

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119195.D
 Acq On : 4 Mar 2020 15:25
 Operator : CG/JU
 Sample : L1757-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 16:27:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

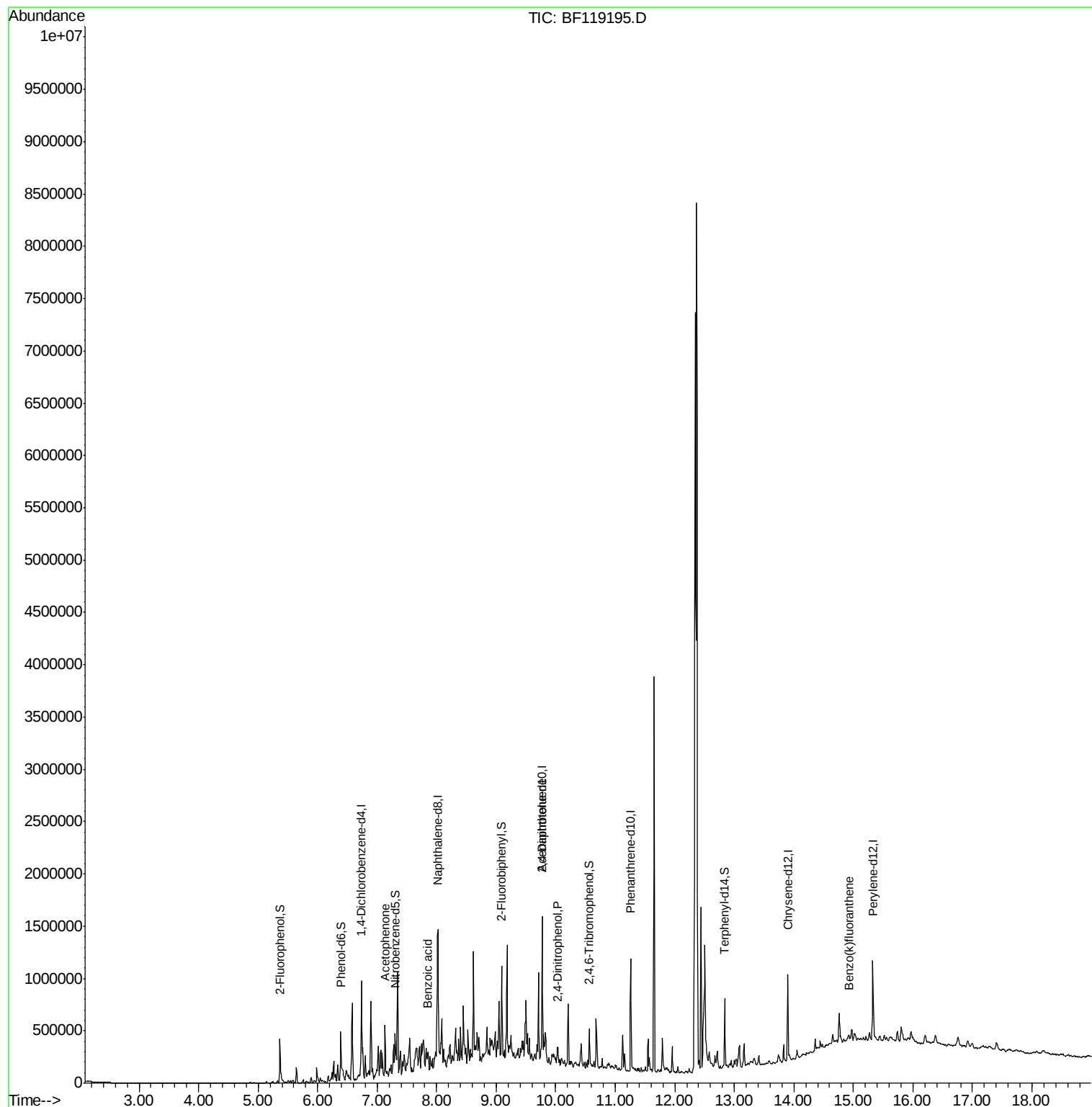
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	138206	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	501641	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	249789	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	385809	20.00	ng	0.00
76) Chrysene-d12	13.90	240	267172	20.00	ng	0.00
87) Perylene-d12	15.33	264	314439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	166823	20.17	ng	0.00
7) Phenol-d6	6.39	99	208484	20.73	ng	-0.02
23) Nitrobenzene-d5	7.30	82	126188	13.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	49373	15.11	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	259113	15.28	ng	-0.02
79) Terphenyl-d14	12.84	244	217317	14.00	ng	-0.01
Target Compounds						
22) Acetophenone	7.13	105	39223	3.379	ng	# 43
32) Benzoic acid	7.85	122	655	6.794	ng	# 1
54) 2,4-Dinitrophenol	10.03	184	112	7.524	ng	# 1
57) 2,4-Dinitrotoluene	9.77	165	35138	6.388	ng	# 22
89) Benzo(k)fluoranthene	14.92	252	40469	2.107	ng	# 70

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

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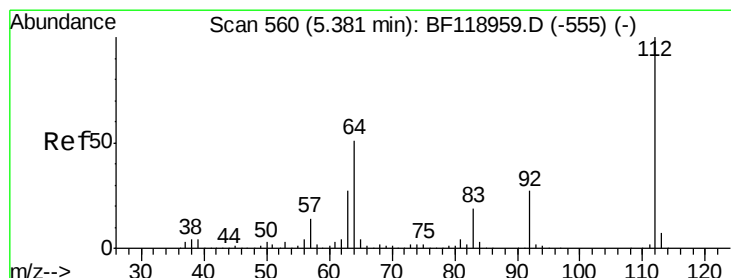
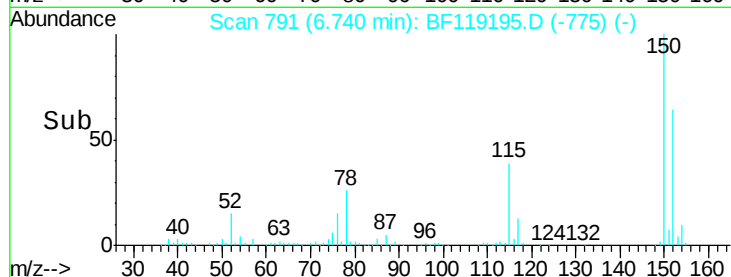
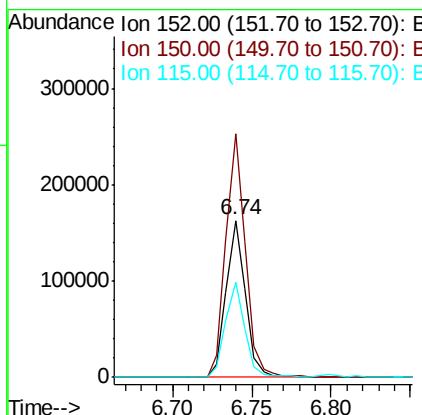
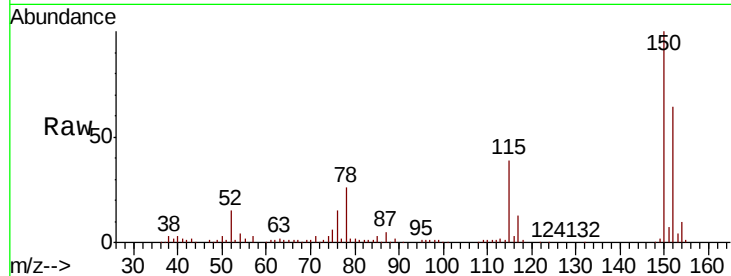


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

Instrument :
BNA_F
ClientSampleId :

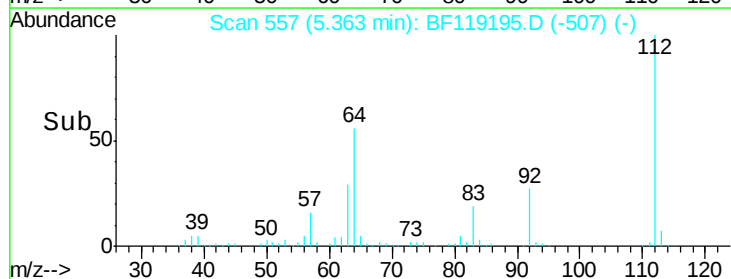
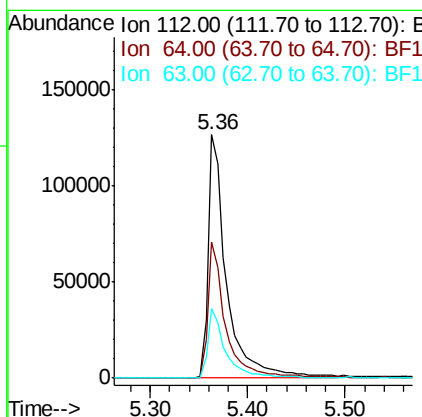
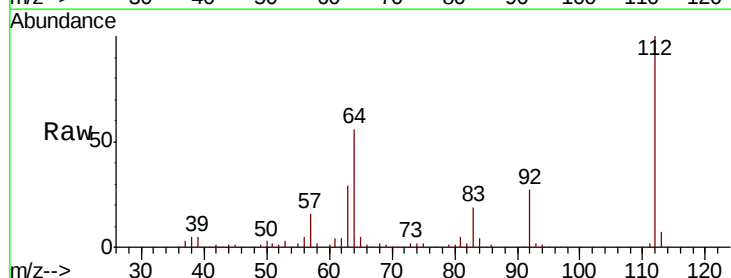
Tot Ion:152 Resp: 138206
Ion Ratio Lower Upper
152 100
150 155.2 123.0 184.6
115 60.5 49.5 74.3



#5

2-Fluorophenol
Concen: 20.172 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

Tgt Ion:112 Resp: 166823
Ion Ratio Lower Upper
112 100
64 55.7 45.0 67.4
63 28.5 24.2 36.4





#7

Phenol-d6

Concen: 20.729 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

Instrument :

BNA_F

ClientSampleId :

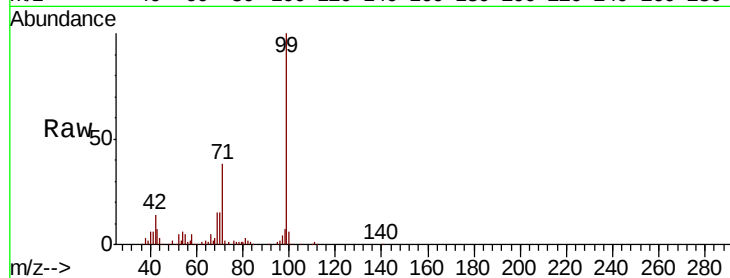
Tot Ion: 99 Resp: 208484

Ion Ratio Lower Upper

99 100

42 14.2 12.6 18.8

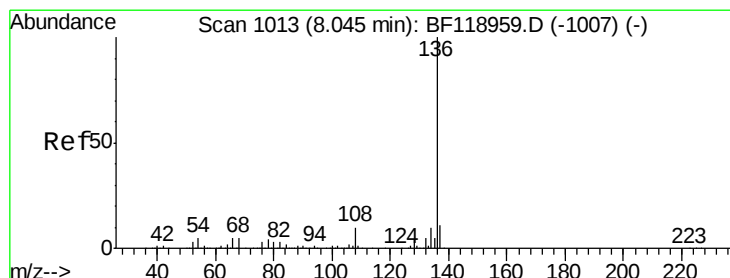
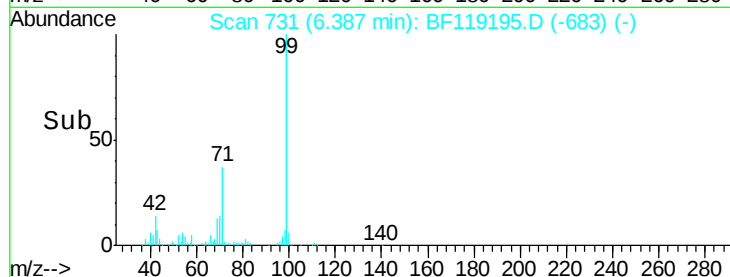
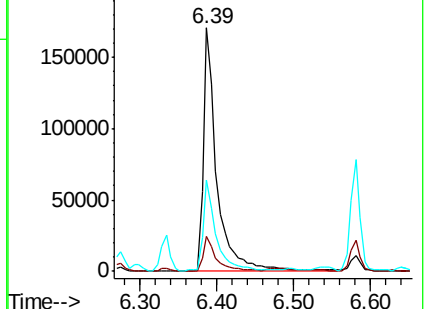
71 37.6 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

Tgt Ion: 136 Resp: 501641

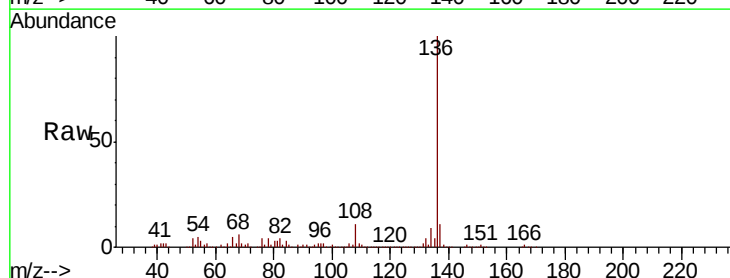
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.3 3.8 5.6

68 5.8 3.9 5.9

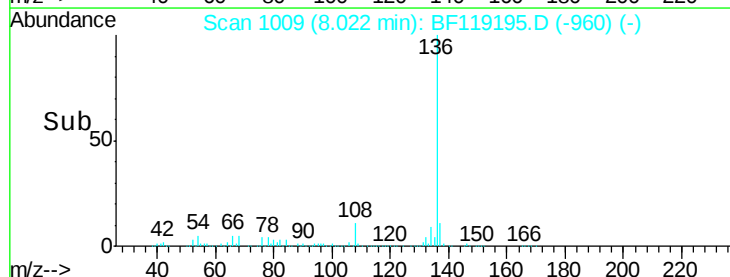
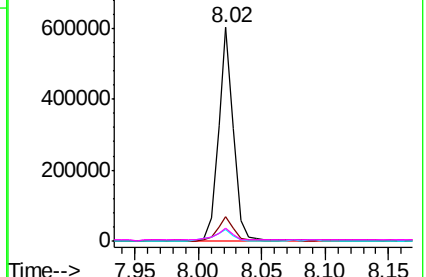


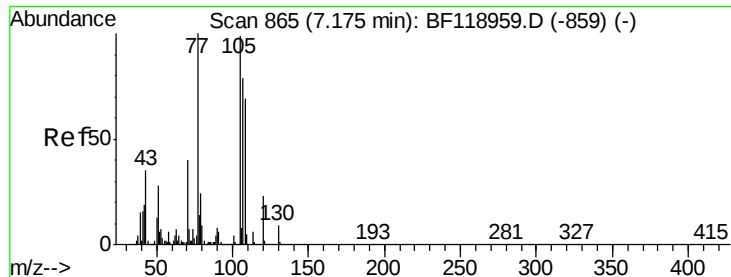
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 3.379 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 39223

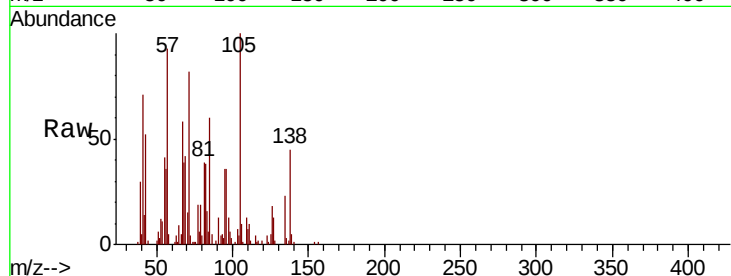
Ion Ratio Lower Upper

105 100

71 82.3 3.0 4.4#

51 5.8 20.1 30.1#

120 0.0 18.0 27.0#

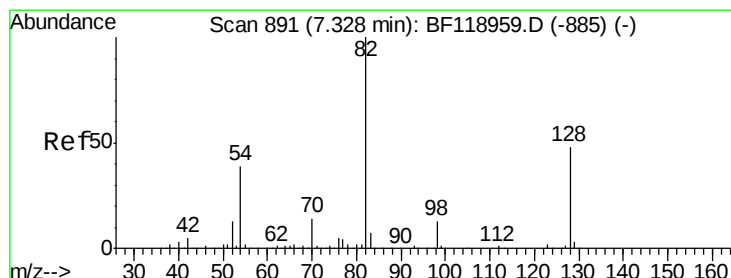
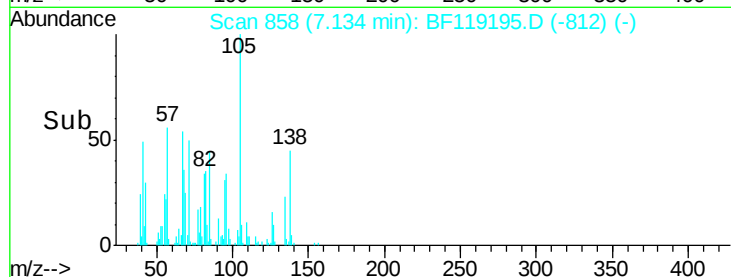
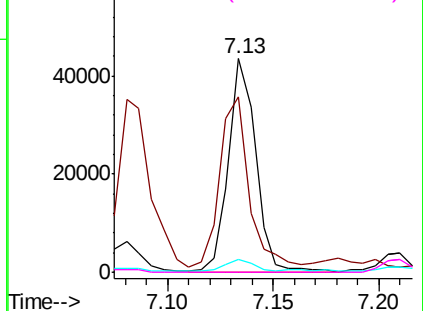


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 13.282 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

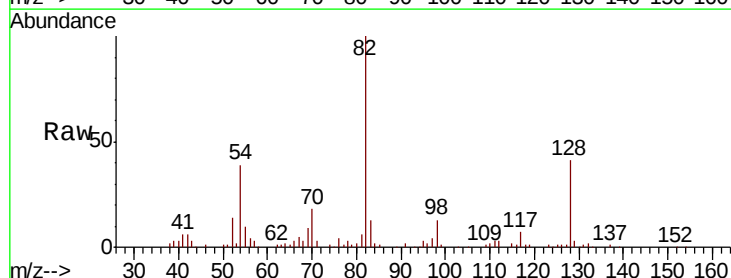
Tgt Ion: 82 Resp: 126188

Ion Ratio Lower Upper

82 100

128 40.6 37.9 56.9

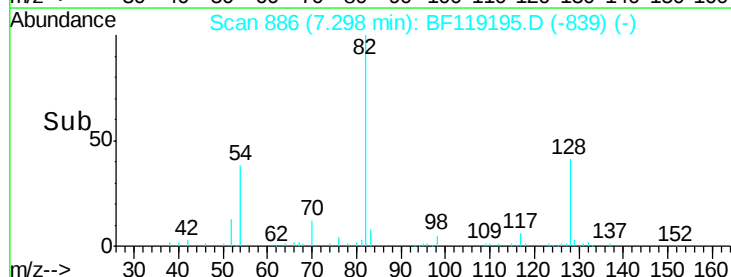
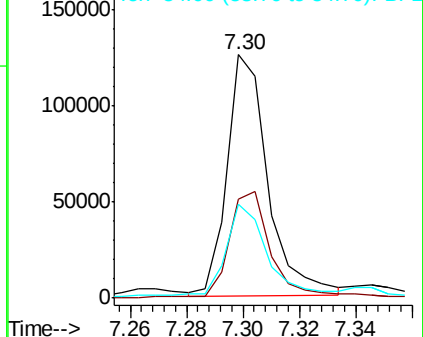
54 38.6 33.4 50.2

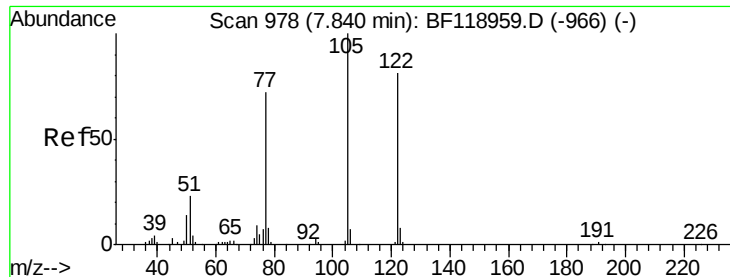


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

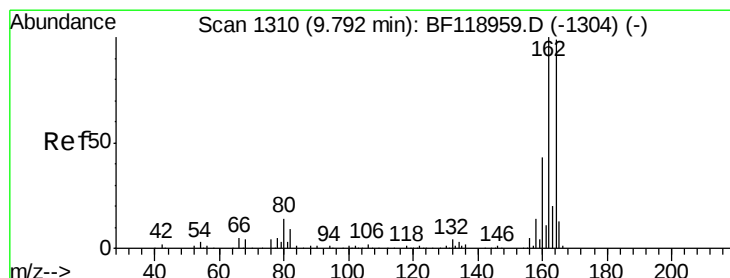
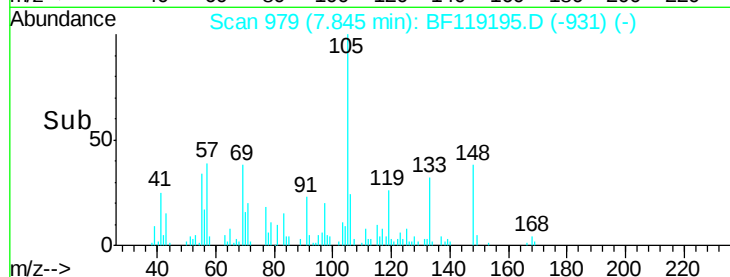
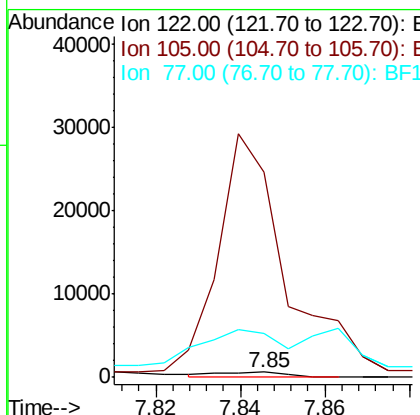
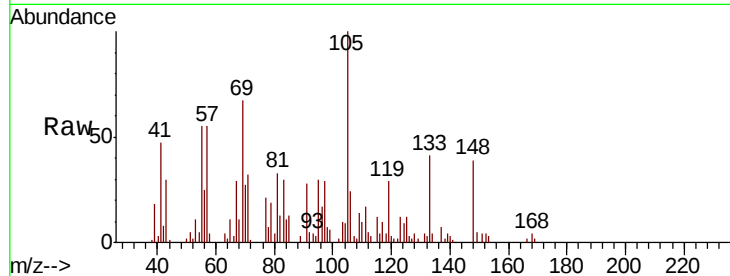




#32
Benzoic acid
Concen: 6.794 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

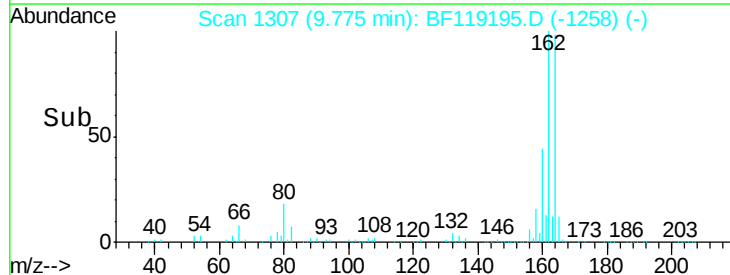
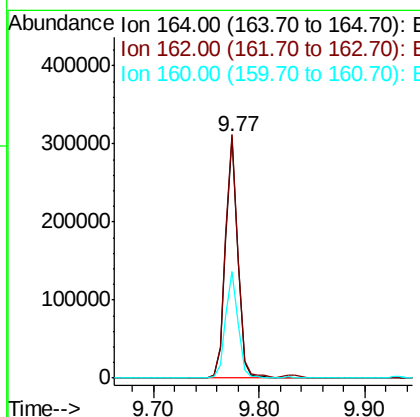
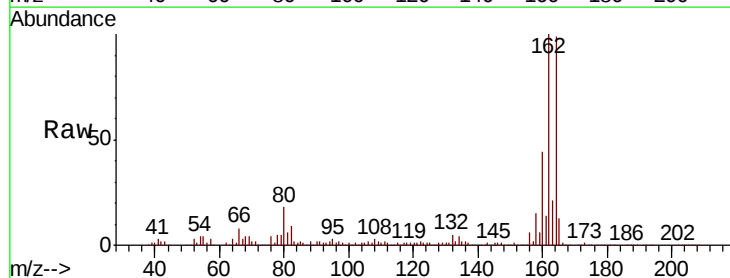
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 655
Ion Ratio Lower Upper
122 100
105 4117.9 106.3 146.3#
77 875.9 73.1 113.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

Tgt Ion:164 Resp: 249789
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.8
160 44.4 36.0 54.0

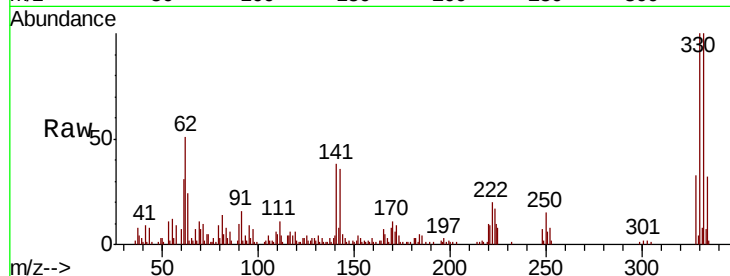




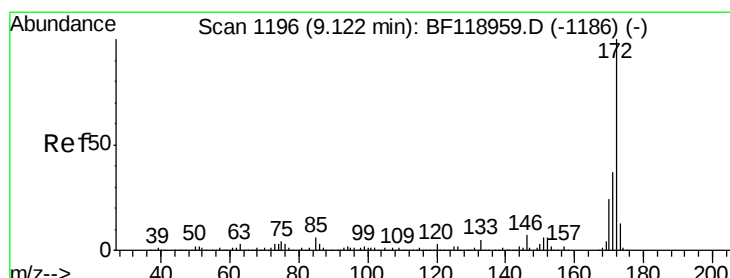
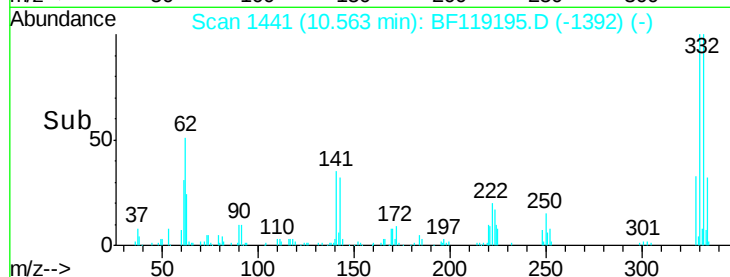
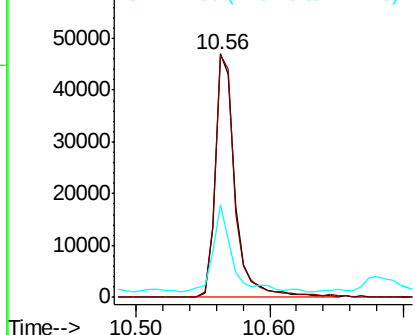
#42
 2,4,6-Tribromophenol
 Concen: 15.110 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119195.D
 Acq: 4 Mar 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 49373
 Ion Ratio Lower Upper
 330 100
 332 100.4 76.0 114.0
 141 33.2 22.9 34.3

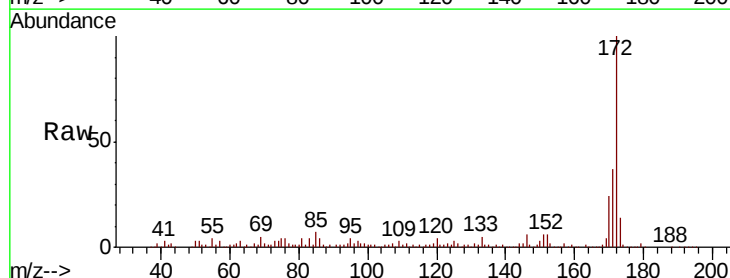


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

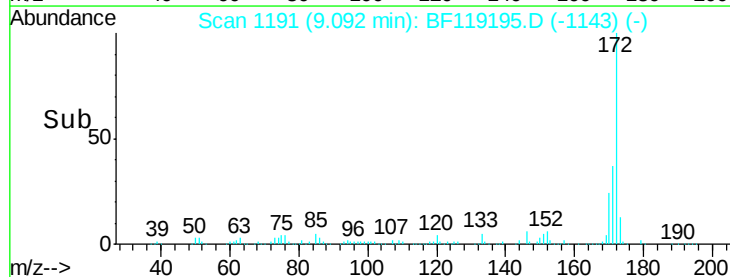
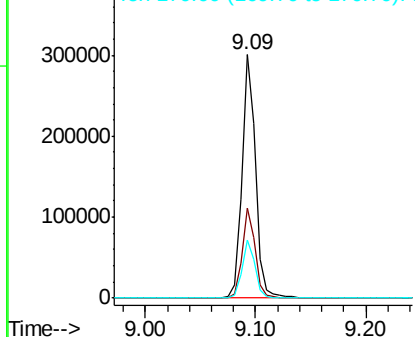


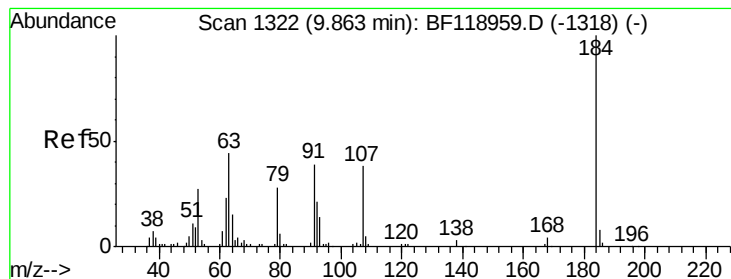
#45
 2-Fluorobiphenyl
 Concen: 15.282 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119195.D
 Acq: 4 Mar 2020 15:25

Tgt Ion:172 Resp: 259113
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 24.0 20.2 30.2



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





#54

2,4-Dinitrophenol

Concen: 7.524 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.16 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

Instrument :

BNA_F

ClientSampleId :

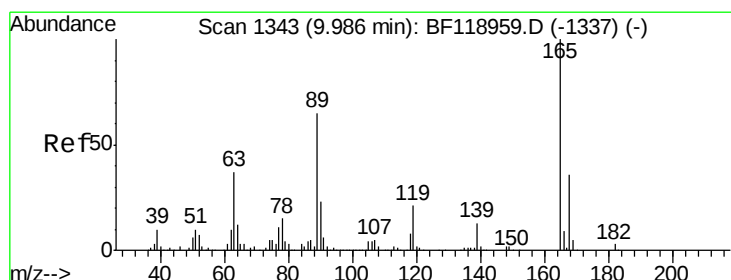
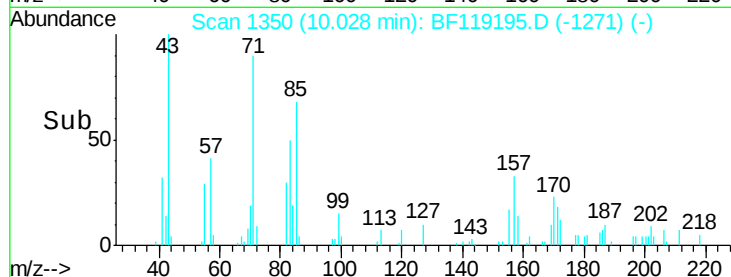
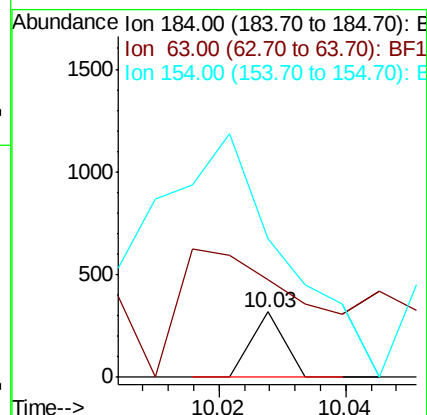
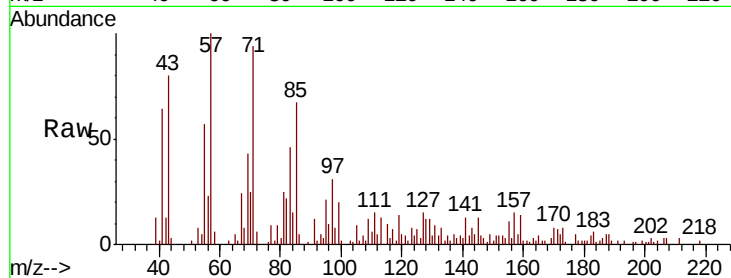
Tot Ion:184 Resp: 112

Ion Ratio Lower Upper

184 100

63 150.0 38.7 58.1#

154 211.6 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 6.388 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119195.D

Acq: 4 Mar 2020 15:25

Tgt Ion:165 Resp: 35138

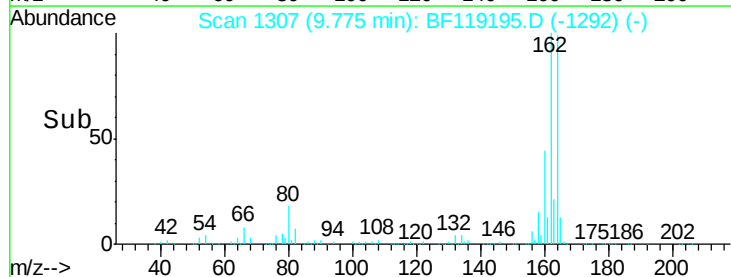
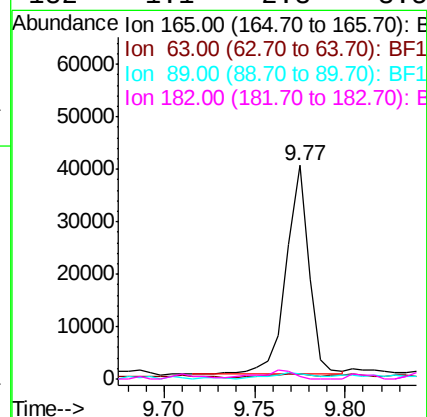
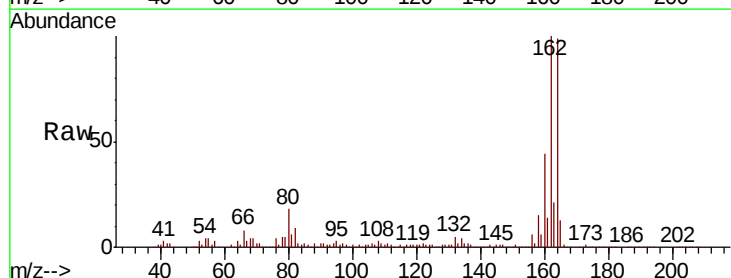
Ion Ratio Lower Upper

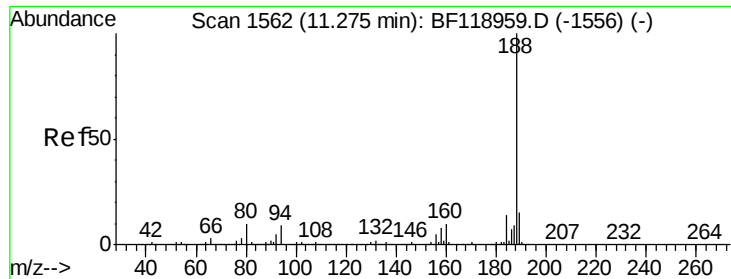
165 100

63 2.3 42.3 63.5#

89 2.6 60.2 90.4#

182 1.1 2.3 3.5#

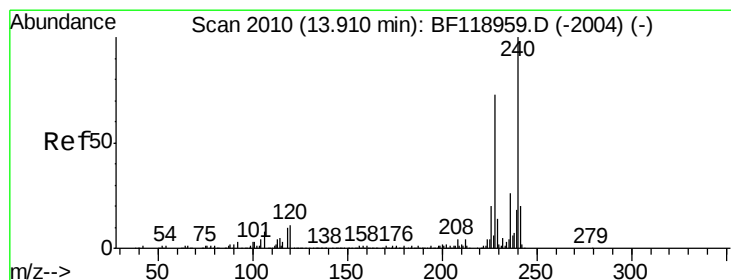
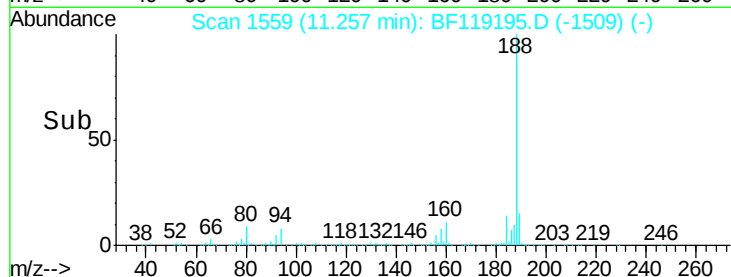
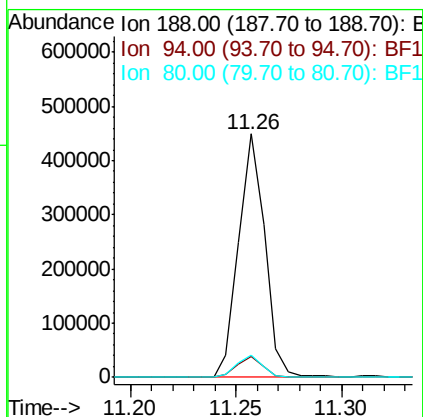
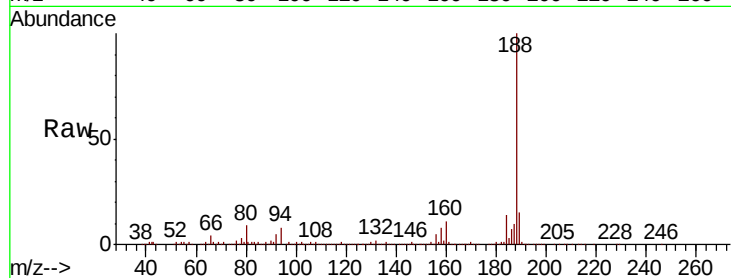




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

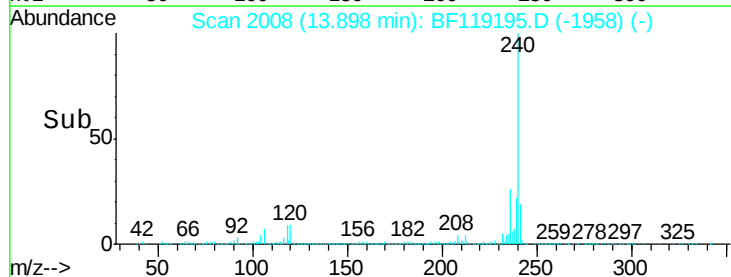
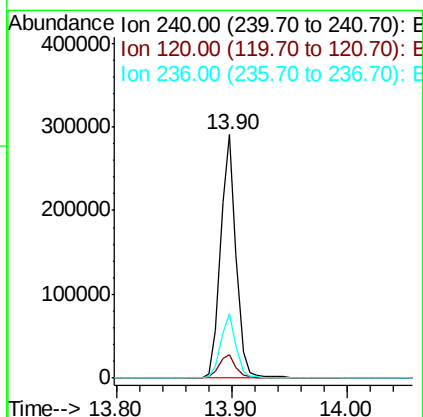
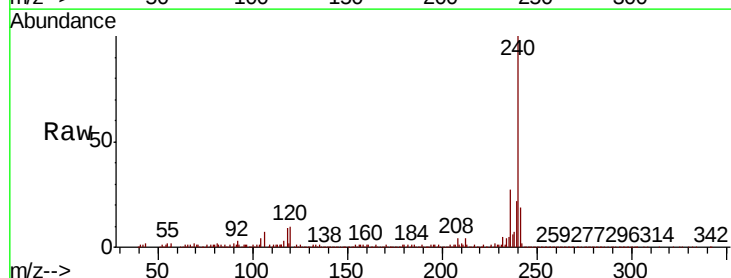
Instrument :
BNA_F
ClientSampleId :

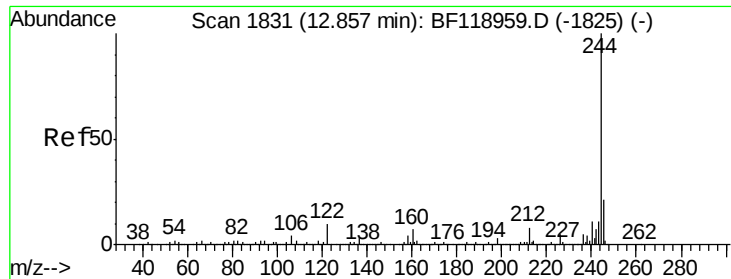
Tot Ion:188 Resp: 385809
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.3 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119195.D
Acq: 4 Mar 2020 15:25

Tgt Ion:240 Resp: 267172
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 26.6 21.0 31.4

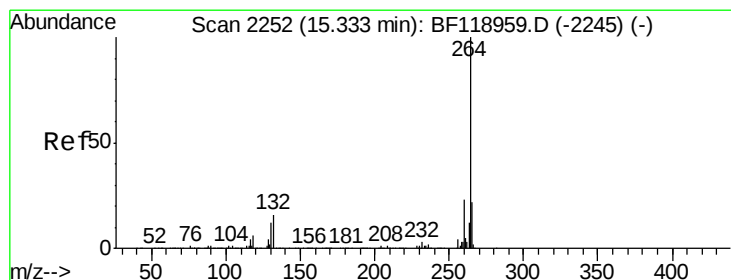
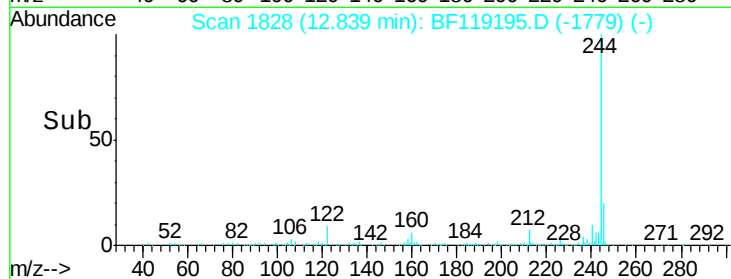
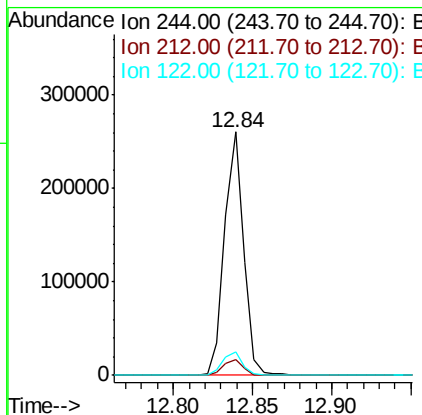
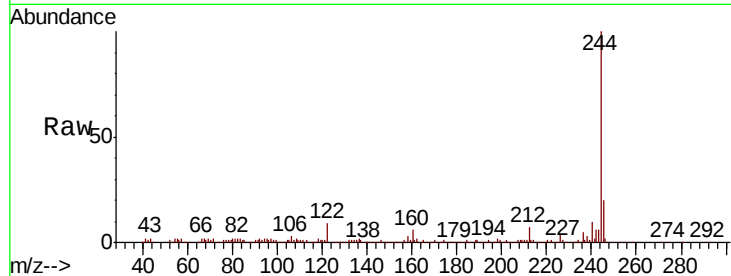




#79
 Terphenyl-d14
 Concen: 14.004 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119195.D
 Acq: 4 Mar 2020 15:25

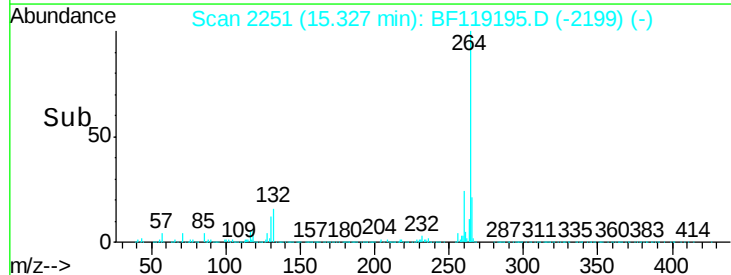
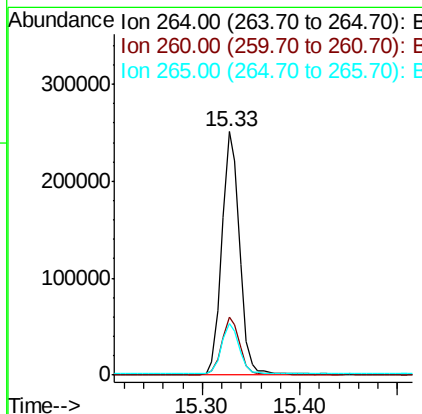
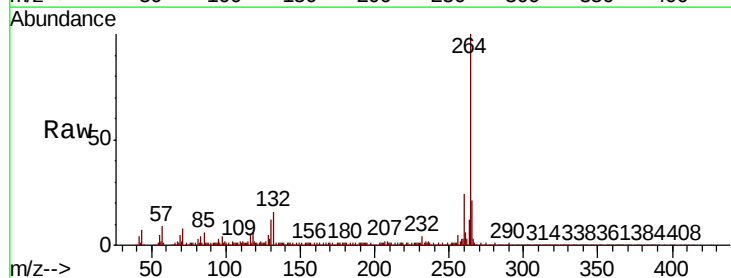
Instrument :
 BNA_F
 ClientSampleId :

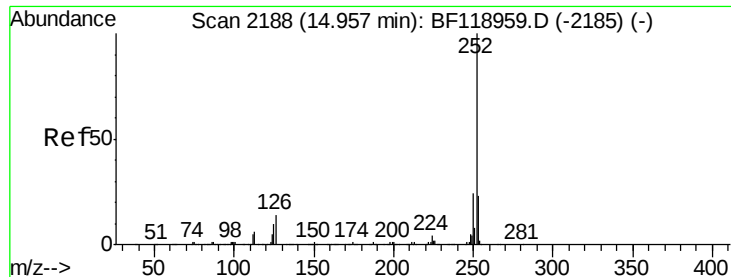
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.6	10.0#
122	9.5	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119195.D
 Acq: 4 Mar 2020 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.7	26.5





#89
 Benzo(k)fluoranthene
 Concen: 2.107 ng
 RT: 14.92 min Scan# 2182
 Delta R.T. -0.03 min
 Lab File: BF119195.D
 Acq: 4 Mar 2020 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 252 Resp: 40469
 Ion Ratio Lower Upper
 252 100
 253 35.8 17.8 26.8#
 125 22.5 7.5 11.3#

