

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
 Data File : BF113700.D
 Acq On : 10 Apr 2019 16:59
 Operator : JU/SJ
 Sample : K2200-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:59:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

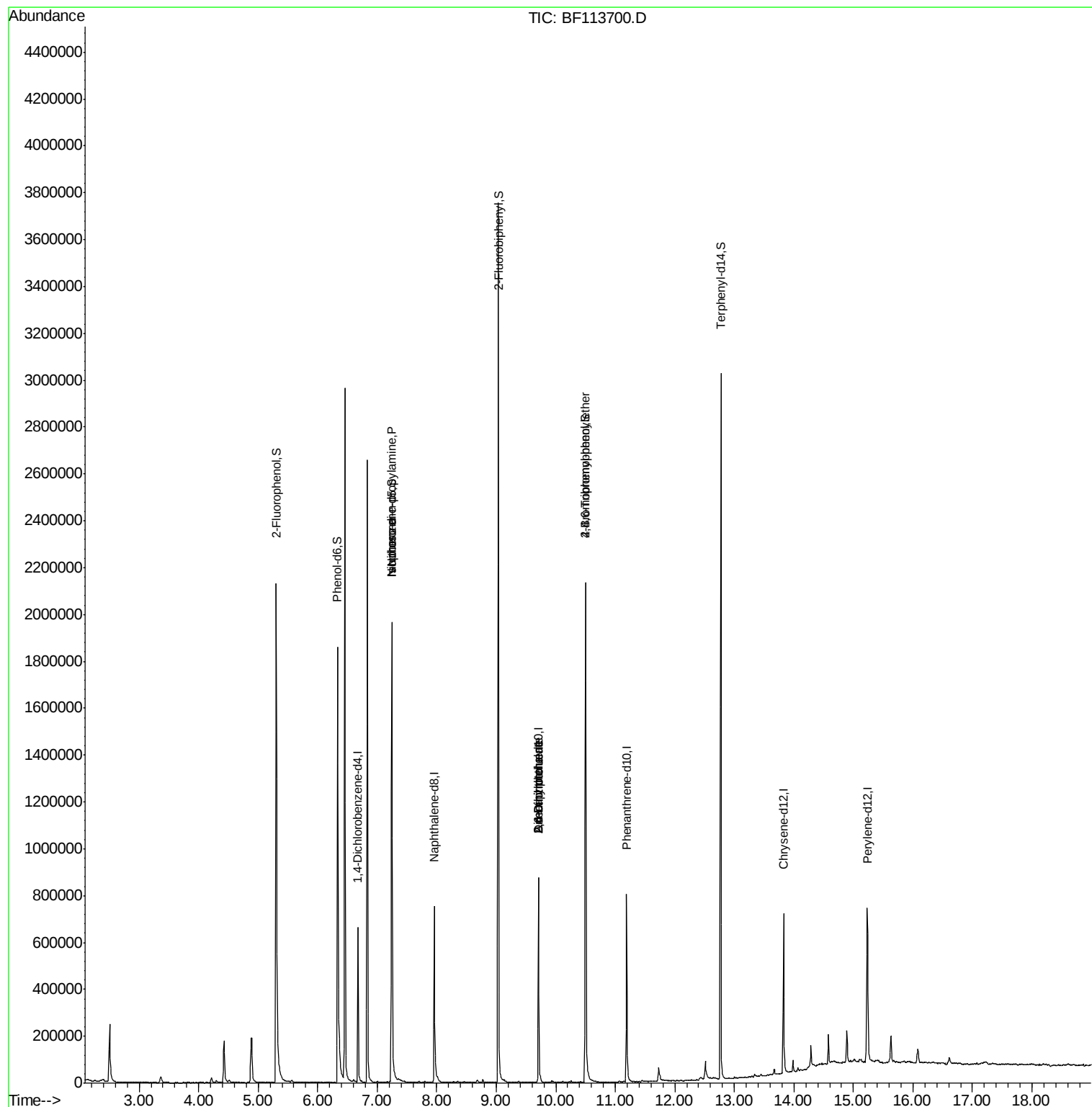
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	112059	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	418953	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	193804	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	363426	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	292969	20.00	ng	-0.02
87) Perylene-d12	15.23	264	272032	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	771277	117.37	ng	0.00
7) Phenol-d6	6.33	99	891149	110.03	ng	0.00
23) Nitrobenzene-d5	7.25	82	691827	96.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	324842	139.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1282010	106.49	ng	-0.02
79) Terphenyl-d14	12.77	244	1200612	83.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	90293	18.079	ng	# 76
25) Isophorone	7.25	82	691824	50.212	ng	# 64
50) Dimethylphthalate	9.71	163	49155	3.441	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	25221	8.009	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	25221	6.622	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	18620	4.568	ng	# 1

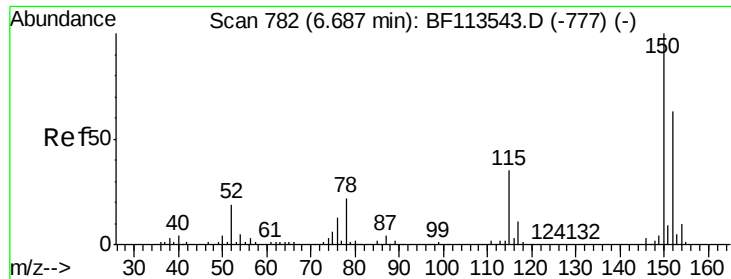
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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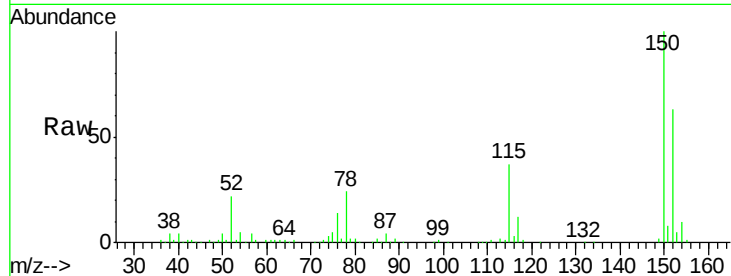


#1

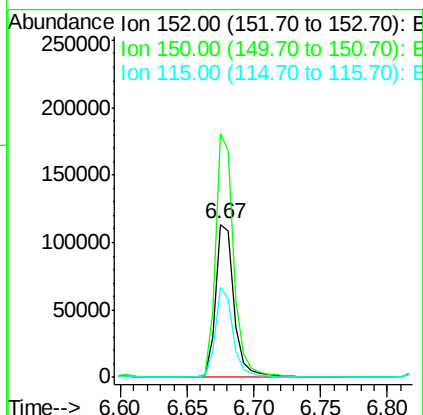
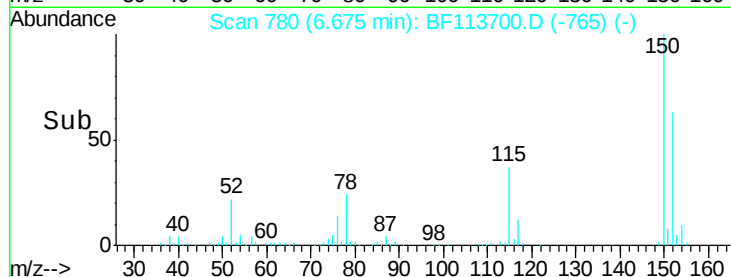
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112059
Ion Ratio Lower Upper
152 100
150 159.3 124.7 187.1
115 59.1 46.0 69.0



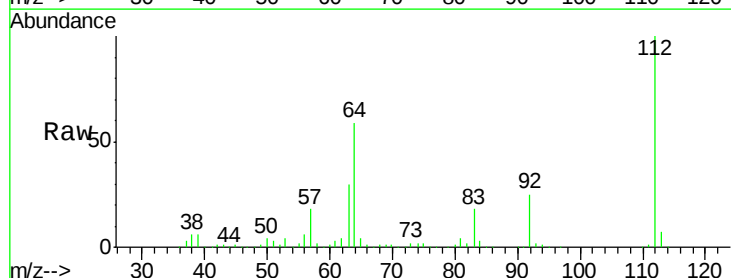
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



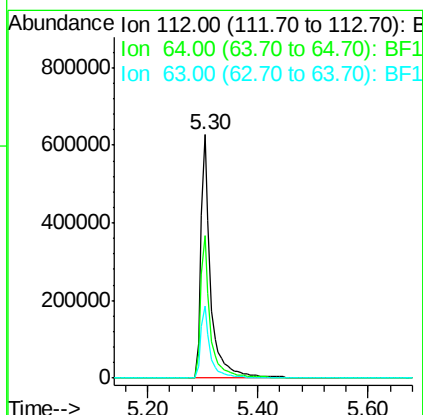
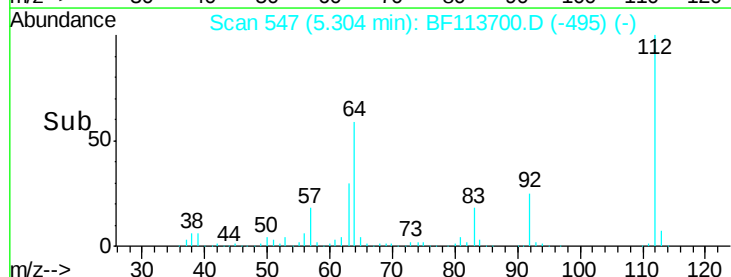
#5

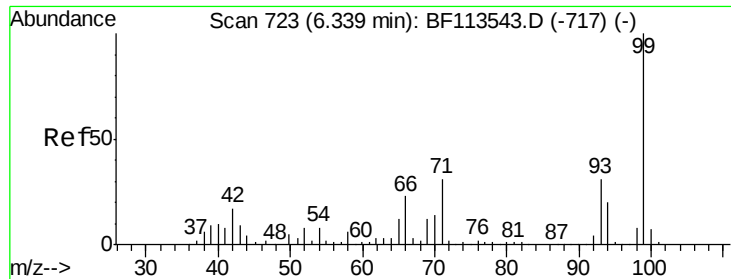
2-Fluorophenol
Concen: 117.367 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

Tgt Ion:112 Resp: 771277
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 29.5 24.9 37.3



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: 110.027 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_F

ClientSampleId :

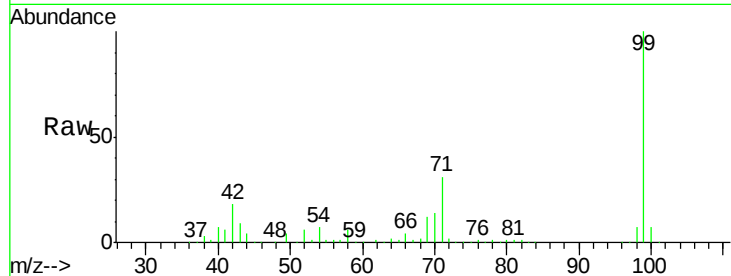
Tot Ion: 99 Resp: 891149

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

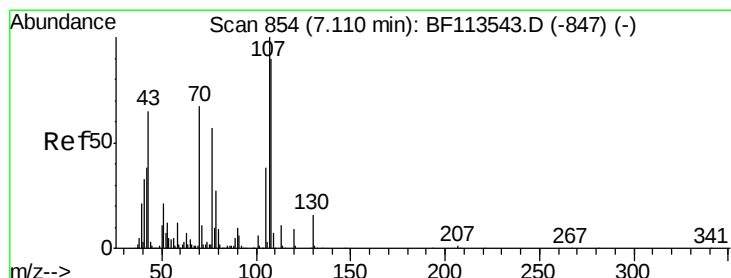
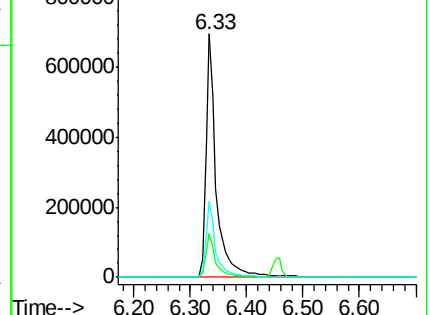
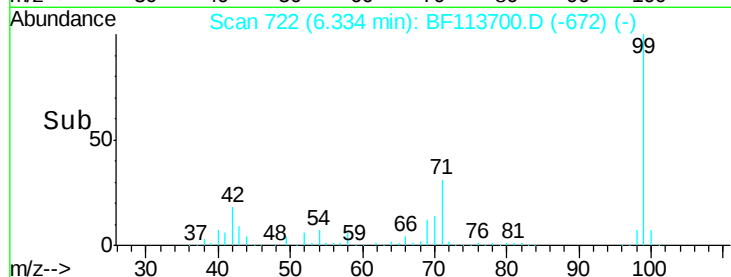
71 31.0 24.9 37.3



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: 18.079 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

Tgt Ion: 70 Resp: 90293

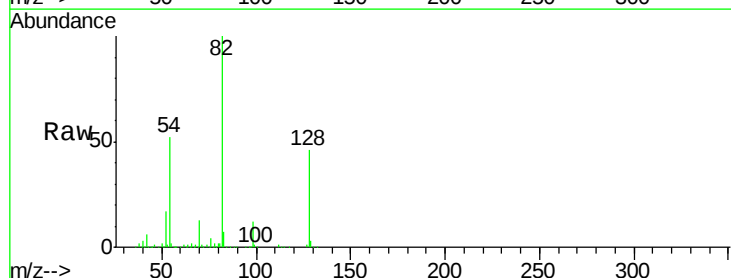
Ion Ratio Lower Upper

70 100

42 47.9 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

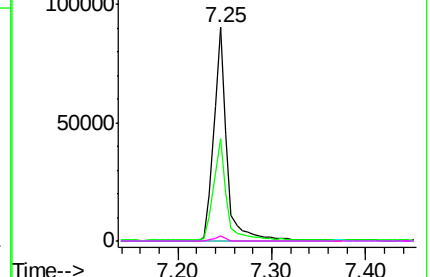
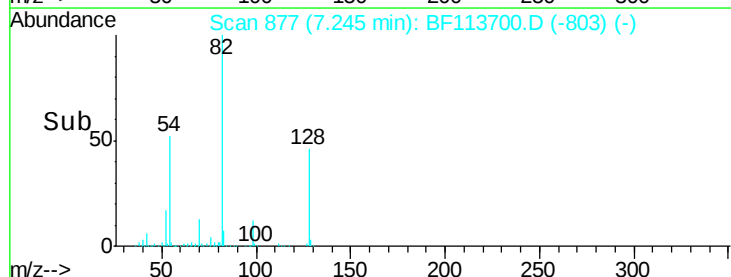


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418953

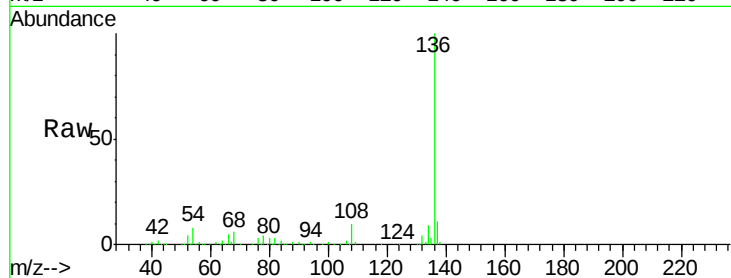
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.0 10.6

68 6.2 4.8 7.2

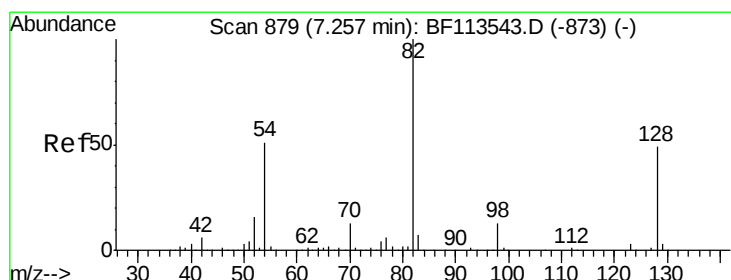
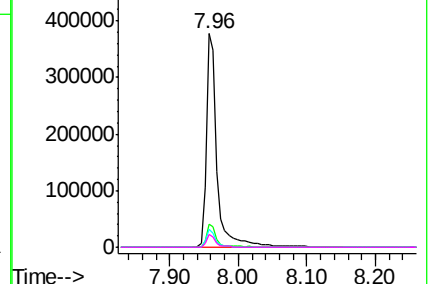
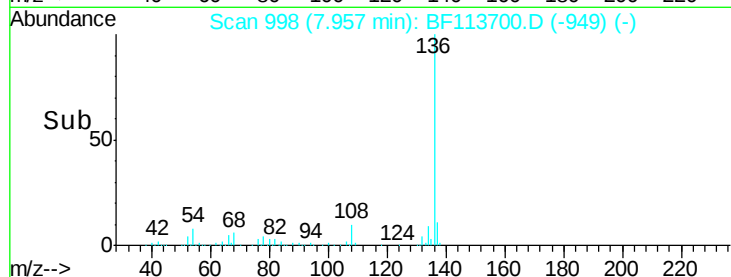


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.727 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

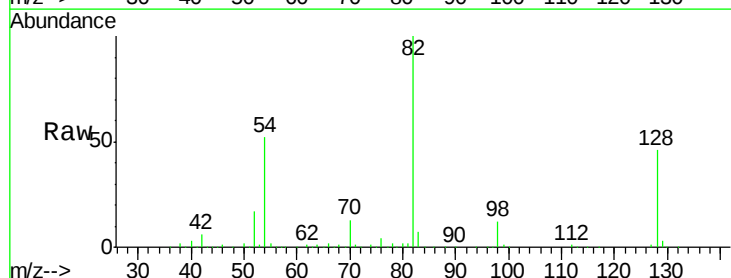
Tgt Ion: 82 Resp: 691827

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

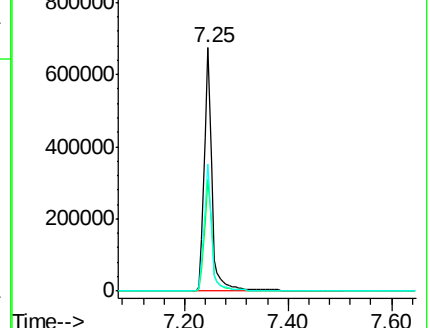
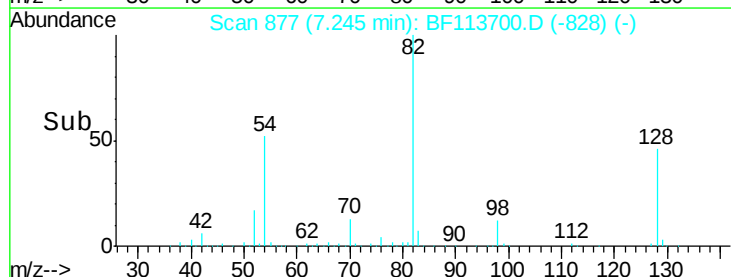
54 52.0 42.2 63.2

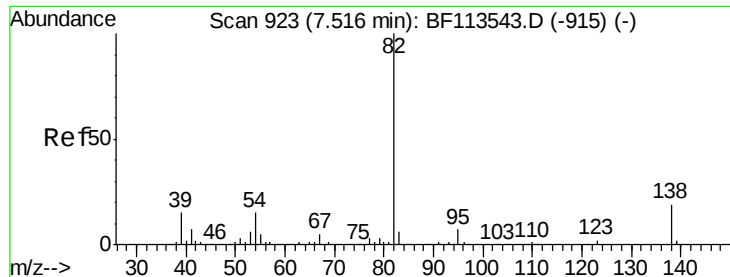


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.212 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_F

ClientSampled :

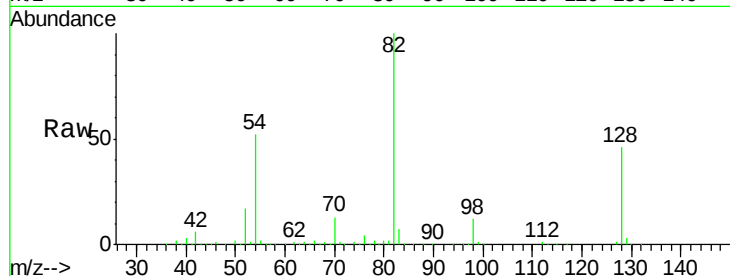
Tot Ion: 82 Resp: 691824

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

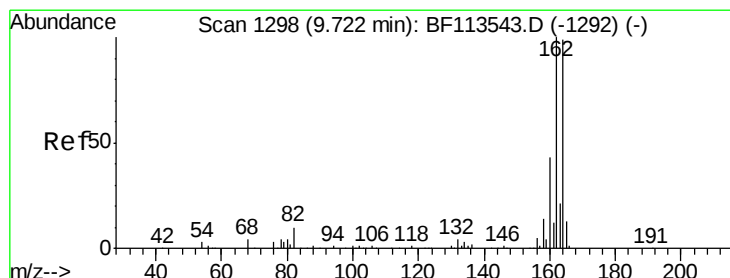
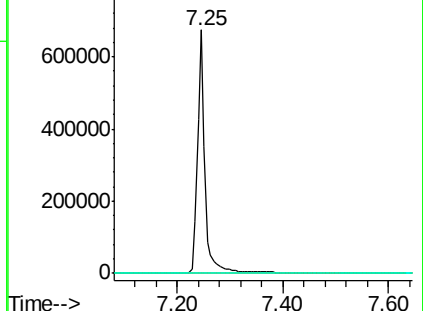
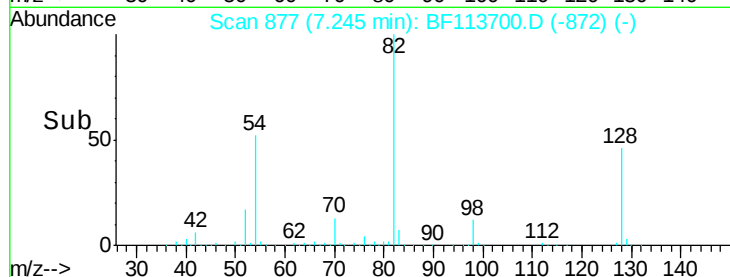
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

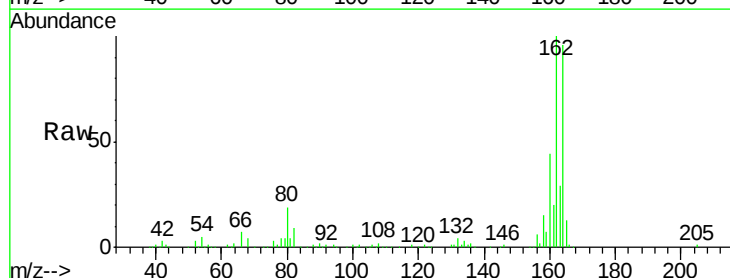
Tgt Ion:164 Resp: 193804

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

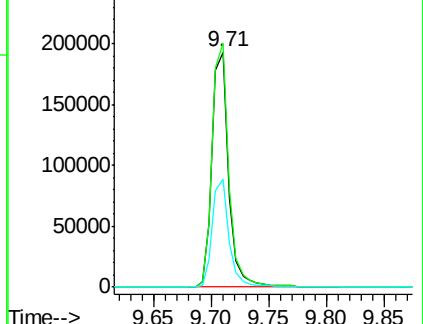
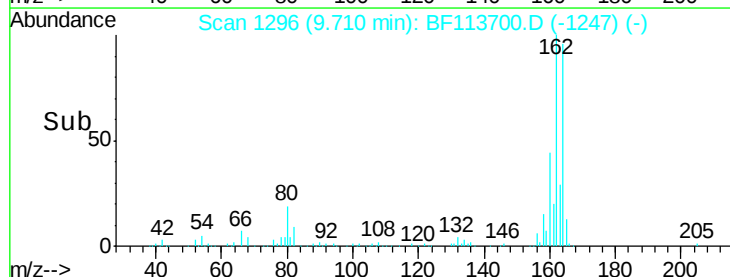
160 46.0 36.4 54.6



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

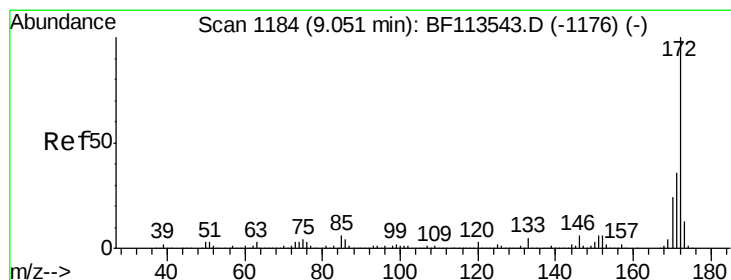
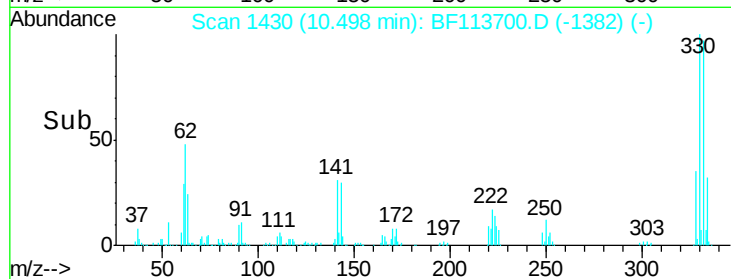
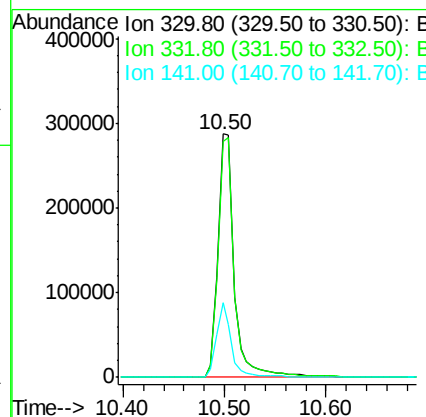
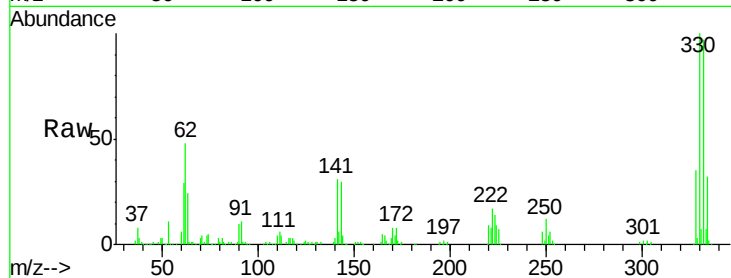




#42
 2,4,6-Tribromophenol
 Concen: 139.533 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113700.D
 Acq: 10 Apr 2019 16:59

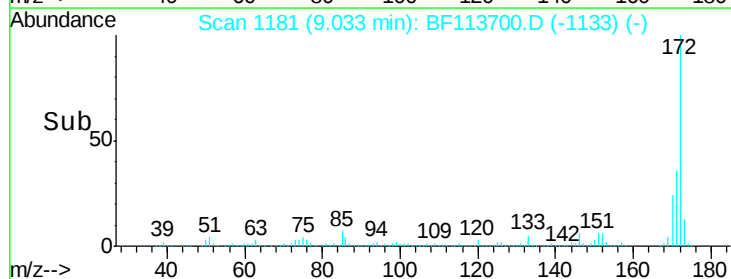
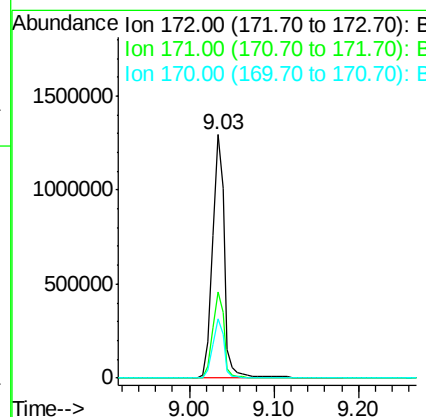
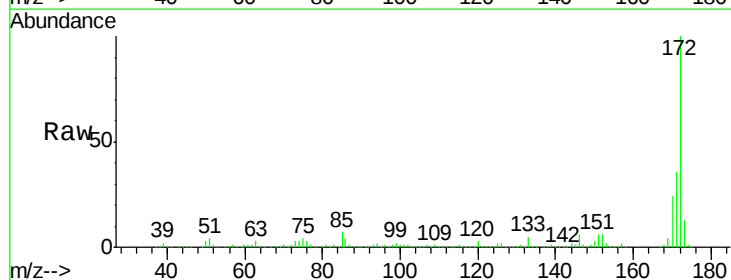
Instrument :
 BNA_F
 ClientSampleId :

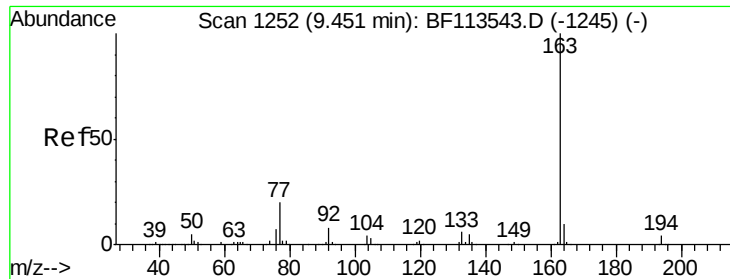
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.8	116.6
141	28.1	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 106.494 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113700.D
 Acq: 10 Apr 2019 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.2	19.5	29.3

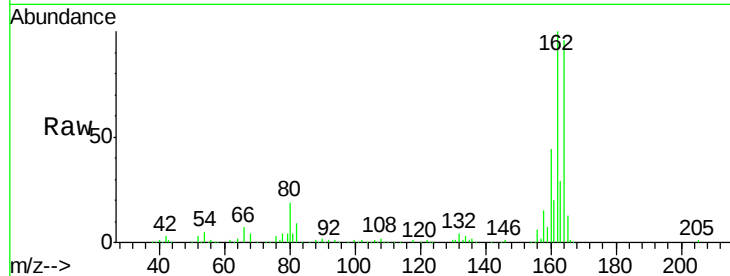




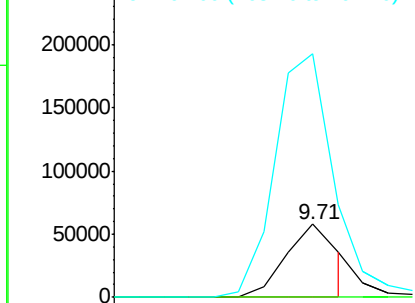
#50
Dimethylphthalate
Concen: 3.441 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_F
ClientSampled :

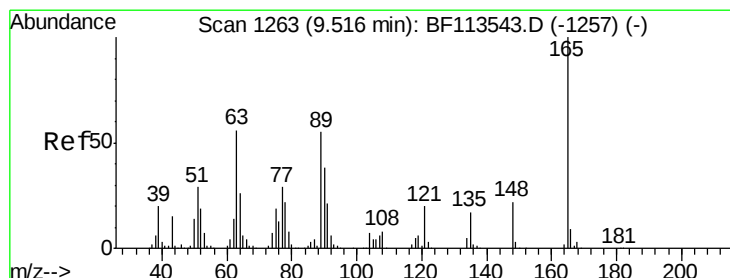
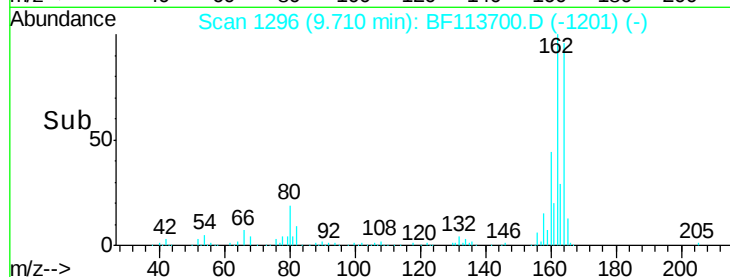
Tot Ion:163 Resp: 49155
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 334.2 8.1 12.1#



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

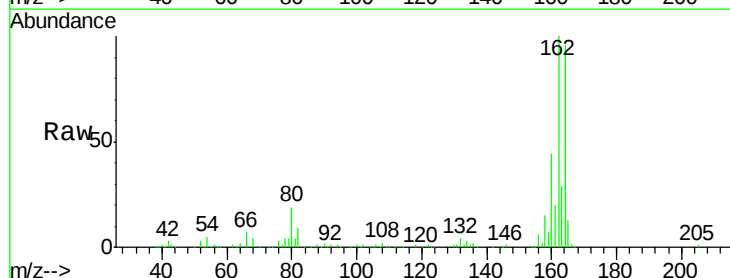


Time-->

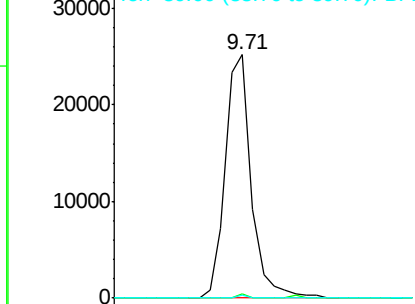


#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

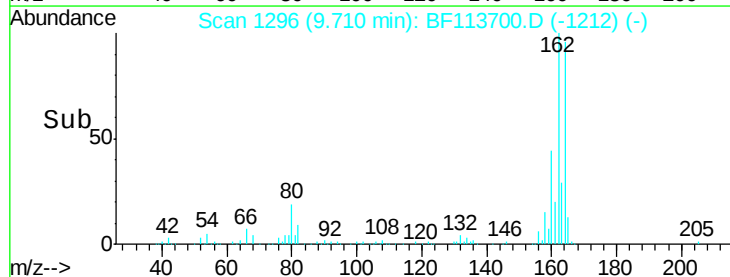
Tgt Ion:165 Resp: 25221
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.2 43.1 64.7#

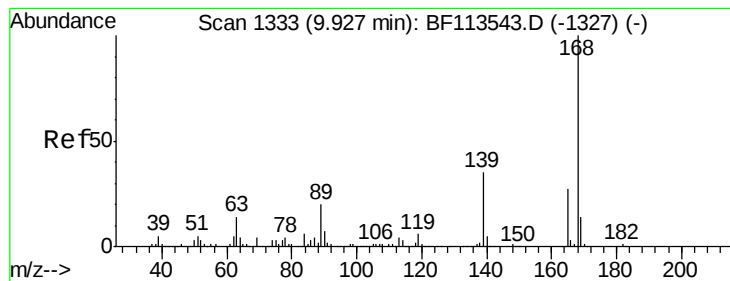


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



Time-->





#57

2,4-Dinitrotoluene

Concen: 6.622 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25221

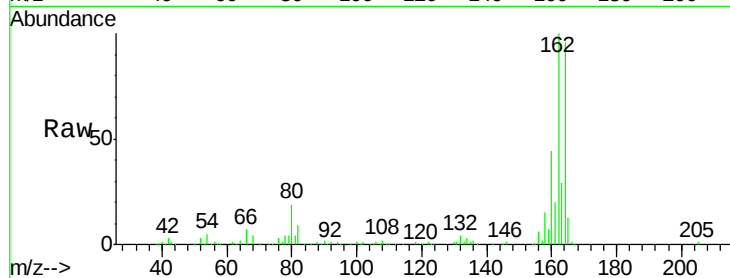
Ion Ratio Lower Upper

165 100

63 1.6 37.5 56.3#

89 1.2 57.4 86.2#

182 0.0 2.0 3.0#

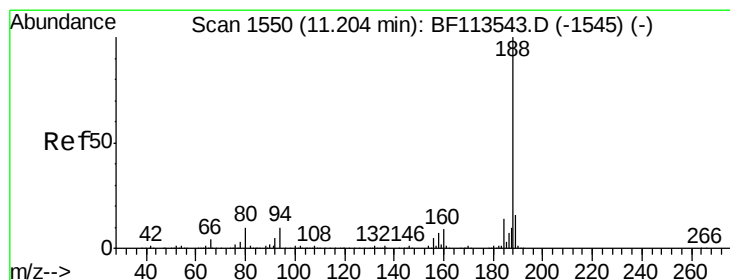
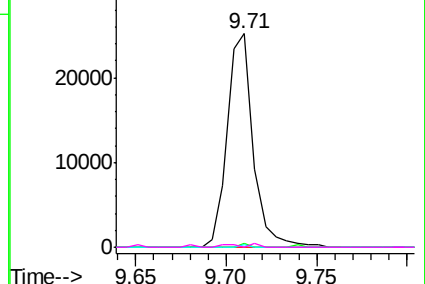
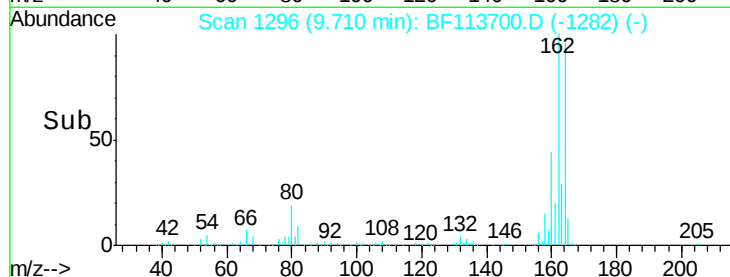


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113700.D

Acq: 10 Apr 2019 16:59

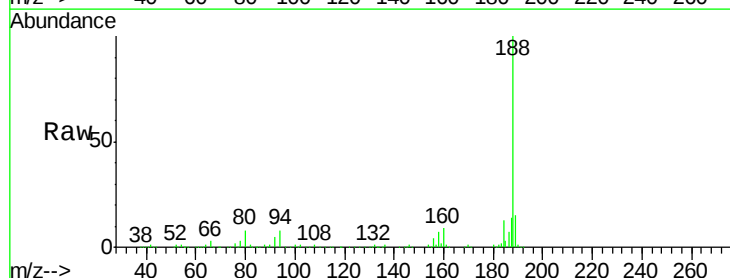
Tgt Ion:188 Resp: 363426

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

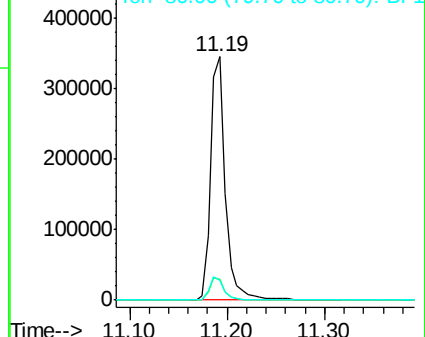
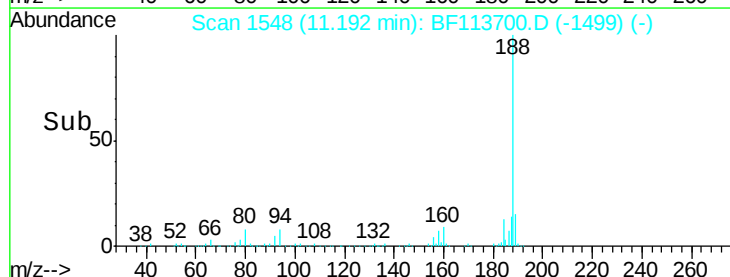
80 8.3 7.7 11.5

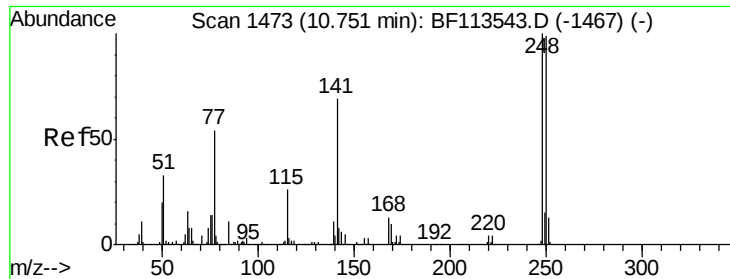


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

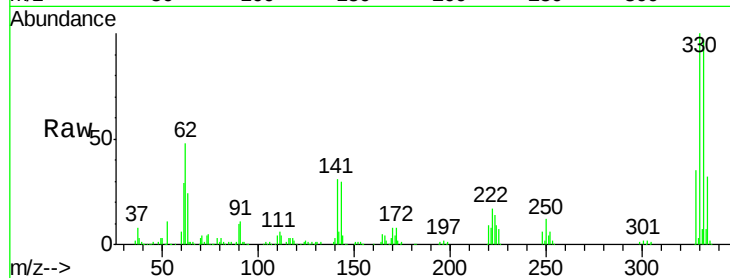




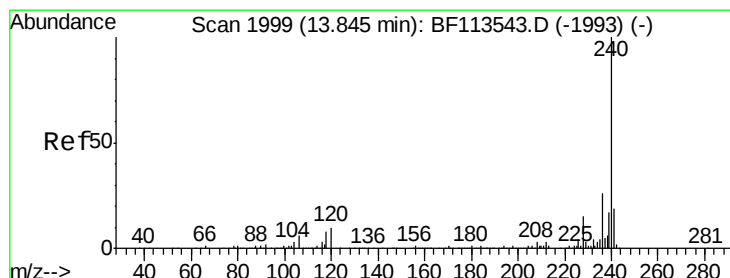
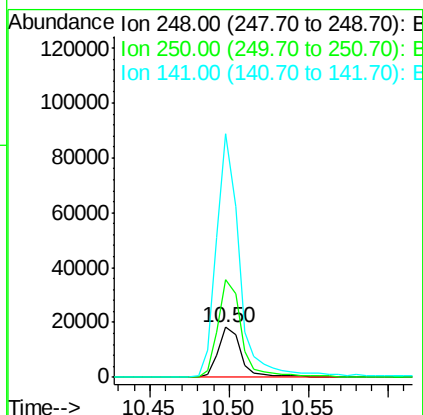
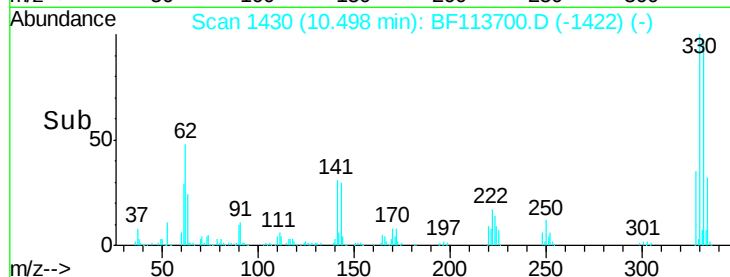
#67
4-Bromophenyl-phenylether
Concen: 4.568 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18620
Ion Ratio Lower Upper
248 100
250 197.1 78.3 117.5#
141 488.1 56.2 84.4#

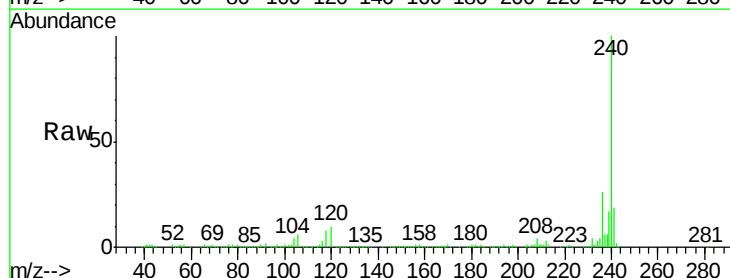


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

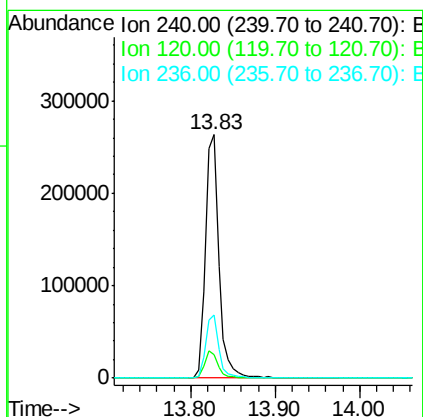
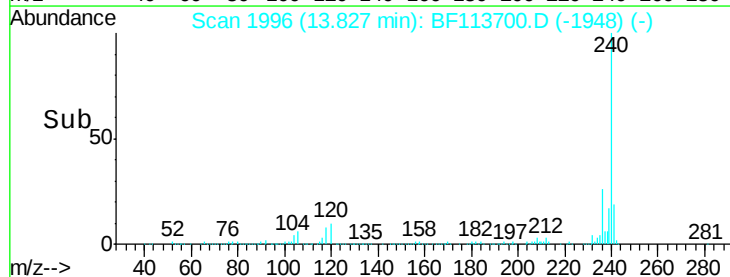


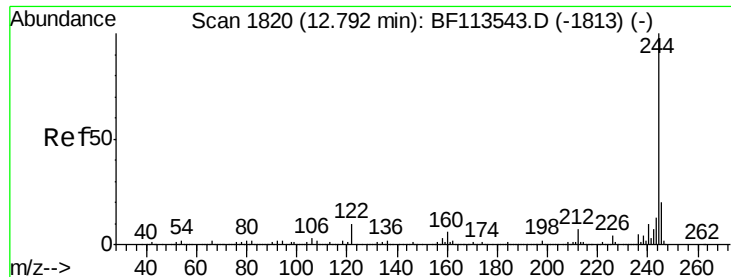
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113700.D
Acq: 10 Apr 2019 16:59

Tgt Ion:240 Resp: 292969
Ion Ratio Lower Upper
240 100
120 9.6 8.8 13.2
236 25.7 20.9 31.3



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

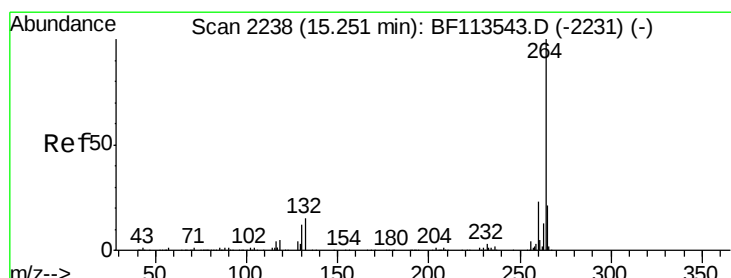
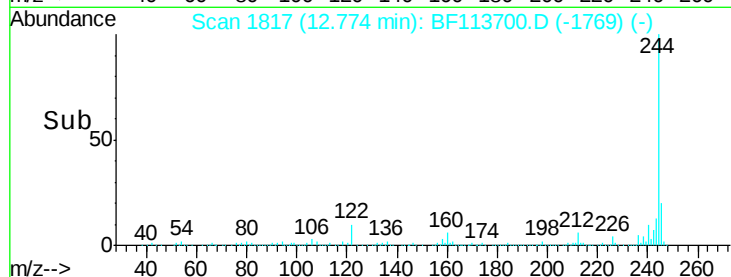
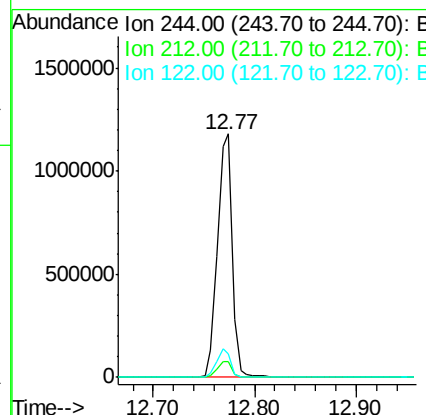
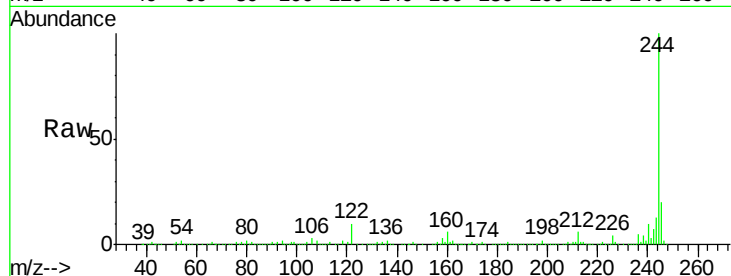




#79
 Terphenyl-d14
 Concen: 83.438 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113700.D
 Acq: 10 Apr 2019 16:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1200612
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 9.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113700.D
 Acq: 10 Apr 2019 16:59

Tgt Ion:264 Resp: 272032
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.3 17.1 25.7

