

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119059.D
 Acq On : 25 Feb 2020 10:39
 Operator : CG/JU
 Sample : L1648-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 11:13:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

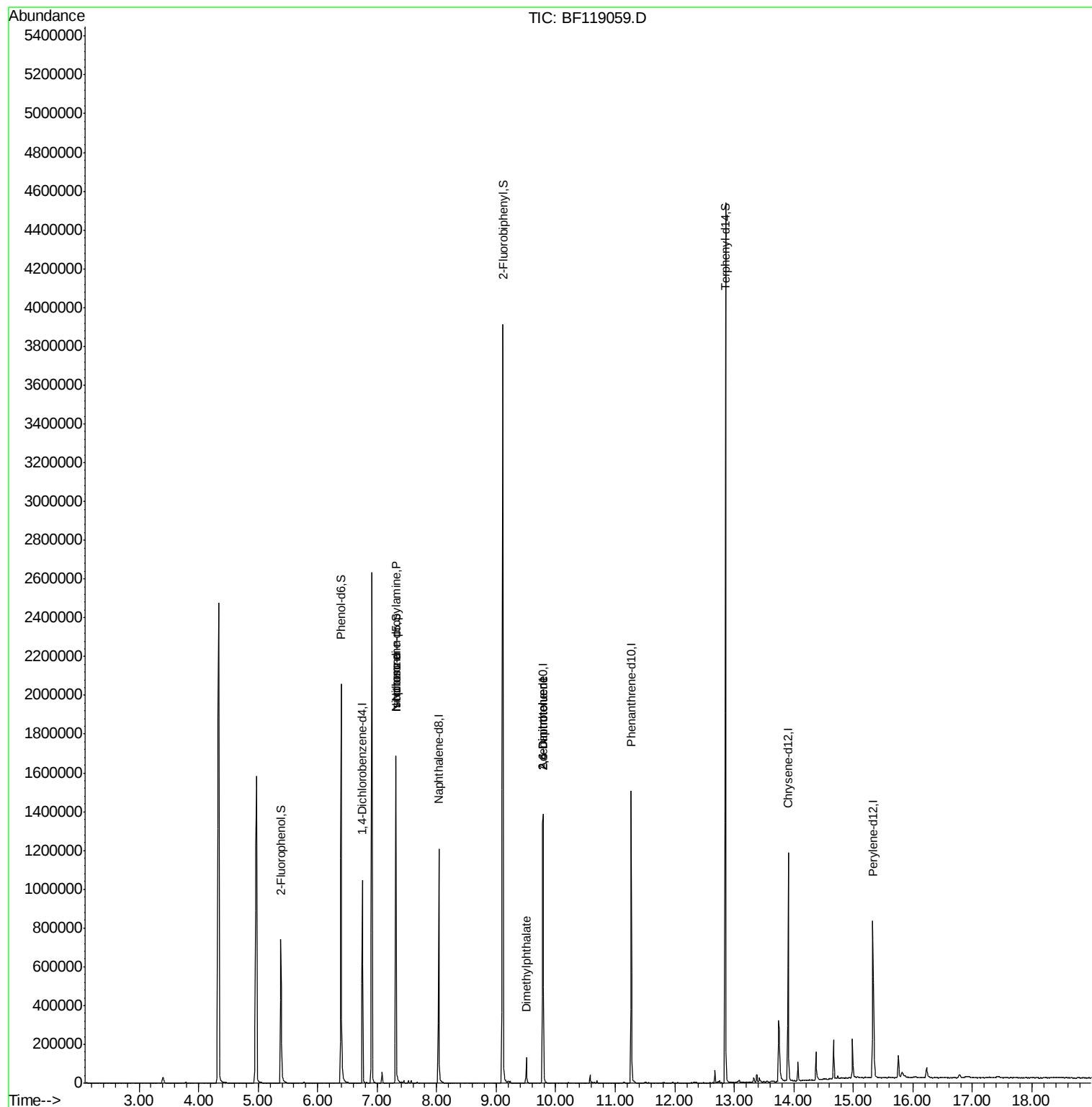
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153501	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	598252	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	328644	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	602568	20.00	ng	0.00
76) Chrysene-d12	13.90	240	408138	20.00	ng	0.00
87) Perylene-d12	15.33	264	397867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	245143	26.69	ng	0.00
7) Phenol-d6	6.39	99	735939	65.88	ng	-0.01
23) Nitrobenzene-d5	7.32	82	643363	56.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	7662	1.78	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1336656	59.92	ng	-0.01
79) Terphenyl-d14	12.85	244	1604925	67.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	87952	13.512	ng	# 76
25) Isophorone	7.32	82	643358	32.695	ng	# 63
50) Dimethylphthalate	9.50	163	74493	2.964	ng	99
51) 2,6-Dinitrotoluene	9.79	165	42921	7.687	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	42921	5.931	ng	# 29

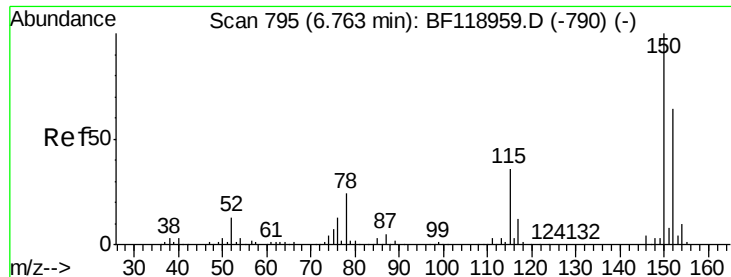
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



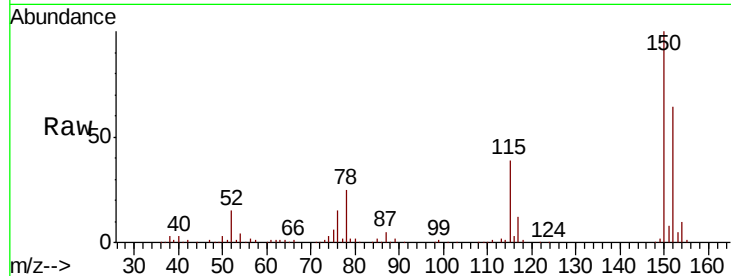


#1

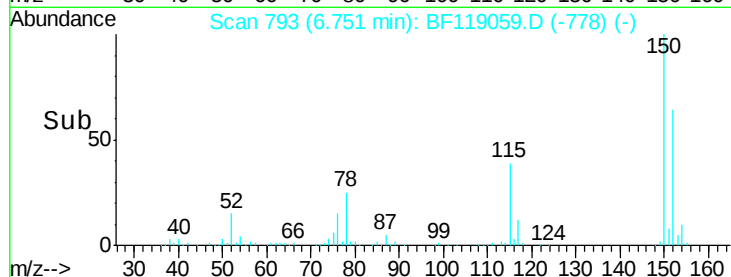
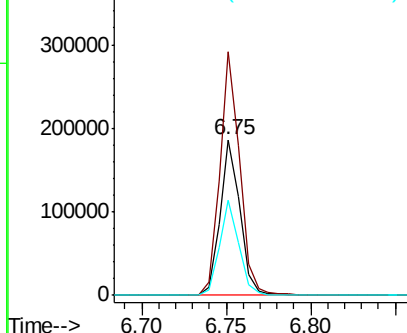
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.3	186.5
115	61.3	44.6	67.0



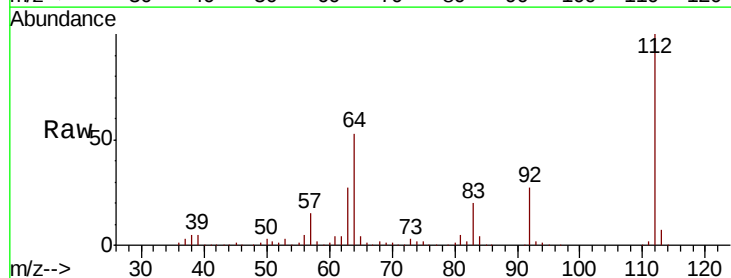
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



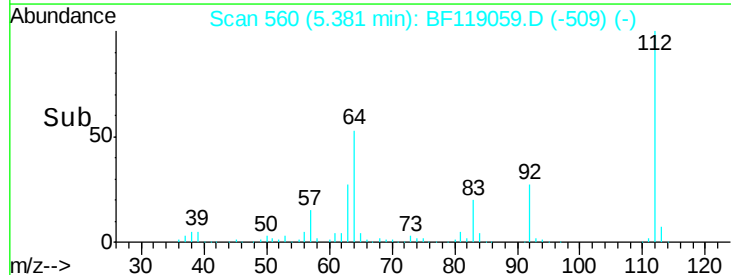
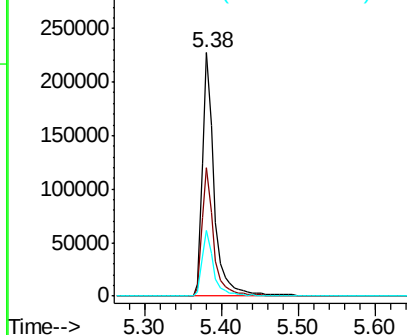
#5

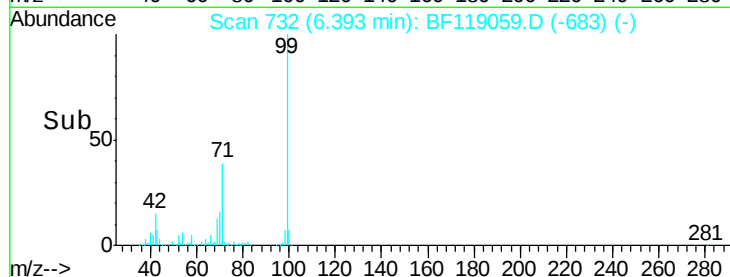
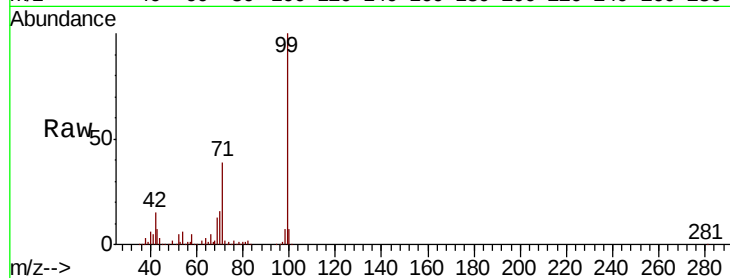
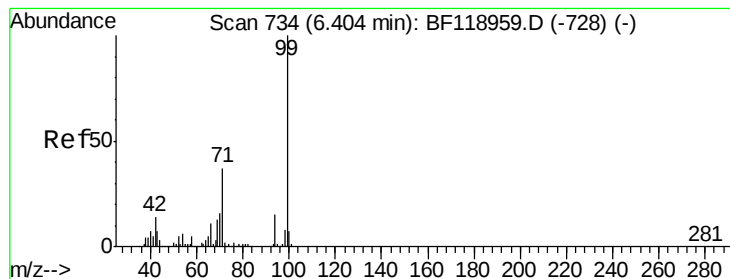
2-Fluorophenol
Concen: 26.689 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.4	60.6
63	27.2	21.3	31.9



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: 65.880 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampled :

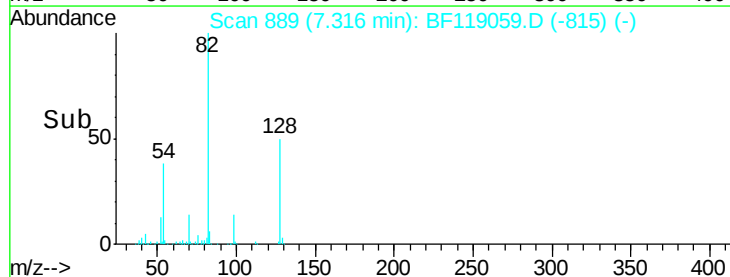
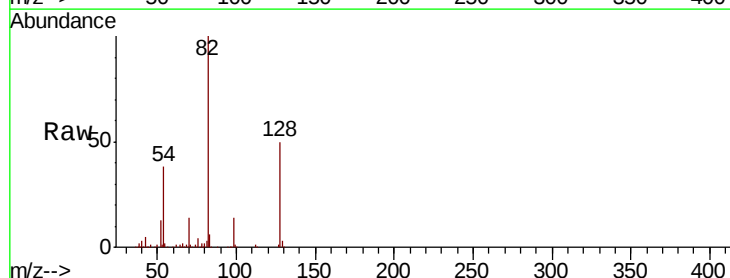
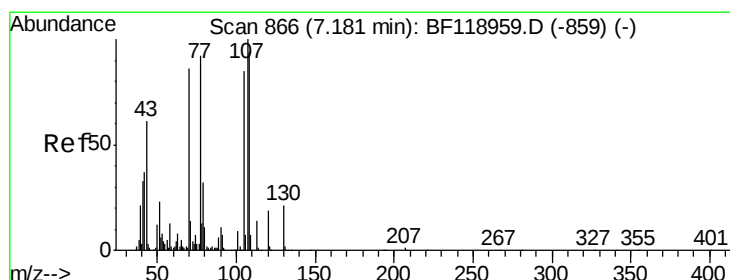
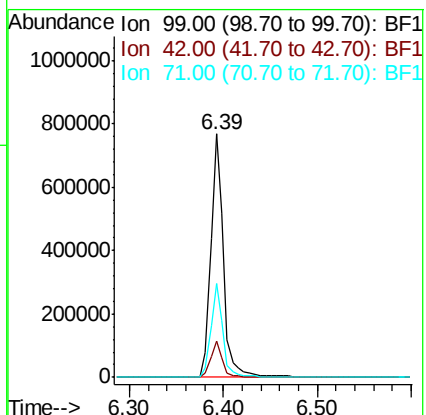
Tot Ion: 99 Resp: 735939

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

71 38.6 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.512 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Tgt Ion: 70 Resp: 87952

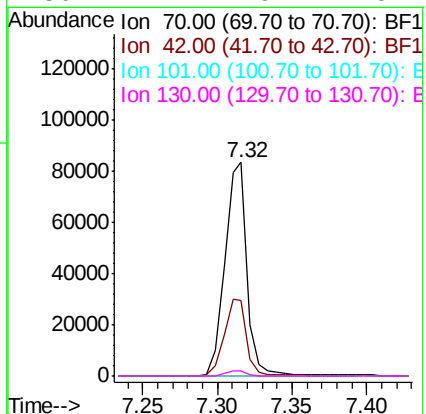
Ion Ratio Lower Upper

70 100

42 35.1 34.6 51.8

101 0.0 8.1 12.1#

130 2.4 19.4 29.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 598252

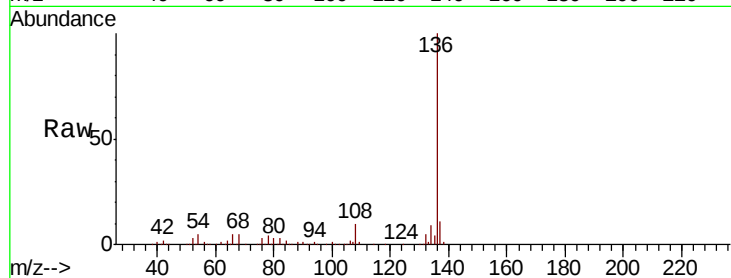
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 4.8 3.8 5.6

68 5.1 4.2 6.2

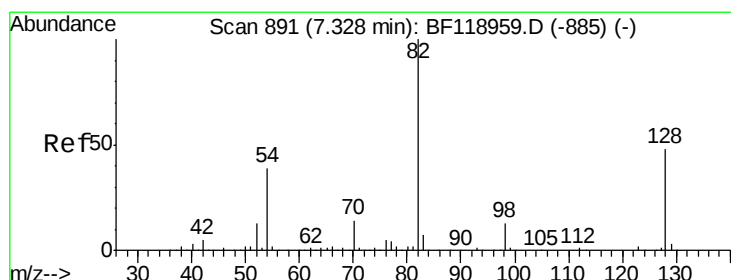
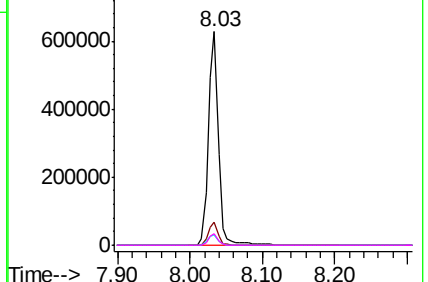
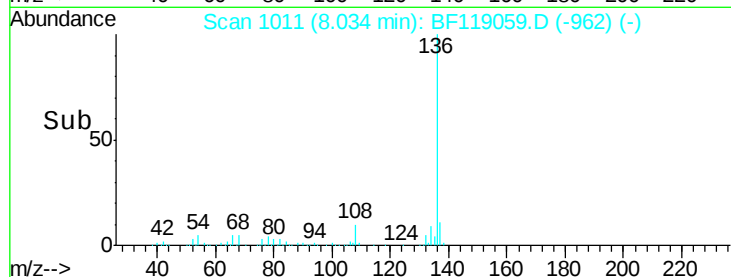


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 56.781 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

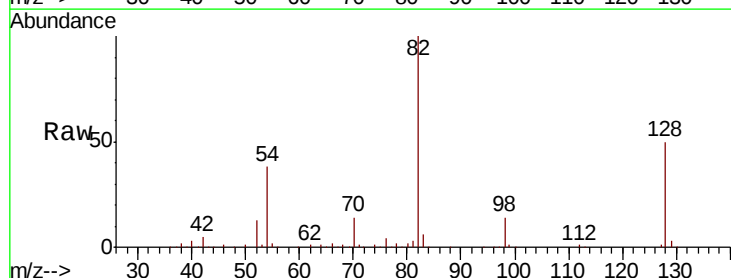
Tgt Ion: 82 Resp: 643363

Ion Ratio Lower Upper

82 100

128 49.8 38.2 57.2

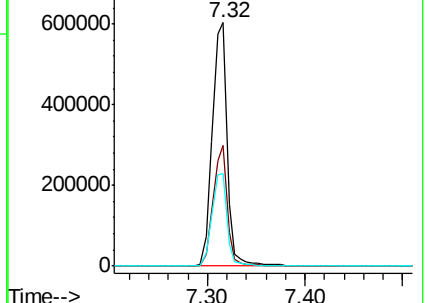
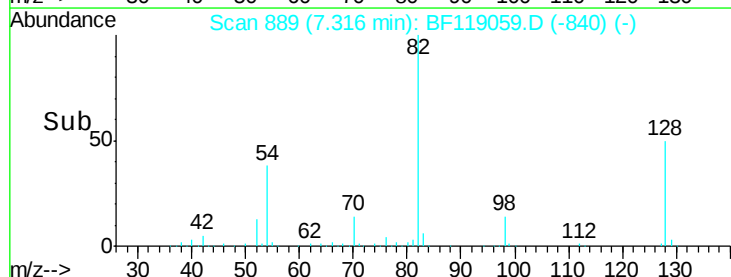
54 38.3 31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.695 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampleId :

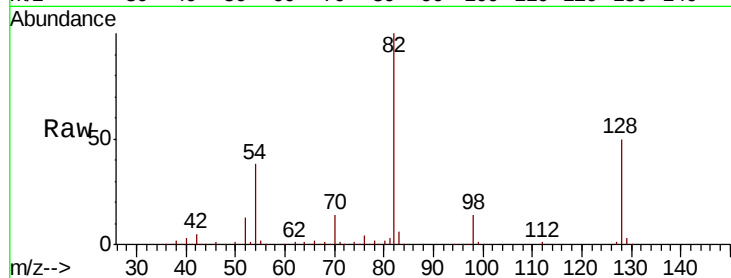
Tot Ion: 82 Resp: 643358

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

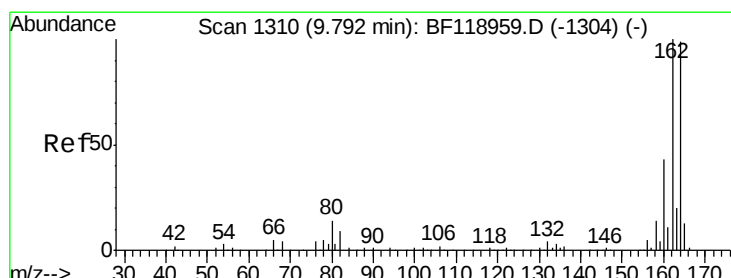
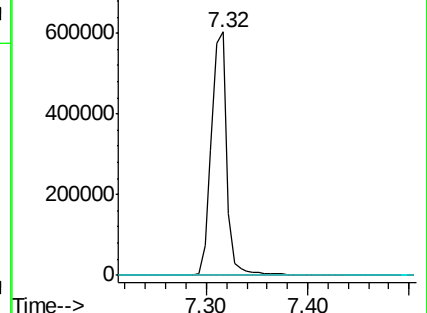
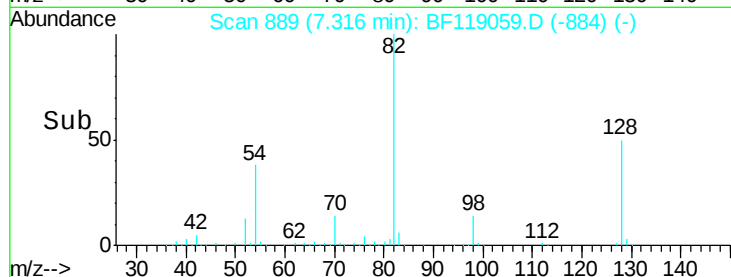
138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF119059.D (-884) (-)

Ion 95.00 (94.70 to 95.70): BF119059.D (-884) (-)

Ion 138.00 (137.70 to 138.70): BF119059.D (-884) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

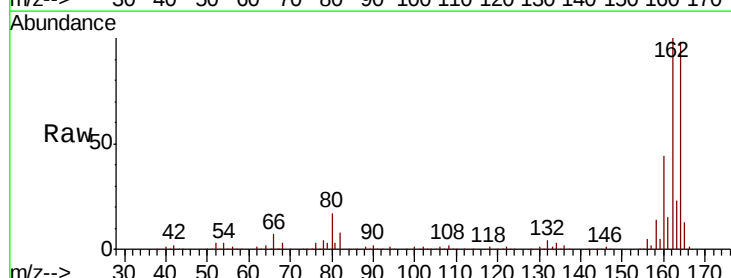
Tgt Ion: 164 Resp: 328644

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

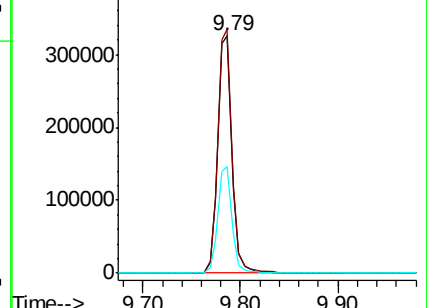
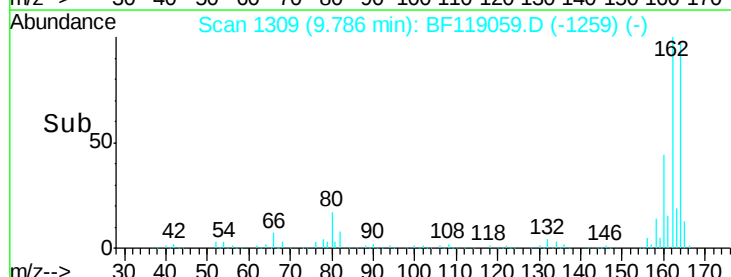
160 44.8 35.2 52.8

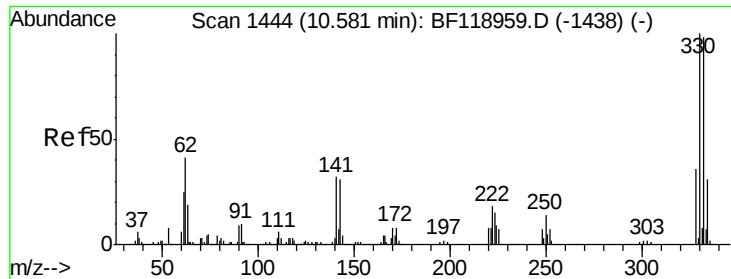


Abundance Ion 164.00 (163.70 to 164.70): BF119059.D (-1259) (-)

Ion 162.00 (161.70 to 162.70): BF119059.D (-1259) (-)

Ion 160.00 (159.70 to 160.70): BF119059.D (-1259) (-)

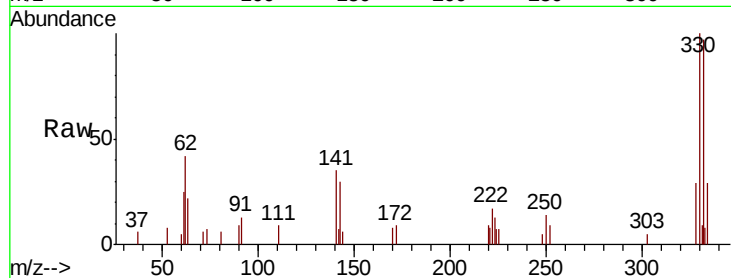




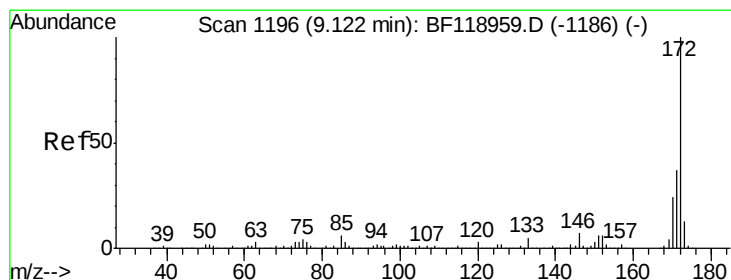
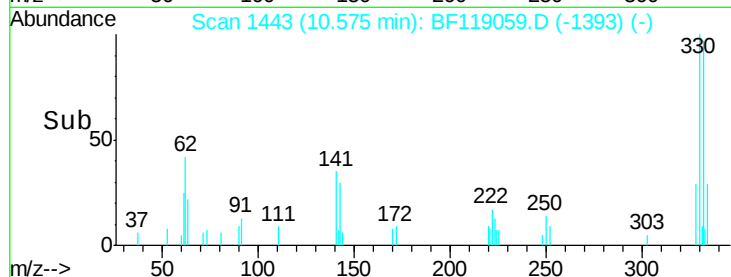
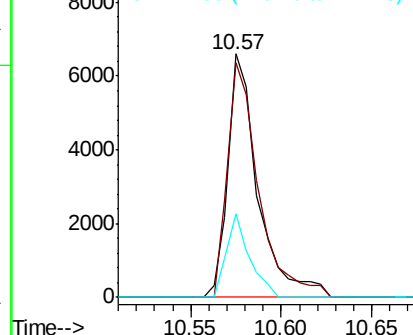
#42
 2,4,6-Tribromophenol
 Concen: 1.782 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 7662
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.1 115.7
 141 25.8 23.0 34.6

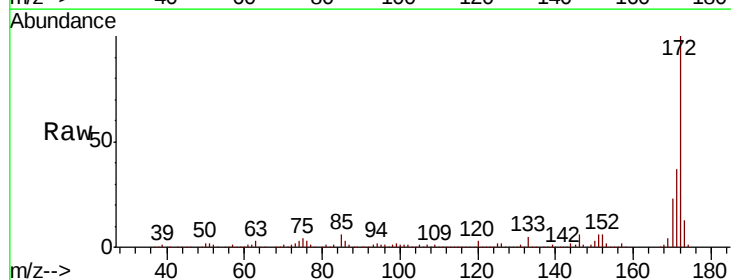


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

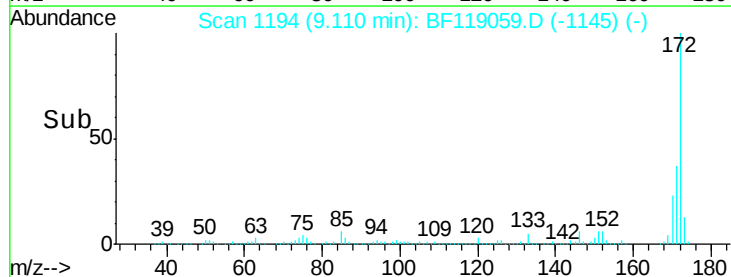
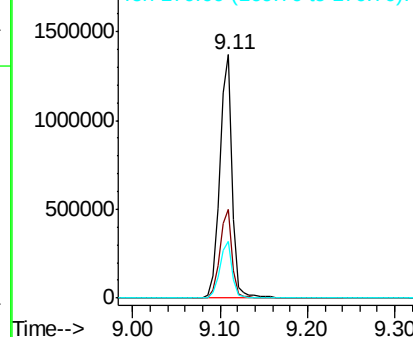


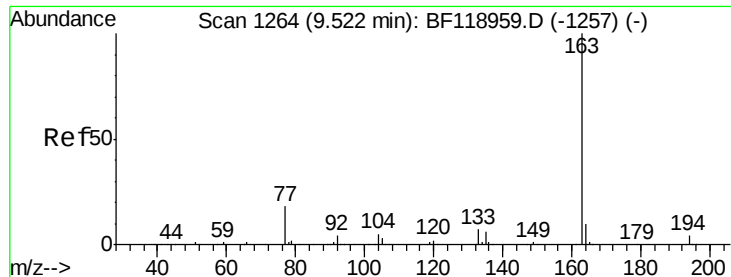
#45
 2-Fluorobiphenyl
 Concen: 59.917 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119059.D
 Acq: 25 Feb 2020 10:39

Tgt Ion:172 Resp: 1336656
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 23.4 19.6 29.4



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

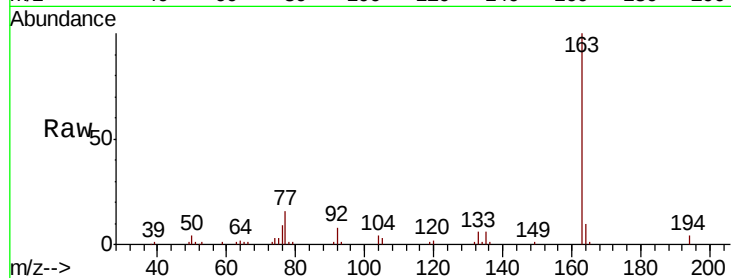




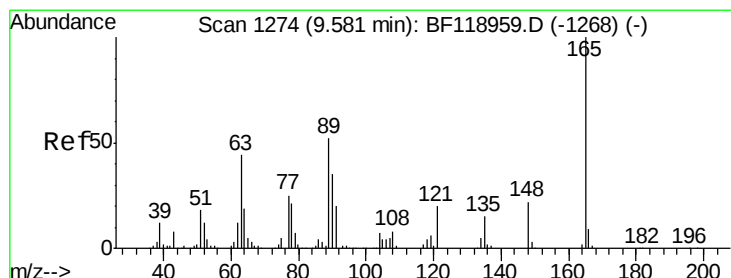
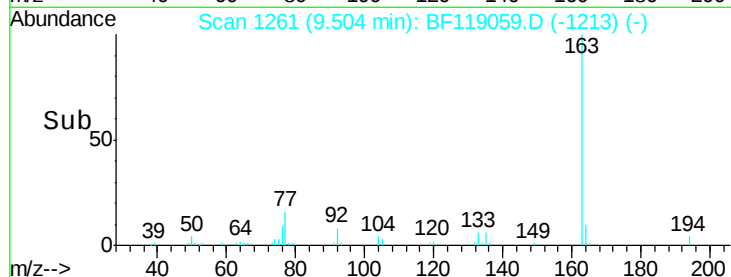
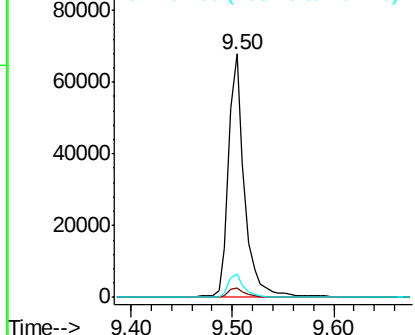
#50
Dimethylphthalate
Concen: 2.964 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 74493
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 8.2 12.2

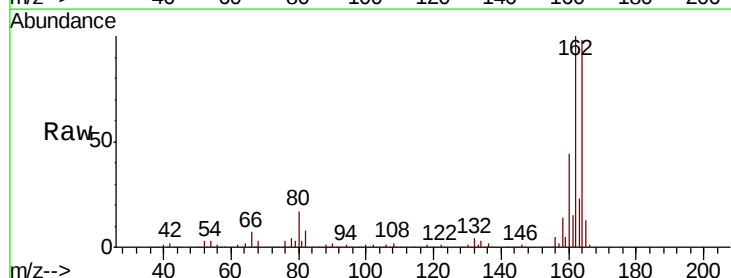


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

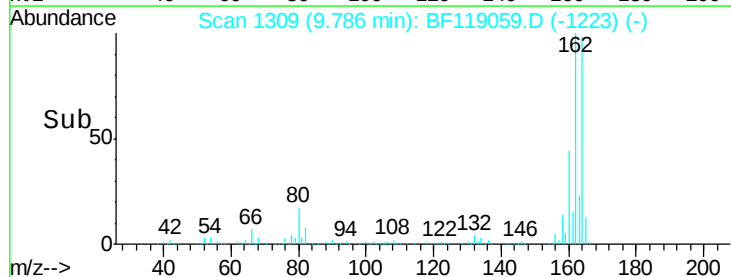
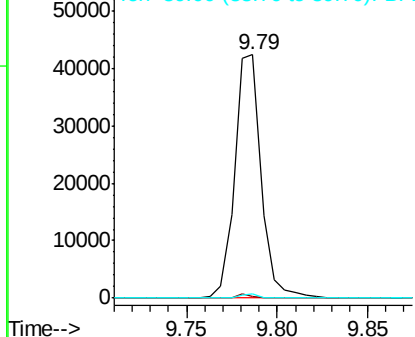


#51
2,6-Dinitrotoluene
Concen: 7.687 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Tgt Ion:165 Resp: 42921
Ion Ratio Lower Upper
165 100
63 1.0 37.9 56.9#
89 1.7 41.4 62.0#



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

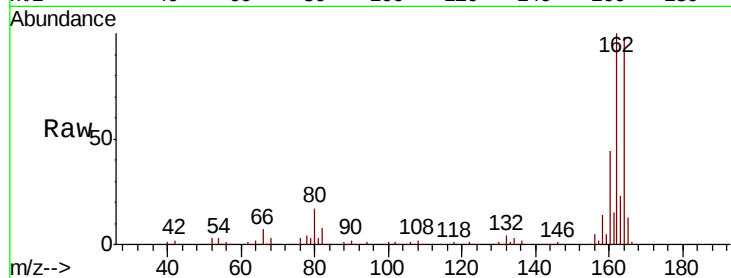




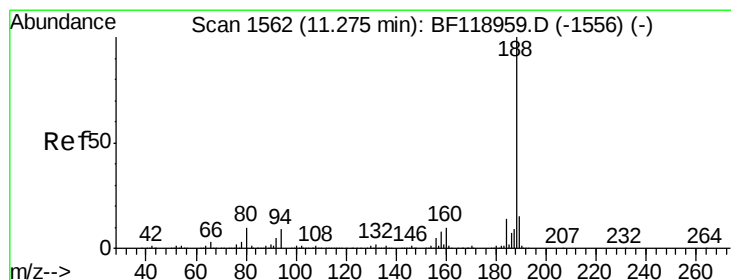
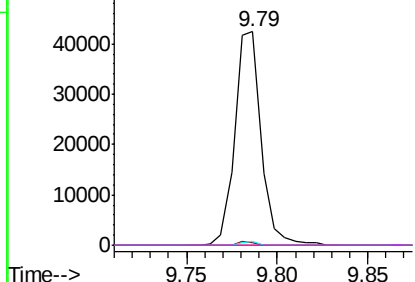
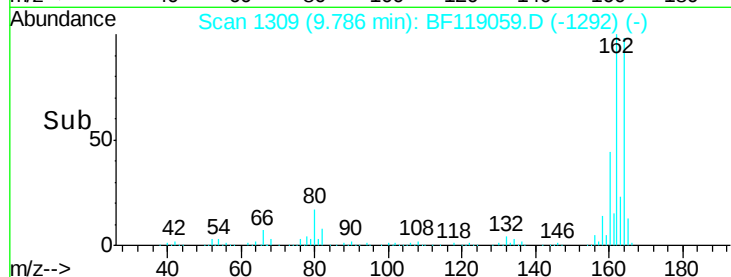
#57
2,4-Dinitrotoluene
Concen: 5.931 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42921
Ion Ratio Lower Upper
165 100
63 1.0 29.8 44.8#
89 1.7 51.9 77.9#
182 0.0 2.3 3.5#

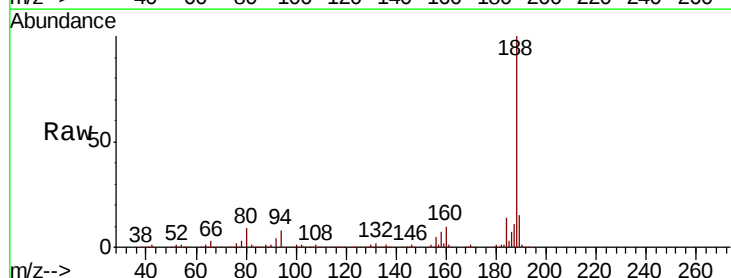


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

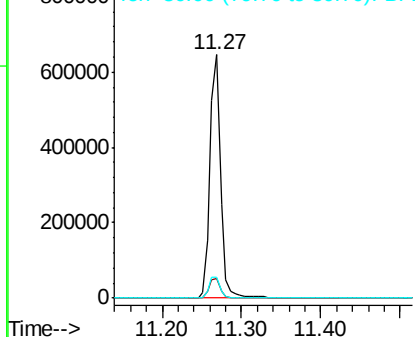
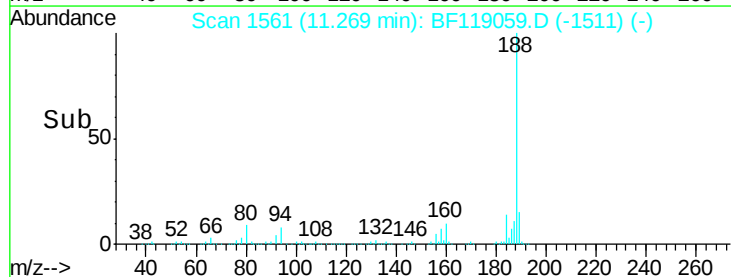


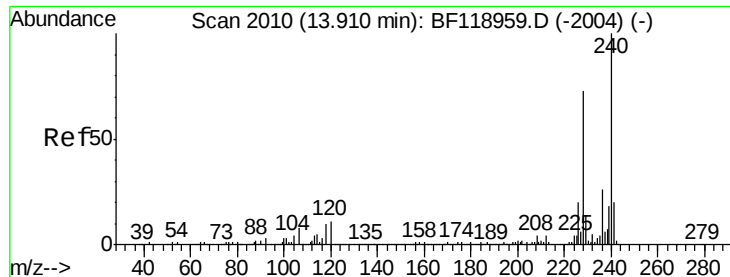
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Tgt Ion:188 Resp: 602568
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.5 7.9 11.9



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

Instrument :

BNA_F

ClientSampleId :

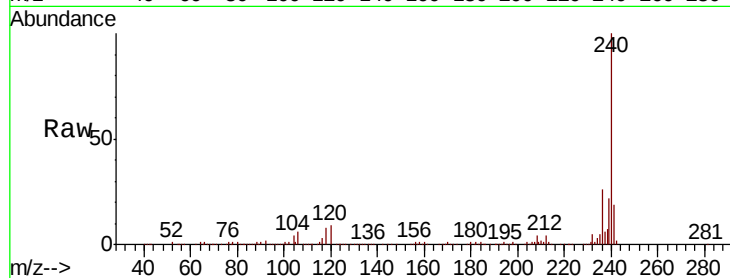
Tot Ion:240 Resp: 408138

Ion Ratio Lower Upper

240 100

120 9.1 8.9 13.3

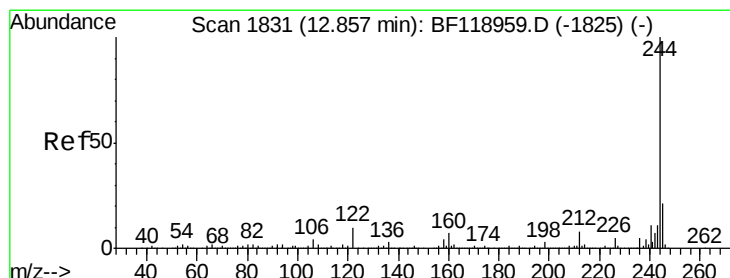
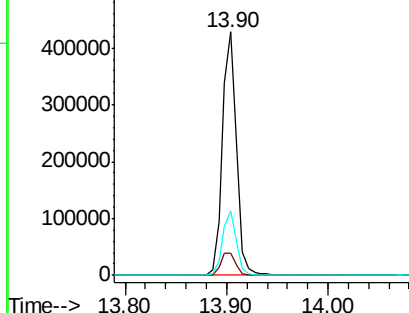
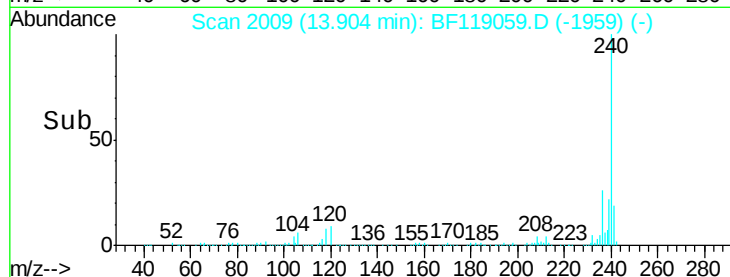
236 26.2 20.6 30.8



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: 67.702 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119059.D

Acq: 25 Feb 2020 10:39

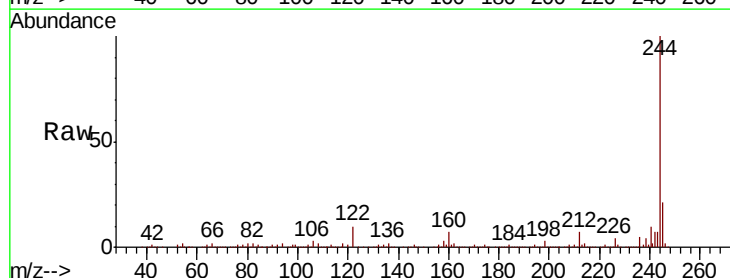
Tgt Ion:244 Resp: 1604925

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

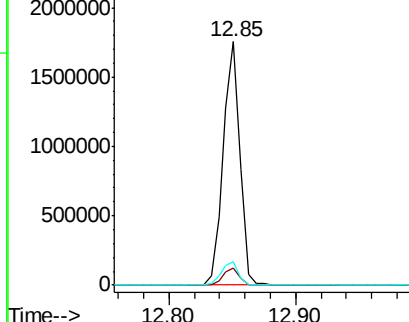
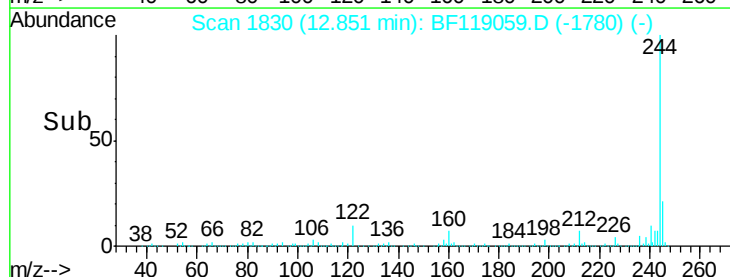
122 9.6 8.4 12.6

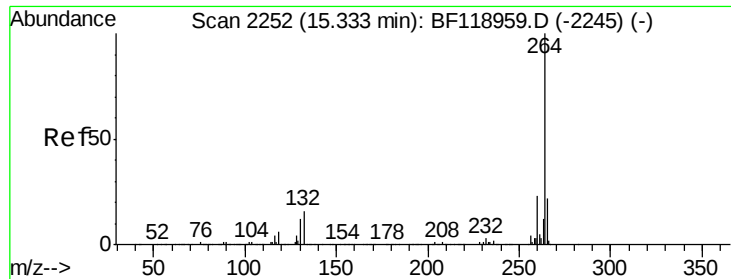


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119059.D
Acq: 25 Feb 2020 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.4	17.3	25.9

