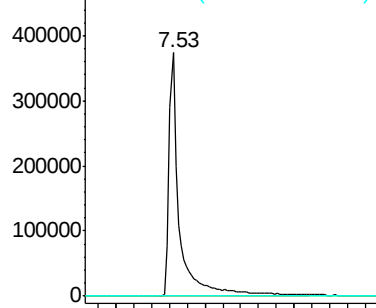


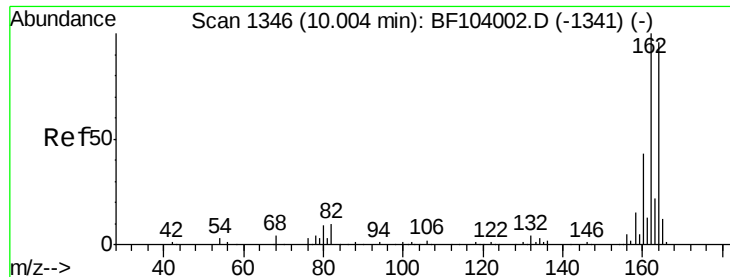
#25
 Isophorone
 Concen: 53.498 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.25 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Tgt Ion	82	Resp	582489
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

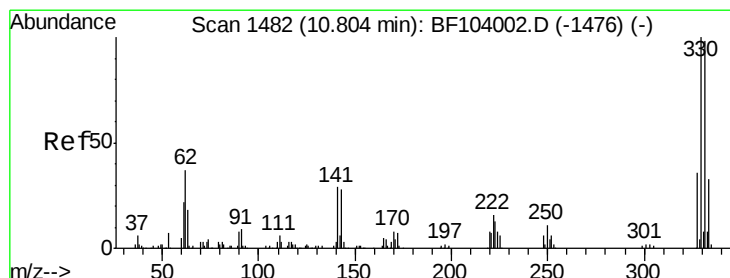
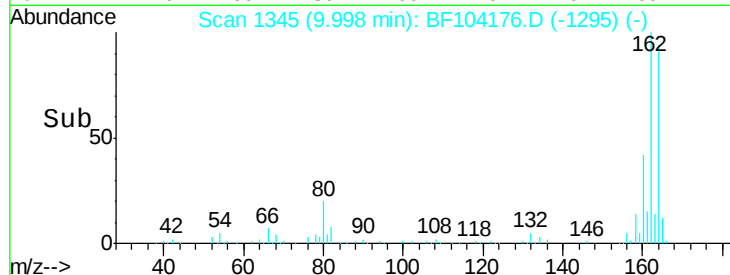
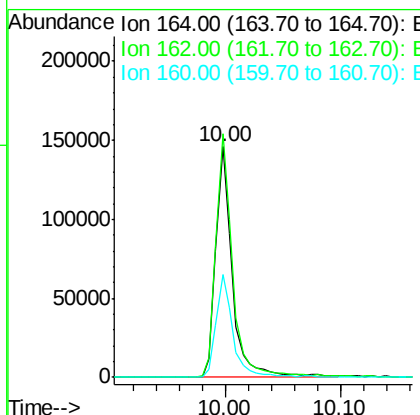
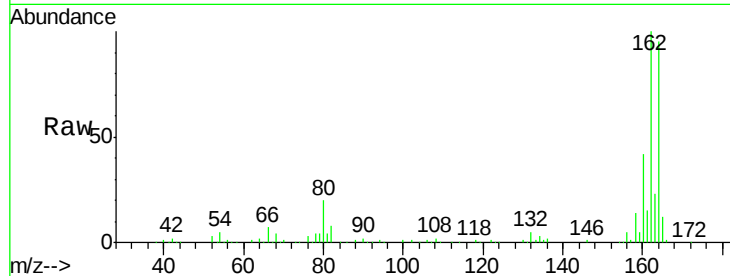




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

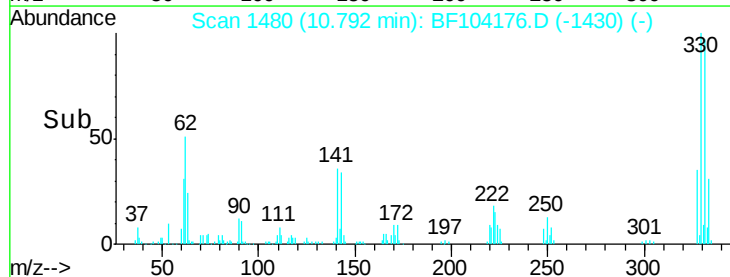
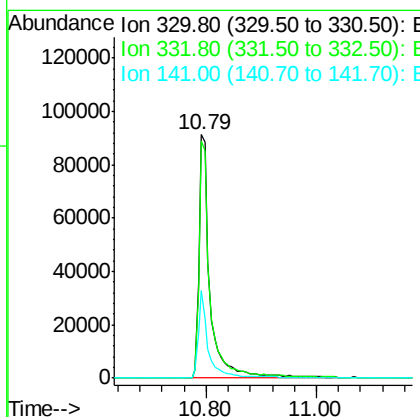
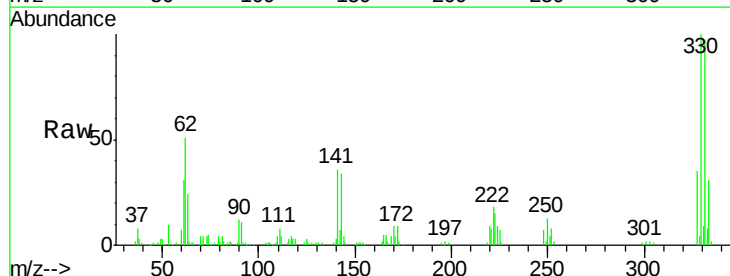
Instrument :
 BNA_F
 ClientSampled :

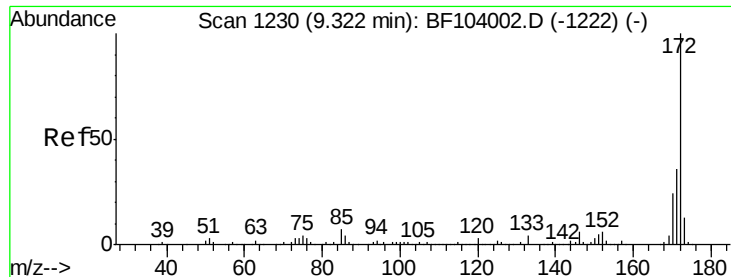
Tot Ion:164 Resp: 145990
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.725 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Tgt Ion:330 Resp: 129601
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 31.8 29.9 44.9

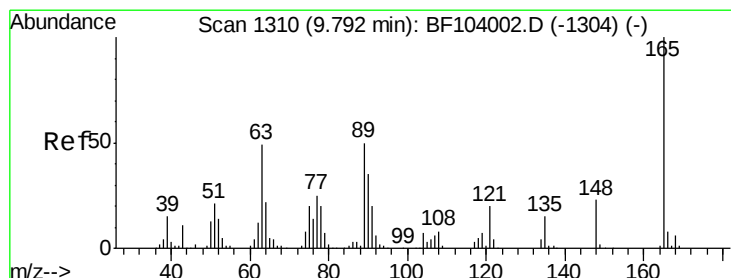
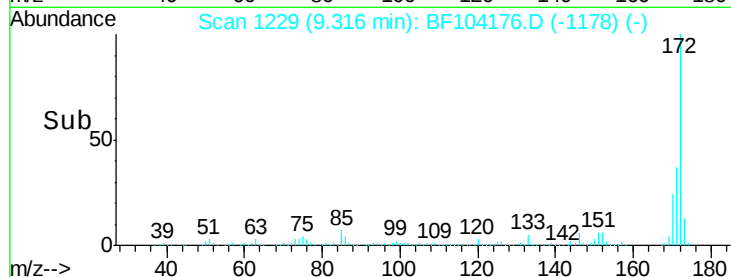
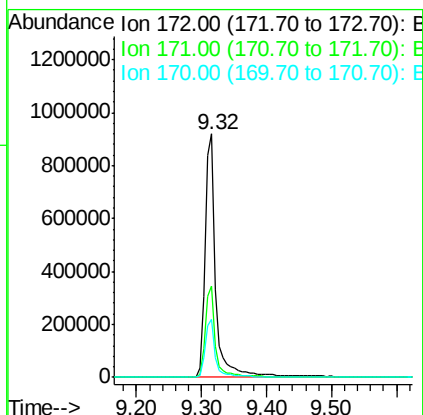
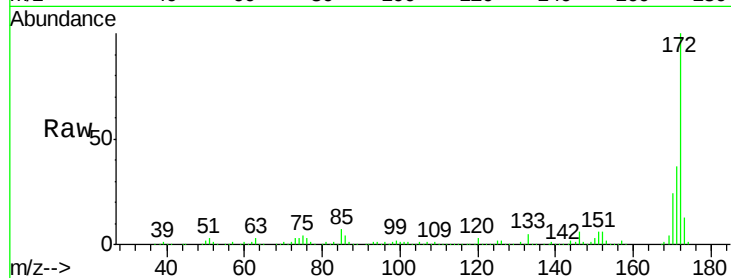




#44
 2-Fluorobiphenyl
 Concen: 114.456 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

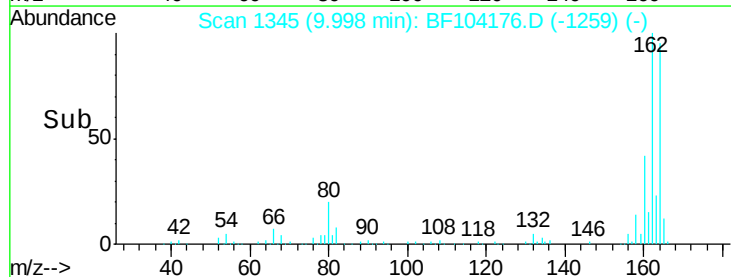
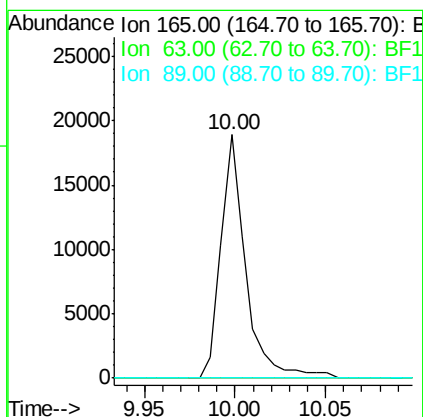
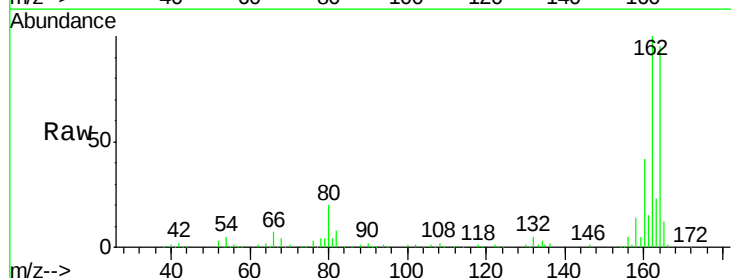
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1059630
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.260 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.21 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Tgt Ion:165 Resp: 18004
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

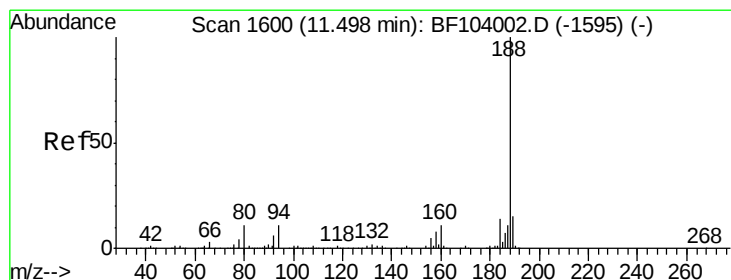
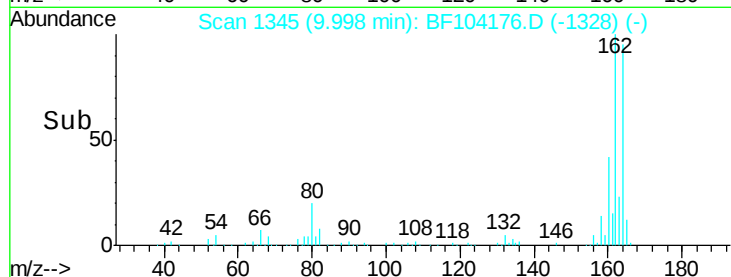
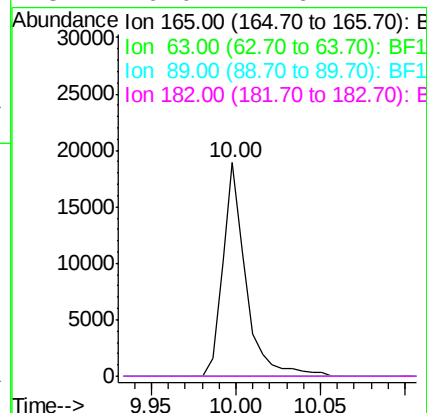
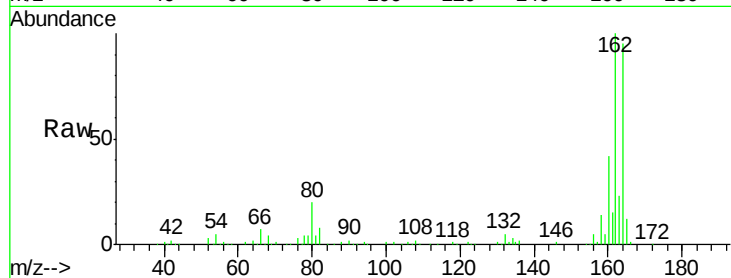




#56
2,4-Dinitrotoluene
Concen: 5.689 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

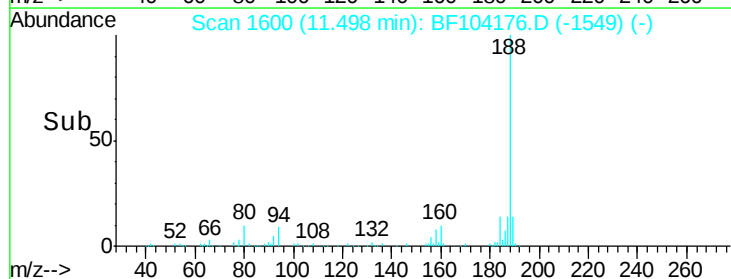
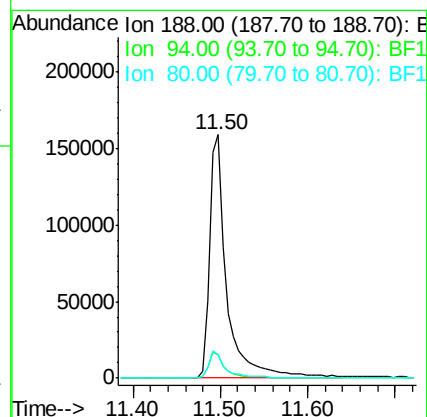
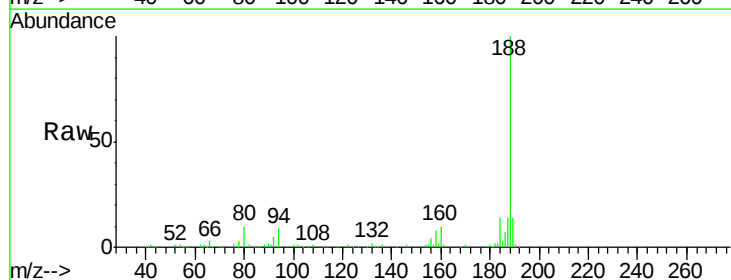
Instrument :
BNA_F
ClientSampleId :

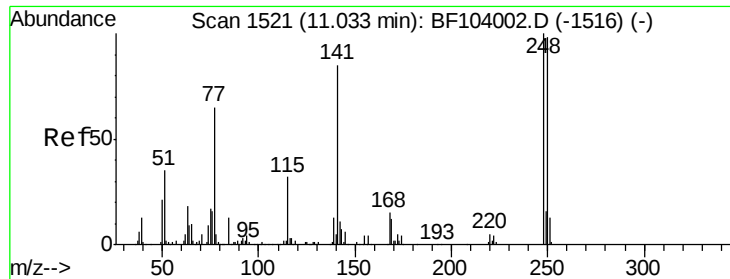
Tot Ion:165	Resp:	18001
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

Tgt Ion:188	Resp:	218821
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.5 12.7
80	9.6	9.2 13.8

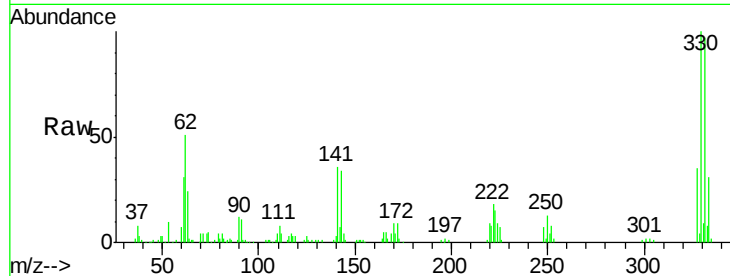




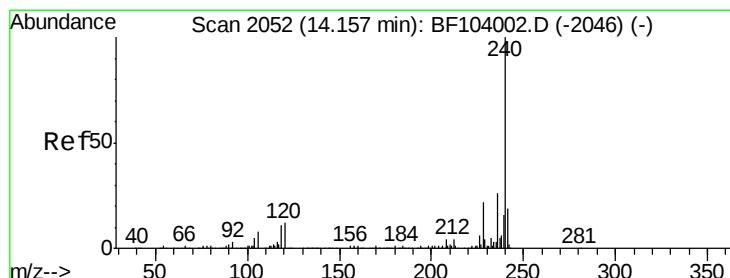
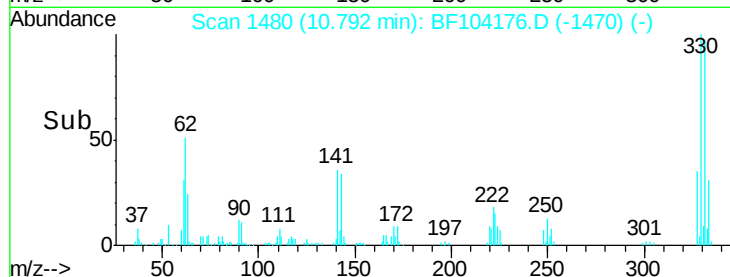
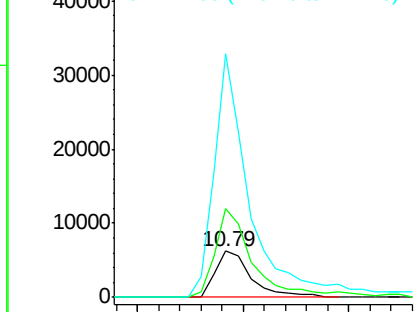
#66
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7310
Ion Ratio Lower Upper
248 100
250 193.4 76.9 115.3#
141 526.9 74.4 111.6#

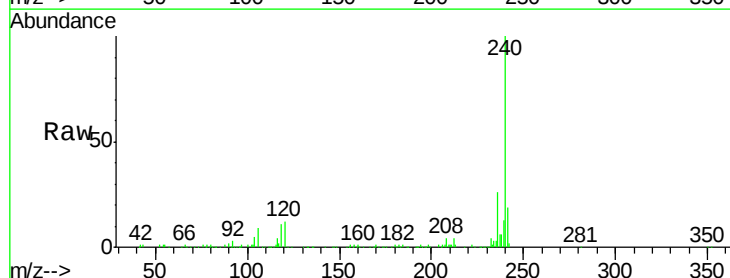


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

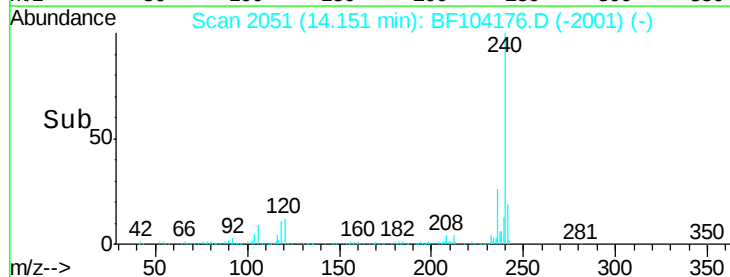
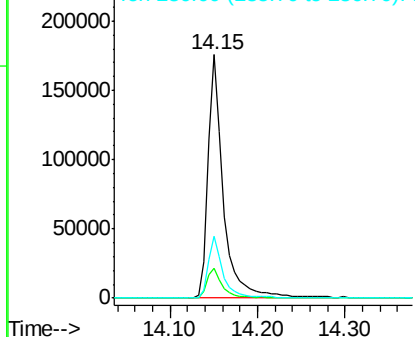


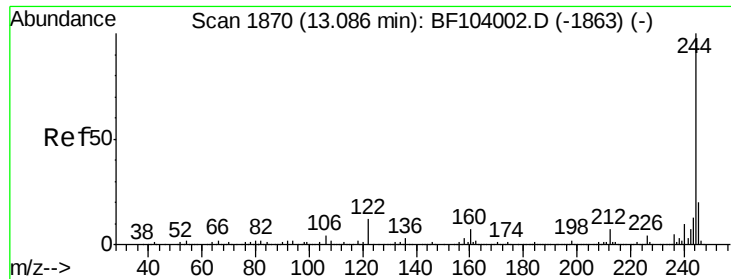
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104176.D
Acq: 3 Apr 2018 11:52

Tgt Ion:240 Resp: 215643
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.5 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

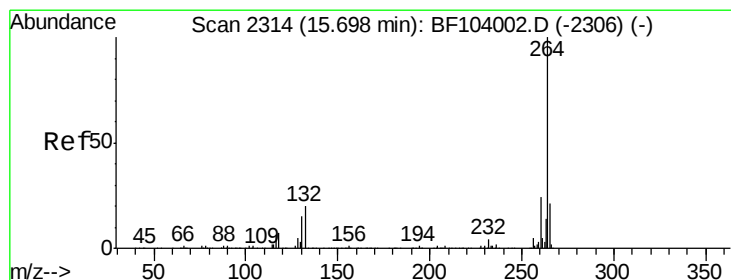
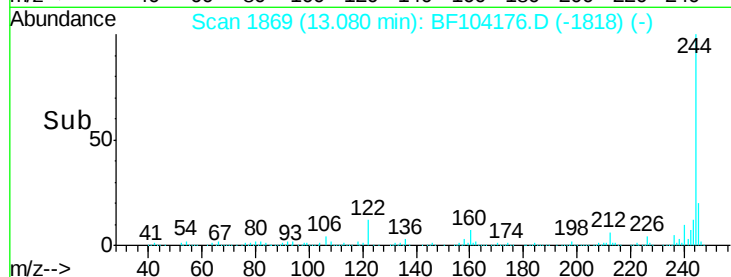
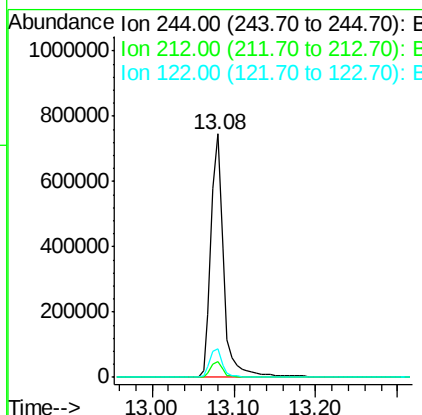
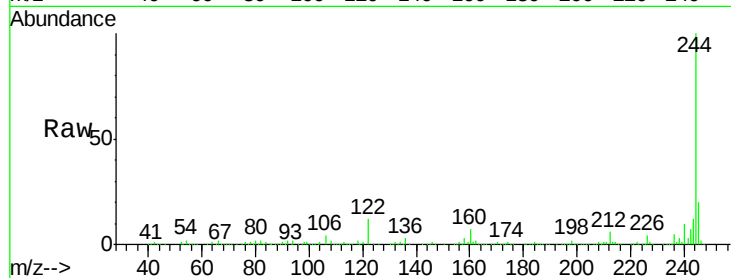




#78
 Terphenyl-d14
 Concen: 86.628 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 809052
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104176.D
 Acq: 3 Apr 2018 11:52

Tgt Ion:264 Resp: 156484
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 17.5 26.3

