

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113623.D
 Acq On : 5 Apr 2019 19:02
 Operator : JU/SJ
 Sample : K2193-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:24:15 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

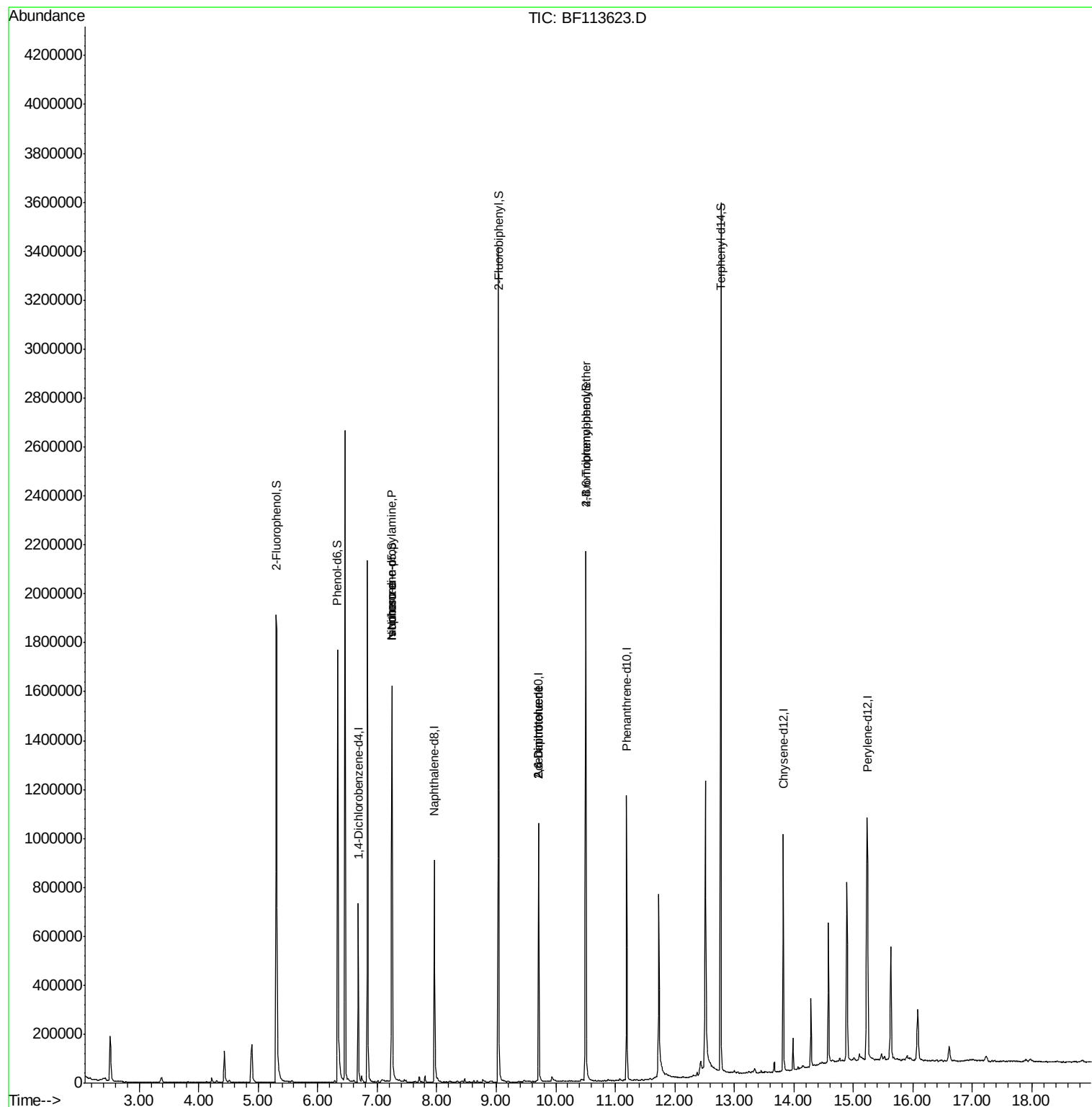
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111997	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	427267	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	214186	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	436916	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	337295	20.00	ng	-0.02
87) Perylene-d12	15.23	264	292261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	683517	104.07	ng	0.01
7) Phenol-d6	6.33	99	796954	98.45	ng	0.00
23) Nitrobenzene-d5	7.25	82	577733	79.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	316426	122.98	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1091478	82.04	ng	-0.01
79) Terphenyl-d14	12.77	244	1310426	79.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	73874	14.799	ng	# 77
25) Isophorone	7.25	82	577730	41.115	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	26593	7.641	ng	# 27
57) 2,4-Dinitrotoluene	9.71	165	26593	6.318	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	17455	3.562	ng	# 1

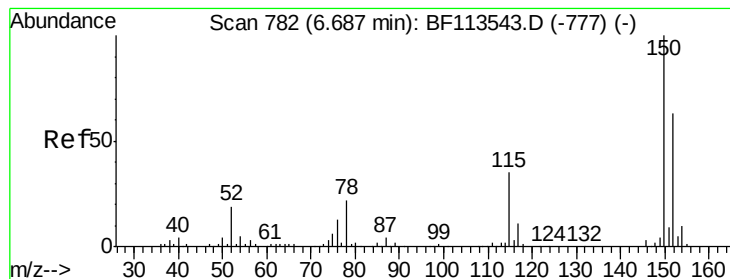
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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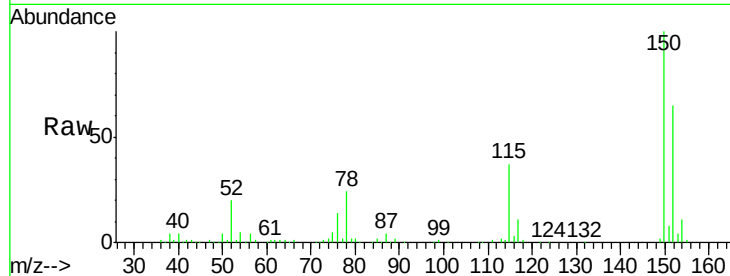


#1

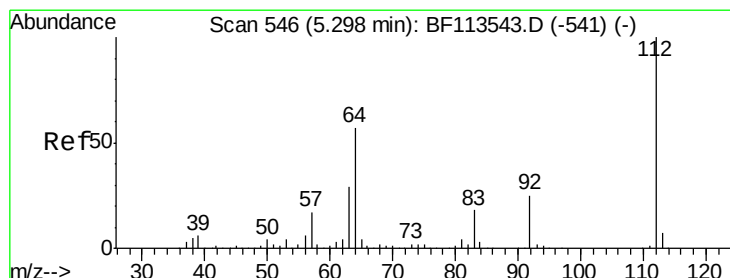
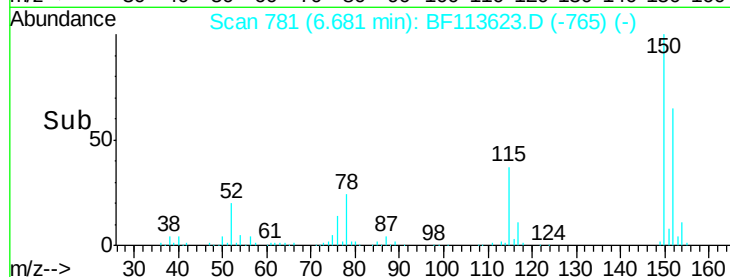
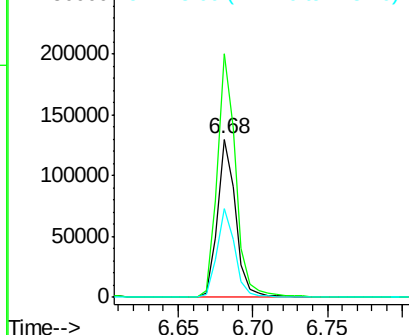
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113623.D
Acq: 5 Apr 2019 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111997
Ion Ratio Lower Upper
152 100
150 153.6 124.7 187.1
115 56.1 46.0 69.0



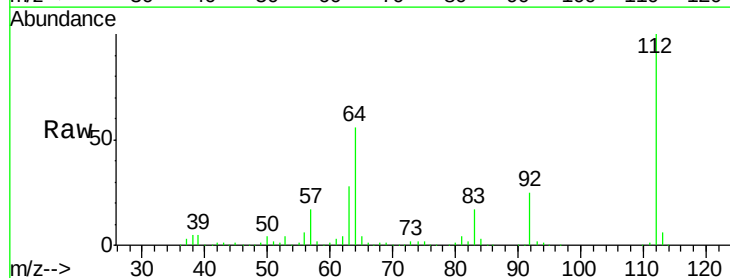
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



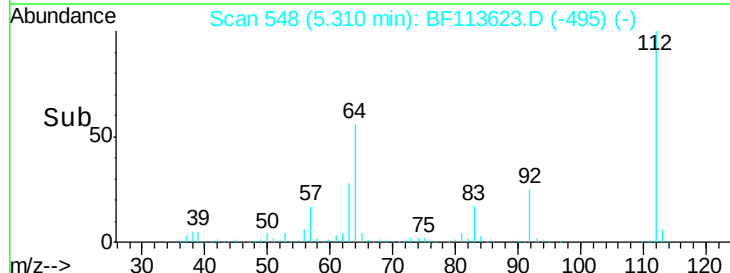
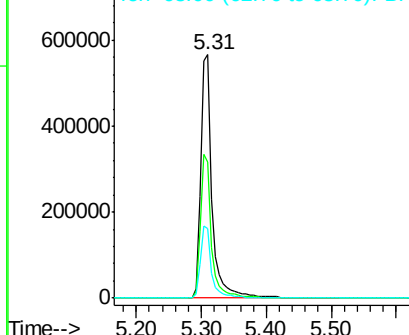
#5

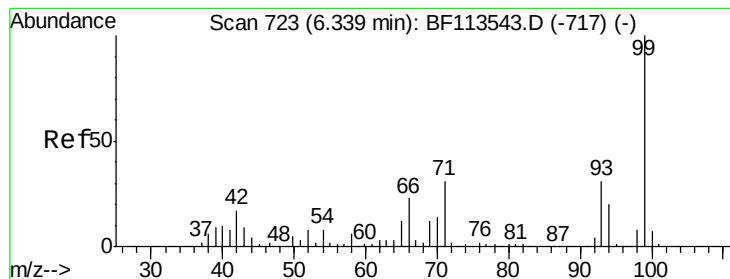
2-Fluorophenol
Concen: 104.070 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113623.D
Acq: 5 Apr 2019 19:02

Tgt Ion:112 Resp: 683517
Ion Ratio Lower Upper
112 100
64 55.7 49.2 73.8
63 28.4 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: 98.451 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113623.D

Acq: 5 Apr 2019 19:02

Instrument :

BNA_F

ClientSampled :

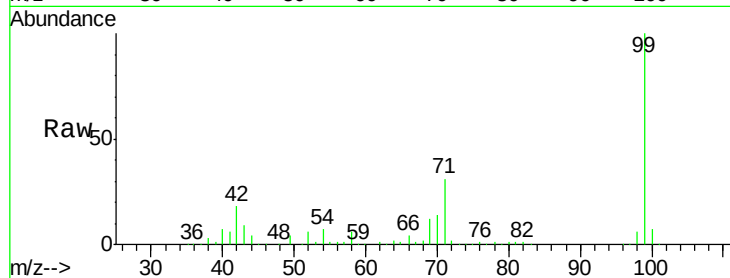
Tot Ion: 99 Resp: 796954

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

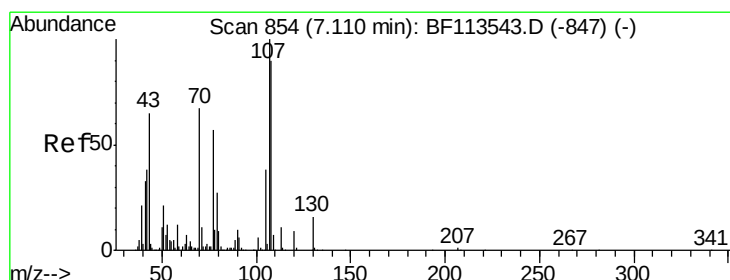
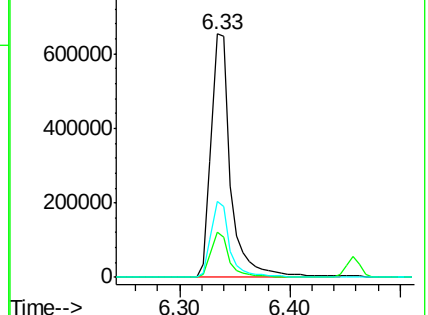
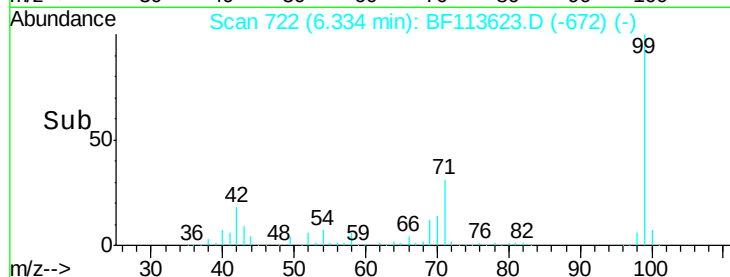
71 31.4 24.9 37.3



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: 14.799 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113623.D

Acq: 5 Apr 2019 19:02

Tgt Ion: 70 Resp: 73874

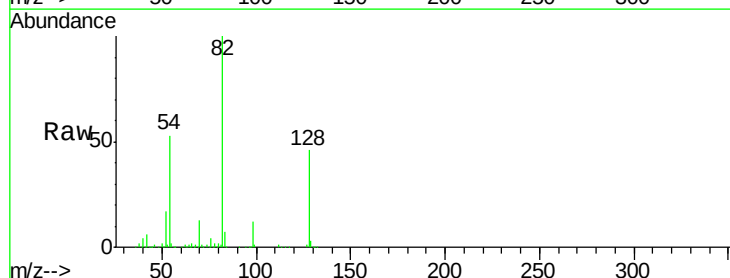
Ion Ratio Lower Upper

70 100

42 49.4 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

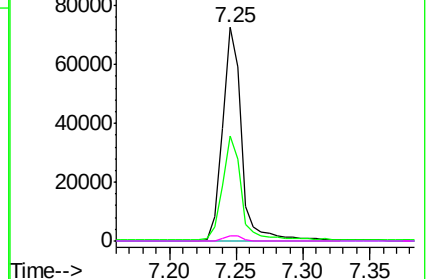
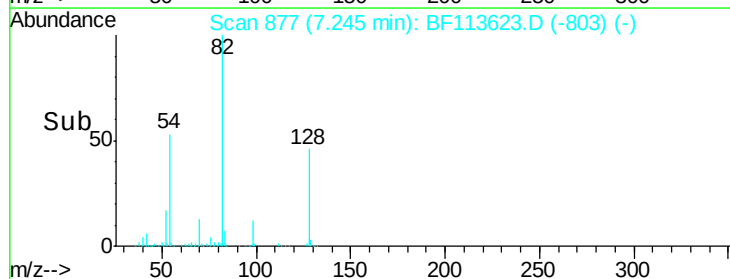


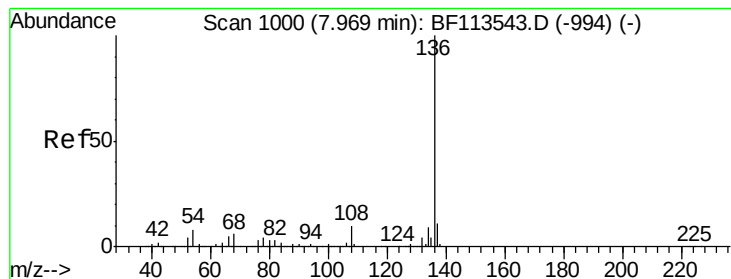
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 999

Delta R.T. -0.01 min

Lab File: BF113623.D

Acq: 5 Apr 2019 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 427267

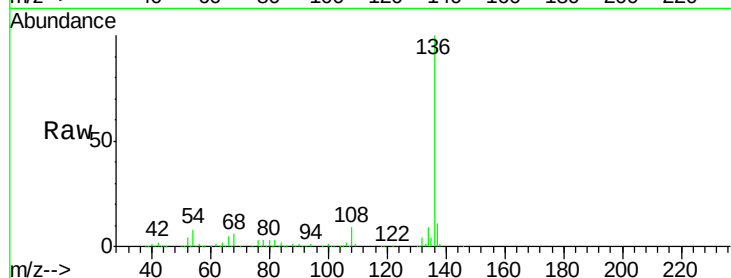
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

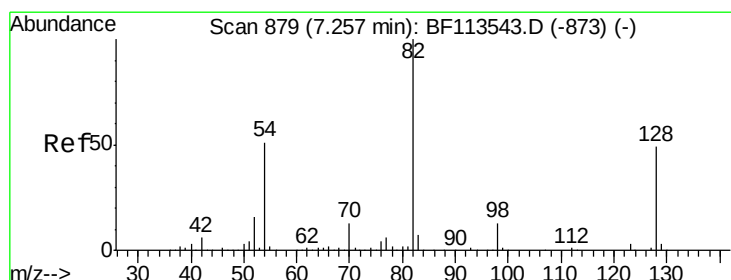
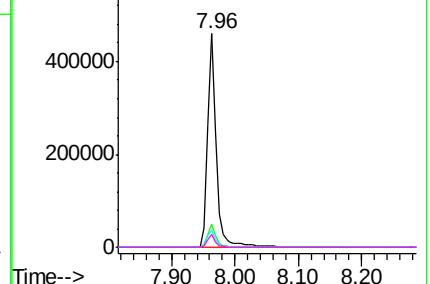
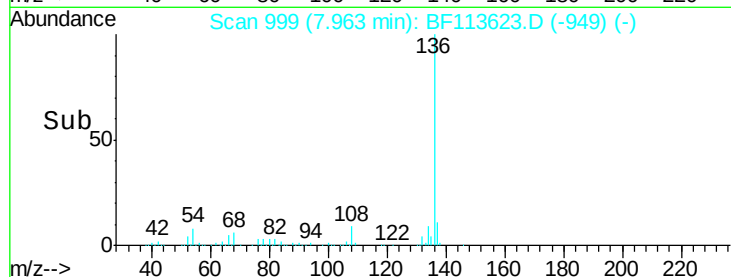


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.203 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113623.D

Acq: 5 Apr 2019 19:02

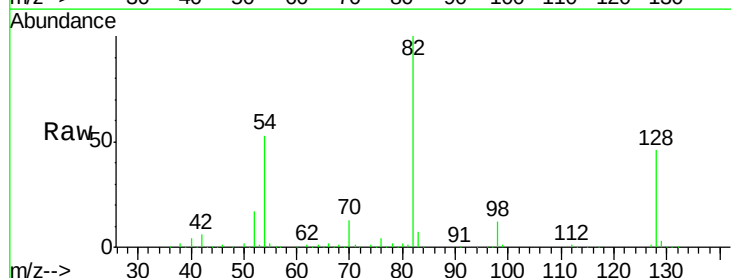
Tgt Ion: 82 Resp: 577733

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

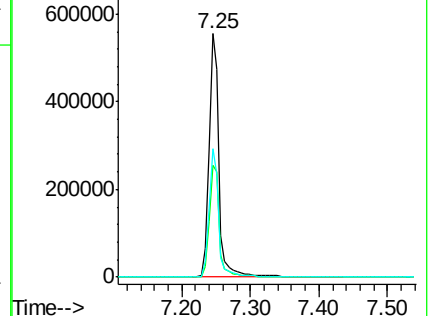
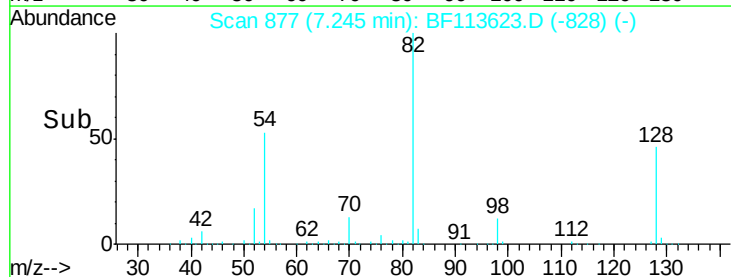
54 52.8 42.2 63.2

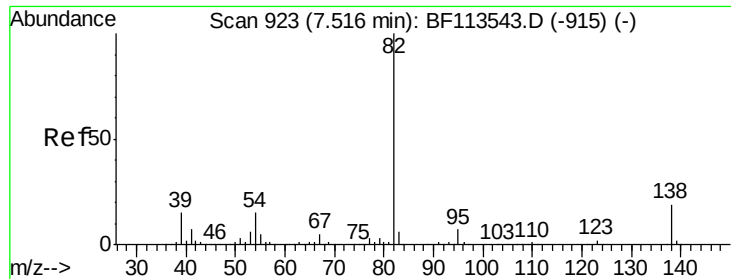


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.115 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113623.D

Acq: 5 Apr 2019 19:02

Instrument :

BNA_F

ClientSampleId :

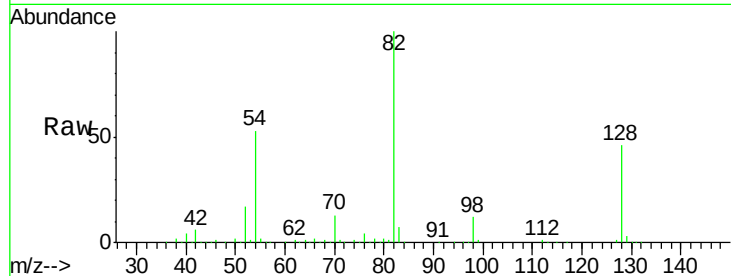
Tot Ion: 82 Resp: 577730

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

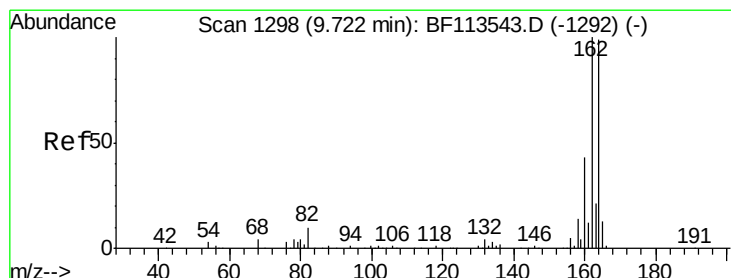
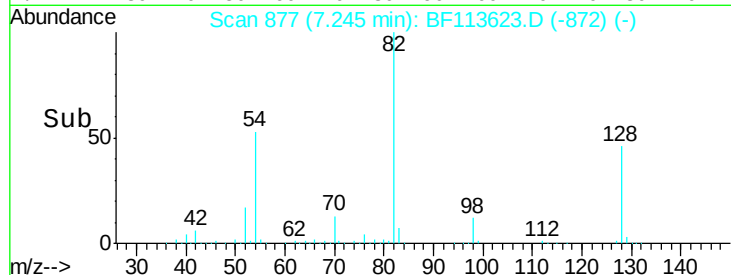
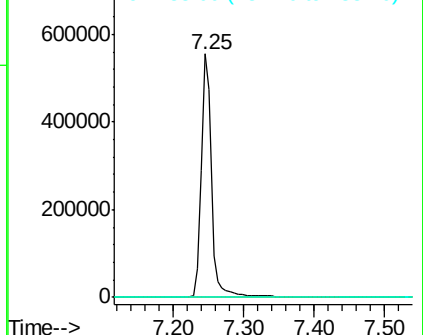
138 0.0 15.2 22.8#



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: BF113623.D

Acq: 5 Apr 2019 19:02

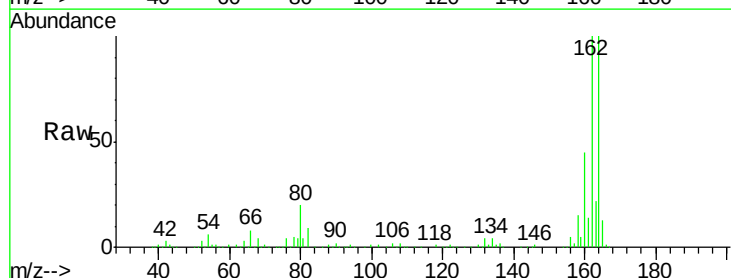
Tgt Ion:164 Resp: 214186

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

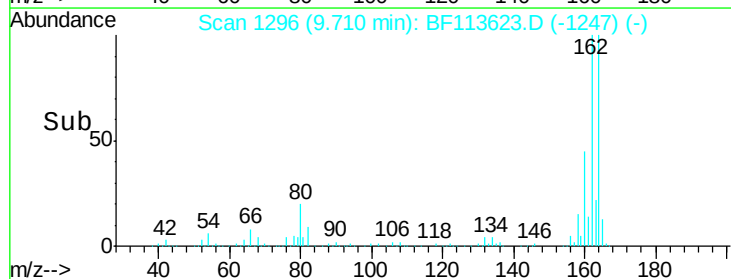
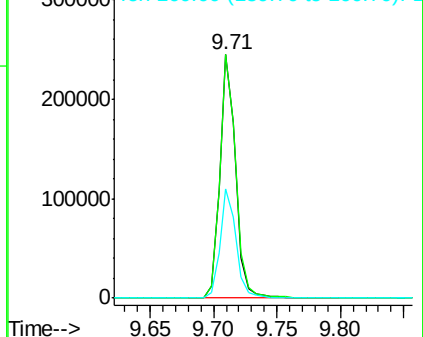
160 45.0 36.4 54.6

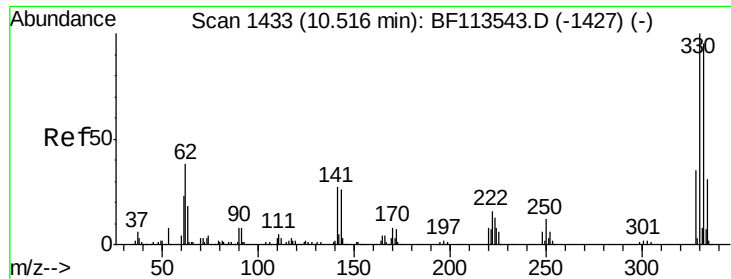


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

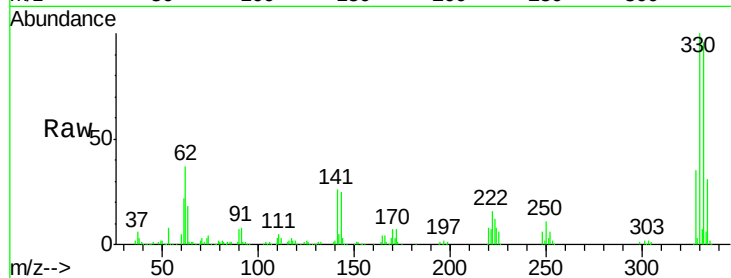




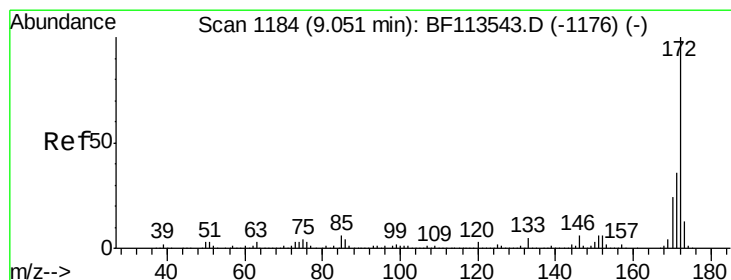
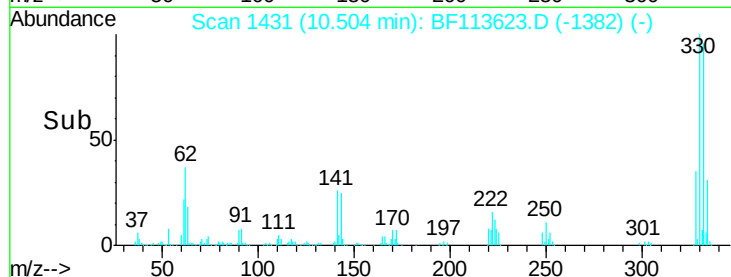
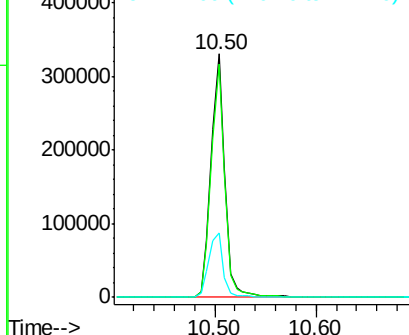
#42
 2,4,6-Tribromophenol
 Concen: 122.984 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 316426
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.6
 141 27.7 22.7 34.1

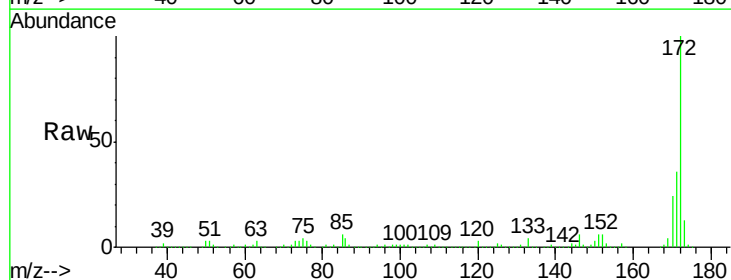


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

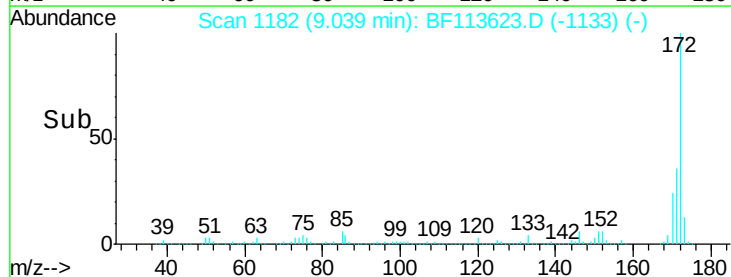
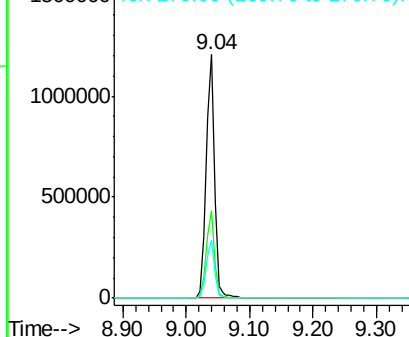


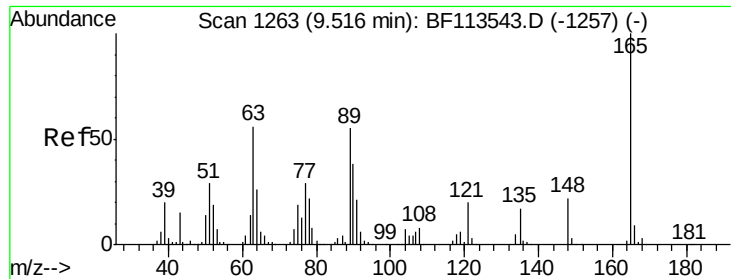
#45
 2-Fluorobiphenyl
 Concen: 82.039 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

Tgt Ion:172 Resp: 1091478
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.1 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

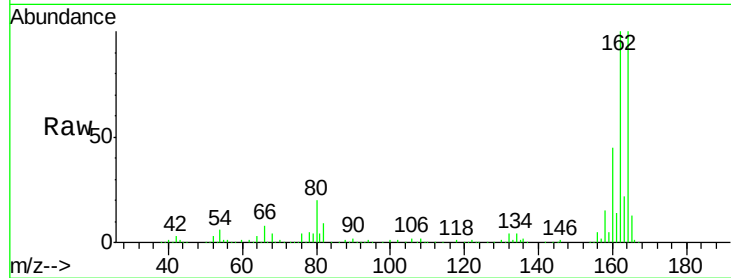




#51
 2,6-Dinitrotoluene
 Concen: 7.641 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.19 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :

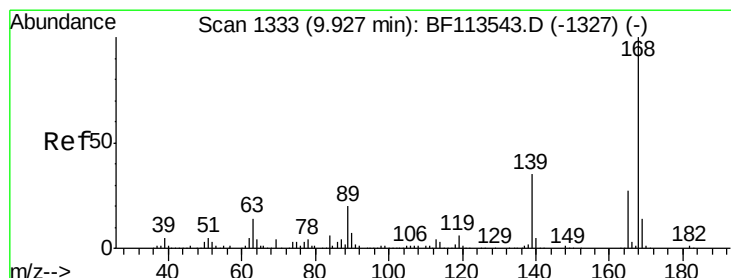
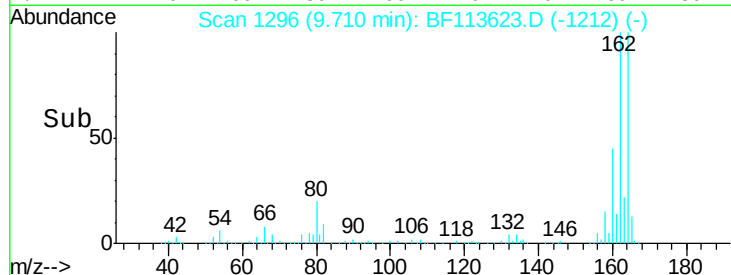
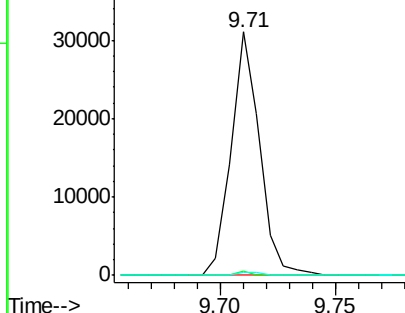
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.0#
89	1.2	43.1	64.7#



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



#57
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

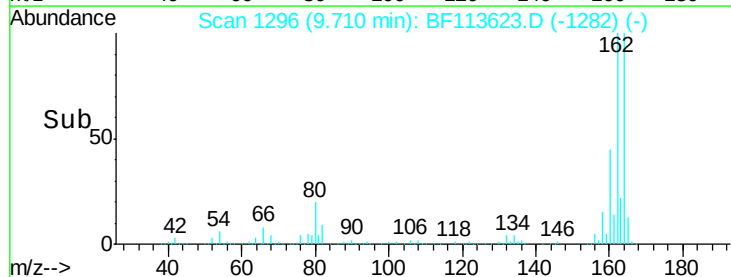
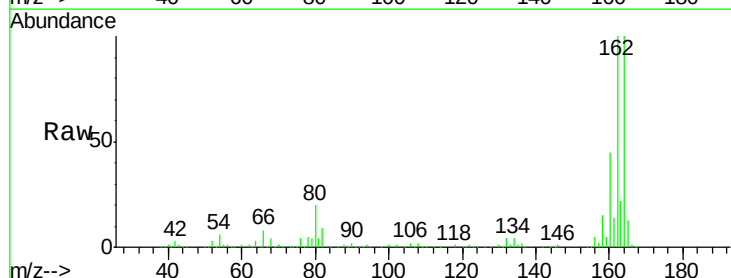
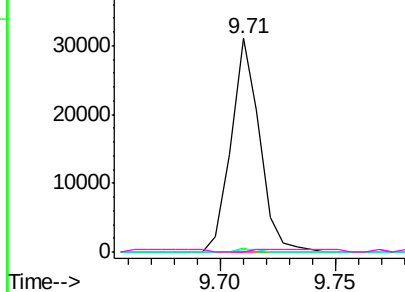
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#

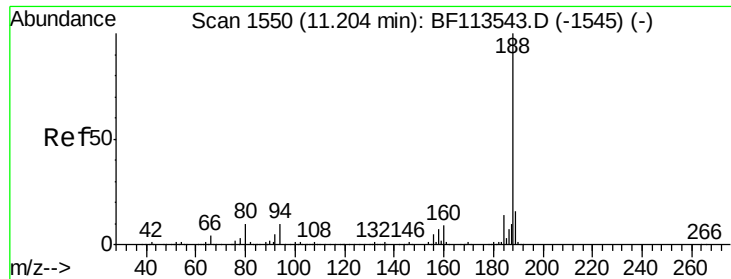
Abundance Ion 165.00 (164.70 to 165.70): E

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

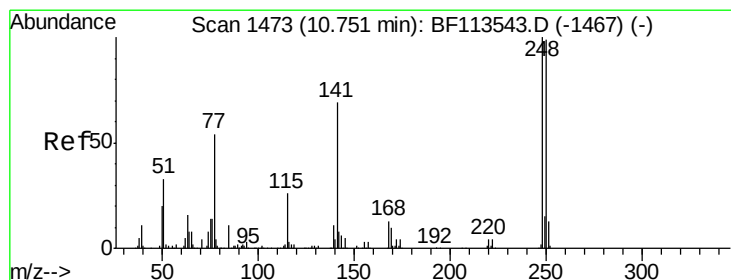
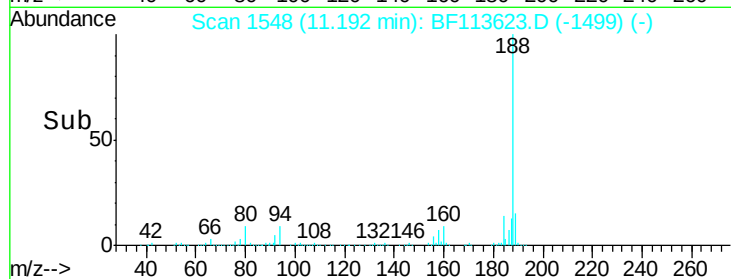
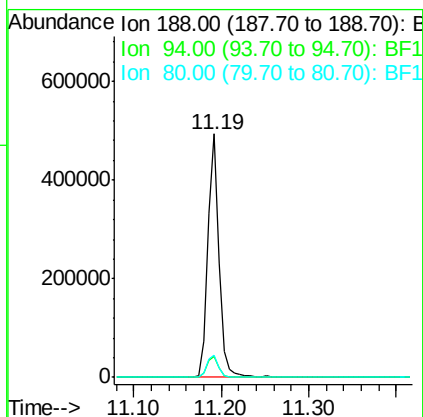
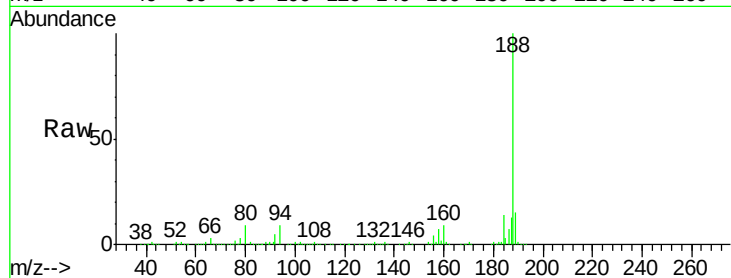




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113623.D
Acq: 5 Apr 2019 19:02

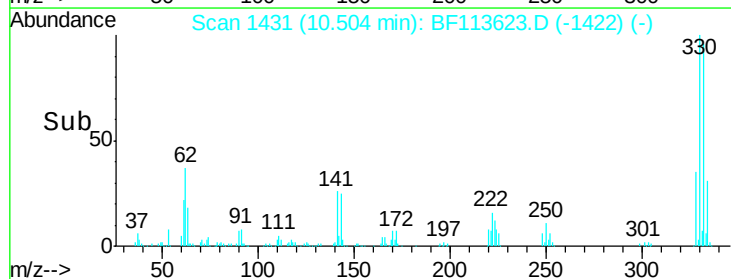
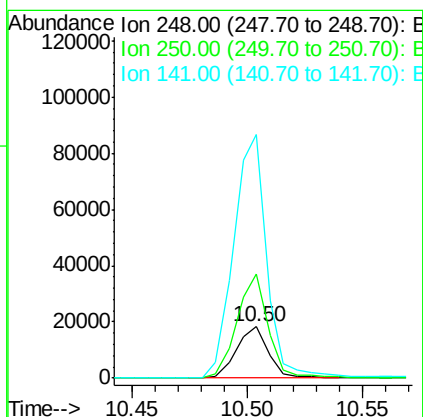
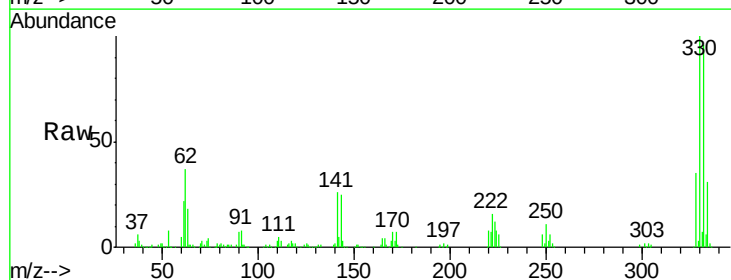
Instrument :
BNA_F
ClientSampleId :

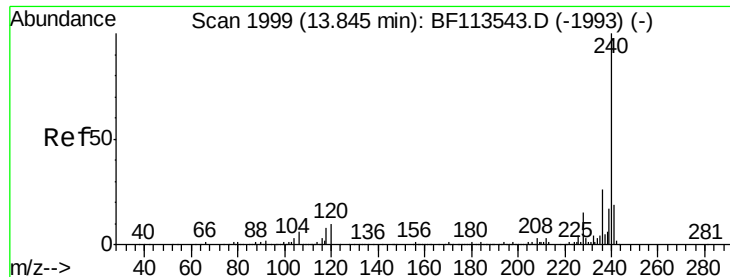
Tot Ion:188 Resp: 436916
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 8.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.562 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113623.D
Acq: 5 Apr 2019 19:02

Tgt Ion:248 Resp: 17455
Ion Ratio Lower Upper
248 100
250 203.6 78.3 117.5#
141 475.4 56.2 84.4#

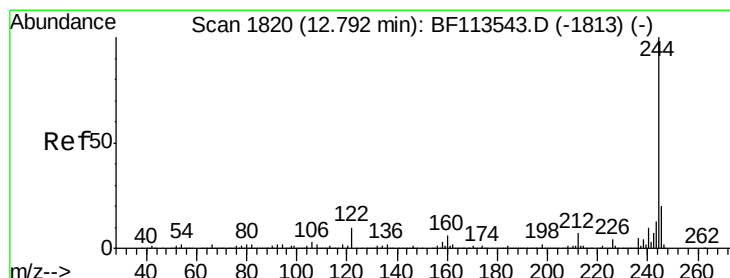
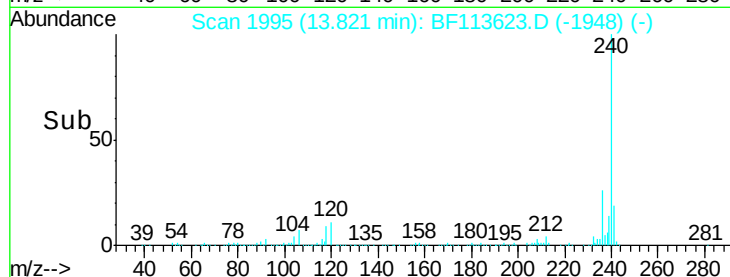
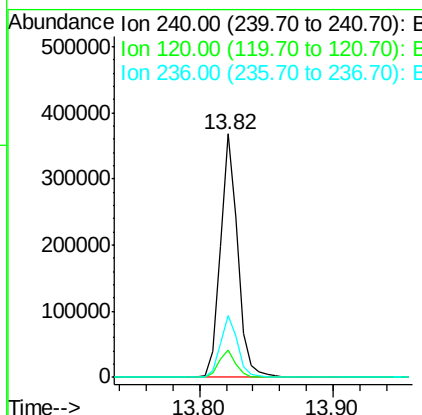
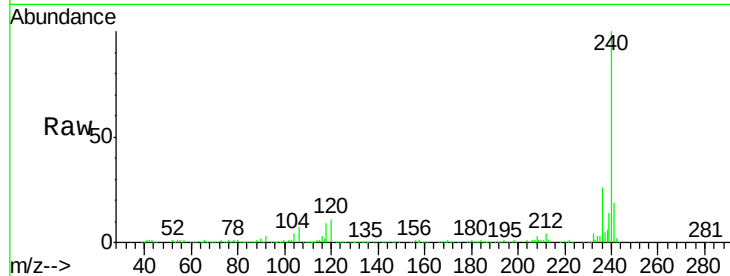




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

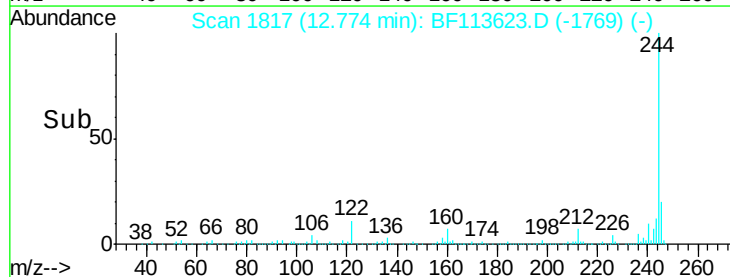
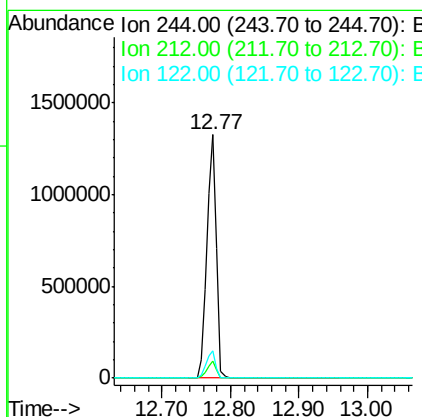
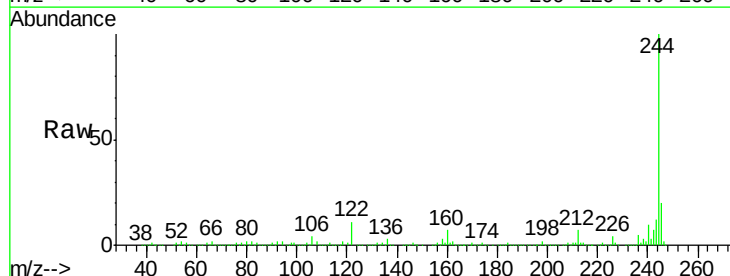
Instrument :
 BNA_F
 ClientSampleId :

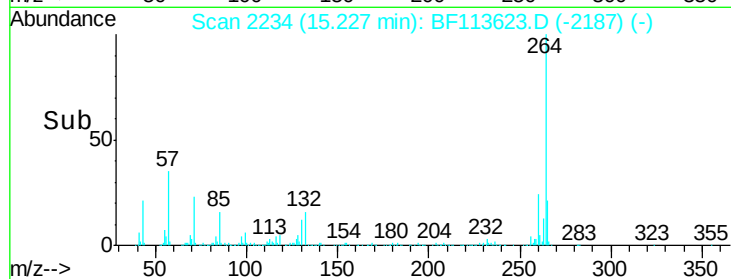
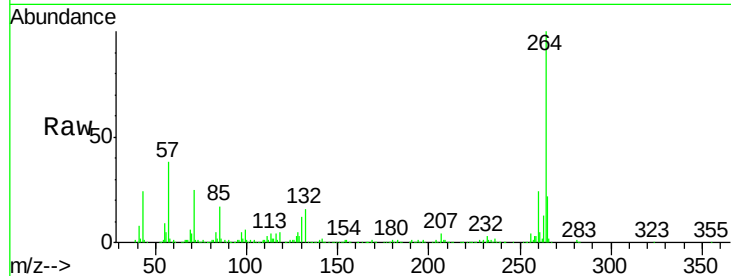
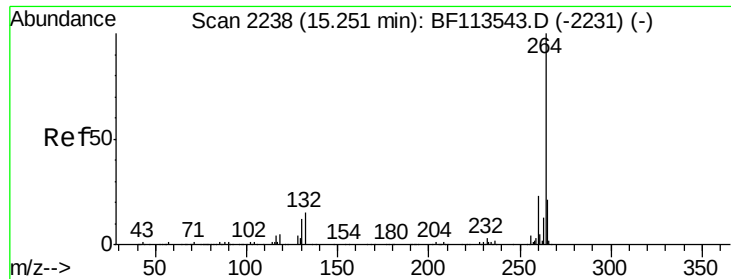
Tot Ion:240 Resp: 337295
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.8 13.2
 236 25.6 20.9 31.3



#79
 Terphenyl-d14
 Concen: 79.101 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

Tgt Ion:244 Resp: 1310426
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.2 8.6 13.0





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF113623.D
 Acq: 5 Apr 2019 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.5	17.1	25.7

