

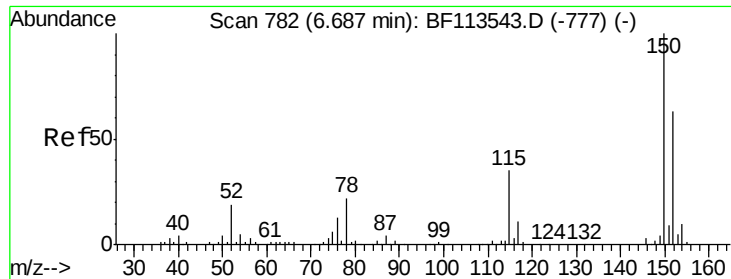
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113684.D
 Acq On : 10 Apr 2019 4:37
 Operator : JU/SJ
 Sample : K2333-03 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 07:36:33 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	103635	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	416971	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	195255	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	360034	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	327444	20.00	ng	-0.02
87) Perylene-d12	15.23	264	315134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	15404	2.53	ng	0.04
7) Phenol-d6	6.38	99	16415	2.19	ng	0.04
23) Nitrobenzene-d5	7.25	82	53384	7.50	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7109	3.03	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	128656	10.61	ng	-0.02
79) Terphenyl-d14	12.77	244	101215	6.29	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	53384	3.893	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	24685	7.781	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	24685	6.433	ng	# 23

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

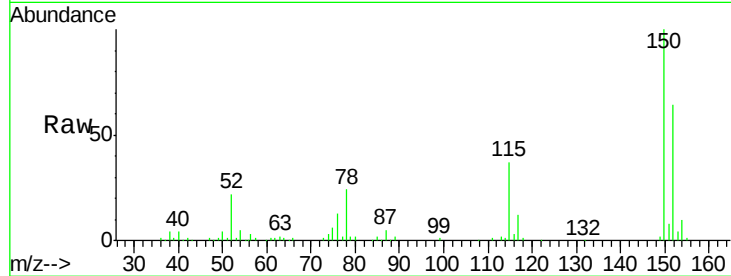


#1

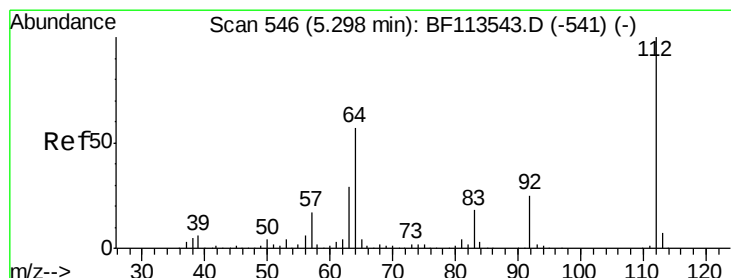
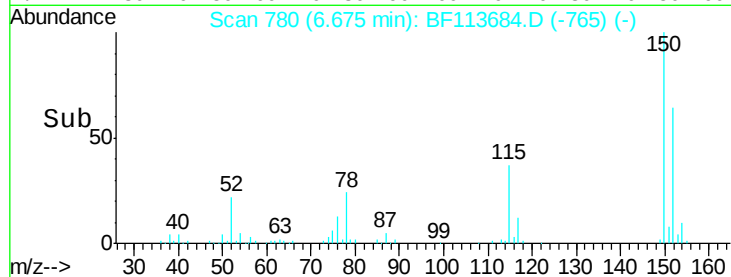
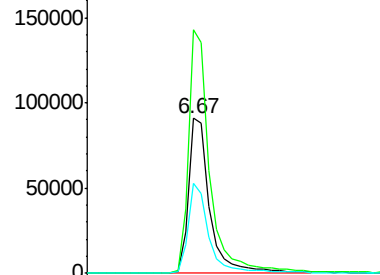
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 103635
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 58.0 46.0 69.0



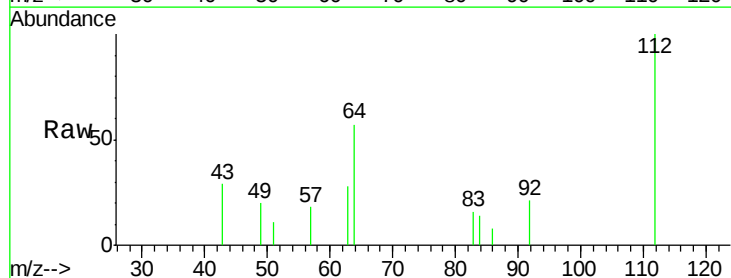
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



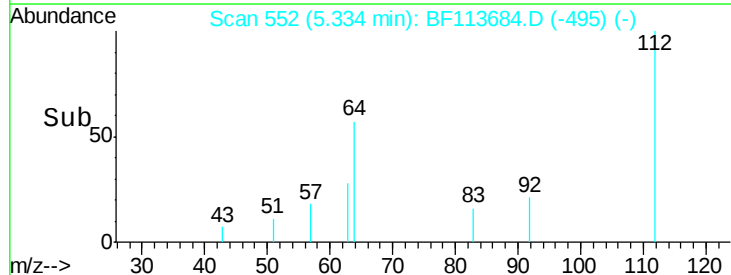
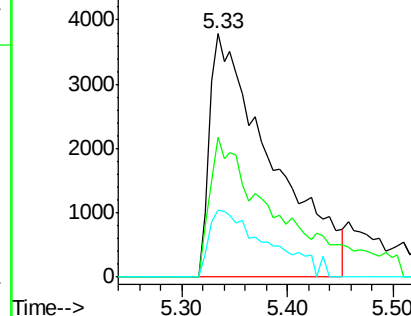
#5

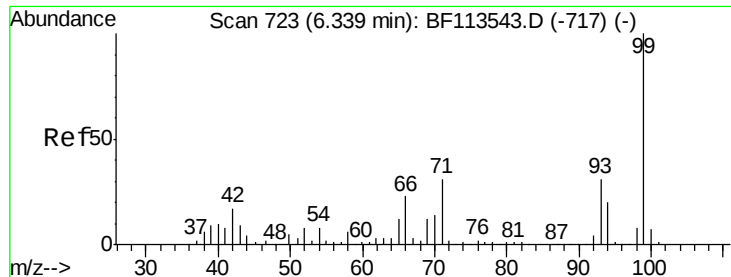
2-Fluorophenol
 Concen: 2.535 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.04 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Tgt Ion:112 Resp: 15404
 Ion Ratio Lower Upper
 112 100
 64 57.3 49.2 73.8
 63 27.7 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: 2.191 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Instrument :

BNA_F

ClientSampleId :

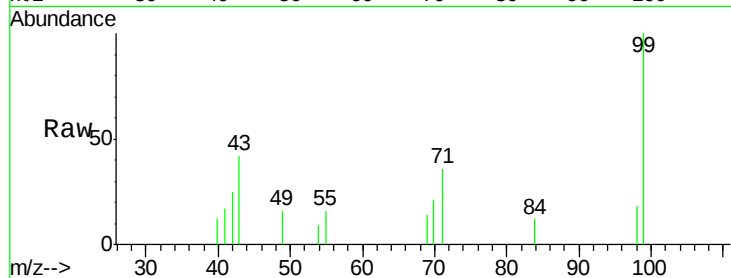
Tot Ion: 99 Resp: 16415

Ion Ratio Lower Upper

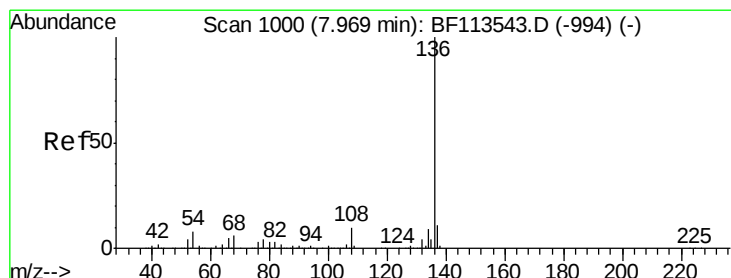
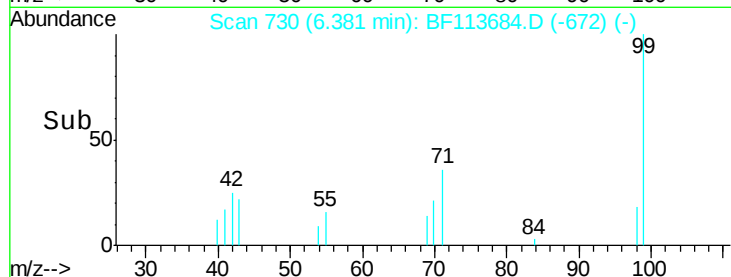
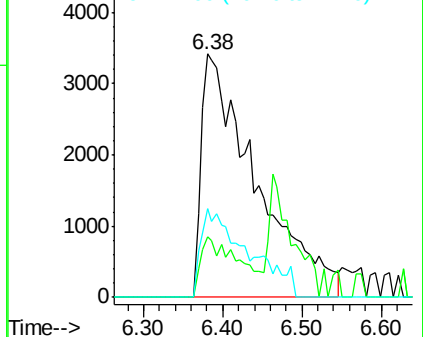
99 100

42 24.9 14.8 22.2#

71 36.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Tgt Ion: 136 Resp: 416971

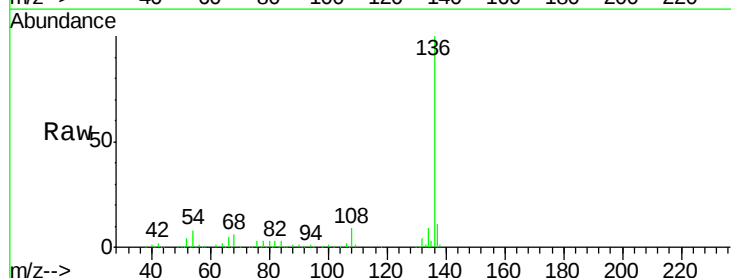
Ion Ratio Lower Upper

136 100

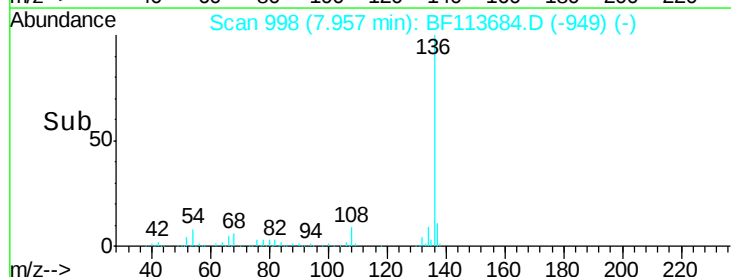
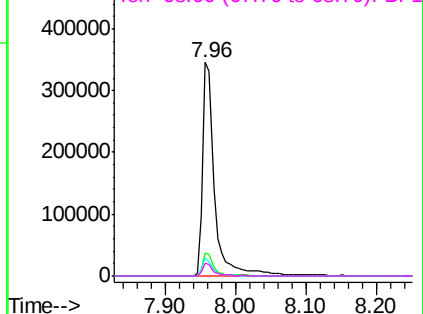
137 10.8 8.9 13.3

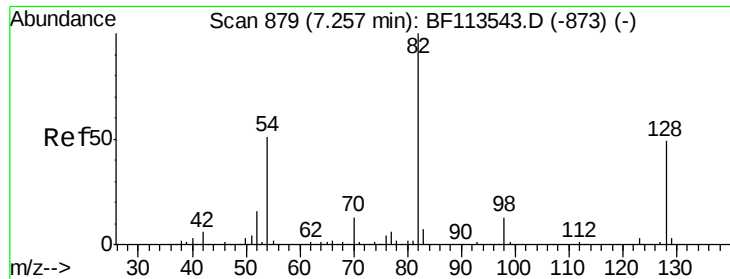
54 8.4 7.0 10.6

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

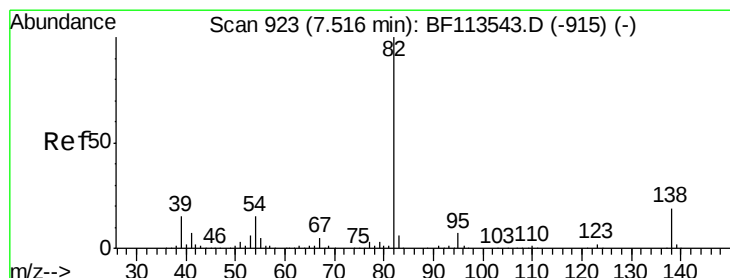
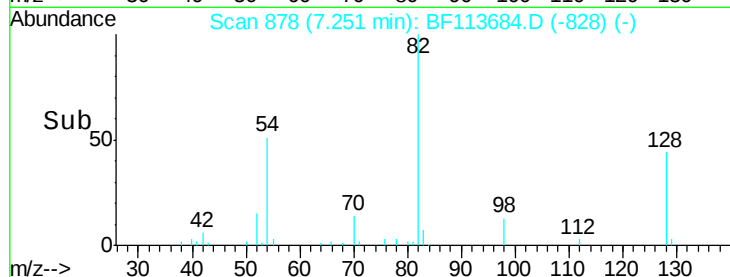
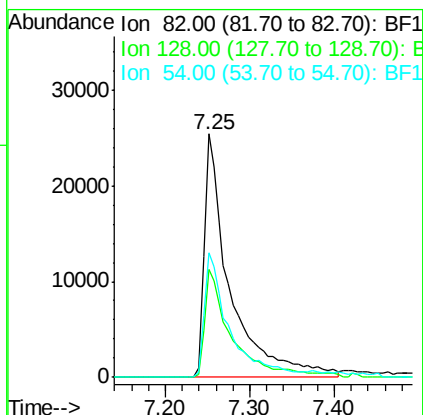
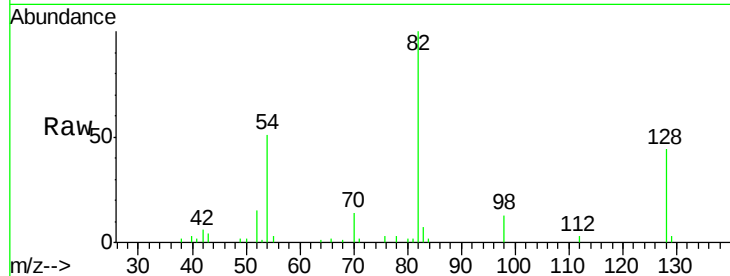




#23
Nitrobenzene-d5
Concen: 7.499 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

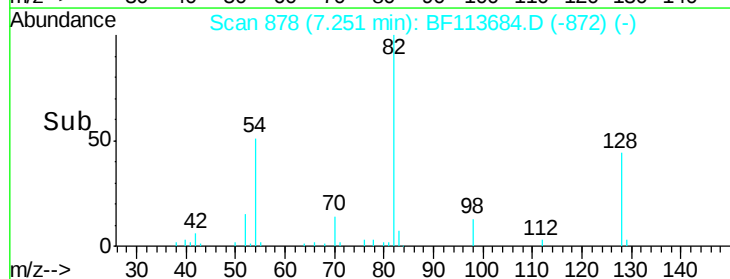
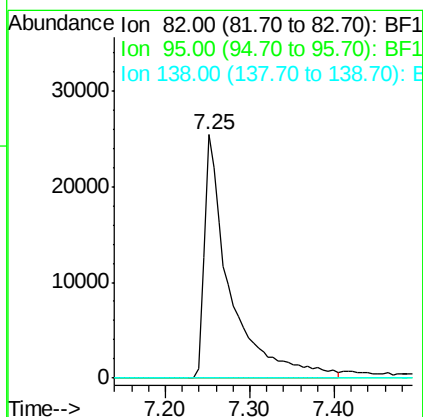
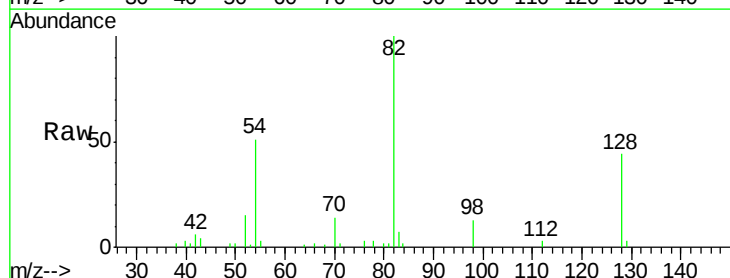
Instrument :
BNA_F
ClientSampleId :

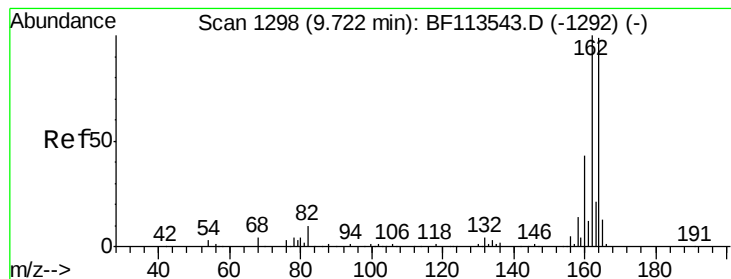
Tot Ion: 82 Resp: 53384
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 51.0 42.2 63.2



#25
Isophorone
Concen: 3.893 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Tgt Ion: 82 Resp: 53384
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: BF113684.D

Acq: 10 Apr 2019 4:37

Instrument :

BNA_F

ClientSampleId :

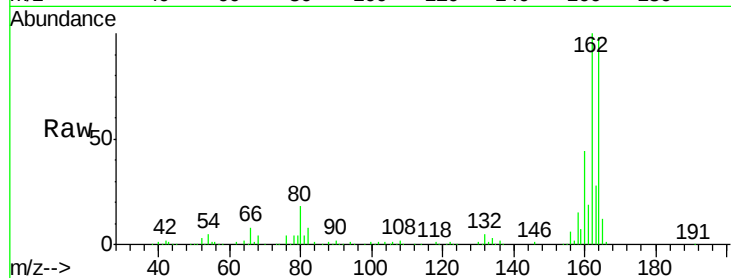
Tot Ion:164 Resp: 195255

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

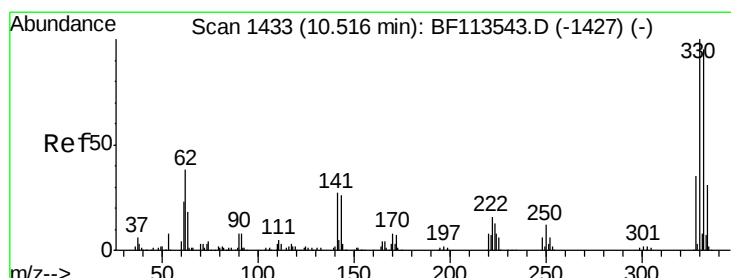
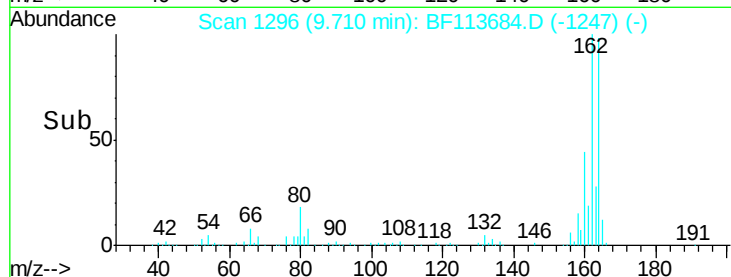
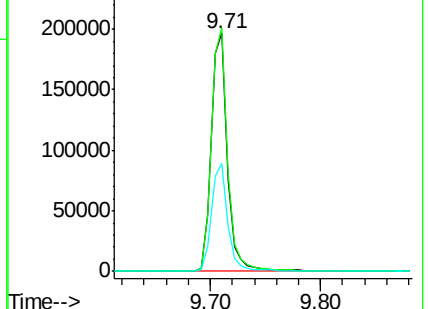
160 45.0 36.4 54.6



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: 3.031 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

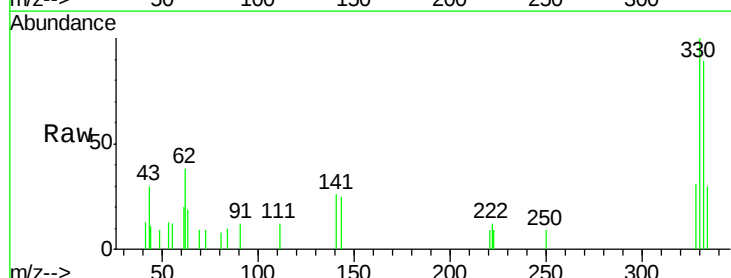
Tgt Ion:330 Resp: 7109

Ion Ratio Lower Upper

330 100

332 90.0 77.8 116.6

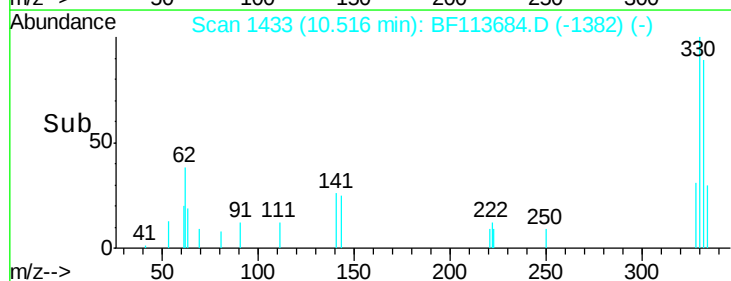
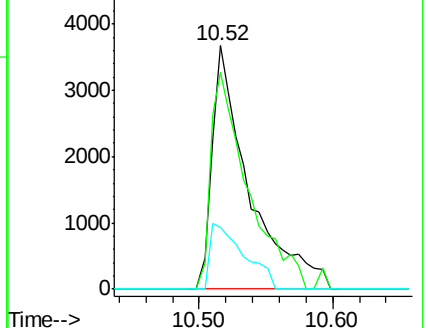
141 25.0 22.7 34.1

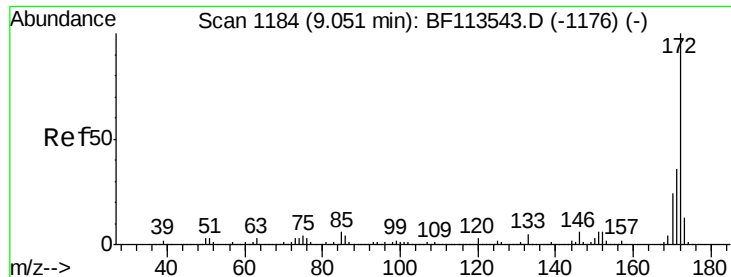


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

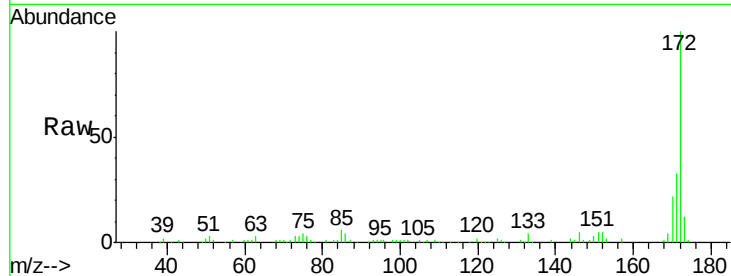




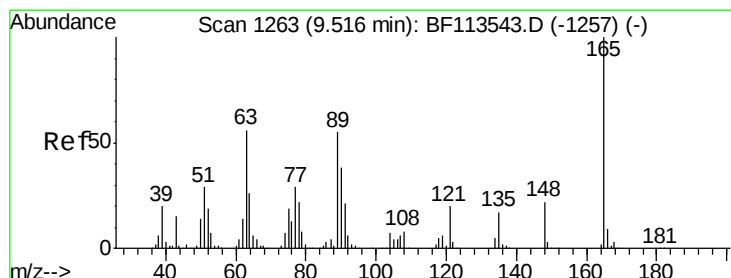
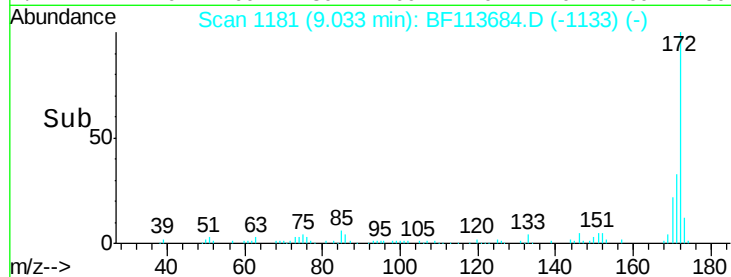
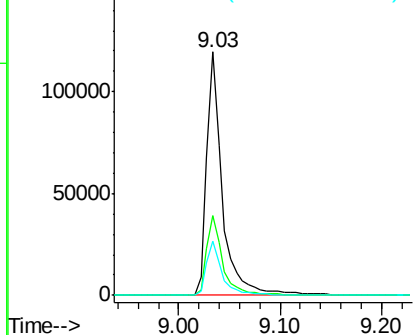
#45
2-Fluorobiphenyl
Concen: 10.608 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 128656
Ion Ratio Lower Upper
172 100
171 32.9 29.0 43.6
170 22.3 19.5 29.3

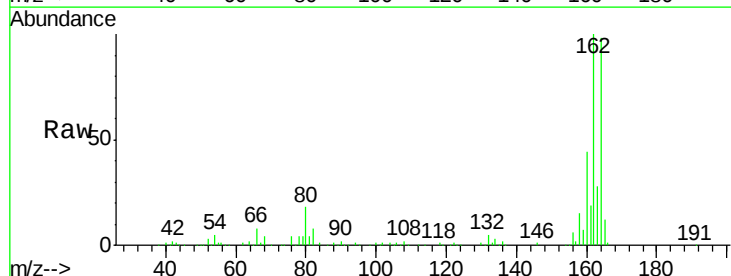


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

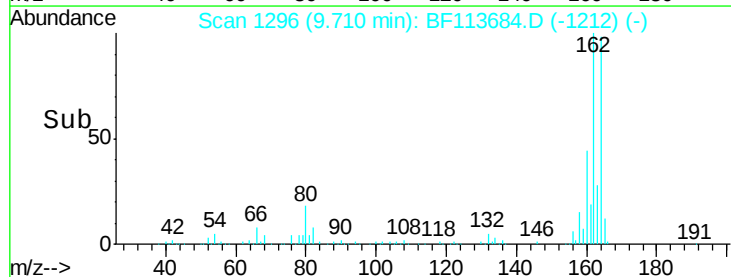
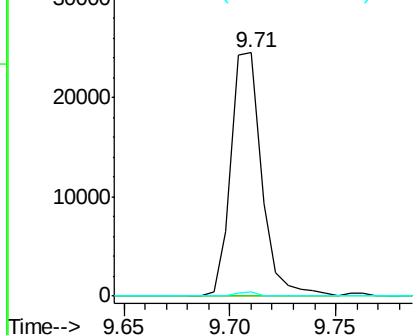


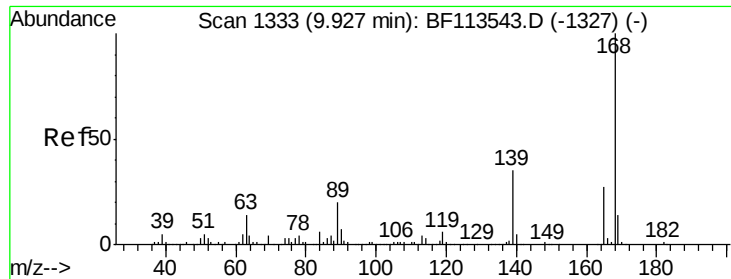
#51
2,6-Dinitrotoluene
Concen: 7.781 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113684.D
Acq: 10 Apr 2019 4:37

Tgt Ion:165 Resp: 24685
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.5 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

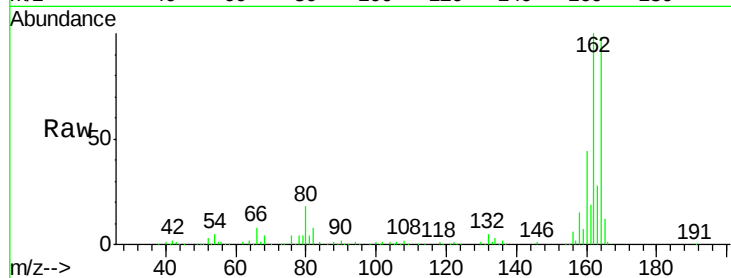




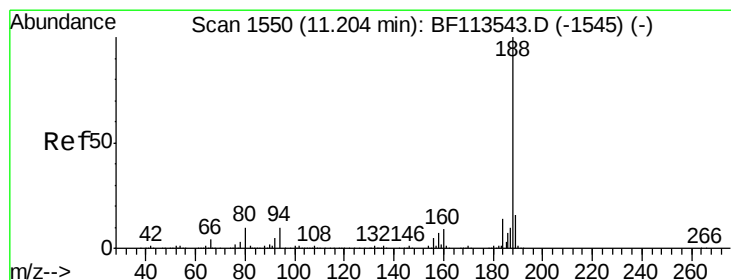
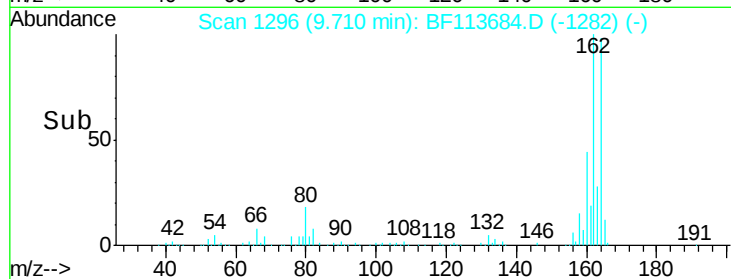
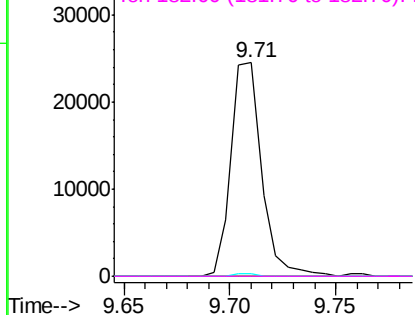
#57
 2,4-Dinitrotoluene
 Concen: 6.433 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24685
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 1.5 57.4 86.2#
 182 0.0 2.0 3.0#

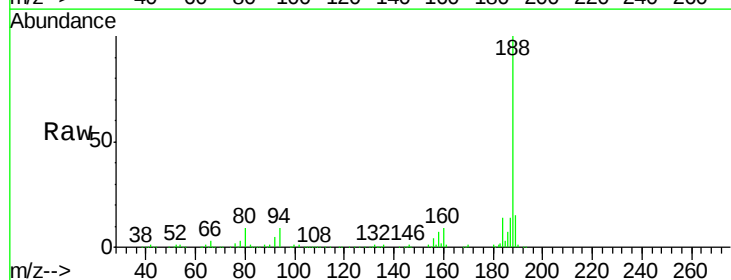


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

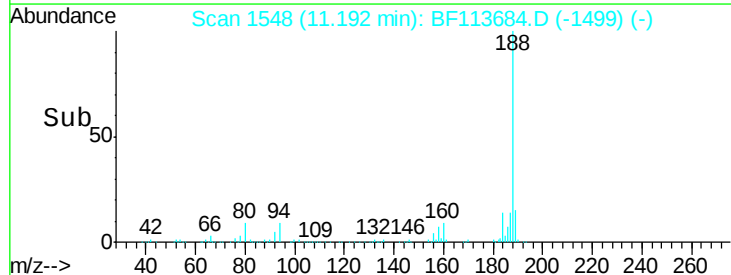
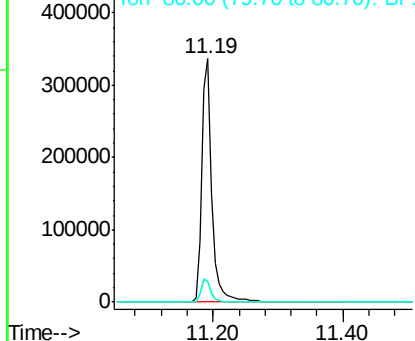


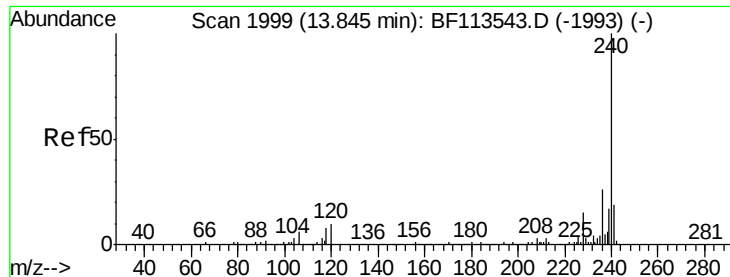
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Tgt Ion:188 Resp: 360034
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 8.7 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

Instrument :

BNA_F

ClientSampleId :

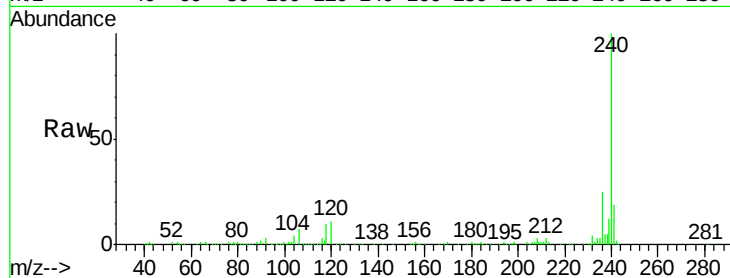
Tot Ion:240 Resp: 327444

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

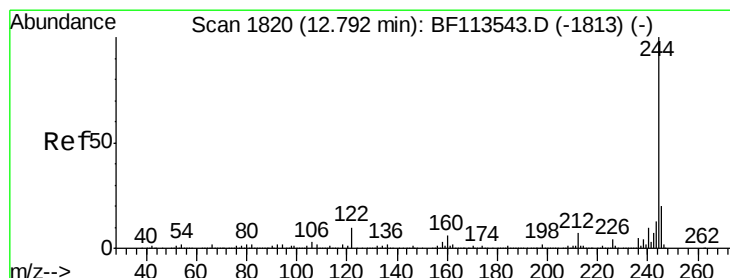
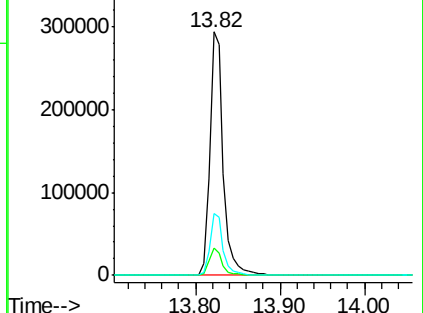
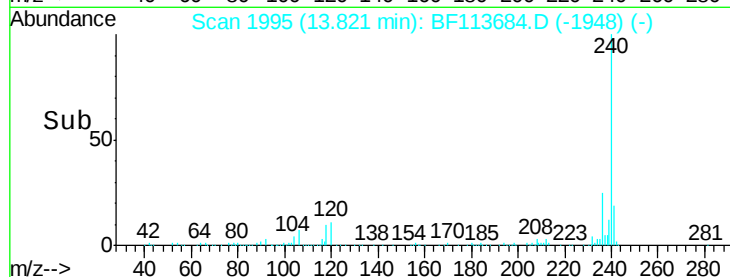
236 25.3 20.9 31.3



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: 6.293 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113684.D

Acq: 10 Apr 2019 4:37

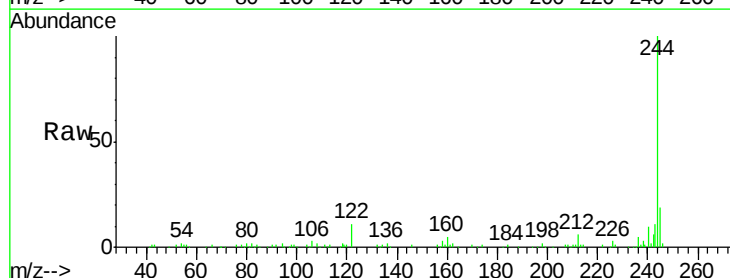
Tgt Ion:244 Resp: 101215

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

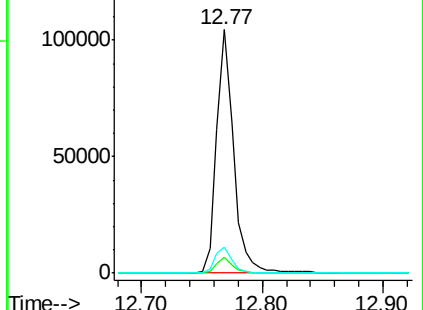
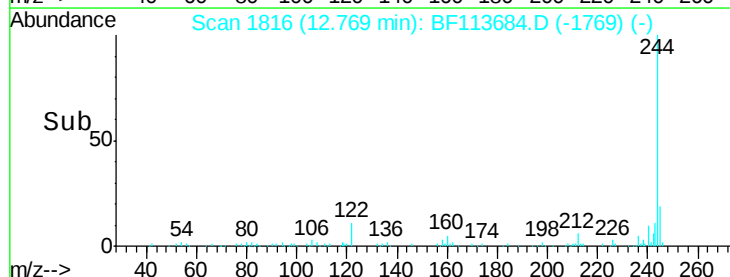
122 10.5 8.6 13.0

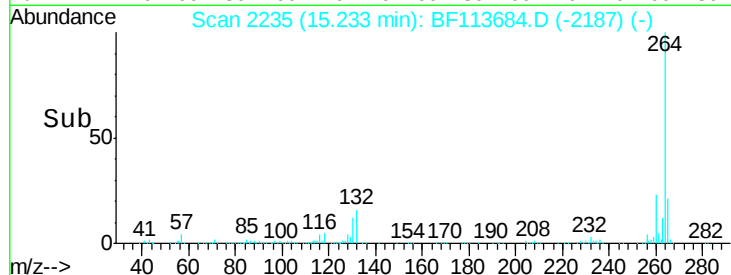
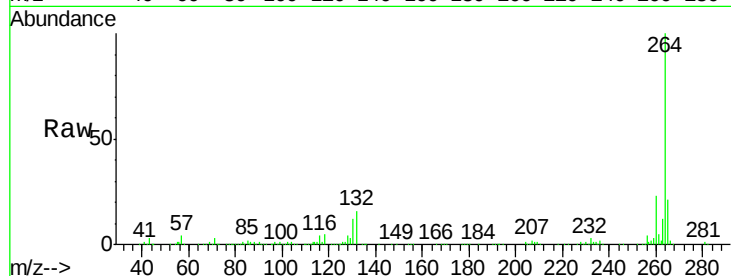
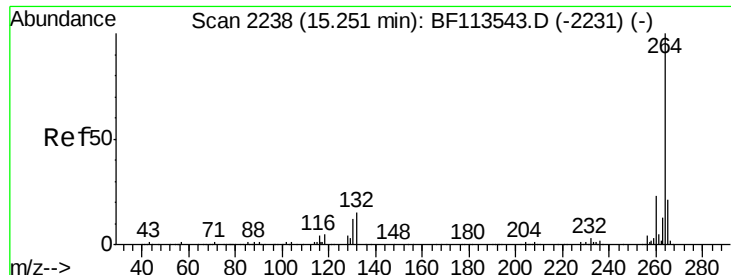


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113684.D
 Acq: 10 Apr 2019 4:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	315134
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	17.1	25.7

