

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114053.D
 Acq On : 30 Apr 2019 20:08
 Operator : JU/SJ
 Sample : K2616-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 23:04:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

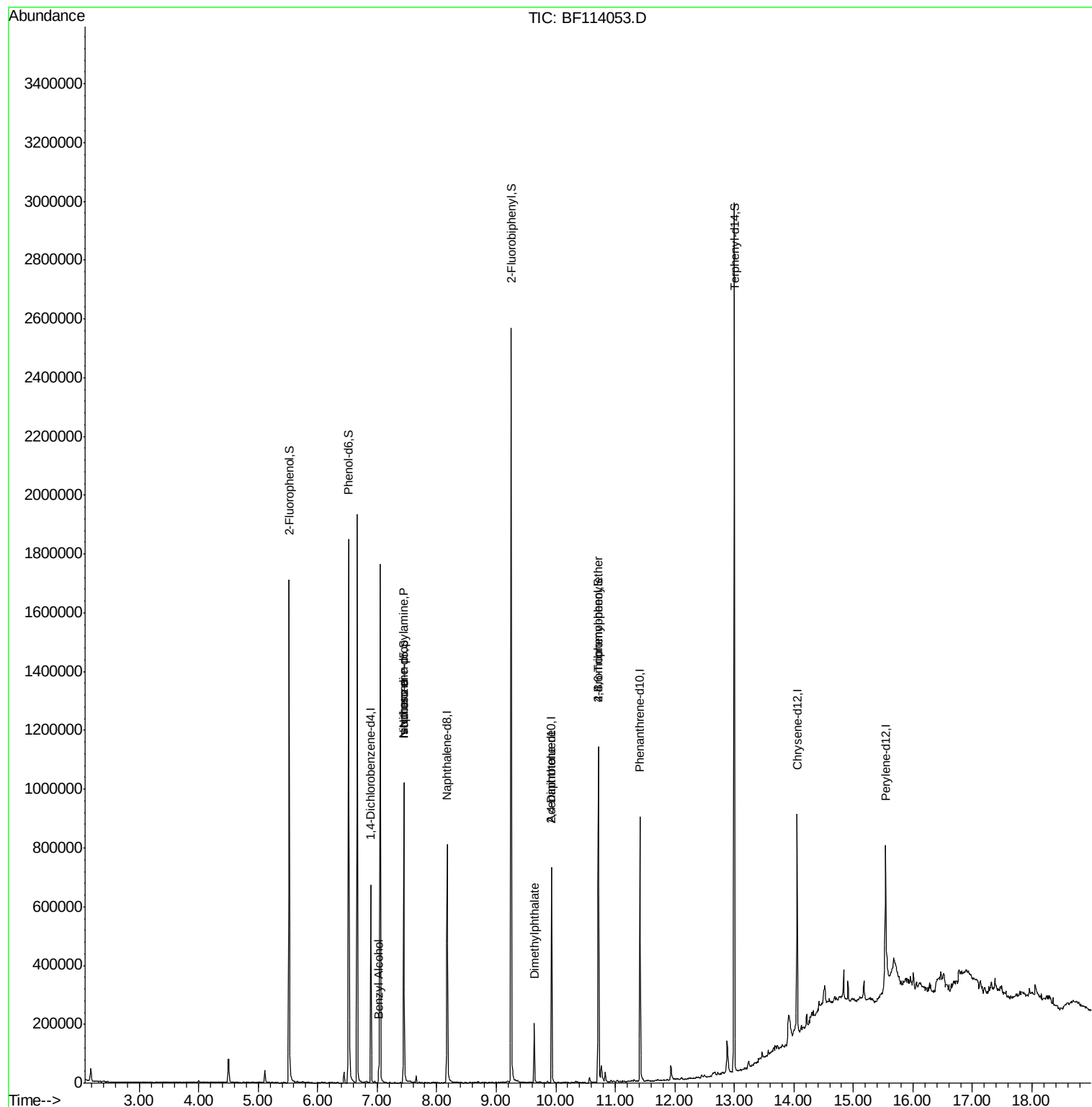
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	98168	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	395536	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	158274	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345732	20.00	ng	0.00
76) Chrysene-d12	14.05	240	262133	20.00	ng	-0.02
87) Perylene-d12	15.54	264	207013	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	534811	93.18	ng	0.00
7) Phenol-d6	6.52	99	644162	89.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	350819	54.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	150689	78.15	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	889841	87.93	ng	0.00
79) Terphenyl-d14	13.00	244	964023	75.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	7972	Below Cal		98
15) Benzyl Alcohol	7.03	79	13303	2.743 ng		99
19) n-Nitroso-di-n-propylamine	7.45	70	45376	9.730 ng	#	77
25) Isophorone	7.45	82	350814	26.764 ng	#	65
50) Dimethylphthalate	9.64	163	92198	8.055 ng		98
57) 2,4-Dinitrotoluene	9.93	165	19794	6.386 ng	#	27
67) 4-Bromophenyl-phenylether	10.72	248	9601	2.299 ng	#	1

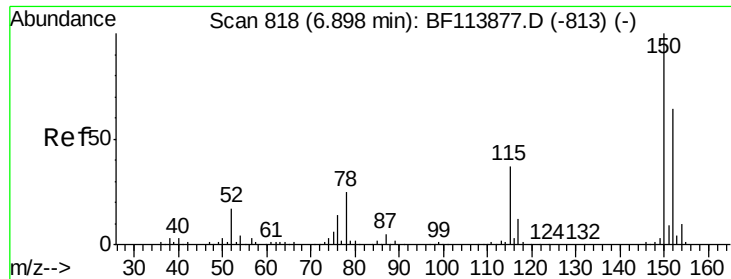
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114053.D
Acq On : 30 Apr 2019 20:08
Operator : JU/SJ
Sample : K2616-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 30 23:04:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

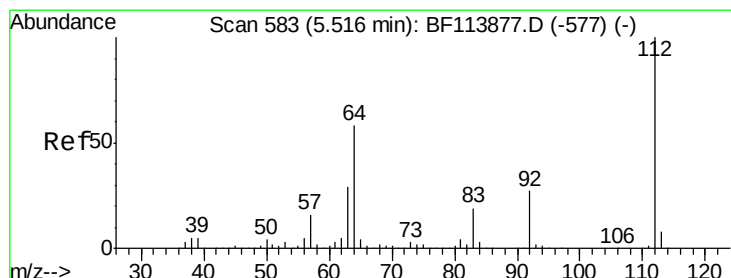
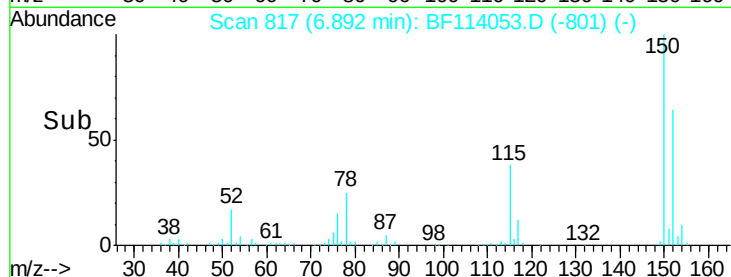
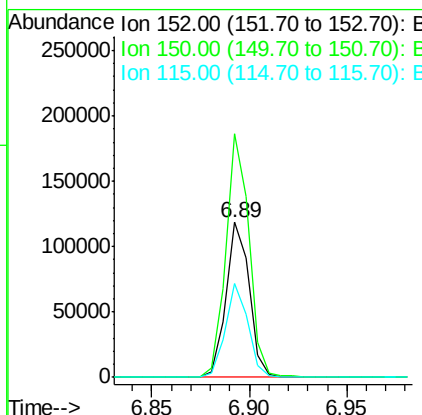
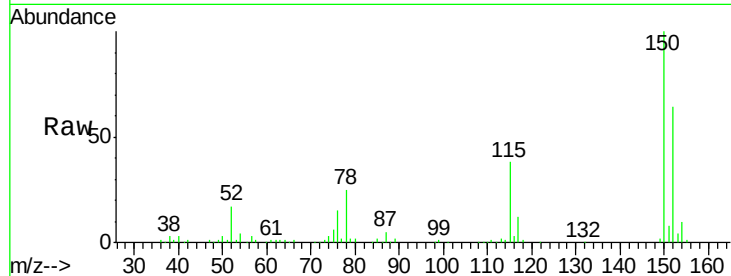




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

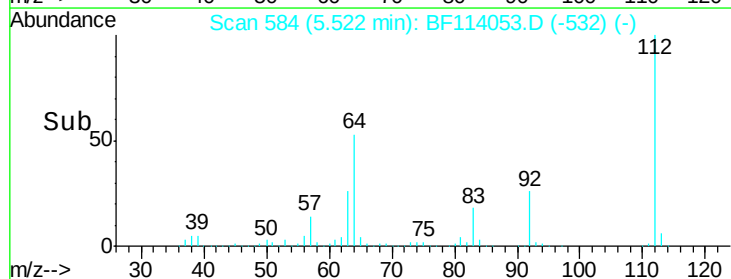
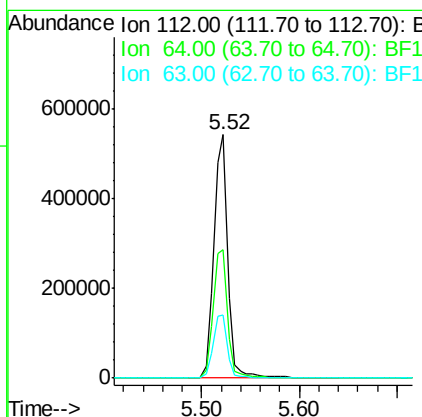
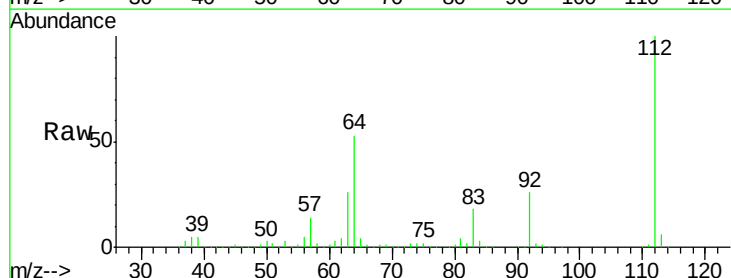
Instrument :
 BNA_F
 ClientSampled :

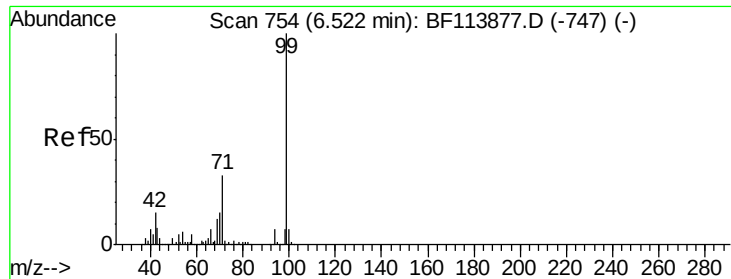
Tot Ion:152 Resp: 98168
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.9 188.9
 115 60.3 45.9 68.9



#5
 2-Fluorophenol
 Concen: 93.179 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

Tgt Ion:112 Resp: 534811
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.6 69.8
 63 26.0 23.1 34.7





#7

Phenol-d6

Concen: 89.454 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114053.D

Acq: 30 Apr 2019 20:08

Instrument :

BNA_F

ClientSampleId :

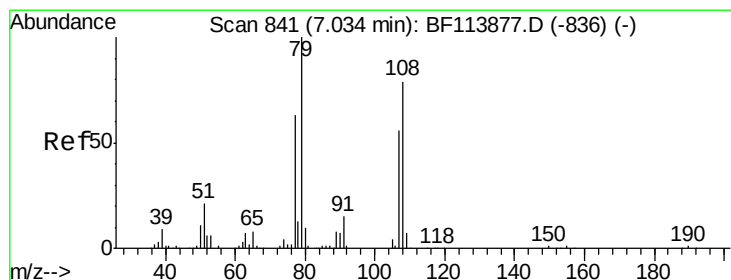
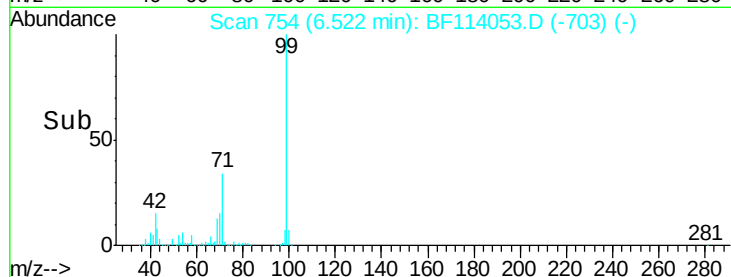
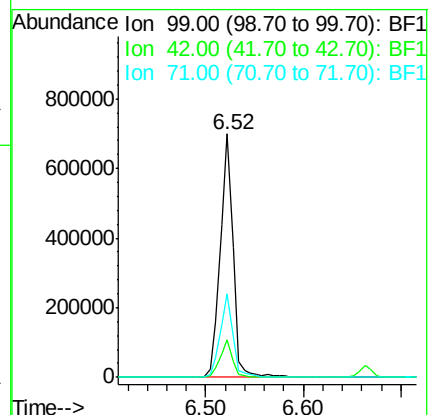
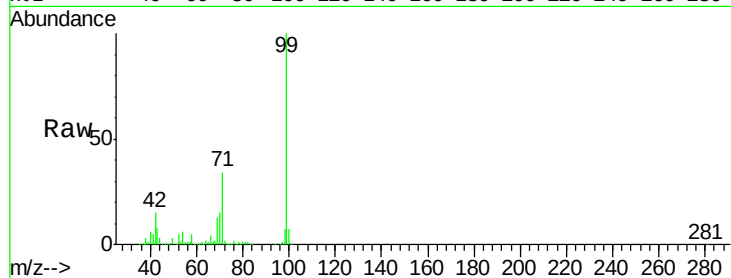
Tot Ion: 99 Resp: 644162

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

71 34.4 26.9 40.3



#15

Benzyl Alcohol

Concen: 2.743 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114053.D

Acq: 30 Apr 2019 20:08

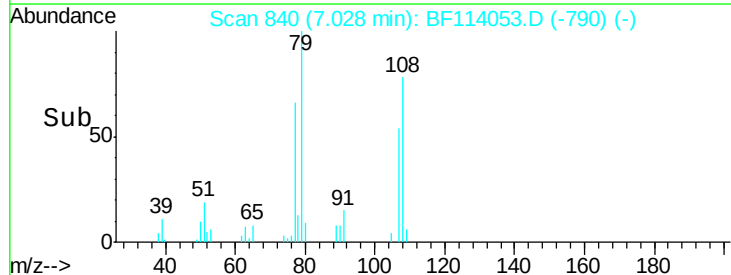
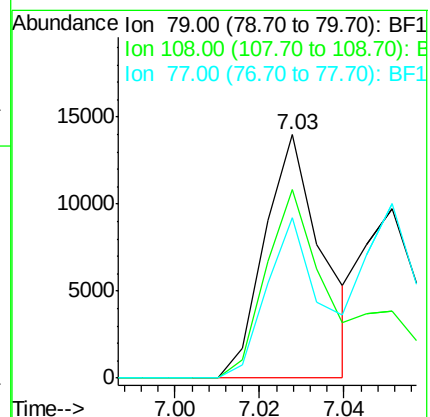
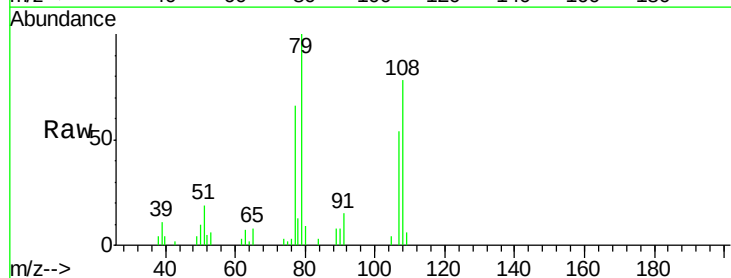
Tgt Ion: 79 Resp: 13303

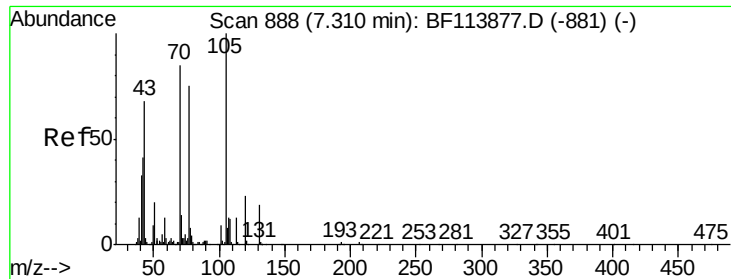
Ion Ratio Lower Upper

79 100

108 77.6 61.4 92.0

77 65.7 51.6 77.4

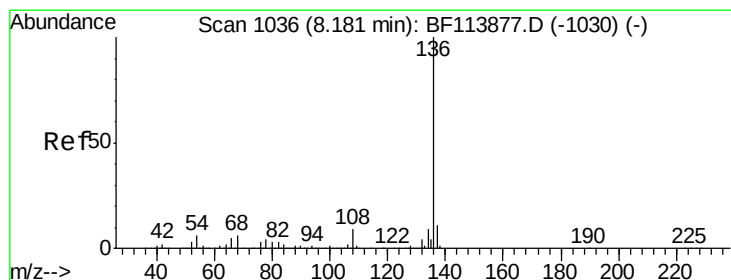
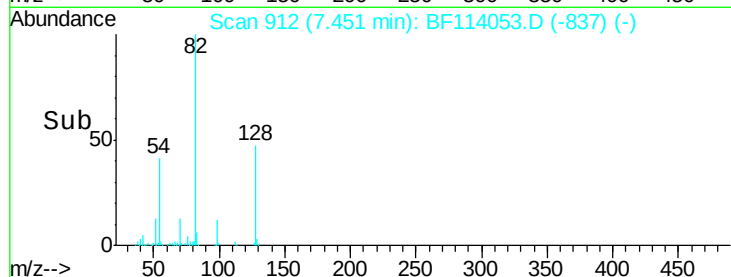
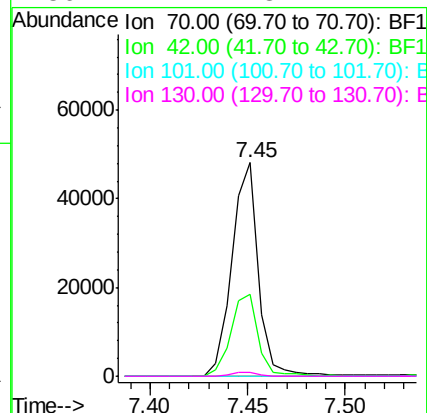
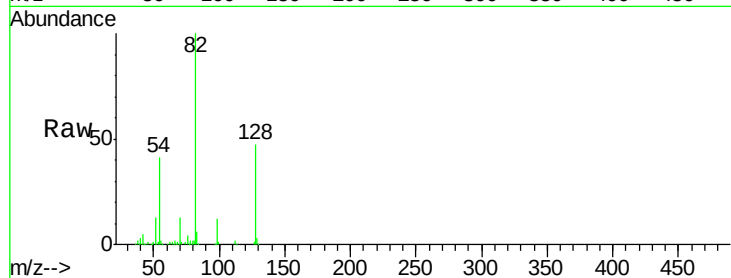




#19
n-Nitroso-di-n-propylamine
Concen: 9.730 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

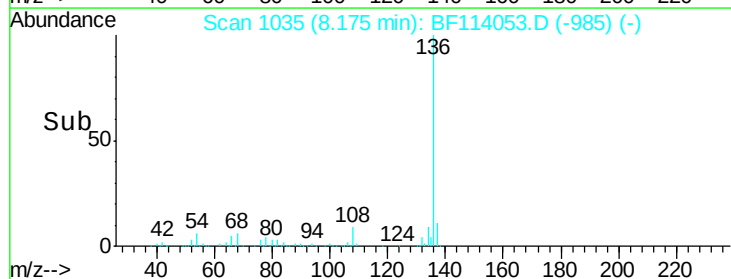
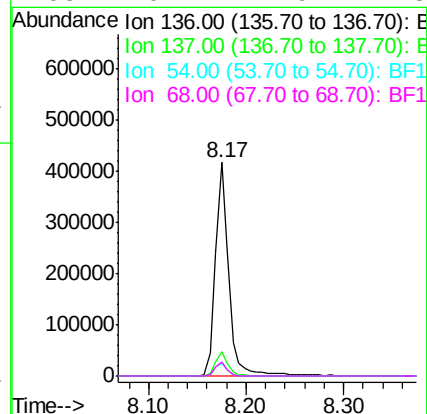
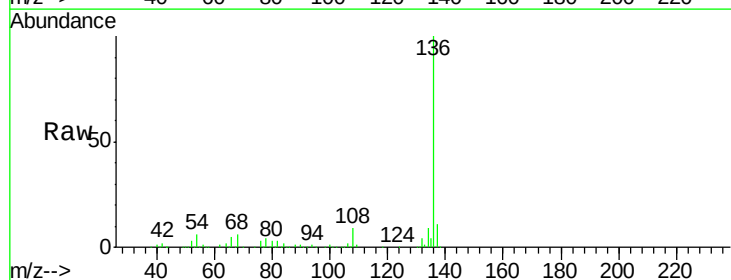
Instrument :
BNA_F
ClientSampleId :

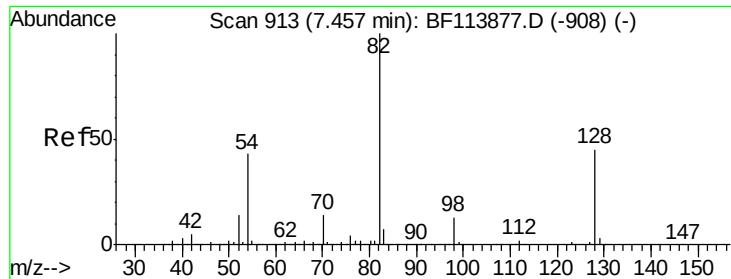
Tot Ion: 70 Resp: 45376
Ion Ratio Lower Upper
70 100
42 38.1 37.3 55.9
101 0.0 7.8 11.8#
130 2.1 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Tgt Ion: 136 Resp: 395536
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.3 5.0 7.6
68 6.4 4.9 7.3

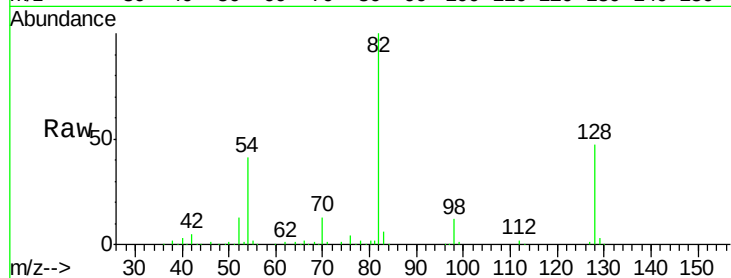




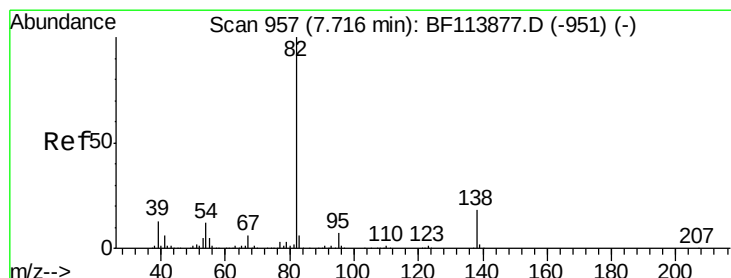
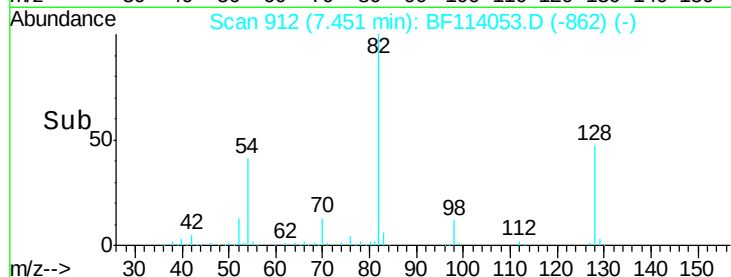
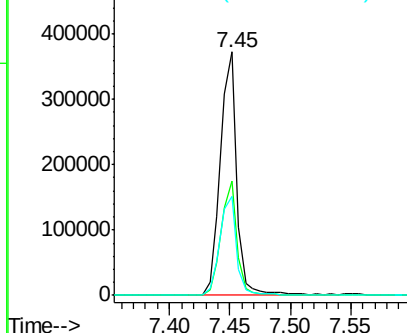
#23
Nitrobenzene-d5
Concen: 54.763 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	350819
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.8	55.2
54	40.7	33.8	50.6

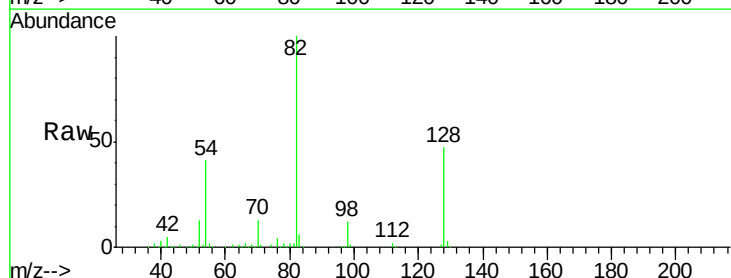


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

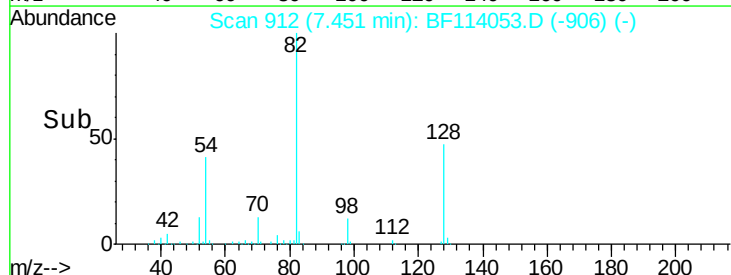
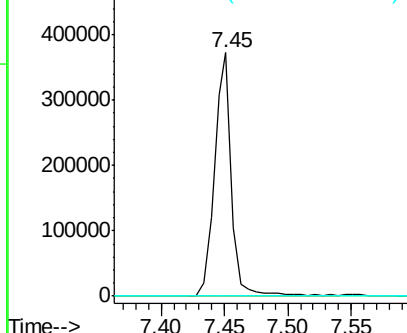


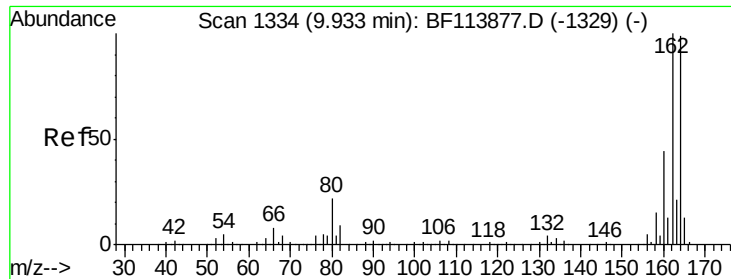
#25
Isophorone
Concen: 26.764 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Tgt Ion	82	Resp	350814
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#



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

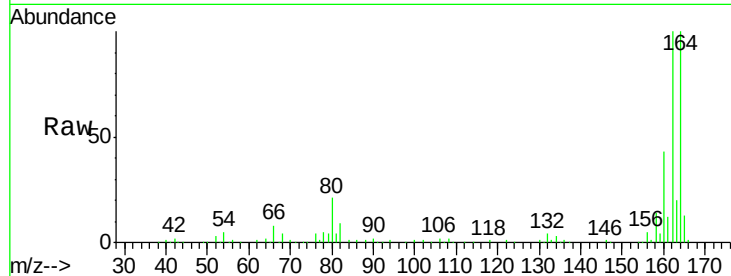




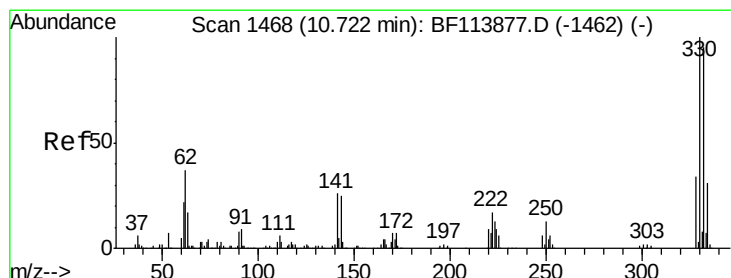
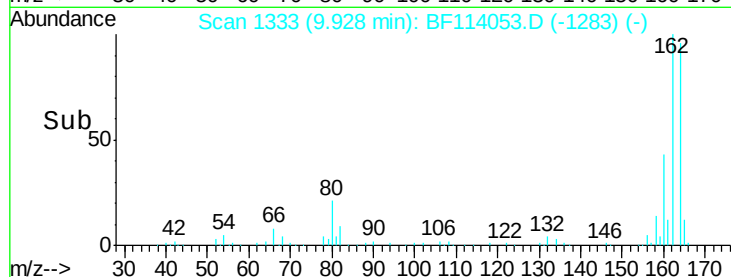
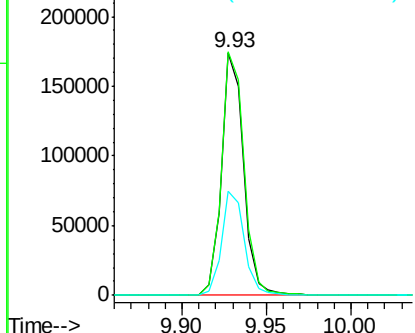
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158274
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 43.0 35.8 53.6

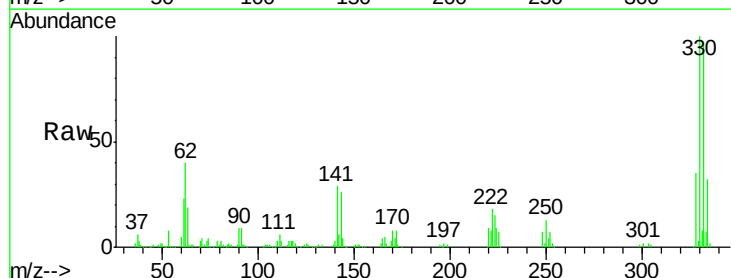


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

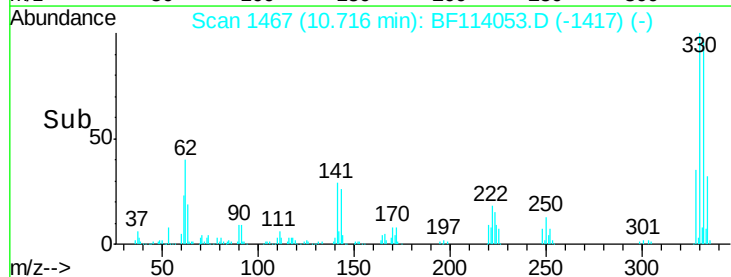
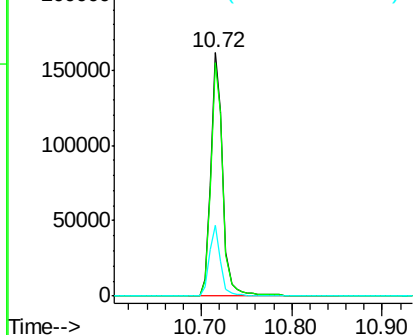


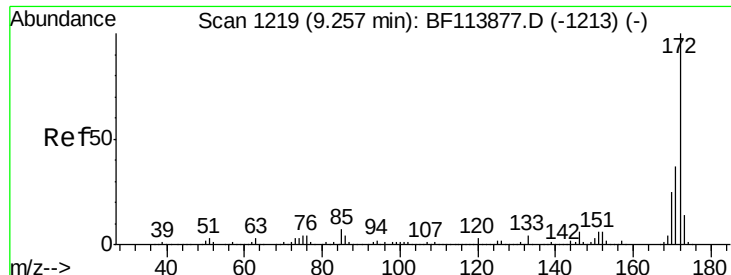
#42
2,4,6-Tribromophenol
Concen: 78.154 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Tgt Ion:330 Resp: 150689
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 27.6 22.2 33.2



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



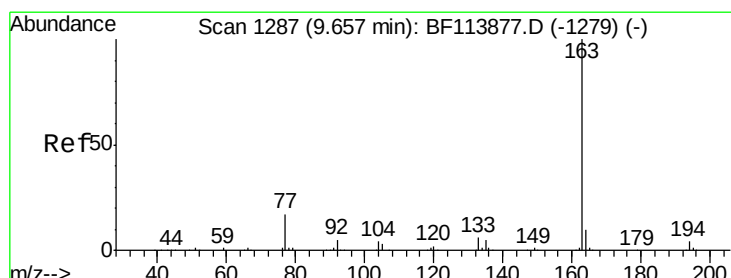
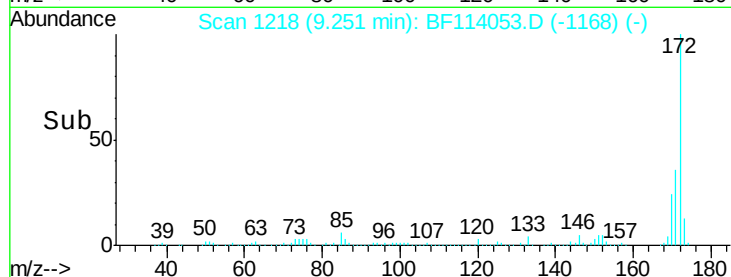
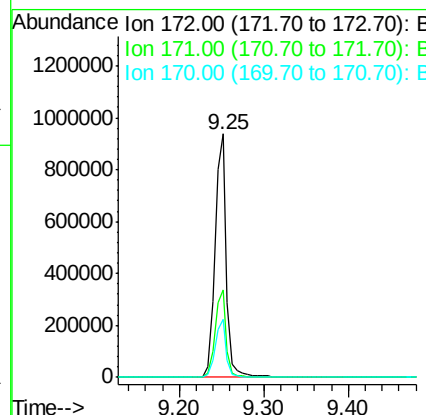
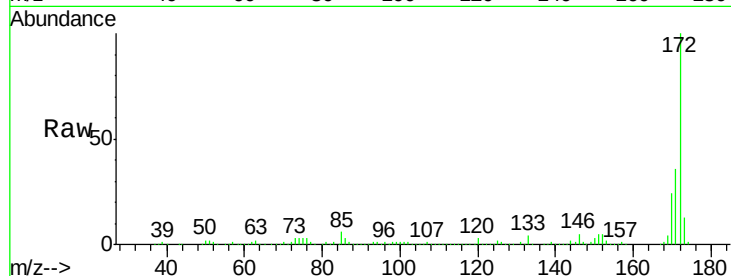


#45
 2-Fluorobiphenyl
 Concen: 87.932 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 889841

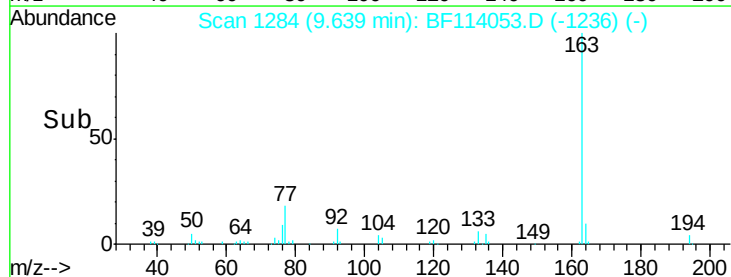
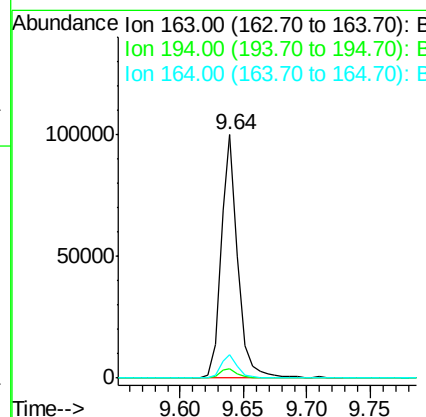
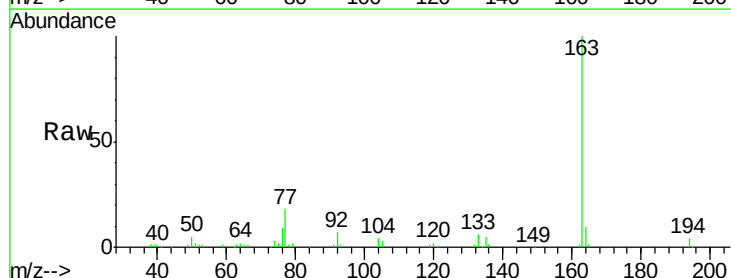
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.7	19.9	29.9

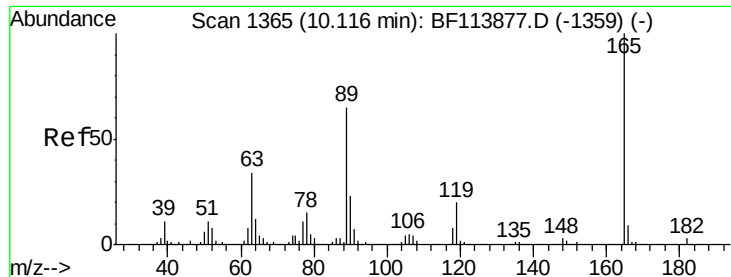


#50
 Dimethylphthalate
 Concen: 8.055 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

Tgt Ion:163 Resp: 92198

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.9	8.5	12.7

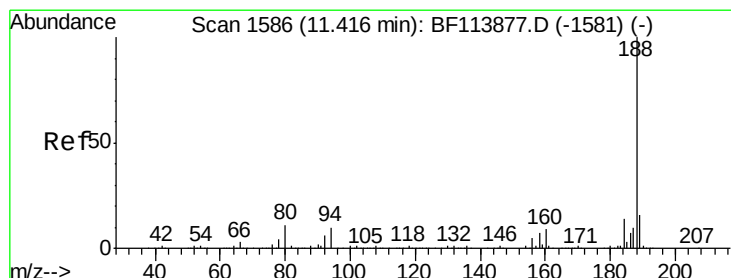
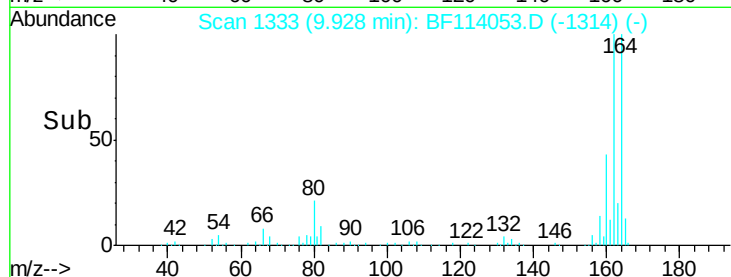
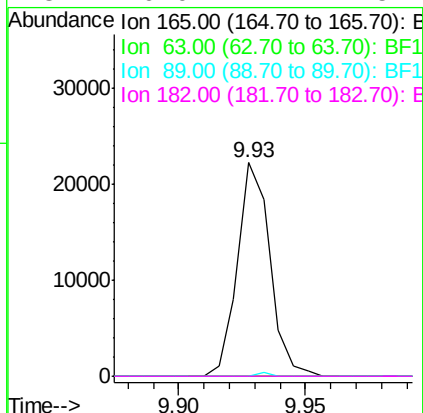
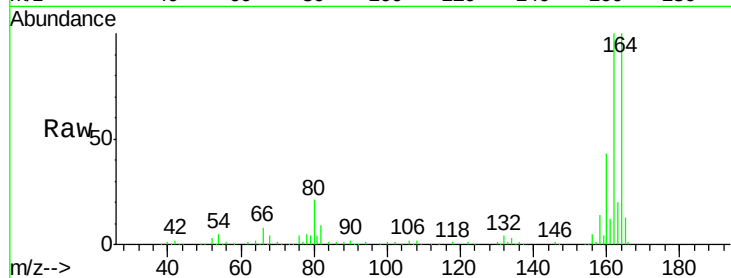




#57
 2,4-Dinitrotoluene
 Concen: 6.386 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

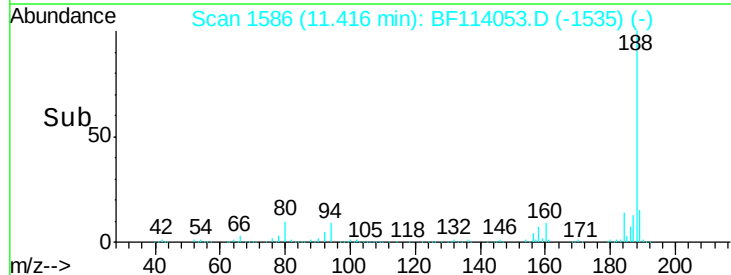
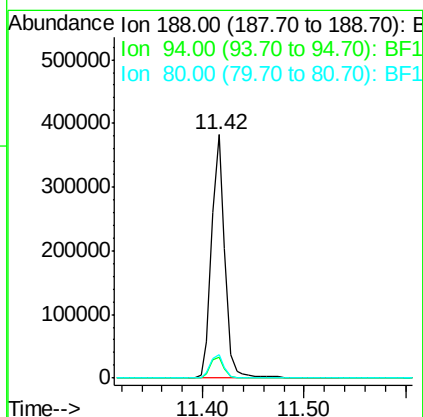
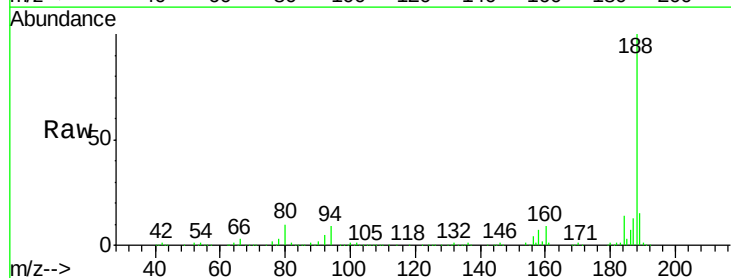
Instrument :
 BNA_F
 ClientSampleId :

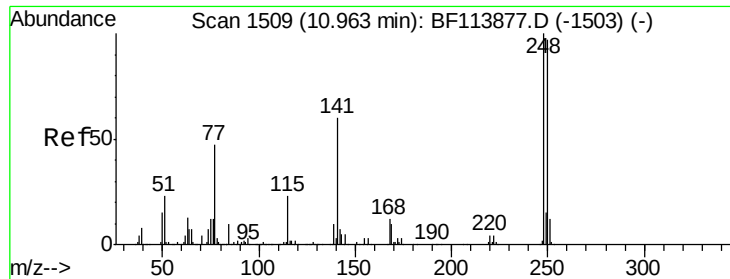
Tot Ion:165	Resp:	19794
Ion Ratio	Lower	Upper
165	100	
63	0.0	27.4 41.0#
89	0.0	51.8 77.6#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF114053.D
 Acq: 30 Apr 2019 20:08

Tgt Ion:188	Resp:	345732
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.2 12.4
80	9.6	9.0 13.6

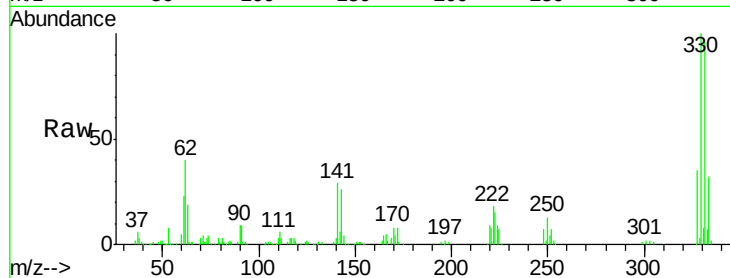




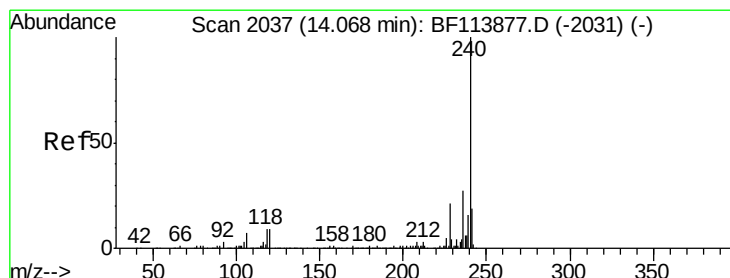
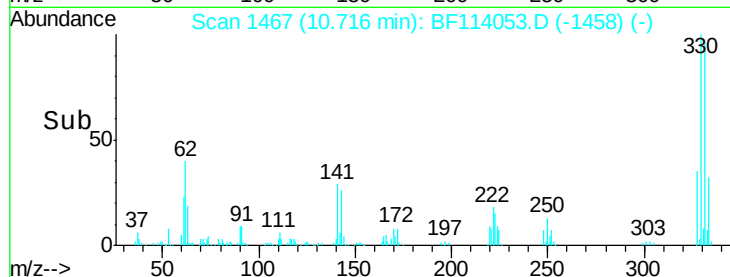
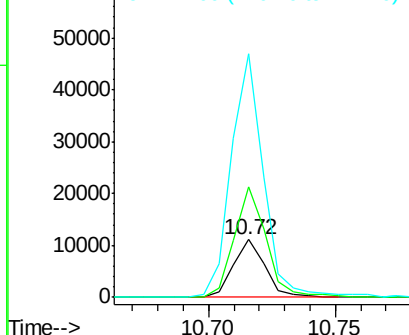
#67
4-Bromophenyl-phenylether
Concen: 2.299 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9601
Ion Ratio Lower Upper
248 100
250 189.6 75.8 113.6#
141 420.2 50.2 75.4#

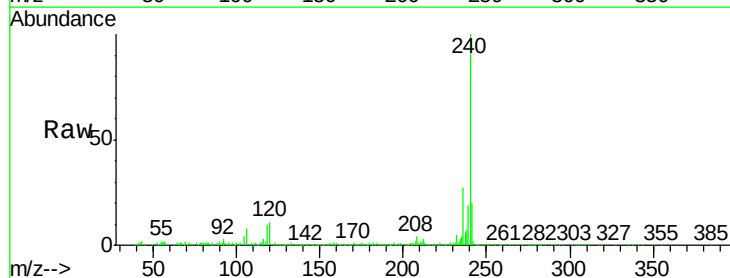


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

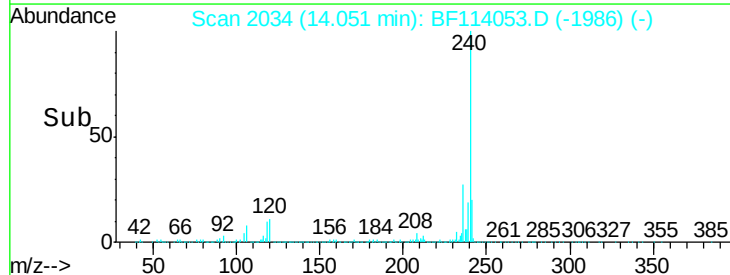
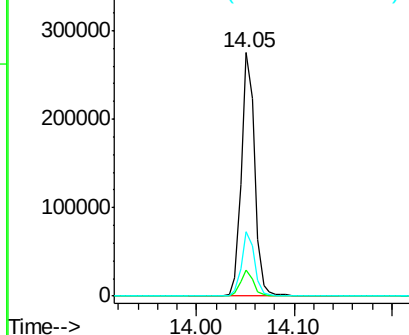


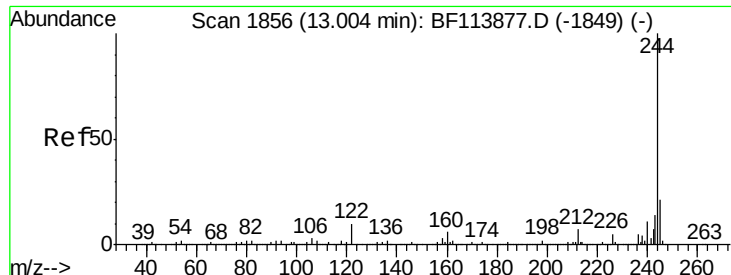
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF114053.D
Acq: 30 Apr 2019 20:08

Tgt Ion:240 Resp: 262133
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.6 21.2 31.8



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: 75.396 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114053.D

Acq: 30 Apr 2019 20:08

Instrument :

BNA_F

ClientSampleId :

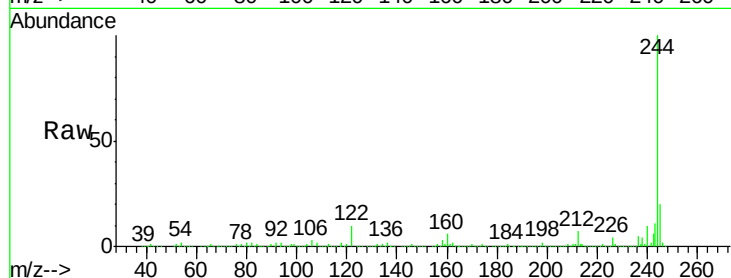
Tot Ion:244 Resp: 964023

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.7	7.6	11.4

244 100

212 6.6 5.4 8.2

122 9.7 7.6 11.4



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

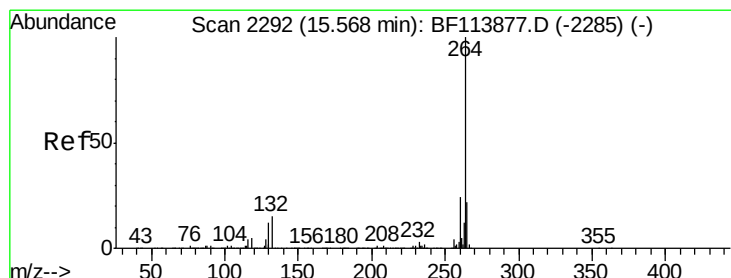
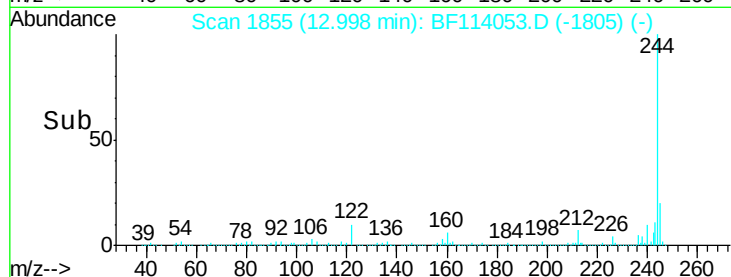
13.00

1000000

500000

0

Time--> 12.90 13.00 13.10



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF114053.D

Acq: 30 Apr 2019 20:08

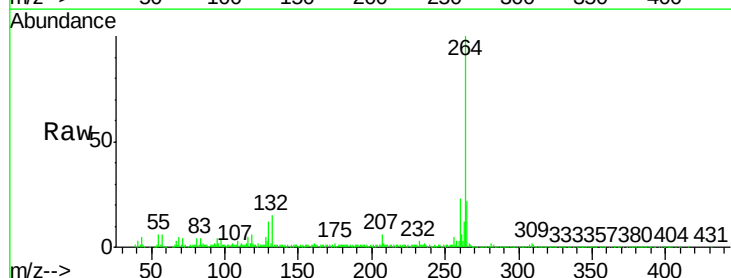
Tgt Ion:264 Resp: 207013

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.2	17.3	25.9

264 100

260 23.1 18.9 28.3

265 22.2 17.3 25.9



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

15.54

200000

150000

100000

50000

0

Time--> 15.50 15.60

