

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117822.D
 Acq On : 16 Nov 2019 00:02
 Operator : JU
 Sample : K5861-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:43:32 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

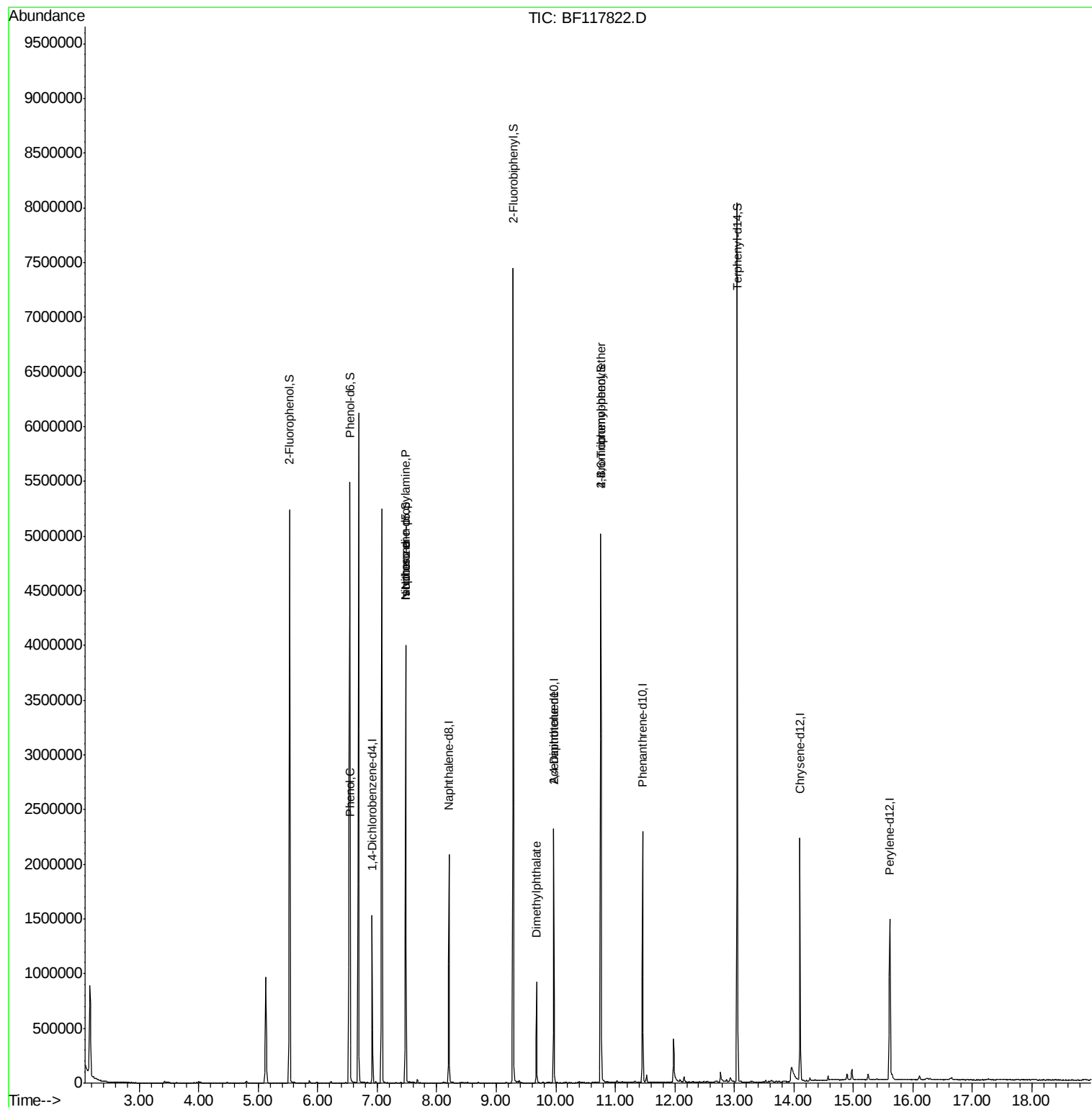
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	219301	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	846310	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	448875	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	873697	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	674870	20.00	ng	-0.01
87) Perylene-d12	15.61	264	719743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1589647	128.31	ng	0.00
7) Phenol-d6	6.54	99	1939036	129.76	ng	0.00
23) Nitrobenzene-d5	7.48	82	1199625	84.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	608624	128.07	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2263136	90.45	ng	0.00
79) Terphenyl-d14	13.05	244	2808999	76.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	3502	Below Cal		Qvalue
10) Phenol	6.55	94	87778	5.653 ng	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	162497	17.627 ng	#	77
25) Isophorone	7.48	82	1199607	45.973 ng	#	62
50) Dimethylphthalate	9.67	163	328060	10.422 ng		99
57) 2,4-Dinitrotoluene	9.97	165	57144	6.530 ng	#	24
67) 4-Bromophenyl-phenylether	10.76	248	38983	4.135 ng	#	1
75) Fluoranthene	12.67	202	765	Below Cal		63

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

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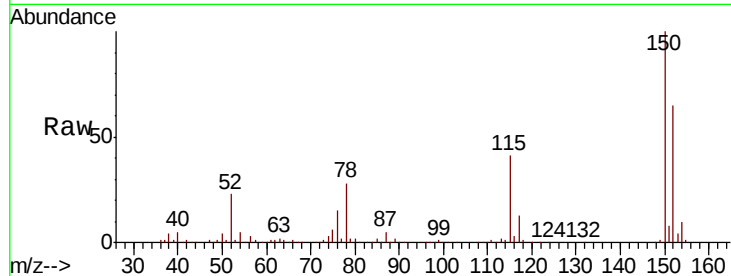


#1

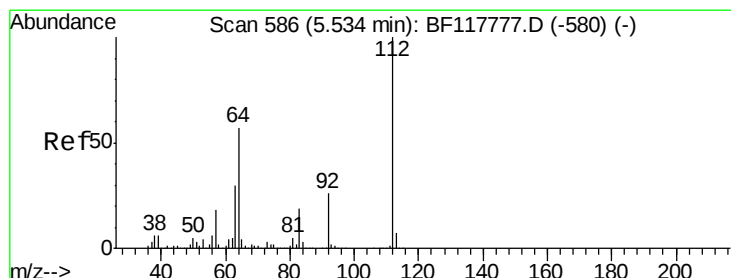
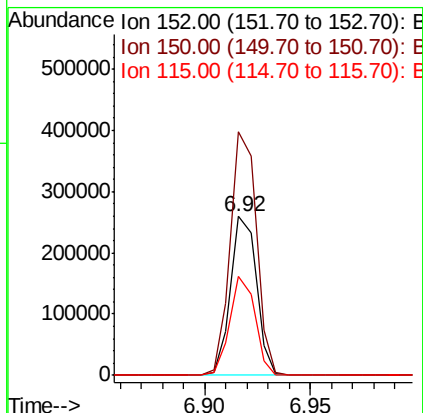
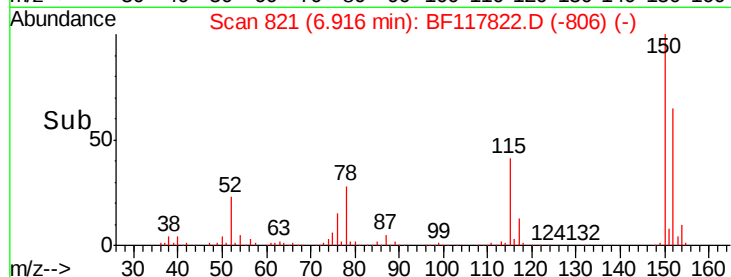
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 219301
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 62.7 47.0 70.4



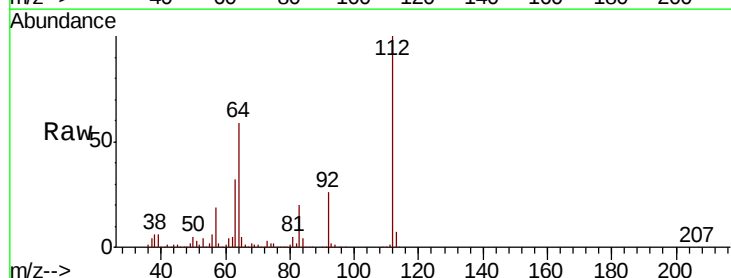
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



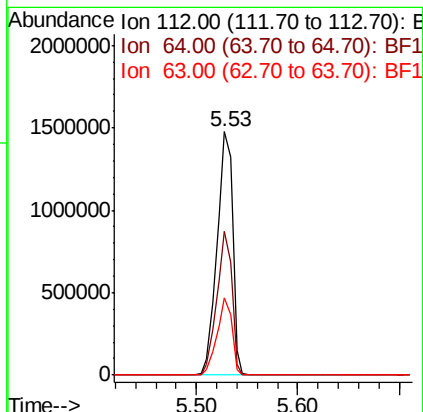
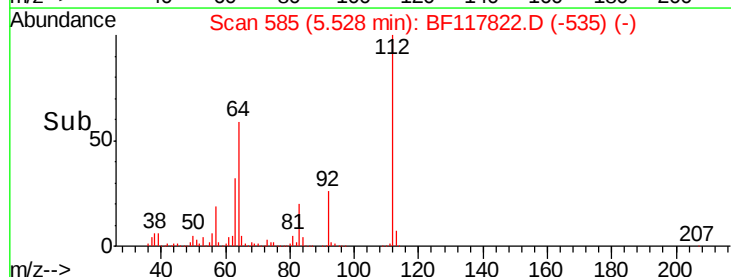
#5

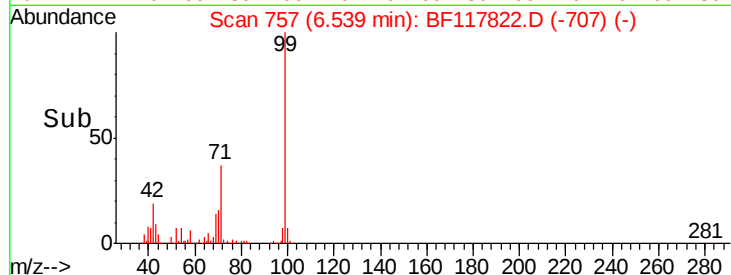
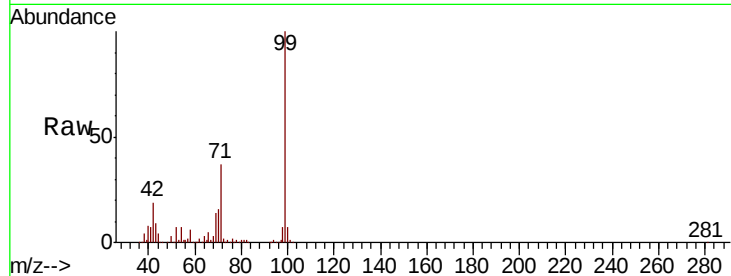
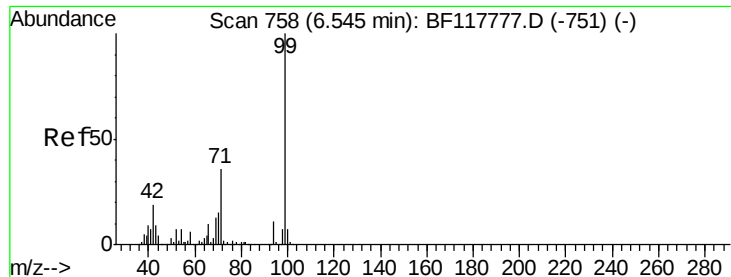
2-Fluorophenol
Concen: 128.310 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:112 Resp: 1589647
Ion Ratio Lower Upper
112 100
64 58.9 45.6 68.4
63 31.7 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: 129.759 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

Instrument :

BNA_F

ClientSampleId :

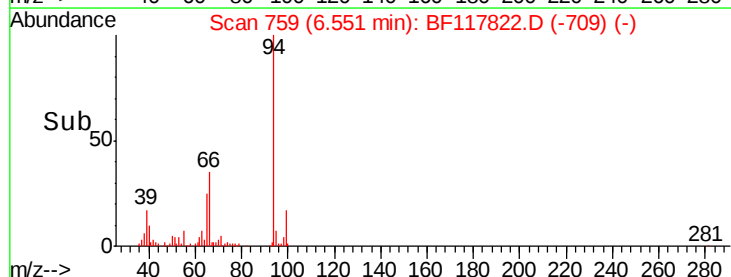
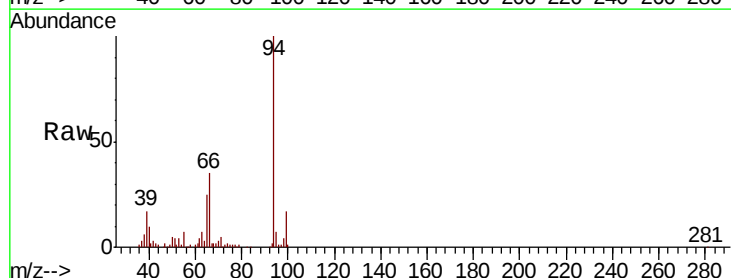
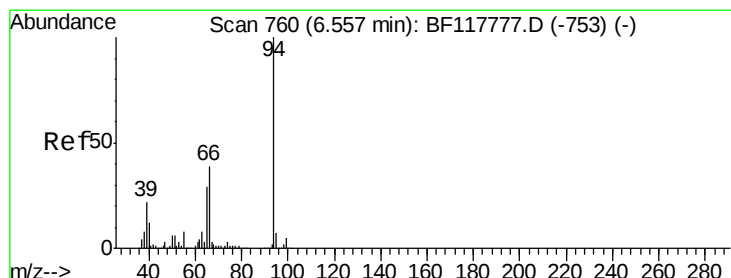
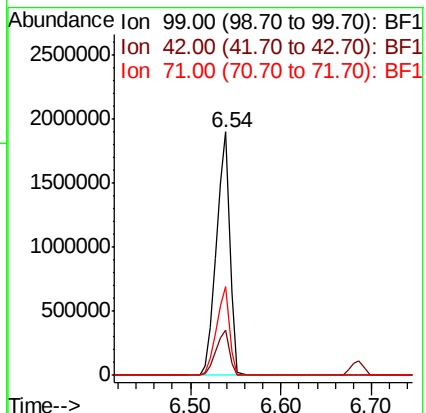
Tot Ion: 99 Resp: 1939036

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 36.7 28.6 43.0



#10

Phenol

Concen: 5.653 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

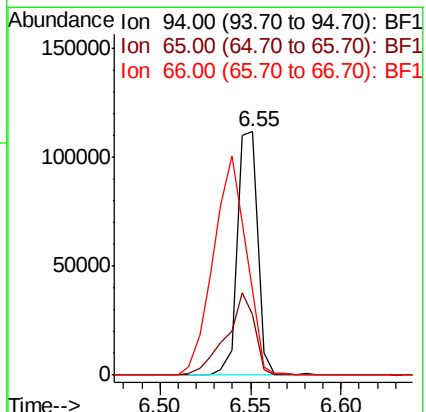
Tgt Ion: 94 Resp: 87778

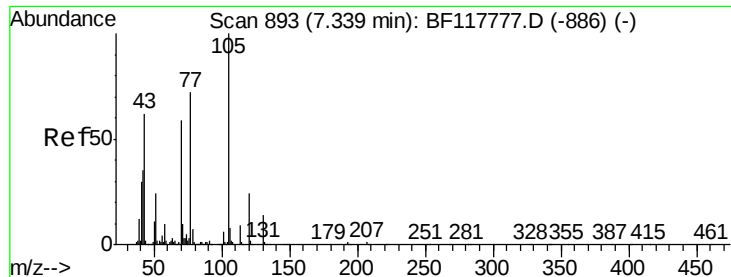
Ion Ratio Lower Upper

94 100

65 24.7 8.9 48.9

66 34.8 18.7 58.7

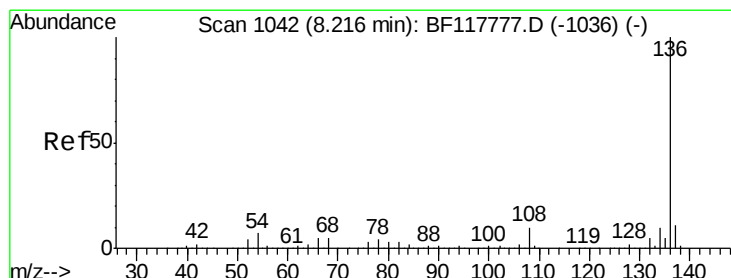
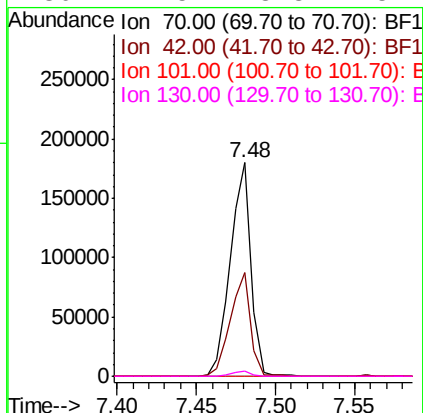
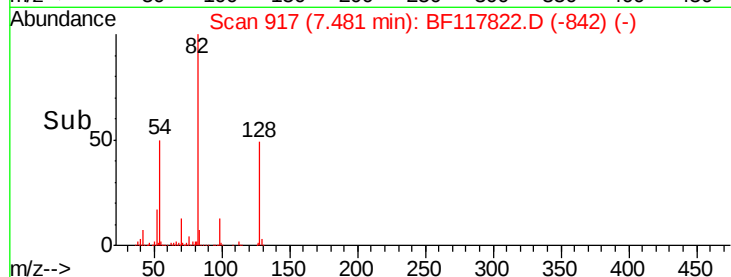
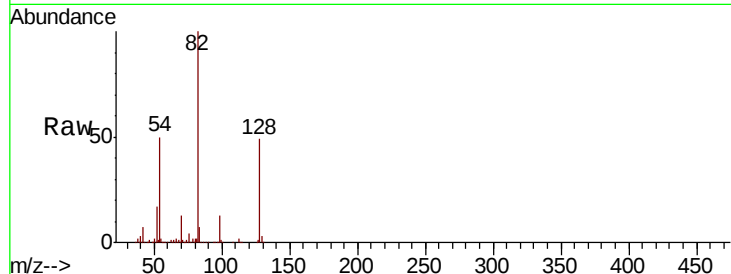




#19
n-Nitroso-di-n-propylamine
Concen: 17.627 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

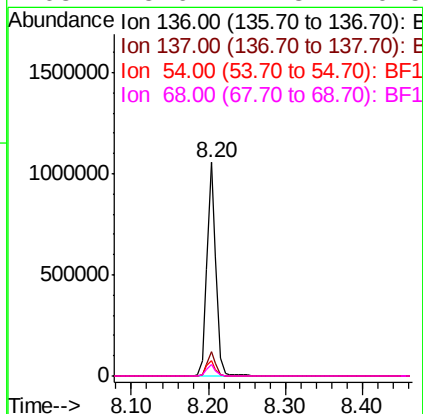
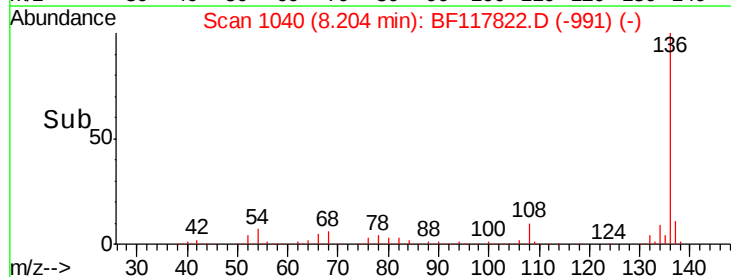
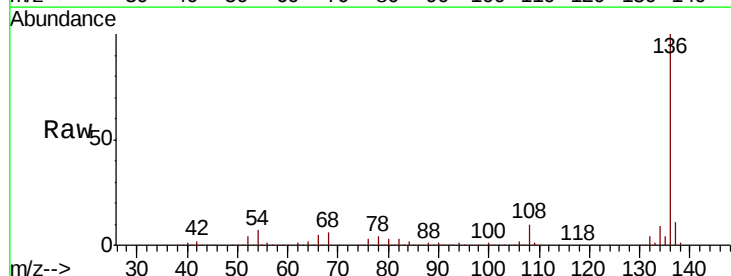
Instrument :
BNA_F
ClientSampleId :

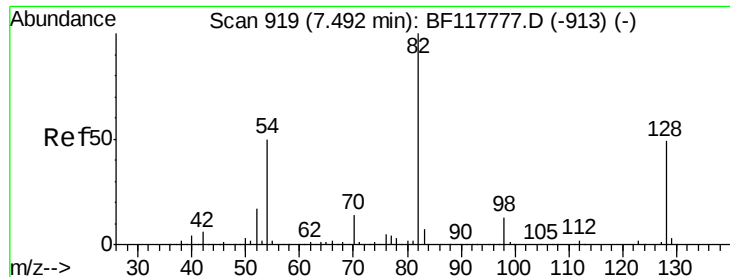
Tot Ion: 70 Resp: 162497
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 8.4 12.6#
130 2.5 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion: 136 Resp: 846310
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.4 5.4 8.2
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.263 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

Instrument :

BNA_F

ClientSampleId :

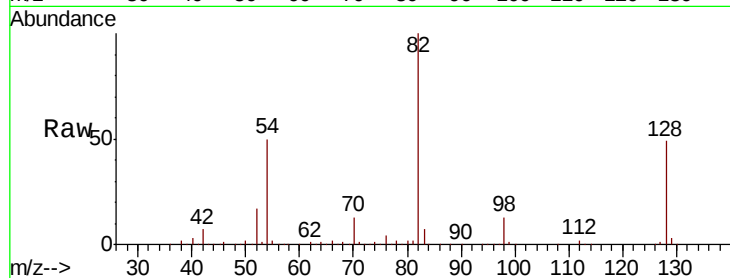
Tot Ion: 82 Resp: 1199625

Ion Ratio Lower Upper

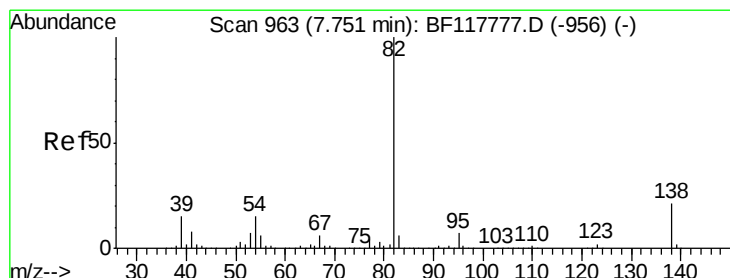
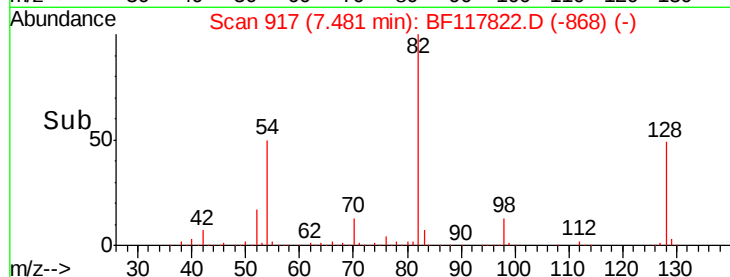
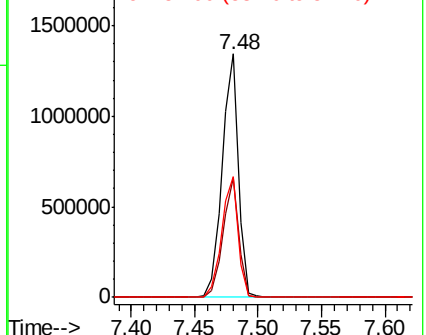
82 100

128 49.0 38.9 58.3

54 49.7 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: 45.973 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF117822.D

Acq: 16 Nov 2019 00:02

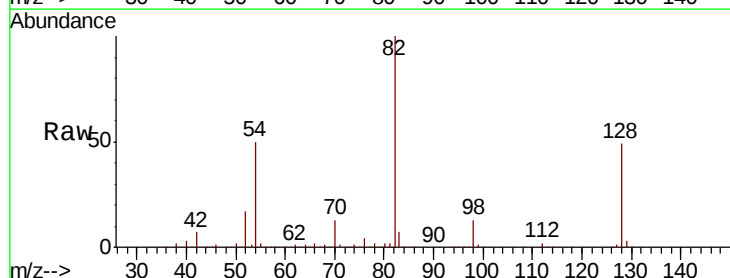
Tgt Ion: 82 Resp: 1199607

Ion Ratio Lower Upper

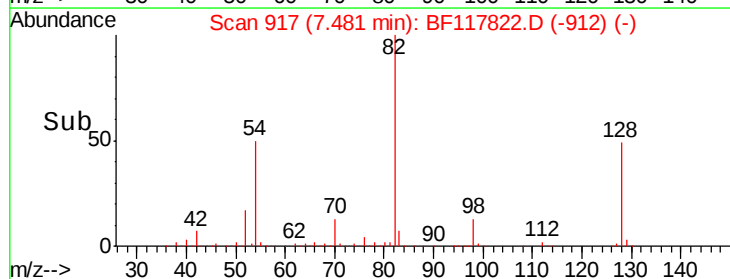
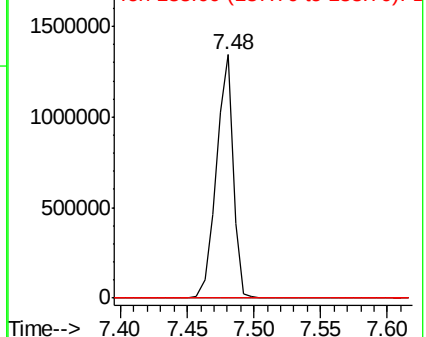
82 100

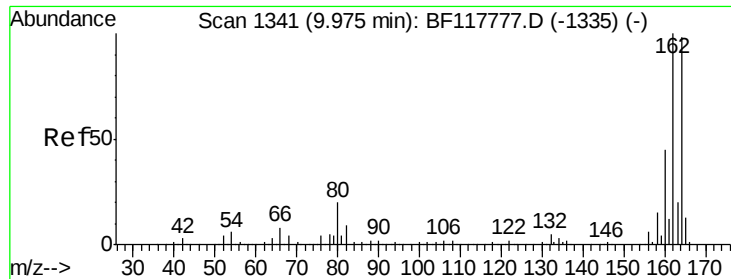
95 0.0 5.8 8.8#

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

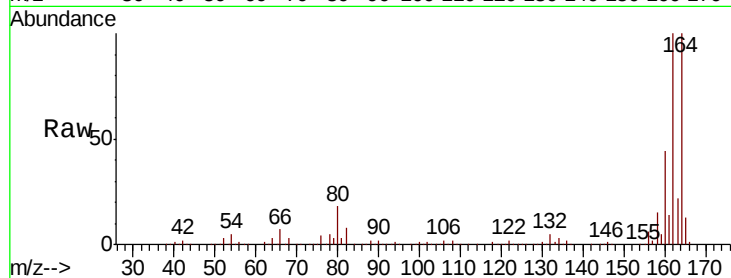




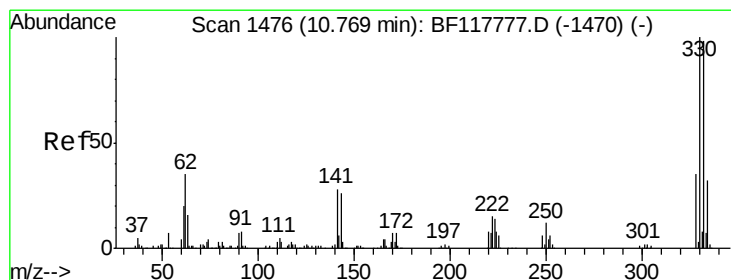
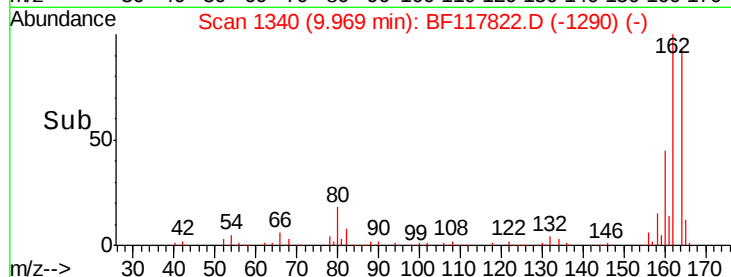
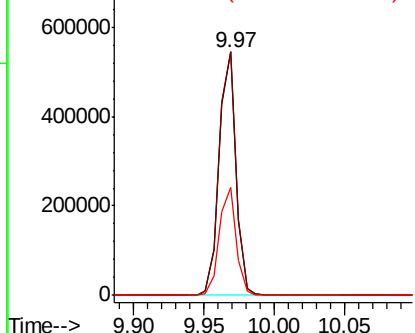
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 448875
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.5 36.6 55.0

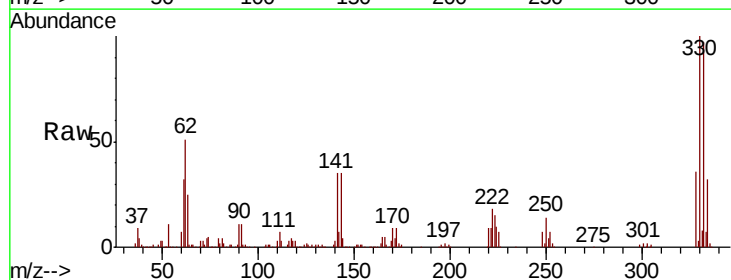


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

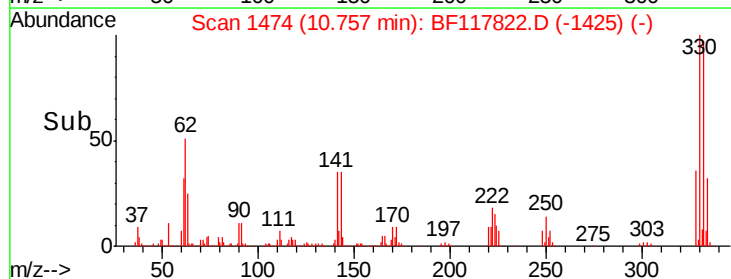
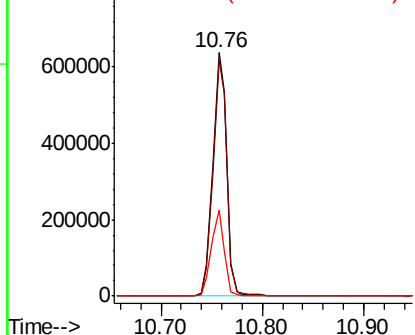


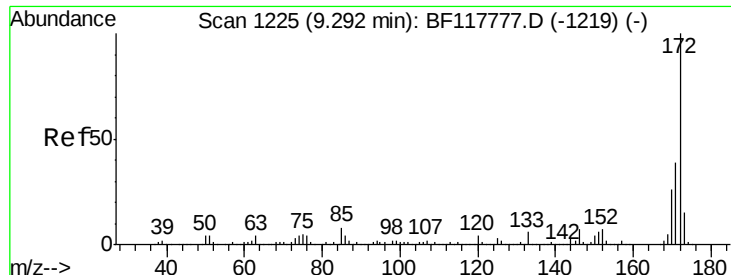
#42
2,4,6-Tribromophenol
Concen: 128.072 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:330 Resp: 608624
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 33.5 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

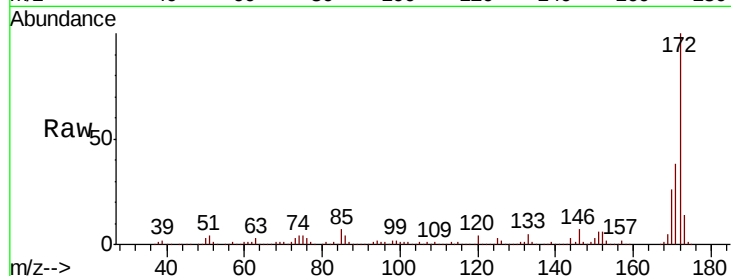




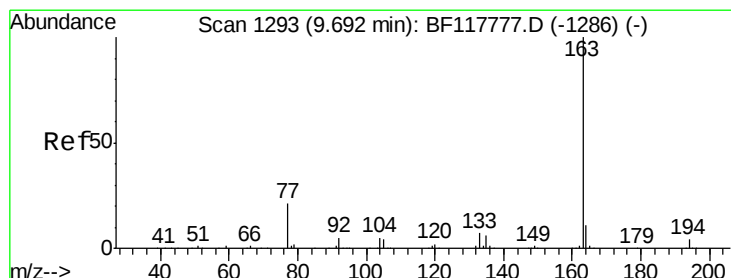
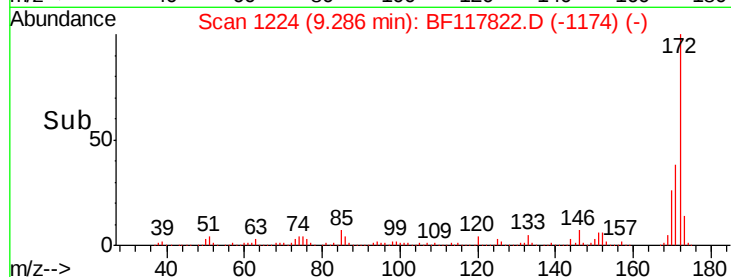
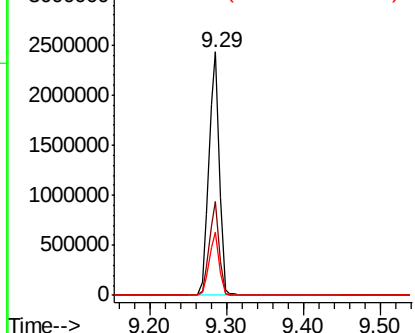
#45
2-Fluorobiphenyl
Concen: 90.452 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2263136
Ion Ratio Lower Upper
172 100
171 38.4 30.9 46.3
170 25.8 21.0 31.4

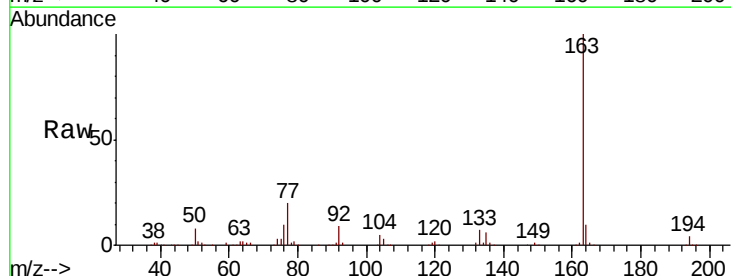


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

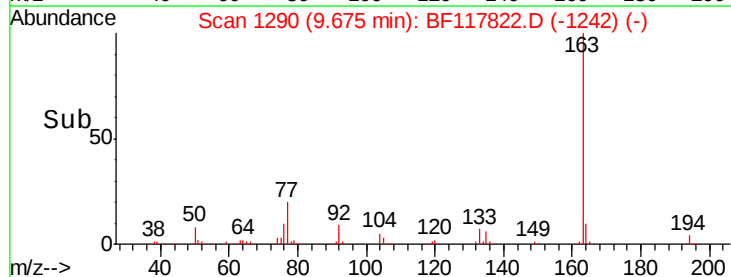
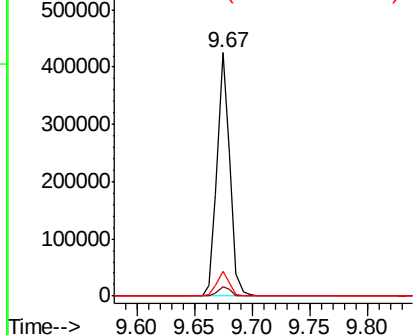


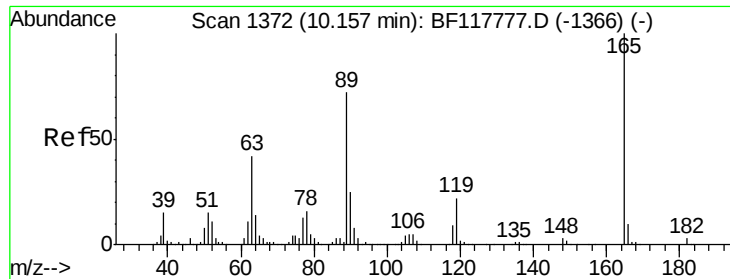
#50
Dimethylphthalate
Concen: 10.422 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion:163 Resp: 328060
Ion Ratio Lower Upper
163 100
194 4.0 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

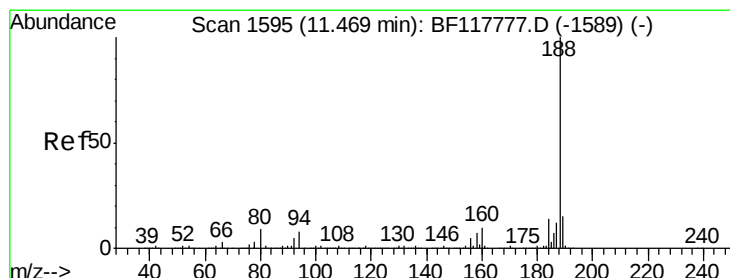
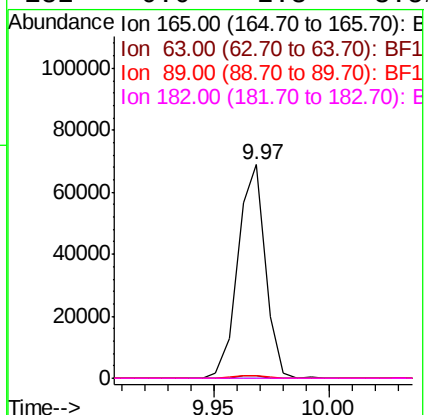
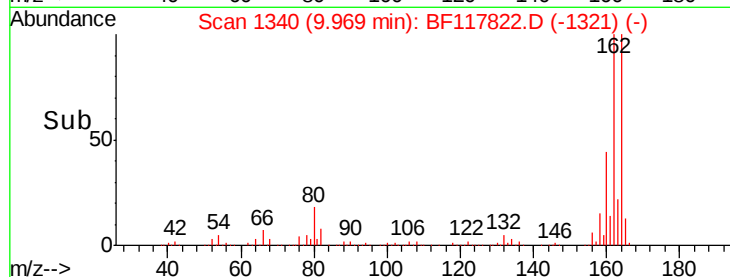
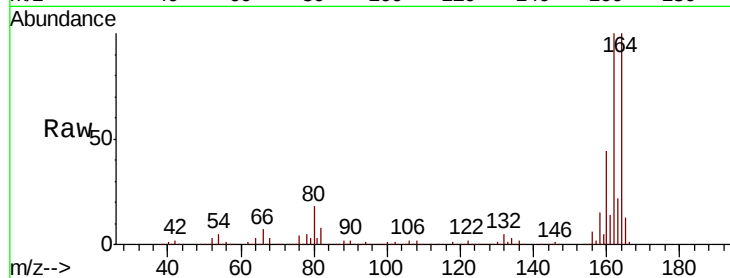




#57
2,4-Dinitrotoluene
Concen: 6.530 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

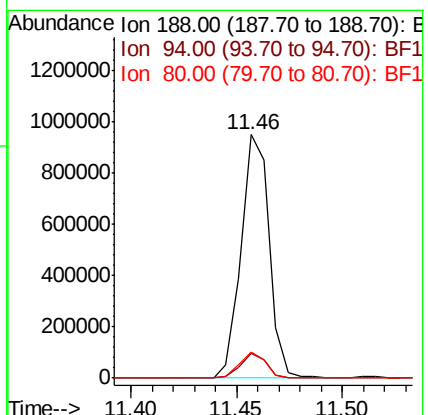
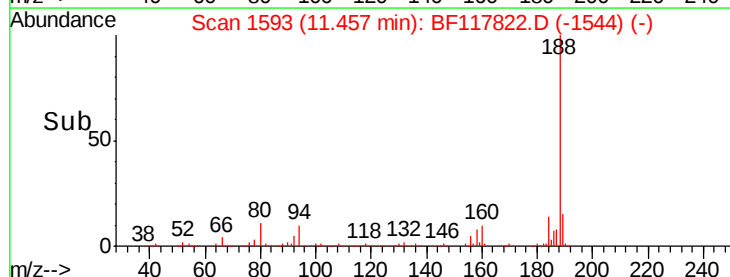
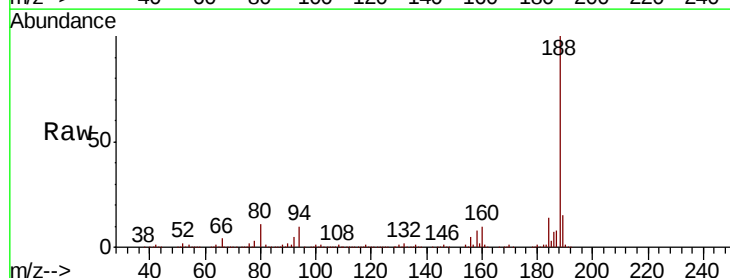
Instrument :
BNA_F
ClientSampled :

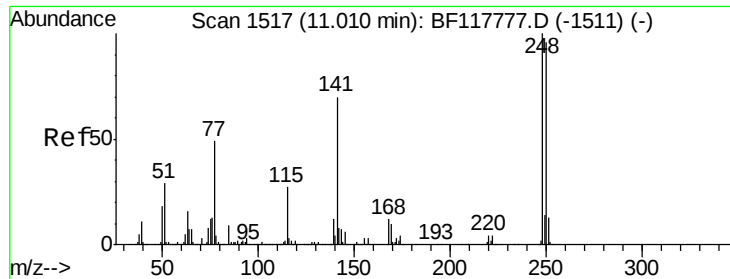
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.7	50.5#
89	1.1	57.3	85.9#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.6	10.0#
80	10.6	7.2	10.8

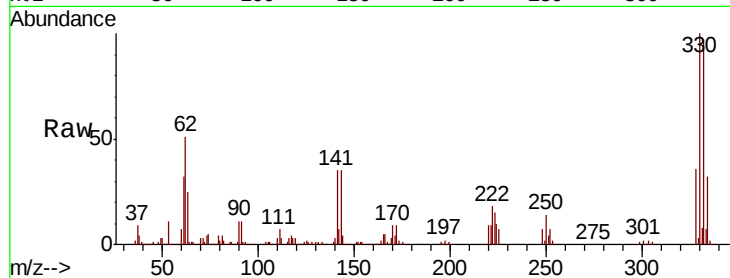




#67
4-Bromophenyl-phenylether
Concen: 4.135 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117822.D
Acq: 16 Nov 2019 00:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.3	76.6	115.0#
141	517.3	55.9	83.9#

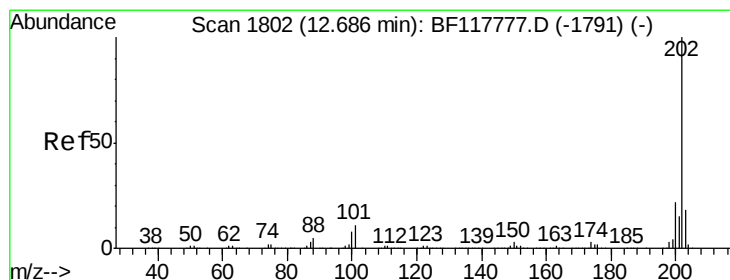
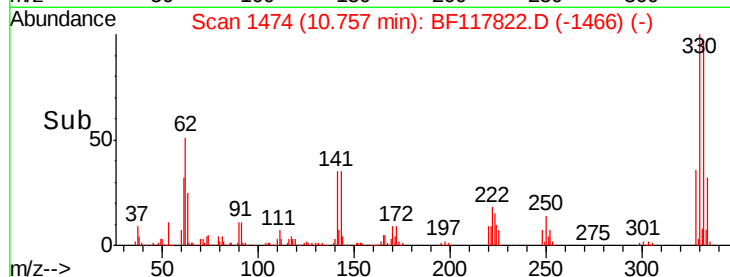
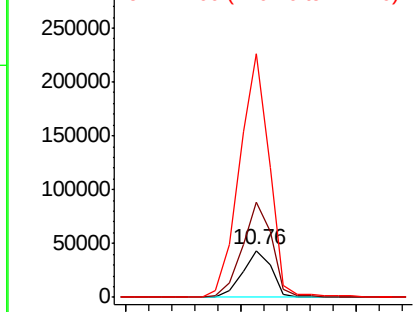


Abundance

Ion 248.00 (247.70 to 248.70): E

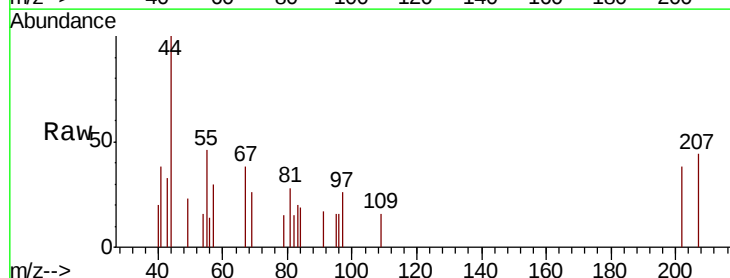
Ion 250.00 (249.70 to 250.70): E

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: BF117822.D
Acq: 16 Nov 2019 00:02

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

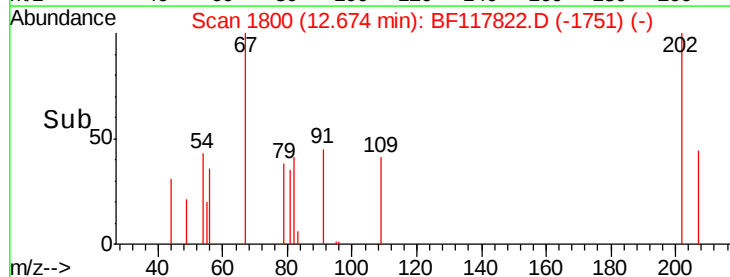
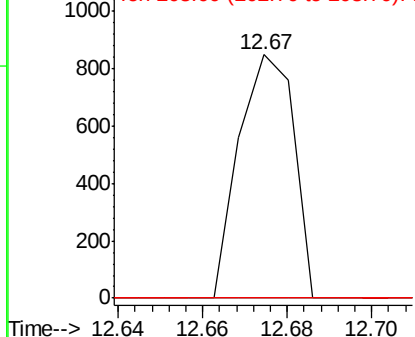


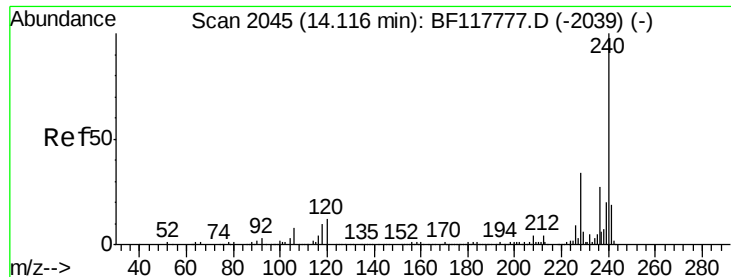
Abundance

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

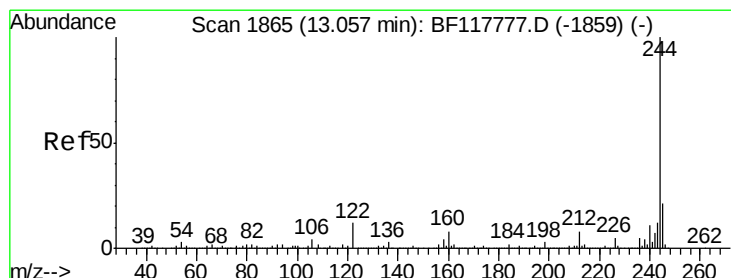
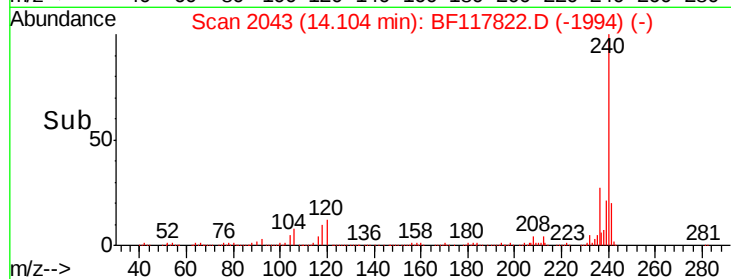
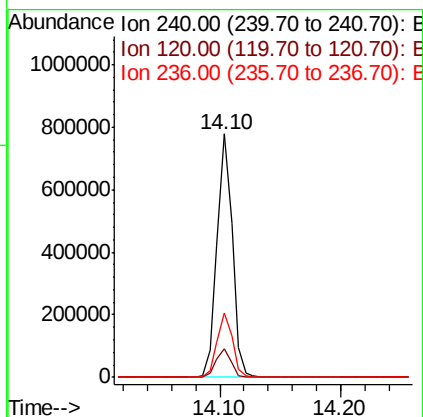
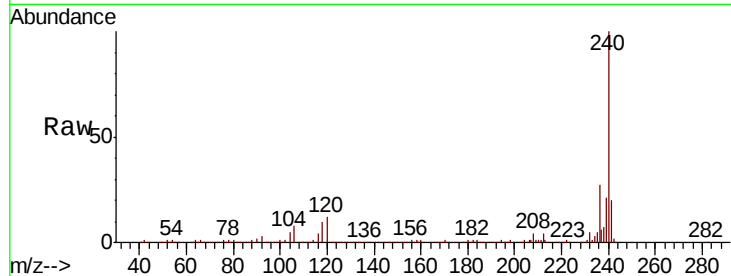




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117822.D
 Acq: 16 Nov 2019 00:02

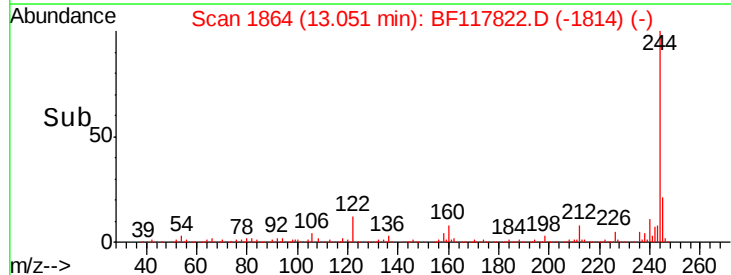
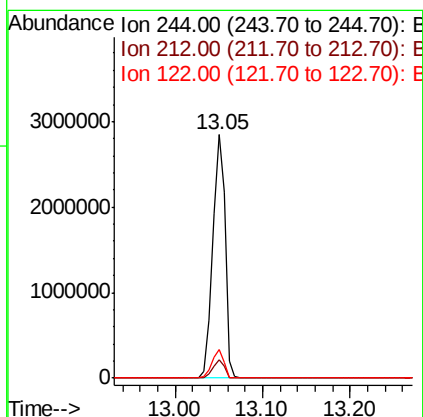
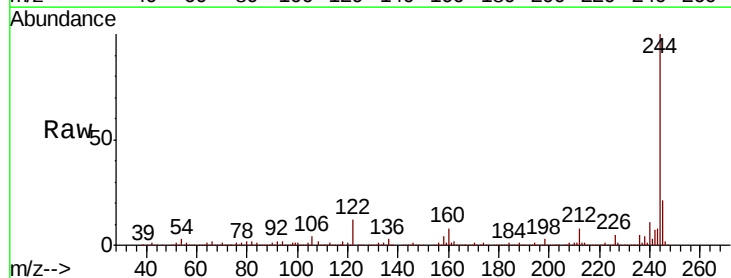
Instrument :
 BNA_F
 ClientSampleId :

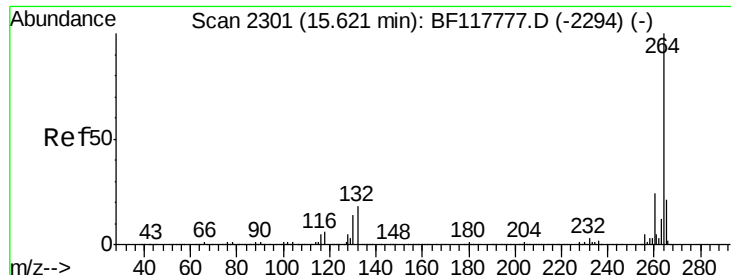
Tot Ion:240 Resp: 674870
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 76.070 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117822.D
 Acq: 16 Nov 2019 00:02

Tgt Ion:244 Resp: 2808999
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 11.9 9.4 14.2

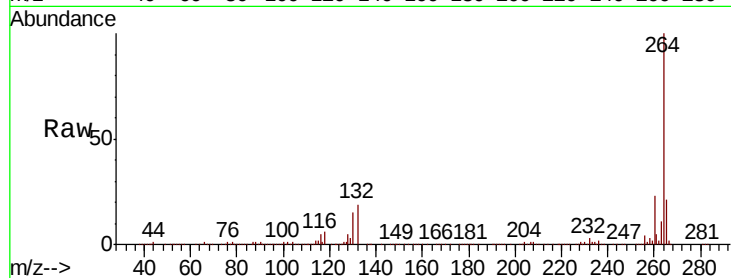




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BF117822.D
 Acq: 16 Nov 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.4	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

