

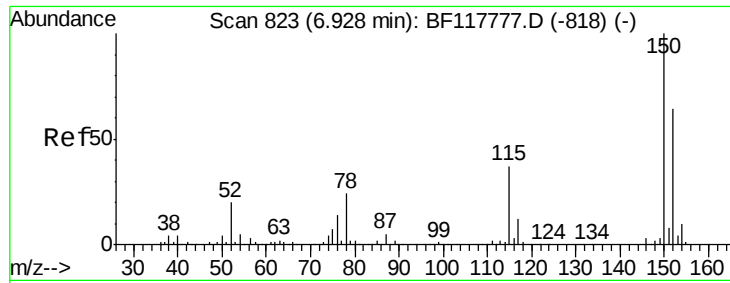
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118099.D
 Acq On : 4 Dec 2019 21:15
 Operator : JU
 Sample : K6098-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:41:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167152	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664501	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	360732	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	679341	20.00	ng	0.00
76) Chrysene-d12	14.07	240	538075	20.00	ng	0.00
87) Perylene-d12	15.57	264	468688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	950737	100.68	ng	0.01
7) Phenol-d6	6.50	99	836352	73.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	994903	89.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	573447	150.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1813644	90.20	ng	0.00
79) Terphenyl-d14	13.02	244	2517417	85.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	5037	Below Cal		Qvalue # 88
10) Phenol	6.52	94	93278	7.881 ng		97
15) Benzyl Alcohol	7.03	79	19597	2.229 ng	#	46
18) Hexachloroethane	7.41	117	50153	11.196 ng	#	20
19) n-Nitroso-di-n-propylamine	7.44	70	132225	18.818 ng	#	75
25) Isophorone	7.44	82	989030	48.273 ng	#	63
50) Dimethylphthalate	9.64	163	446706	17.659 ng		100
52) Acenaphthene	9.96	154	43296	2.106 ng		92
54) 2,4-Dinitrophenol	10.00	184	120	7.263 ng	#	1
58) Fluorene	10.47	166	87229	3.953 ng		96
67) 4-Bromophenyl-phenylether	10.72	248	36481	4.977 ng	#	1
75) Fluoranthene	12.64	202	13079	Below Cal		88

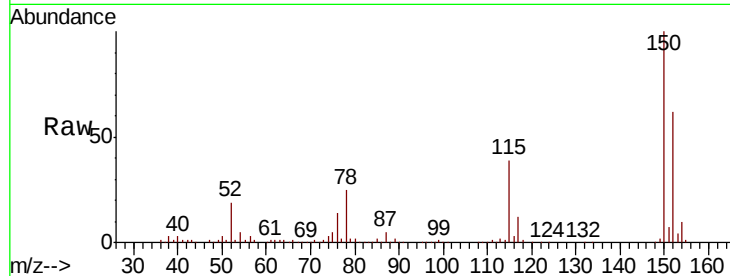
(#) = qualifier out of range (m) = manual integration (+) = signals summed



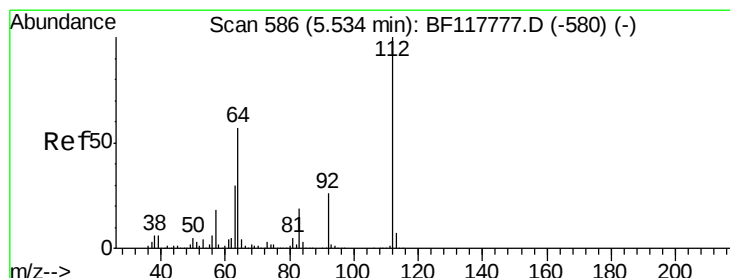
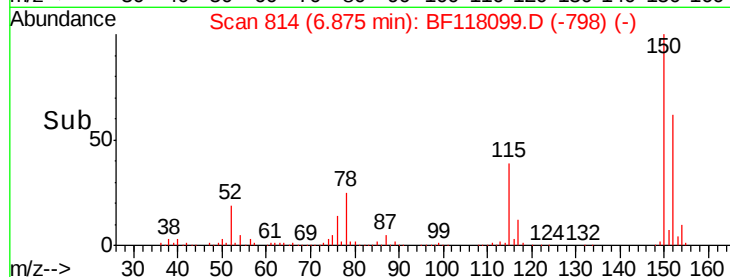
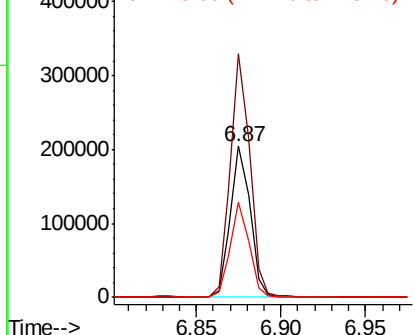
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 167152
 Ion Ratio Lower Upper
 152 100
 150 161.0 121.4 182.2
 115 62.7 48.8 73.2

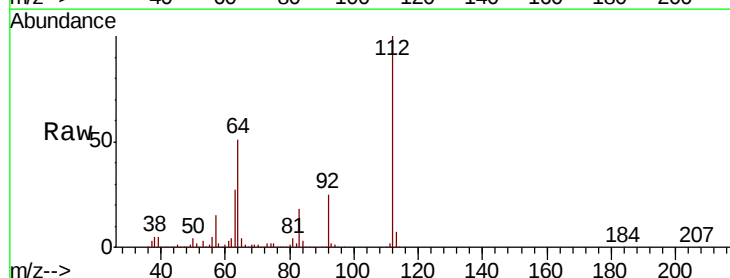


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

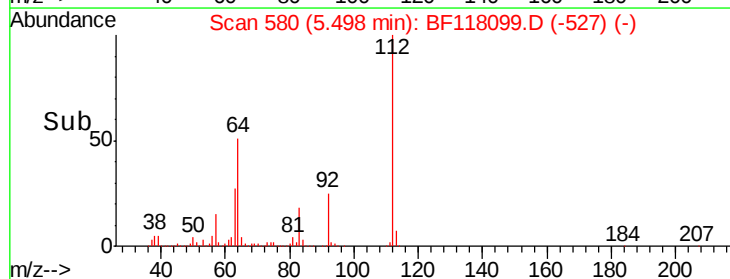
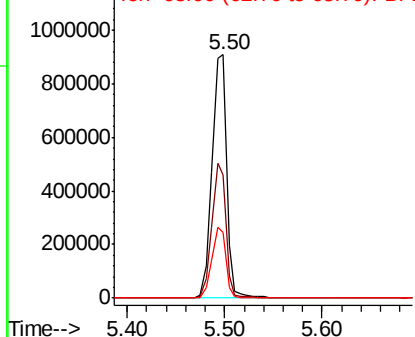


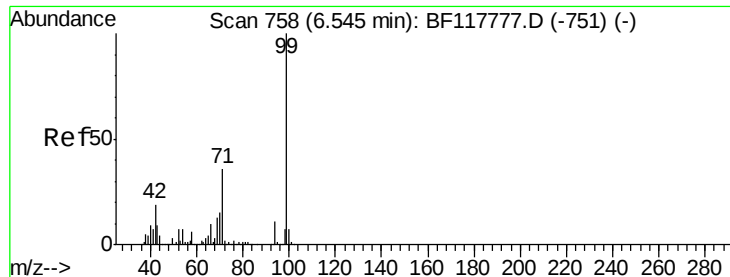
#5
 2-Fluorophenol
 Concen: 100.681 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Tgt Ion:112 Resp: 950737
 Ion Ratio Lower Upper
 112 100
 64 50.9 45.1 67.7
 63 26.9 24.6 37.0



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: 73.430 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

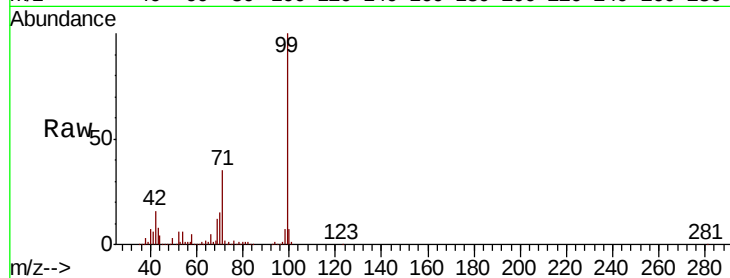
Tot Ion: 99 Resp: 836352

Ion Ratio Lower Upper

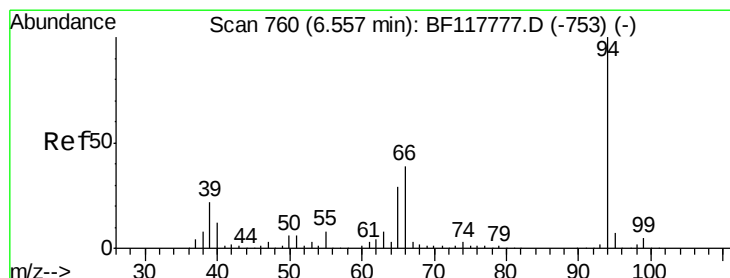
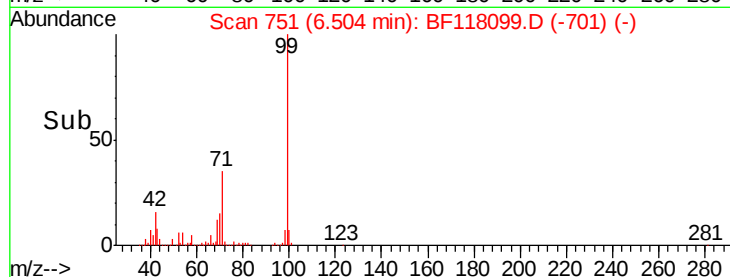
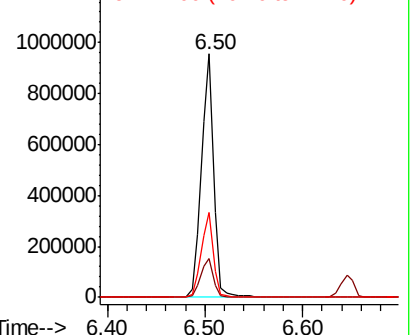
99 100

42 16.0 14.0 21.0

71 34.6 29.2 43.8



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: 7.881 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

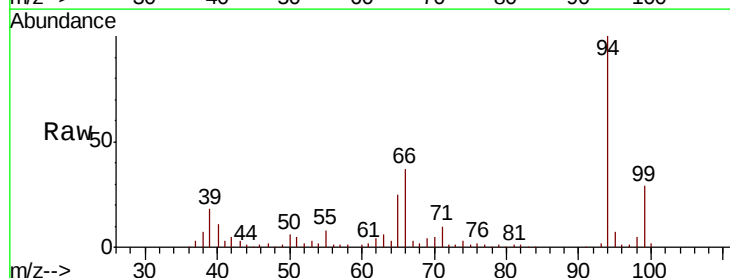
Tgt Ion: 94 Resp: 93278

Ion Ratio Lower Upper

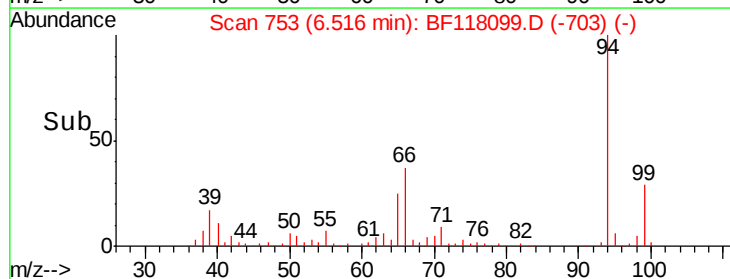
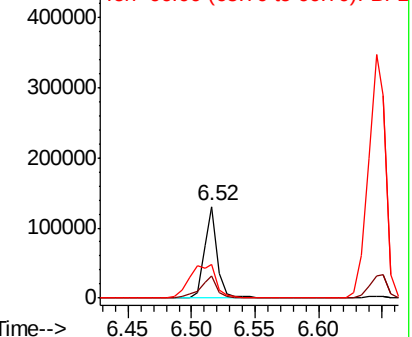
94 100

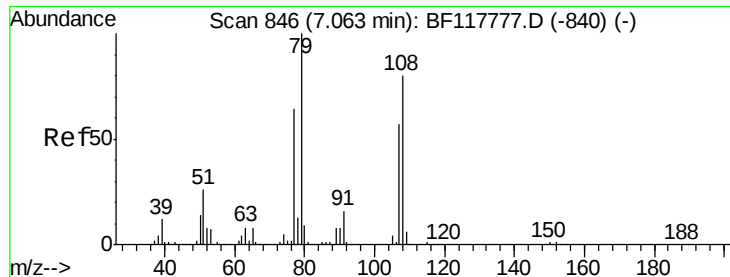
65 24.8 6.9 46.9

66 36.9 18.6 58.6



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





#15

Benzyl Alcohol

Concen: 2.229 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampled :

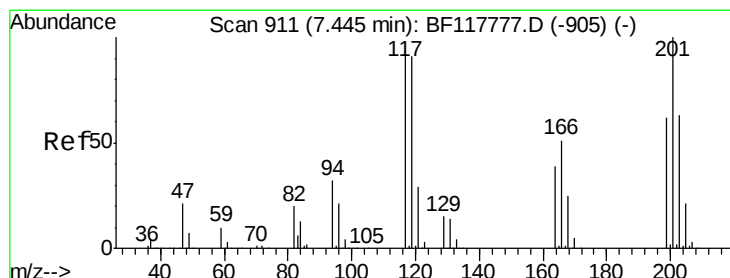
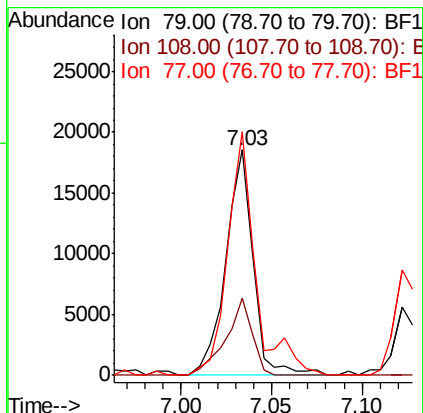
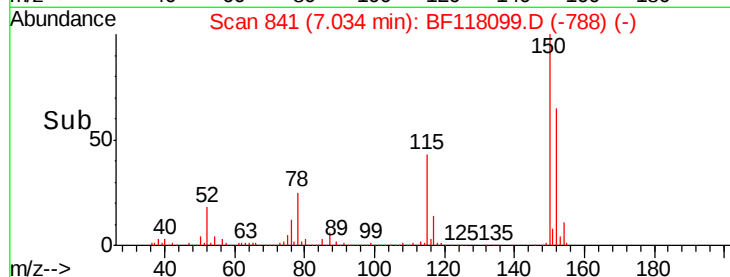
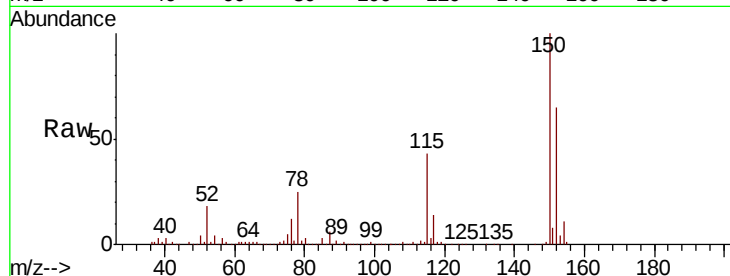
Tot Ion: 79 Resp: 19597

Ion Ratio Lower Upper

79 100

108 34.1 63.1 94.7#

77 108.1 50.6 76.0#



#18

Hexachloroethane

Concen: 11.196 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.02 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

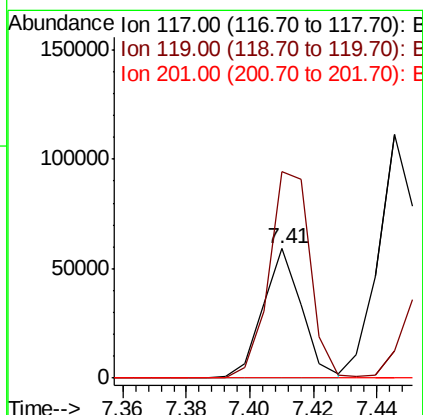
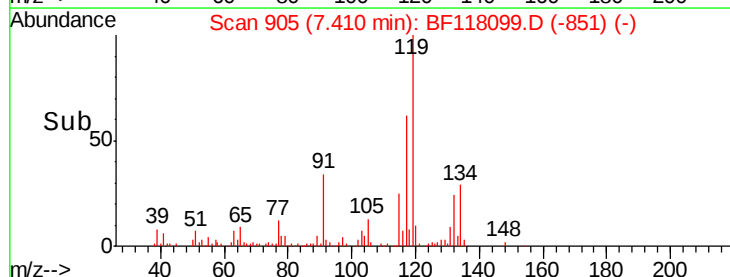
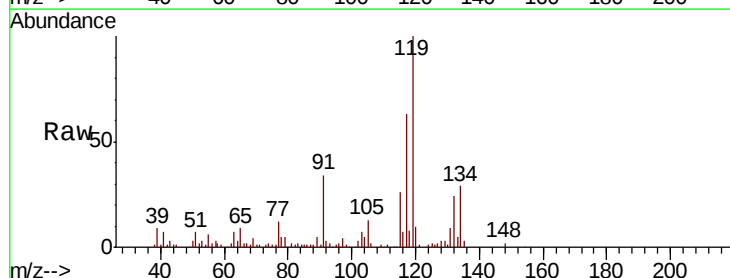
Tgt Ion: 117 Resp: 50153

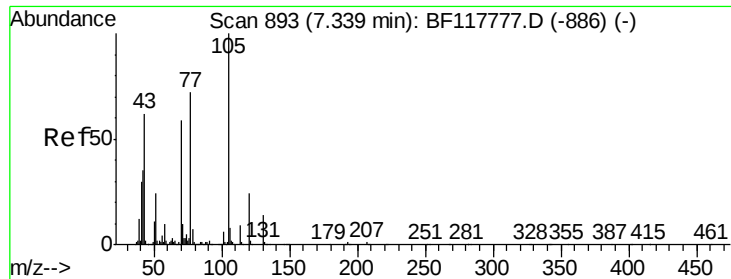
Ion Ratio Lower Upper

117 100

119 159.2 76.4 114.6#

201 0.0 71.7 107.5#

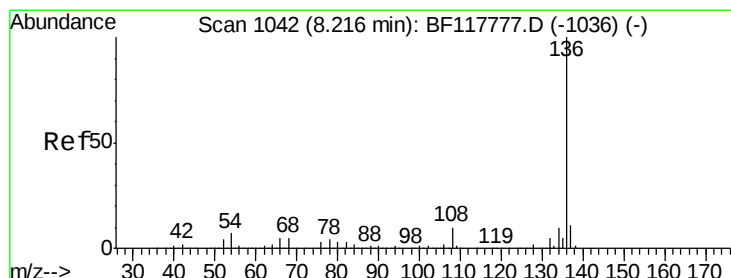
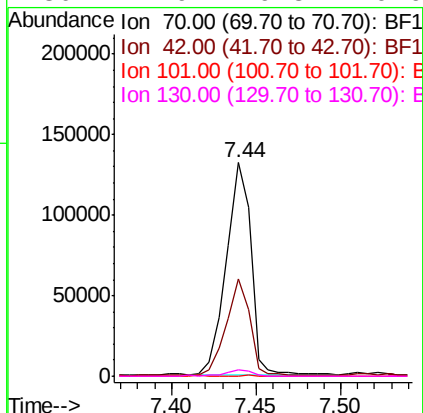
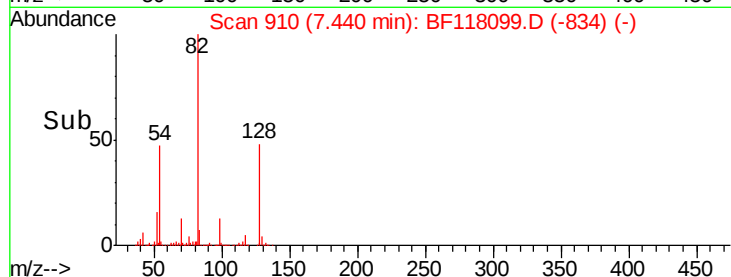
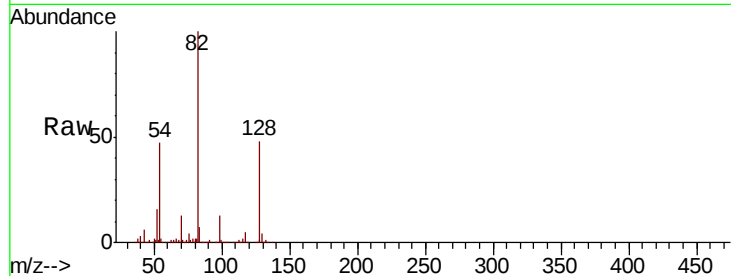




#19
n-Nitroso-di-n-propylamine
Concen: 18.818 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

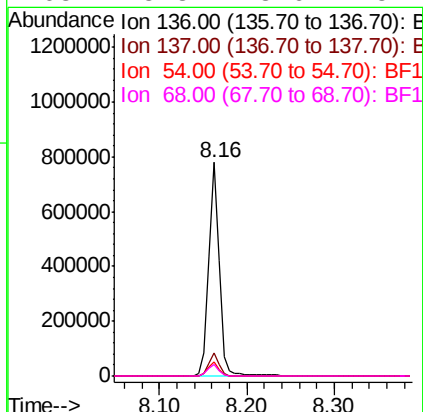
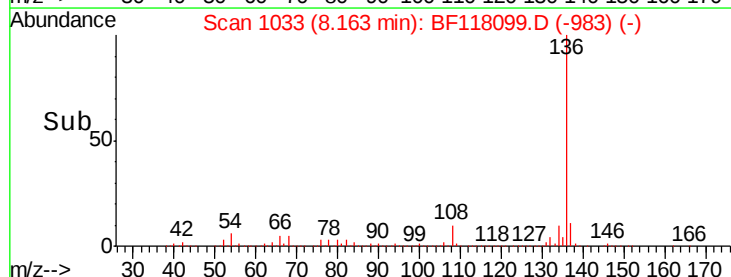
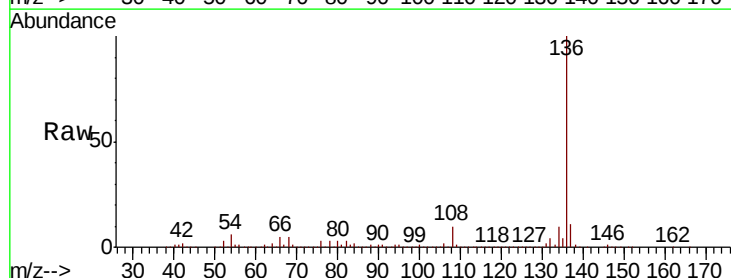
Instrument :
BNA_F
ClientSampleId :

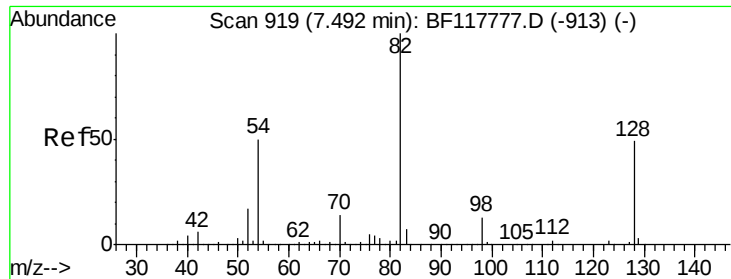
Tot Ion: 70 Resp: 132225
Ion Ratio Lower Upper
70 100
42 45.8 46.0 69.0#
101 0.3 8.8 13.2#
130 2.9 19.8 29.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion: 136 Resp: 664501
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.3 4.9 7.3
68 5.3 3.6 5.4

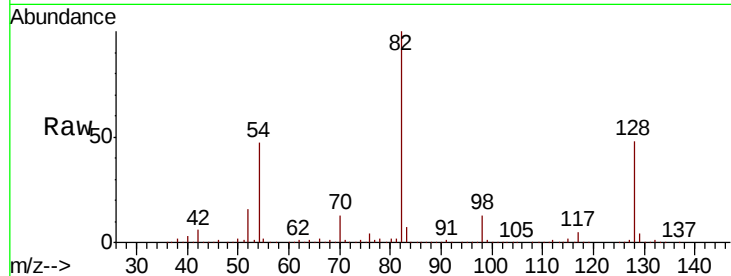




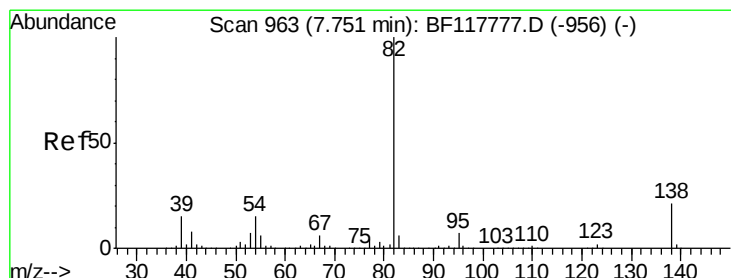
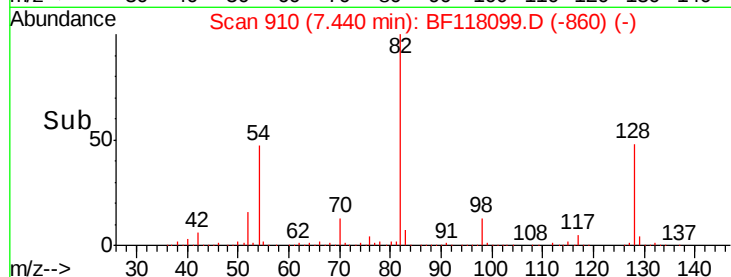
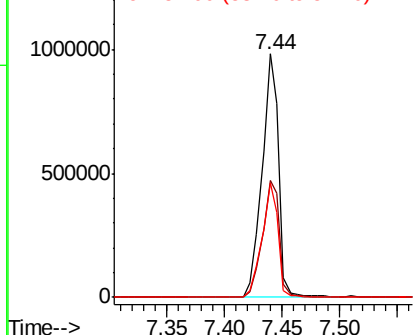
#23
Nitrobenzene-d5
Concen: 89.003 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.4
54	46.8	39.0	58.4

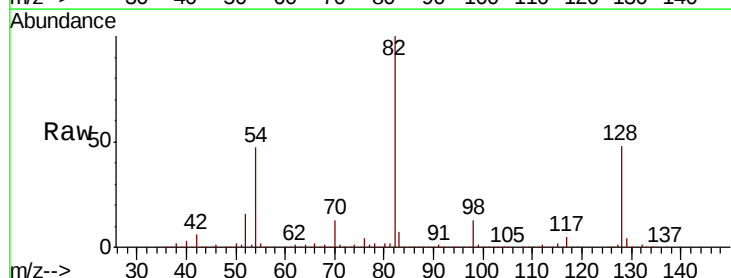


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

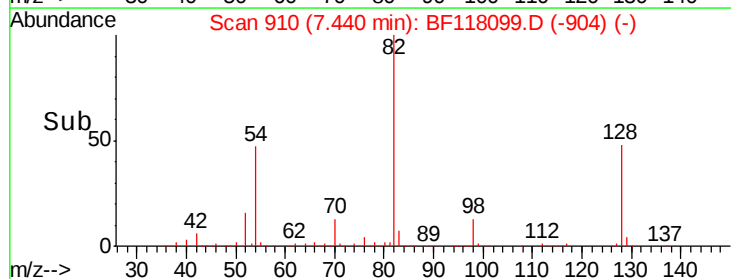
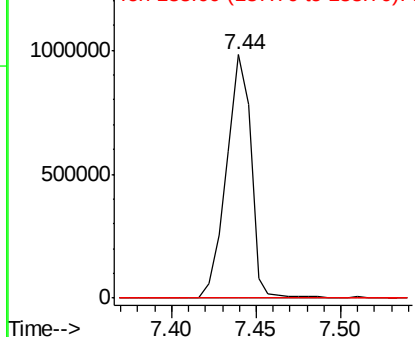


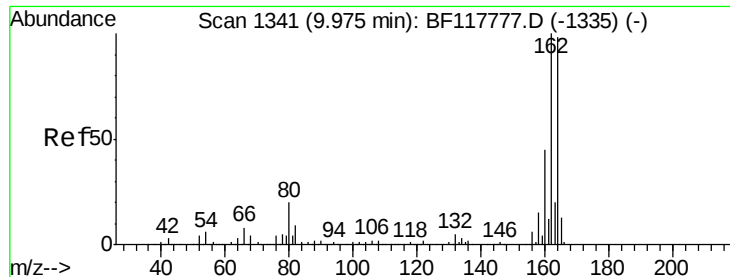
#25
Isophorone
Concen: 48.273 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.2#
138	0.0	15.9	23.9#



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

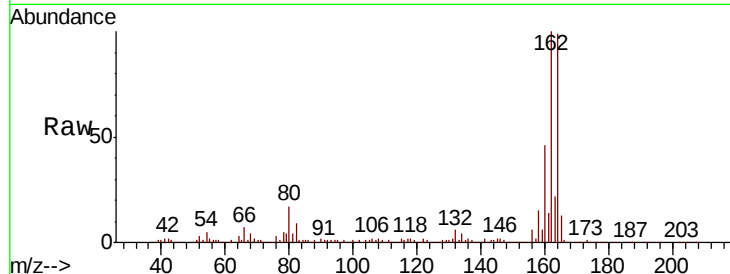




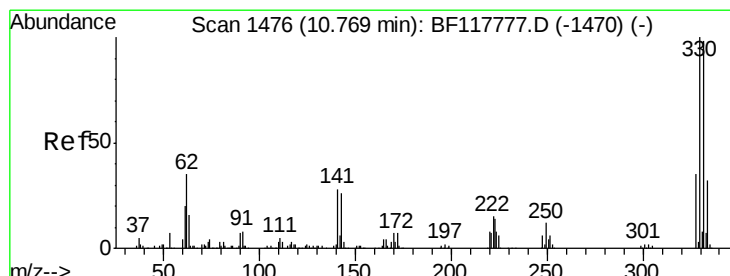
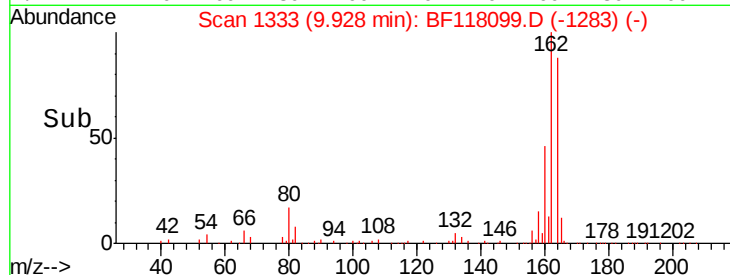
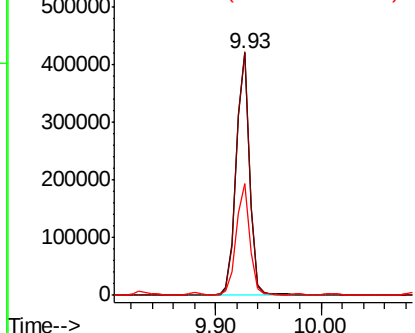
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 360732
Ion Ratio Lower Upper
164 100
162 100.6 81.8 122.8
160 46.4 35.9 53.9

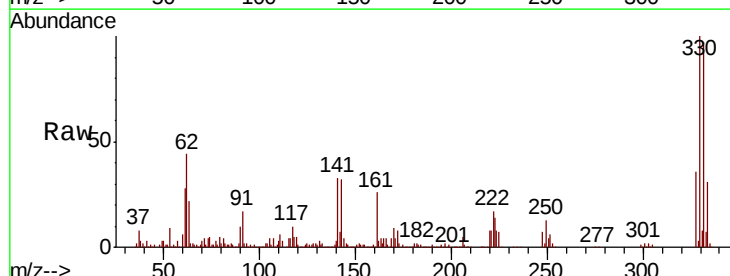


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

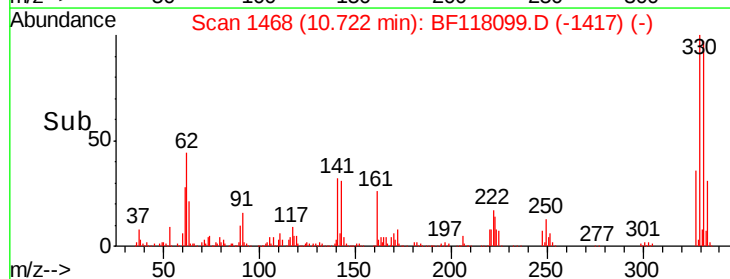
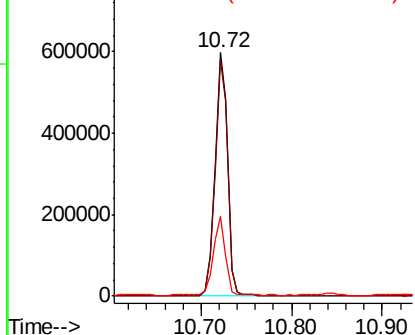


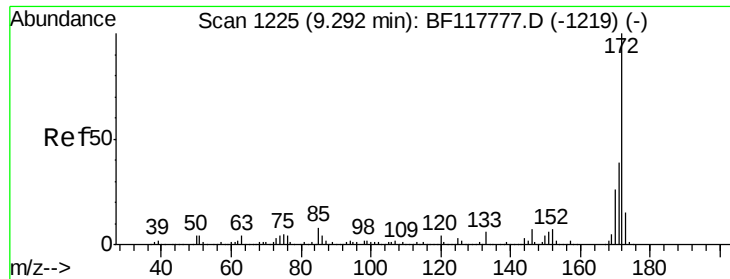
#42
2,4,6-Tribromophenol
Concen: 150.155 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion:330 Resp: 573447
Ion Ratio Lower Upper
330 100
332 96.9 78.3 117.5
141 32.0 26.4 39.6



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

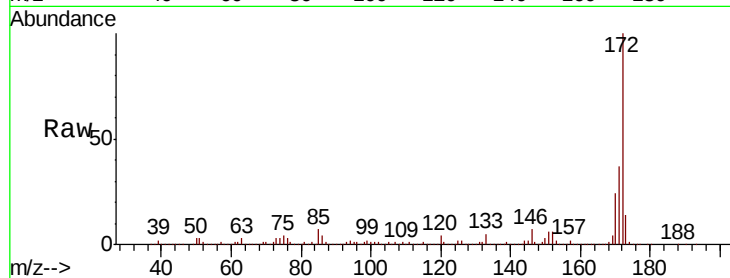




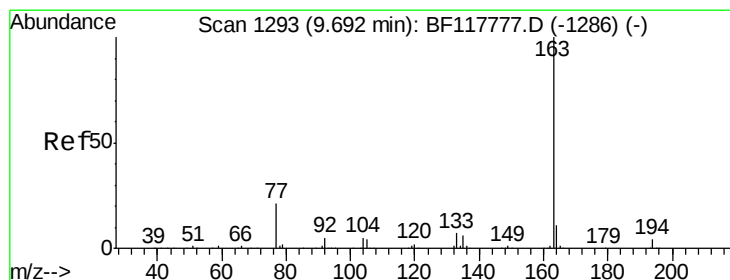
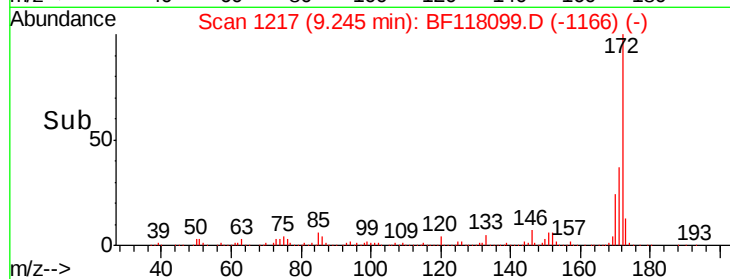
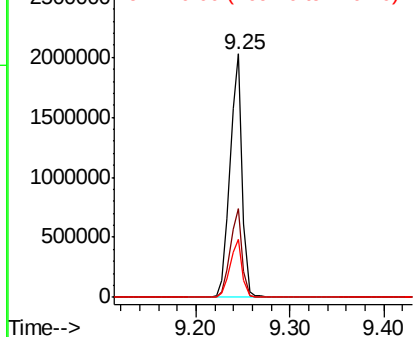
#45
2-Fluorobiphenyl
Concen: 90.198 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1813644
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.0 19.3 28.9

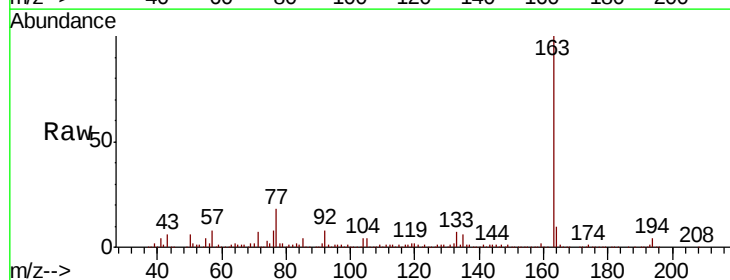


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

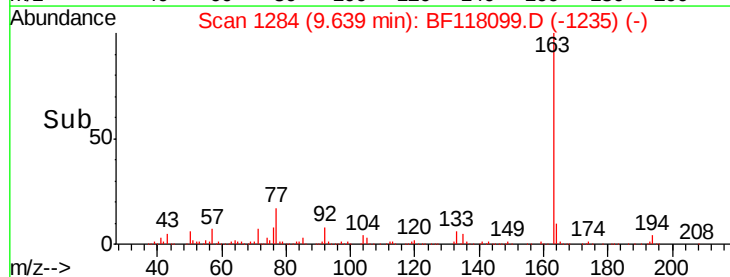
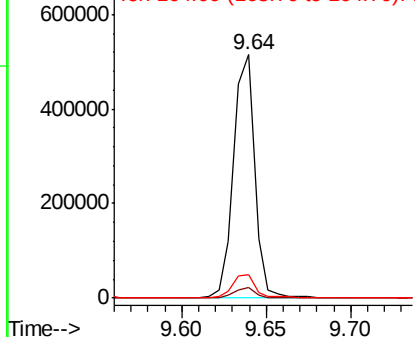


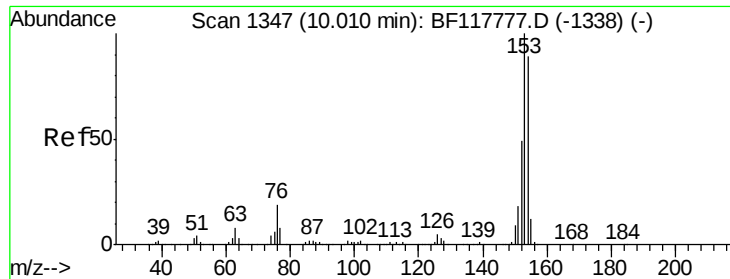
#50
Dimethylphthalate
Concen: 17.659 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion:163 Resp: 446706
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 7.9 11.9



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





#52

Acenaphthene

Concen: 2.106 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

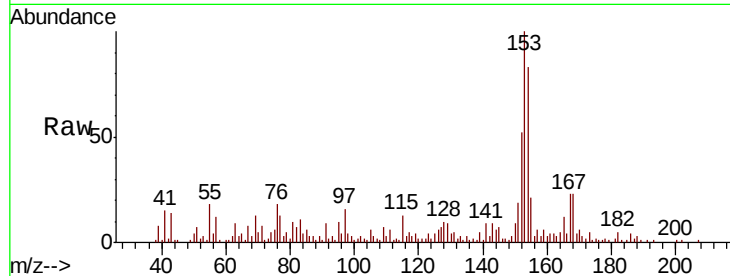
Tot Ion:154 Resp: 43296

Ion Ratio Lower Upper

154 100

153 120.1 91.2 136.8

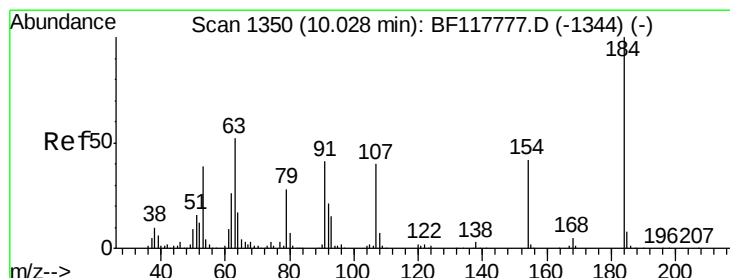
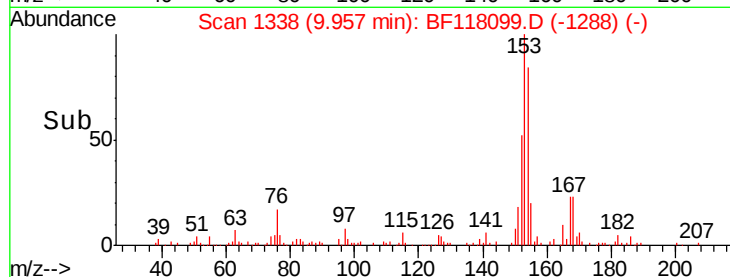
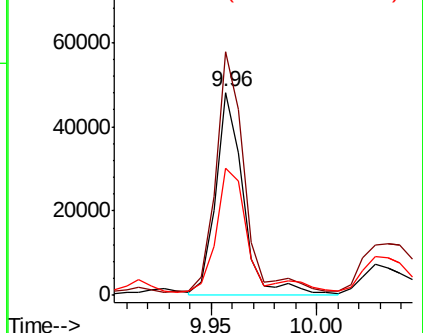
152 62.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 7.263 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

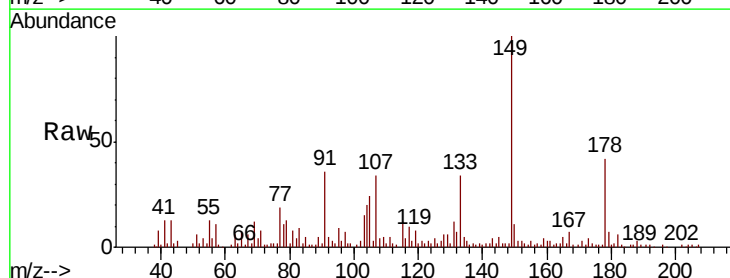
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

63 1159.6 45.3 67.9#

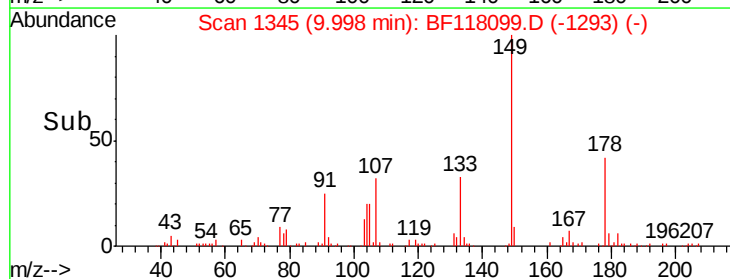
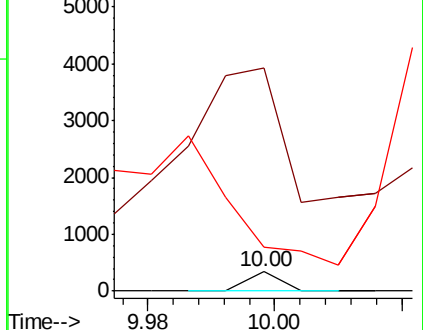
154 230.7 51.6 77.4#

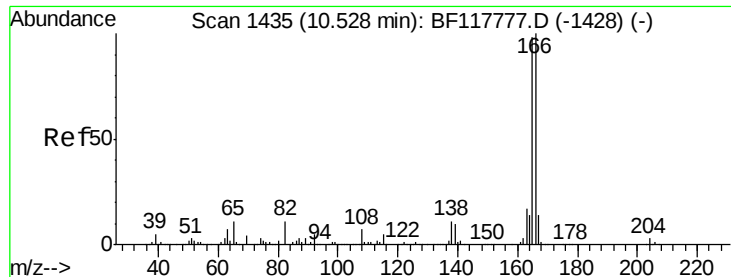


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

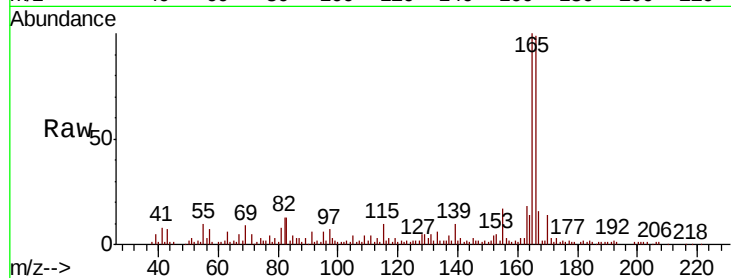




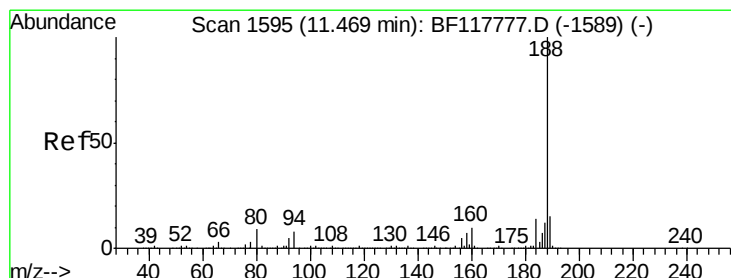
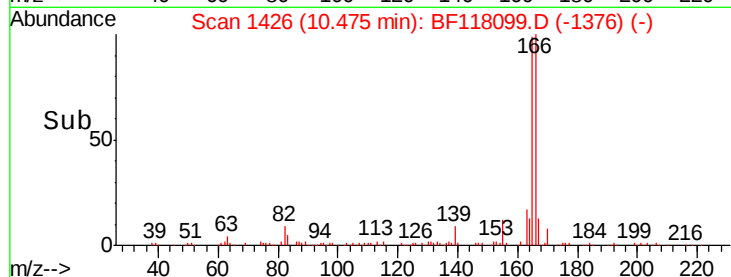
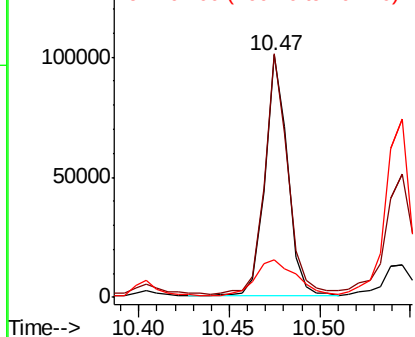
#58
 Fluorene
 Concen: 3.953 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 87229
 Ion Ratio Lower Upper
 166 100
 165 100.5 77.4 116.2
 167 15.6 10.7 16.1

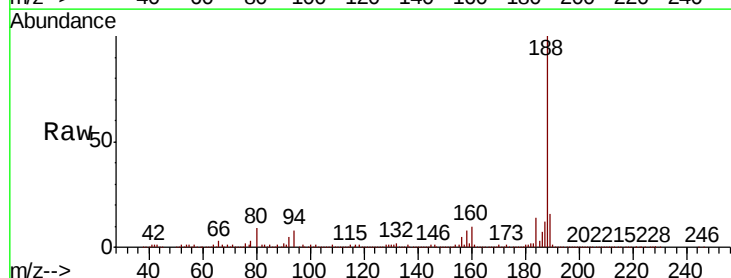


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

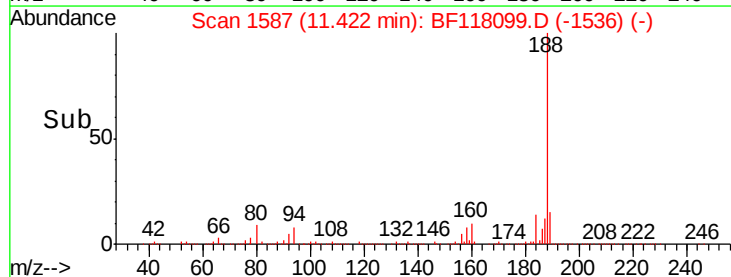
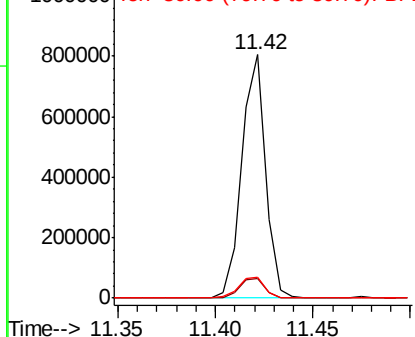


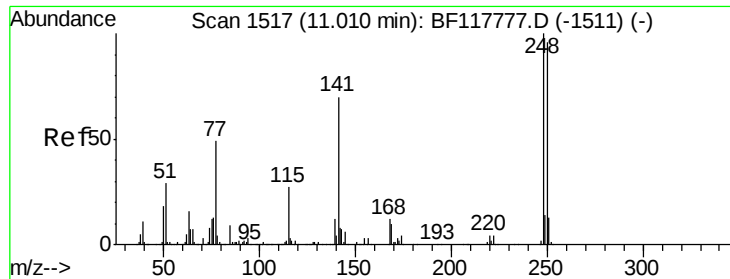
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Tgt Ion:188 Resp: 679341
 Ion Ratio Lower Upper
 188 100
 94 8.2 7.0 10.6
 80 8.6 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

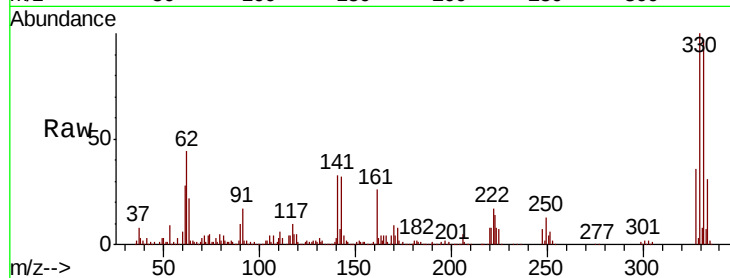




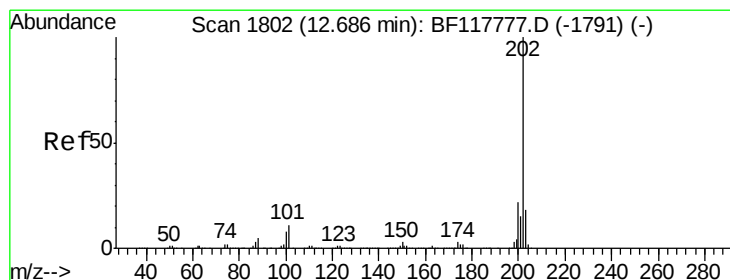
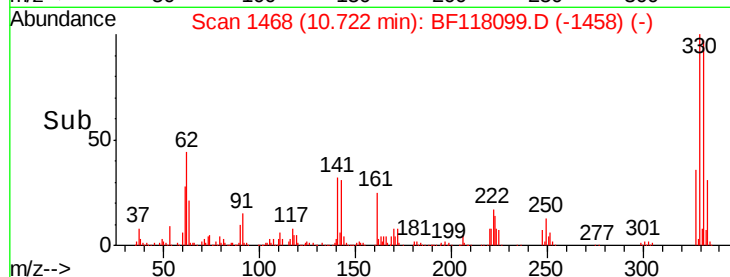
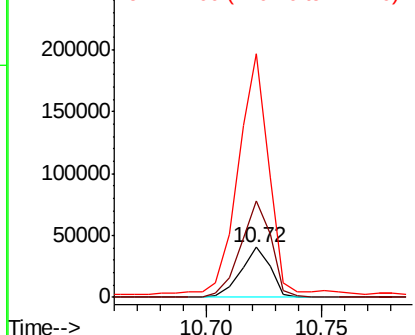
#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 36481
Ion Ratio Lower Upper
248 100
250 193.9 78.0 117.0#
141 487.7 64.0 96.0#

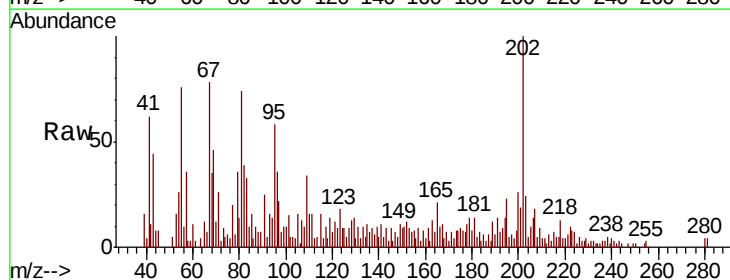


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

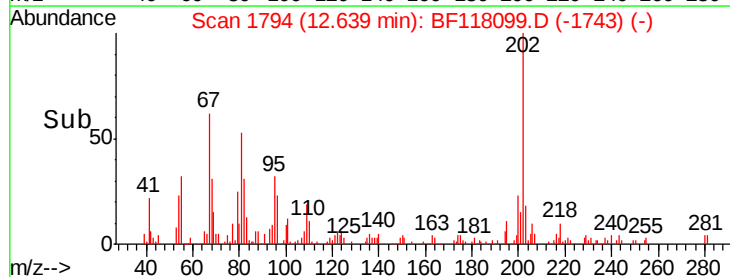
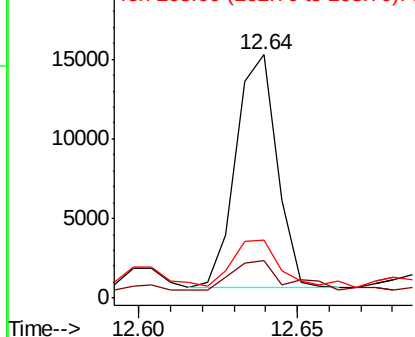


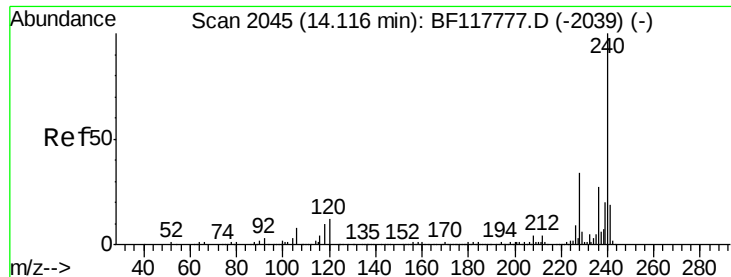
#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF118099.D
Acq: 4 Dec 2019 21:15

Tgt Ion:202 Resp: 13079
Ion Ratio Lower Upper
202 100
101 15.3 0.0 31.5
203 23.6 0.0 37.6



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: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

Instrument :

BNA_F

ClientSampleId :

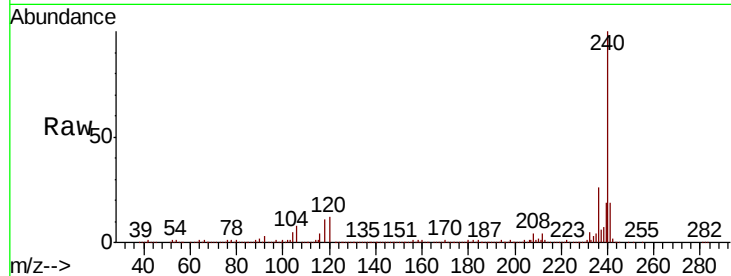
Tot Ion:240 Resp: 538075

Ion Ratio Lower Upper

240 100

120 11.8 8.4 12.6

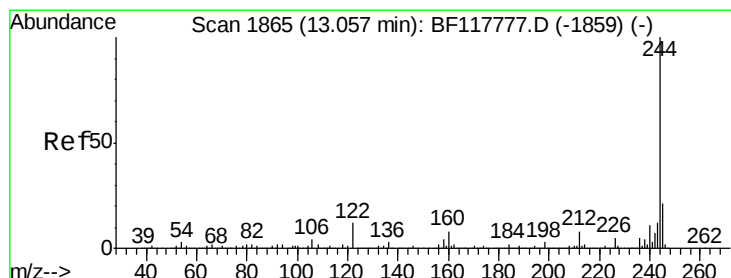
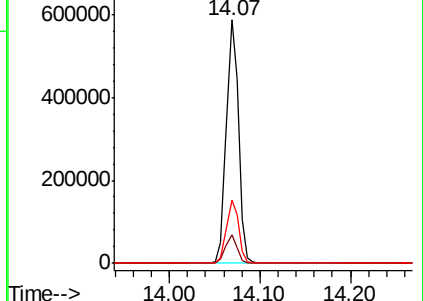
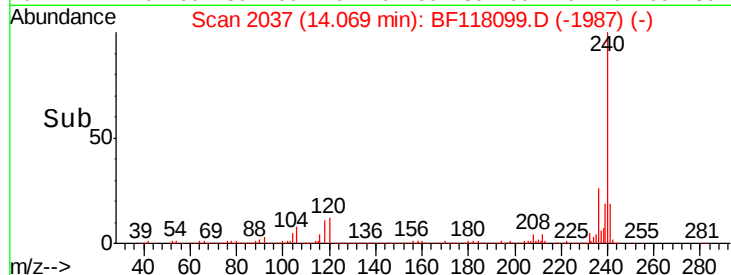
236 25.7 20.6 31.0



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: 85.506 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF118099.D

Acq: 4 Dec 2019 21:15

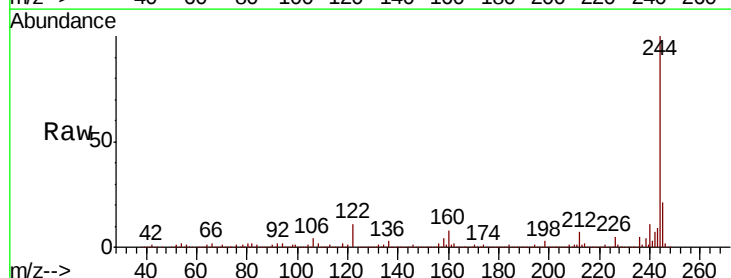
Tgt Ion:244 Resp: 2517417

Ion Ratio Lower Upper

244 100

212 7.4 5.2 7.8

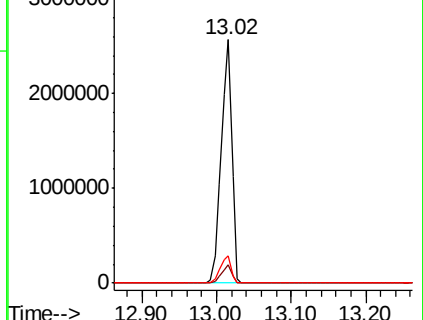
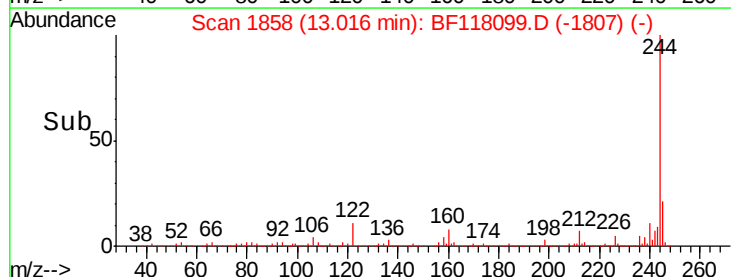
122 11.0 7.2 10.8#

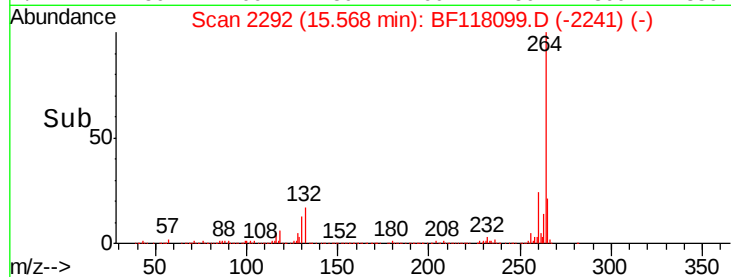
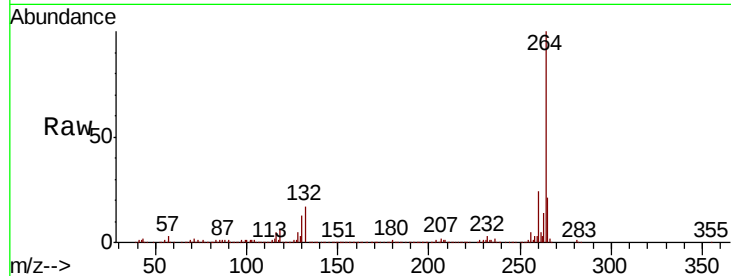
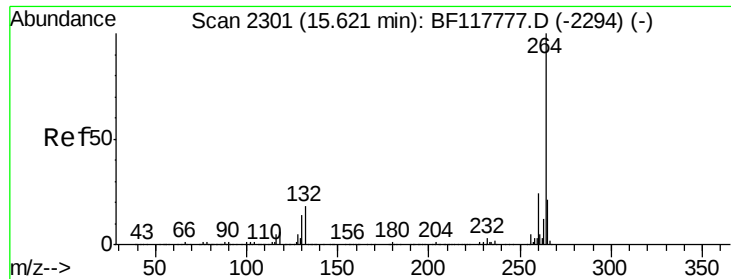


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF118099.D
 Acq: 4 Dec 2019 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.3	16.4	24.6

