

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118166.D
 Acq On : 10 Dec 2019 16:41
 Operator : JU
 Sample : K6117-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 02:34:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

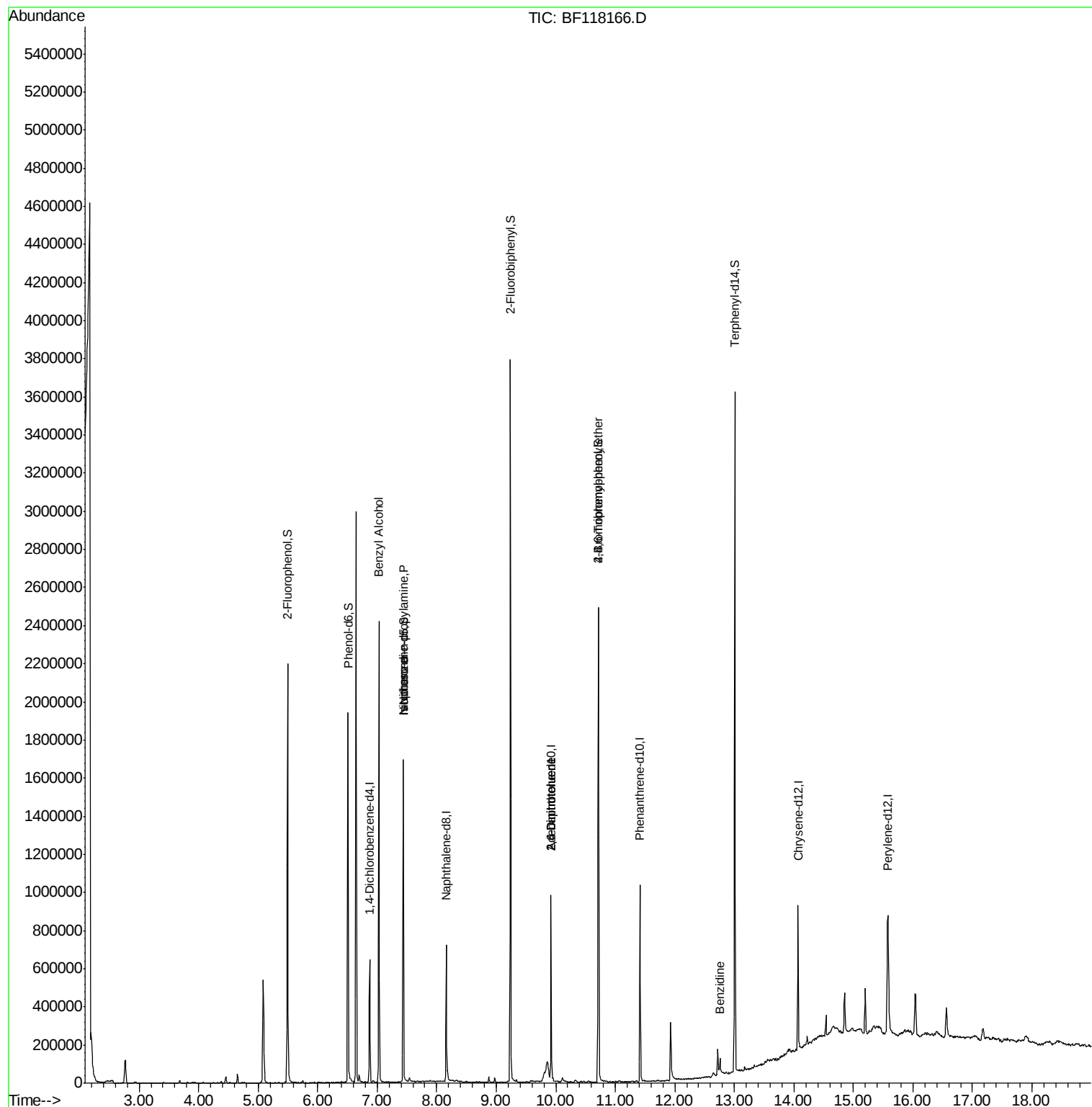
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	87881	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	349866	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	188757	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345118	20.00	ng	0.00
76) Chrysene-d12	14.07	240	246383	20.00	ng	0.00
87) Perylene-d12	15.57	264	261777	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	642219	127.99	ng	0.01
7) Phenol-d6	6.51	99	714870	117.79	ng	0.01
23) Nitrobenzene-d5	7.44	82	531915	85.53	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	294378	128.38	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1083702	87.36	ng	0.00
79) Terphenyl-d14	13.01	244	1247226	87.05	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	761	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.03	79	10326	2.180 ng	#	50
19) n-Nitroso-di-n-propylamine	7.44	70	73788	20.009 ng	#	74
25) Isophorone	7.44	82	531910	50.454 ng	#	62
51) 2,6-Dinitrotoluene	9.92	165	23905	7.885 ng	#	28
57) 2,4-Dinitrotoluene	9.92	165	23905	5.908 ng	#	26
67) 4-Bromophenyl-phenylether	10.72	248	18678	4.741 ng	#	1
77) Benzydine	12.76	184	42333	6.527 ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
Data File : BF118166.D
Acq On : 10 Dec 2019 16:41
Operator : JU
Sample : K6117-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 02:34:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



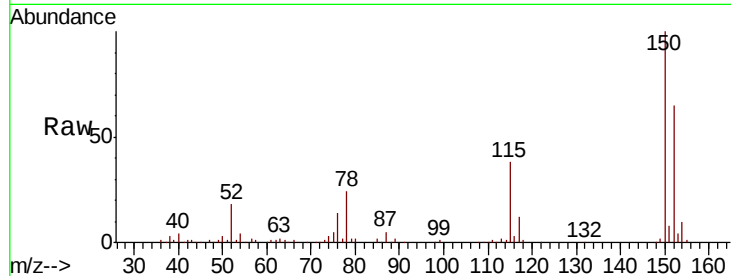


#1

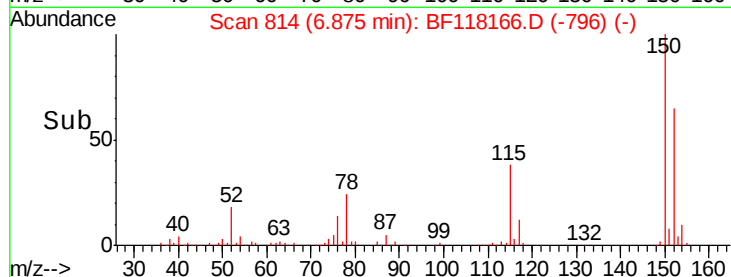
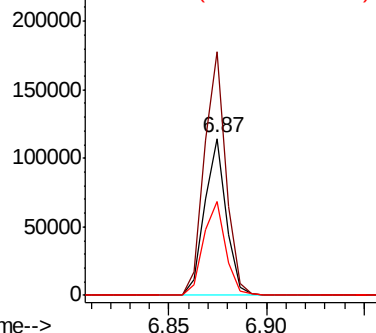
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87881
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 59.3 51.1 76.7



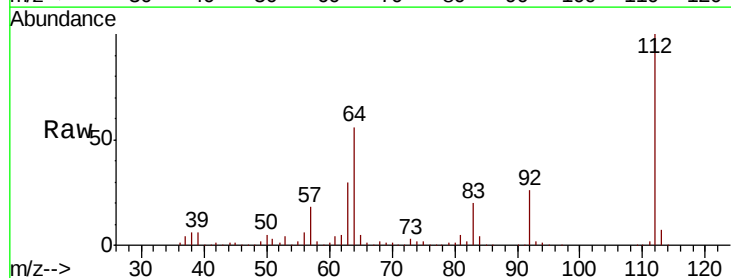
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



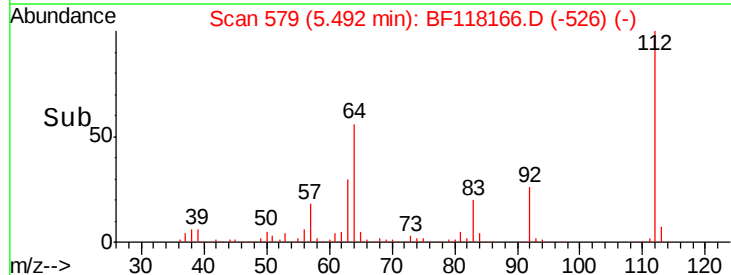
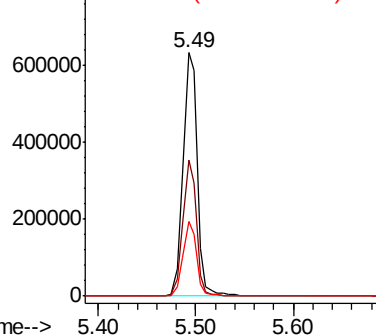
#5

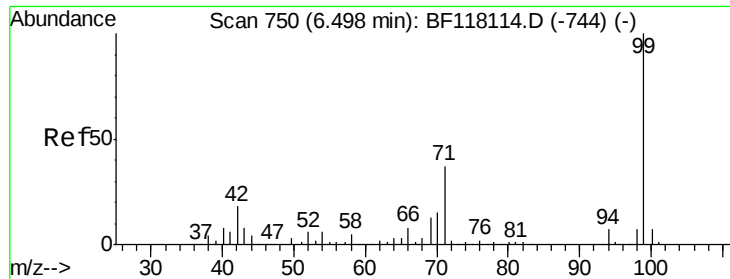
2-Fluorophenol
Concen: 127.994 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion:112 Resp: 642219
Ion Ratio Lower Upper
112 100
64 55.8 41.3 61.9
63 30.4 22.4 33.6



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: 117.792 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118166.D

Acq: 10 Dec 2019 16:41

Instrument :

BNA_F

ClientSampled :

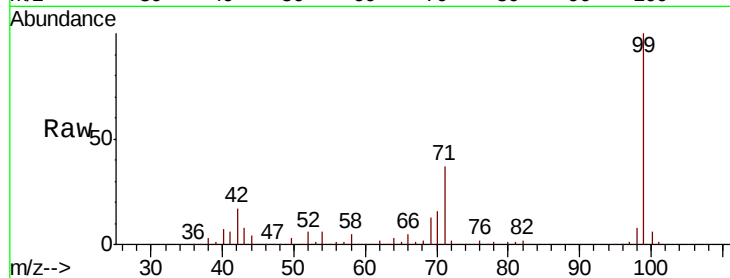
Tot Ion: 99 Resp: 714870

Ion Ratio Lower Upper

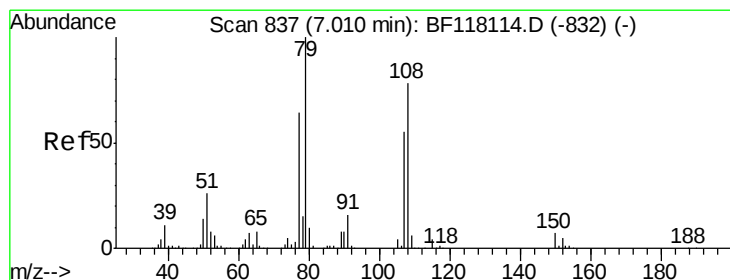
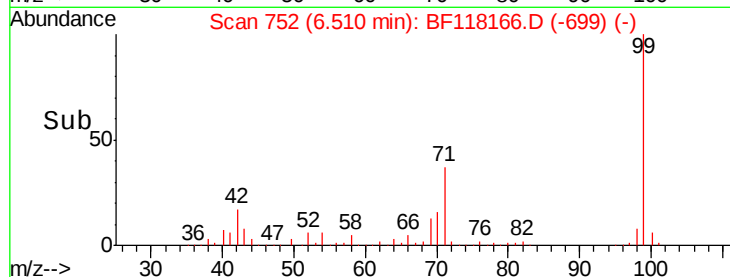
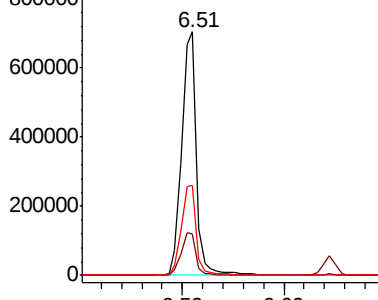
99 100

42 17.0 14.1 21.1

71 36.9 29.7 44.5



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



#15

Benzyl Alcohol

Concen: 2.180 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF118166.D

Acq: 10 Dec 2019 16:41

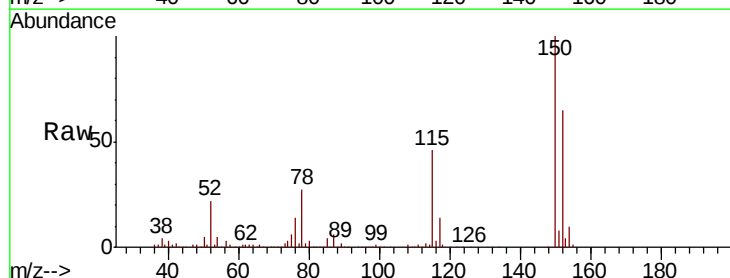
Tgt Ion: 79 Resp: 10326

Ion Ratio Lower Upper

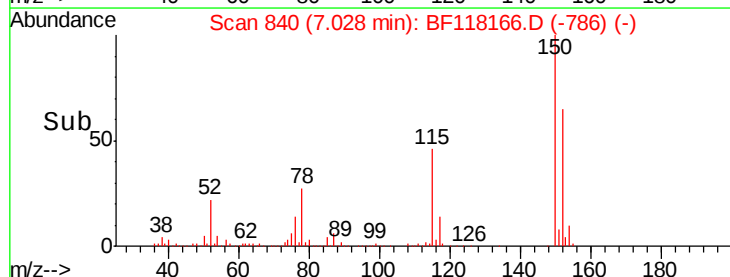
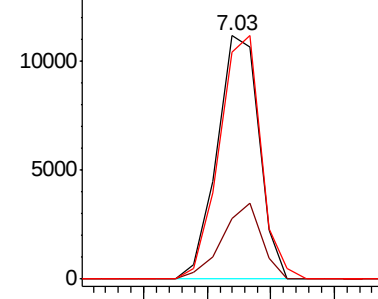
79 100

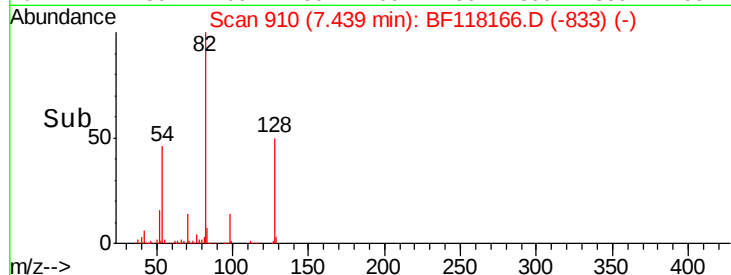
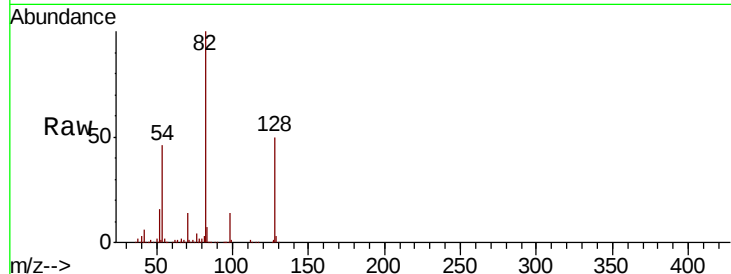
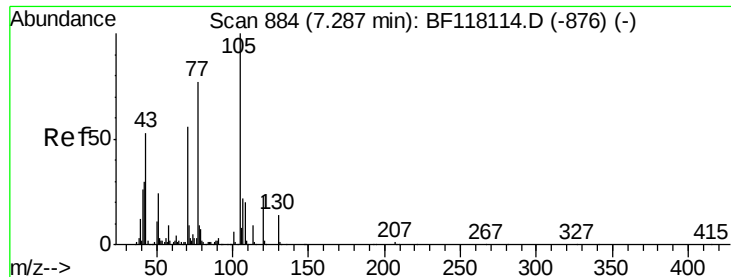
108 24.9 62.7 94.1#

77 93.5 51.4 77.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

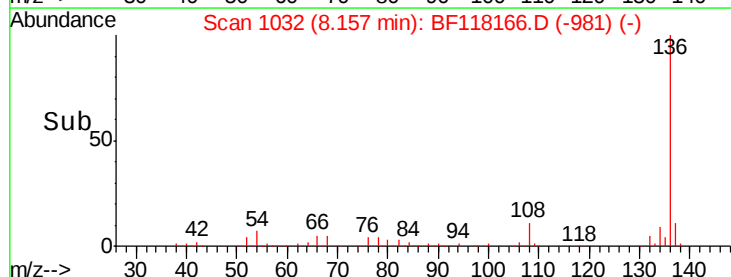
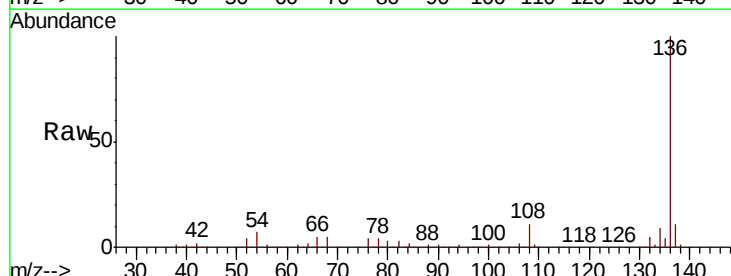
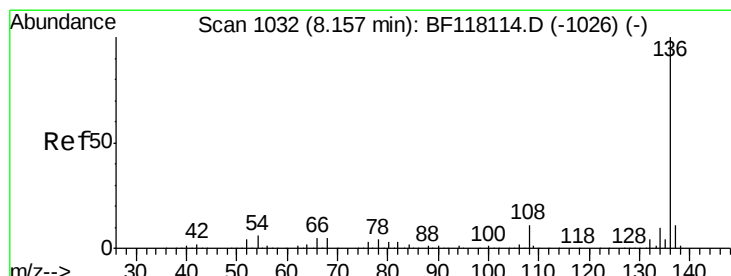
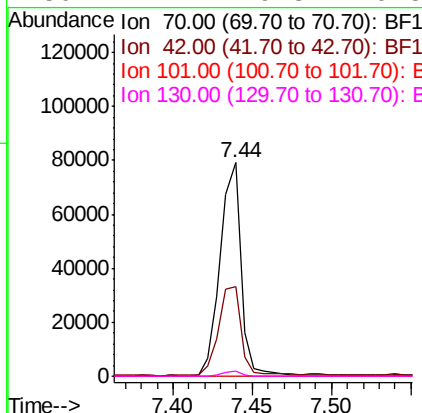




#19
n-Nitroso-di-n-propylamine
Concen: 20.009 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

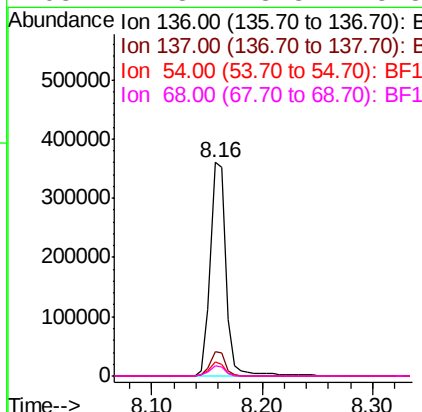
Instrument :
BNA_F
ClientSampleId :

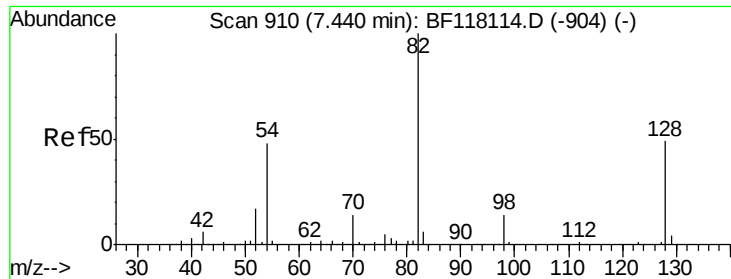
Tot Ion: 70 Resp: 73788
Ion Ratio Lower Upper
70 100
42 42.1 43.2 64.8#
101 0.0 8.1 12.1#
130 2.2 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion: 136 Resp: 349866
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 6.6 5.0 7.6
68 4.8 3.8 5.8

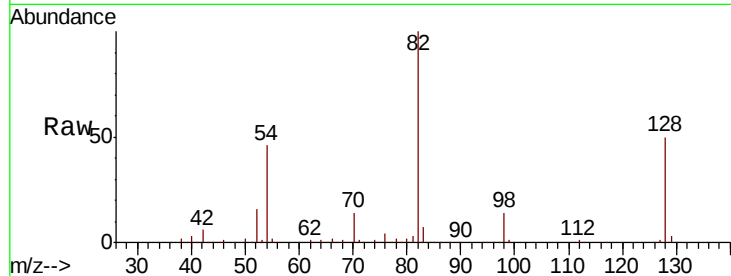




#23
Nitrobenzene-d5
Concen: 85.531 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	39.1	58.7
54	46.2	38.2	57.2

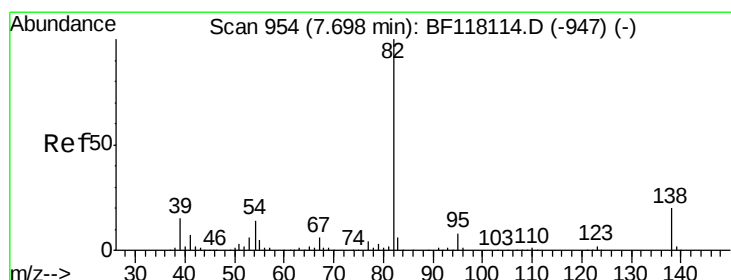
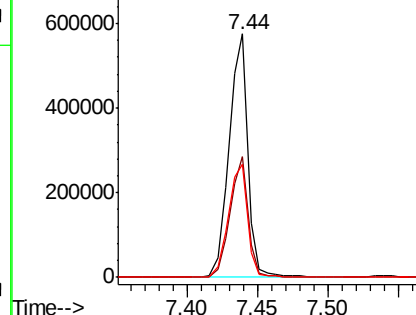
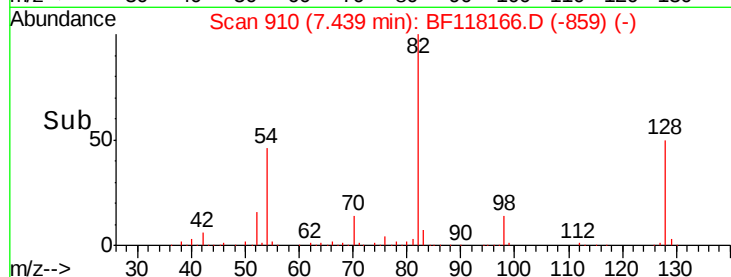


Abundance

Ion 82.00 (81.70 to 82.70): BF1

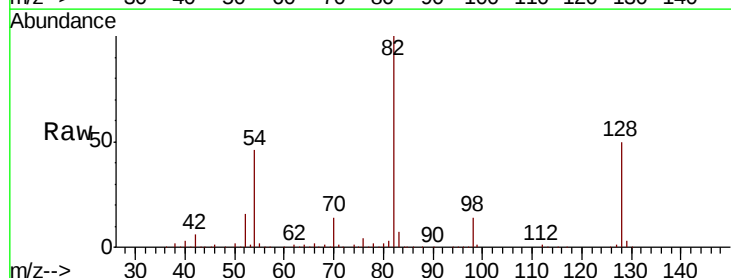
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25
Isophorone
Concen: 50.454 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.3	9.5#
138	0.0	16.3	24.5#

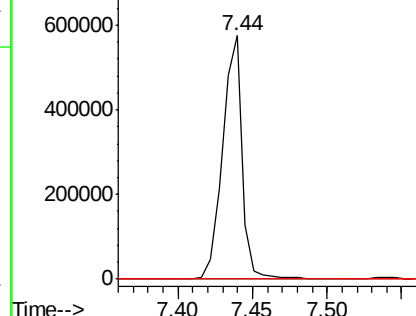
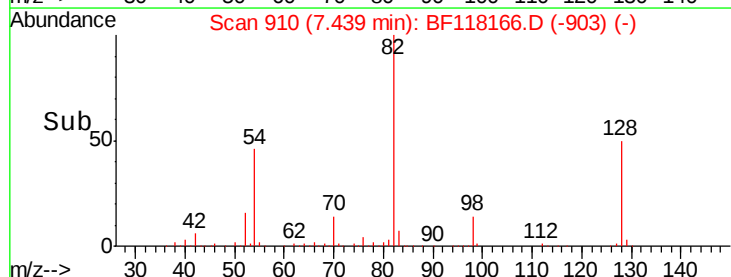


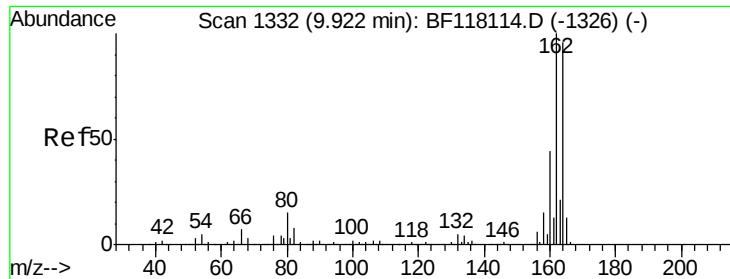
Abundance

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

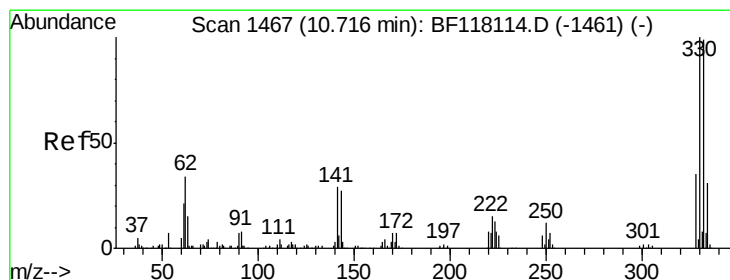
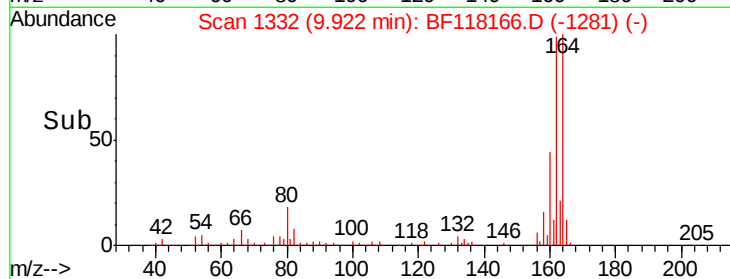
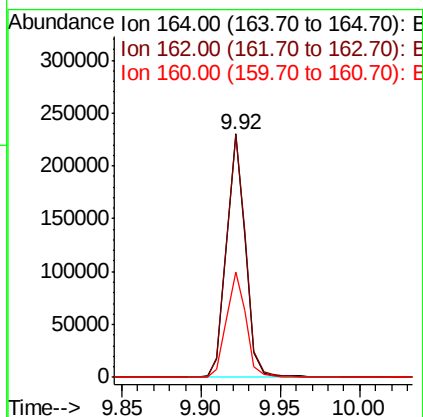
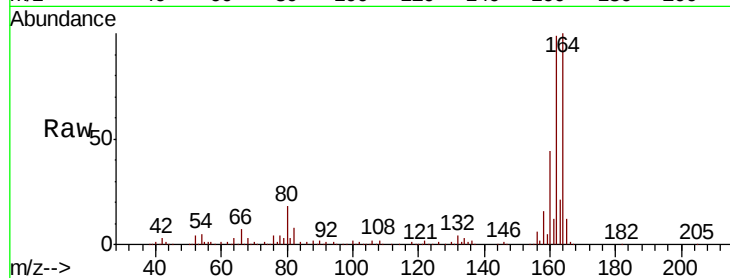




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

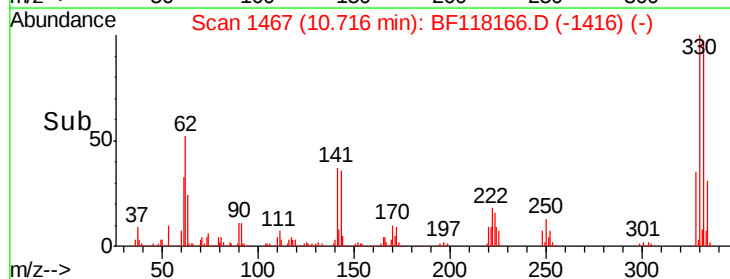
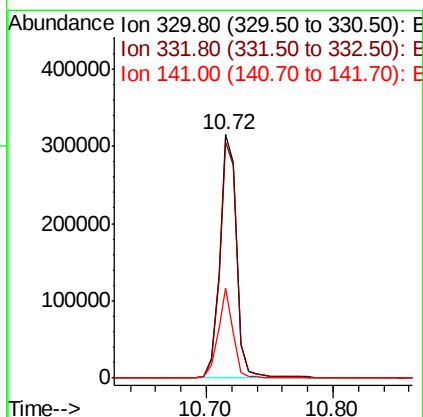
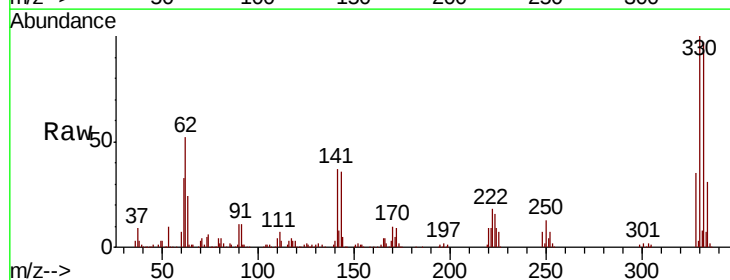
Instrument :
BNA_F
ClientSampleId :

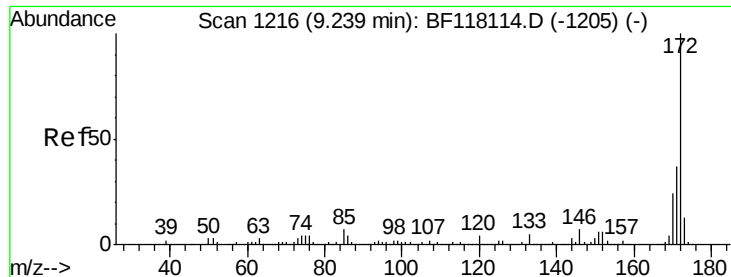
Tot Ion:164 Resp: 188757
Ion Ratio Lower Upper
164 100
162 99.5 83.4 125.0
160 43.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 128.378 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion:330 Resp: 294378
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 33.4 26.9 40.3

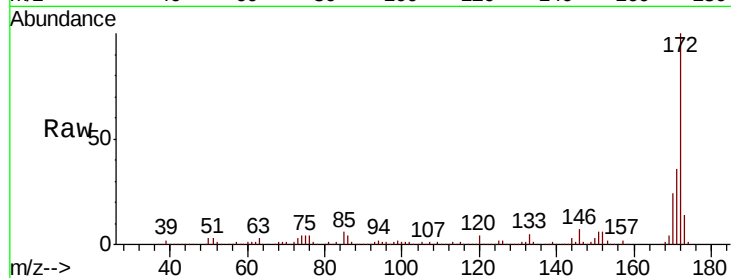




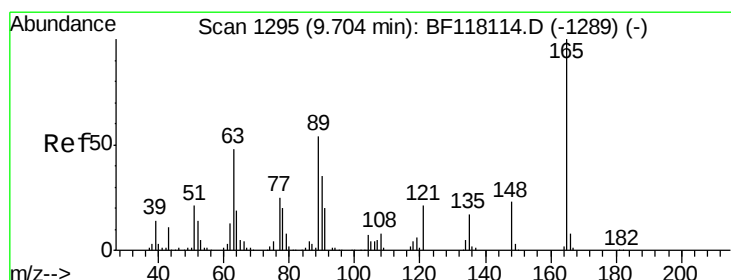
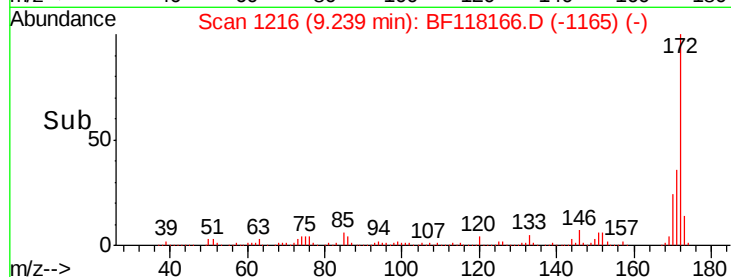
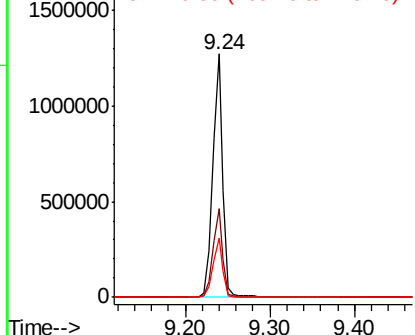
#45
2-Fluorobiphenyl
Concen: 87.362 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1083702
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.1 19.4 29.2

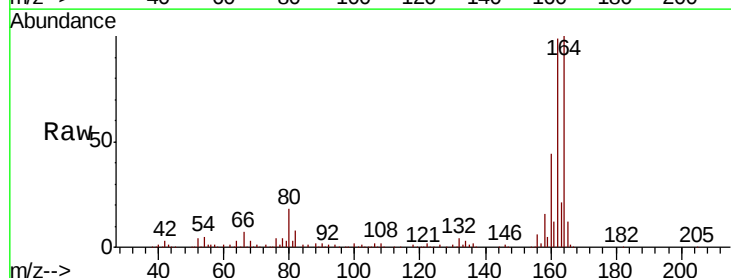


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

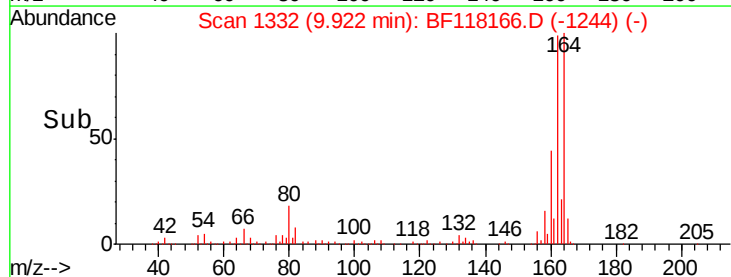
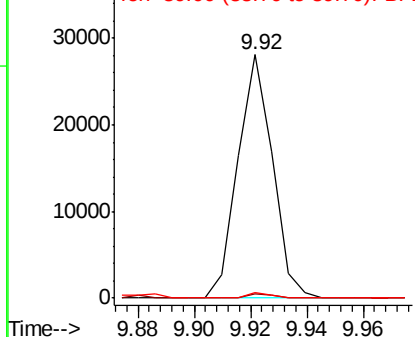


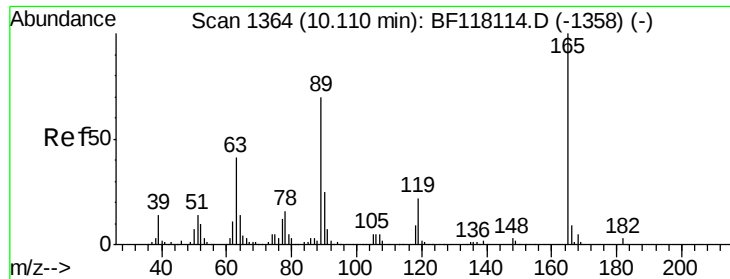
#51
2,6-Dinitrotoluene
Concen: 7.885 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion:165 Resp: 23905
Ion Ratio Lower Upper
165 100
63 1.7 41.4 62.0#
89 2.4 42.9 64.3#



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

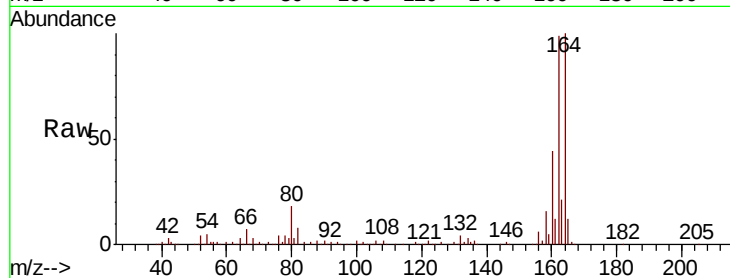




#57
 2,4-Dinitrotoluene
 Concen: 5.908 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF118166.D
 Acq: 10 Dec 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.6	49.0#
89	2.4	56.1	84.1#
182	1.3	2.1	3.1#



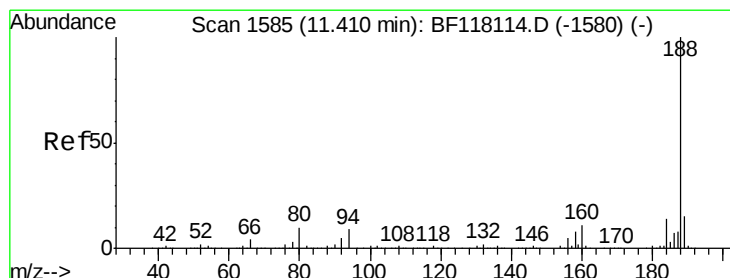
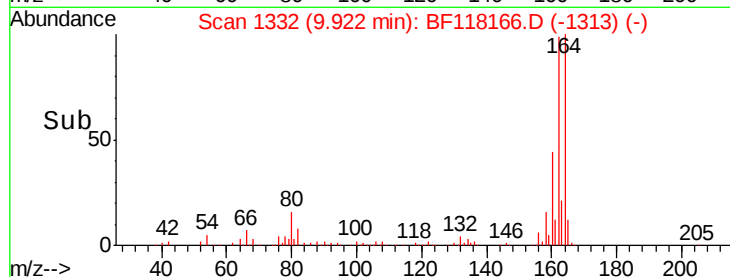
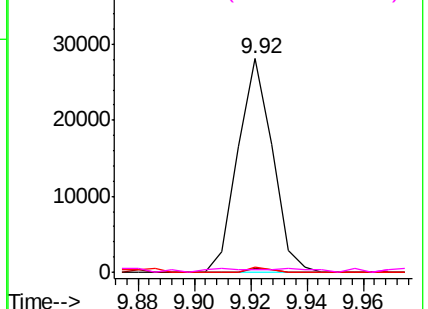
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

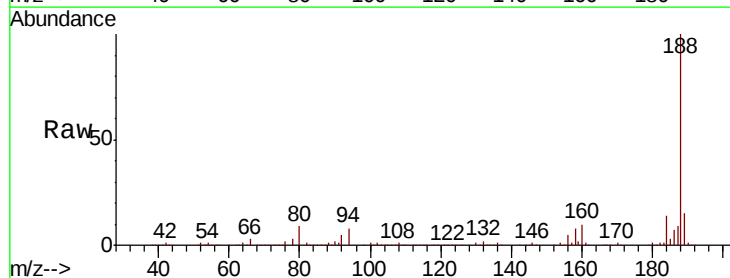
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF118166.D
 Acq: 10 Dec 2019 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.8	7.9	11.9

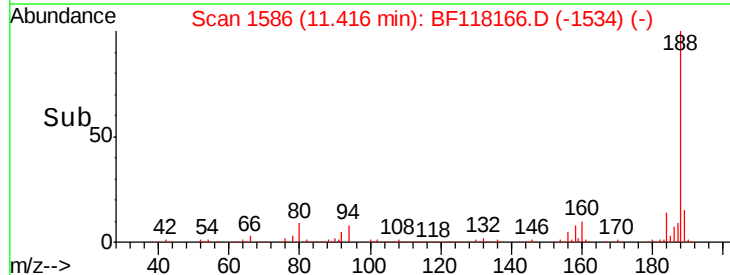
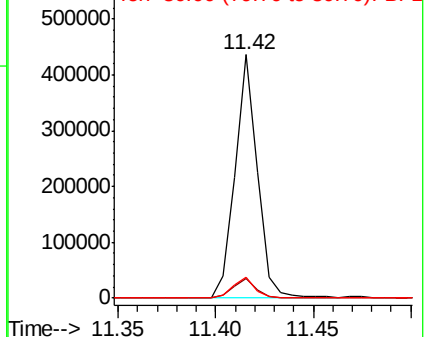


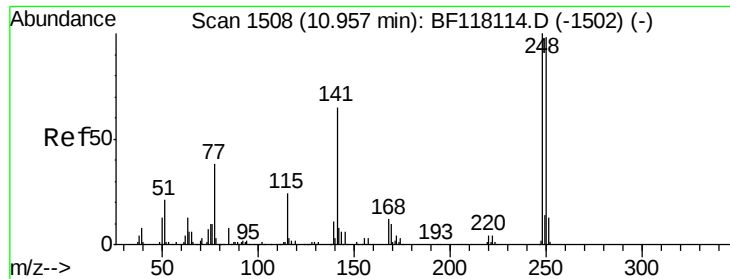
Abundance

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

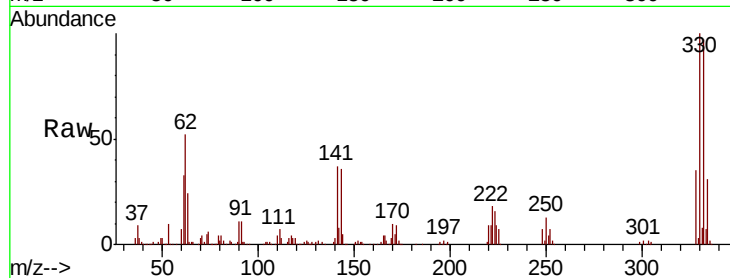




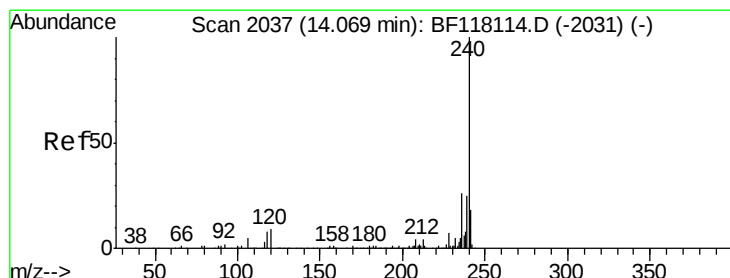
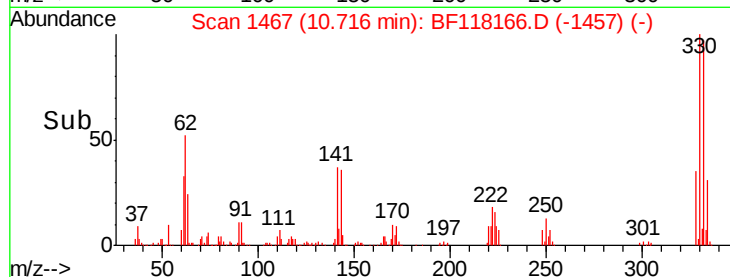
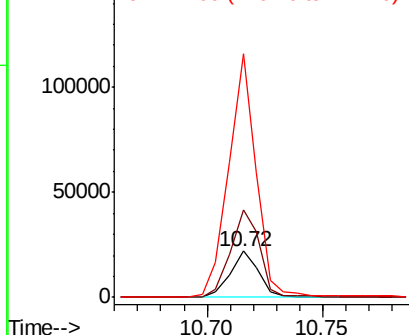
#67
4-Bromophenyl-phenylether
Concen: 4.741 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18678
Ion Ratio Lower Upper
248 100
250 189.5 78.3 117.5#
141 530.7 52.2 78.4#

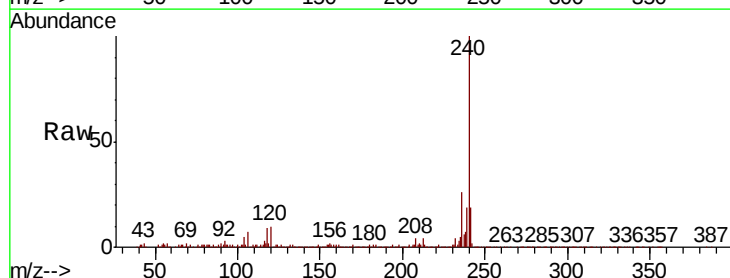


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

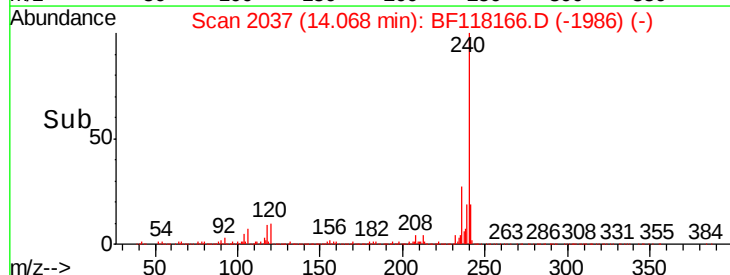
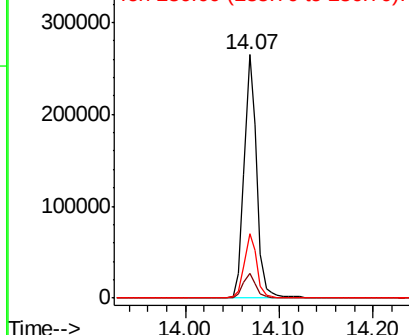


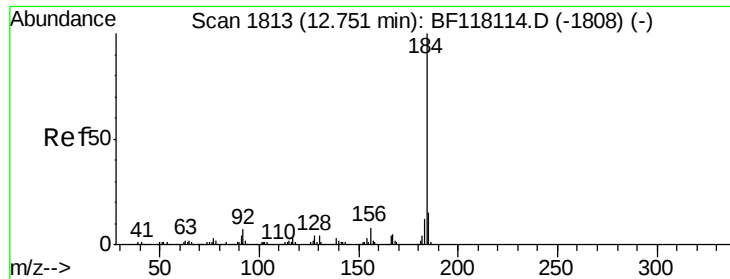
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion:240 Resp: 246383
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 26.5 21.0 31.6



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

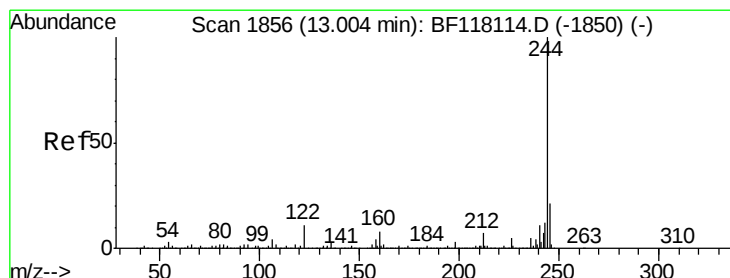
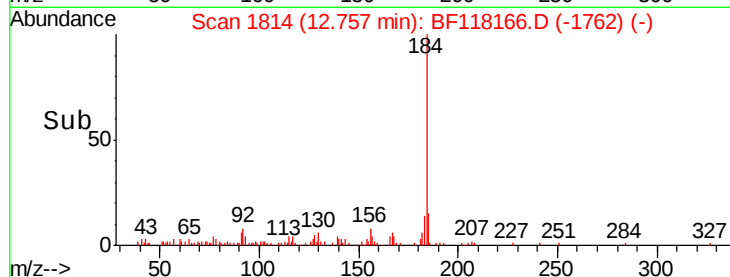
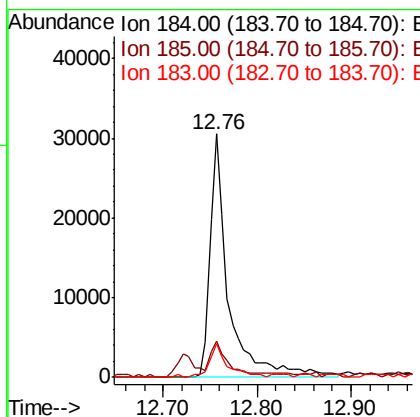
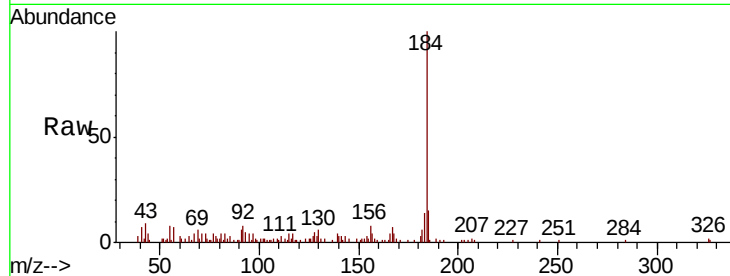




#77
Benzidine
Concen: 6.527 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

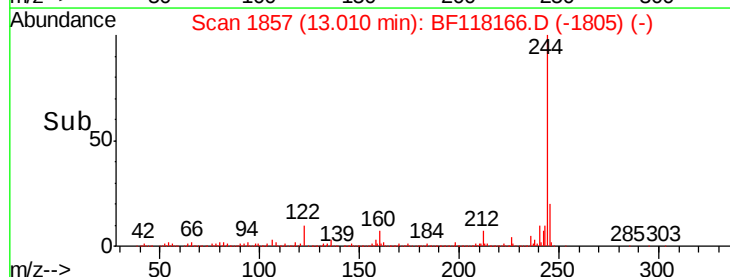
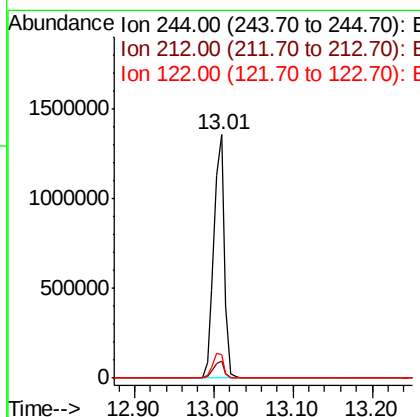
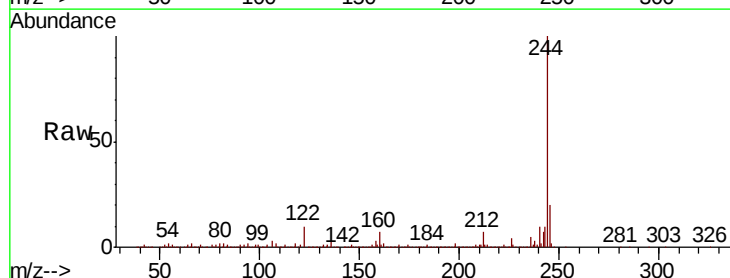
Instrument :
BNA_F
ClientSampleId :

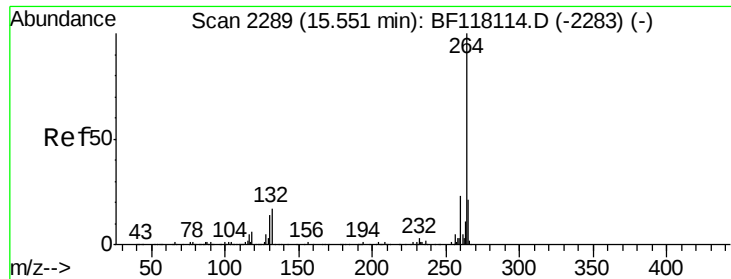
Tot Ion:184 Resp: 42333
Ion Ratio Lower Upper
184 100
185 15.0 12.3 18.5
183 13.7 9.9 14.9



#79
Terphenyl-d14
Concen: 87.050 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Tgt Ion:244 Resp: 1247226
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.8 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.02 min
Lab File: BF118166.D
Acq: 10 Dec 2019 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	21.2	16.8	25.2

