

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117821.D
 Acq On : 15 Nov 2019 23:35
 Operator : JU
 Sample : K5861-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:43:24 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

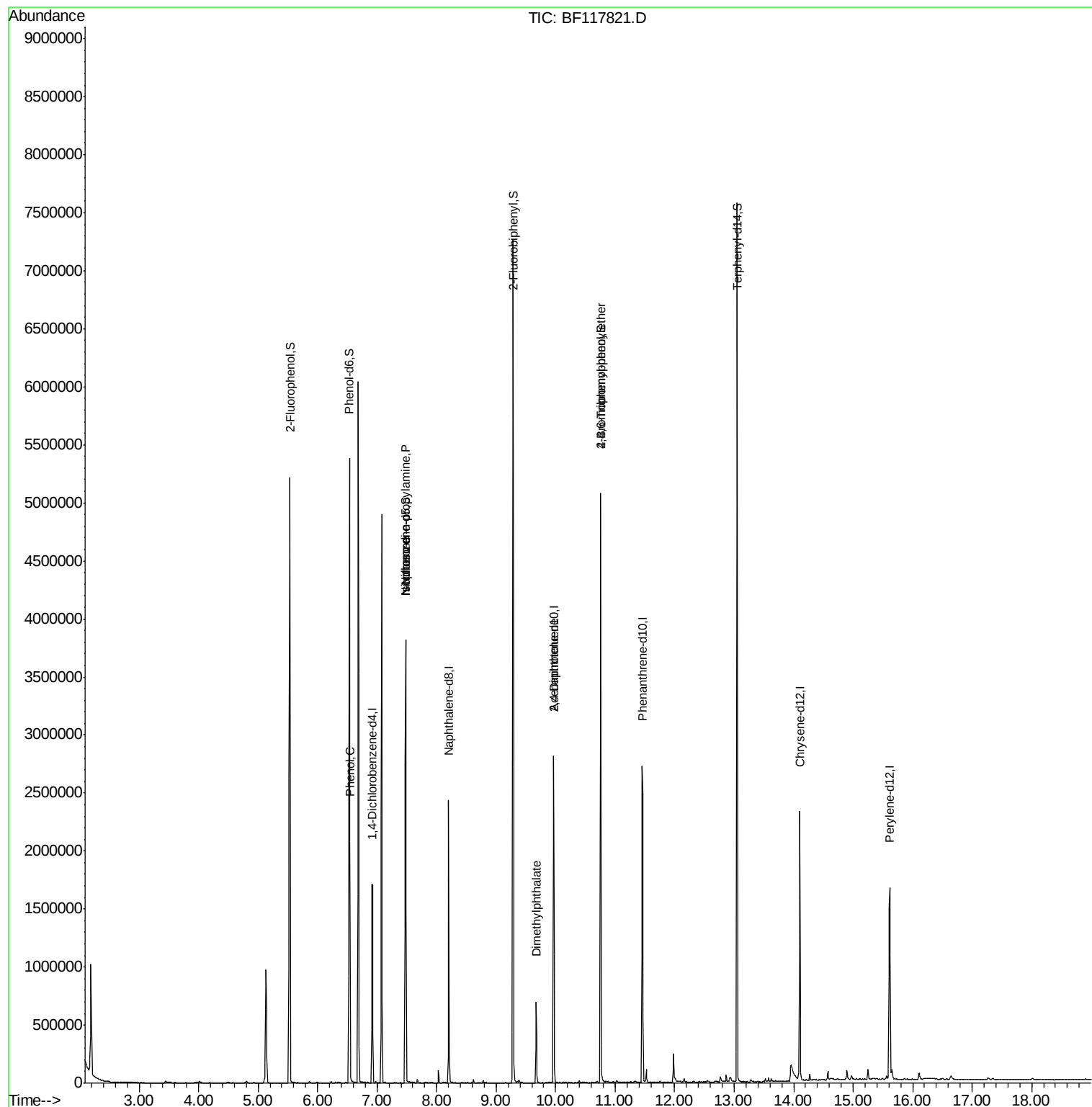
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	261305	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	1032646	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	547358	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1045985	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	773475	20.00	ng	-0.01
87) Perylene-d12	15.62	264	796438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1541944	104.45	ng	0.00
7) Phenol-d6	6.54	99	1914708	107.53	ng	0.00
23) Nitrobenzene-d5	7.48	82	1176407	67.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	591083	102.00	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2214800	72.59	ng	0.00
79) Terphenyl-d14	13.05	244	2642987	62.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	3654	Below Cal		Qvalue
10) Phenol	6.55	94	49152	2.657 ng	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	161785	14.728 ng	#	93
25) Isophorone	7.48	82	1176391	36.948 ng	#	75
50) Dimethylphthalate	9.67	163	250205	6.519 ng	#	62
57) 2,4-Dinitrotoluene	9.97	165	70719	6.627 ng	#	98
67) 4-Bromophenyl-phenylether	10.76	248	37929	3.361 ng	#	24
75) Fluoranthene	12.67	202	1904	Below Cal		# 1
						85

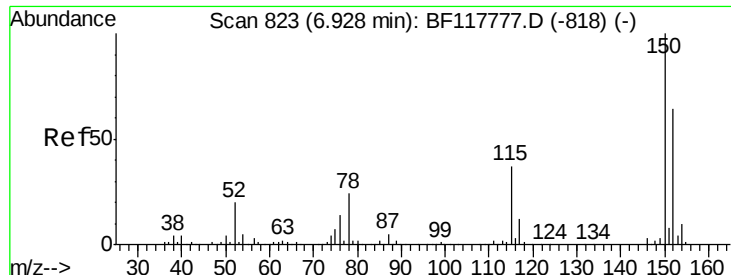
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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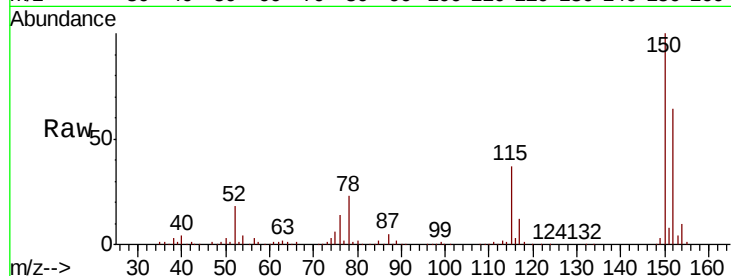




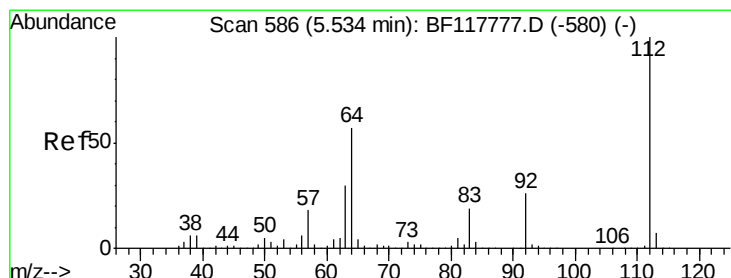
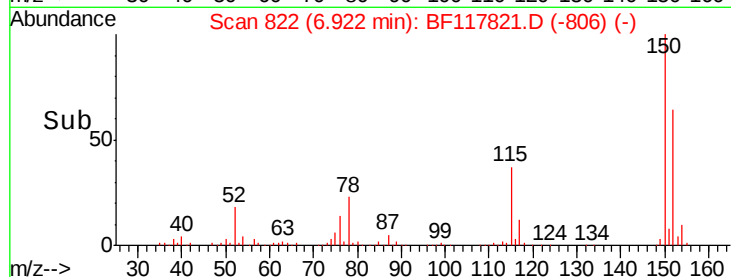
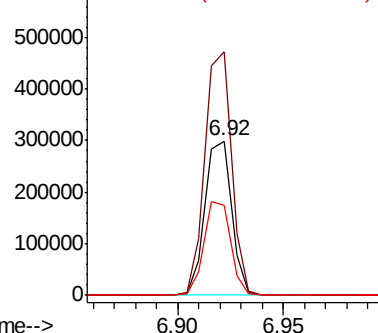
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF117821.D
 Acq: 15 Nov 2019 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 261305
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.3 187.9
 115 58.3 47.0 70.4

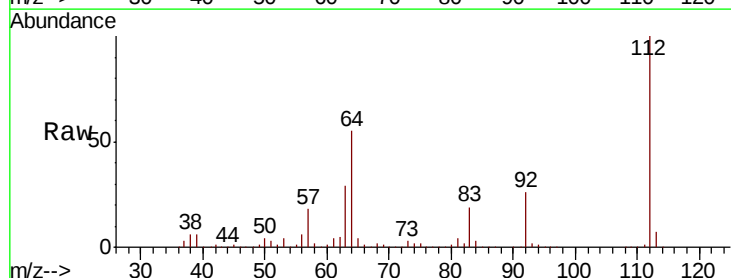


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

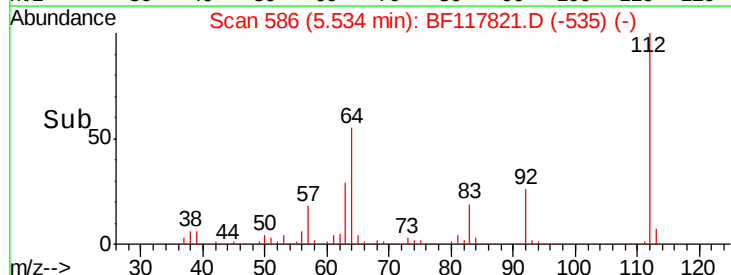
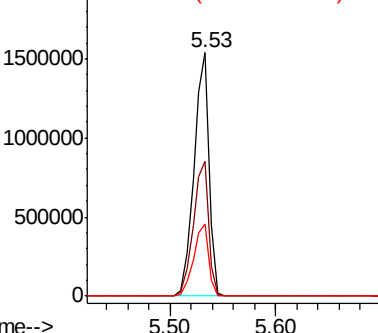


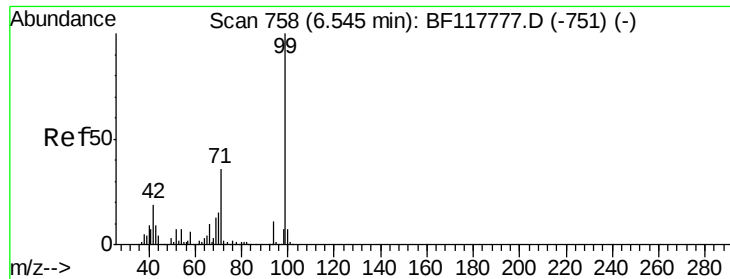
#5
 2-Fluorophenol
 Concen: 104.453 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF117821.D
 Acq: 15 Nov 2019 23:35

Tgt Ion:112 Resp: 1541944
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.6 68.4
 63 29.4 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: 107.535 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117821.D

Acq: 15 Nov 2019 23:35

Instrument :

BNA_F

ClientSampleId :

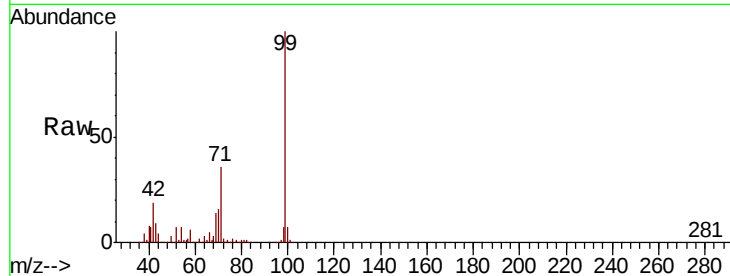
Tot Ion: 99 Resp: 1914708

Ion Ratio Lower Upper

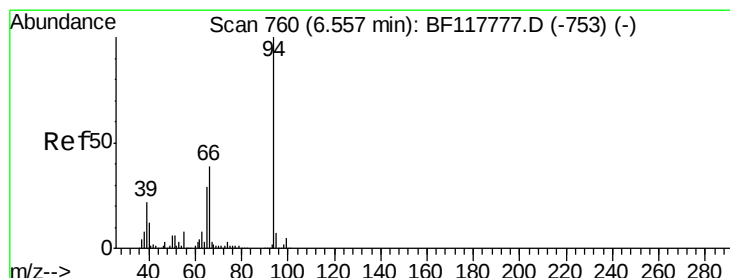
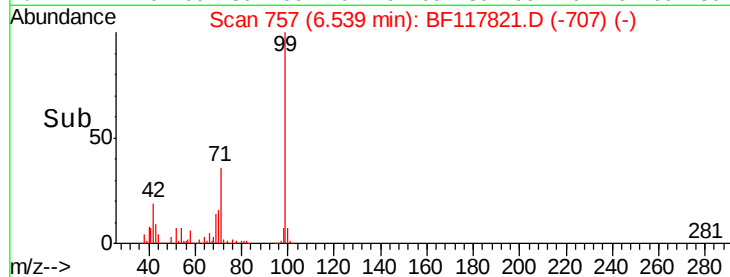
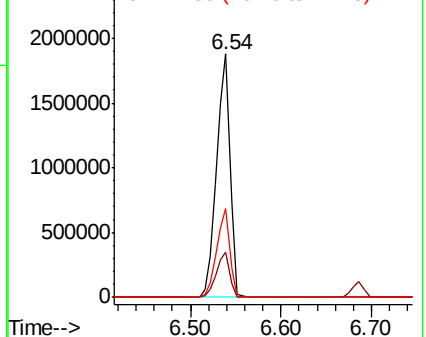
99 100

42 18.7 14.9 22.3

71 36.4 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: 2.657 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117821.D

Acq: 15 Nov 2019 23:35

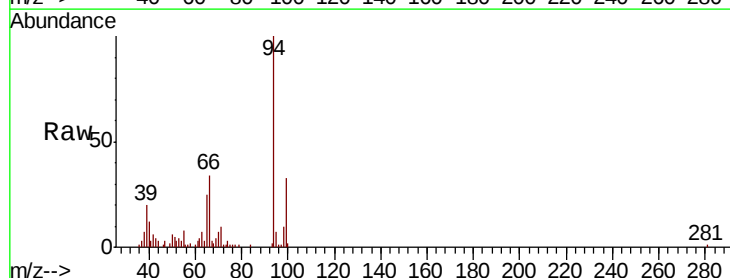
Tgt Ion: 94 Resp: 49152

Ion Ratio Lower Upper

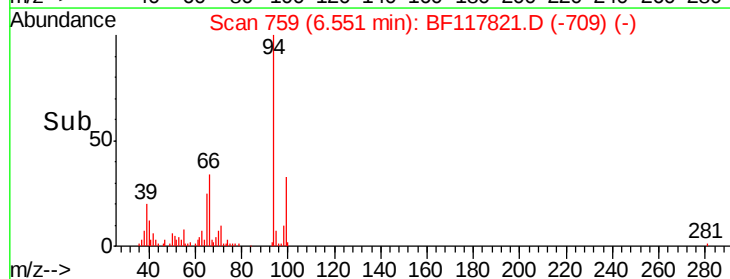
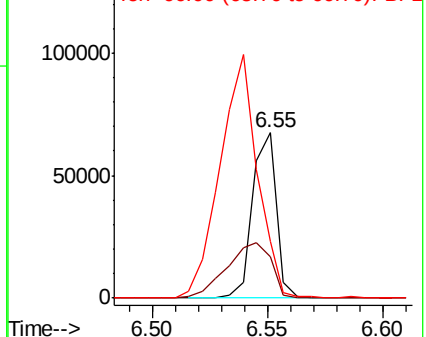
94 100

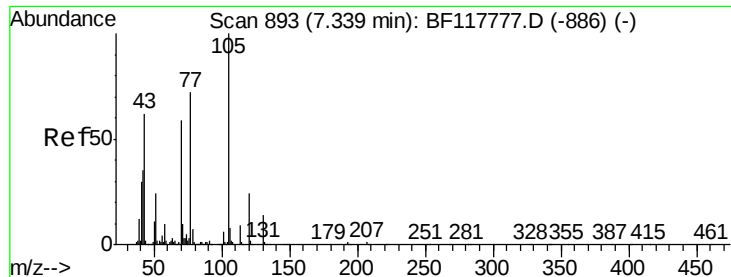
65 25.4 8.9 48.9

66 34.3 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

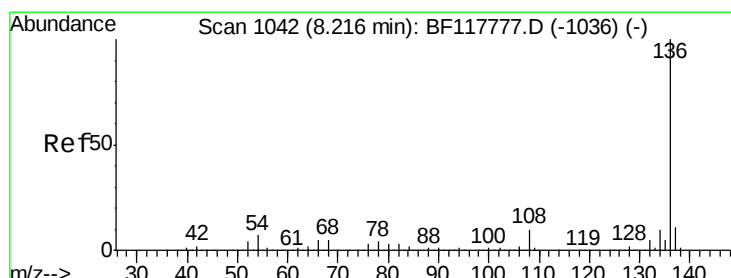
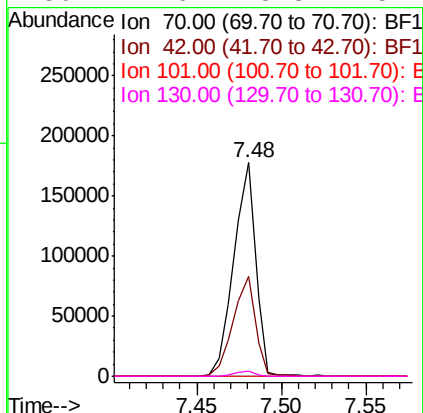
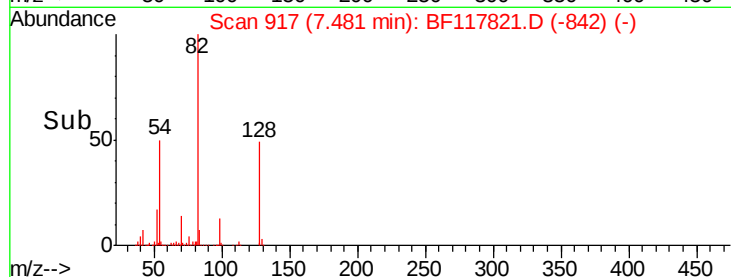
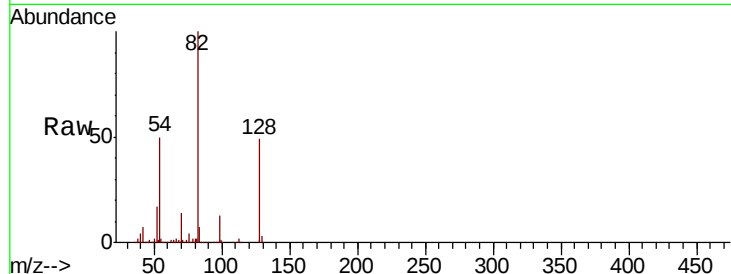




#19
n-Nitroso-di-n-propylamine
Concen: 14.728 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

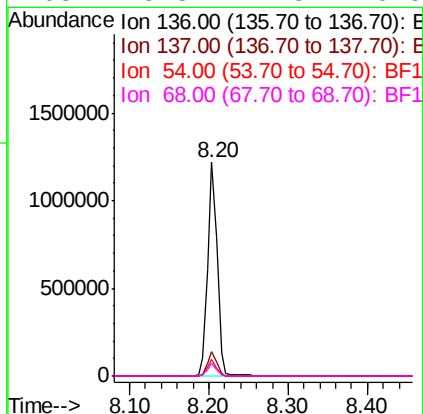
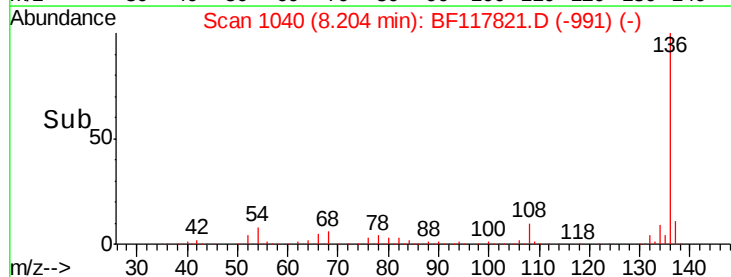
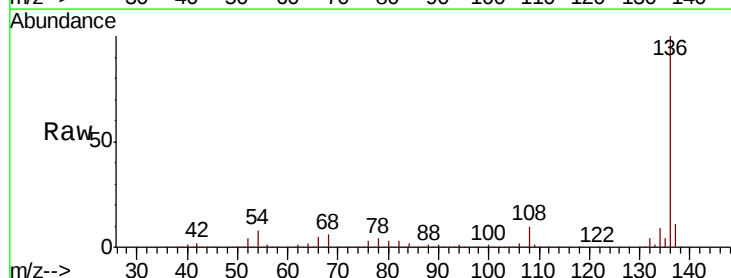
Instrument :
BNA_F
ClientSampleId :

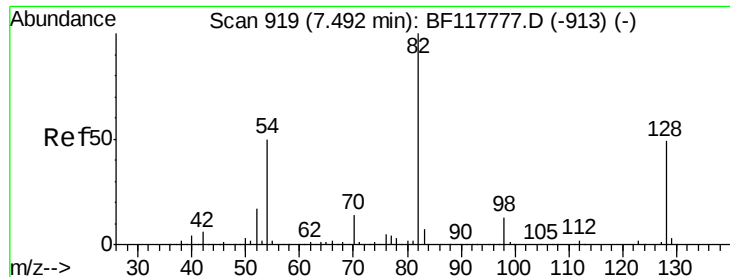
Tot Ion: 70 Resp: 161785
Ion Ratio Lower Upper
70 100
42 46.5 47.4 71.2#
101 0.0 8.4 12.6#
130 2.6 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion: 136 Resp: 1032646
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.6 5.4 8.2
68 5.8 4.3 6.5

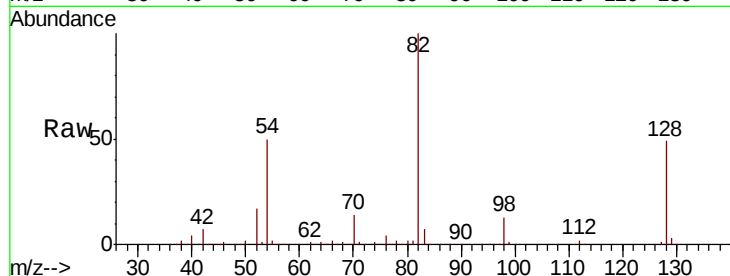




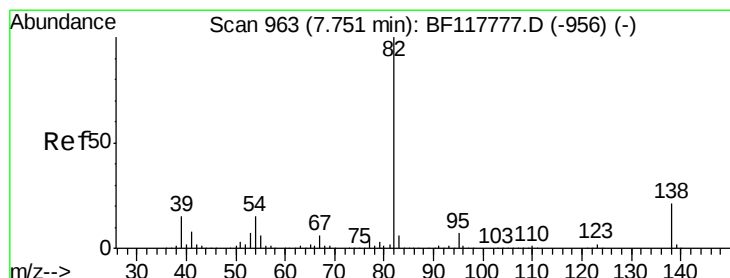
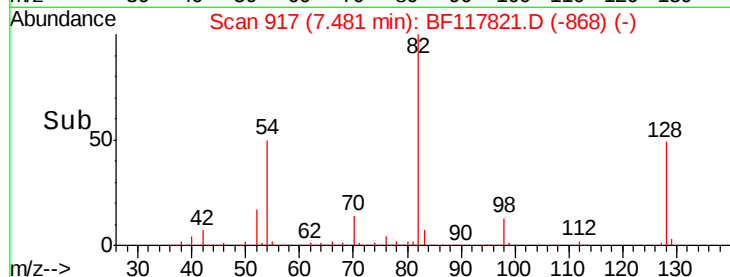
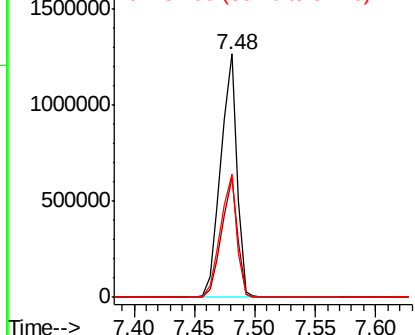
#23
Nitrobenzene-d5
Concen: 67.722 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1176407
Ion Ratio Lower Upper
82 100
128 49.2 38.9 58.3
54 50.5 39.8 59.6

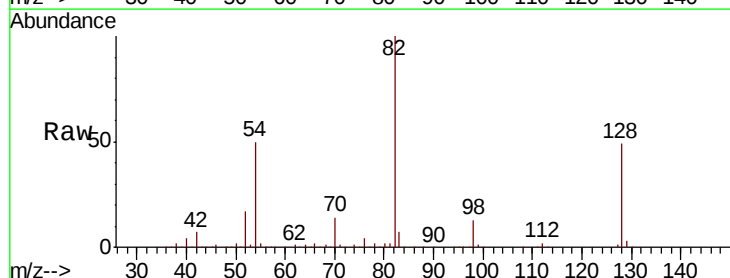


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

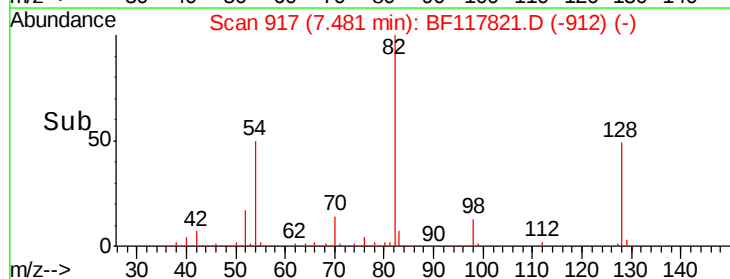
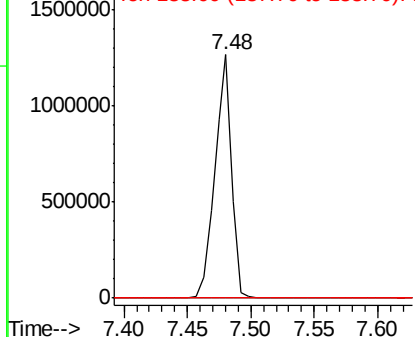


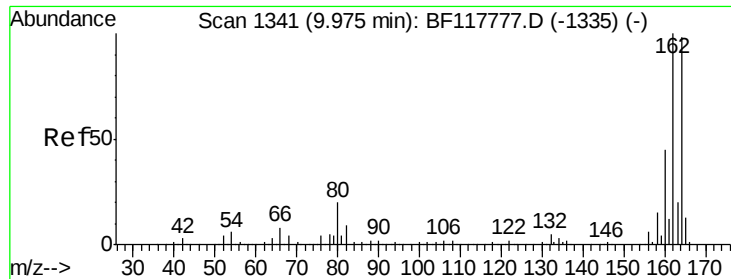
#25
Isophorone
Concen: 36.948 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion: 82 Resp: 1176391
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

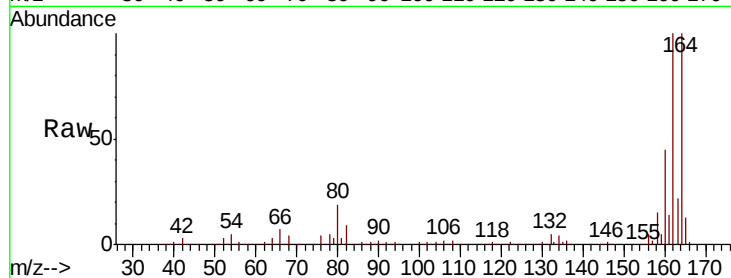




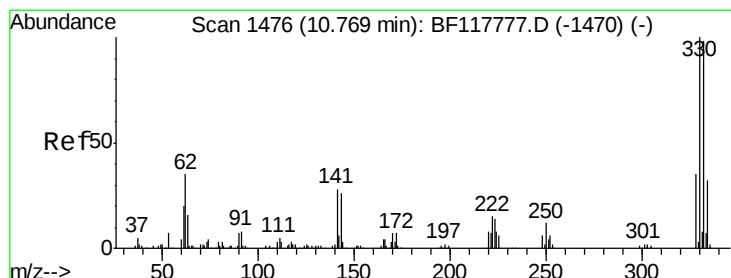
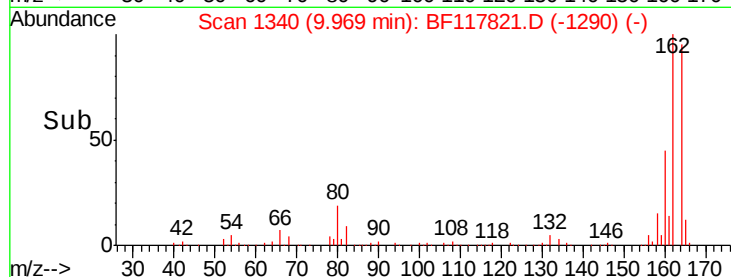
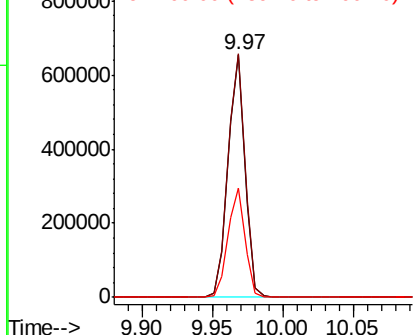
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 547358
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 44.8 36.6 55.0

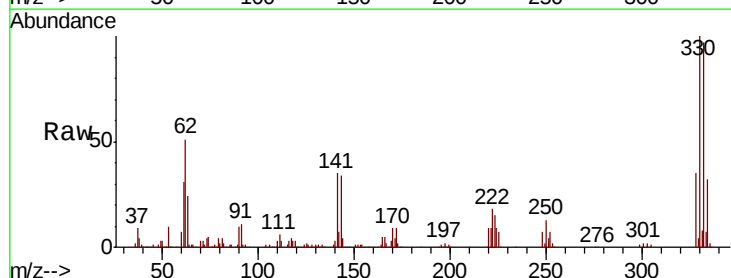


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

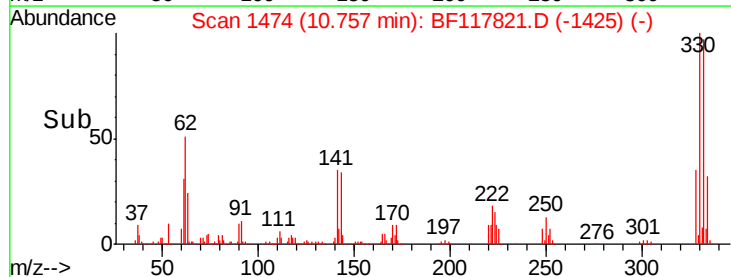
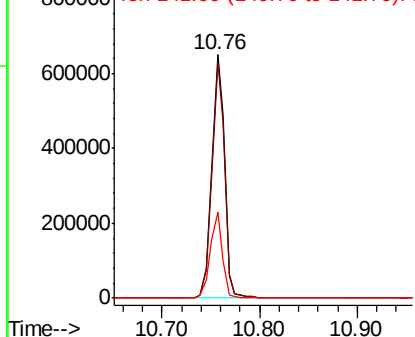


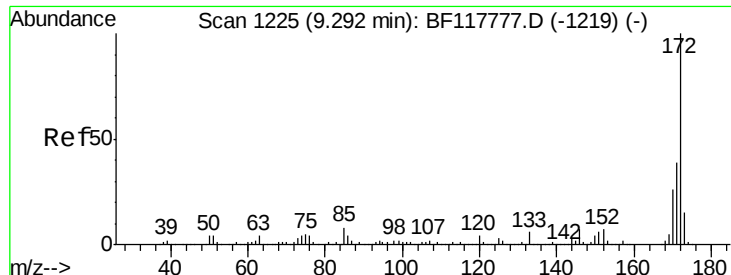
#42
2,4,6-Tribromophenol
Concen: 102.002 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion:330 Resp: 591083
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 33.4 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

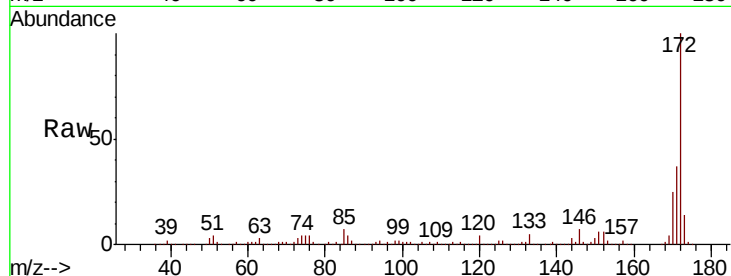




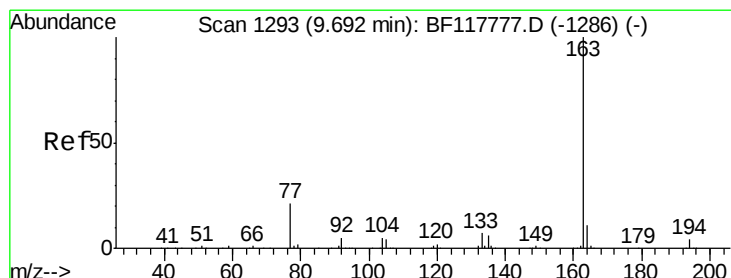
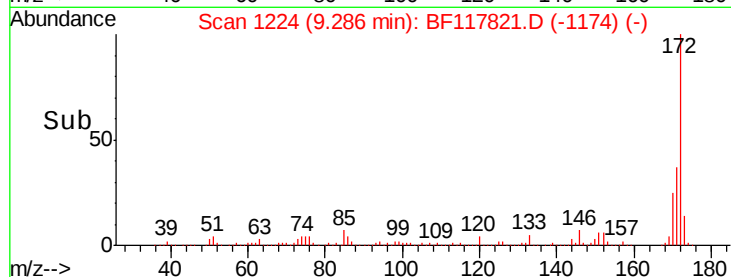
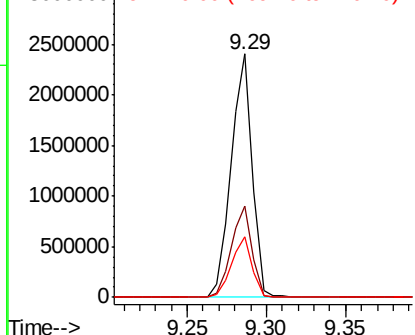
#45
2-Fluorobiphenyl
Concen: 72.593 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2214800
Ion Ratio Lower Upper
172 100
171 37.5 30.9 46.3
170 24.7 21.0 31.4

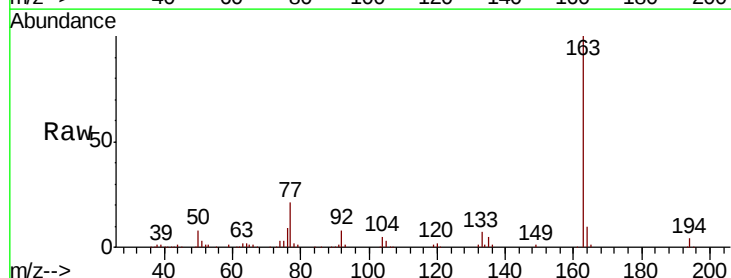


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

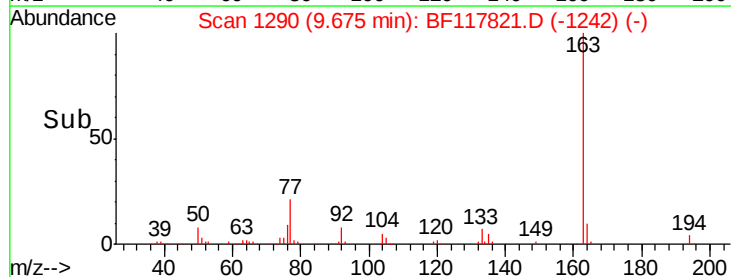
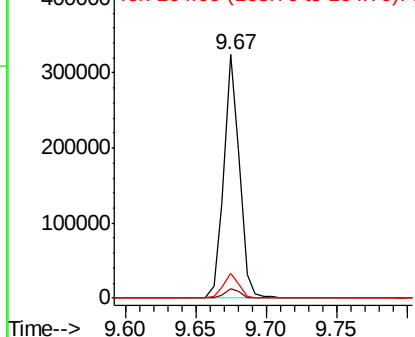


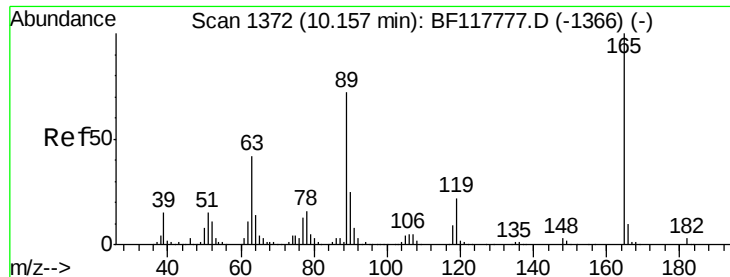
#50
Dimethylphthalate
Concen: 6.519 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion:163 Resp: 250205
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 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

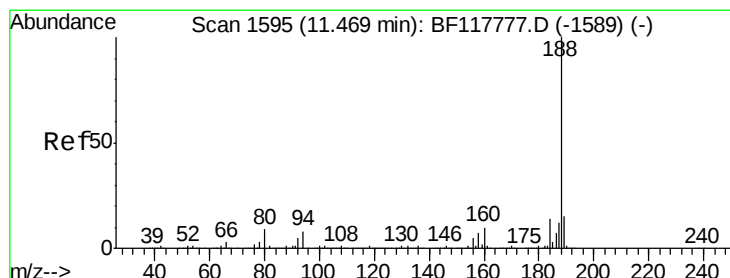
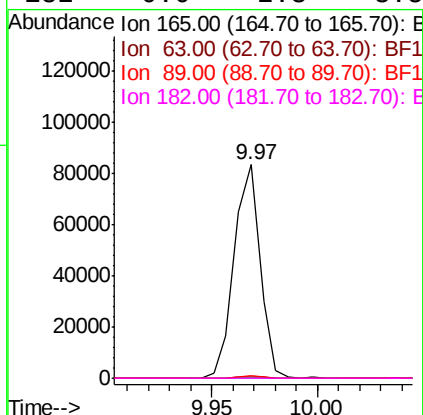
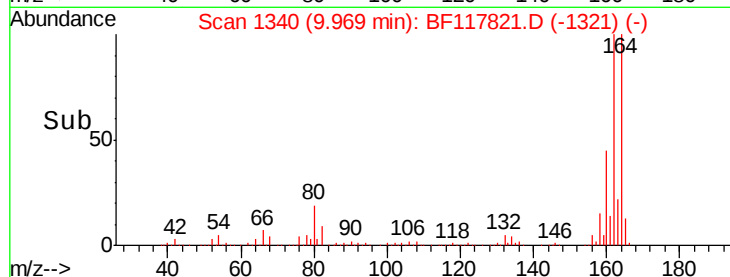
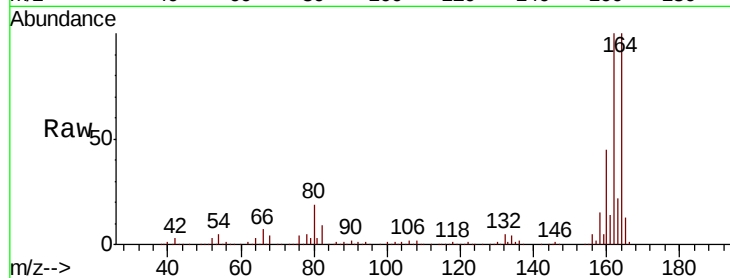




#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

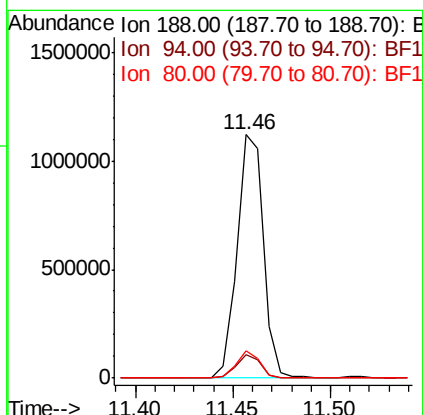
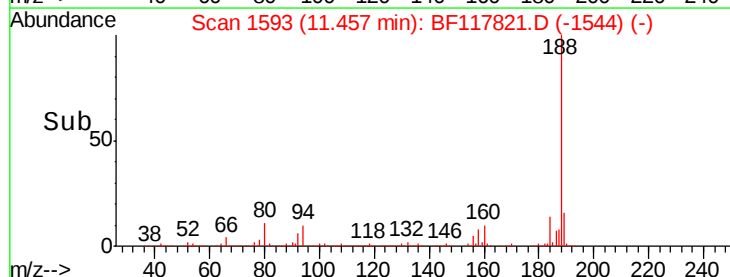
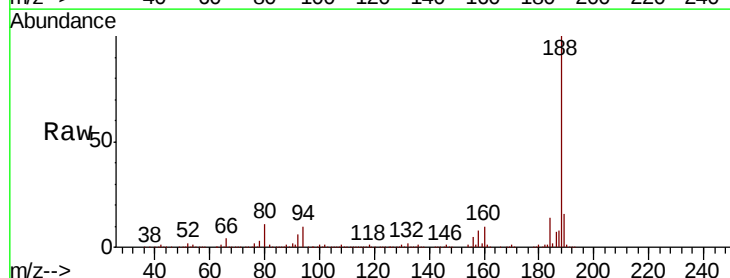
Instrument :
BNA_F
ClientSampleId :

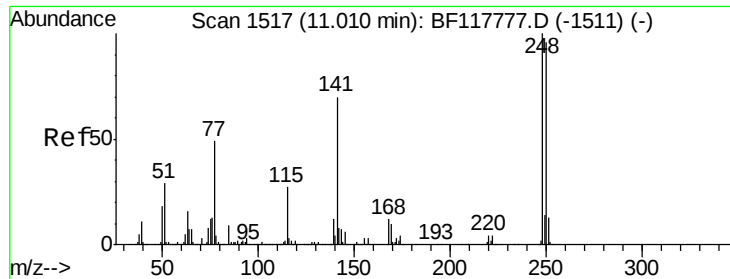
Tot Ion:165 Resp: 70719
Ion Ratio Lower Upper
165 100
63 0.9 33.7 50.5#
89 1.3 57.3 85.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion:188 Resp: 1045985
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 11.1 7.2 10.8#

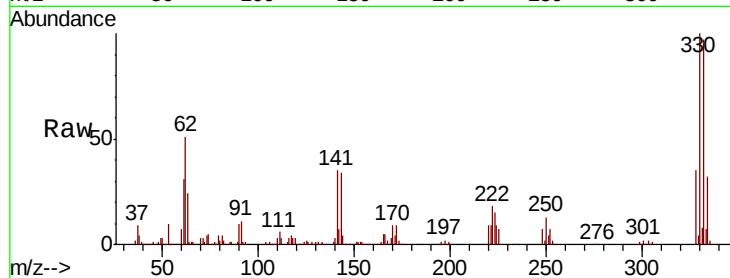




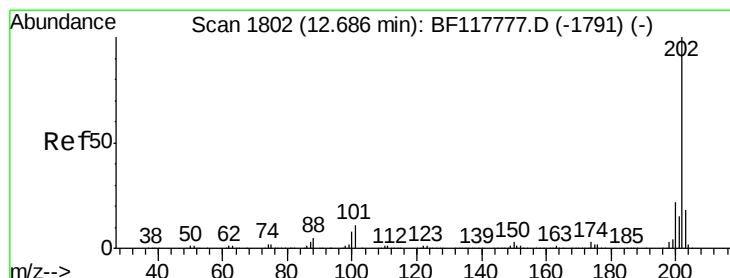
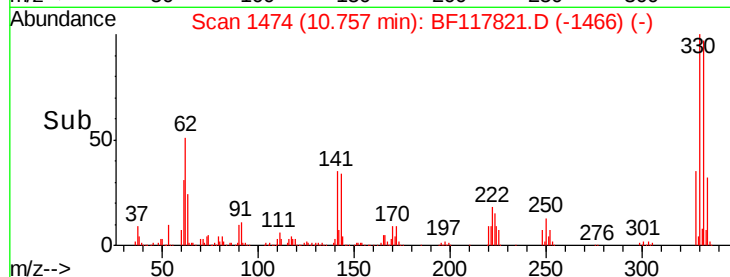
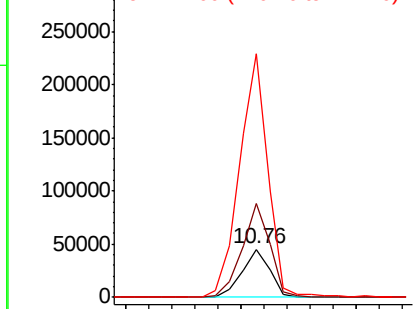
#67
4-Bromophenyl-phenylether
Concen: 3.361 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 37929
Ion Ratio Lower Upper
248 100
250 194.7 76.6 115.0#
141 507.8 55.9 83.9#

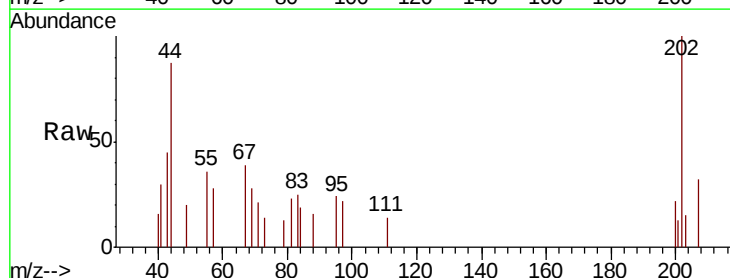


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

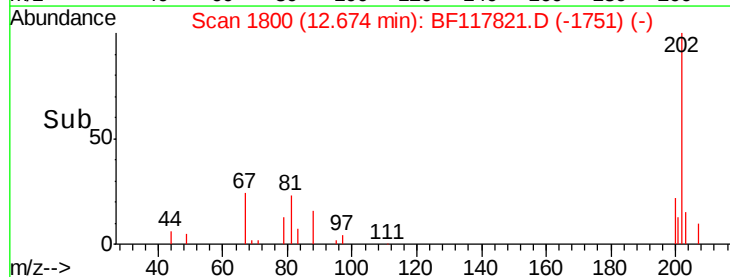
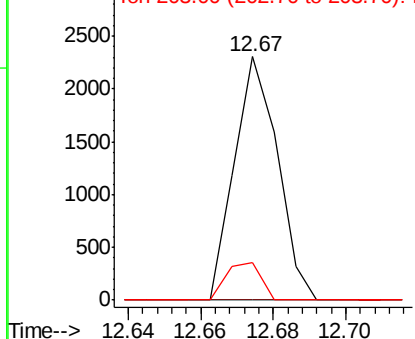


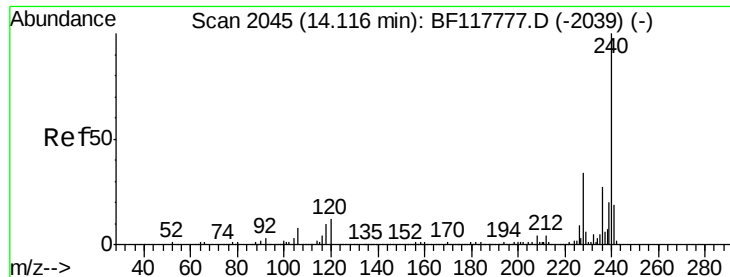
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117821.D
Acq: 15 Nov 2019 23:35

Tgt Ion:202 Resp: 1904
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.1
203 15.4 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

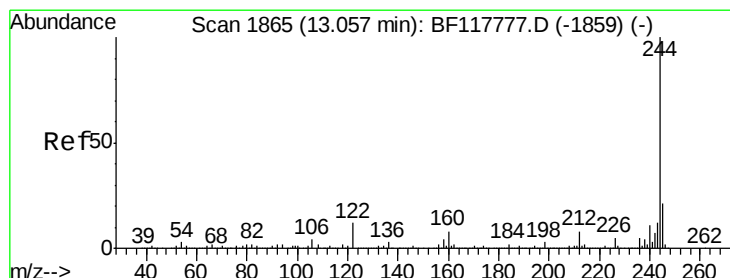
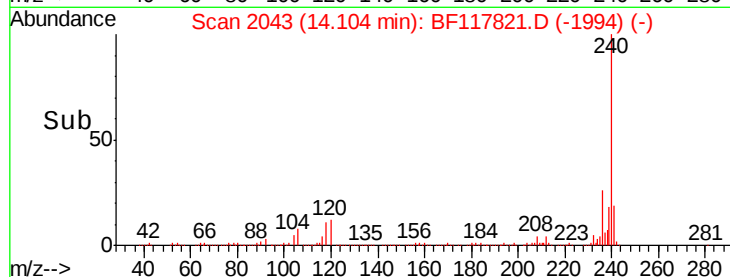
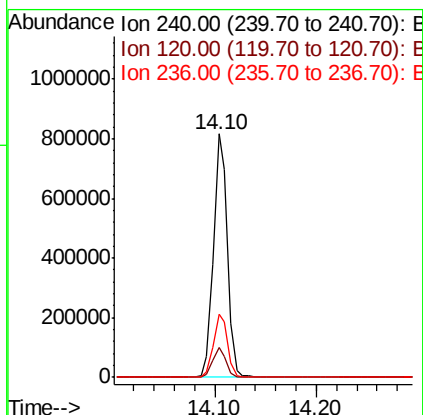
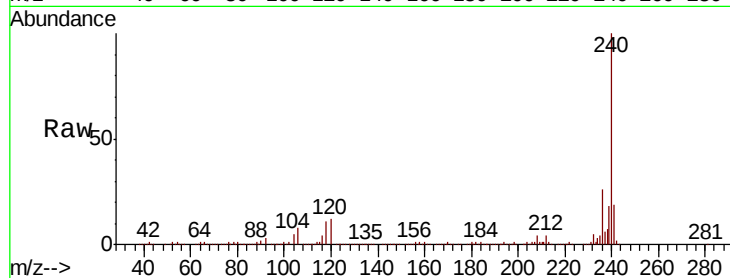




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117821.D
 Acq: 15 Nov 2019 23:35

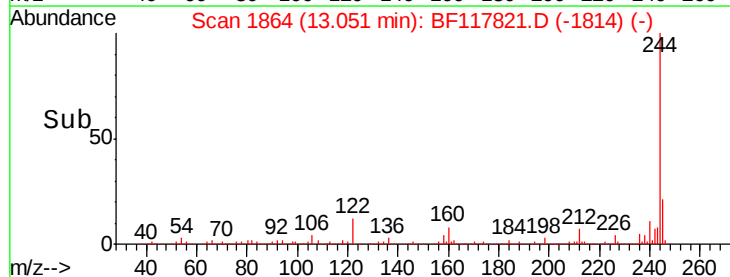
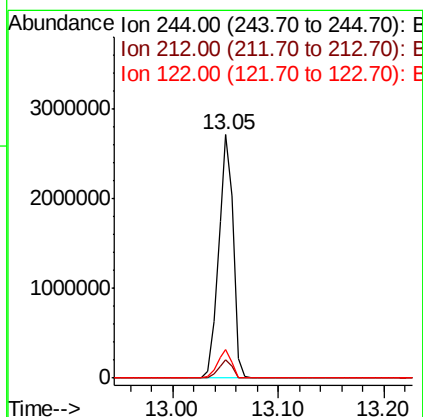
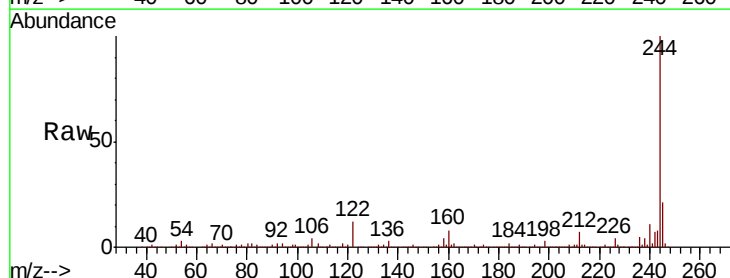
Instrument :
 BNA_F
 ClientSampleId :

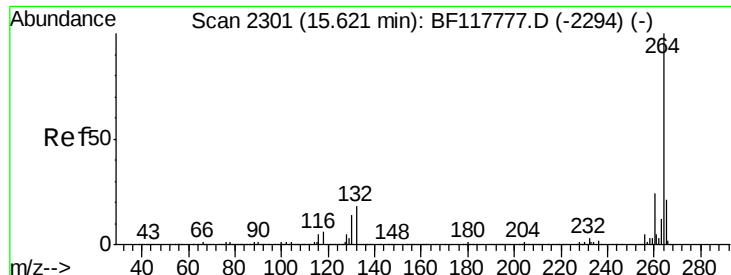
Tot Ion:240 Resp: 773475
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 25.9 21.3 31.9



#79
 Terphenyl-d14
 Concen: 62.450 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117821.D
 Acq: 15 Nov 2019 23:35

Tgt Ion:244 Resp: 2642987
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 11.8 9.4 14.2

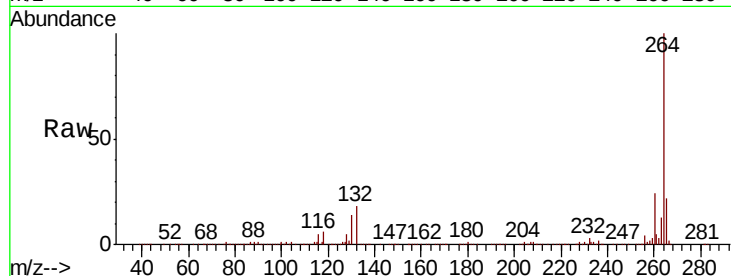




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117821.D
 Acq: 15 Nov 2019 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.4	17.1	25.7



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

