

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113656.D
 Acq On : 9 Apr 2019 12:44
 Operator : JU/SJ
 Sample : K2316-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:23:26 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

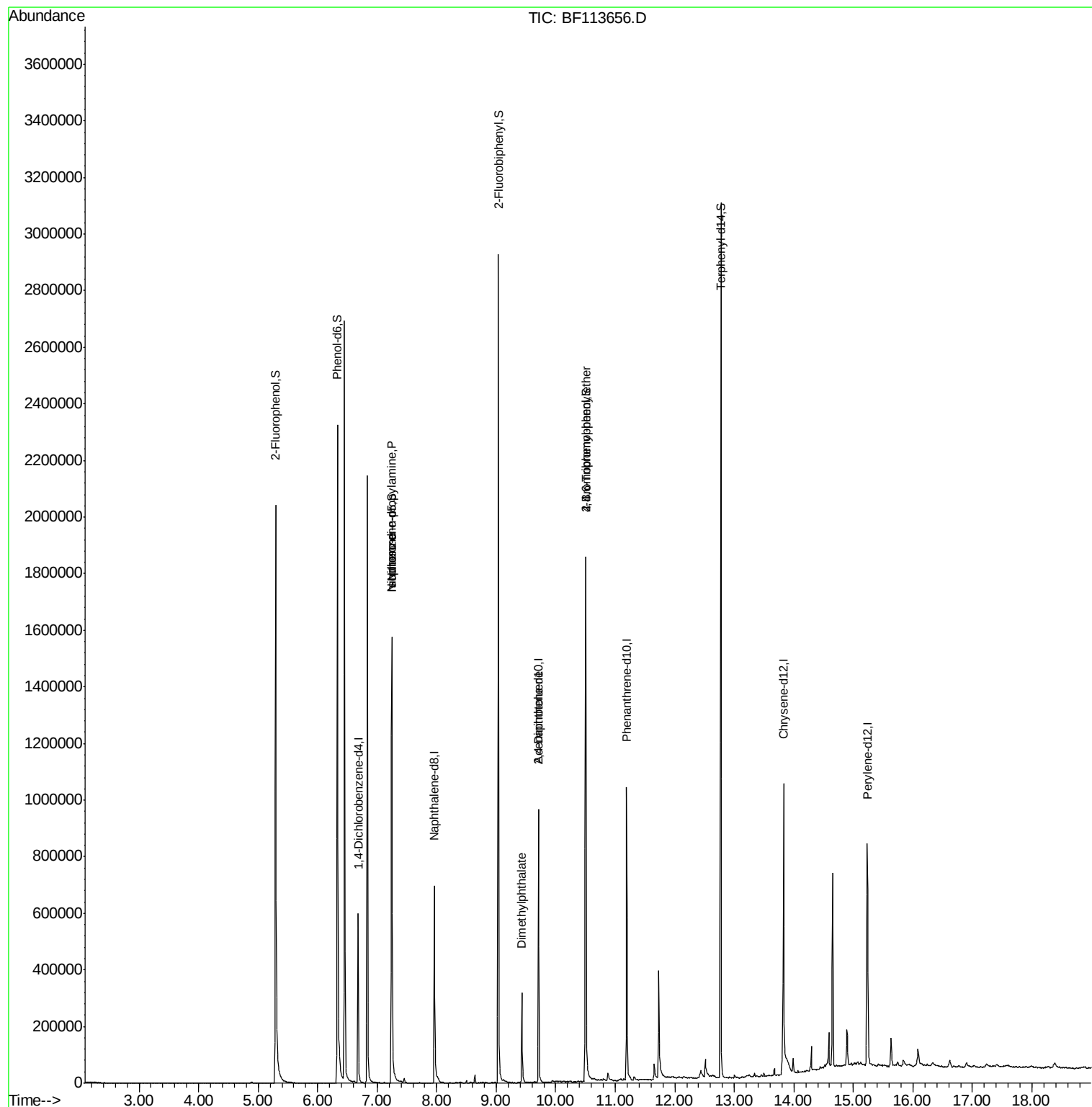
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	103677	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	394874	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	193235	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	410316	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	397356	20.00	ng	-0.02
87) Perylene-d12	15.23	264	352595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	732173	120.42	ng	0.00
7) Phenol-d6	6.33	99	962104	128.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	559747	83.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	310971	133.97	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	969368	80.76	ng	-0.02
79) Terphenyl-d14	12.77	244	1136726	58.24	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	71225	15.414	ng	# 76
25) Isophorone	7.25	82	559744	43.103	ng	# 64
50) Dimethylphthalate	9.43	163	156266	10.971	ng	100
57) 2,4-Dinitrotoluene	9.71	165	24163	6.363	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	16975	3.689	ng	# 1

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

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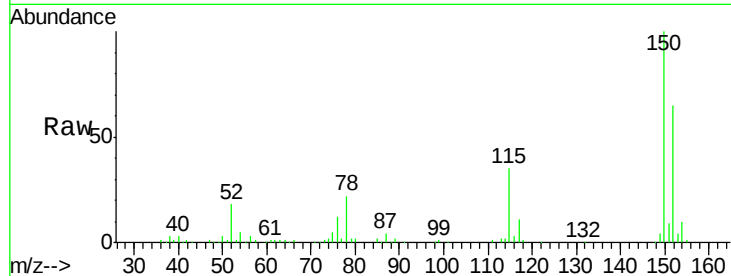


#1

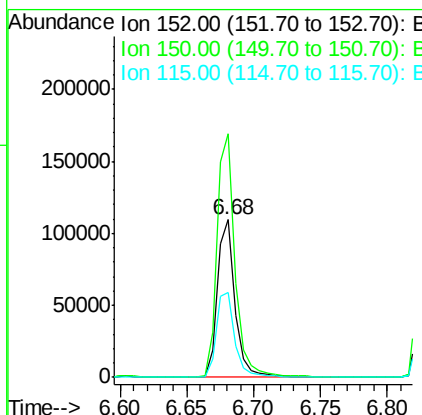
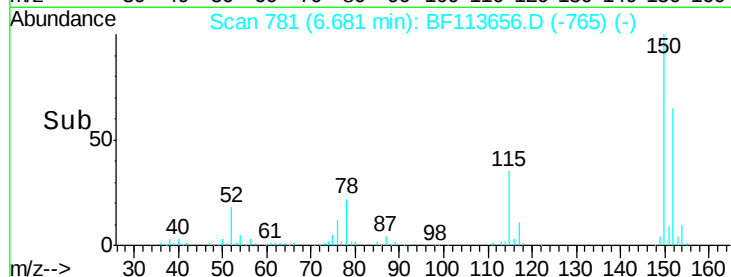
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103677
Ion Ratio Lower Upper
152 100
150 154.4 124.7 187.1
115 54.0 46.0 69.0



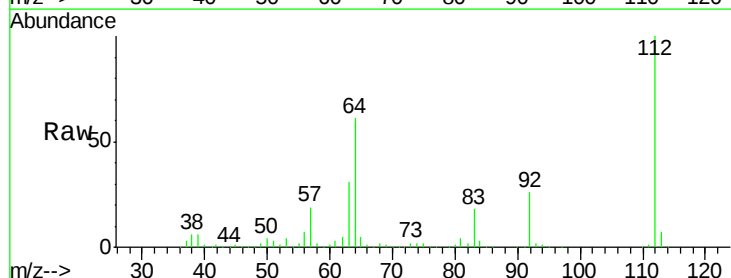
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



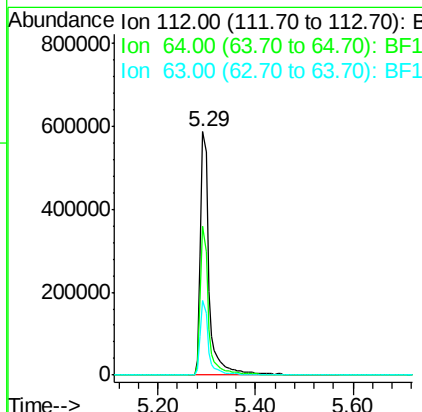
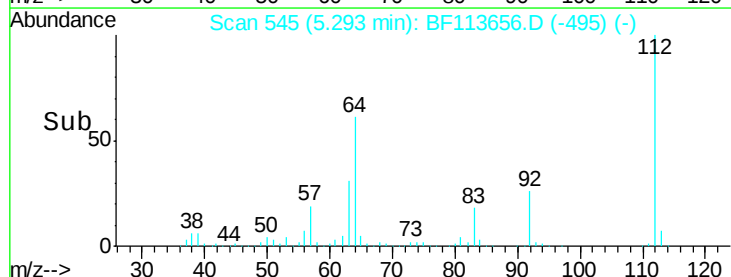
#5

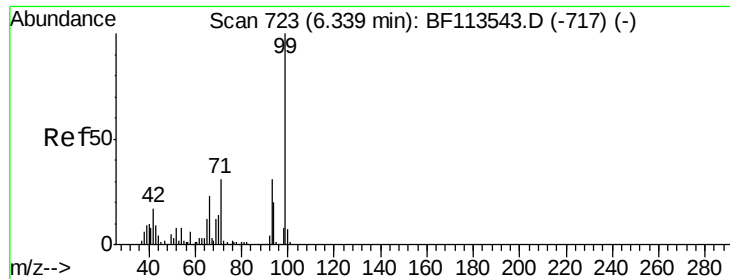
2-Fluorophenol
Concen: 120.424 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Tgt Ion:112 Resp: 732173
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 30.8 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: 128.391 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113656.D

Acq: 9 Apr 2019 12:44

Instrument :

BNA_F

ClientSampleId :

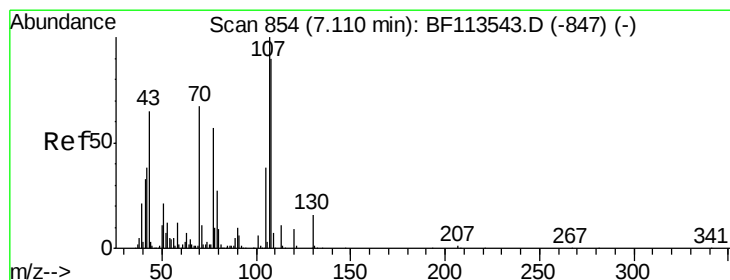
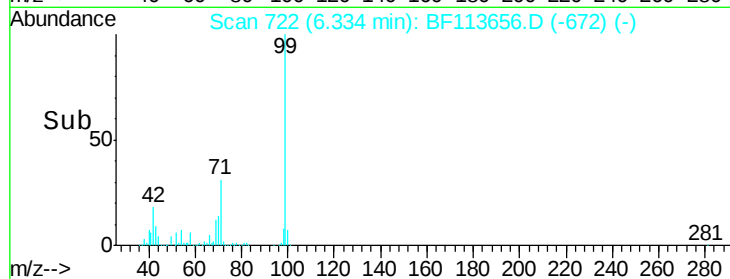
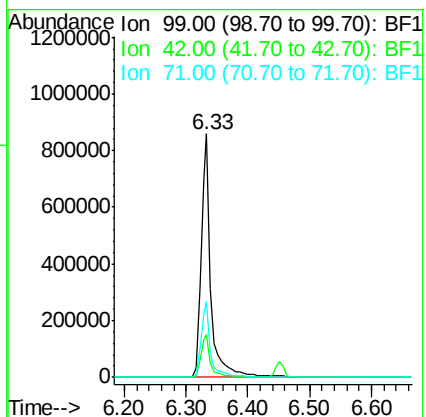
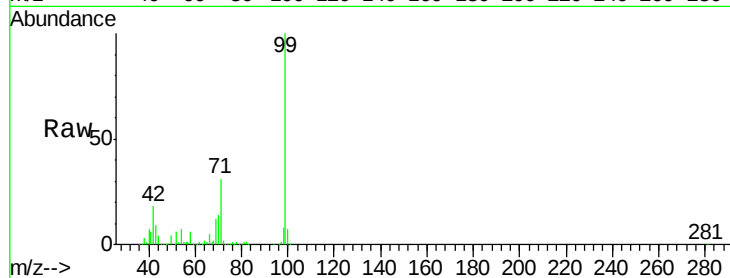
Tot Ion: 99 Resp: 962104

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 31.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.414 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113656.D

Acq: 9 Apr 2019 12:44

Tgt Ion: 70 Resp: 71225

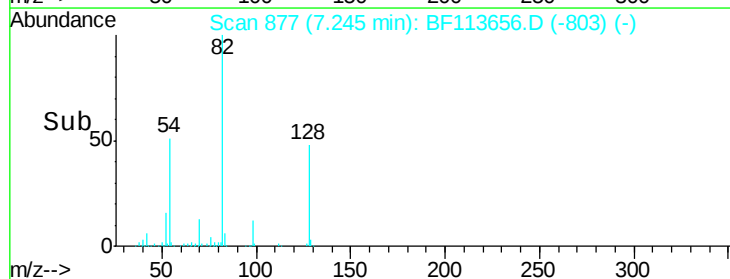
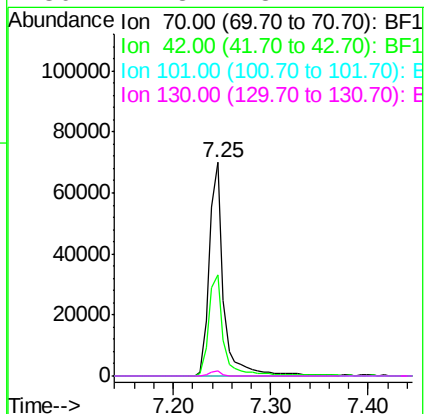
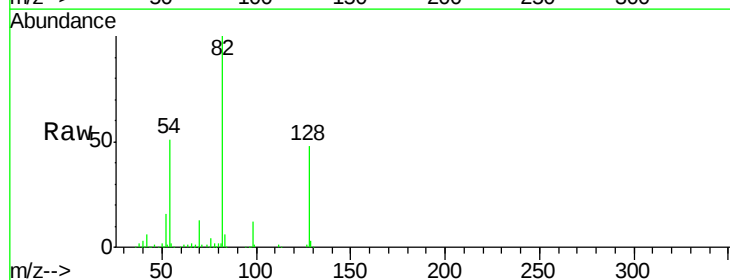
Ion Ratio Lower Upper

70 100

42 47.6 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# 999

Delta R.T. -0.01 min

Lab File: BF113656.D

Acq: 9 Apr 2019 12:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 394874

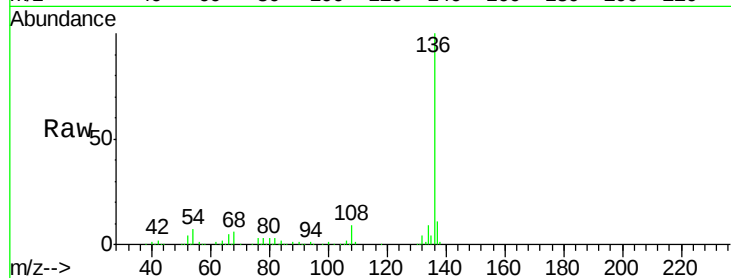
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 7.0 10.6

68 5.7 4.8 7.2

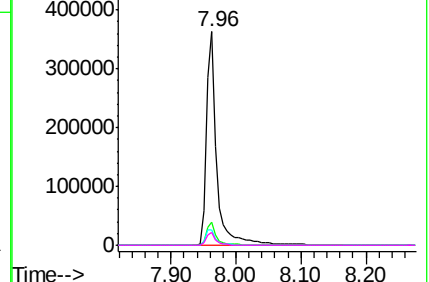
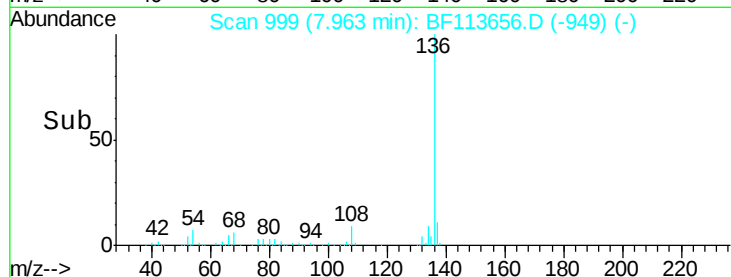


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.032 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113656.D

Acq: 9 Apr 2019 12:44

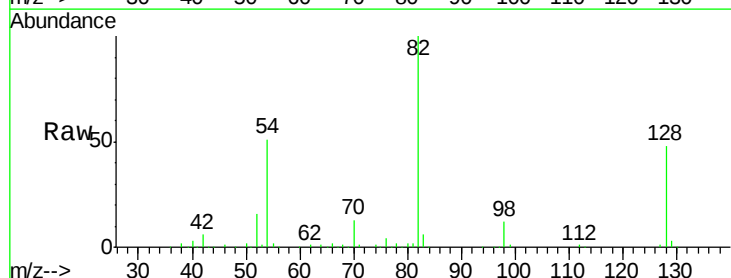
Tgt Ion: 82 Resp: 559747

Ion Ratio Lower Upper

82 100

128 47.9 36.5 54.7

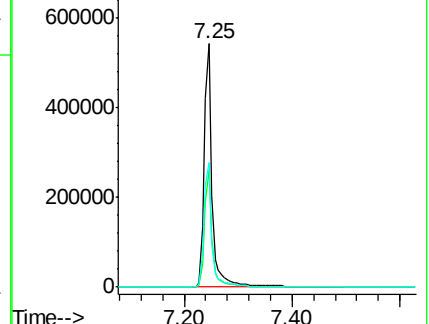
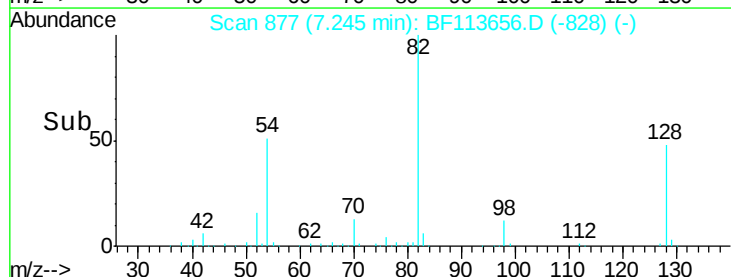
54 51.2 42.2 63.2



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

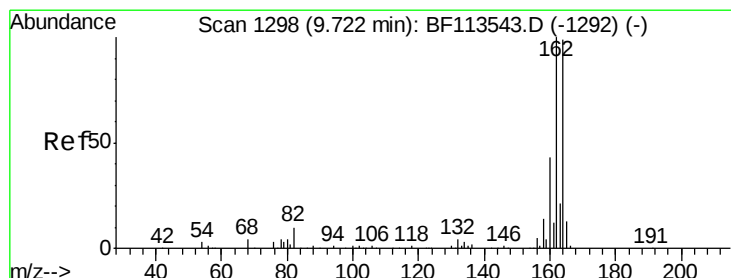
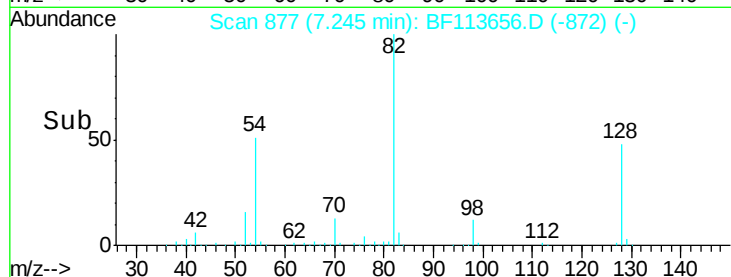
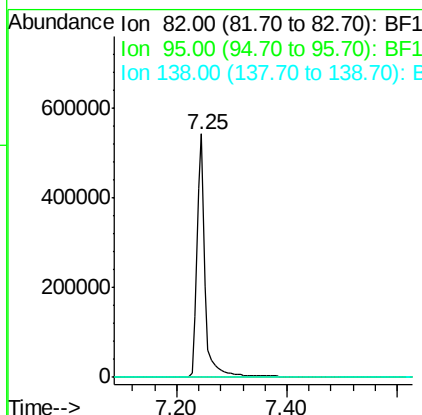
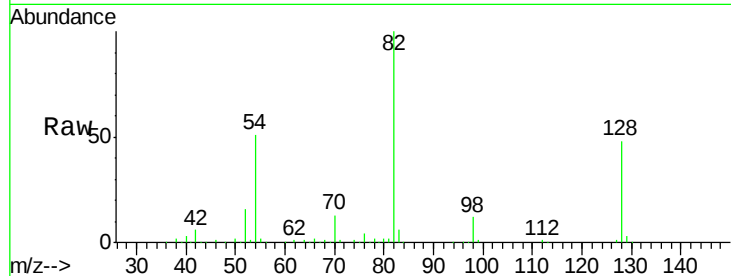




#25
Isophorone
Concen: 43.103 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

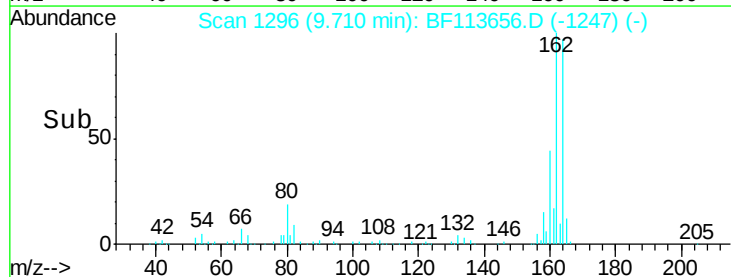
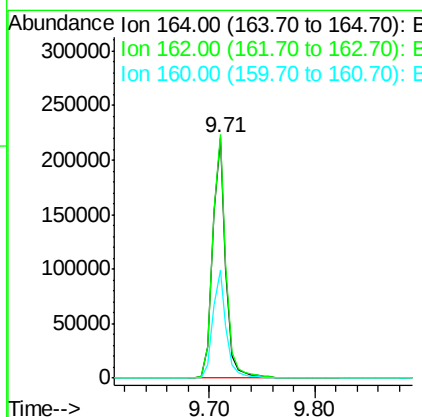
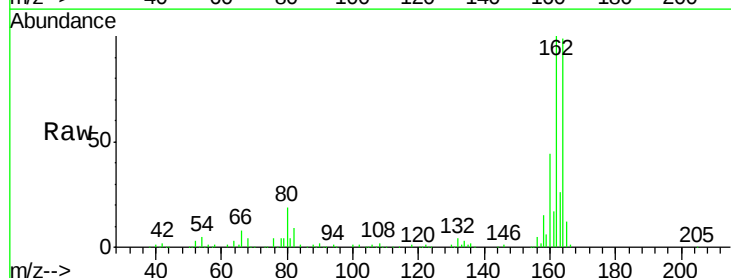
Instrument :
BNA_F
ClientSampleId :

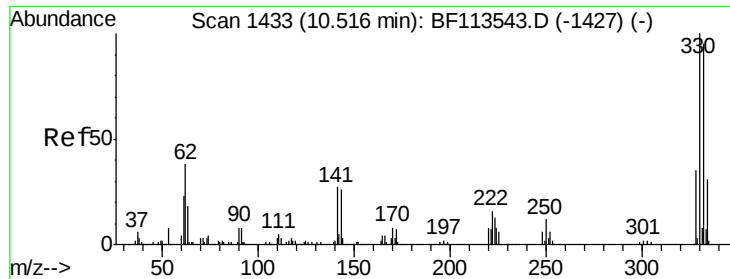
Tot Ion: 82 Resp: 559744
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Tgt Ion:164 Resp: 193235
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.1 36.4 54.6

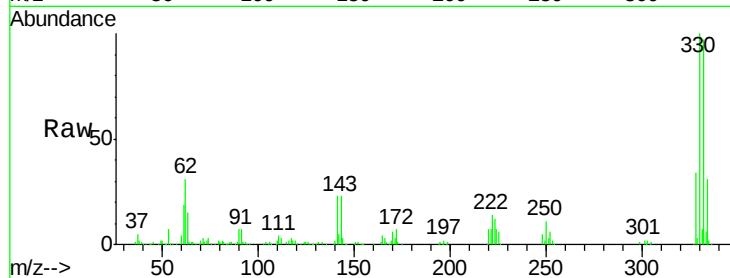




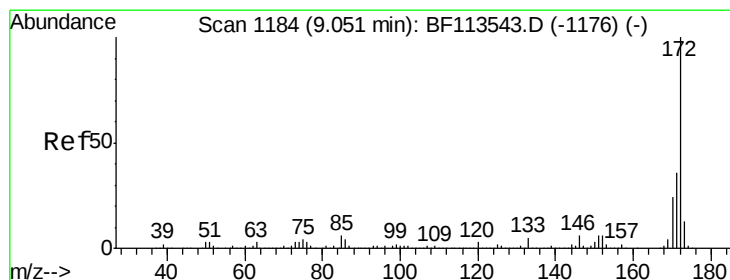
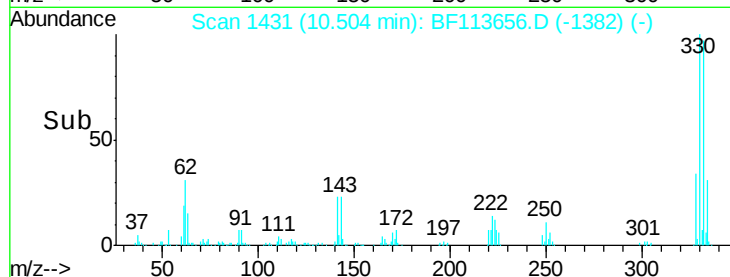
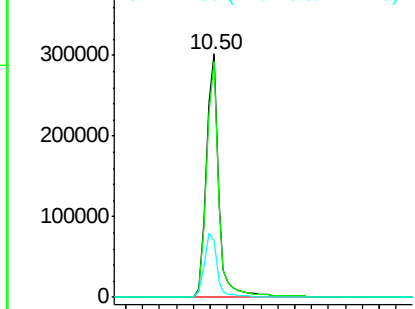
#42
 2,4,6-Tribromophenol
 Concen: 133.969 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113656.D
 Acq: 9 Apr 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.5	22.7	34.1

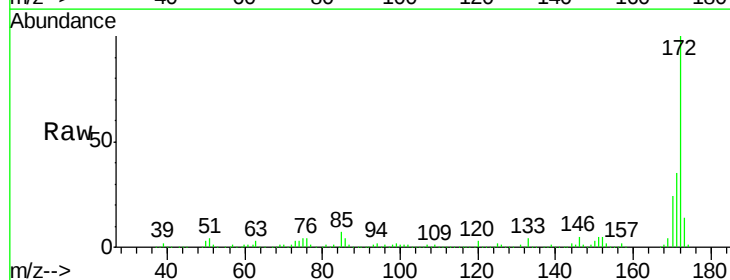


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

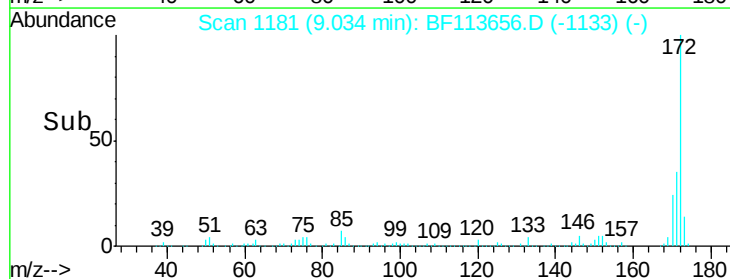
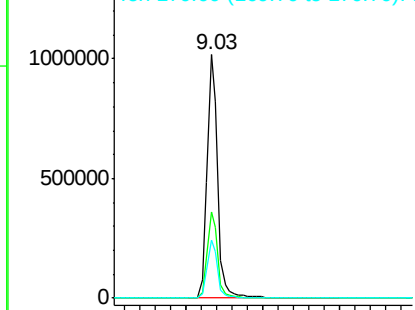


#45
 2-Fluorobiphenyl
 Concen: 80.761 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113656.D
 Acq: 9 Apr 2019 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	24.0	19.5	29.3



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

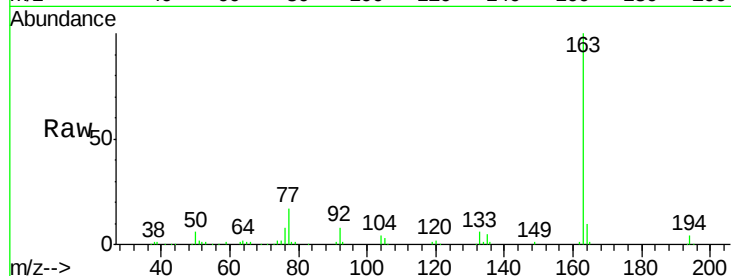




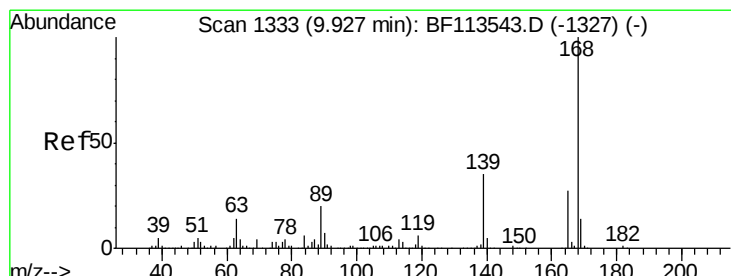
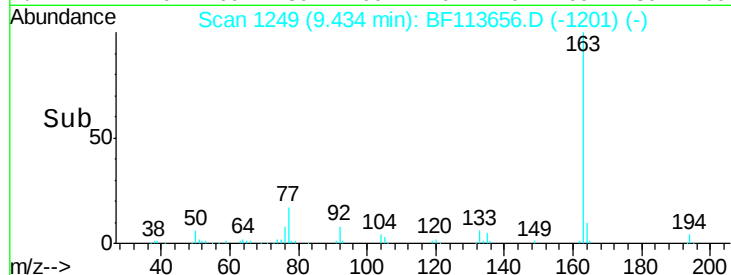
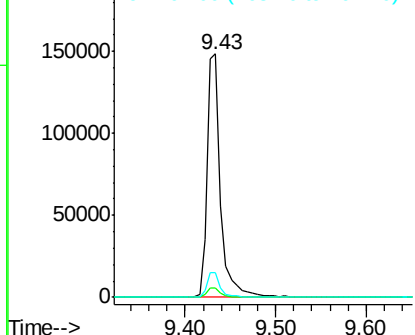
#50
Dimethylphthalate
Concen: 10.971 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 156266
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.9 8.1 12.1

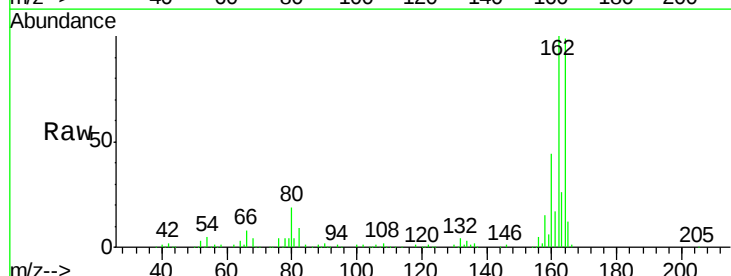


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

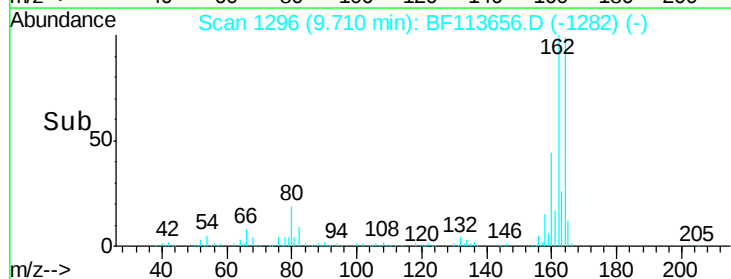
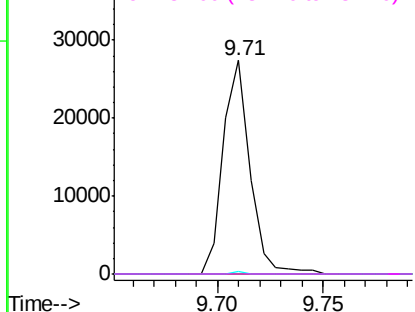


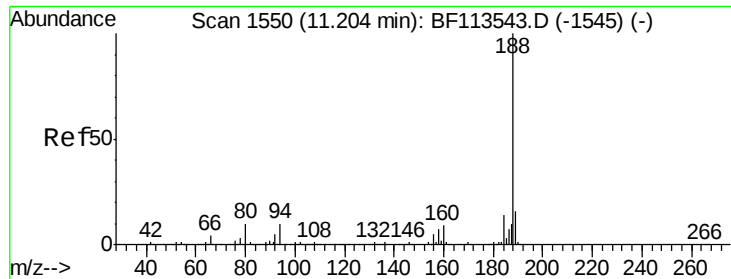
#57
2,4-Dinitrotoluene
Concen: 6.363 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Tgt Ion:165 Resp: 24163
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 1.3 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

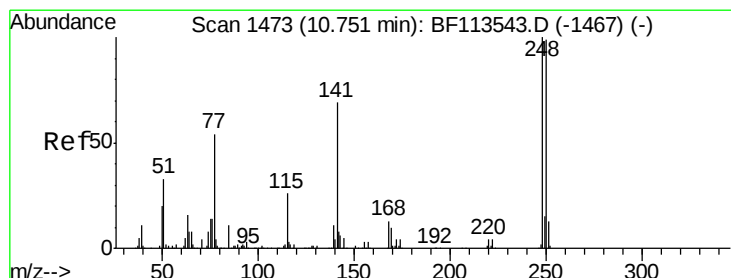
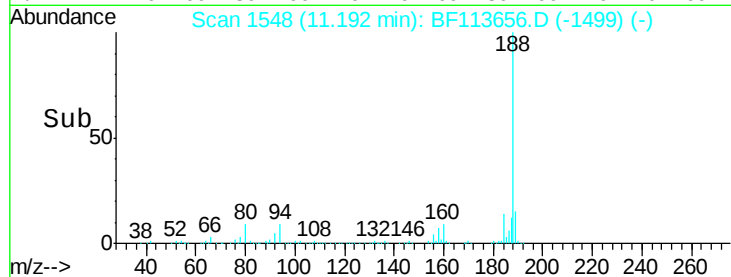
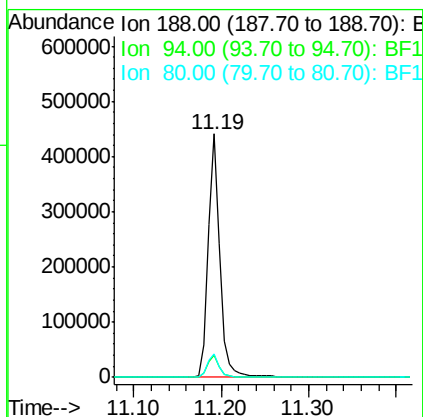
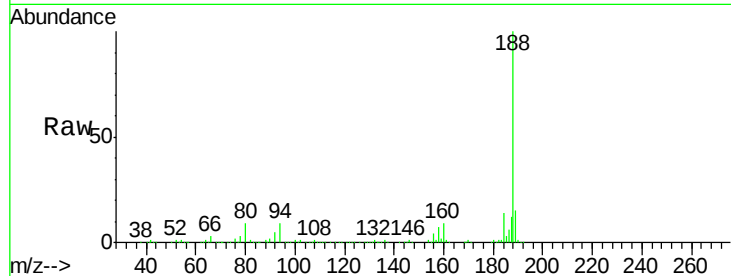




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

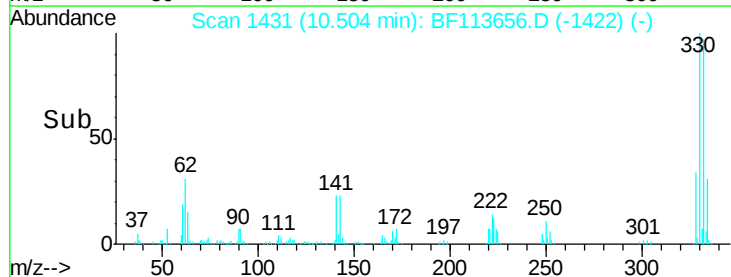
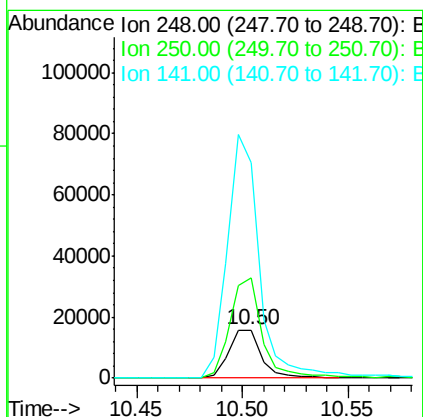
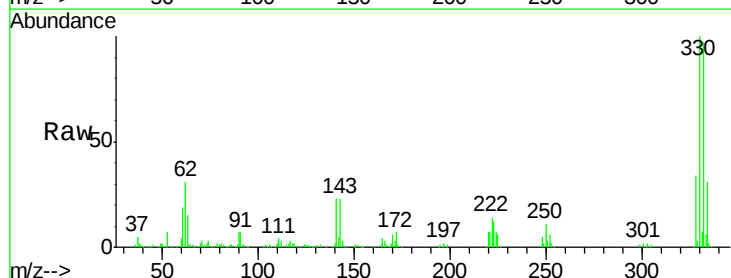
Instrument :
BNA_F
ClientSampled :

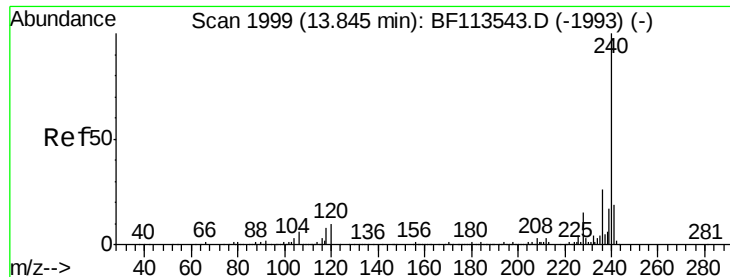
Tot Ion:188 Resp: 410316
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.4 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.689 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Tgt Ion:248 Resp: 16975
Ion Ratio Lower Upper
248 100
250 207.4 78.3 117.5#
141 446.8 56.2 84.4#

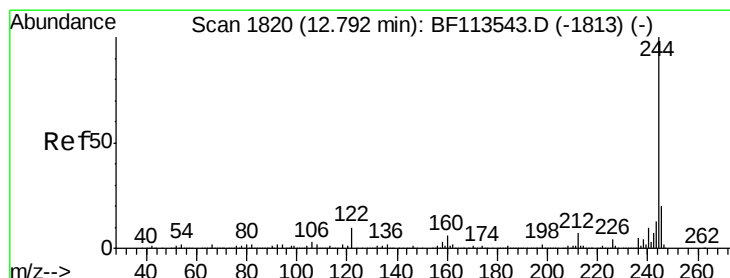
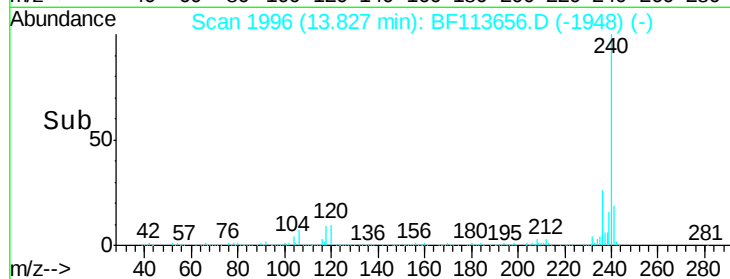
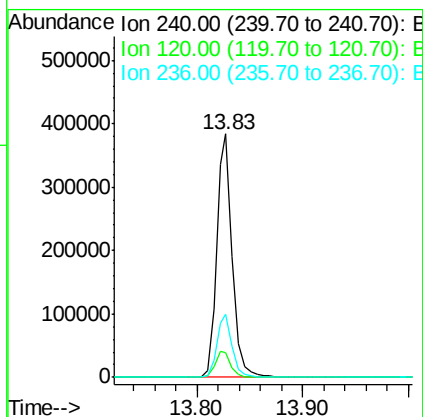
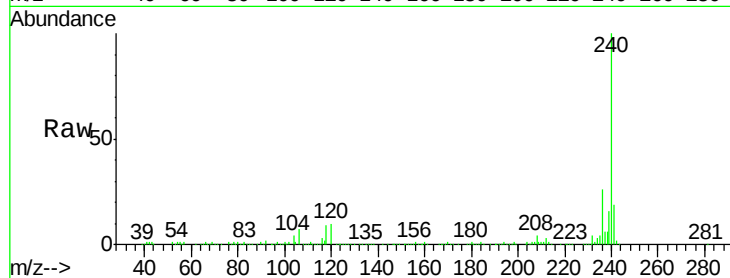




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

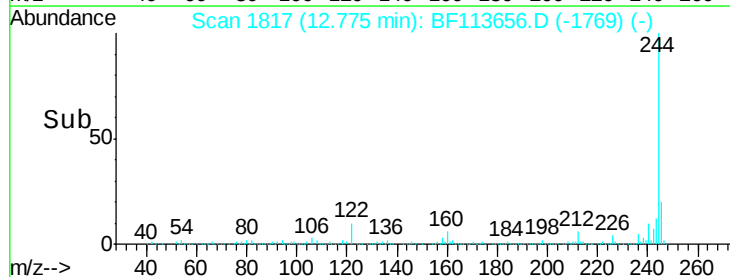
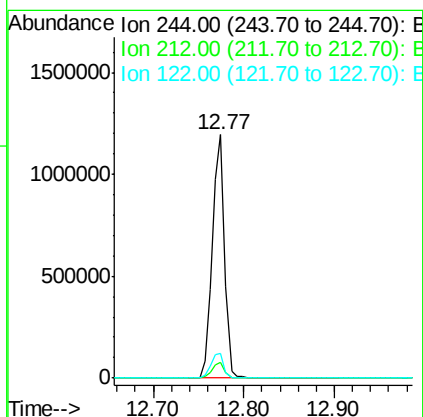
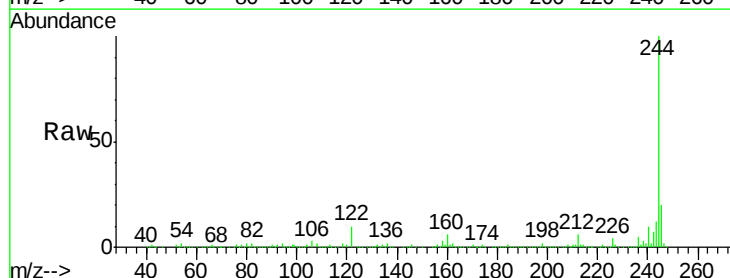
Instrument :
BNA_F
ClientSampleId :

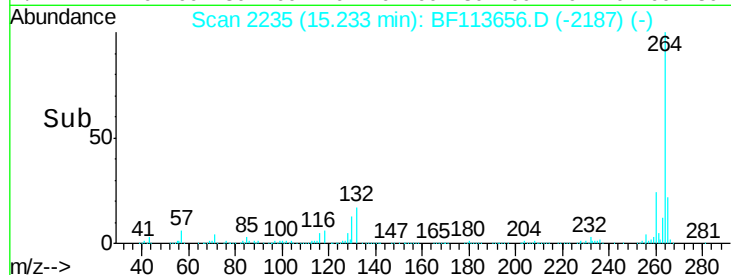
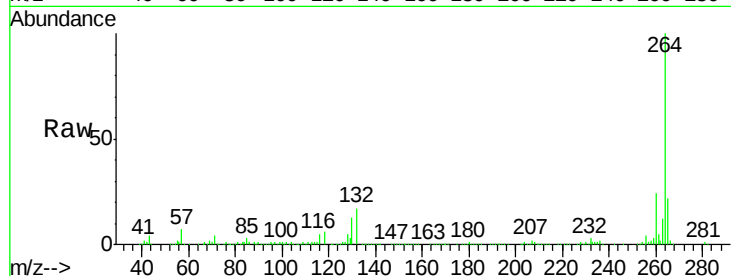
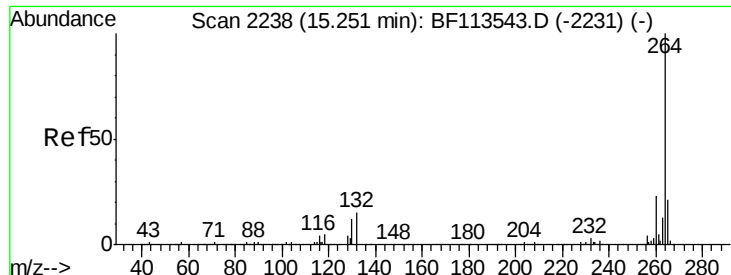
Tot Ion:240 Resp: 397356
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 58.245 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113656.D
Acq: 9 Apr 2019 12:44

Tgt Ion:244 Resp: 1136726
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.2 8.6 13.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113656.D
 Acq: 9 Apr 2019 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	352595
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.7	17.1	25.7

