

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118061.D
 Acq On : 3 Dec 2019 14:37
 Operator : JU
 Sample : PB125174BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 15:18:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

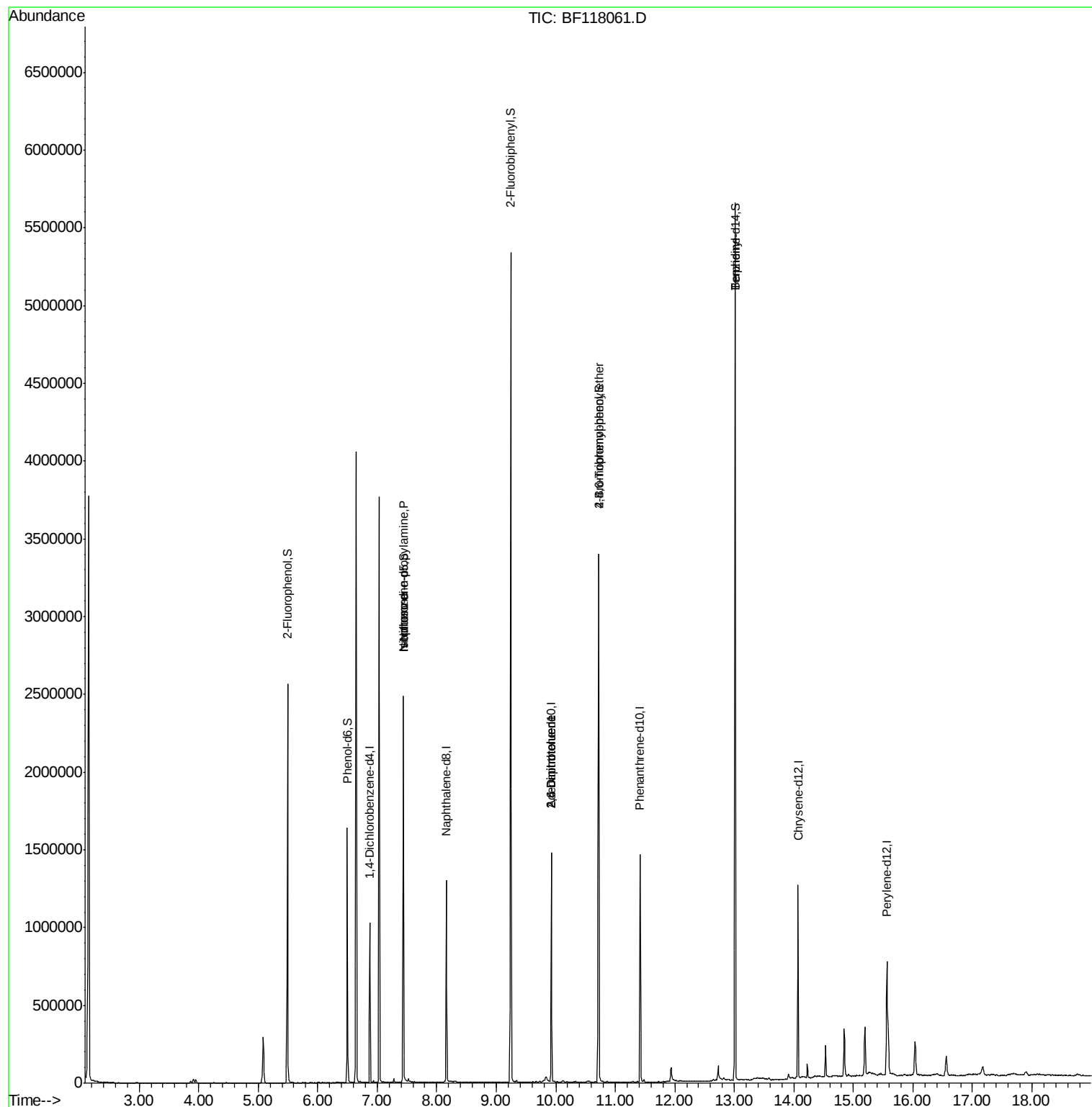
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143845	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	562049	20.00	ng	-0.02
39) Acenaphthene-d10	9.93	164	292451	20.00	ng	-0.02
64) Phenanthrene-d10	11.42	188	552157	20.00	ng	-0.02
76) Chrysene-d12	14.07	240	373349	20.00	ng	-0.02
87) Perylene-d12	15.56	264	342225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	676882	83.29	ng	0.00
7) Phenol-d6	6.50	99	532278	54.30	ng	-0.02
23) Nitrobenzene-d5	7.44	82	883045	93.40	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	442561	142.94	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	1655305	101.54	ng	-0.02
79) Terphenyl-d14	13.02	244	2028279	99.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.50	77	926	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	119641	19.786 ng	#	75
25) Isophorone	7.44	82	883037	50.956 ng	#	62
51) 2,6-Dinitrotoluene	9.93	165	37671	8.405 ng	#	23
57) 2,4-Dinitrotoluene	9.93	165	37671	6.607 ng	#	25
67) 4-Bromophenyl-phenylether	10.72	248	27712	4.651 ng	#	1
77) Benizidine	13.02	184	28397	2.322 ng	#	94

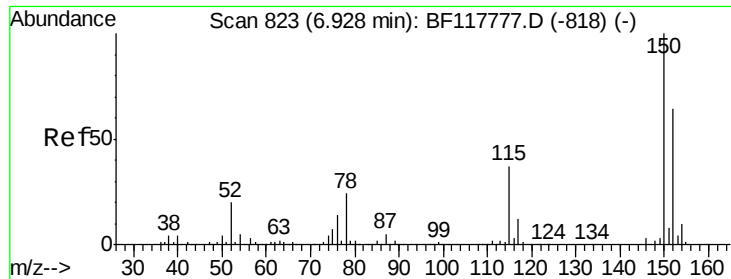
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118061.D
Acq On : 3 Dec 2019 14:37
Operator : JU
Sample : PB125174BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 03 15:18:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration



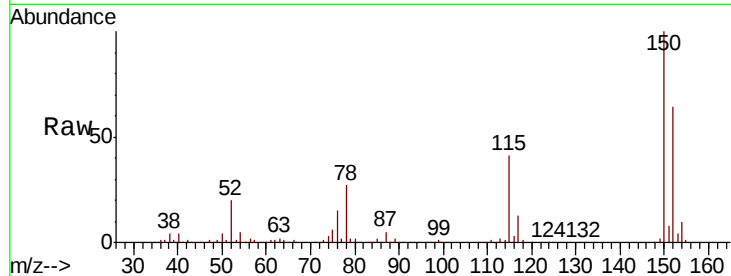


#1

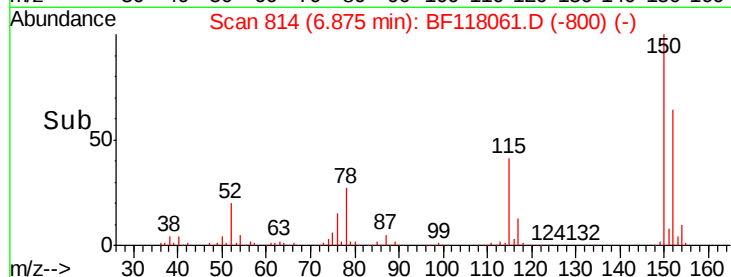
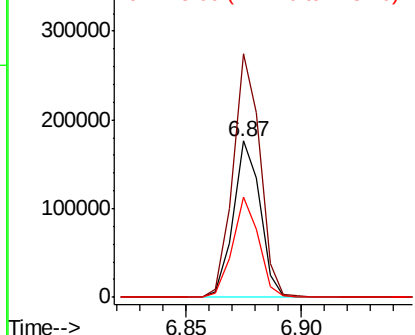
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143845
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 63.9 47.0 70.4



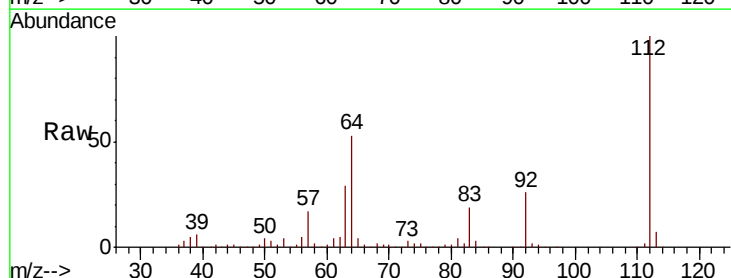
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



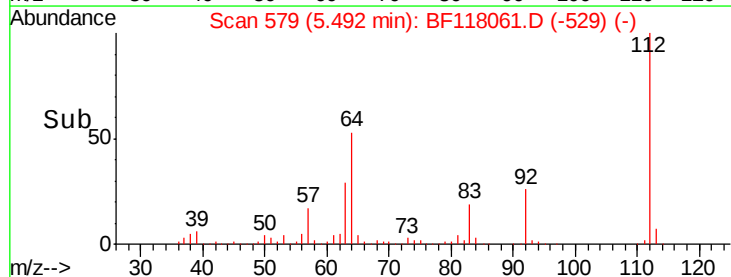
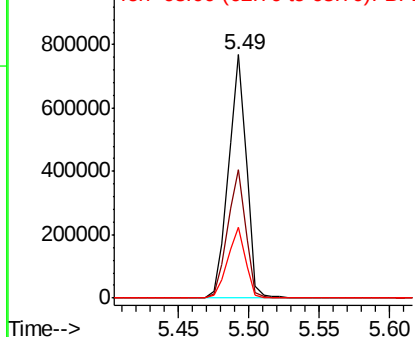
#5

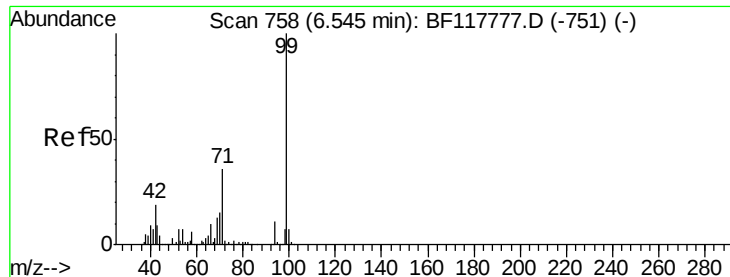
2-Fluorophenol
Concen: 83.295 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Tgt Ion:112 Resp: 676882
Ion Ratio Lower Upper
112 100
64 52.9 45.6 68.4
63 29.1 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: 54.305 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

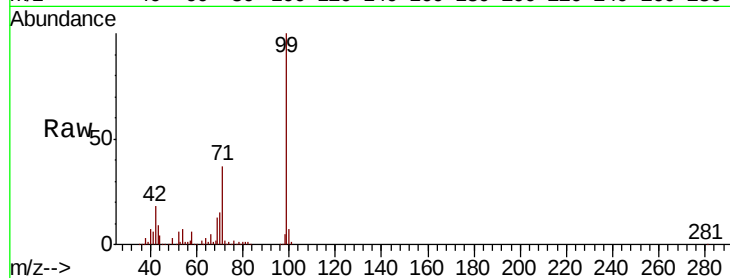
Tot Ion: 99 Resp: 532278

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

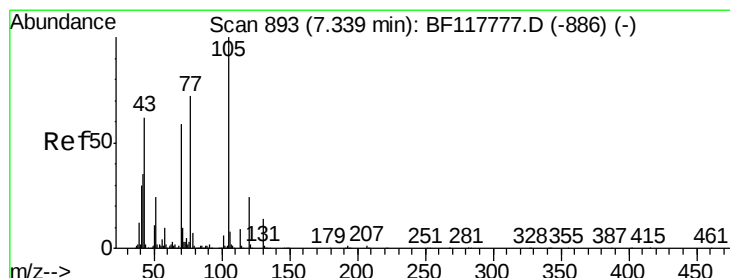
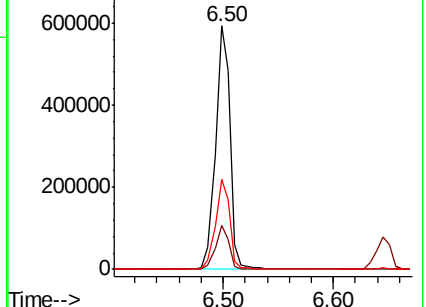
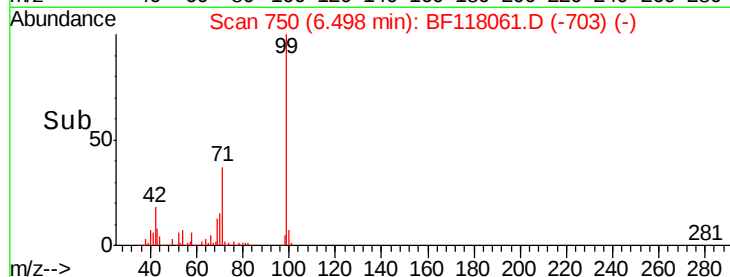
71 37.1 28.6 43.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.786 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.13 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Tgt Ion: 70 Resp: 119641

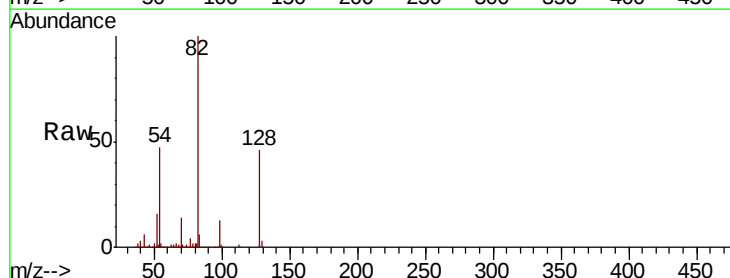
Ion Ratio Lower Upper

70 100

42 46.3 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#

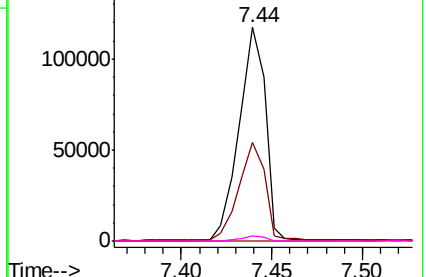
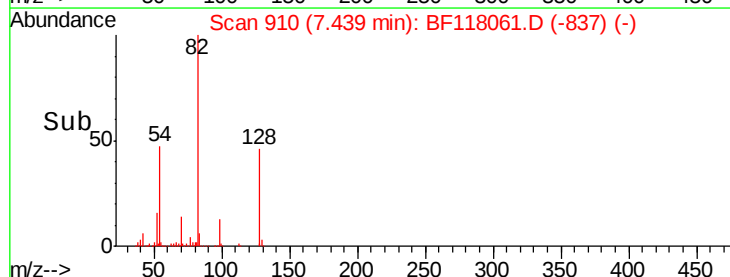


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

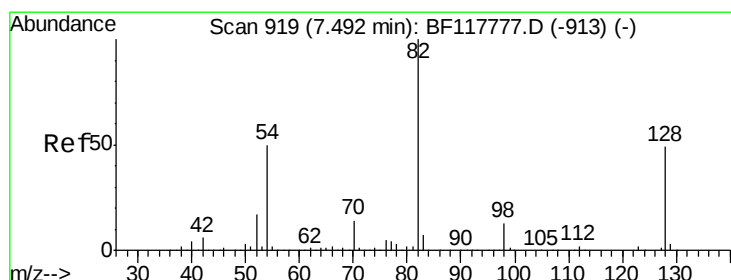
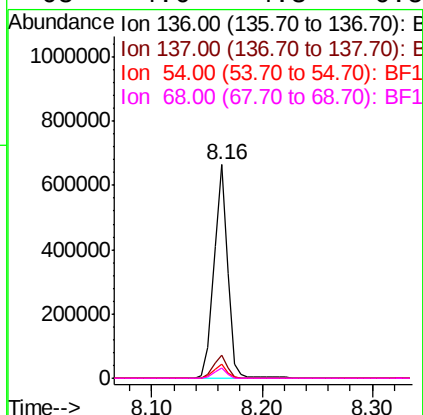
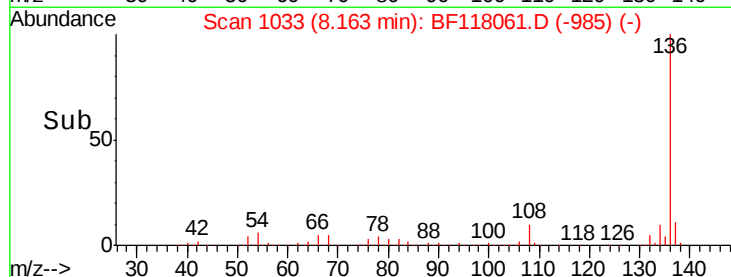
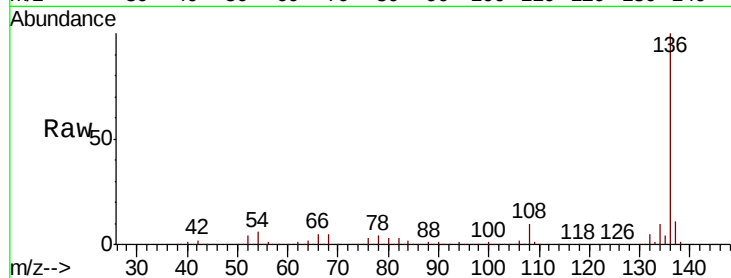




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

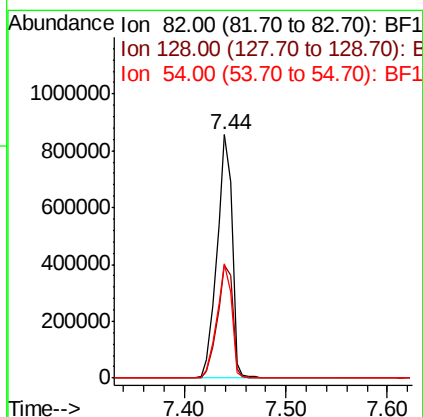
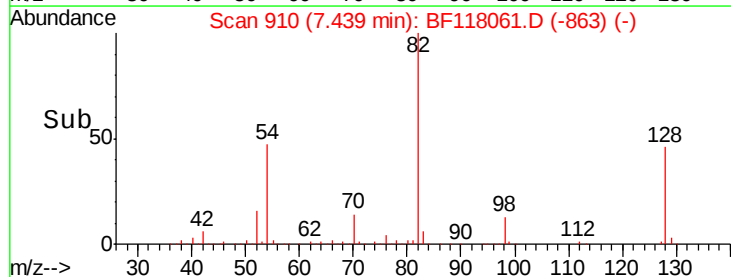
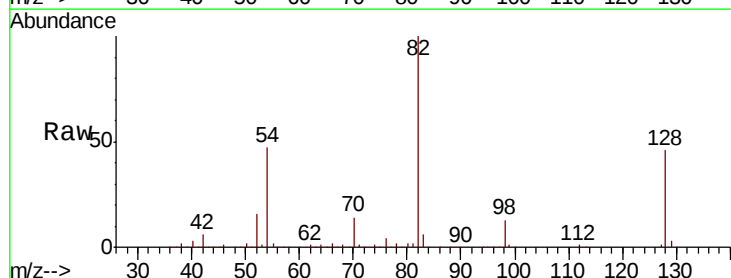
Instrument :
BNA_F
ClientSampled :

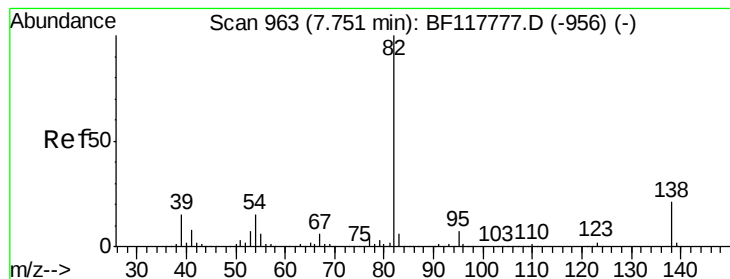
Tot Ion:136	Resp:	562049
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	6.5	5.4 8.2
68	4.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118061.D
Acq: 3 Dec 2019 14:37

Tgt Ion: 82	Resp:	883045
Ion	Ratio	Lower Upper
82	100	
128	46.5	38.9 58.3
54	47.0	39.8 59.6





#25

Isophorone

Concen: 50.956 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.28 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

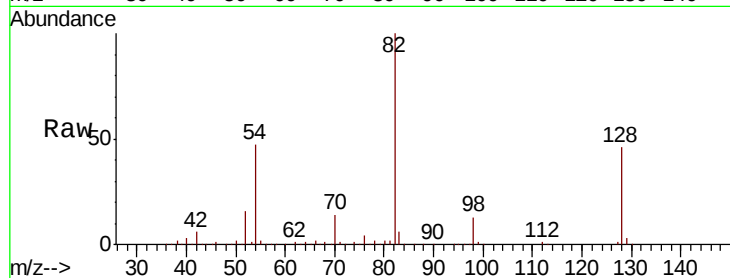
Tot Ion: 82 Resp: 883037

Ion Ratio Lower Upper

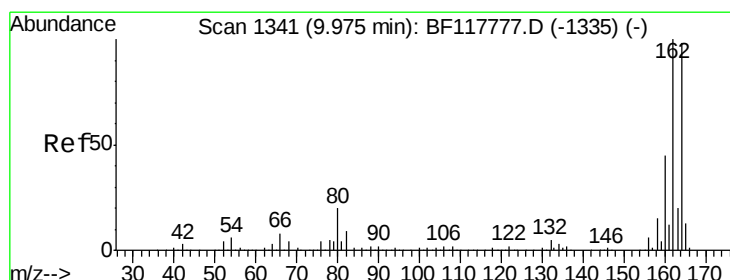
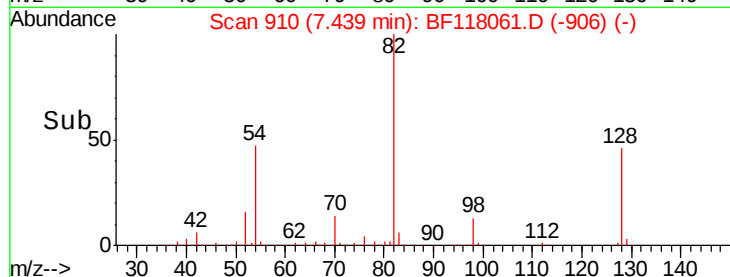
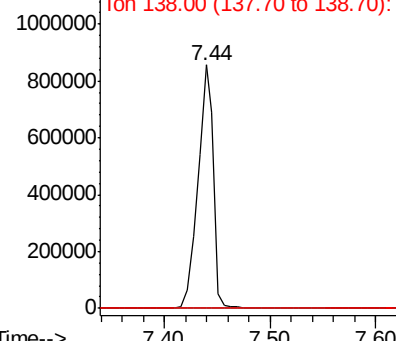
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

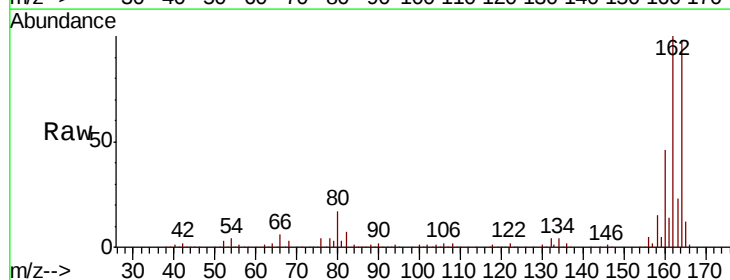
Tgt Ion: 164 Resp: 292451

Ion Ratio Lower Upper

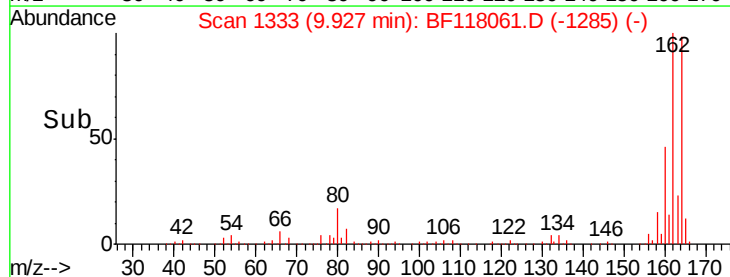
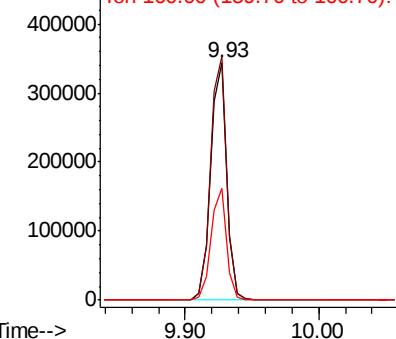
164 100

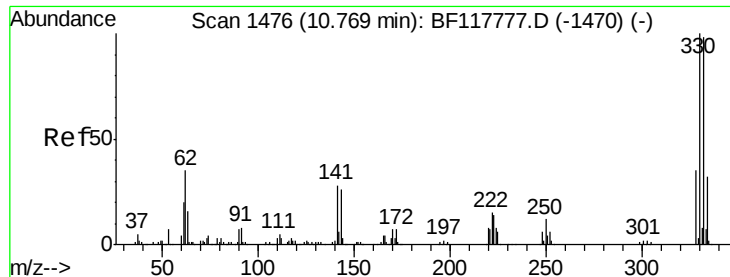
162 102.5 81.3 121.9

160 46.8 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: 142.939 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampleId :

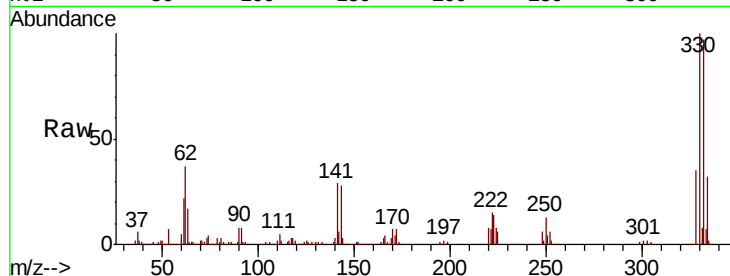
Tot Ion:330 Resp: 442561

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 32.7 27.7 41.5

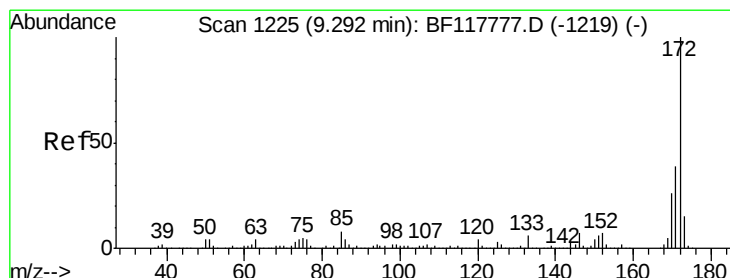
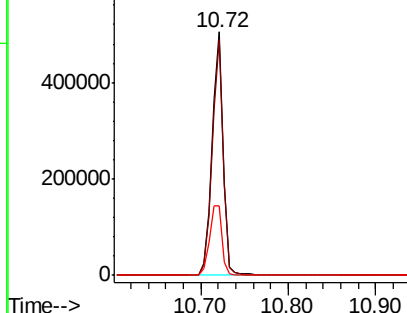
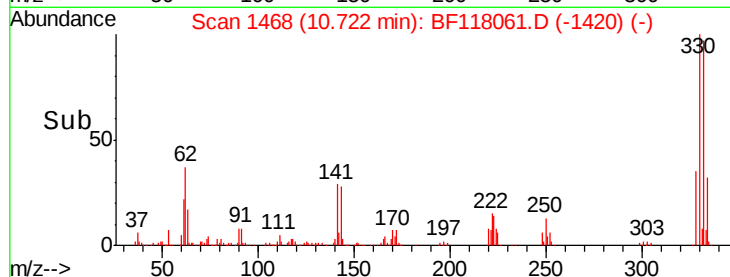


Abundance

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: 101.544 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

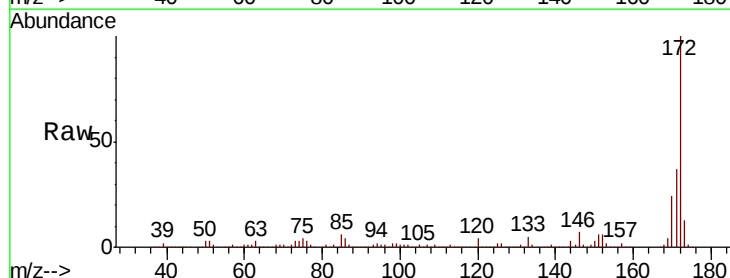
Tgt Ion:172 Resp: 1655305

Ion Ratio Lower Upper

172 100

171 36.5 30.9 46.3

170 24.2 21.0 31.4

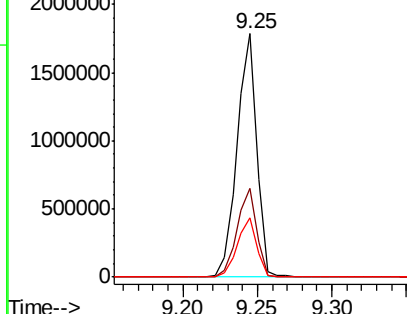
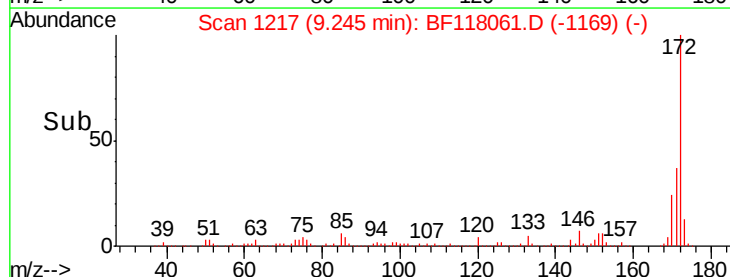


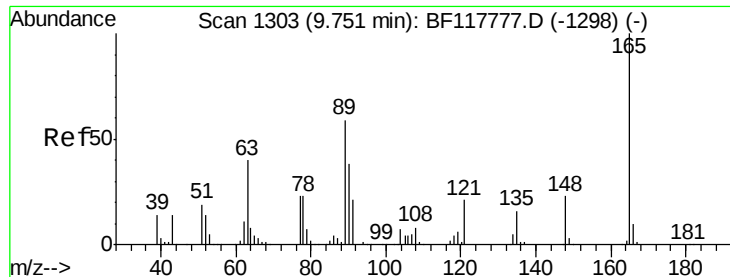
Abundance

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

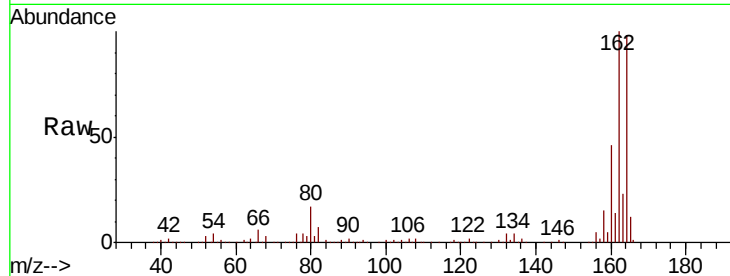




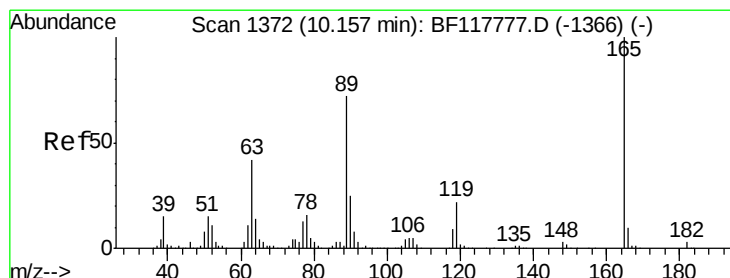
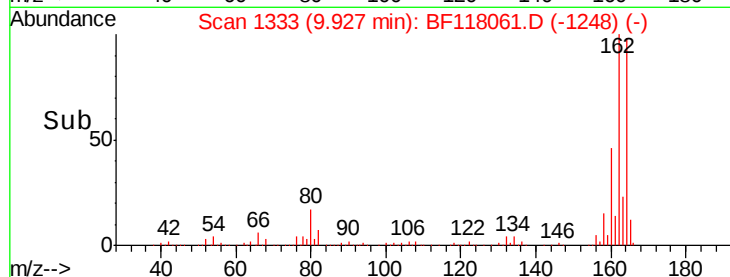
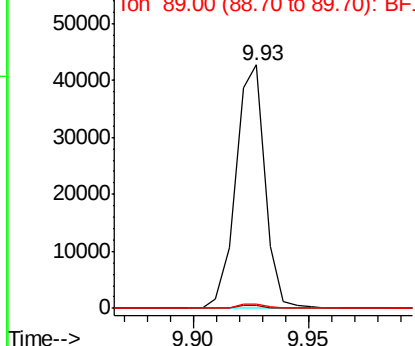
#51
 2,6-Dinitrotoluene
 Concen: 8.405 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.20 min
 Lab File: BF118061.D
 Acq: 3 Dec 2019 14:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.0	69.0#
89	1.5	47.7	71.5#



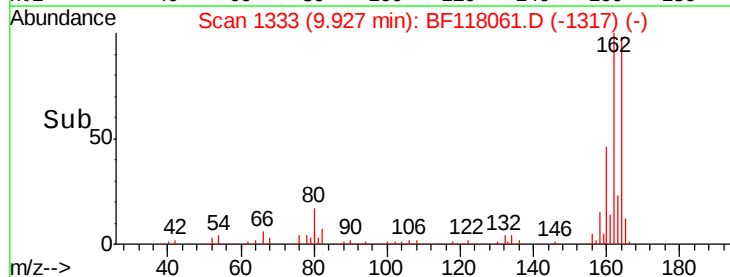
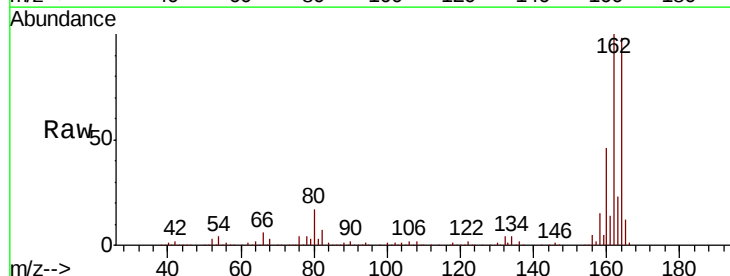
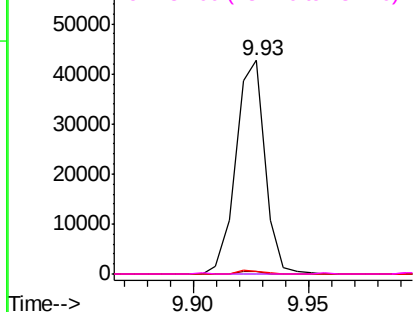
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

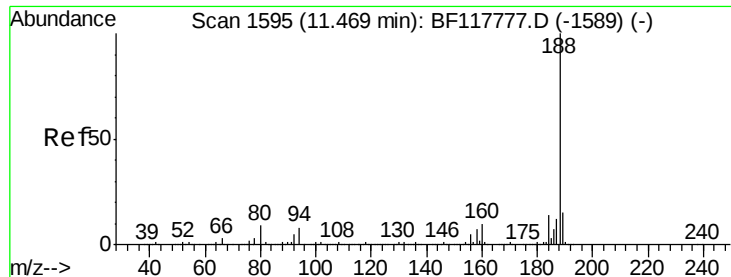


#57
 2,4-Dinitrotoluene
 Concen: 6.607 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.21 min
 Lab File: BF118061.D
 Acq: 3 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

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

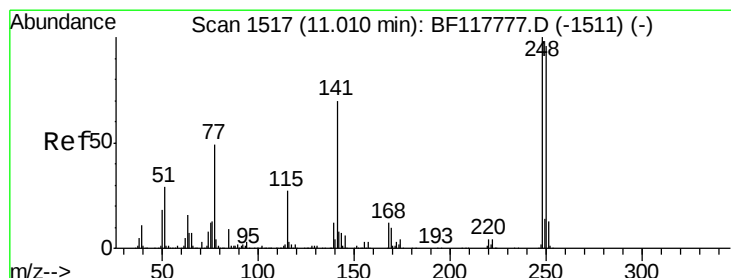
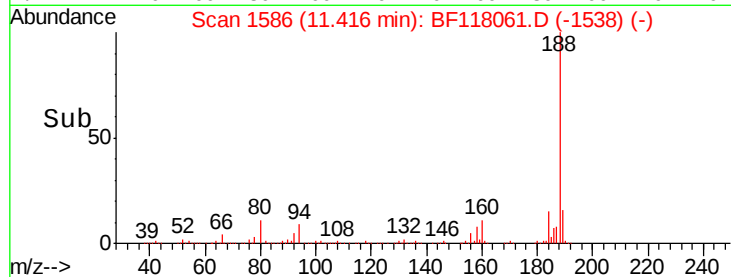
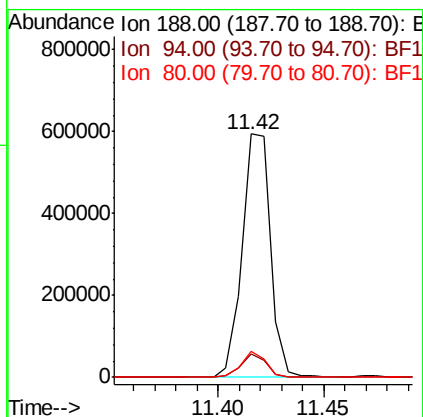
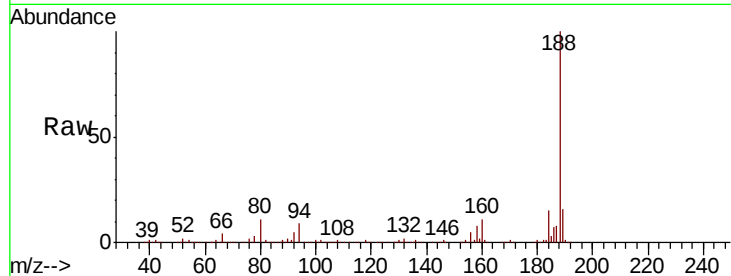




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BF118061.D
 Acq: 3 Dec 2019 14:37

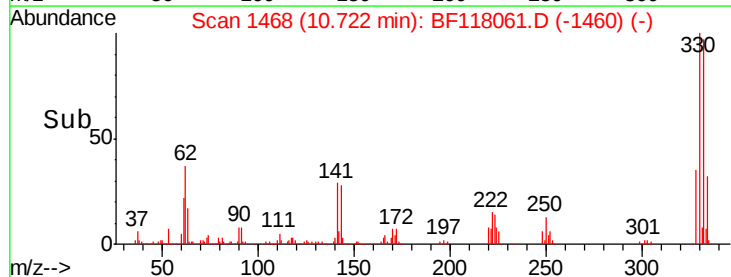
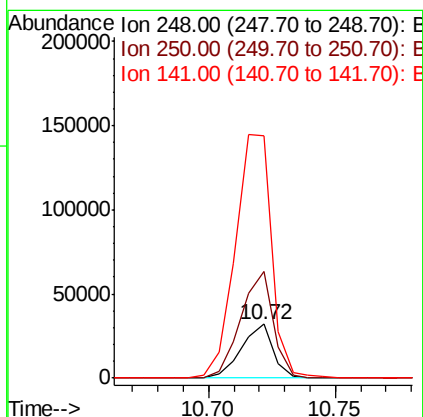
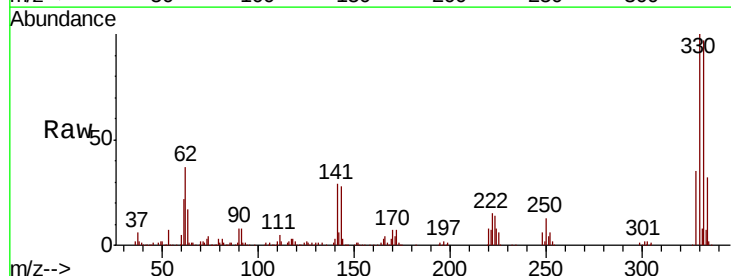
Instrument :
 BNA_F
 ClientSampleId :

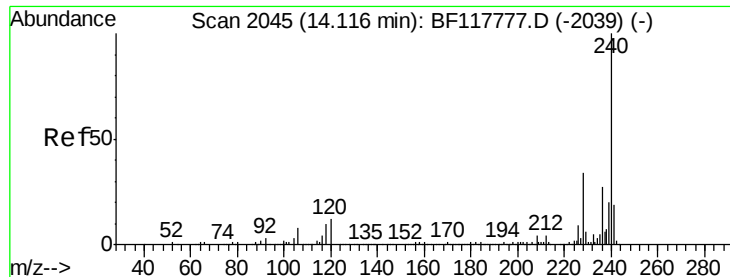
Tot Ion:188 Resp: 552157
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.6 10.0
 80 10.8 7.2 10.8#



#67
 4-Bromophenyl-phenylether
 Concen: 4.651 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF118061.D
 Acq: 3 Dec 2019 14:37

Tgt Ion:248 Resp: 27712
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.6 115.0#
 141 449.1 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampled :

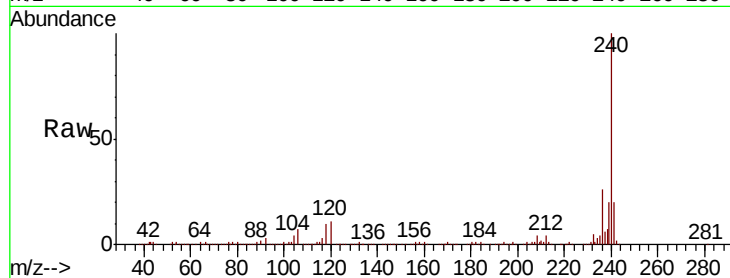
Tot Ion:240 Resp: 373349

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

236 25.5 21.3 31.9

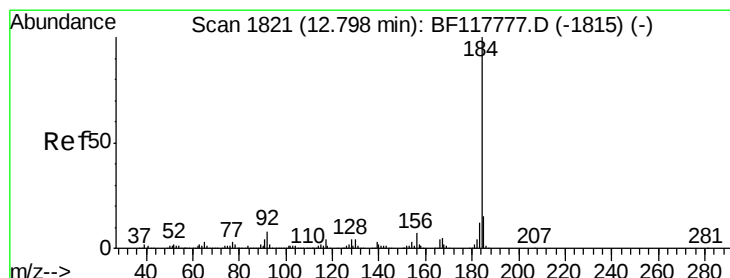
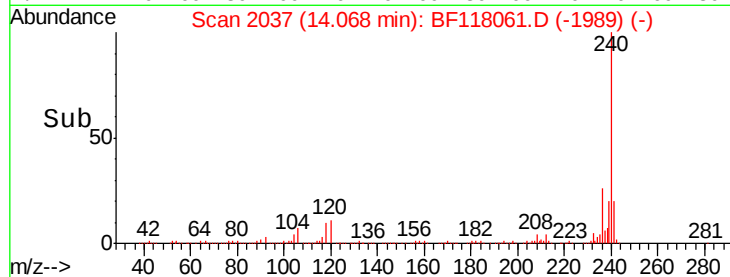
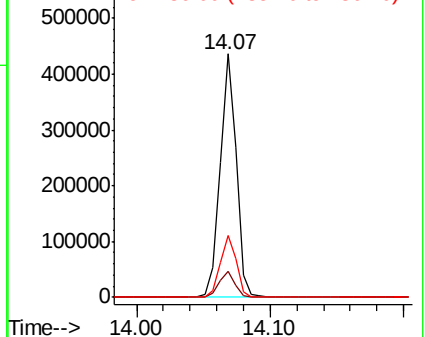


Abundance

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: 2.322 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.25 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

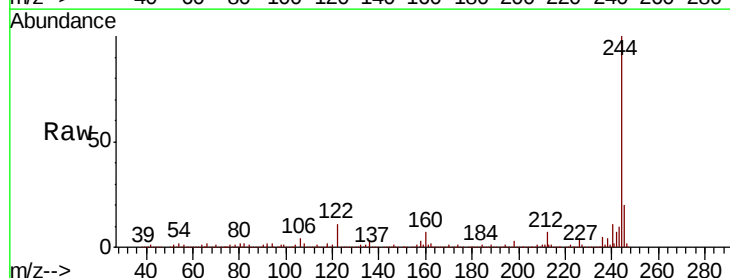
Tgt Ion:184 Resp: 28397

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

183 7.7 9.5 14.3#

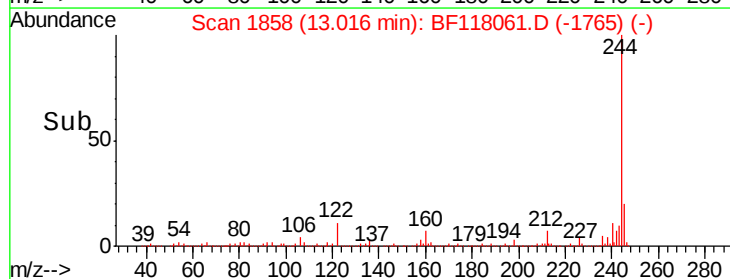
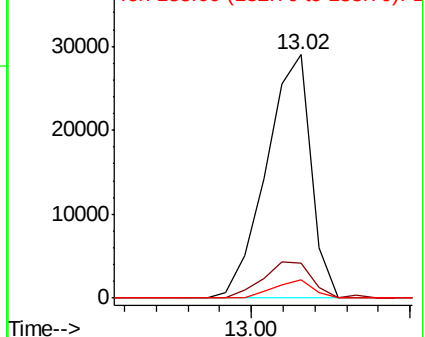


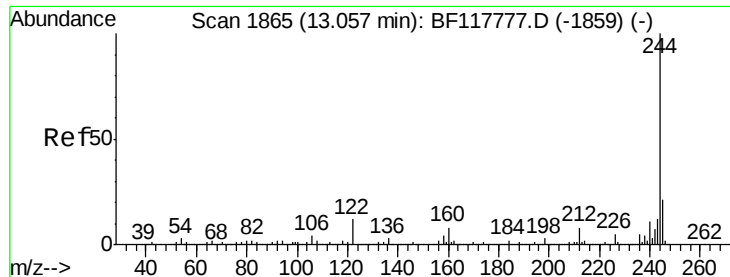
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 99.288 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

Instrument :

BNA_F

ClientSampled :

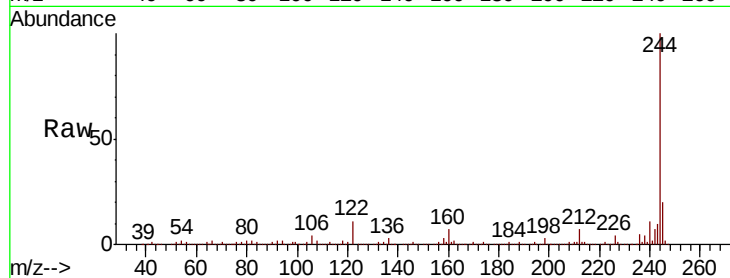
Tot Ion:244 Resp: 2028279

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

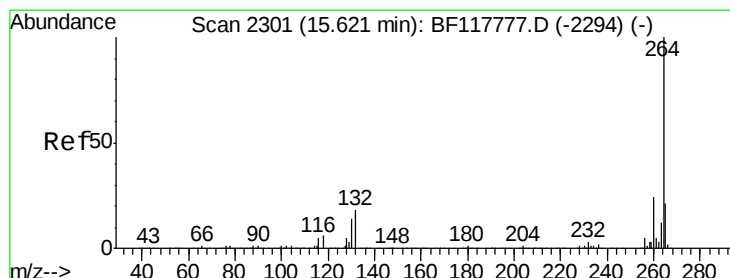
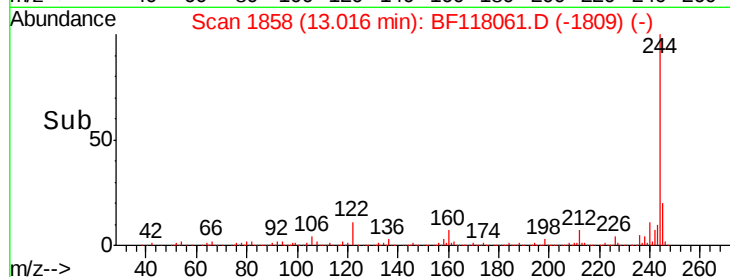
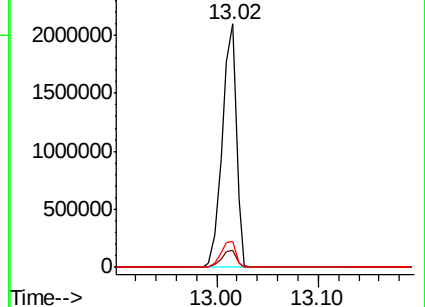
122 10.5 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BF118061.D

Acq: 3 Dec 2019 14:37

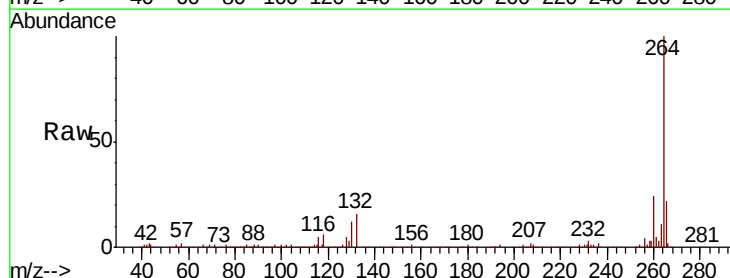
Tgt Ion:264 Resp: 342225

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.8 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

