

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113689.D
 Acq On : 10 Apr 2019 7:37
 Operator : JU/SJ
 Sample : K2294-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 08:06:56 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

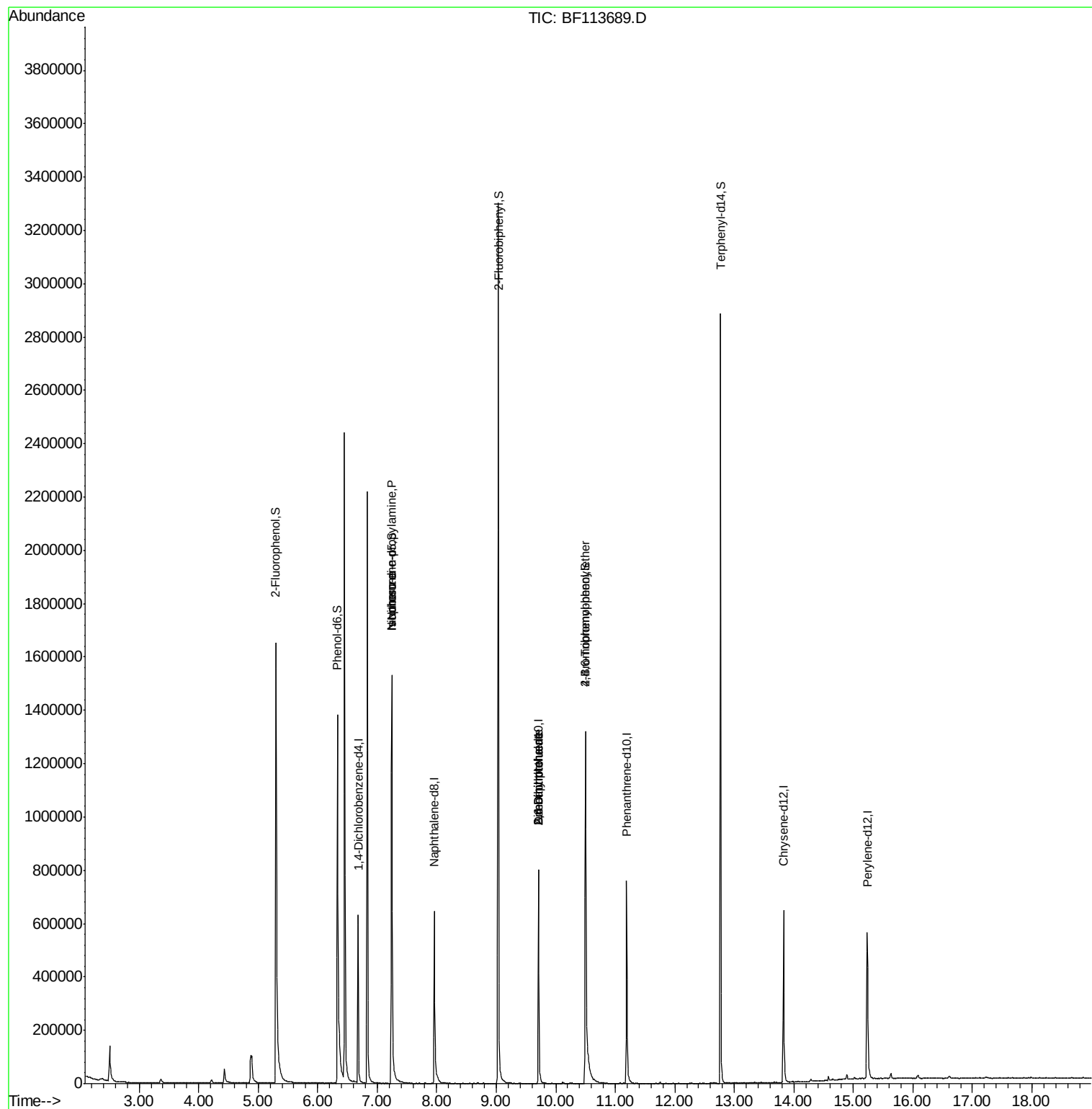
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111608	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	415572	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	194134	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	366930	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	296324	20.00	ng	-0.02
87) Perylene-d12	15.23	264	305693	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	687947	105.11	ng	0.00
7) Phenol-d6	6.33	99	812436	100.71	ng	0.00
23) Nitrobenzene-d5	7.25	82	583816	82.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	278579	119.46	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1119051	92.80	ng	-0.02
79) Terphenyl-d14	12.77	244	1064592	73.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	73511	14.778	ng	# 75
25) Isophorone	7.25	82	583813	42.717	ng	# 64
50) Dimethylphthalate	9.71	163	44669	3.121	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	23752	7.530	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	23752	6.226	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	15095	3.668	ng	# 1

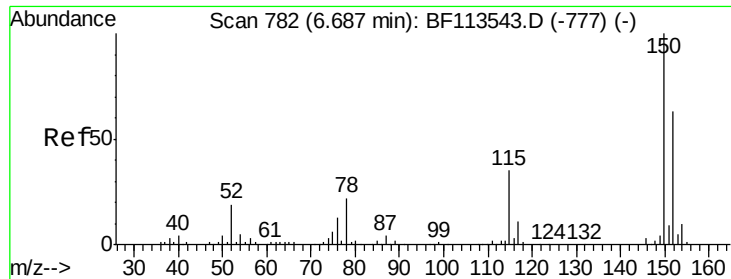
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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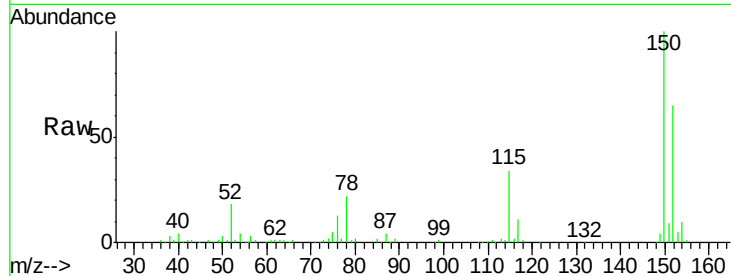


#1

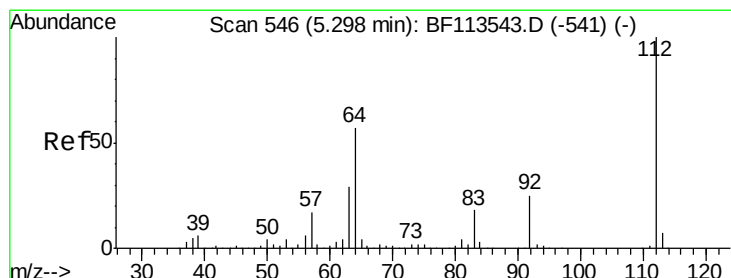
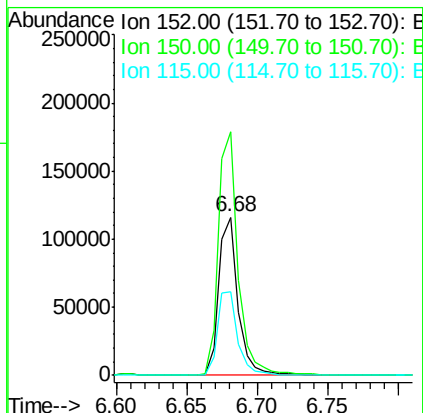
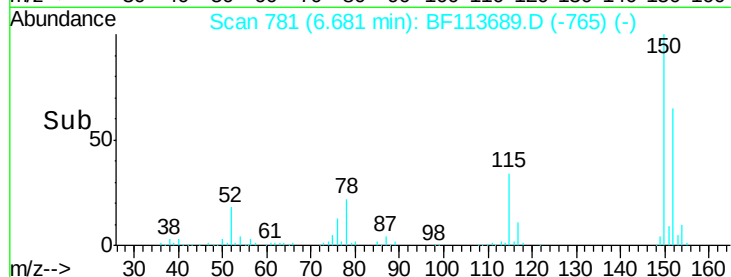
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111608
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 52.7 46.0 69.0



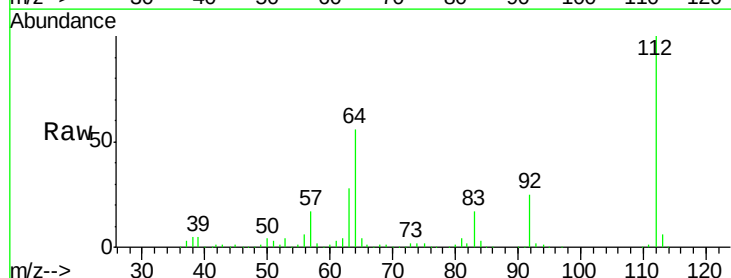
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



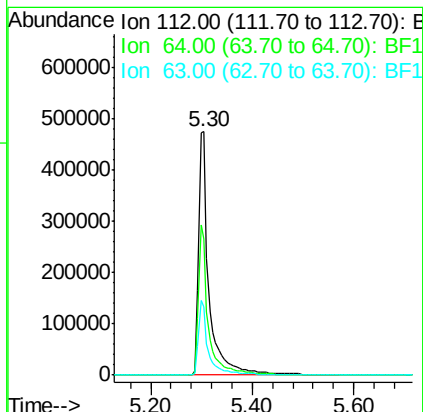
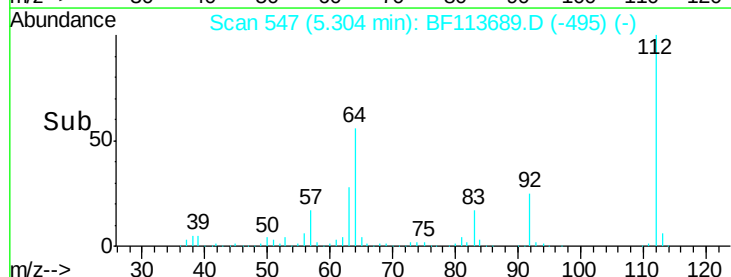
#5

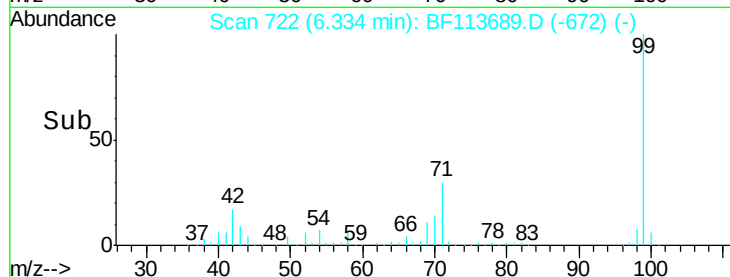
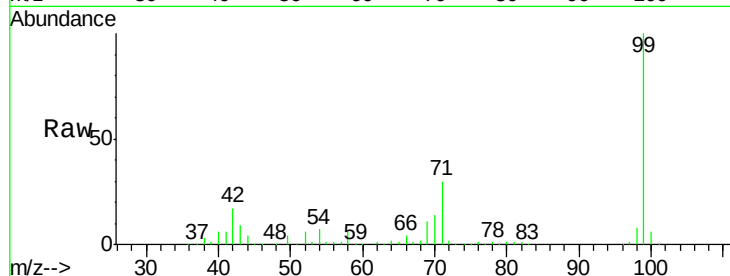
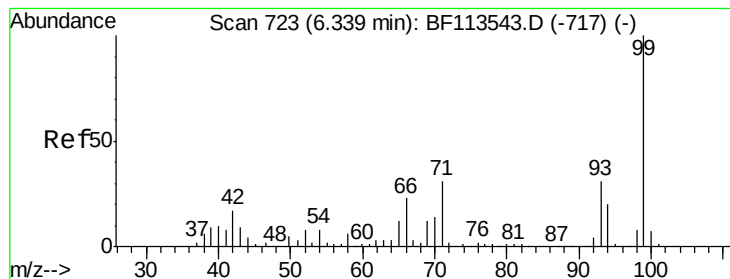
2-Fluorophenol
Concen: 105.110 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

Tgt Ion:112 Resp: 687947
Ion Ratio Lower Upper
112 100
64 56.0 49.2 73.8
63 28.0 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: 100.714 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

Instrument :

BNA_F

ClientSampleId :

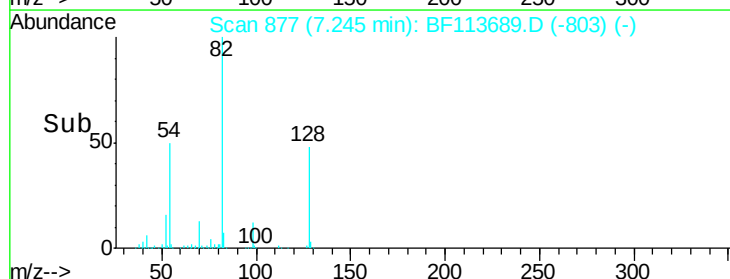
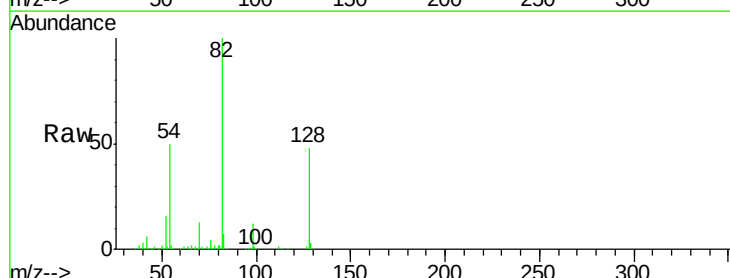
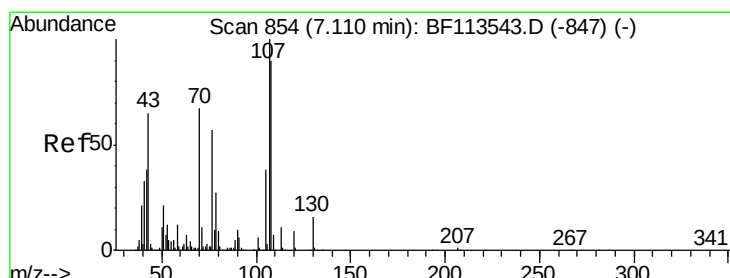
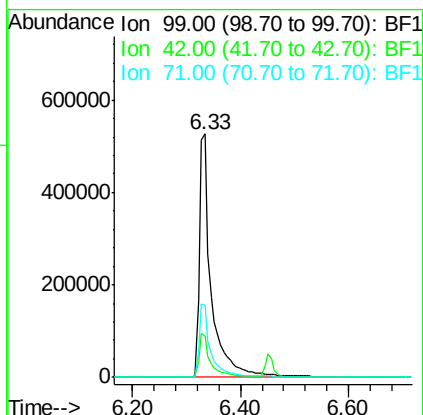
Tot Ion: 99 Resp: 812436

Ion Ratio Lower Upper

99 100

42 16.9 14.8 22.2

71 29.6 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.778 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

Tgt Ion: 70 Resp: 73511

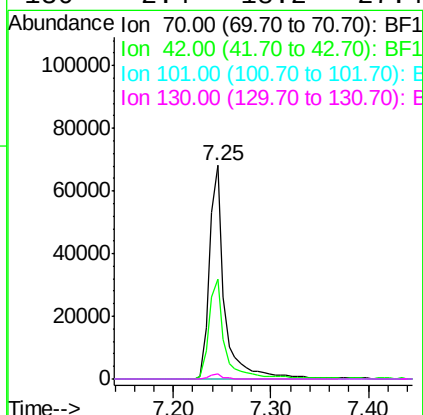
Ion Ratio Lower Upper

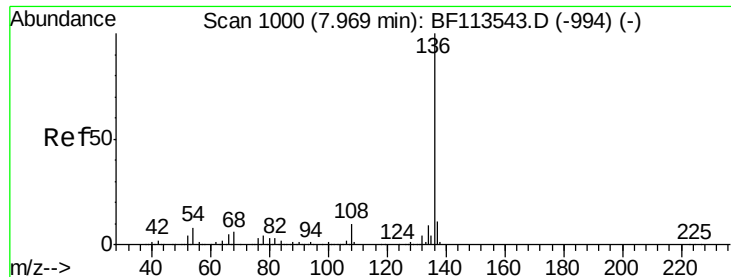
70 100

42 46.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

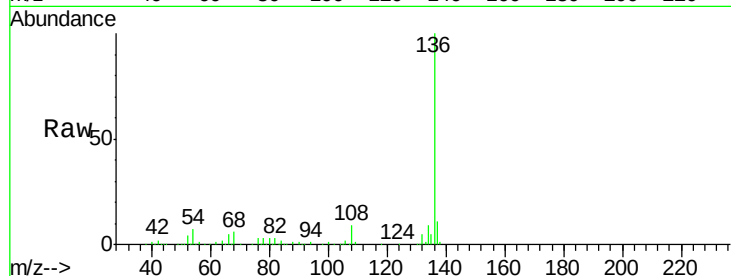




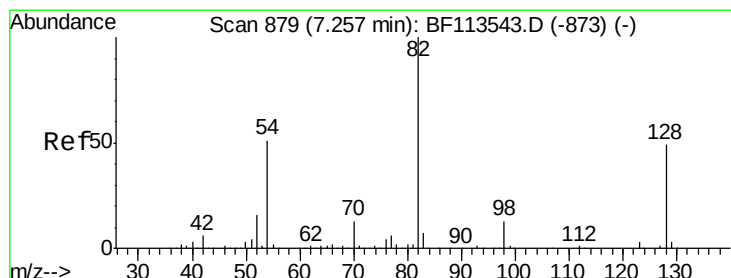
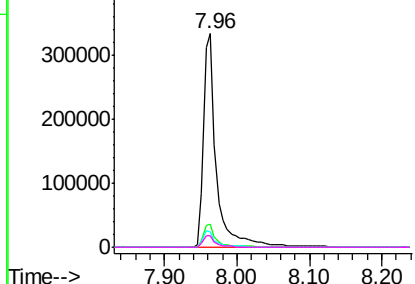
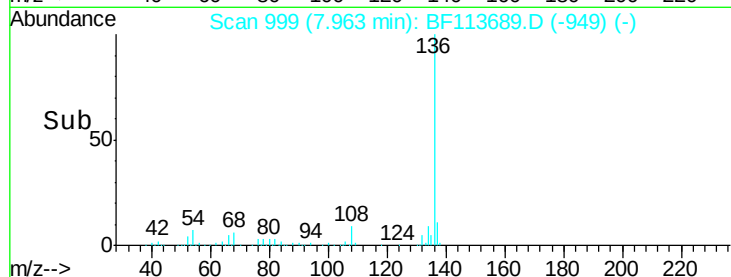
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	415572
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.4	7.0 10.6
68	5.6	4.8 7.2

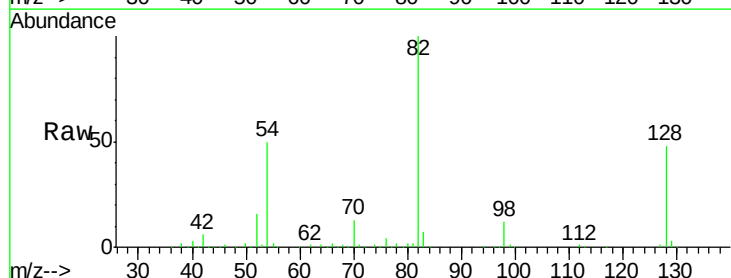


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

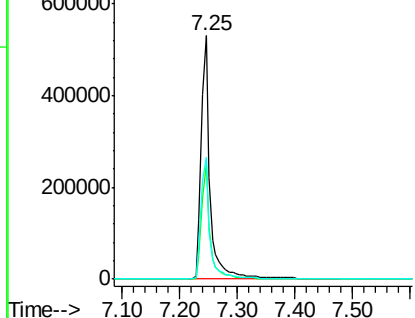
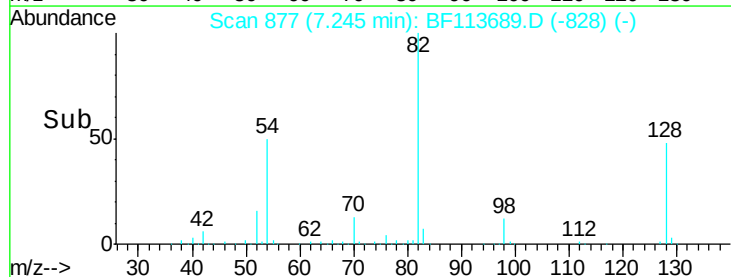


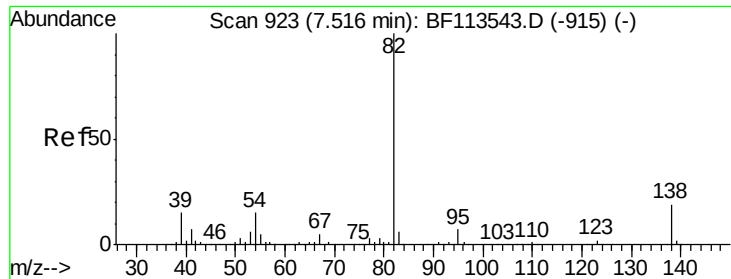
#23
Nitrobenzene-d5
Concen: 82.289 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

Tgt Ion: 82	Resp:	583816
Ion Ratio	Lower	Upper
82	100	
128	47.6	36.5 54.7
54	50.4	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: 42.717 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

Instrument :

BNA_F

ClientSampleId :

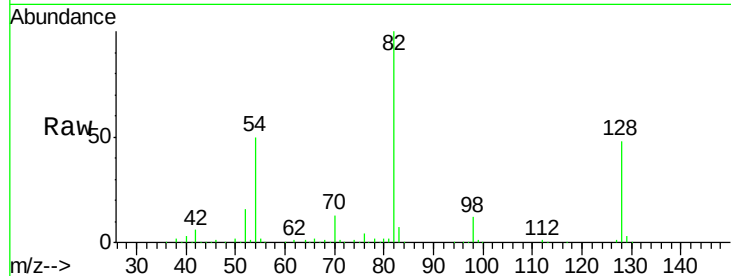
Tot Ion: 82 Resp: 583813

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

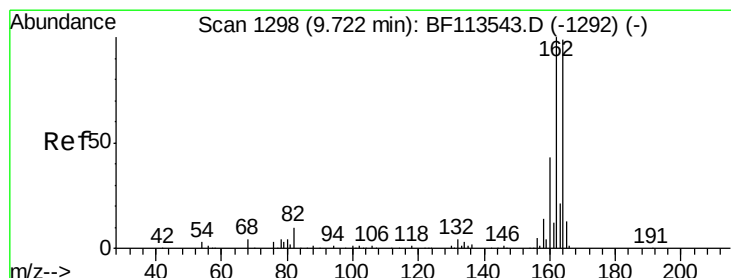
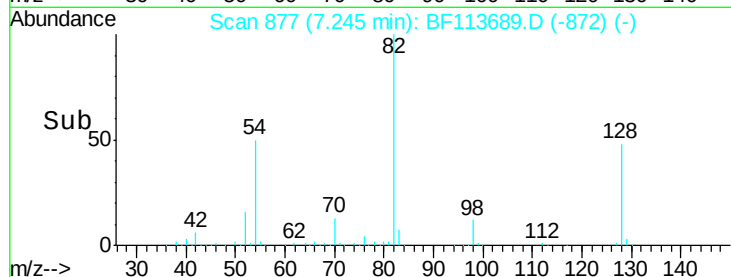
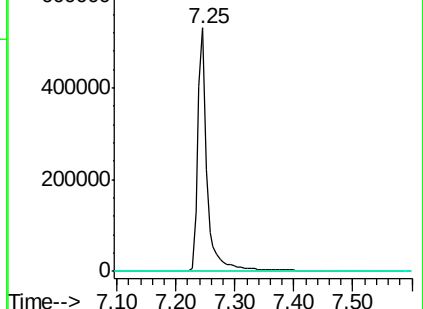
138 0.0 15.2 22.8#



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: BF113689.D

Acq: 10 Apr 2019 7:37

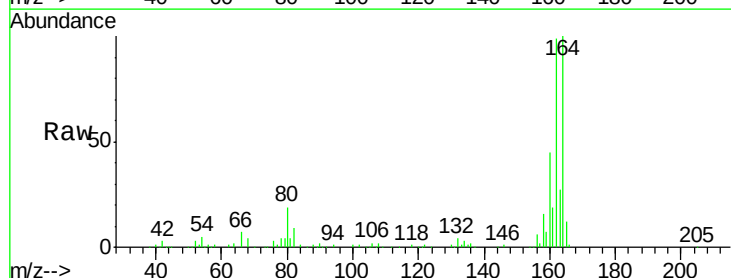
Tgt Ion: 164 Resp: 194134

Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.6

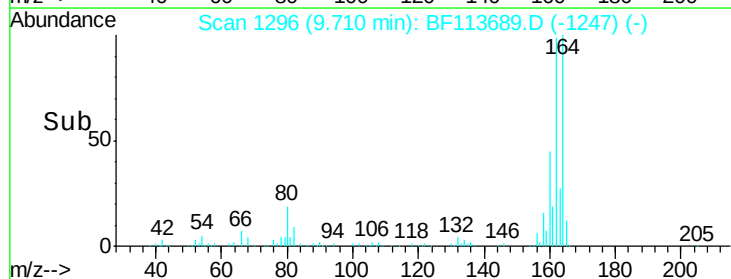
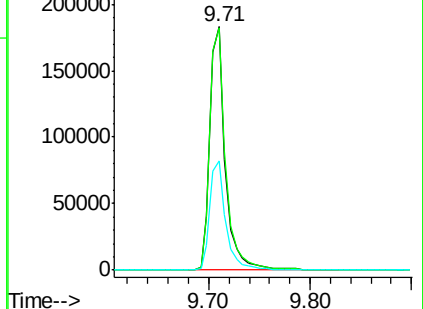
160 44.9 36.4 54.6

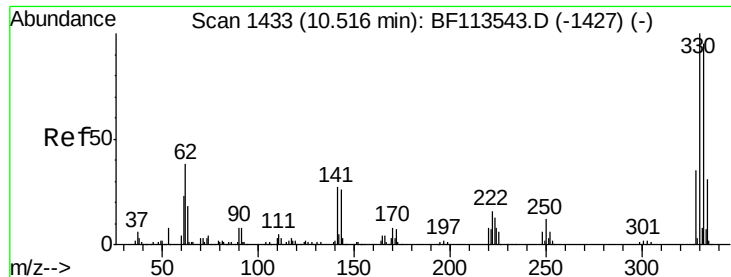


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

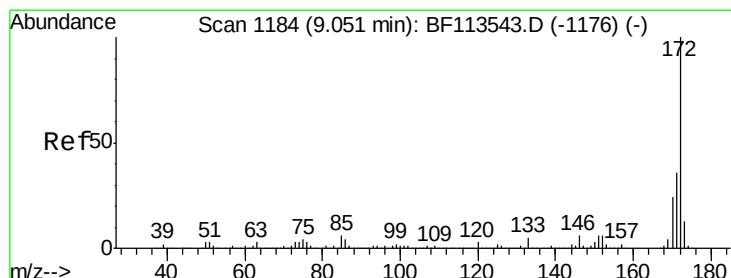
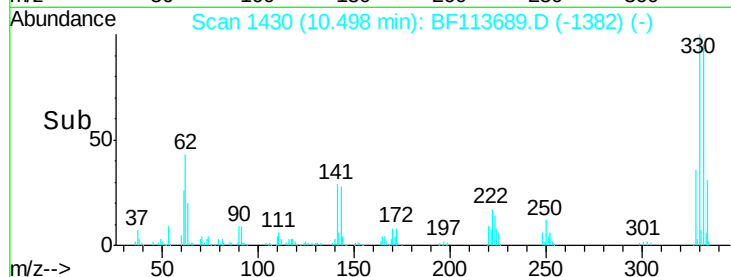
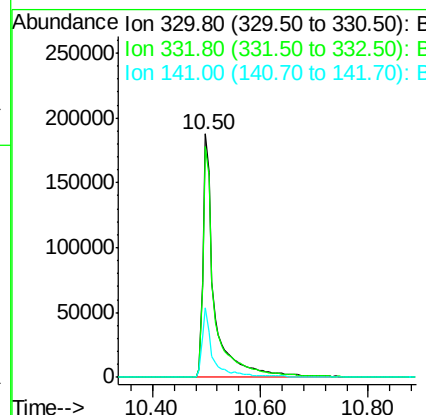
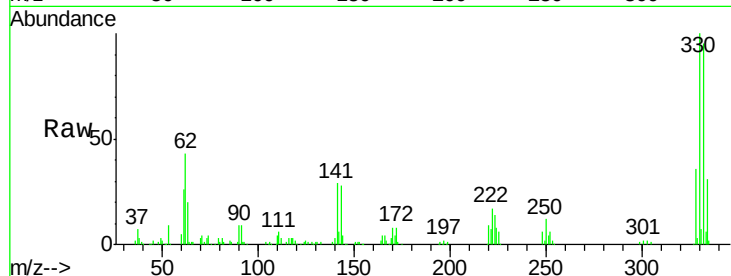




#42
 2,4,6-Tribromophenol
 Concen: 119.458 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113689.D
 Acq: 10 Apr 2019 7:37

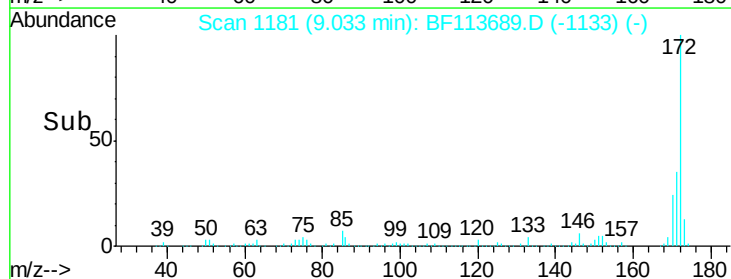
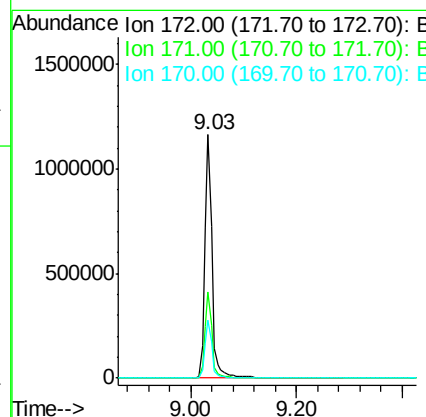
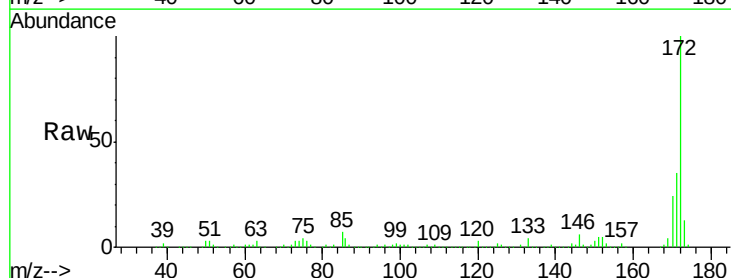
Instrument :
 BNA_F
 ClientSampleId :

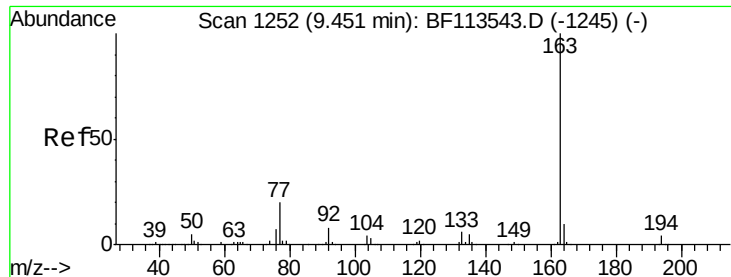
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.6
141	27.0	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 92.799 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113689.D
 Acq: 10 Apr 2019 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.9	19.5	29.3

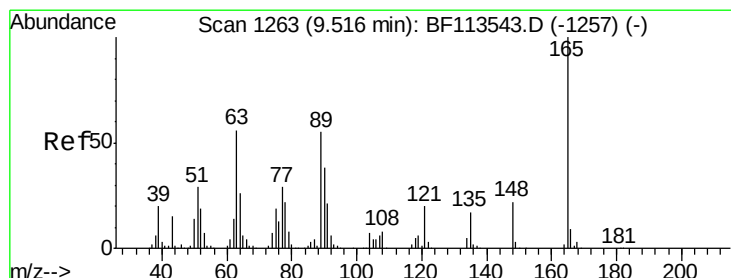
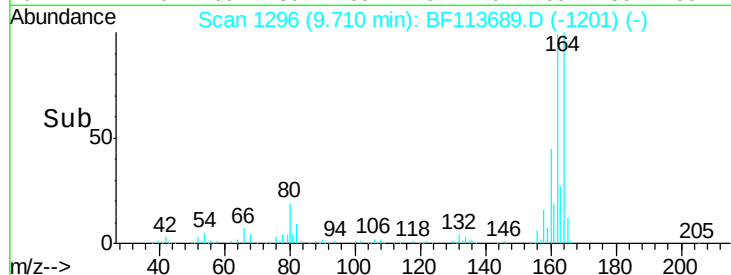
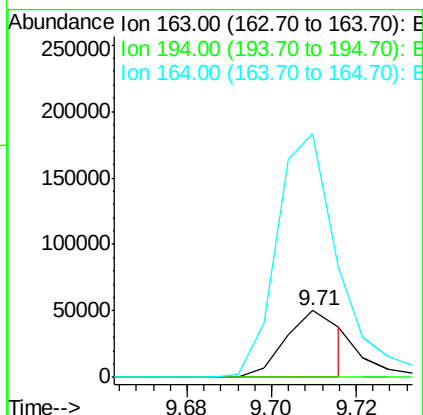
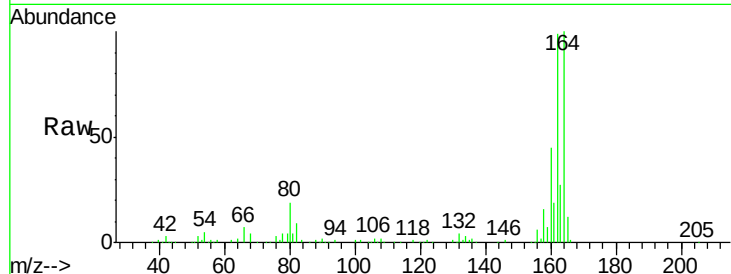




#50
Dimethylphthalate
Concen: 3.121 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

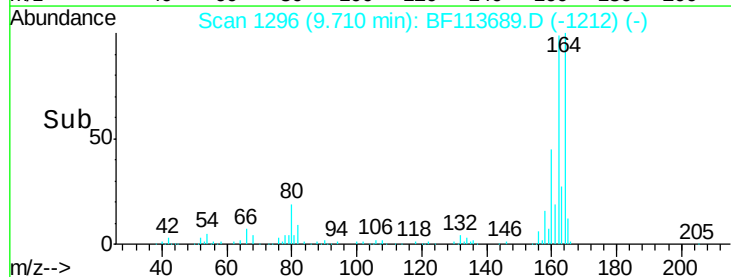
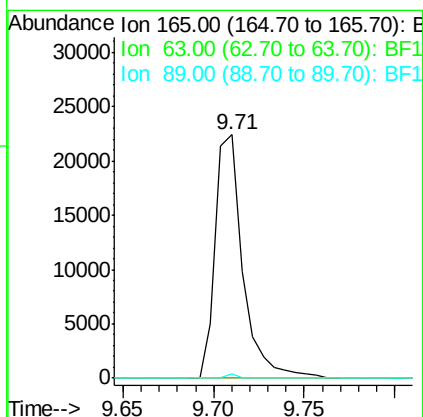
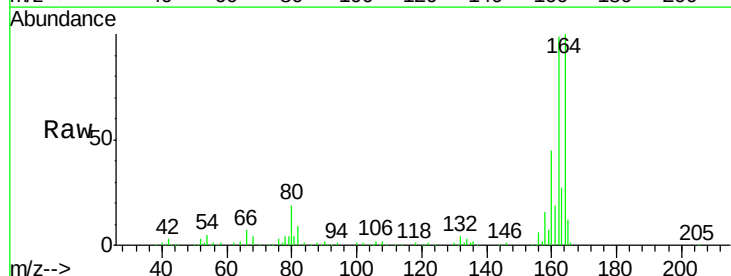
Instrument :
BNA_F
ClientSampled :

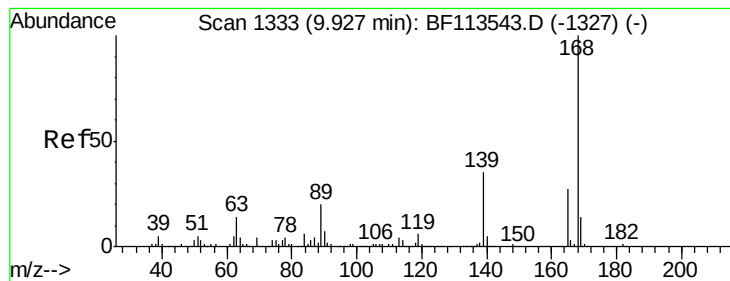
Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	366.5	8.1	12.1#



#51
2,6-Dinitrotoluene
Concen: 7.530 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113689.D
Acq: 10 Apr 2019 7:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	2.0	43.1	64.7#





#57

2,4-Dinitrotoluene

Concen: 6.226 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23752

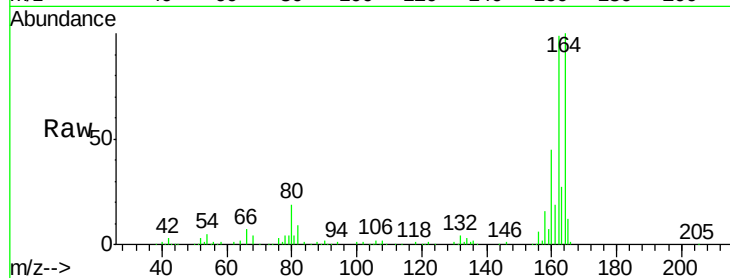
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 2.0 57.4 86.2#

182 0.0 2.0 3.0#

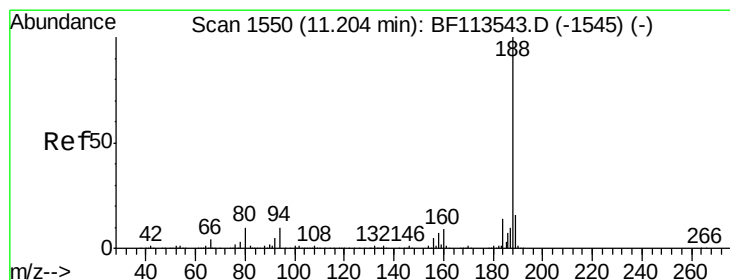
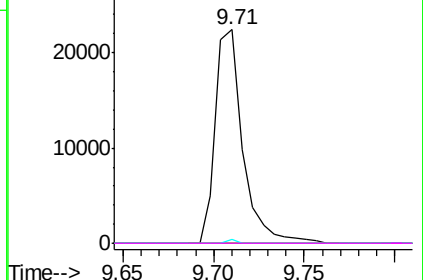
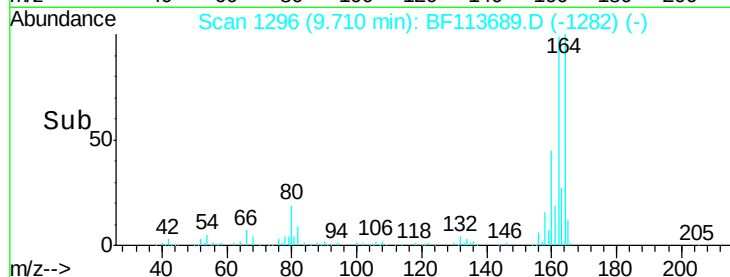


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF113689.D

Acq: 10 Apr 2019 7:37

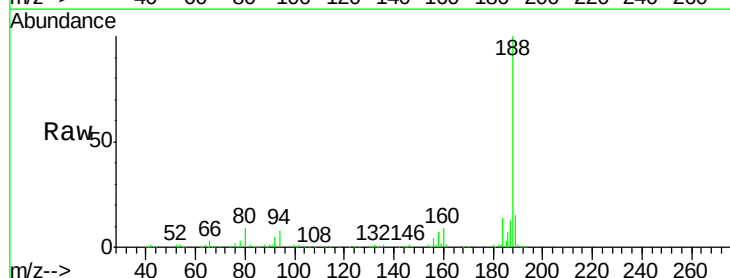
Tgt Ion:188 Resp: 366930

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

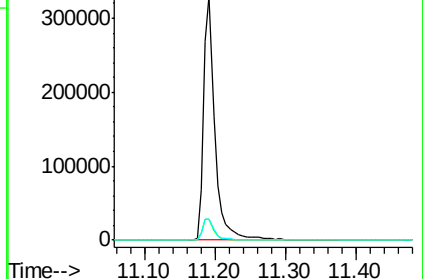
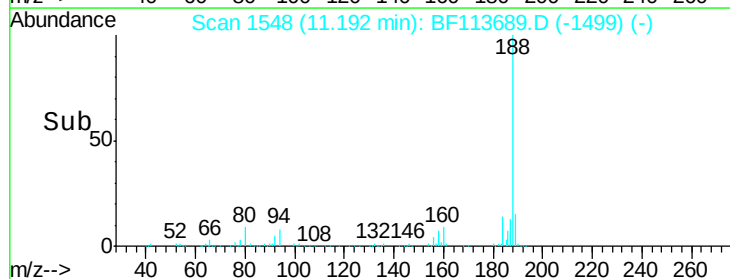
80 8.6 7.7 11.5

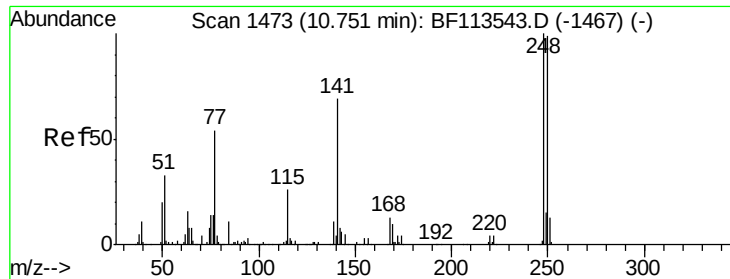


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

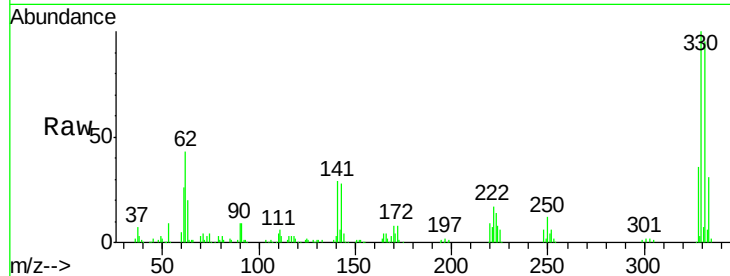




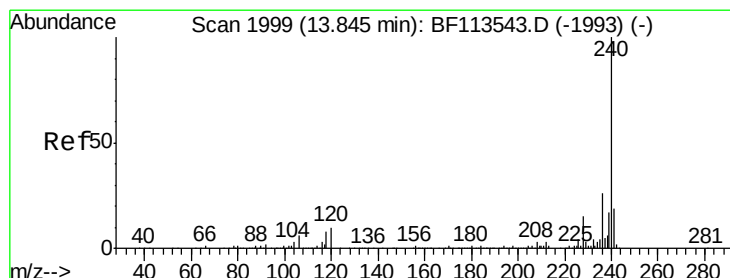
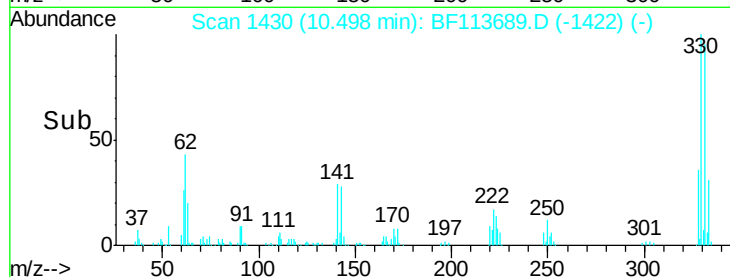
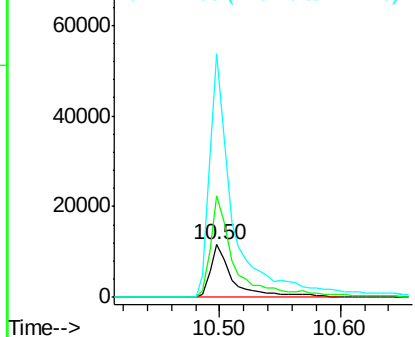
#67
 4-Bromophenyl-phenylether
 Concen: 3.668 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113689.D
 Acq: 10 Apr 2019 7:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.0	78.3	117.5#
141	465.6	56.2	84.4#

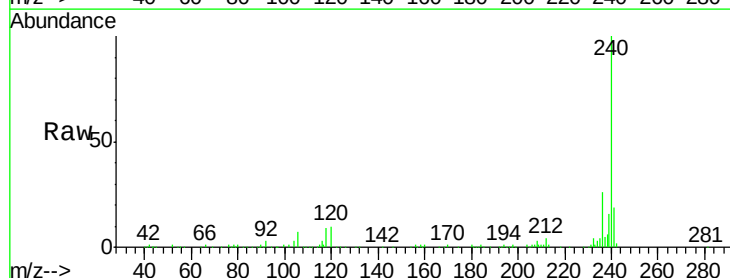


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

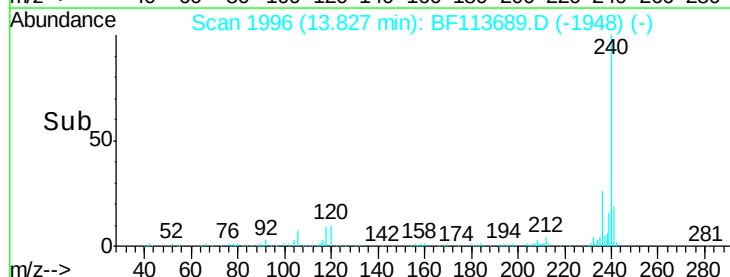
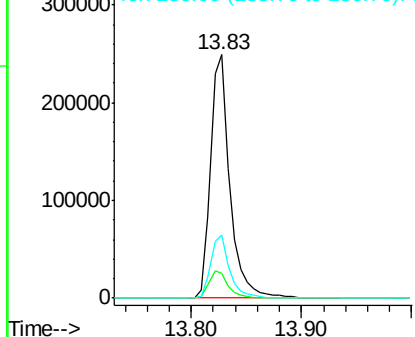


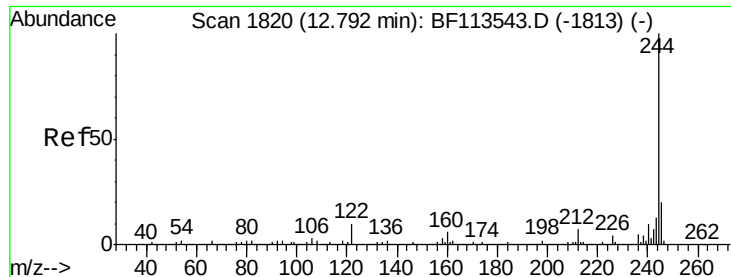
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113689.D
 Acq: 10 Apr 2019 7:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	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: 73.147 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

Instrument :

BNA_F

ClientSampled :

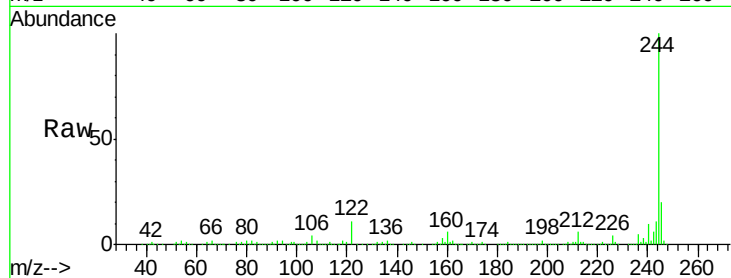
Tot Ion:244 Resp: 1064592

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

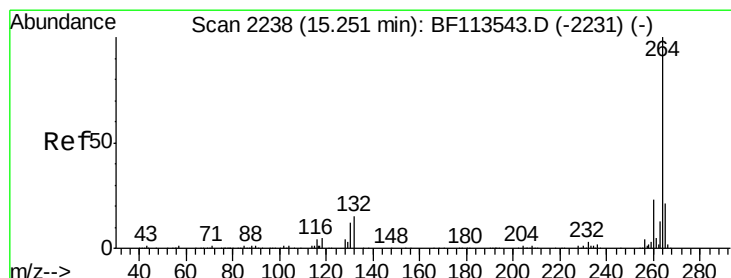
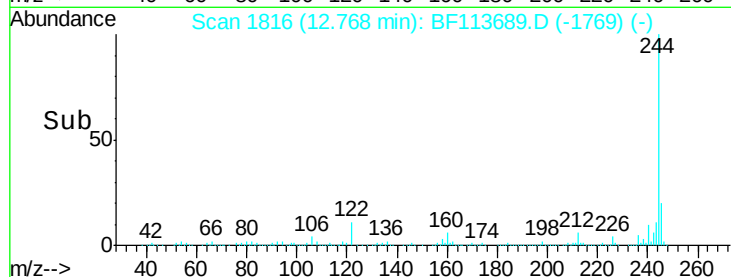
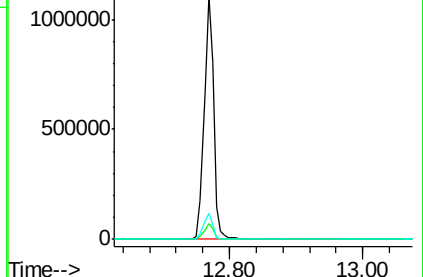
122 10.8 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113689.D

Acq: 10 Apr 2019 7:37

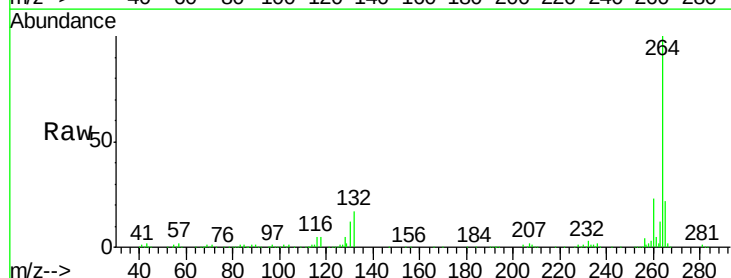
Tgt Ion:264 Resp: 305693

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

