

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118093.D
 Acq On : 4 Dec 2019 18:28
 Operator : JU
 Sample : K6024-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:39:54 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

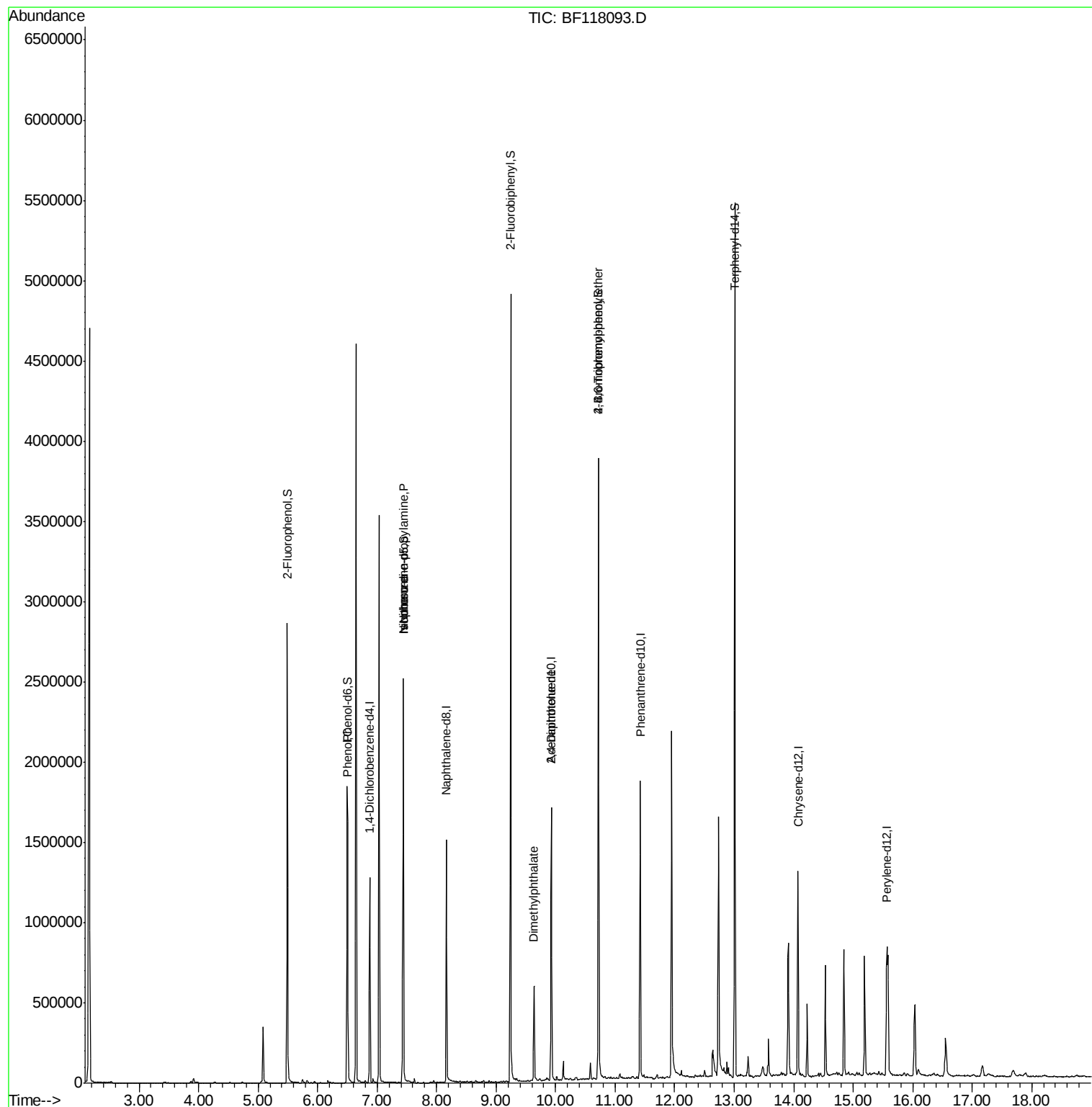
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	186076	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690497	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	326787	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	678019	20.00	ng	0.00
76) Chrysene-d12	14.07	240	438169	20.00	ng	0.00
87) Perylene-d12	15.57	264	351635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	803713	76.46	ng	0.00
7) Phenol-d6	6.50	99	654165	51.59	ng	-0.01
23) Nitrobenzene-d5	7.44	82	835687	71.95	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	508336	146.93	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1457349	80.01	ng	0.00
79) Terphenyl-d14	13.02	244	1928460	80.44	ng	0.00
Target Compounds						
10) Phenol	6.51	94	46524	3.531	ng	93
19) n-Nitroso-di-n-propylamine	7.44	70	111694	14.279	ng	# 74
25) Isophorone	7.44	82	835675	39.253	ng	# 63
50) Dimethylphthalate	9.64	163	281075	12.266	ng	99
57) 2,4-Dinitrotoluene	9.93	165	42269	6.635	ng	# 33
67) 4-Bromophenyl-phenylether	10.72	248	31653	4.327	ng	# 1
75) Fluoranthene	12.53	202	121	Below Cal		64

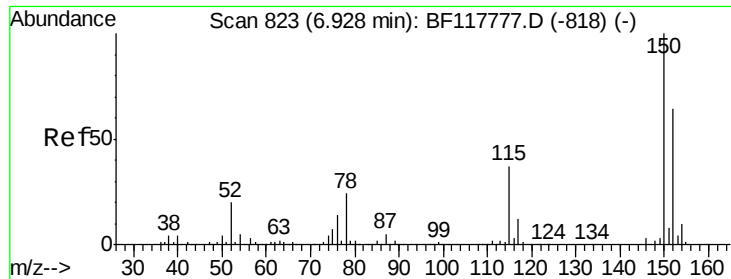
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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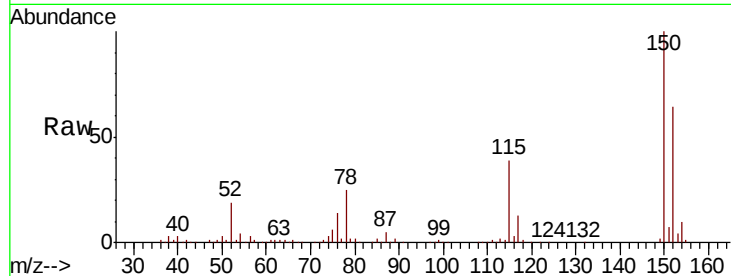


#1

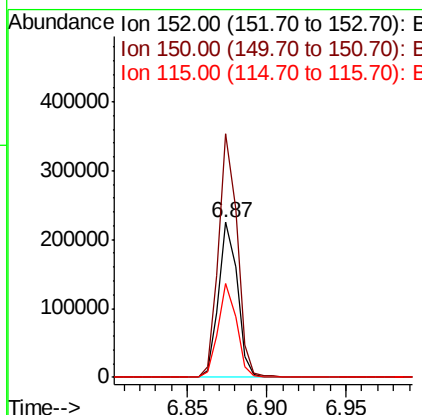
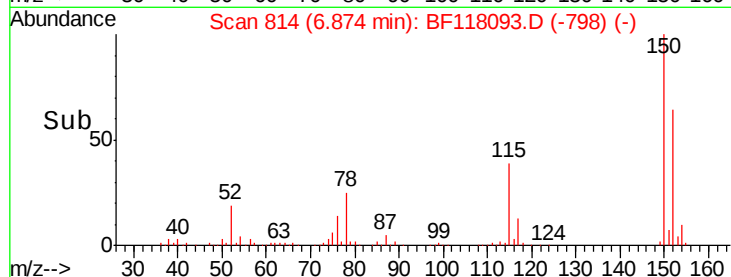
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 186076
Ion Ratio Lower Upper
152 100
150 156.9 121.4 182.2
115 60.6 48.8 73.2



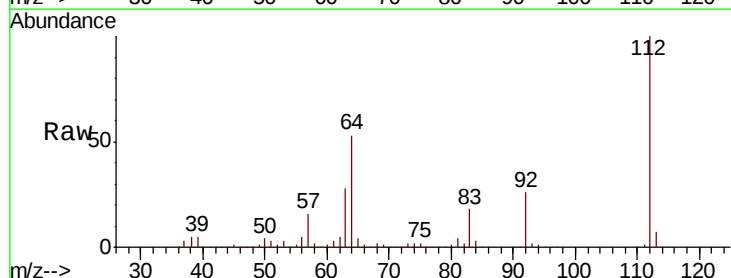
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



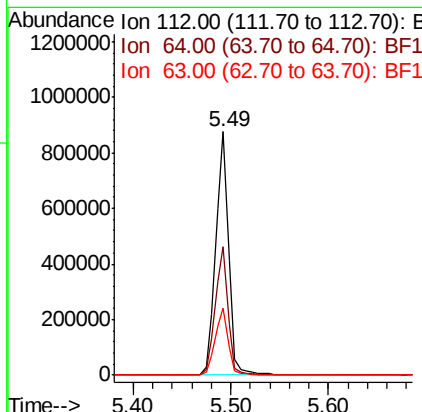
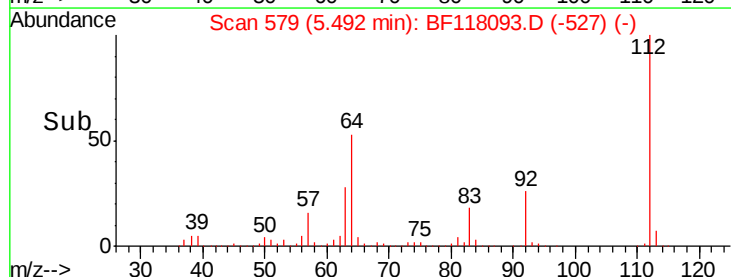
#5

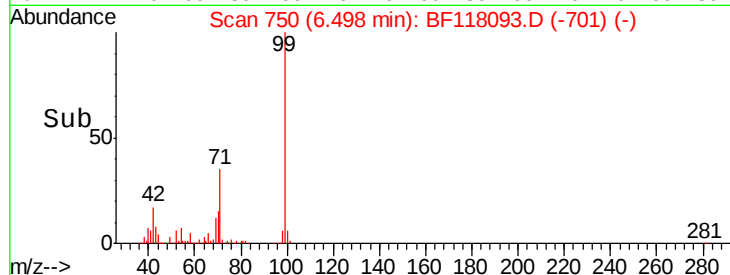
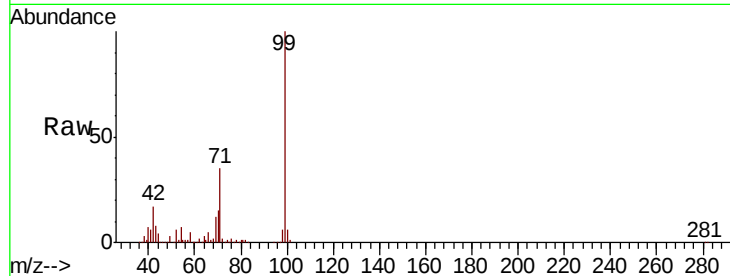
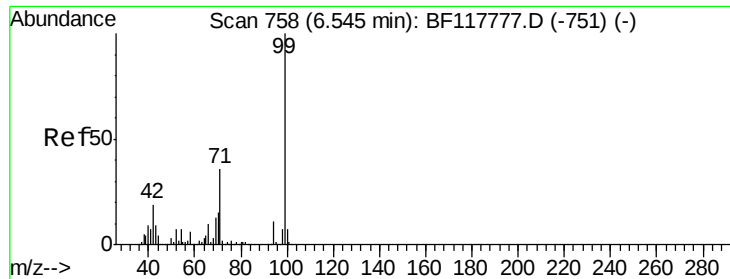
2-Fluorophenol
Concen: 76.456 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

Tgt Ion:112 Resp: 803713
Ion Ratio Lower Upper
112 100
64 52.7 45.1 67.7
63 27.5 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: 51.593 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118093.D

Acq: 4 Dec 2019 18:28

Instrument :

BNA_F

ClientSampled :

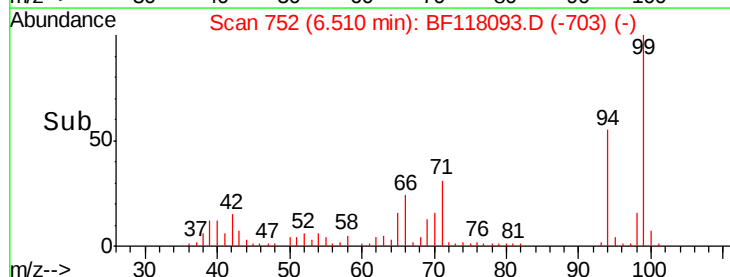
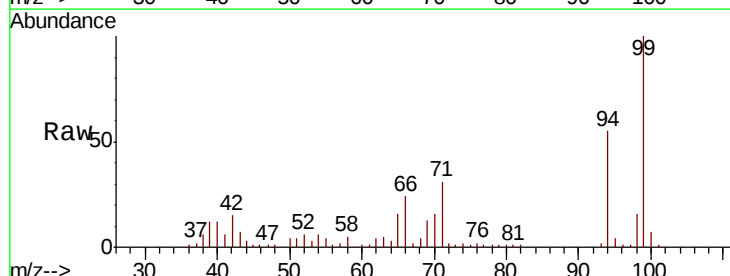
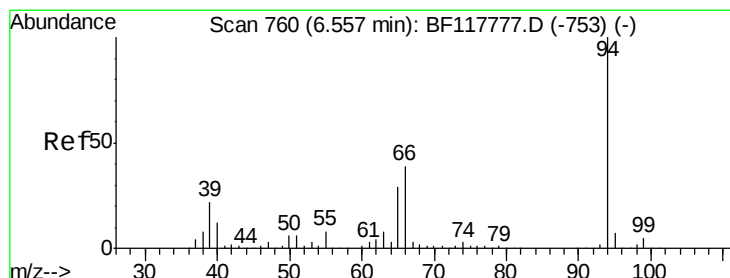
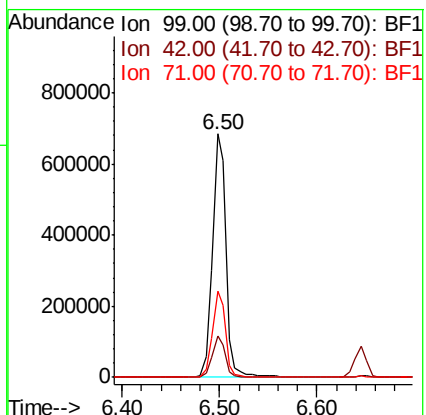
Tot Ion: 99 Resp: 654165

Ion Ratio Lower Upper

99 100

42 17.2 14.0 21.0

71 35.4 29.2 43.8



#10

Phenol

Concen: 3.531 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118093.D

Acq: 4 Dec 2019 18:28

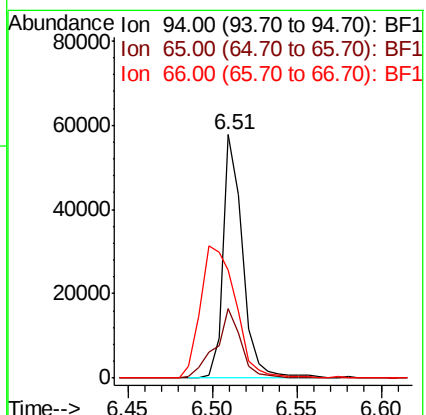
Tgt Ion: 94 Resp: 46524

Ion Ratio Lower Upper

94 100

65 28.4 6.9 46.9

66 44.4 18.6 58.6

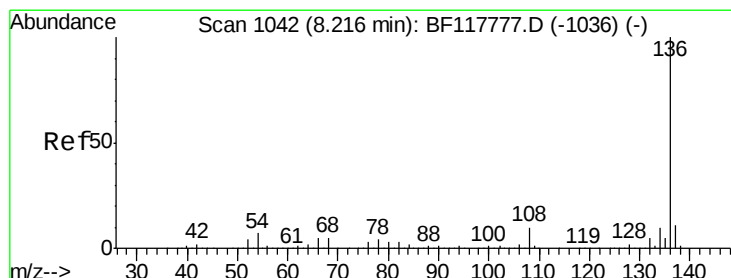
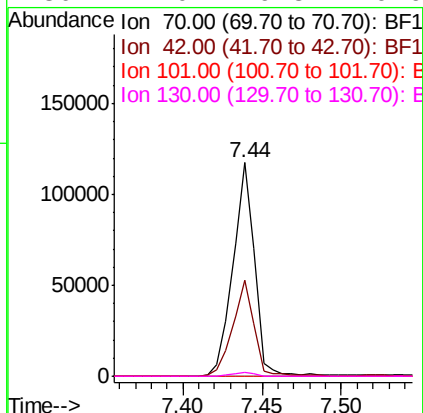
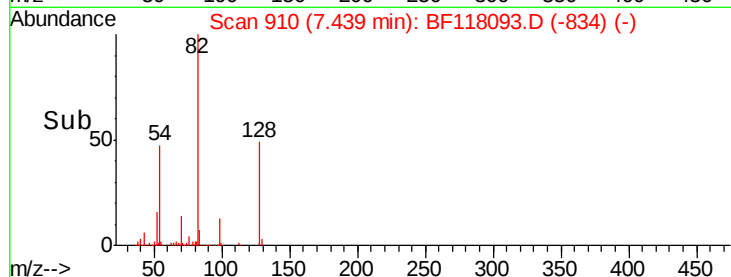
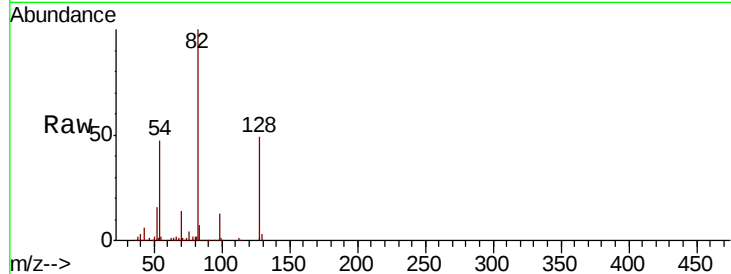




#19
n-Nitroso-di-n-propylamine
Concen: 14.279 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

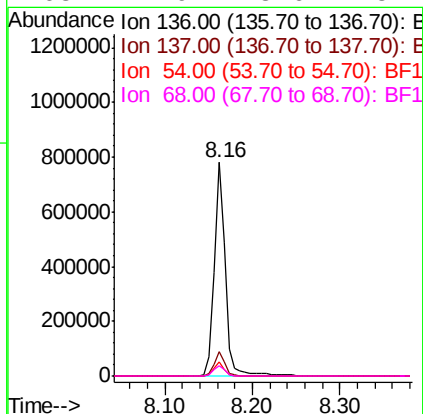
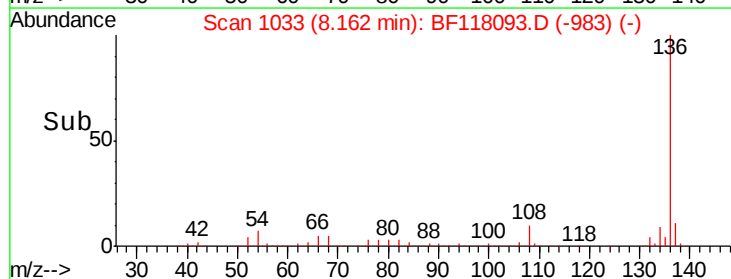
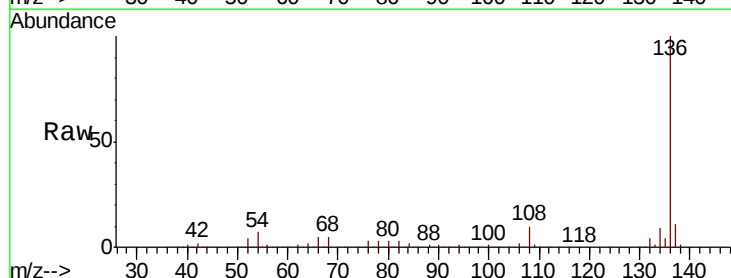
Instrument :
BNA_F
ClientSampleId :

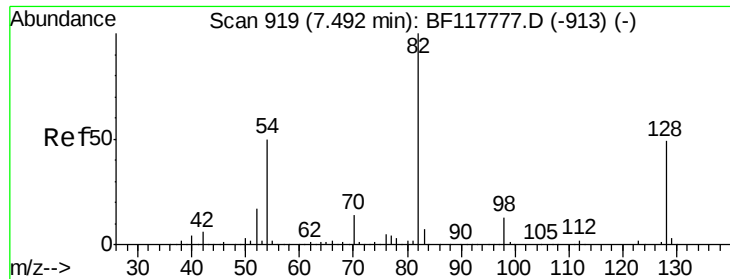
Tot Ion: 70 Resp: 111694
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 8.8 13.2#
130 2.0 19.8 29.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

Tgt Ion: 136 Resp: 690497
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.6 4.9 7.3
68 4.9 3.6 5.4

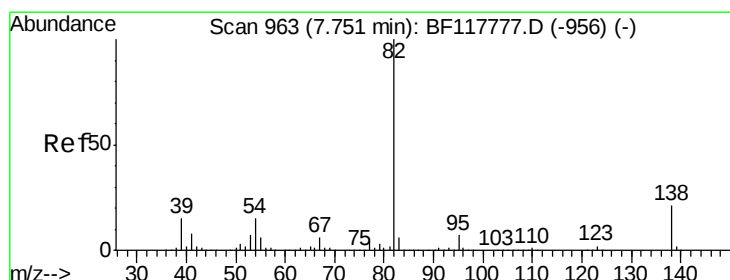
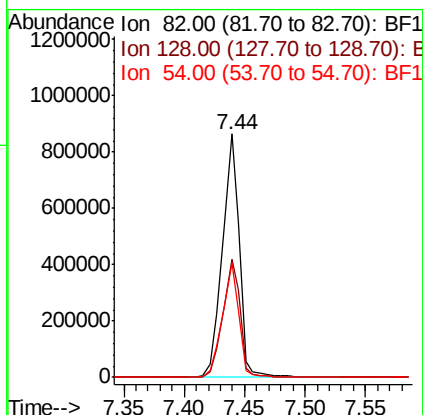
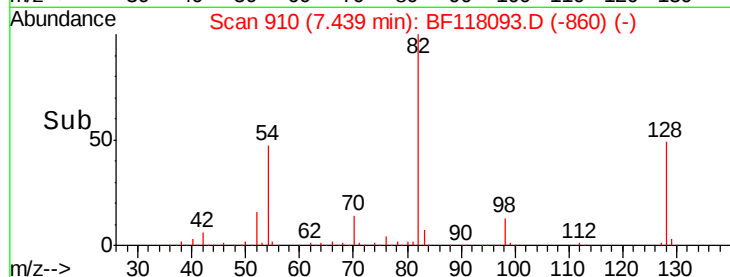
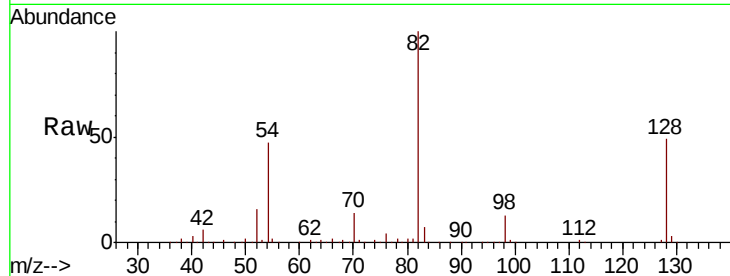




#23
Nitrobenzene-d5
Concen: 71.946 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

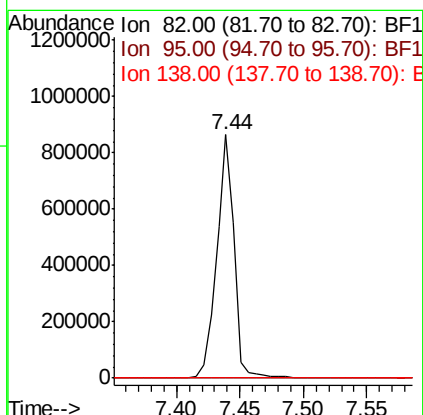
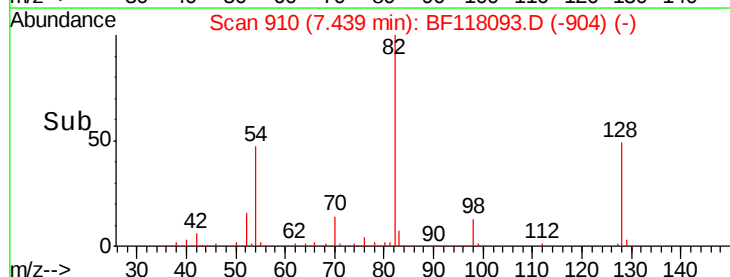
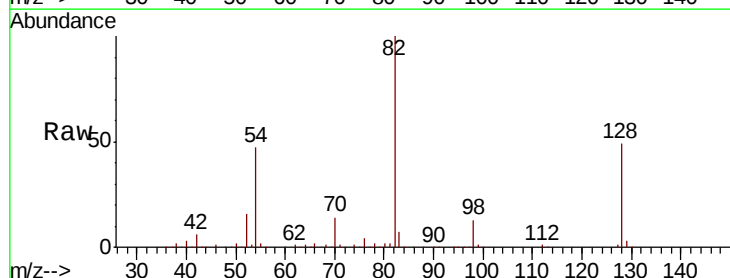
Instrument :
BNA_F
ClientSampled :

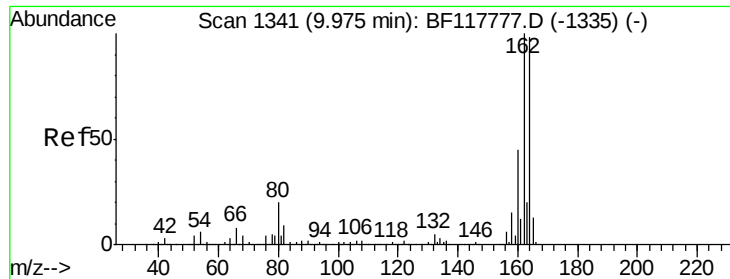
Tot Ion	82	Resp	835687
Ion Ratio	Lower	Upper	
82	100		
128	48.7	38.2	57.4
54	46.9	39.0	58.4



#25
Isophorone
Concen: 39.253 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

Tgt Ion	82	Resp	835675
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	15.9	23.9#

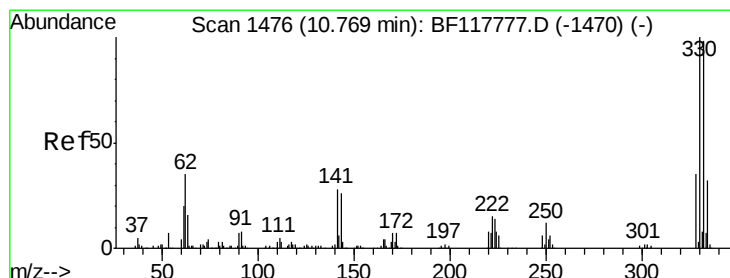
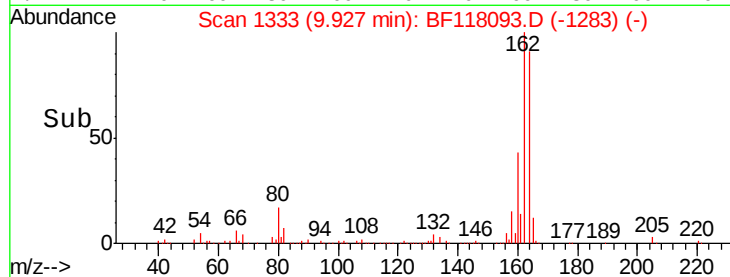
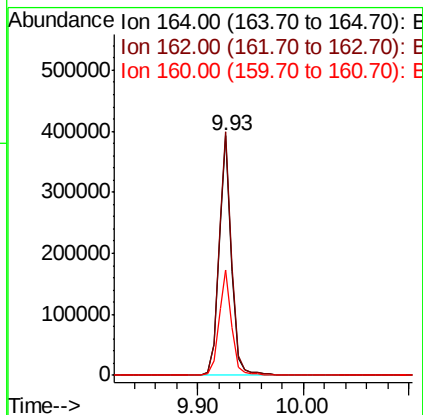
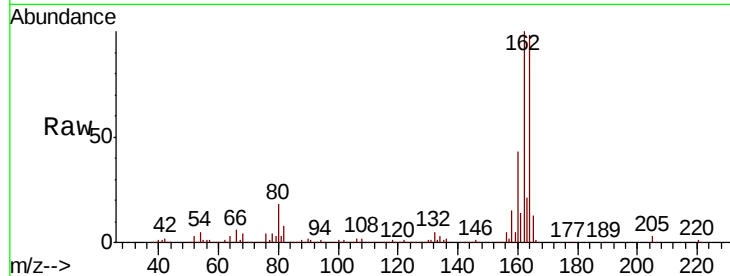




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

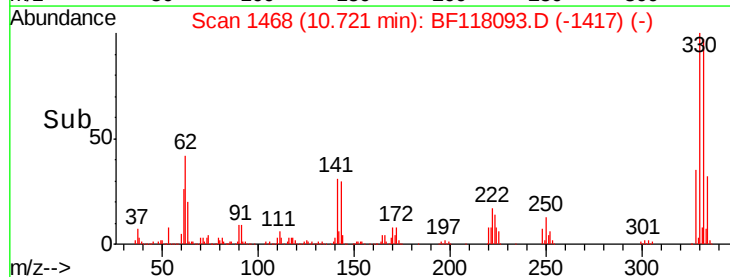
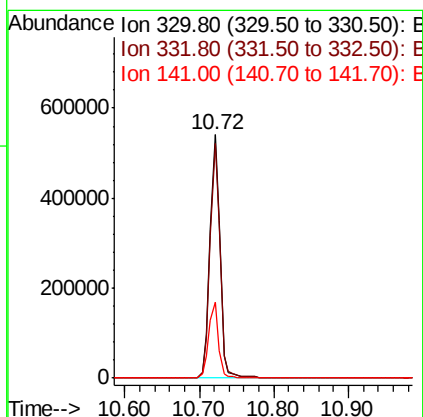
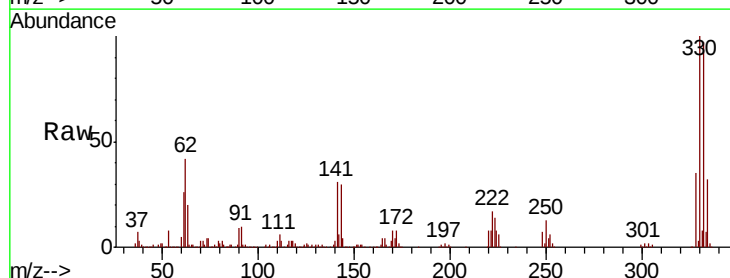
Instrument :
 BNA_F
 ClientSampleId :

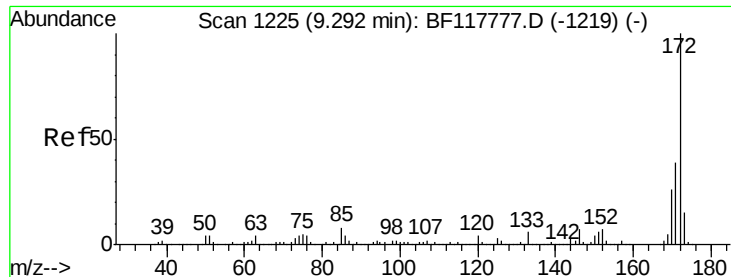
Tot Ion:164 Resp: 326787
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.8 122.8
 160 43.9 35.9 53.9



#42
 2,4,6-Tribromophenol
 Concen: 146.932 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

Tgt Ion:330 Resp: 508336
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.3 117.5
 141 30.9 26.4 39.6

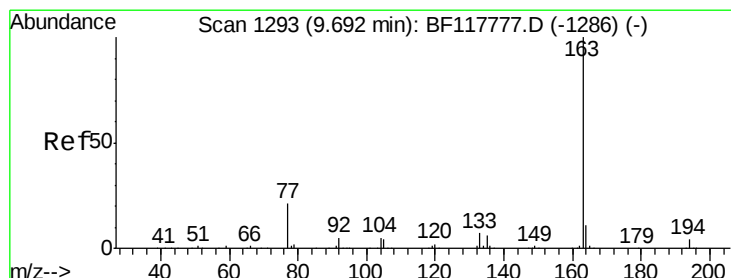
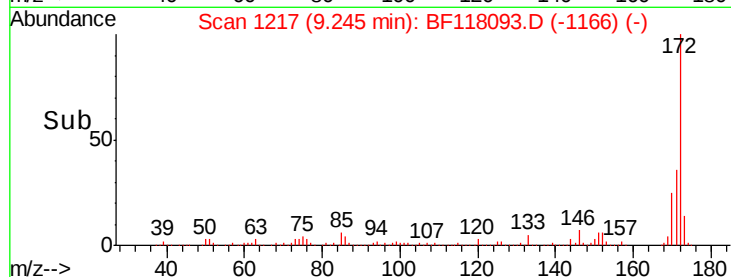
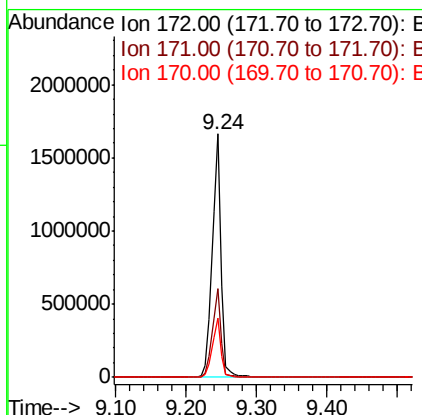
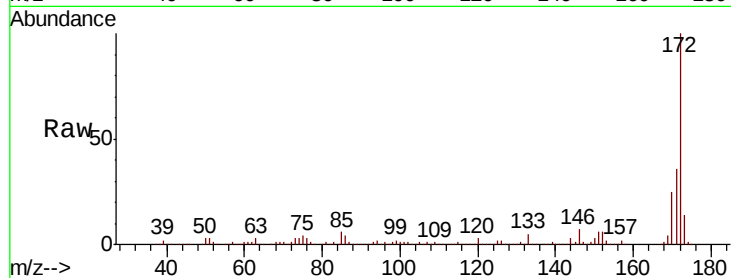




#45
2-Fluorobiphenyl
Concen: 80.007 ng
RT: 9.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

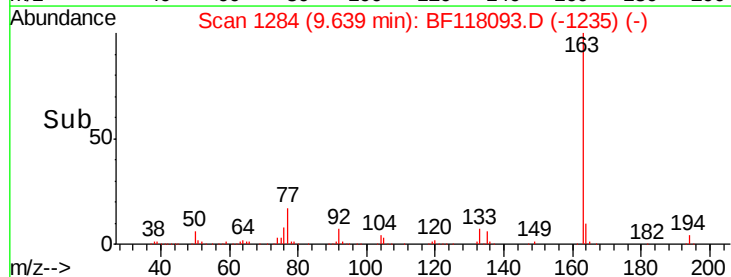
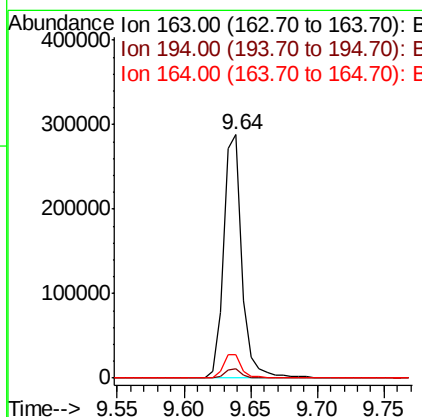
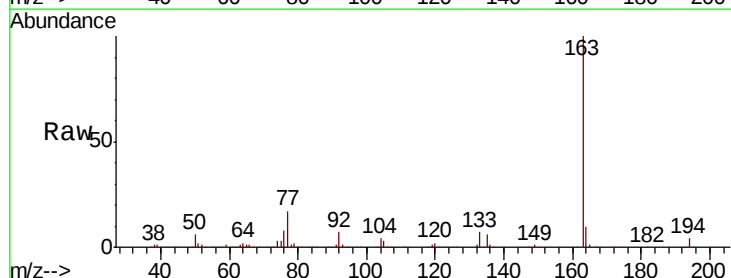
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BNA_F
ClientSampleId :

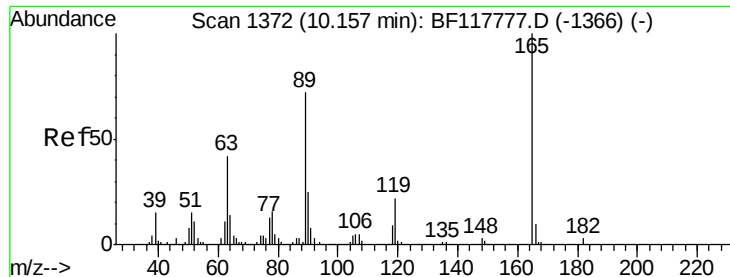
Tot Ion:172 Resp: 1457349
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.6 19.3 28.9



#50
Dimethylphthalate
Concen: 12.266 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118093.D
Acq: 4 Dec 2019 18:28

Tgt Ion:163 Resp: 281075
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 7.9 11.9





#57

2,4-Dinitrotoluene

Concen: 6.635 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF118093.D

Acq: 4 Dec 2019 18:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 42269

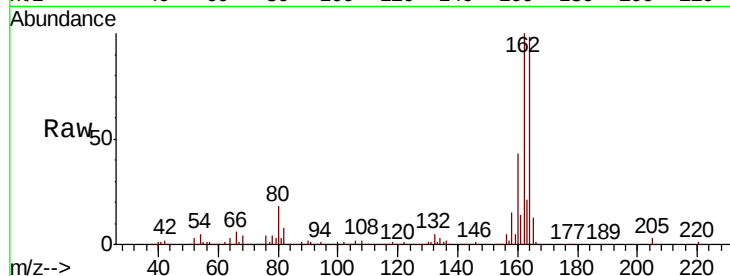
Ion Ratio Lower Upper

165 100

63 1.5 26.5 39.7#

89 1.5 47.2 70.8#

182 0.0 2.3 3.5#

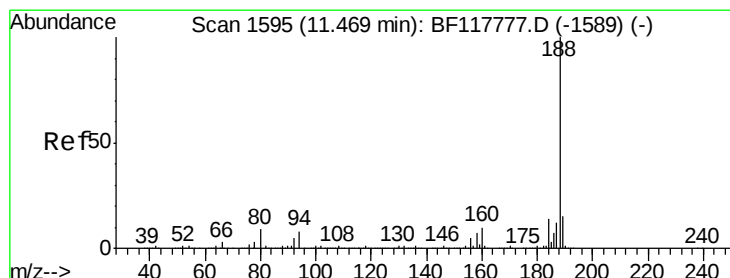
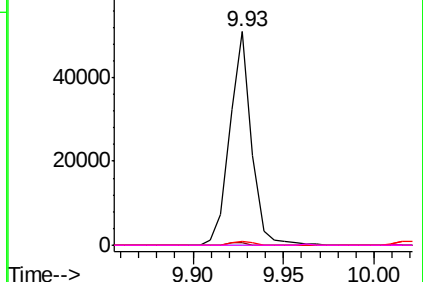
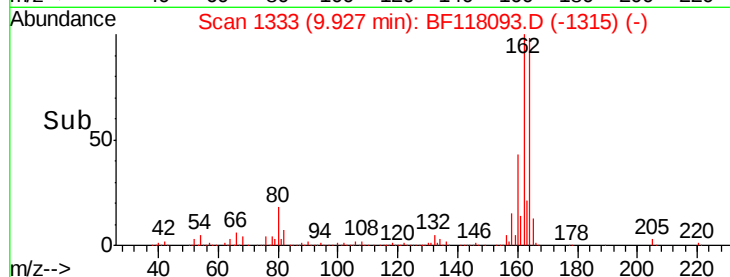


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1587

Delta R.T. -0.00 min

Lab File: BF118093.D

Acq: 4 Dec 2019 18:28

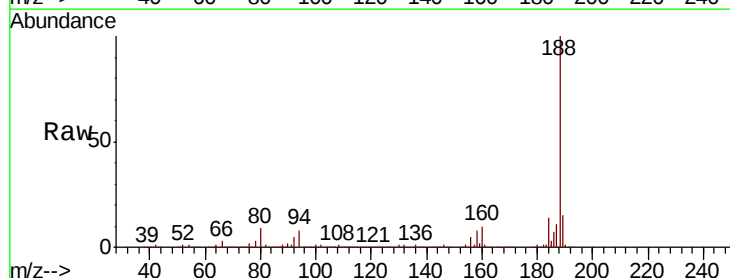
Tgt Ion:188 Resp: 678019

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

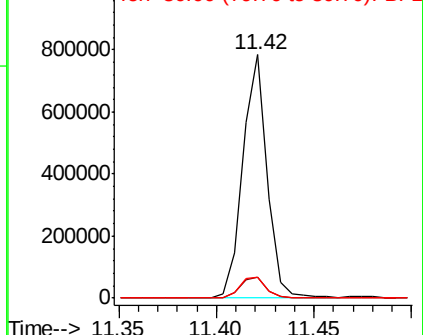
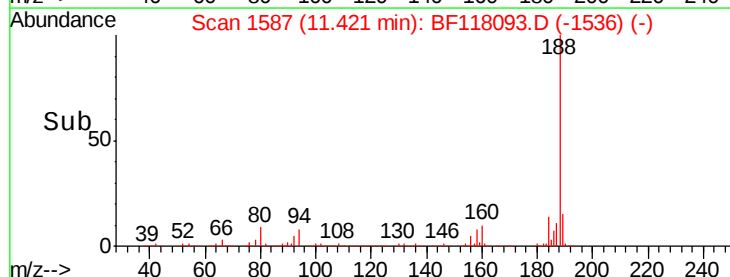
80 8.8 7.2 10.8

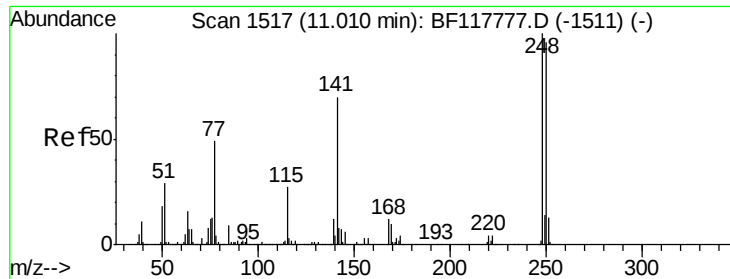


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

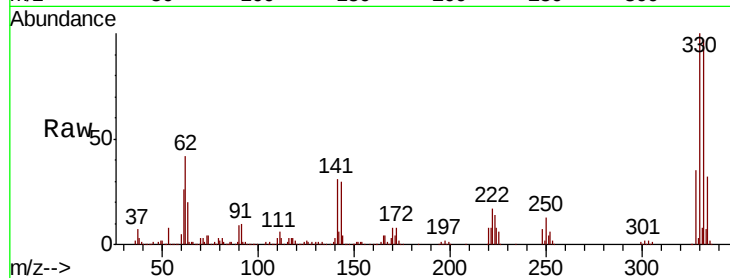




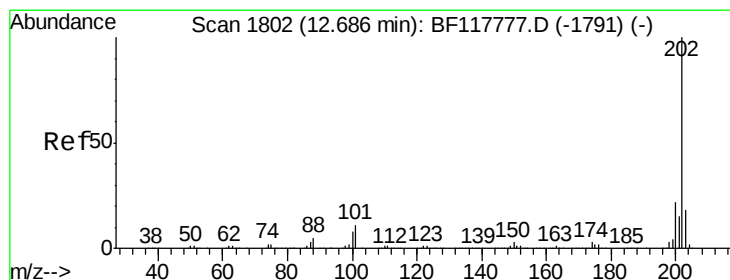
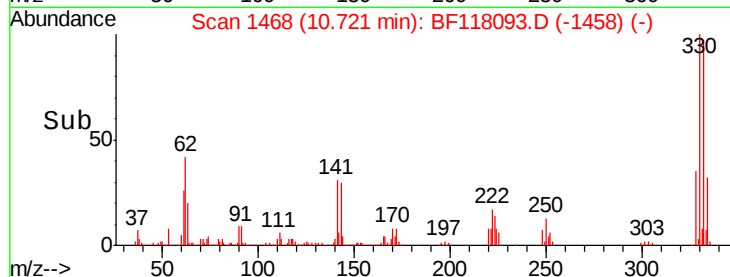
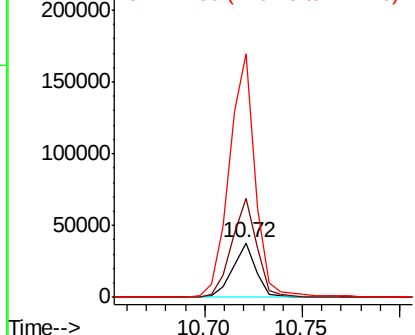
#67
 4-Bromophenyl-phenylether
 Concen: 4.327 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 31653
 Ion Ratio Lower Upper
 248 100
 250 181.8 78.0 117.0#
 141 449.7 64.0 96.0#

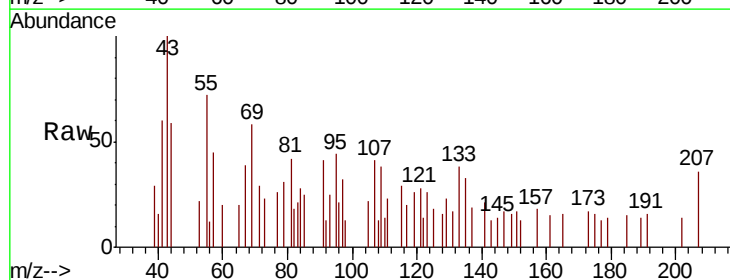


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

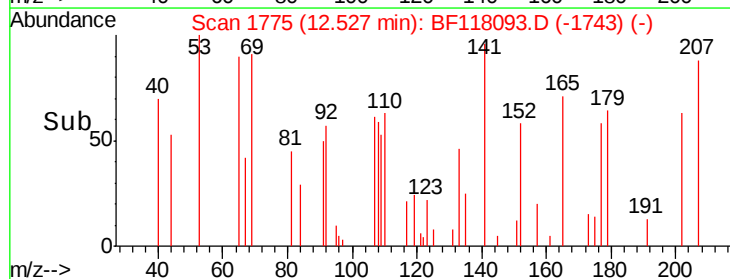
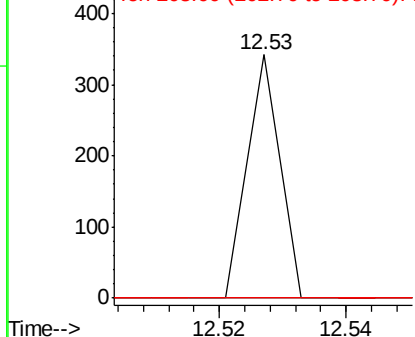


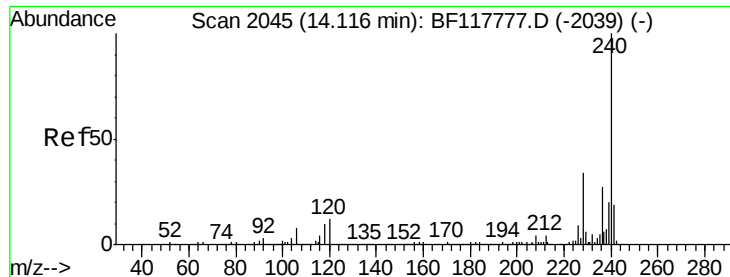
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.11 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

Tgt Ion:202 Resp: 121
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 31.5
 203 0.0 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

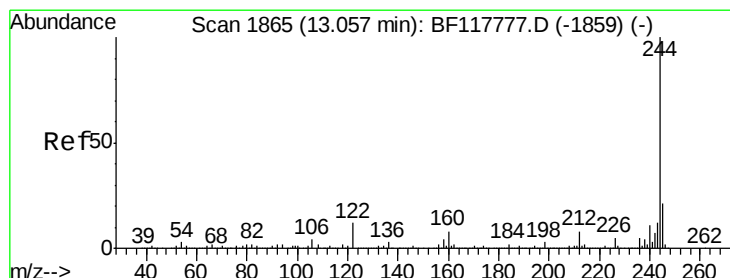
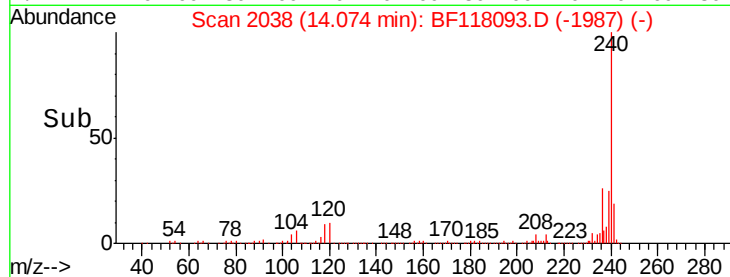
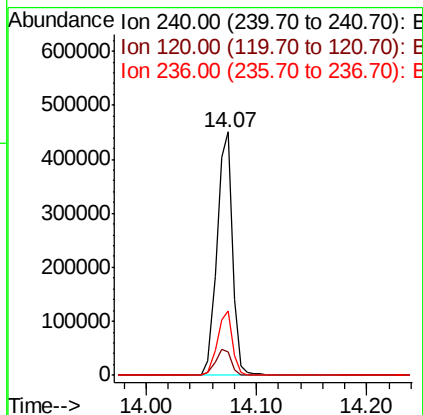
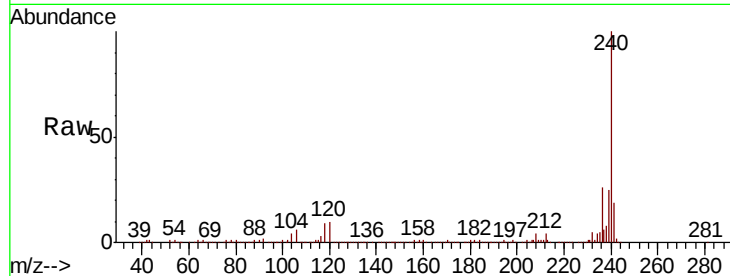




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

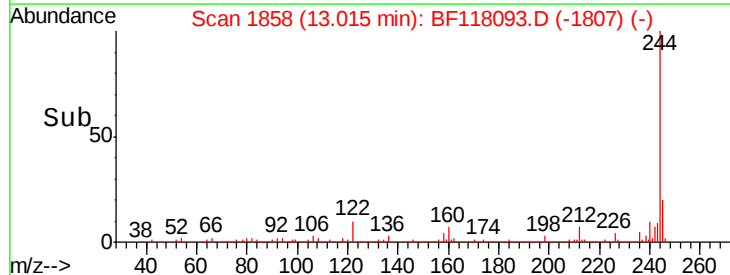
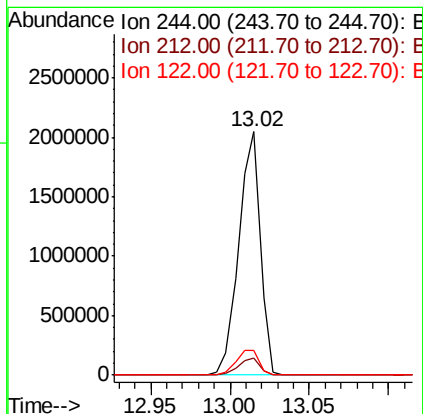
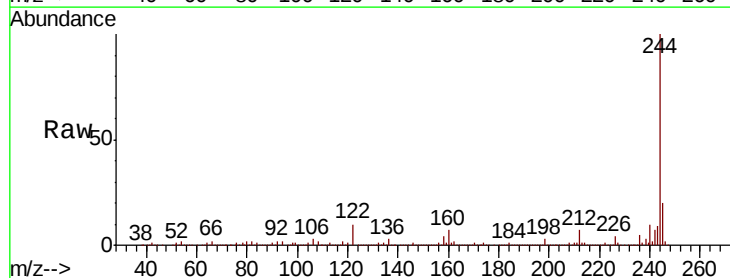
Instrument :
 BNA_F
 ClientSampleId :

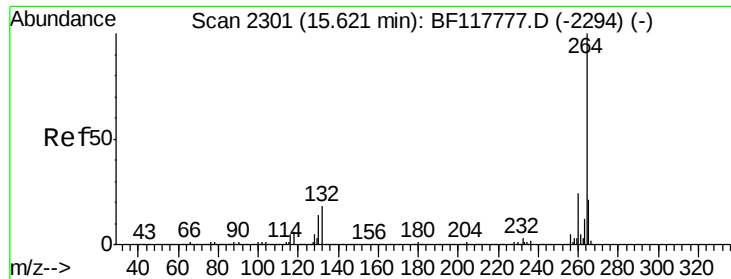
Tot Ion:240 Resp: 438169
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 26.3 20.6 31.0



#79
 Terphenyl-d14
 Concen: 80.436 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

Tgt Ion:244 Resp: 1928460
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 10.3 7.2 10.8

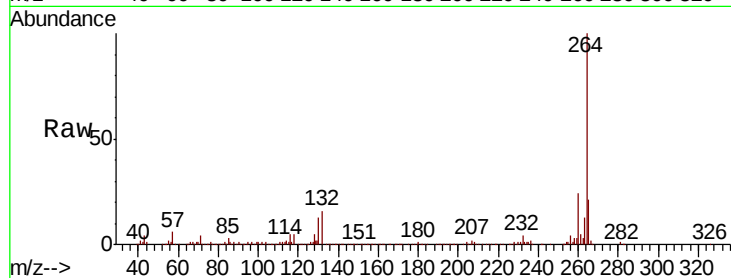




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BF118093.D
 Acq: 4 Dec 2019 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.4	16.4	24.6



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

