

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117916.D
 Acq On : 21 Nov 2019 17:00
 Operator : JU
 Sample : K5904-03RX
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-(6-8)

Quant Time: Nov 22 00:23:13 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

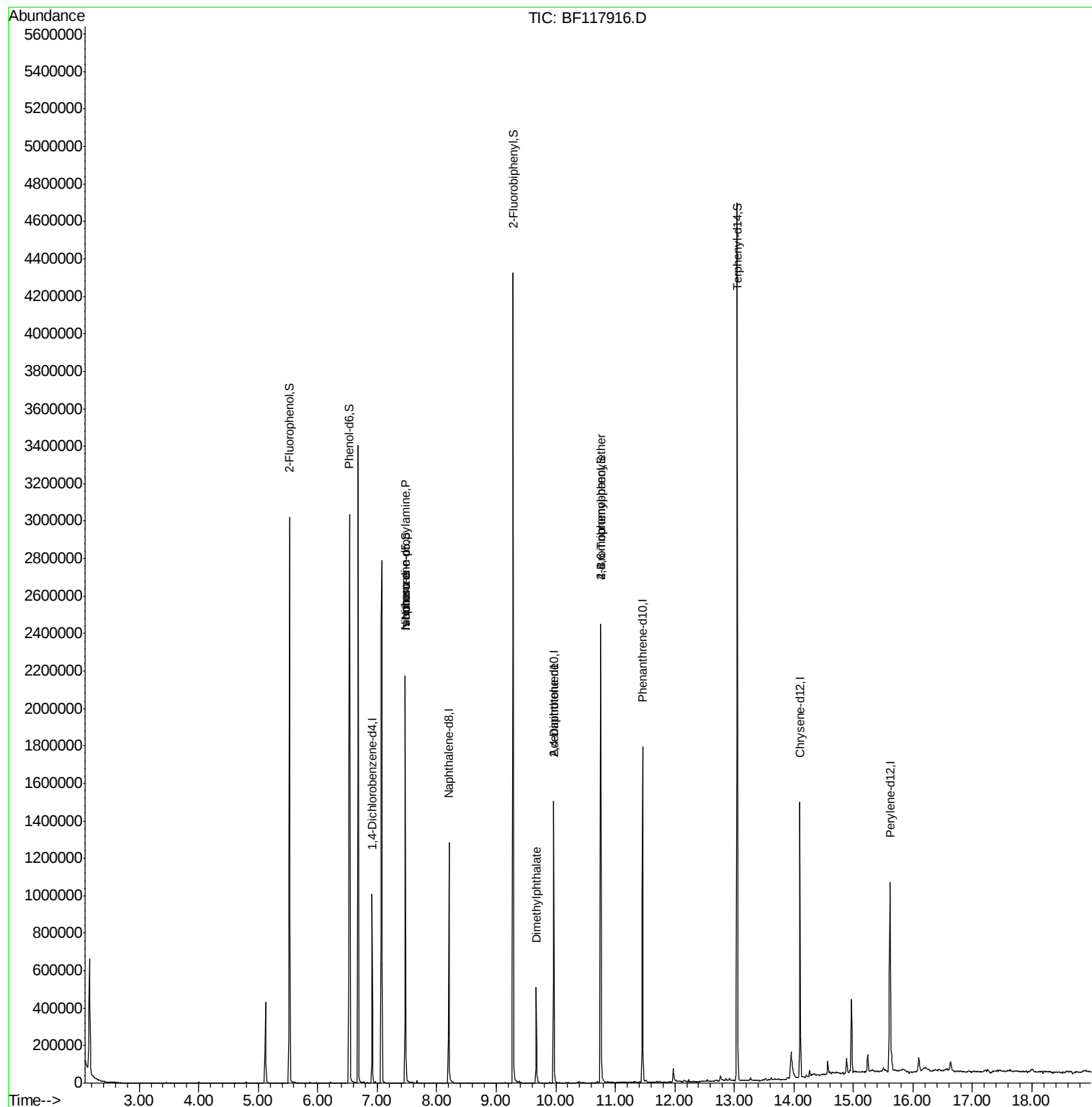
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	137523	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	570146	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	319969	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	617872	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	454243	20.00	ng	-0.01
87) Perylene-d12	15.62	264	485833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	825685	106.28	ng	0.00
7) Phenol-d6	6.53	99	1054299	112.51	ng	-0.01
23) Nitrobenzene-d5	7.47	82	652824	68.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	297890	87.94	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1237222	69.37	ng	-0.01
79) Terphenyl-d14	13.05	244	1632708	65.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1936	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.47	70	87410	15.120 ng	#	75
25) Isophorone	7.47	82	647904	36.857 ng	#	62
50) Dimethylphthalate	9.67	163	211172	9.412 ng		98
57) 2,4-Dinitrotoluene	9.96	165	41586	6.667 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	19141	2.871 ng	#	1
75) Fluoranthene	12.67	202	893	Below Cal		63

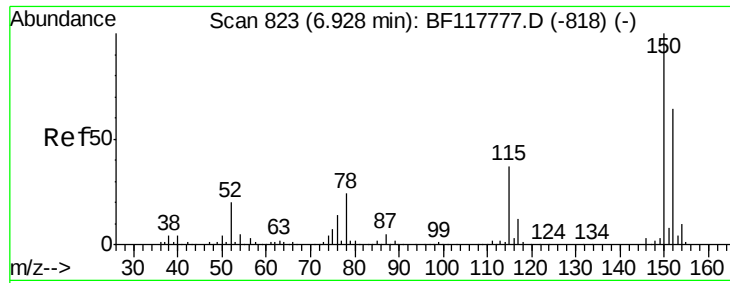
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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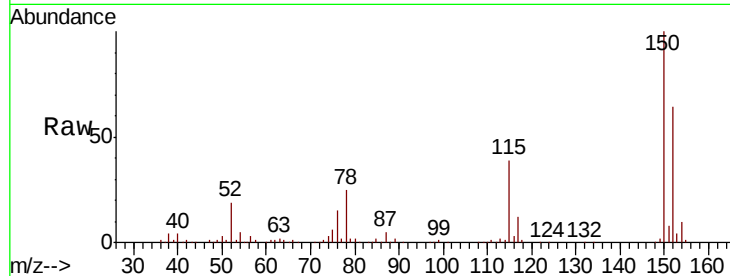




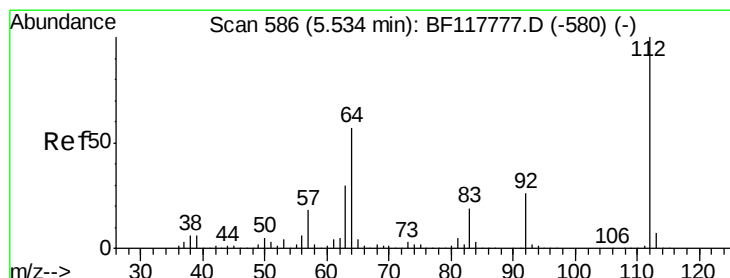
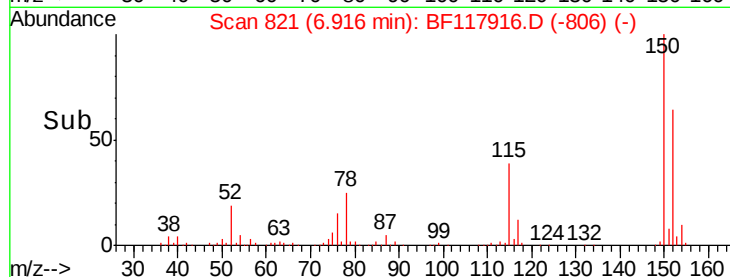
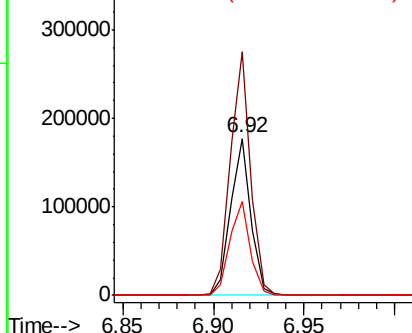
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117916.D
 Acq: 21 Nov 2019 17:00

Instrument :
 BNA_F
 ClientSampleId :
 1-(6-8)

Tot Ion:152 Resp: 137523
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.3 187.9
 115 60.2 47.0 70.4

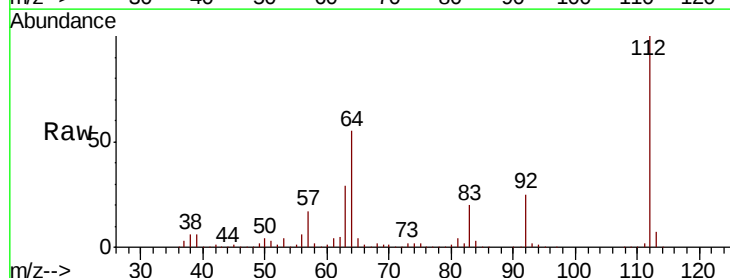


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

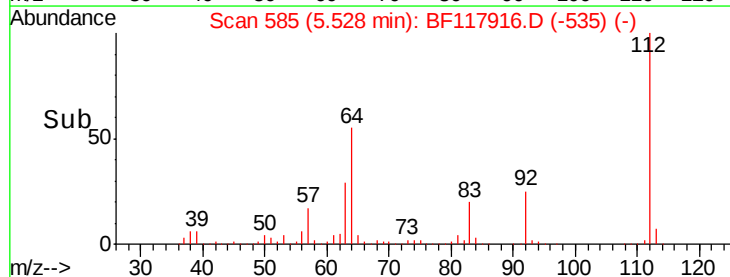
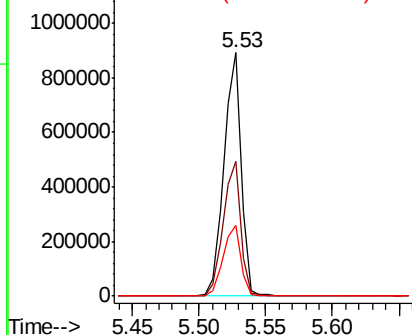


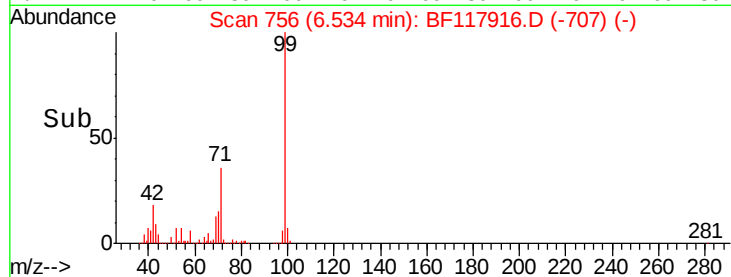
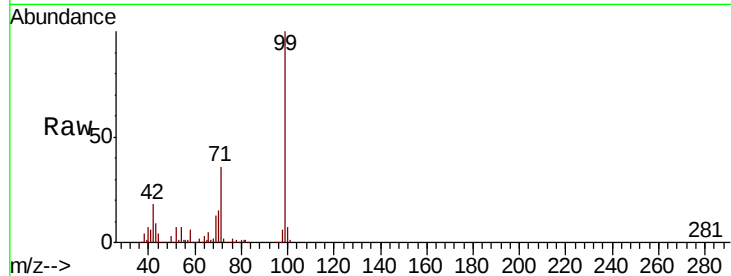
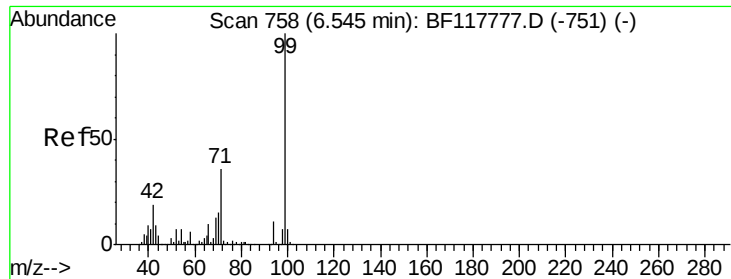
#5
 2-Fluorophenol
 Concen: 106.277 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117916.D
 Acq: 21 Nov 2019 17:00

Tgt Ion:112 Resp: 825685
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.6 68.4
 63 29.3 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: 112.508 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampleId :

1-(6-8)

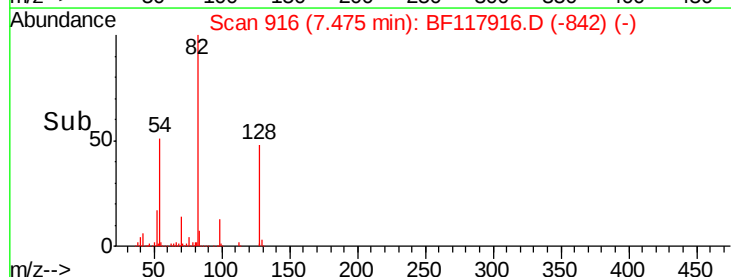
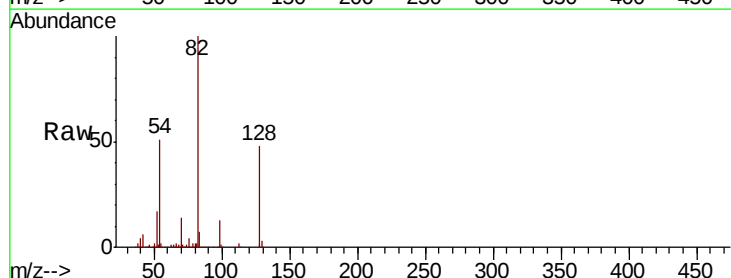
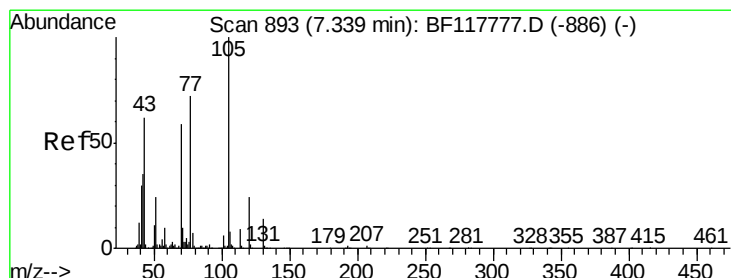
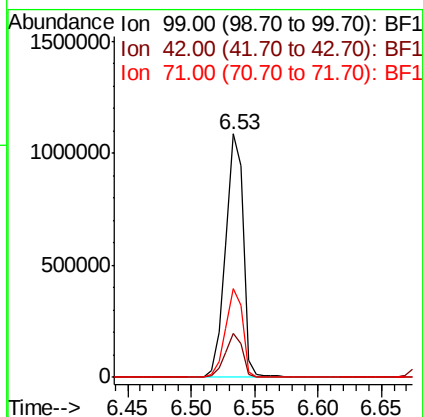
Tot Ion: 99 Resp: 1054299

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 36.4 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.120 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Tgt Ion: 70 Resp: 87410

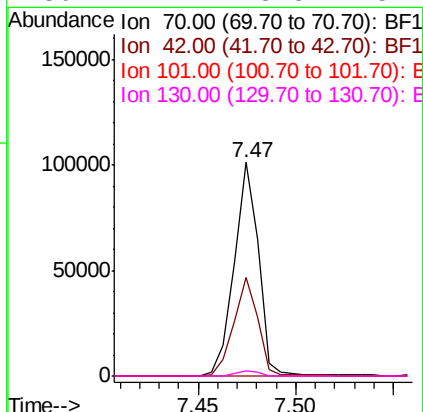
Ion Ratio Lower Upper

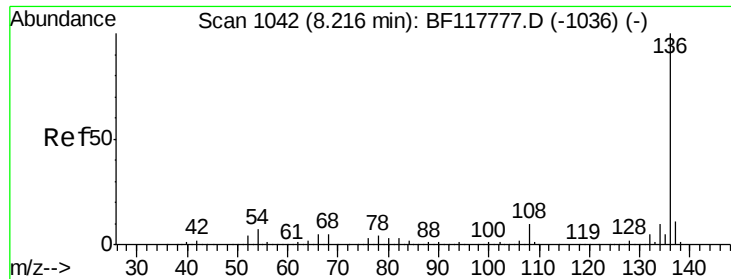
70 100

42 46.3 47.4 71.2#

101 0.0 8.4 12.6#

130 2.1 18.8 28.2#

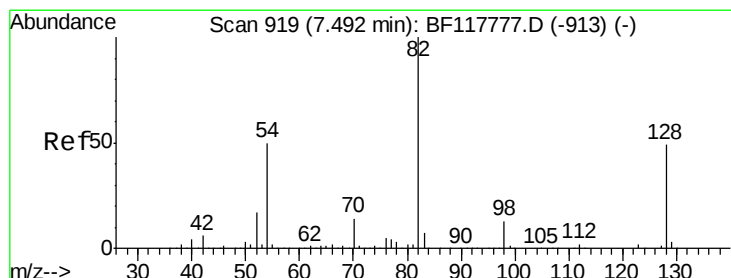
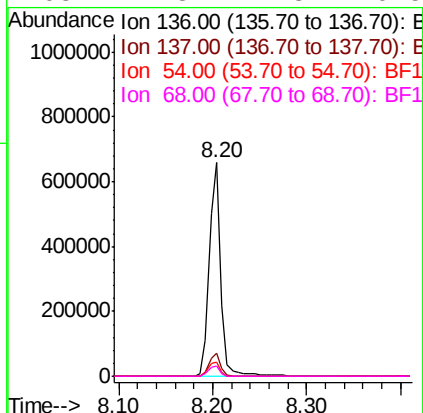
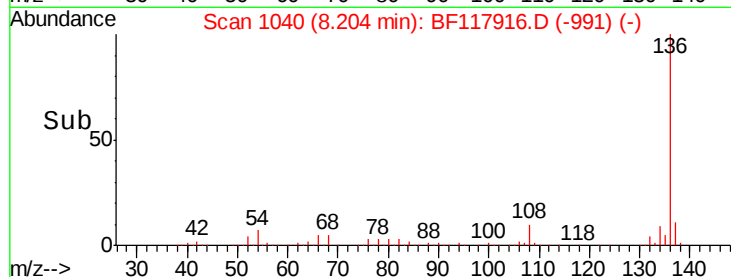
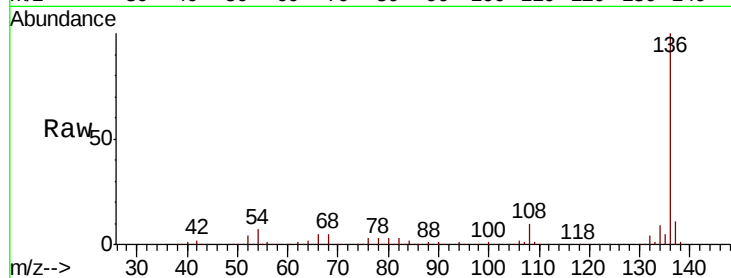




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

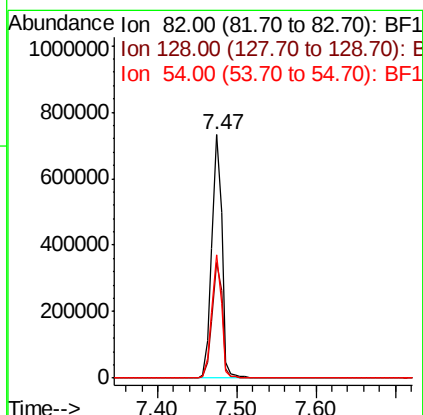
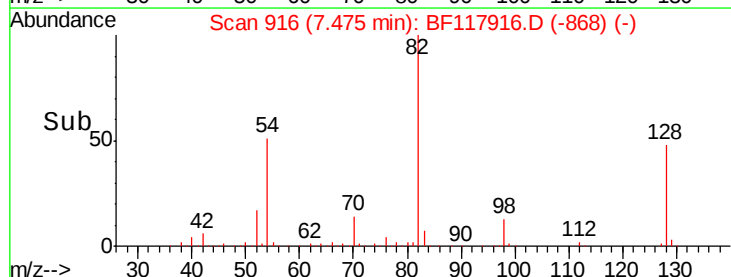
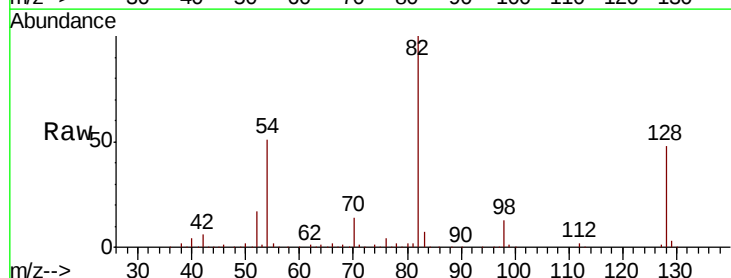
Instrument :
BNA_F
ClientSampleId :
1-(6-8)

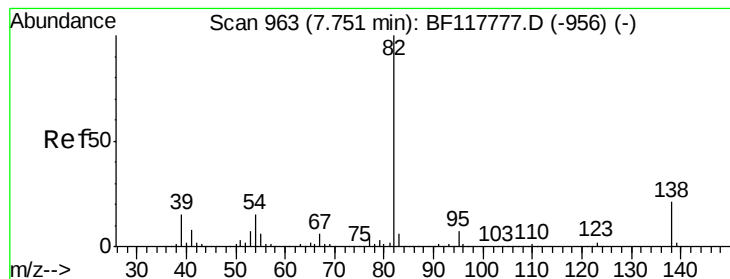
Tot Ion:136	Resp:	570146
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	6.7	5.4 8.2
68	4.8	4.3 6.5



#23
Nitrobenzene-d5
Concen: 68.066 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion: 82	Resp:	652824
Ion Ratio	Lower	Upper
82	100	
128	47.6	38.9 58.3
54	50.7	39.8 59.6





#25

Isophorone

Concen: 36.857 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.28 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampled :

1-(6-8)

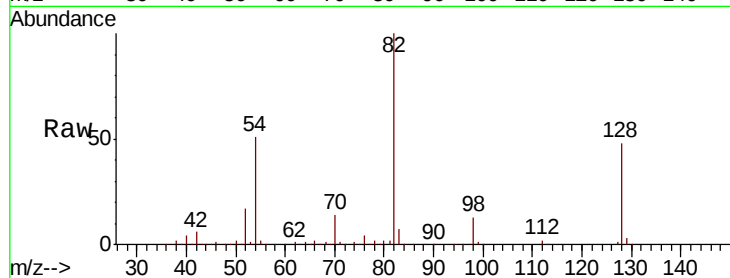
Tot Ion: 82 Resp: 647904

Ion Ratio Lower Upper

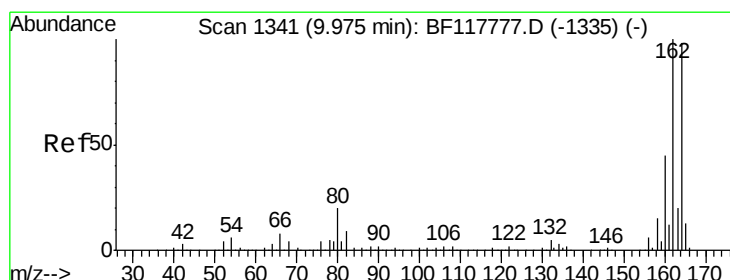
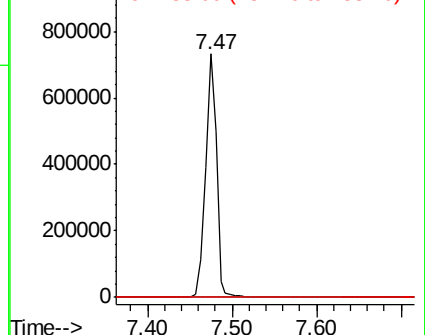
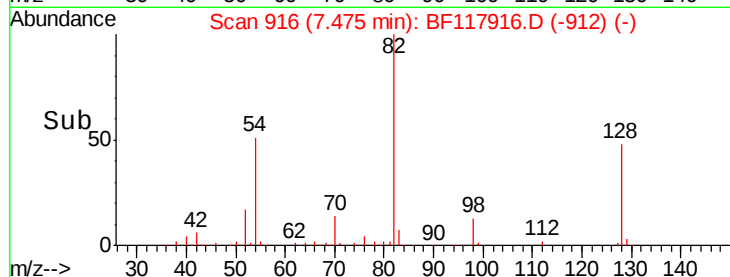
82 100

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: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

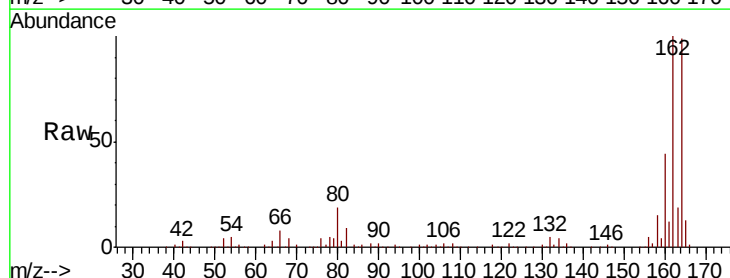
Tgt Ion: 164 Resp: 319969

Ion Ratio Lower Upper

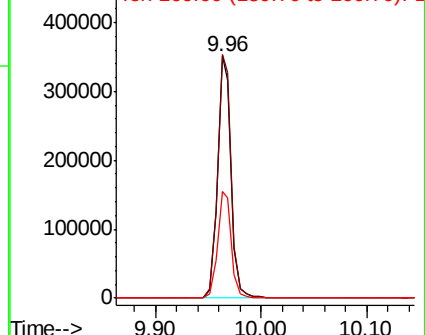
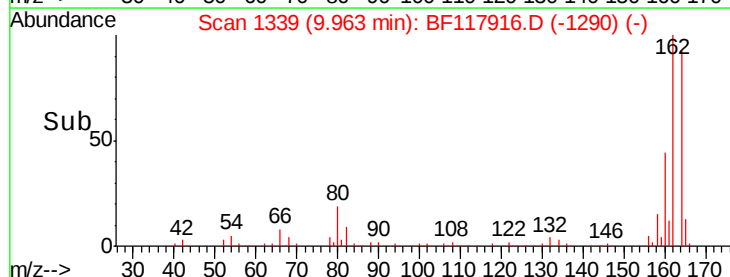
164 100

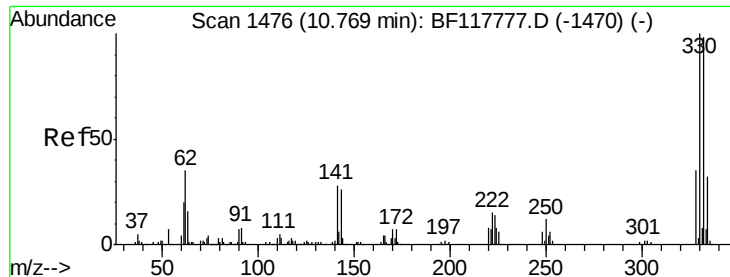
162 100.5 81.3 121.9

160 43.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 87.939 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampleId :

1-(6-8)

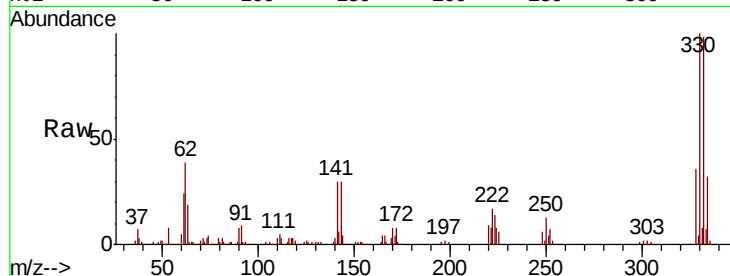
Tot Ion:330 Resp: 297890

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

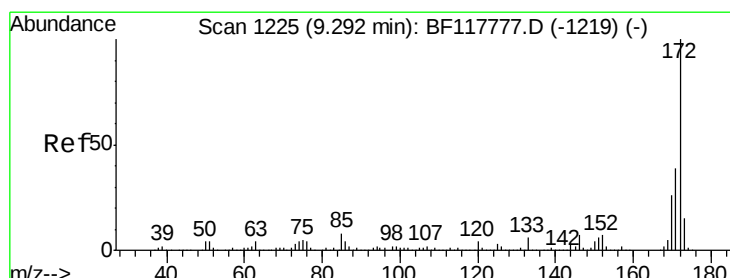
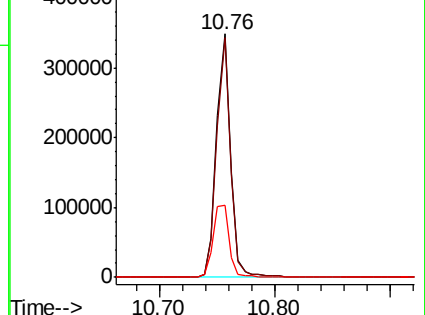
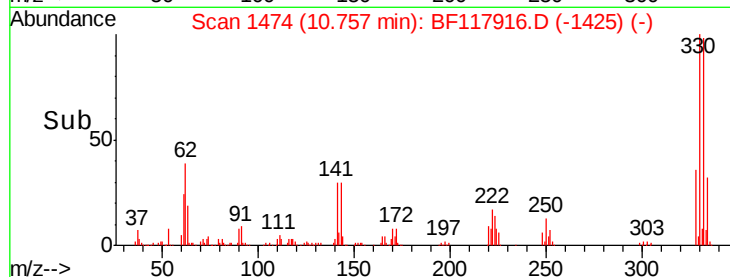
141 33.9 27.7 41.5



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: 69.370 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

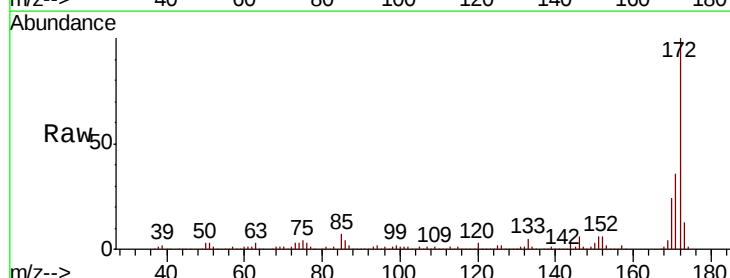
Tgt Ion:172 Resp: 1237222

Ion Ratio Lower Upper

172 100

171 36.0 30.9 46.3

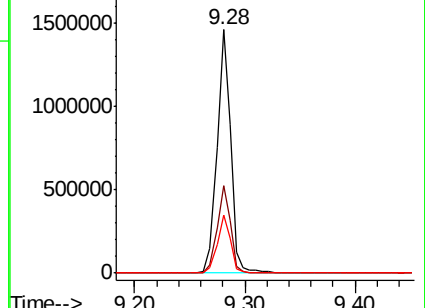
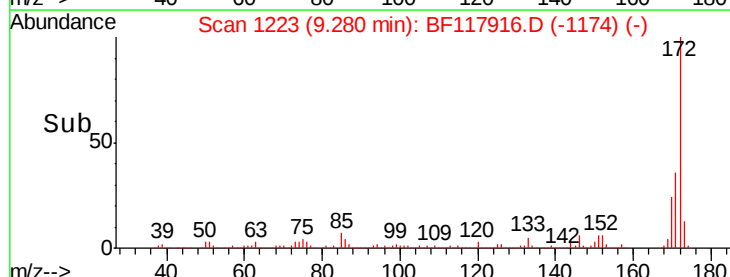
170 24.1 21.0 31.4

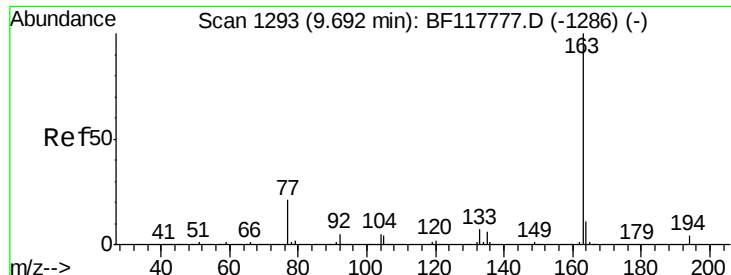


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

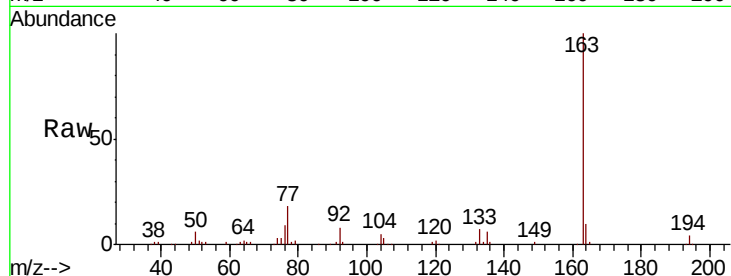




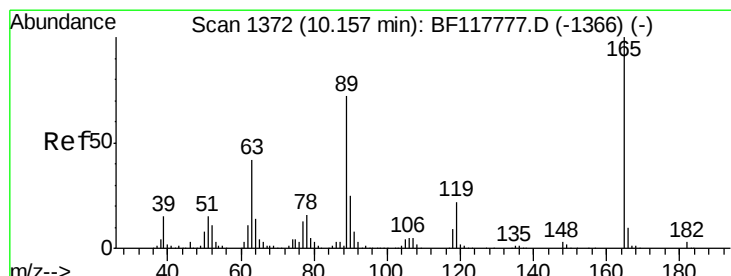
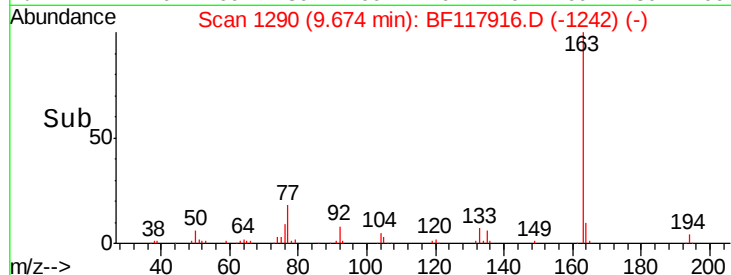
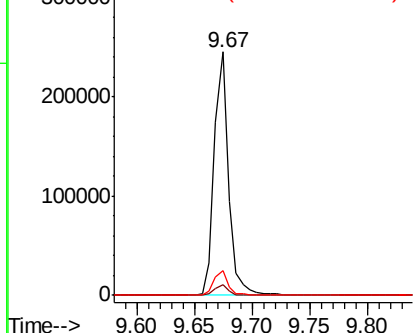
#50
Dimethylphthalate
Concen: 9.412 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Instrument :
BNA_F
ClientSampleId :
1-(6-8)

Tot Ion:163	Resp:	211172
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.3 4.9
164	9.9	8.7 13.1

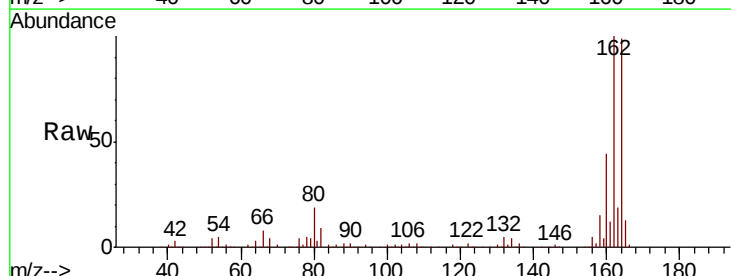


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

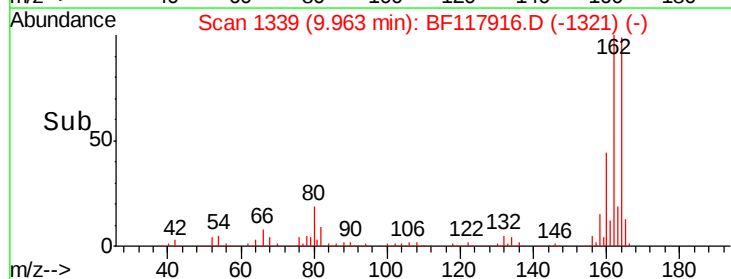
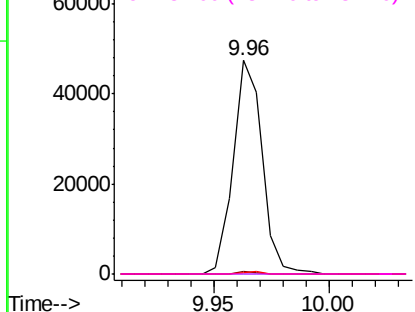


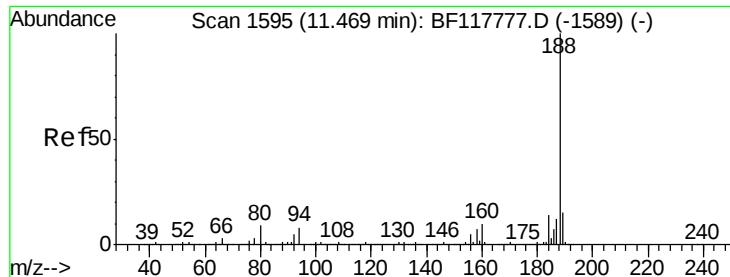
#57
2,4-Dinitrotoluene
Concen: 6.667 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion:165	Resp:	41586
Ion Ratio	Lower	Upper
165	100	
63	1.1	33.7 50.5#
89	0.9	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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampleId :

1-(6-8)

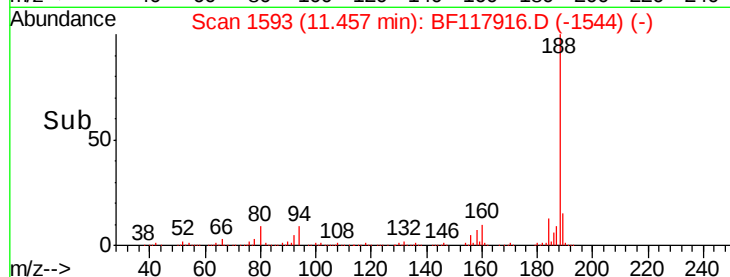
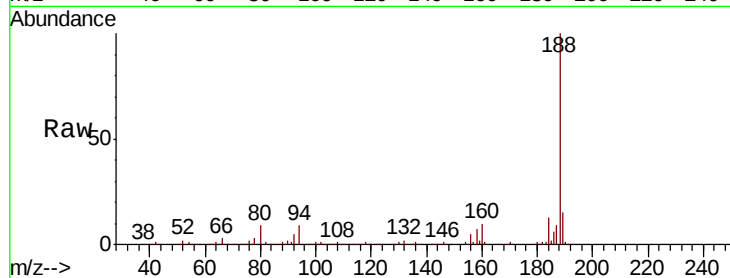
Tot Ion:188 Resp: 617872

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

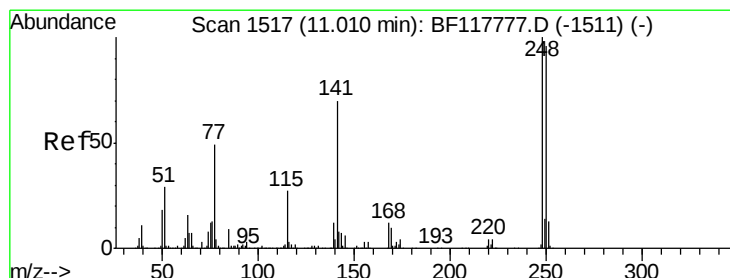
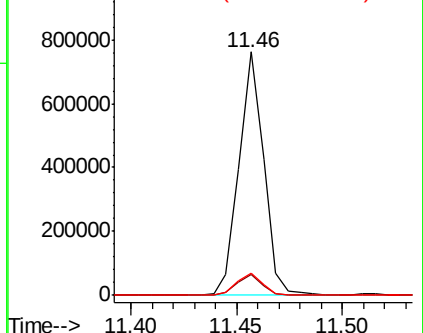
80 9.1 7.2 10.8



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: 2.871 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

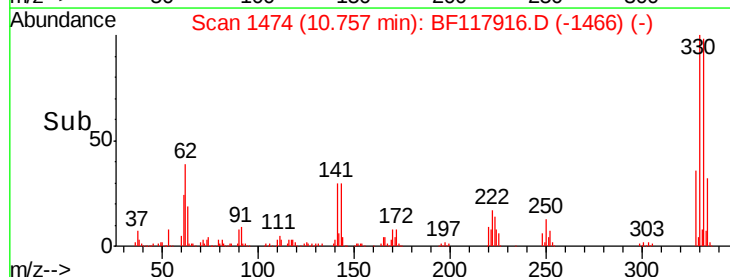
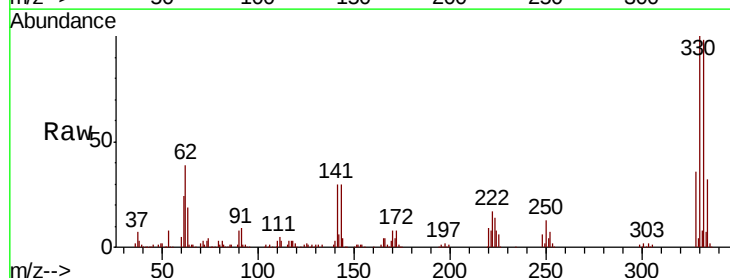
Tgt Ion:248 Resp: 19141

Ion Ratio Lower Upper

248 100

250 201.2 76.6 115.0#

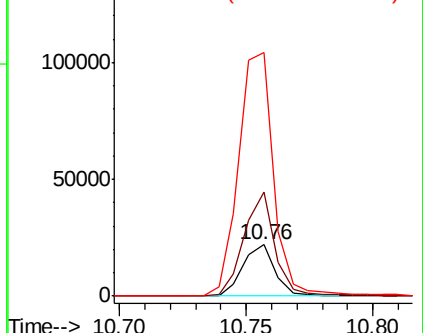
141 473.0 55.9 83.9#

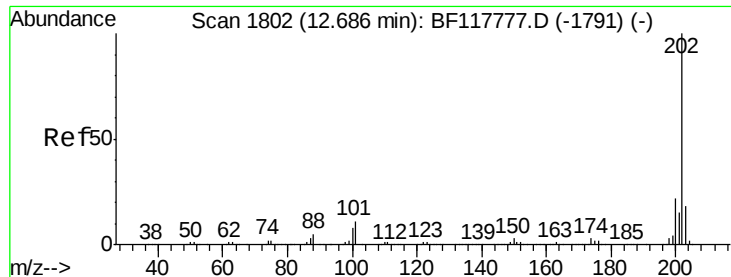


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

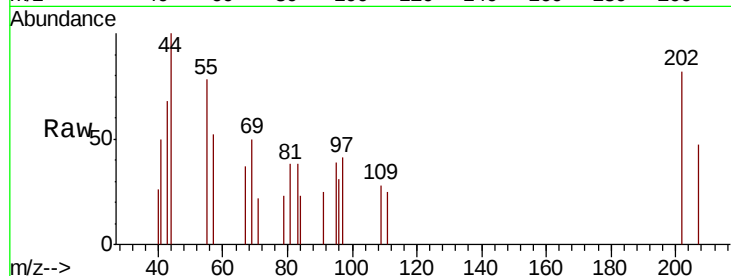




#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Instrument :
BNA_F
ClientSampleId :
1-(6-8)

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2

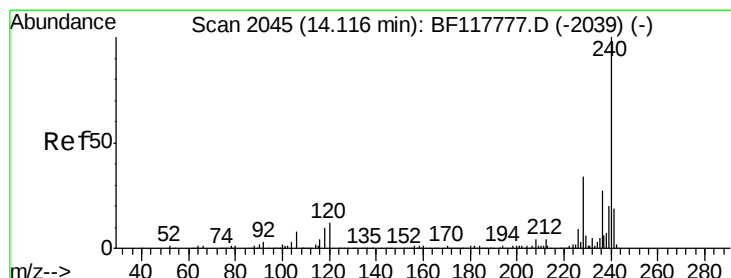
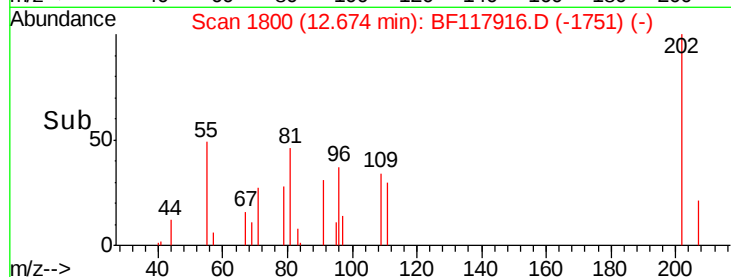
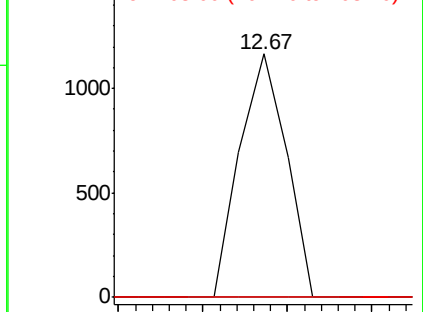


Abundance

Ion 202.00 (201.70 to 202.70): E

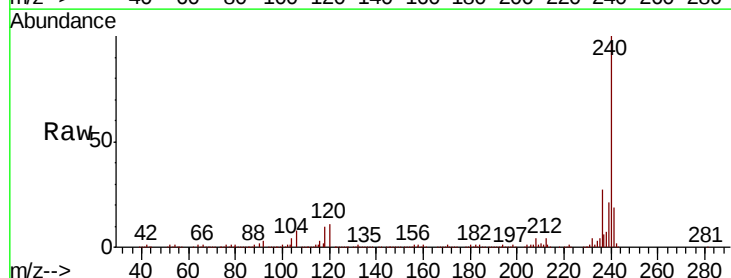
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117916.D
Acq: 21 Nov 2019 17:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.8	21.3	31.9

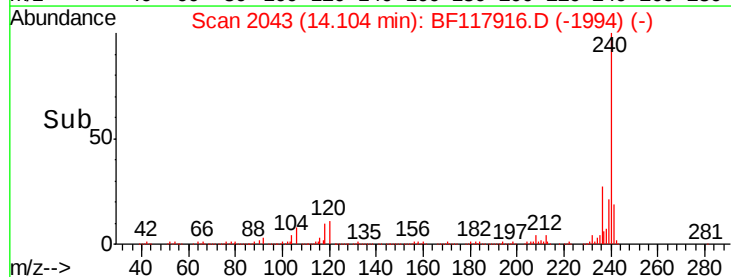
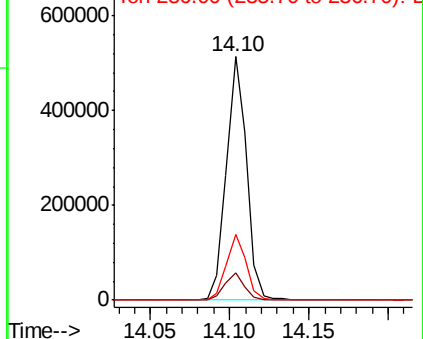


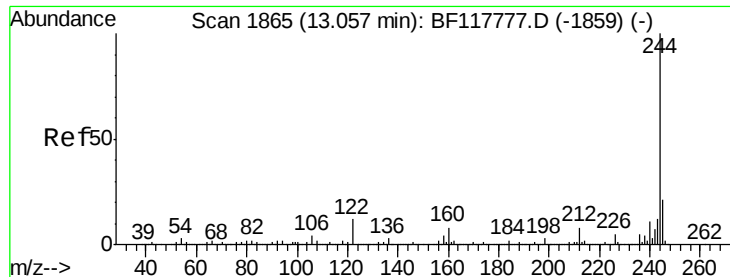
Abundance

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





#79

Terphenyl-d14

Concen: 65.691 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

Instrument :

BNA_F

ClientSampleId :

1-(6-8)

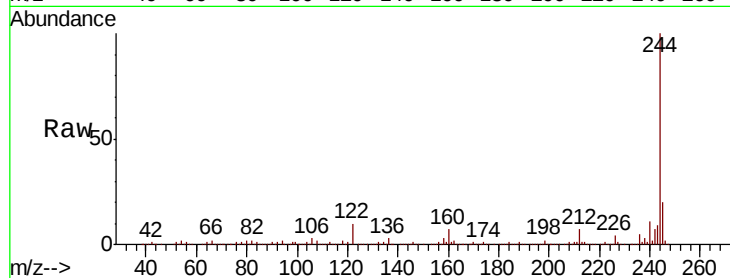
Tot Ion:244 Resp: 1632708

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

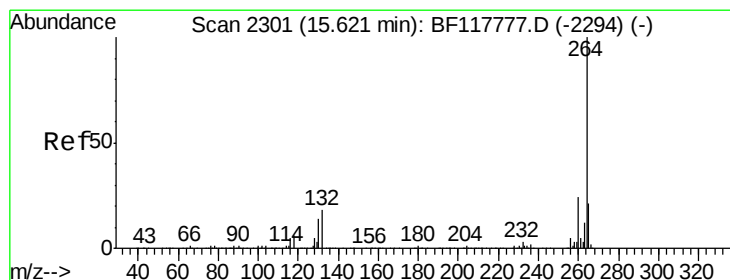
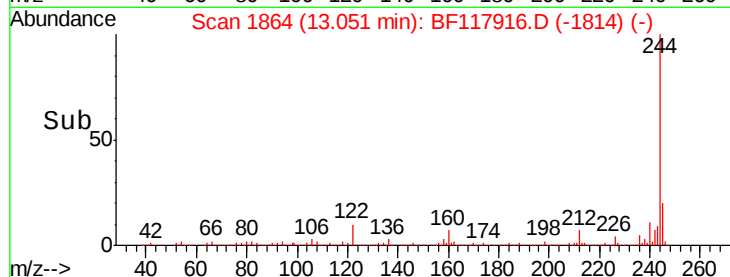
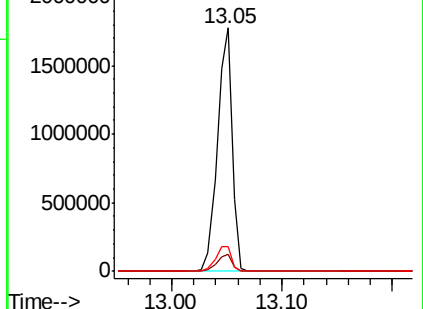
122 10.1 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117916.D

Acq: 21 Nov 2019 17:00

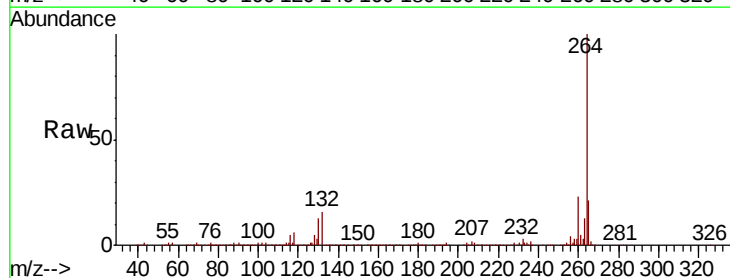
Tgt Ion:264 Resp: 485833

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.5 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

