

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113750.D
 Acq On : 12 Apr 2019 20:55
 Operator : JU/SJ
 Sample : K2358-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:02:07 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

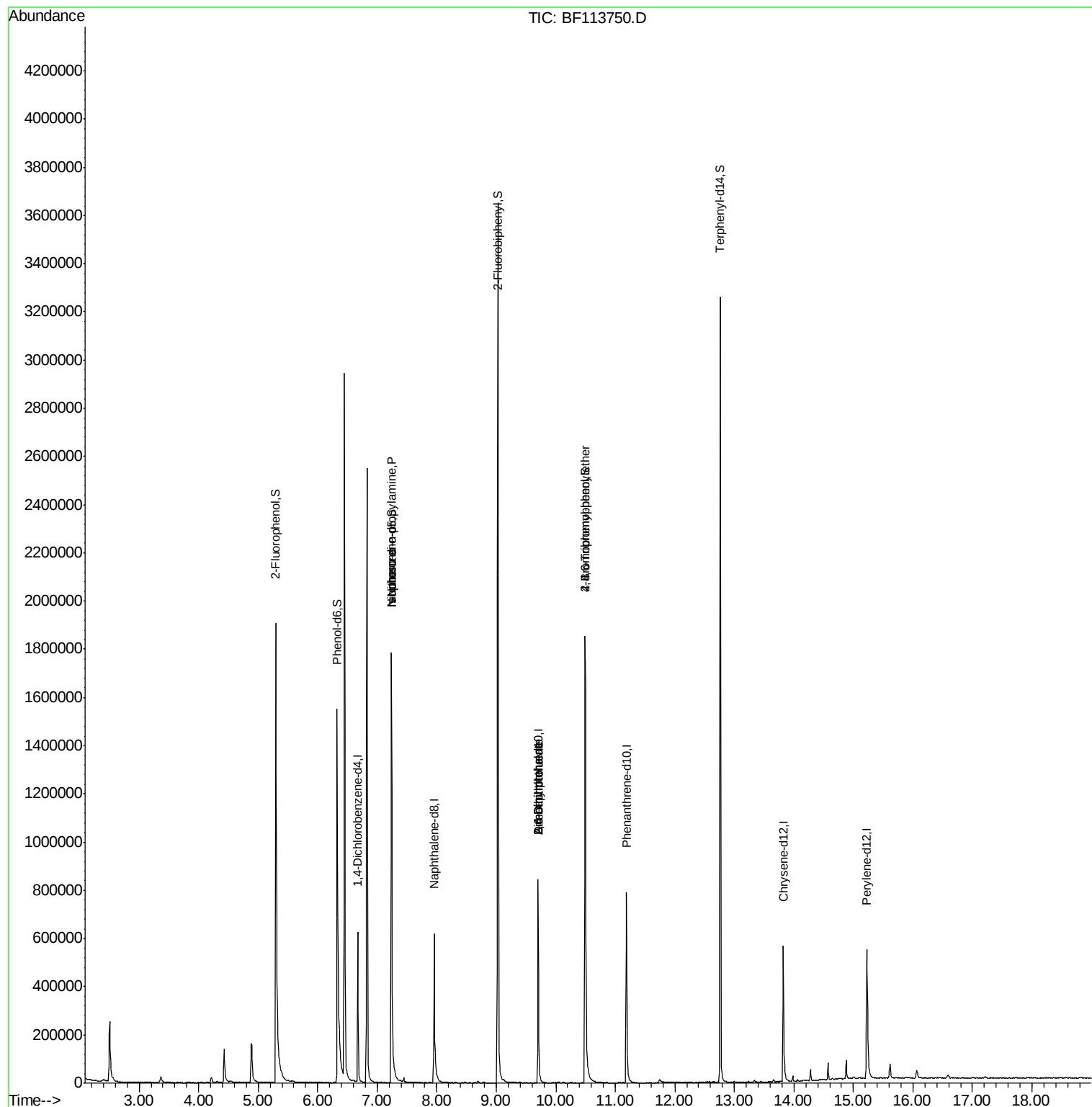
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	110250	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	407705	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	195092	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	389780	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	253776	20.00	ng	-0.02
87) Perylene-d12	15.23	264	304253	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	784849	121.39	ng	0.00
7) Phenol-d6	6.33	99	893246	112.10	ng	-0.01
23) Nitrobenzene-d5	7.24	82	685659	98.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	337991	144.22	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1251107	103.24	ng	-0.02
79) Terphenyl-d14	12.76	244	1309960	105.10	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	86841	17.673	ng	# 76
25) Isophorone	7.24	82	686508	51.201	ng	# 64
50) Dimethylphthalate	9.70	163	41502	2.886	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	24975	7.879	ng	# 27
57) 2,4-Dinitrotoluene	9.70	165	24975	6.514	ng	# 23
67) 4-Bromophenyl-phenylether	10.49	248	18844	4.311	ng	# 1

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

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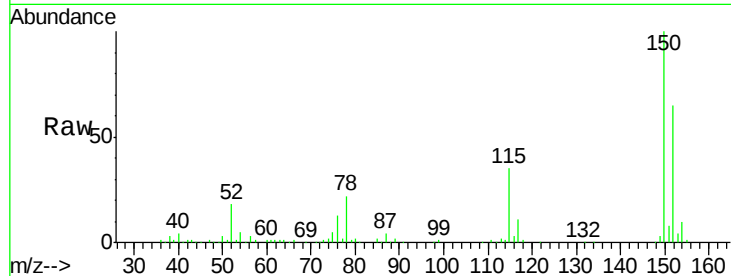


#1

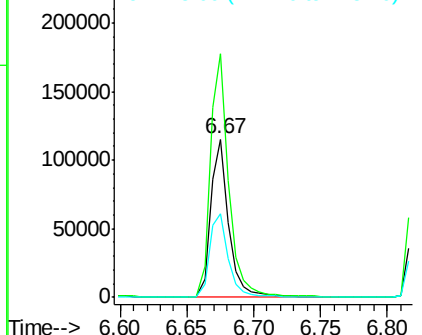
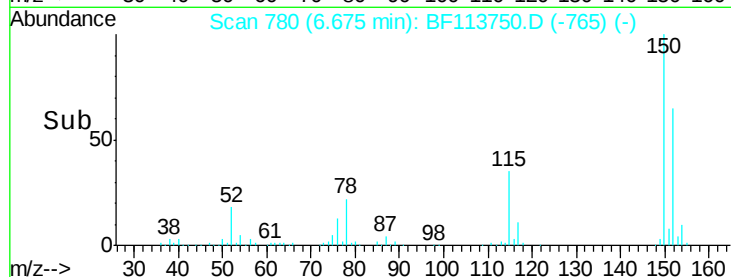
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110250
Ion Ratio Lower Upper
152 100
150 154.2 124.7 187.1
115 53.3 46.0 69.0



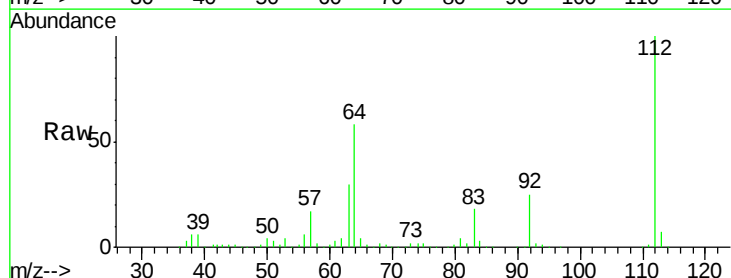
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



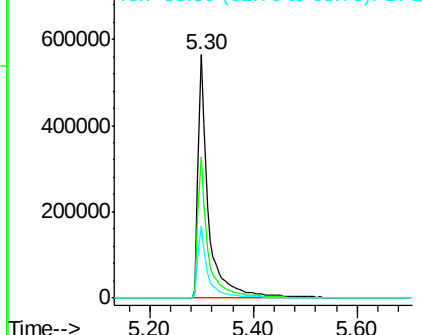
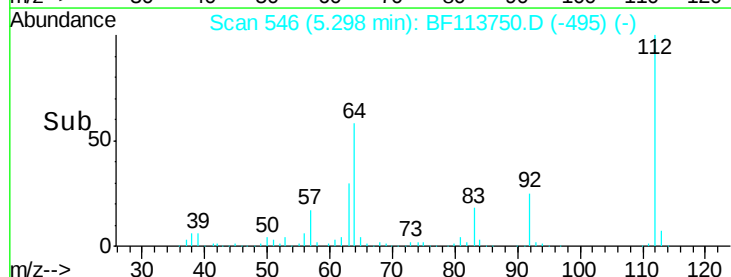
#5

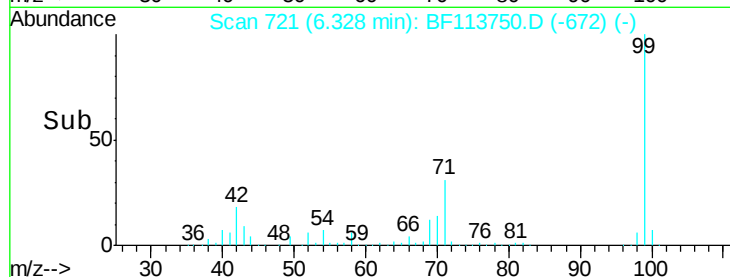
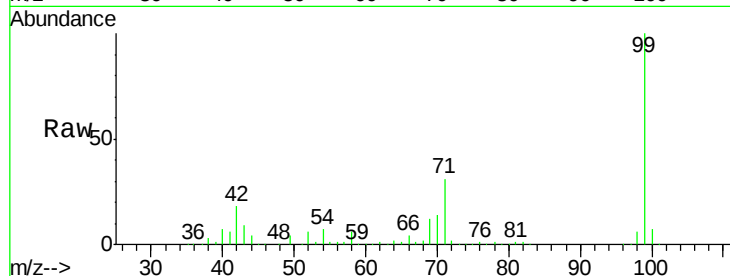
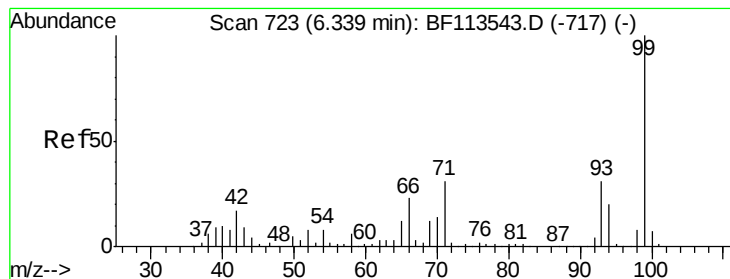
2-Fluorophenol
Concen: 121.392 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Tgt Ion:112 Resp: 784849
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 29.6 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: 112.095 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

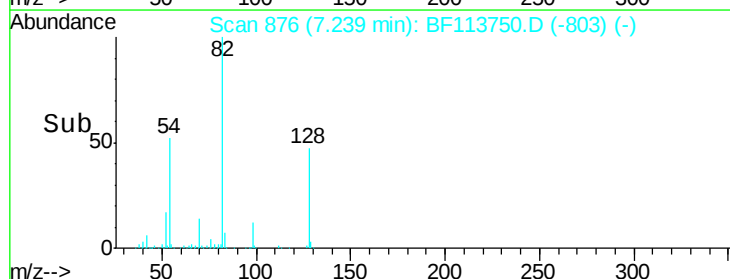
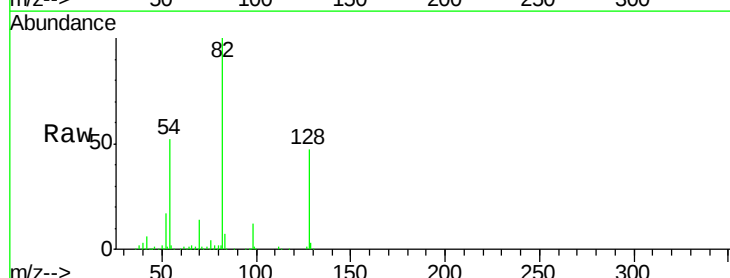
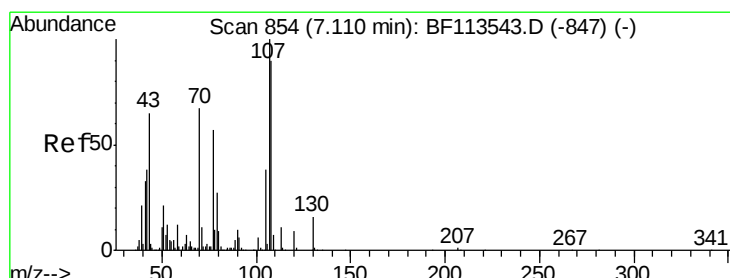
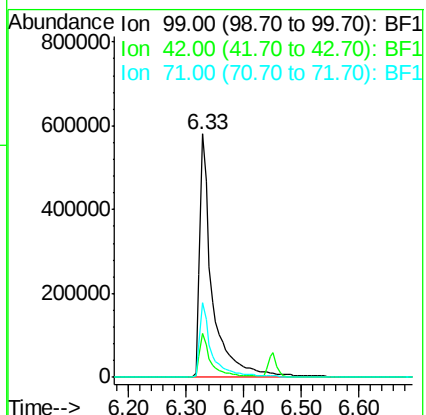
Tot Ion: 99 Resp: 893246

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 30.6 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.673 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Tgt Ion: 70 Resp: 86841

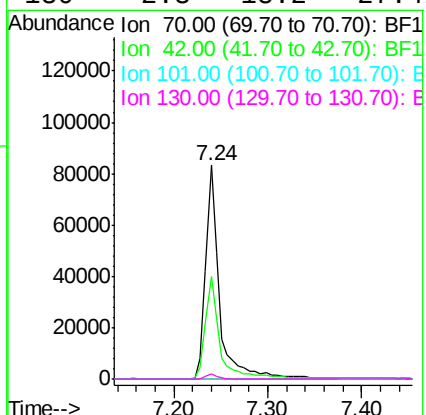
Ion Ratio Lower Upper

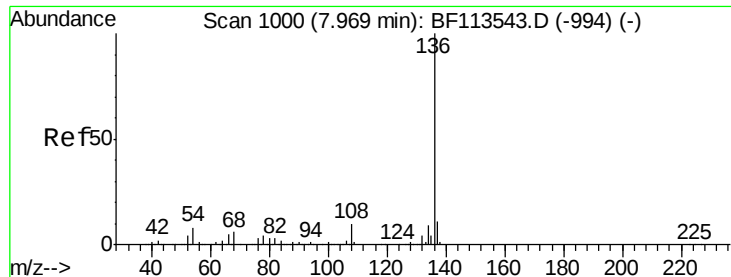
70 100

42 47.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

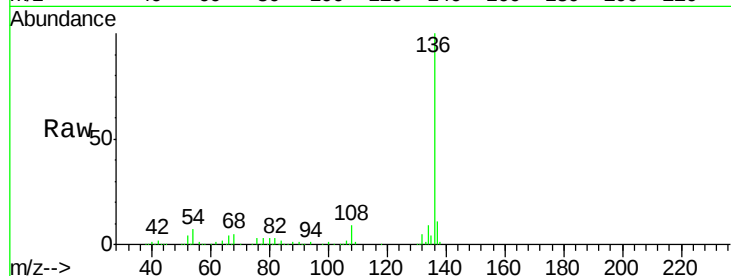




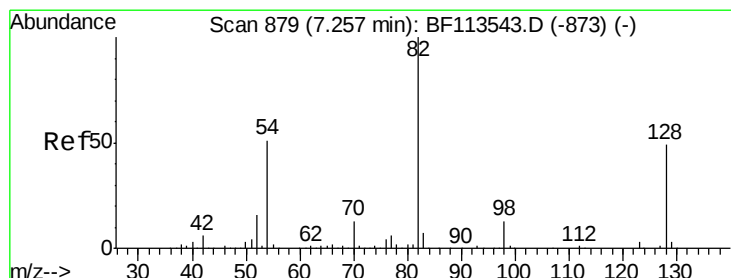
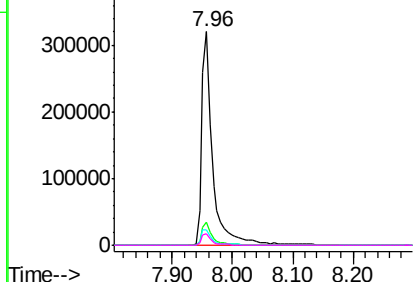
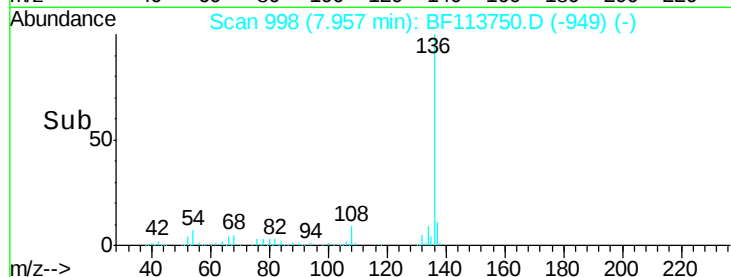
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	407705
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.2	7.0 10.6
68	5.3	4.8 7.2

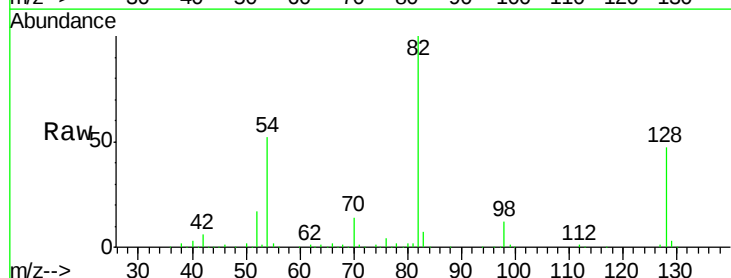


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

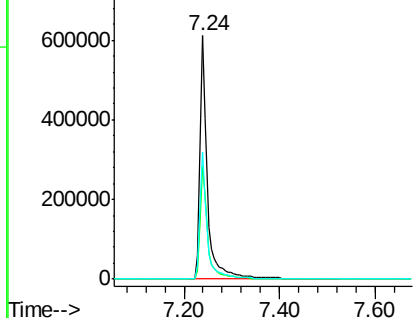
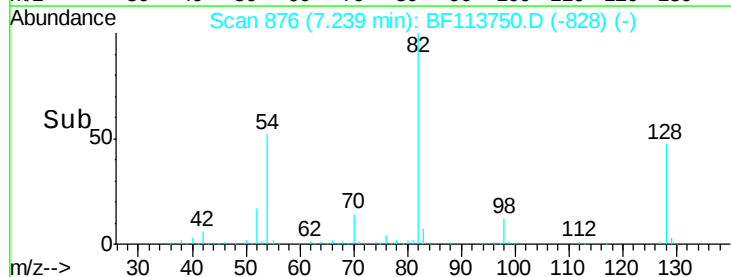


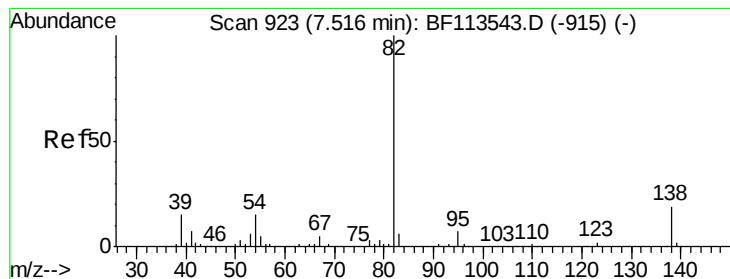
#23
Nitrobenzene-d5
Concen: 98.509 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113750.D
Acq: 12 Apr 2019 20:55

Tgt Ion: 82	Resp:	685659
Ion Ratio	Lower	Upper
82	100	
128	46.6	36.5 54.7
54	52.3	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: 51.201 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

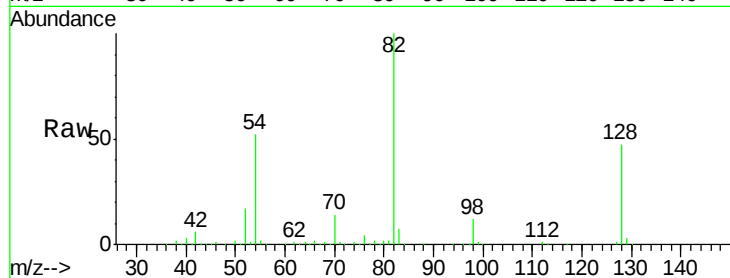
Tot Ion: 82 Resp: 686508

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

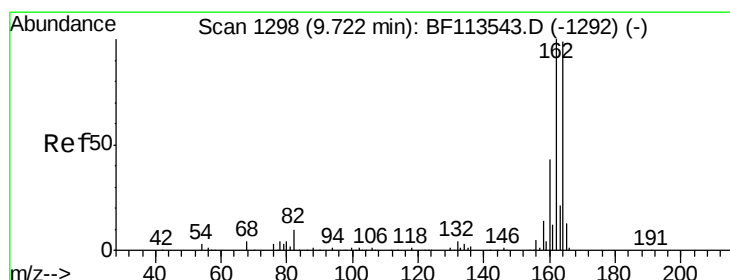
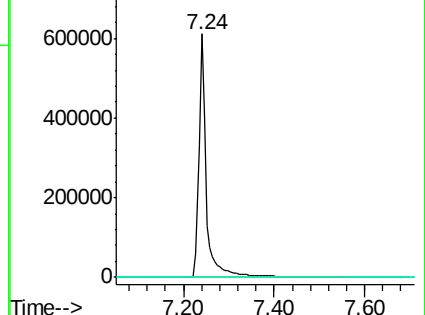
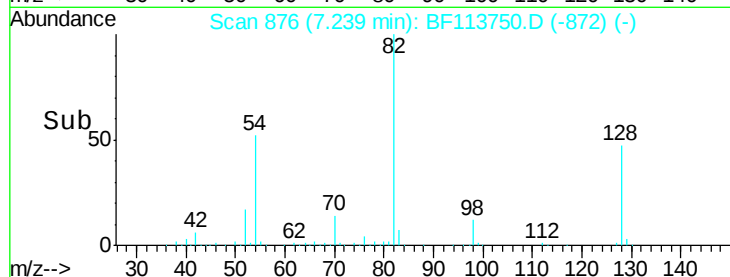
138 0.0 15.2 22.8#



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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

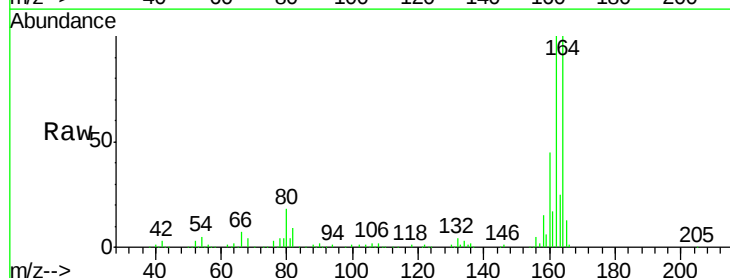
Tgt Ion:164 Resp: 195092

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

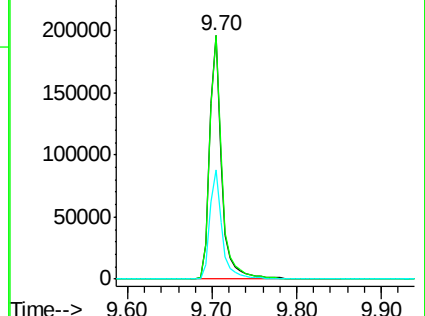
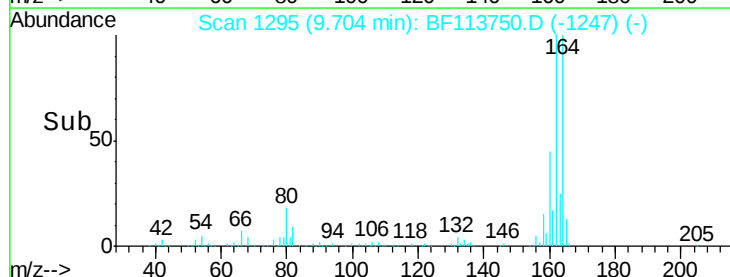
160 45.1 36.4 54.6

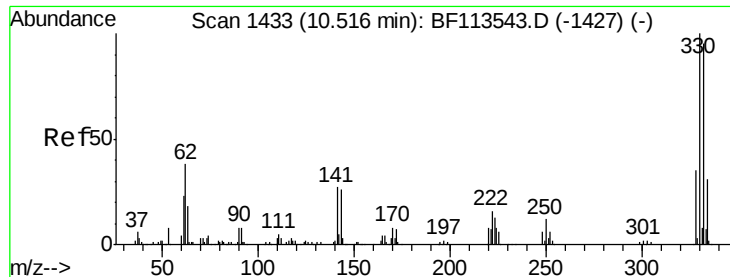


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

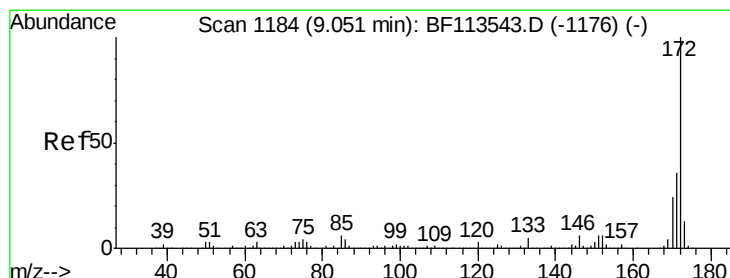
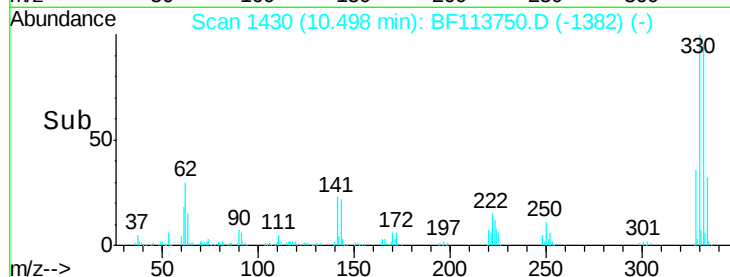
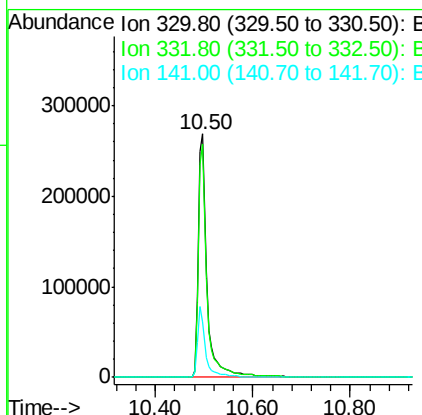
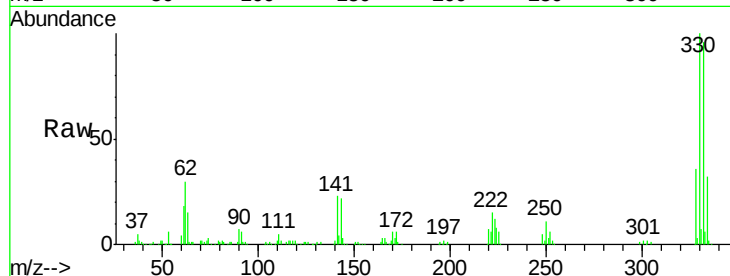




#42
 2,4,6-Tribromophenol
 Concen: 144.223 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

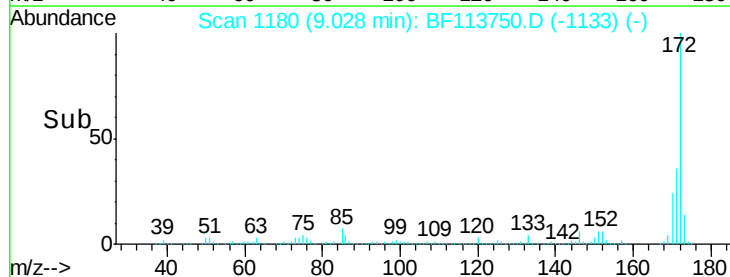
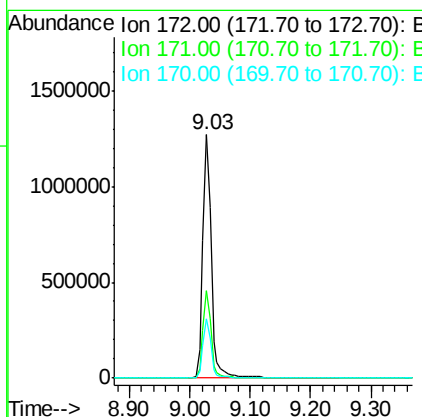
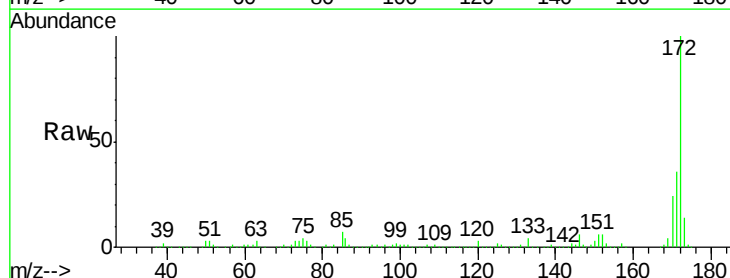
Instrument :
 BNA_F
 ClientSampleId :

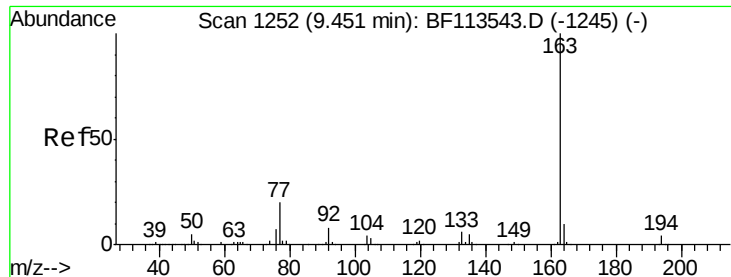
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.8	116.6
141	27.3	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 103.241 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3

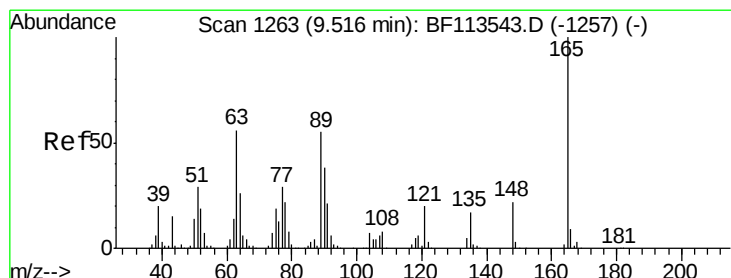
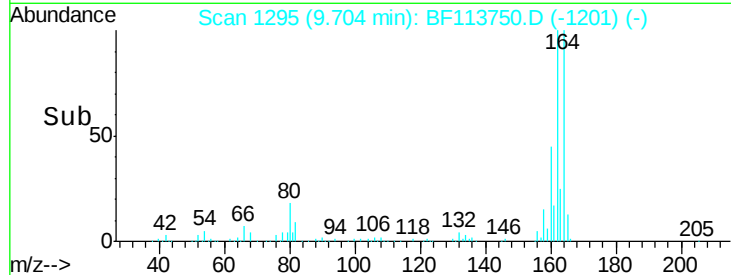
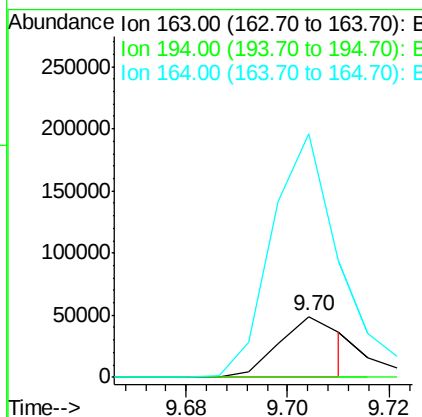
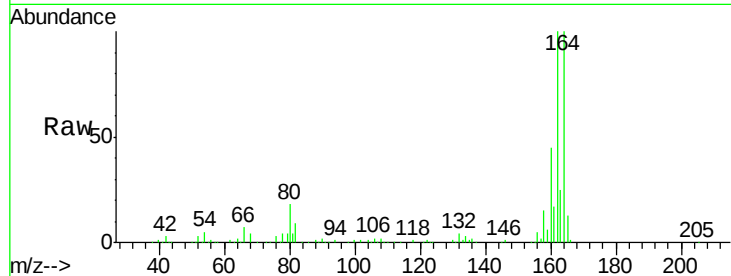




#50
 Dimethylphthalate
 Concen: 2.886 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.25 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

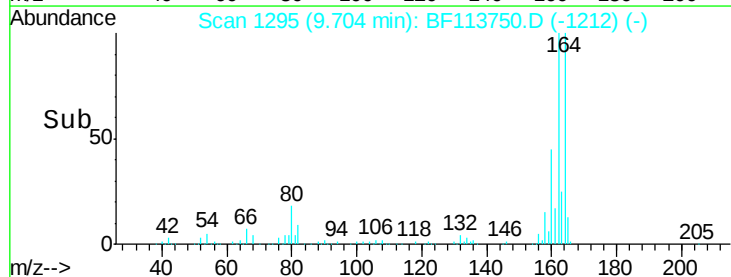
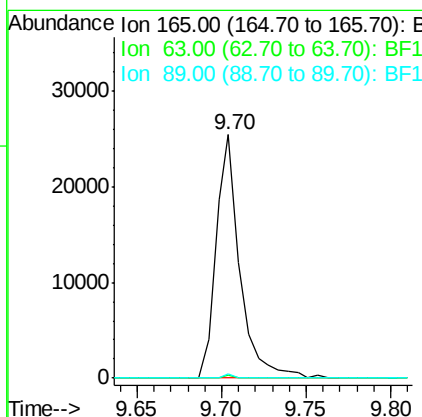
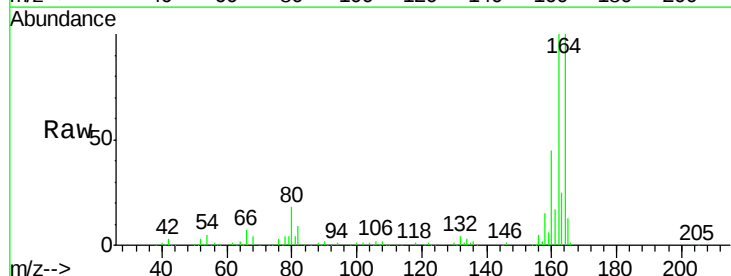
Instrument :
 BNA_F
 ClientSampled :

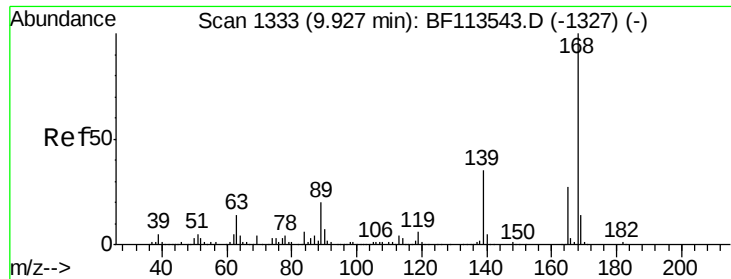
Tot Ion:163 Resp: 41502
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.0 4.6#
 164 398.4 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 7.879 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.19 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Tgt Ion:165 Resp: 24975
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.5 43.1 64.7#

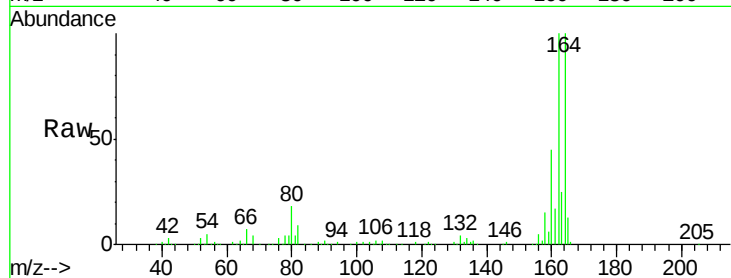




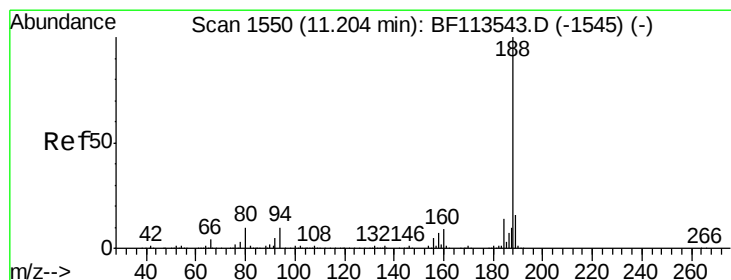
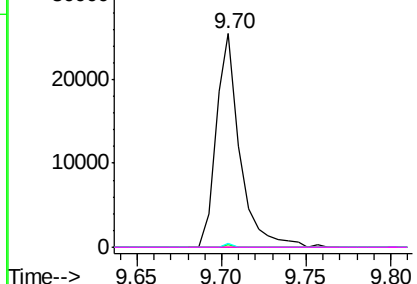
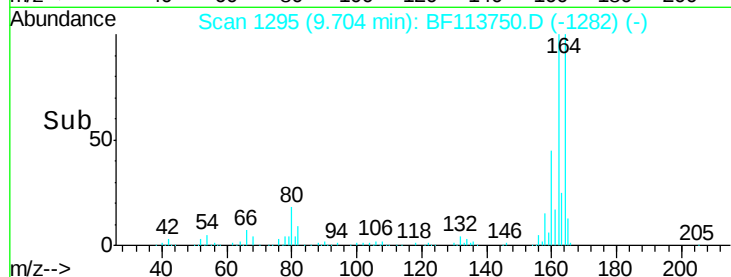
#57
 2,4-Dinitrotoluene
 Concen: 6.514 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24975
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#

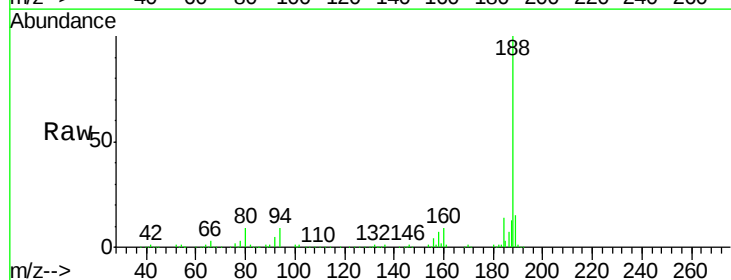


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

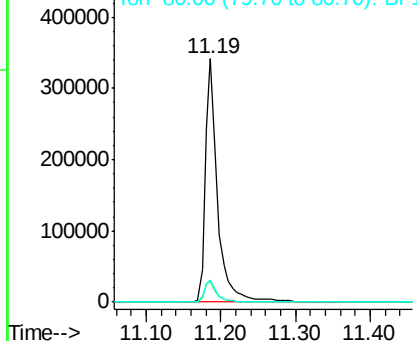
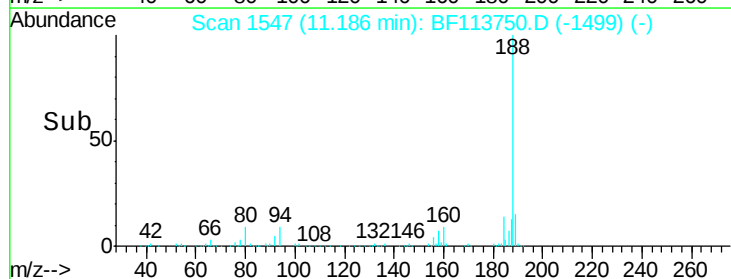


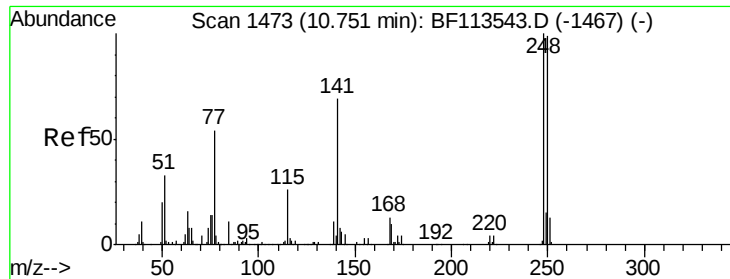
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113750.D
 Acq: 12 Apr 2019 20:55

Tgt Ion:188 Resp: 389780
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 8.9 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: 4.311 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.26 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampled :

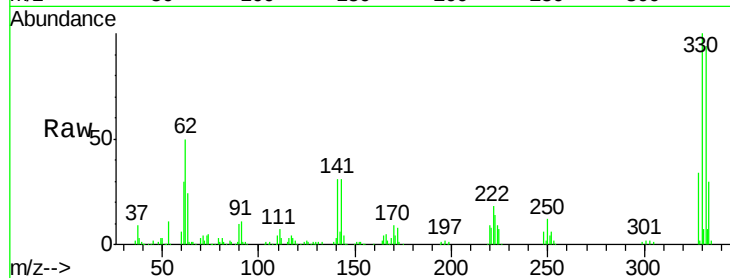
Tot Ion:248 Resp: 18844

Ion Ratio Lower Upper

248 100

250 200.6 78.3 117.5#

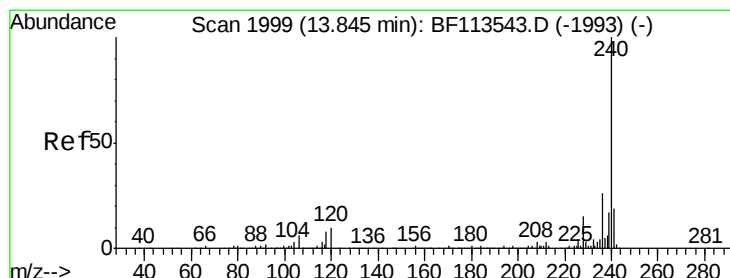
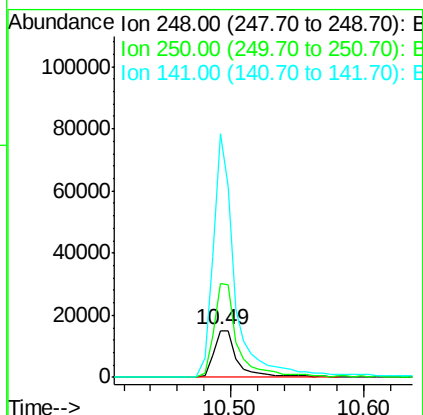
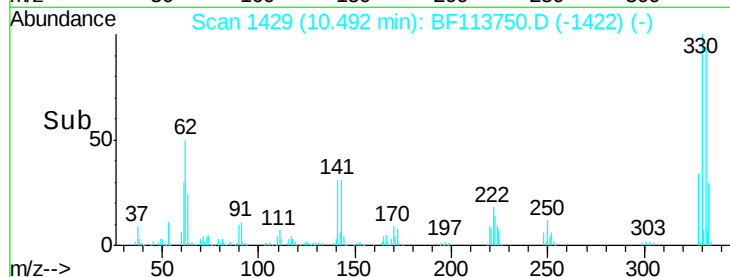
141 517.9 56.2 84.4#



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: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

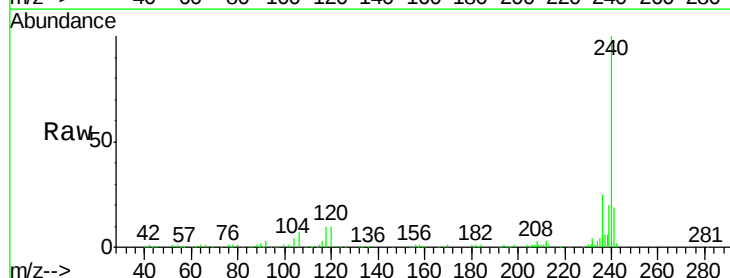
Tgt Ion:240 Resp: 253776

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

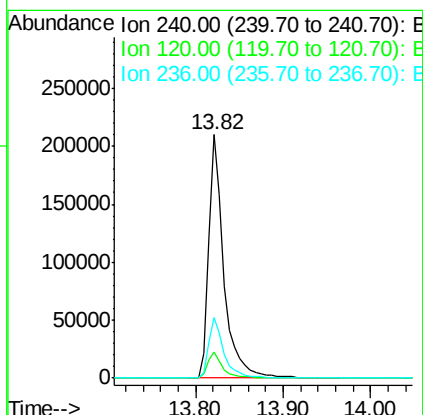
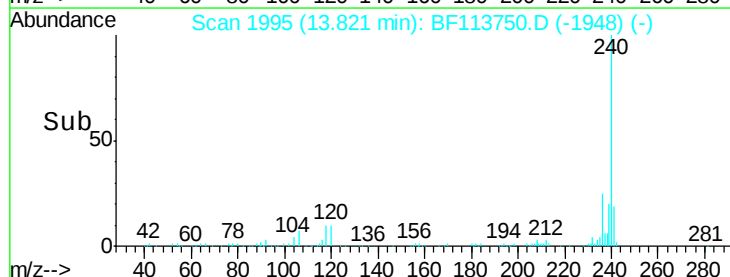
236 25.0 20.9 31.3

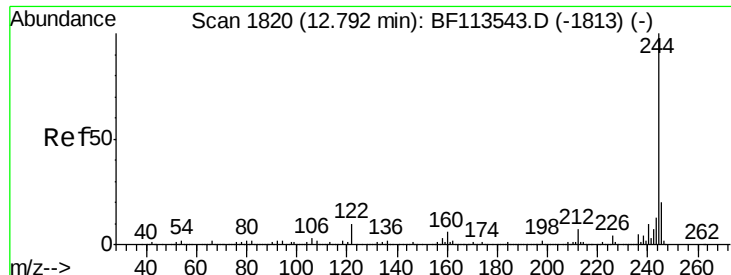


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.097 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

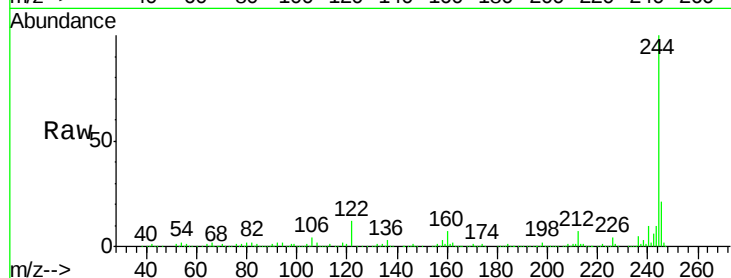
Tot Ion:244 Resp: 1309960

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

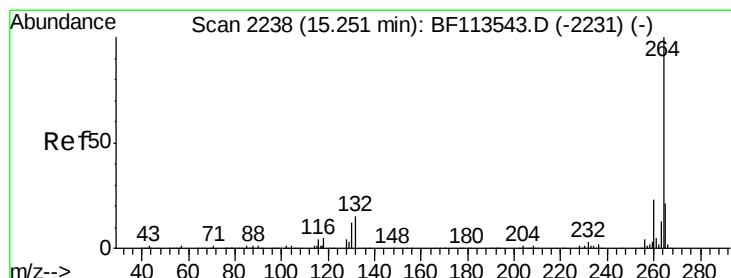
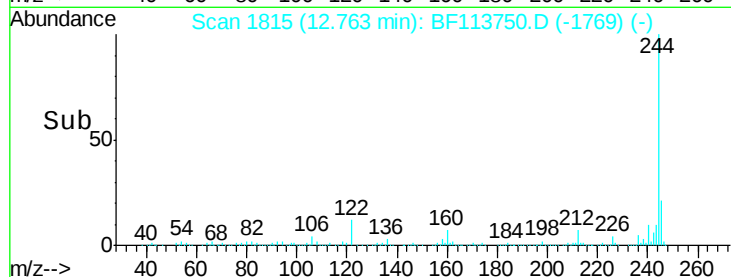
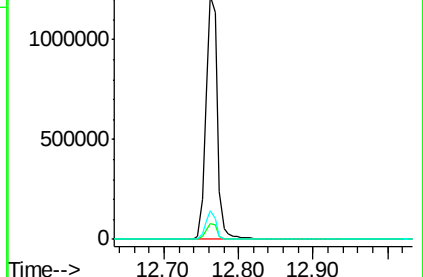
122 11.6 8.6 13.0



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# 2234

Delta R.T. -0.02 min

Lab File: BF113750.D

Acq: 12 Apr 2019 20:55

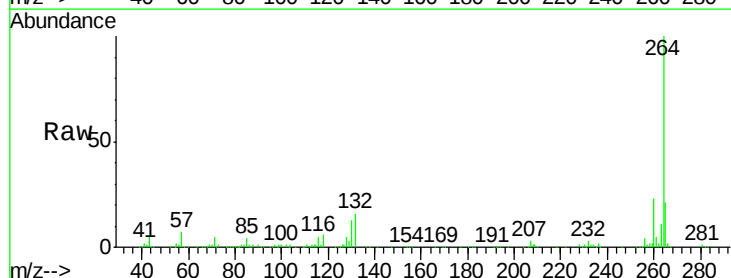
Tgt Ion:264 Resp: 304253

Ion Ratio Lower Upper

264 100

260 22.7 19.1 28.7

265 20.6 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

