

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117836.D
 Acq On : 18 Nov 2019 15:40
 Operator : JU
 Sample : K5861-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 16:08:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	270435	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1056791	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	570239	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1070666	20.00	ng	0.00
76) Chrysene-d12	14.11	240	718001	20.00	ng	0.00
87) Perylene-d12	15.62	264	754543	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1694535	110.91	ng	0.00
7) Phenol-d6	6.54	99	2131980	115.69	ng	0.00
23) Nitrobenzene-d5	7.48	82	1317507	74.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	703945	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2417882	76.07	ng	0.00
79) Terphenyl-d14	13.05	244	2661052	67.73	ng	0.00

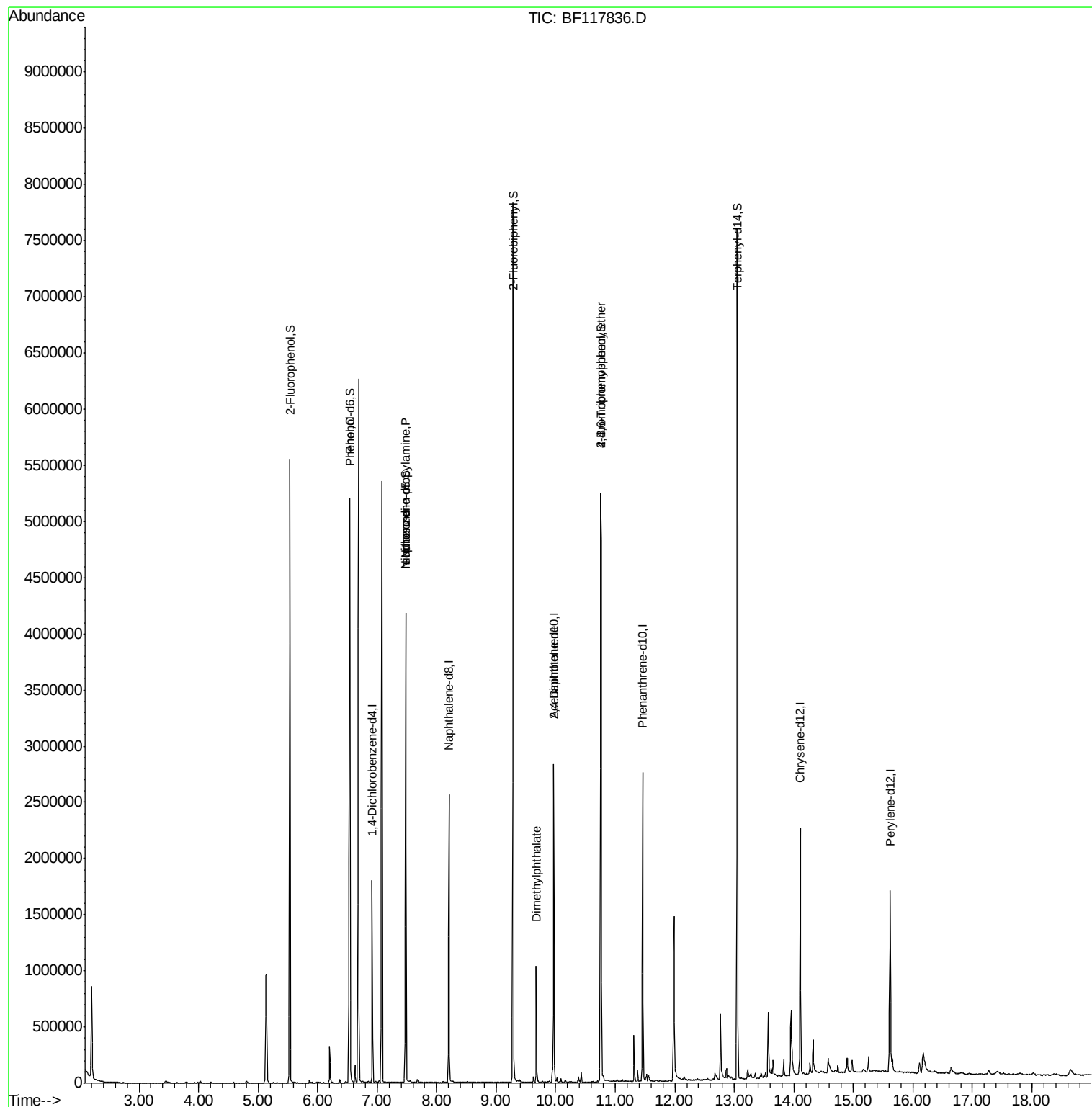
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	4382	Below Cal		# 1
10) Phenol	6.55	94	64575	3.372	ng	98
19) n-Nitroso-di-n-propylamine	7.48	70	181177	15.937	ng	# 77
25) Isophorone	7.48	82	1314841	40.353	ng	# 62
50) Dimethylphthalate	9.67	163	372821	9.323	ng	99
57) 2,4-Dinitrotoluene	9.97	165	73489	6.610	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	45664	3.953	ng	# 1
75) Fluoranthene	12.67	202	12358	Below Cal		98

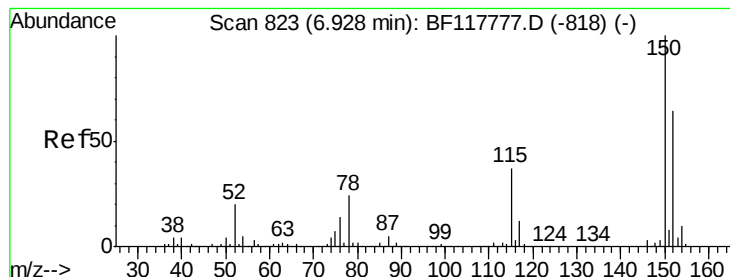
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117836.D
Acq On : 18 Nov 2019 15:40
Operator : JU
Sample : K5861-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 16:08:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



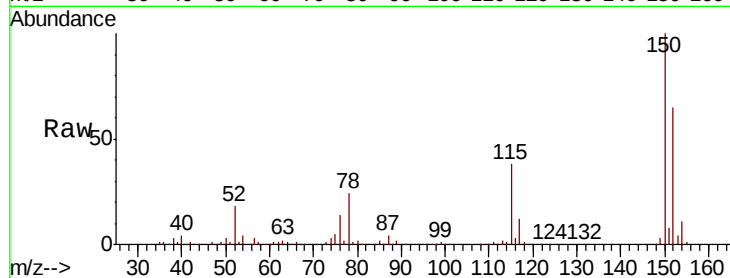


#1

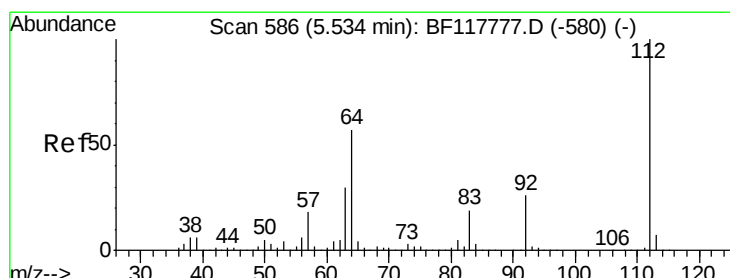
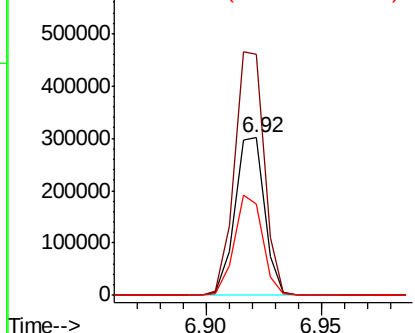
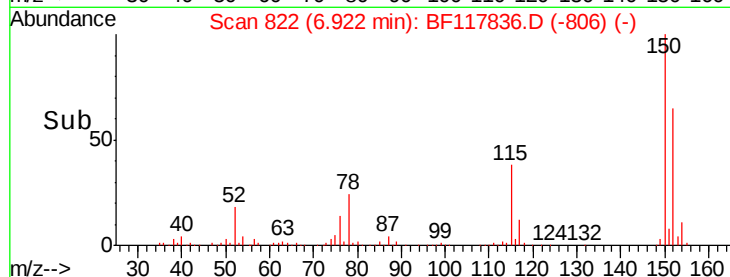
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 270435
Ion Ratio Lower Upper
152 100
150 152.8 125.3 187.9
115 57.5 47.0 70.4



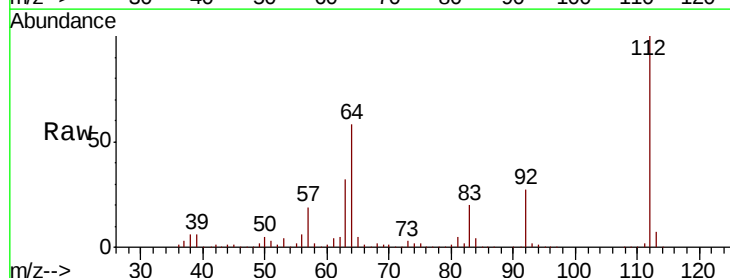
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



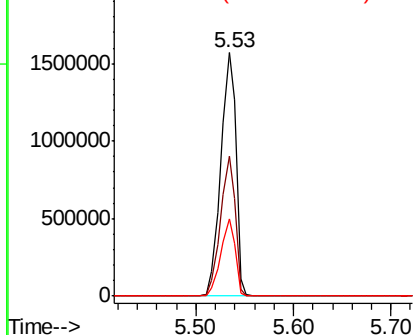
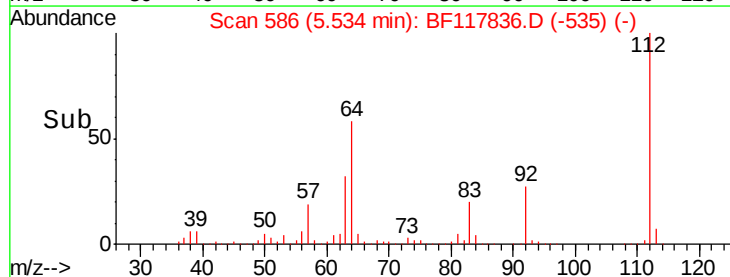
#5

2-Fluorophenol
Concen: 110.914 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion:112 Resp: 1694535
Ion Ratio Lower Upper
112 100
64 57.7 45.6 68.4
63 31.6 24.1 36.1



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: 115.695 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

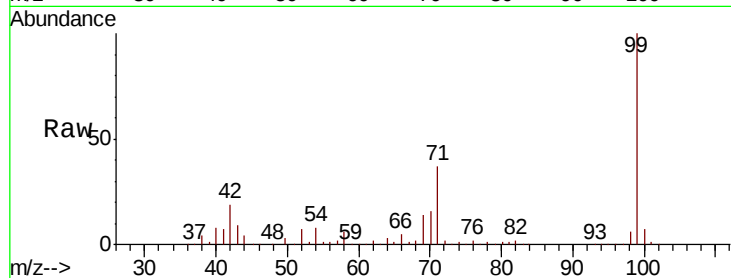
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2131980

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	37.1	28.6	43.0

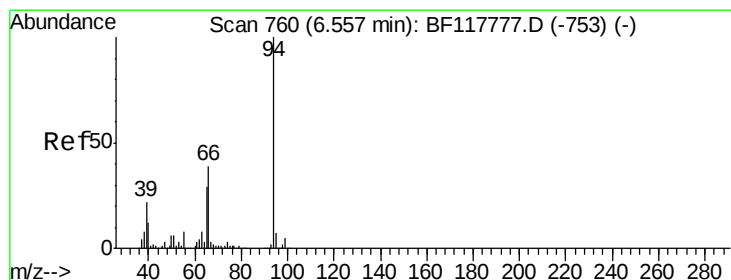
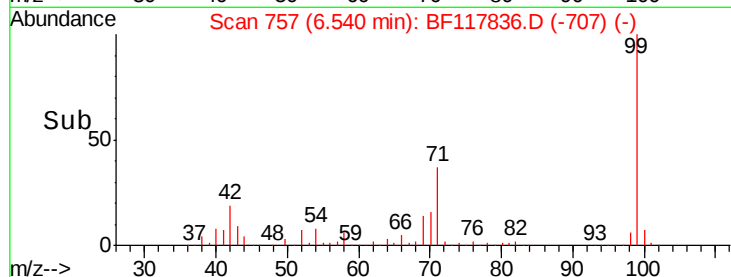
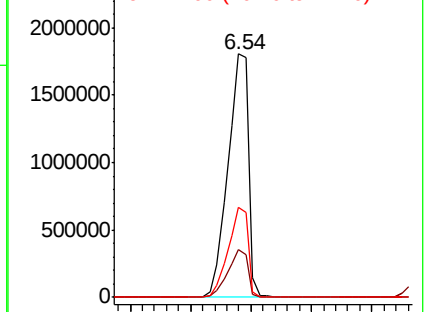


Abundance

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



#10

Phenol

Concen: 3.372 ng

RT: 6.55 min Scan# 759

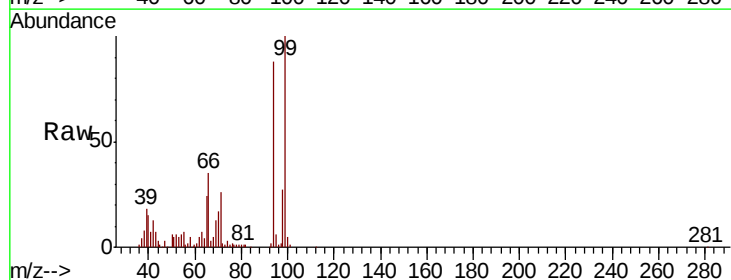
Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Tgt Ion: 94 Resp: 64575

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.9	48.9
66	40.3	18.7	58.7

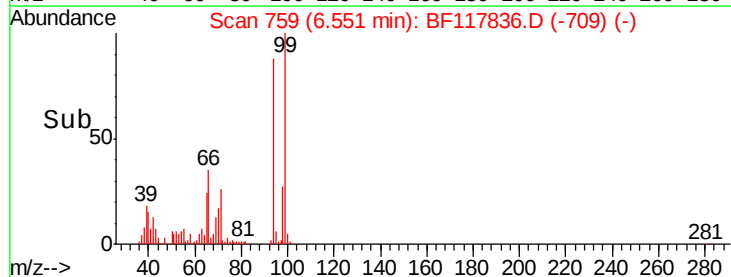
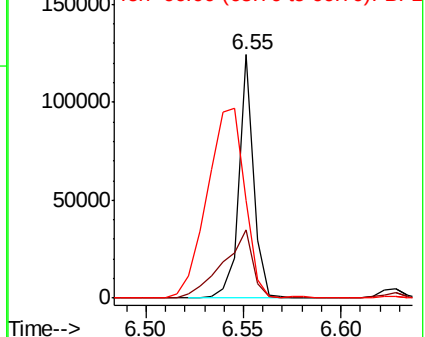


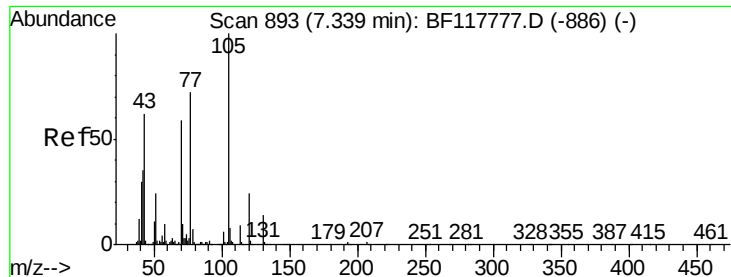
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

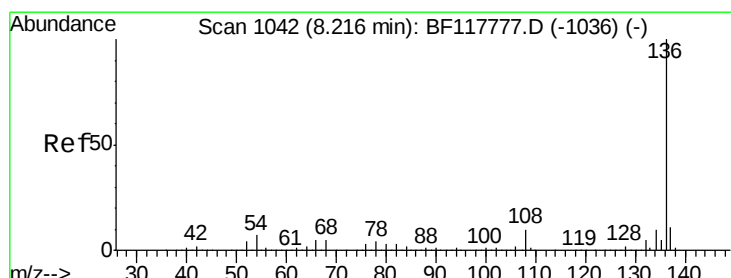
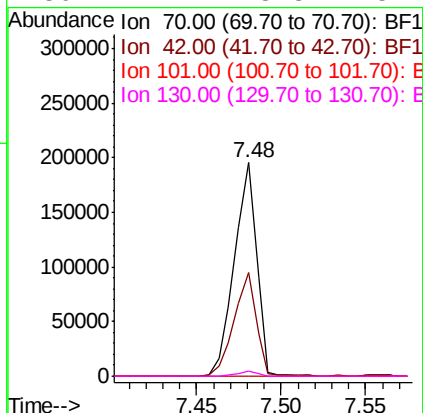
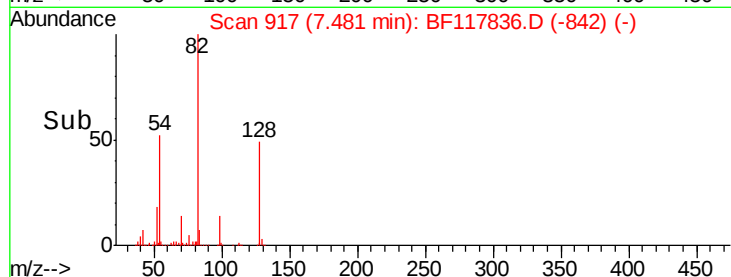
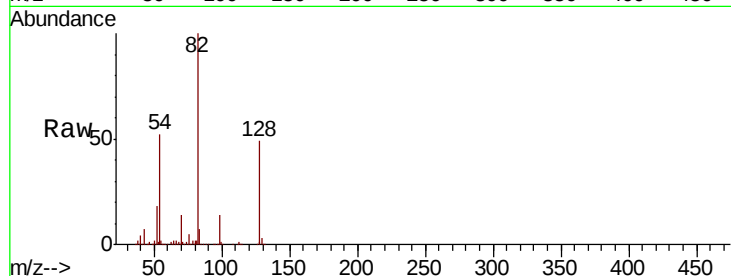




#19
n-Nitroso-di-n-propylamine
Concen: 15.937 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

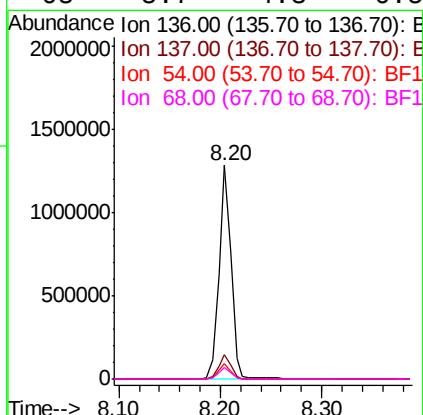
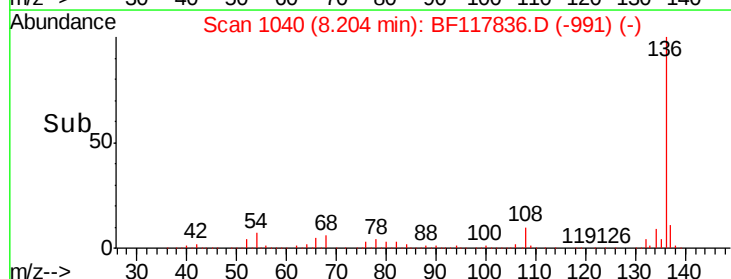
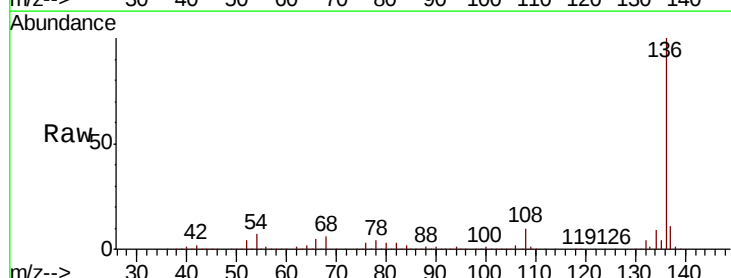
Instrument :
BNA_F
ClientSampleId :

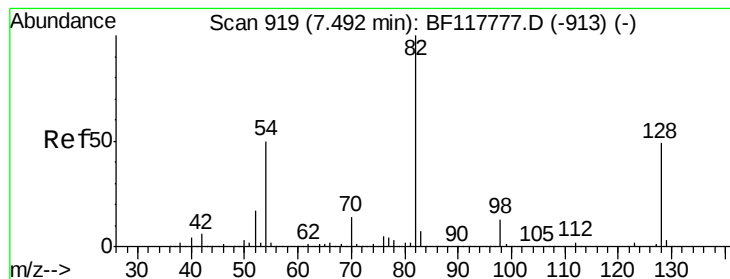
Tot Ion: 70 Resp: 181177
Ion Ratio Lower Upper
70 100
42 48.4 47.4 71.2
101 0.0 8.4 12.6#
130 2.4 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion: 136 Resp: 1056791
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.3 5.4 8.2
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 74.112 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

Instrument :

BNA_F

ClientSampled :

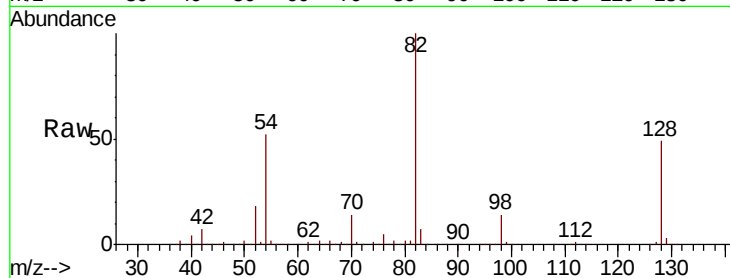
Tot Ion: 82 Resp: 1317507

Ion Ratio Lower Upper

82 100

128 49.1 38.9 58.3

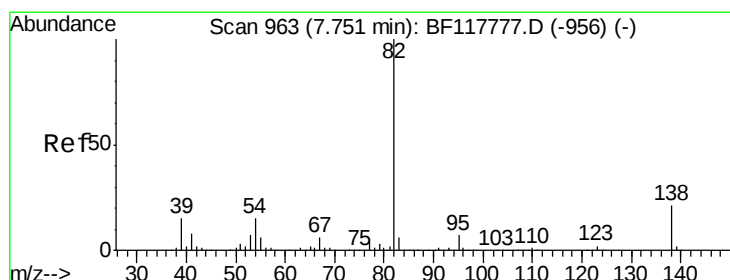
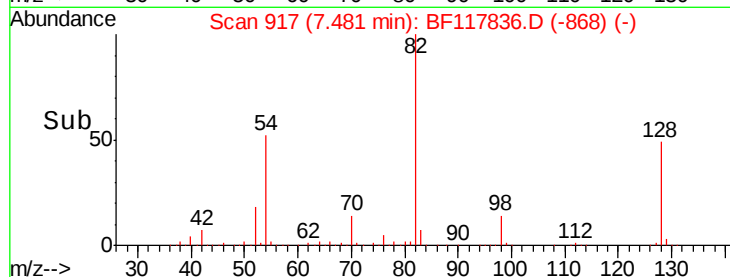
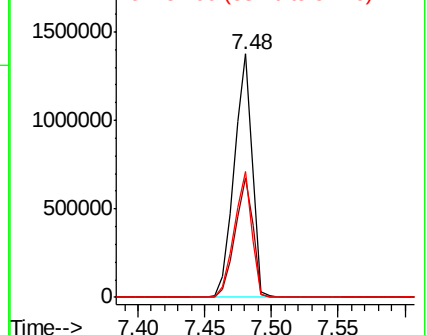
54 51.8 39.8 59.6



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: 40.353 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117836.D

Acq: 18 Nov 2019 15:40

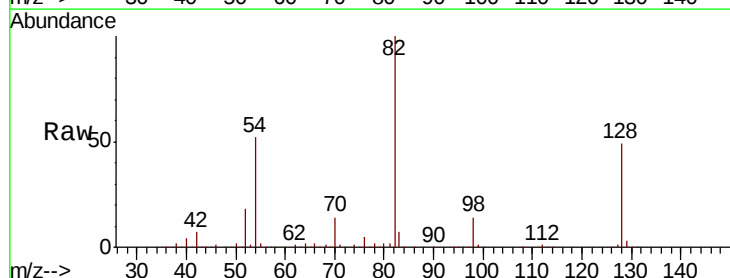
Tgt Ion: 82 Resp: 1314841

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

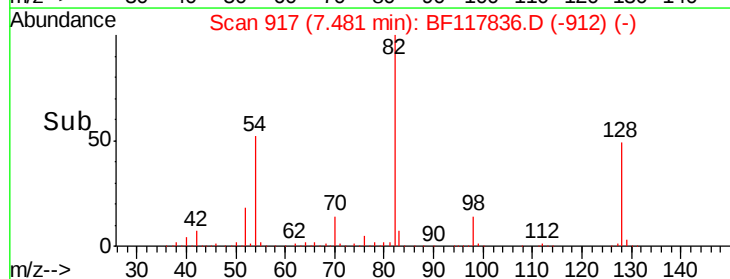
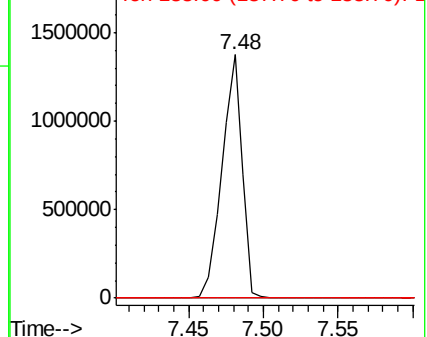
138 0.0 16.5 24.7#

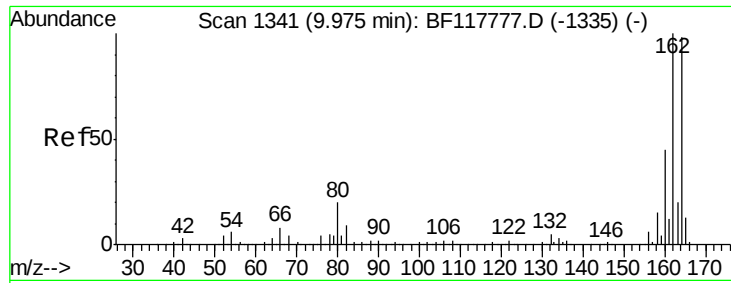


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

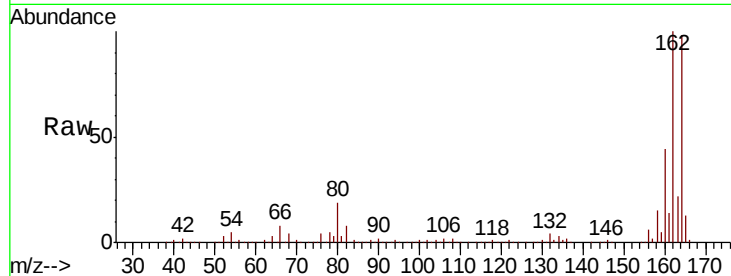




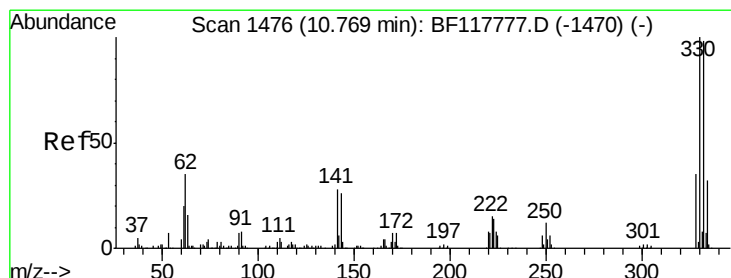
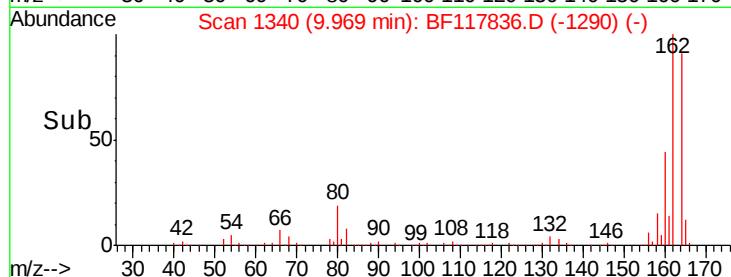
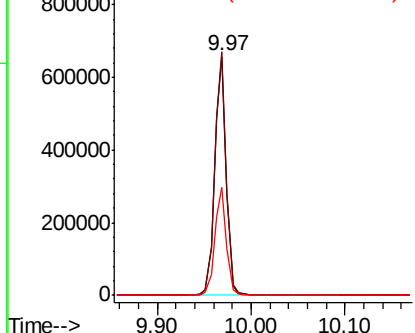
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 570239
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.1 36.6 55.0

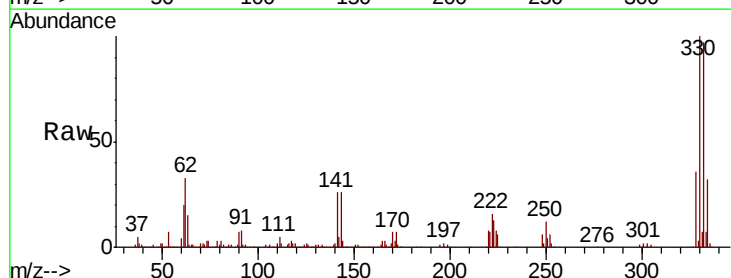


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

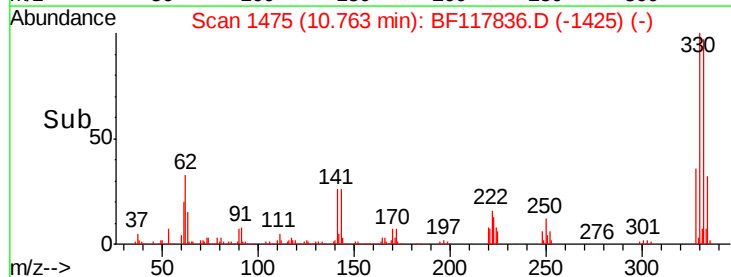
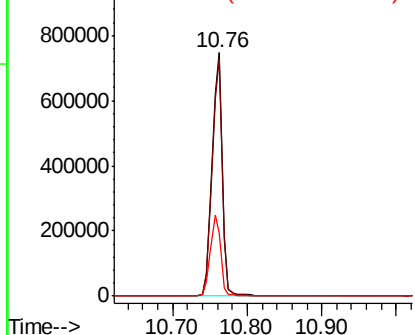


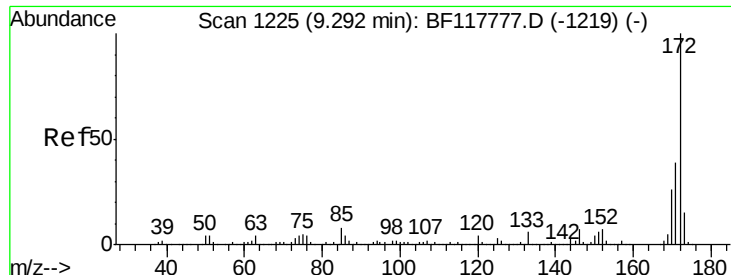
#42
2,4,6-Tribromophenol
Concen: 116.604 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion:330 Resp: 703945
Ion Ratio Lower Upper
330 100
332 96.3 76.7 115.1
141 33.8 27.7 41.5



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

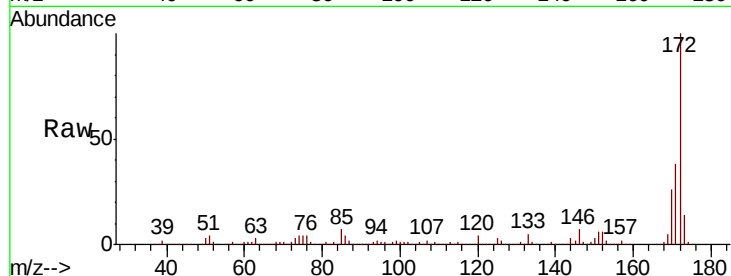




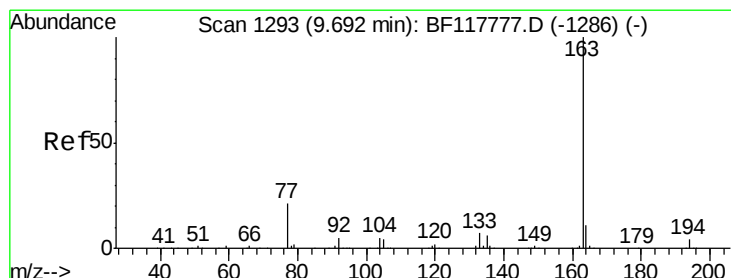
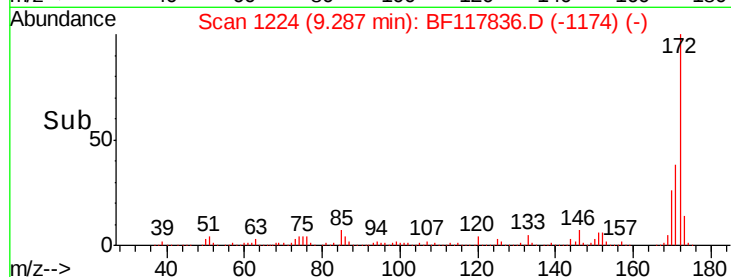
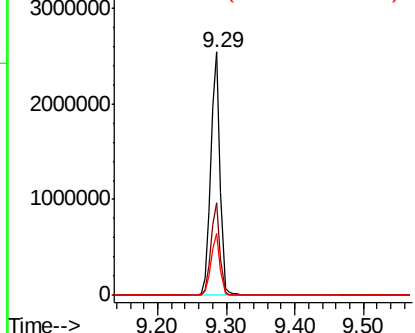
#45
2-Fluorobiphenyl
Concen: 76.069 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2417882
Ion Ratio Lower Upper
172 100
171 38.2 30.9 46.3
170 25.6 21.0 31.4

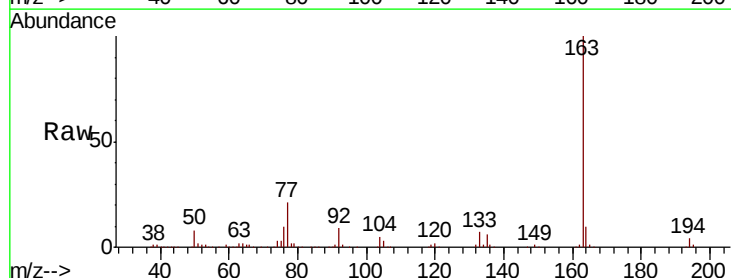


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

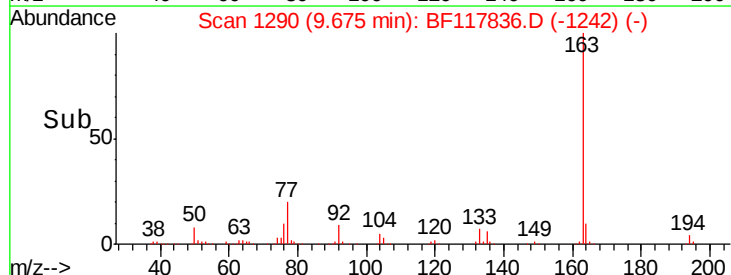
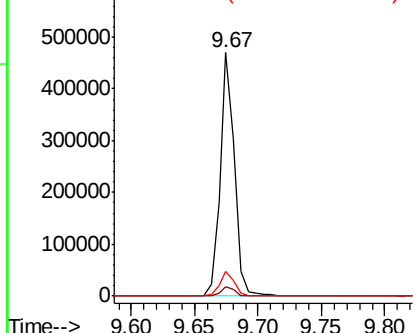


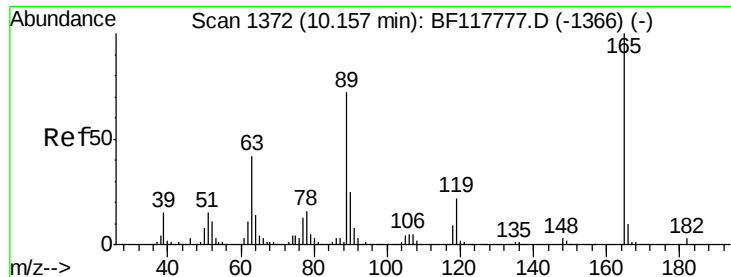
#50
Dimethylphthalate
Concen: 9.323 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion:163 Resp: 372821
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.4 8.7 13.1



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

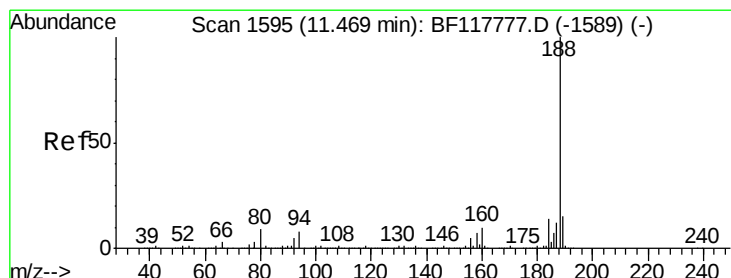
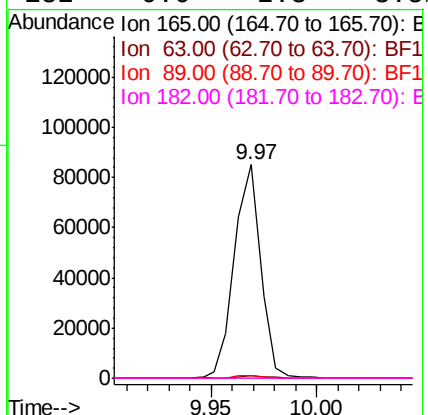
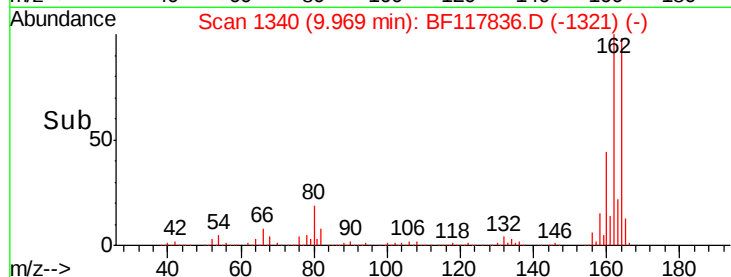
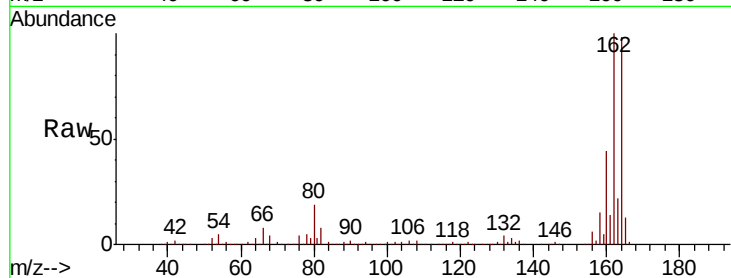




#57
 2,4-Dinitrotoluene
 Concen: 6.610 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

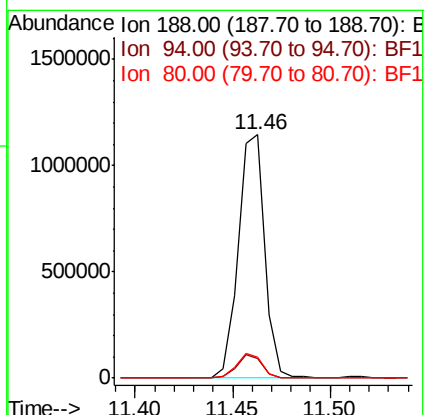
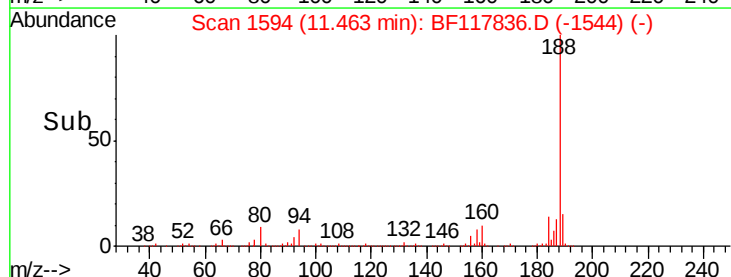
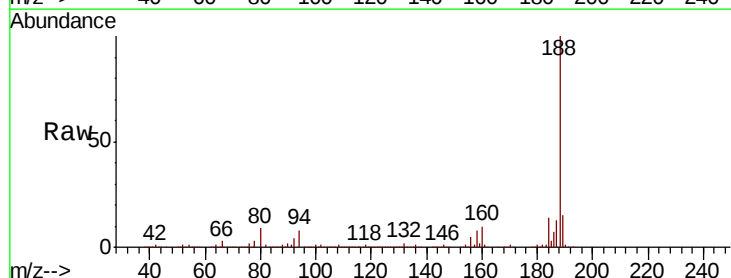
Instrument :
 BNA_F
 ClientSampleId :

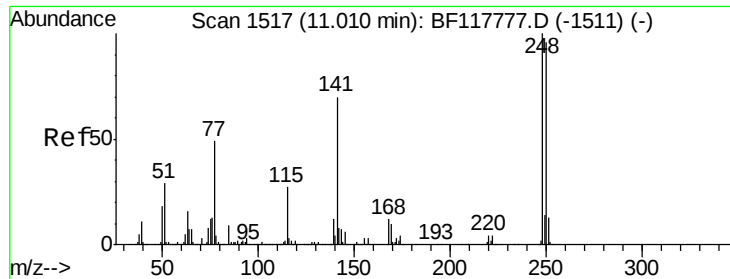
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.6	7.2	10.8

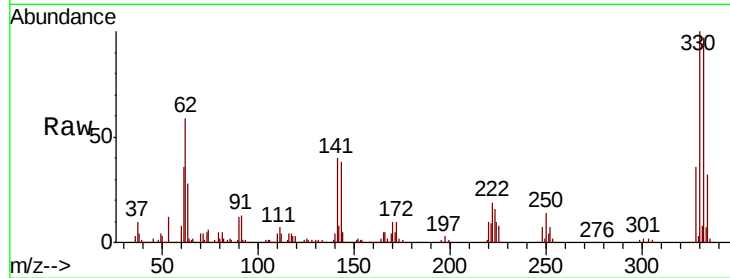




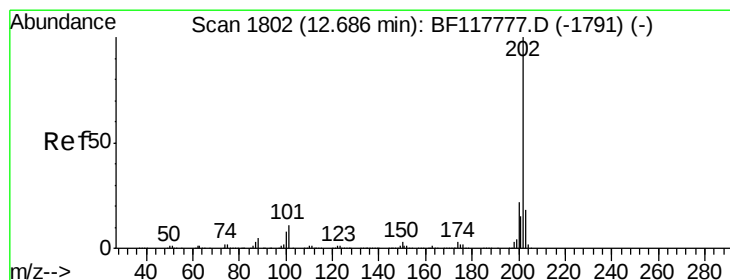
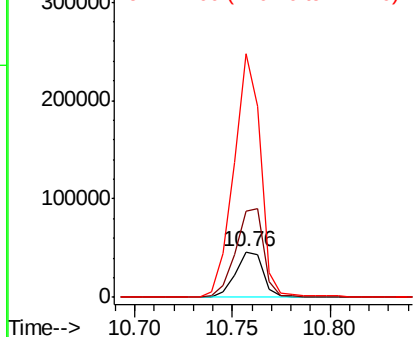
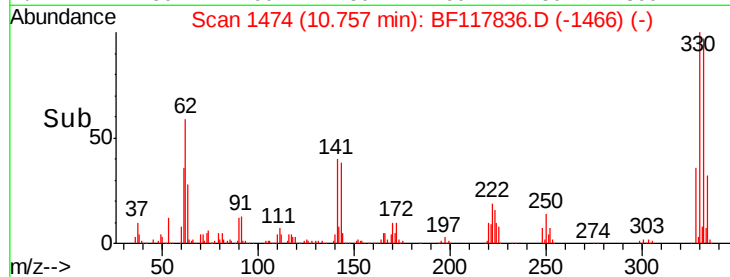
#67
4-Bromophenyl-phenylether
Concen: 3.953 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 45664
Ion Ratio Lower Upper
248 100
250 189.9 76.6 115.0#
141 538.0 55.9 83.9#

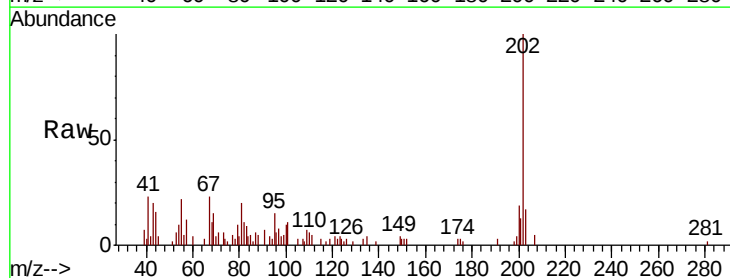


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

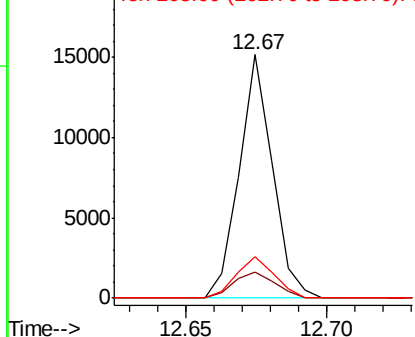
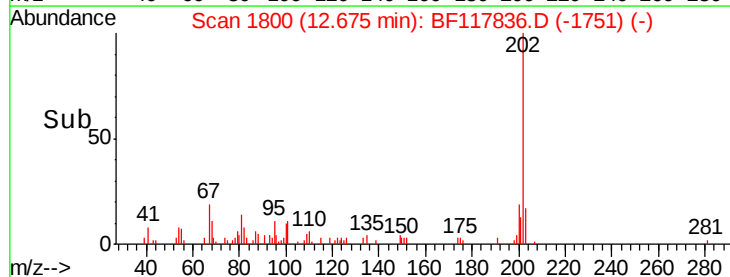


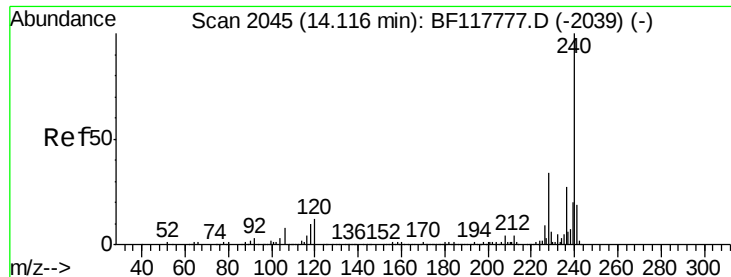
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117836.D
Acq: 18 Nov 2019 15:40

Tgt Ion:202 Resp: 12358
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 17.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

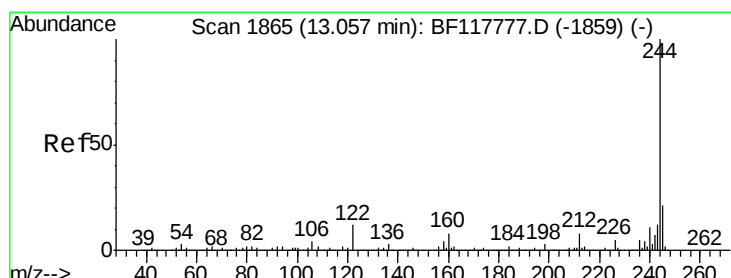
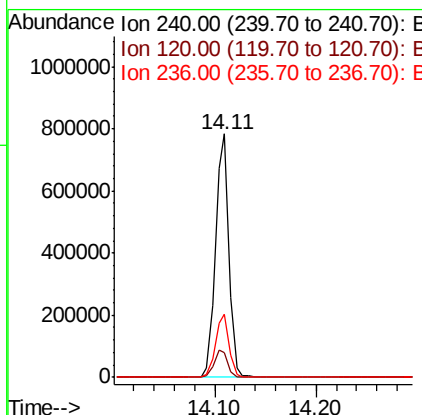
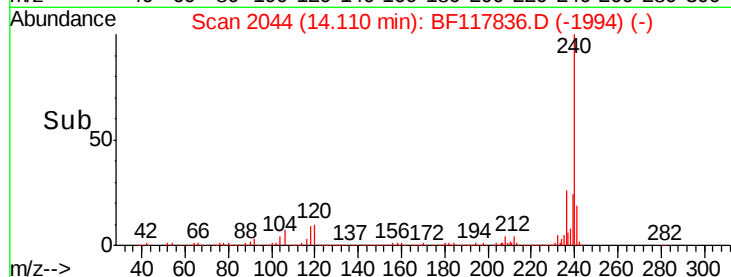
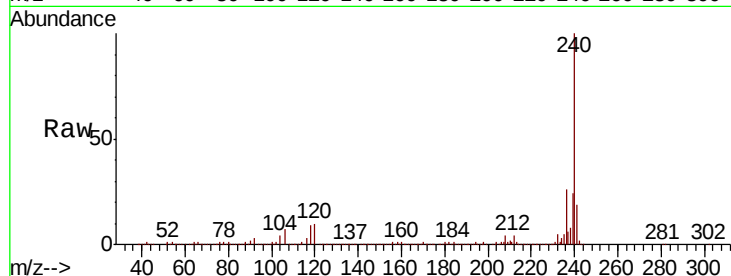




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

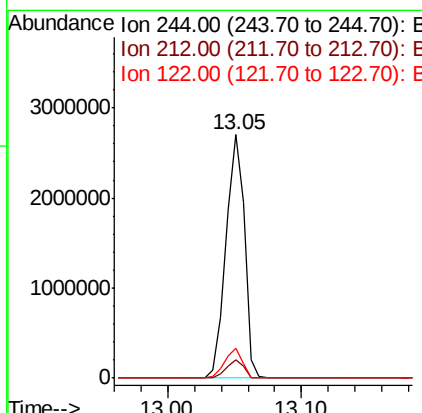
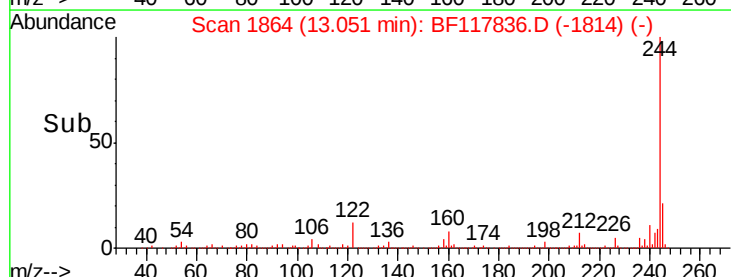
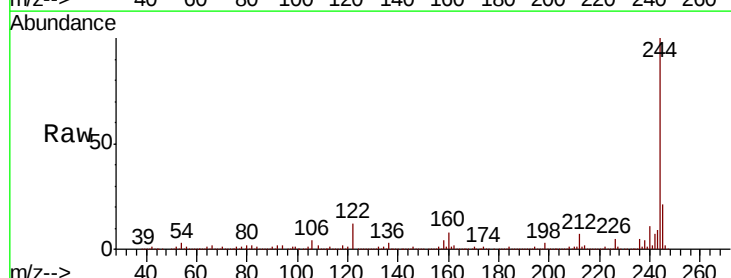
Instrument :
 BNA_F
 ClientSampleId :

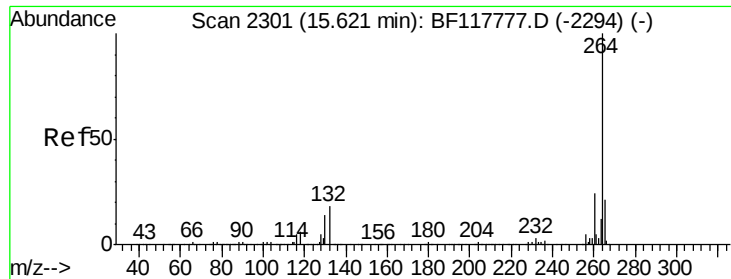
Tot Ion:240 Resp: 718001
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 26.2 21.3 31.9



#79
 Terphenyl-d14
 Concen: 67.735 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

Tgt Ion:244 Resp: 2661052
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.0 9.4 14.2

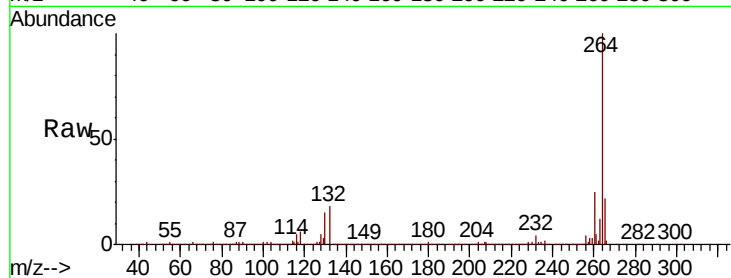




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117836.D
 Acq: 18 Nov 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	754543
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.2	17.1	25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 800000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

