

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119202.D
 Acq On : 4 Mar 2020 18:53
 Operator : CG/JU
 Sample : L1774-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:49:09 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

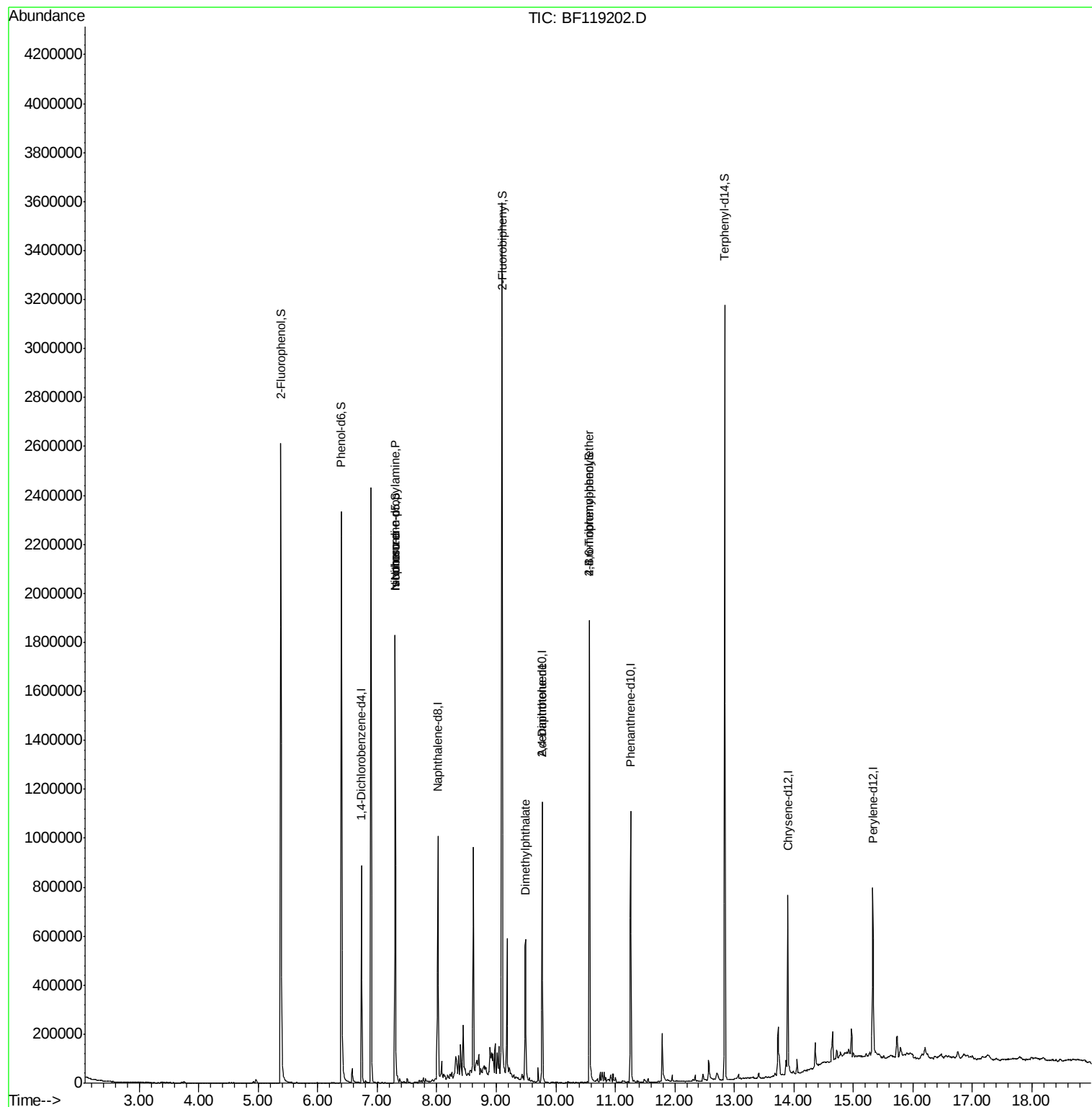
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	129324	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	482562	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	246316	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	397856	20.00	ng	0.00
76) Chrysene-d12	13.90	240	247990	20.00	ng	0.00
87) Perylene-d12	15.33	264	283415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	783836	101.29	ng	0.01
7) Phenol-d6	6.40	99	949034	100.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	626669	68.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	284085	88.16	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1182259	70.71	ng	-0.01
79) Terphenyl-d14	12.84	244	1079558	74.95	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	87146	15.891	ng	# 76
25) Isophorone	7.30	82	616187	38.821	ng	# 63
50) Dimethylphthalate	9.49	163	253350	13.451	ng	98
57) 2,4-Dinitrotoluene	9.77	165	31589	5.824	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	18891	3.633	ng	# 1

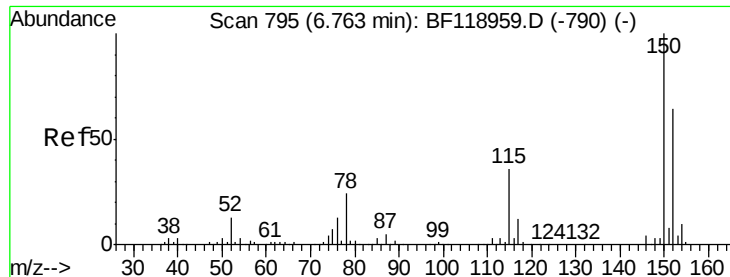
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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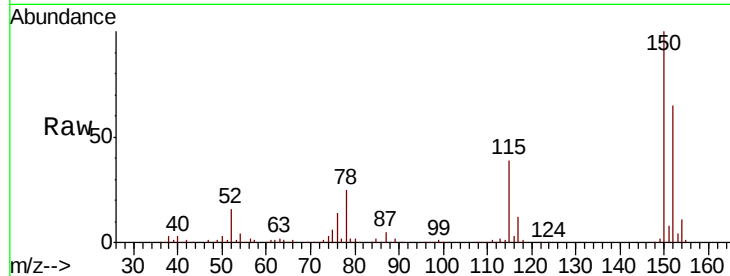


#1

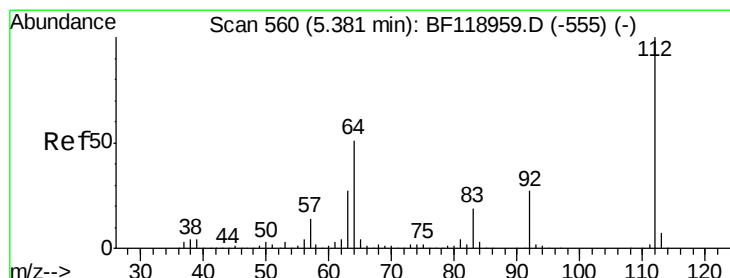
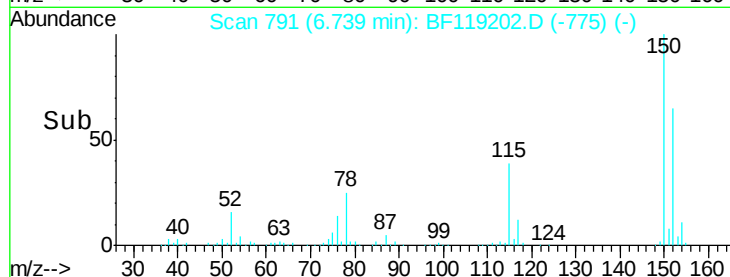
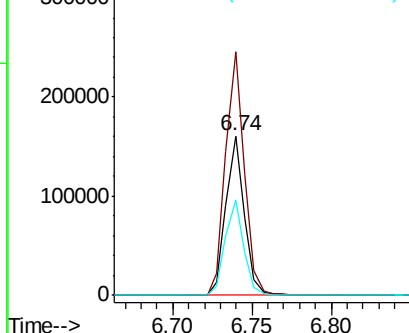
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.6
115	59.4	49.5	74.3



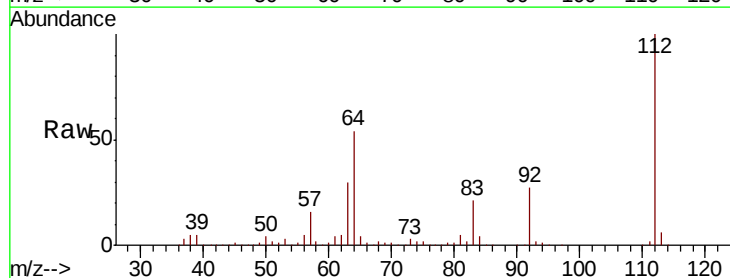
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



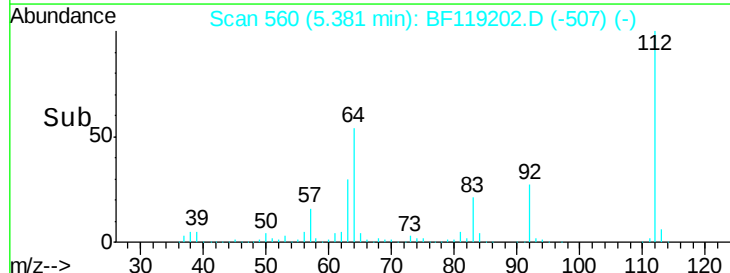
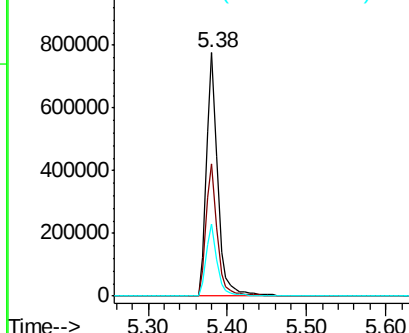
#5

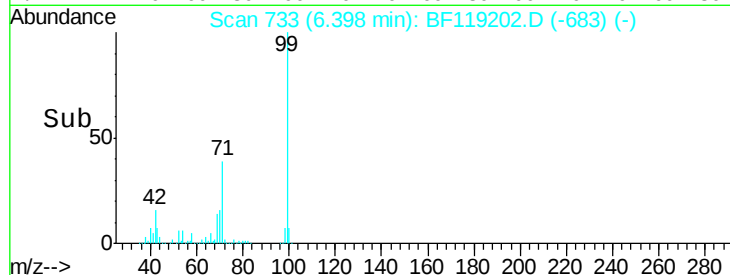
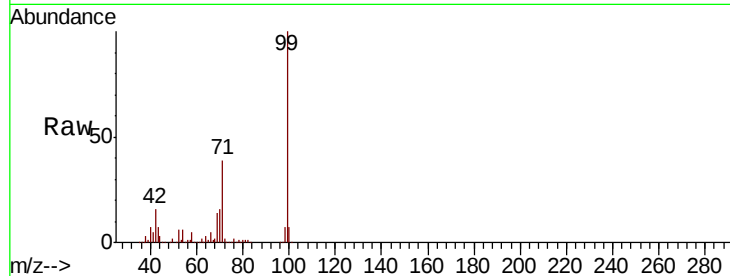
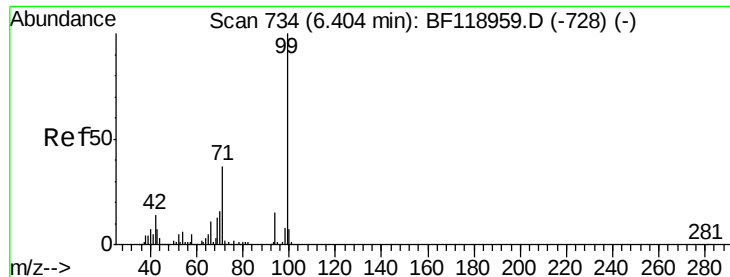
2-Fluorophenol
Concen: 101.290 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119202.D
Acq: 4 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.0	67.4
63	29.5	24.2	36.4



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: 100.838 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

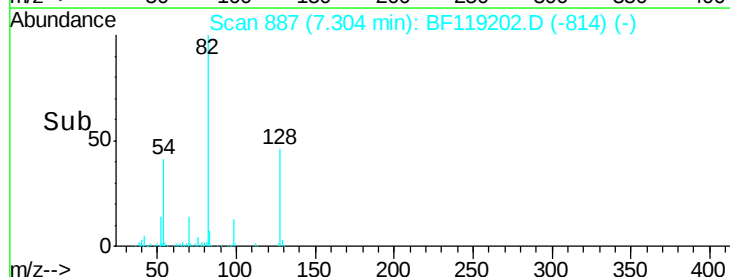
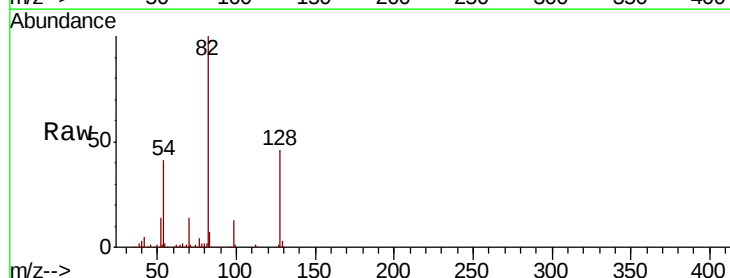
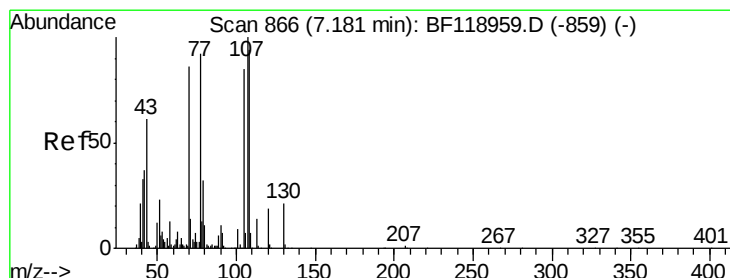
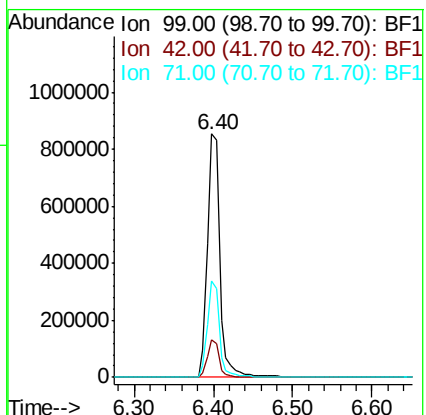
Tot Ion: 99 Resp: 949034

Ion Ratio Lower Upper

99 100

42 15.6 12.6 18.8

71 39.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.891 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Tgt Ion: 70 Resp: 87146

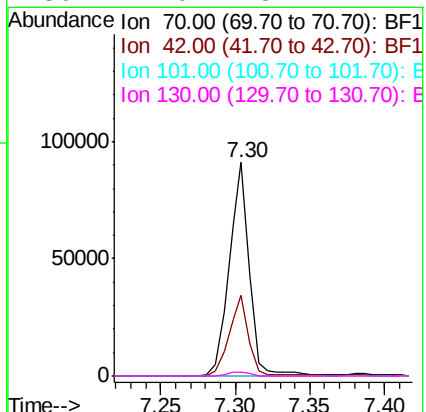
Ion Ratio Lower Upper

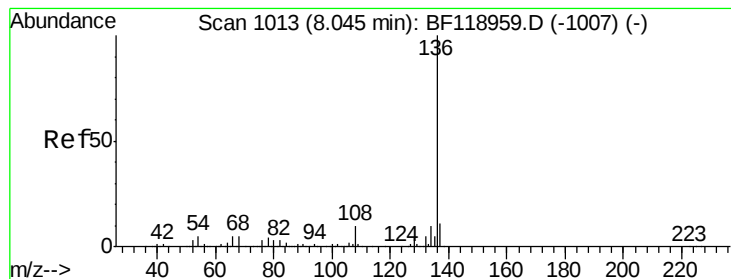
70 100

42 37.7 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 482562

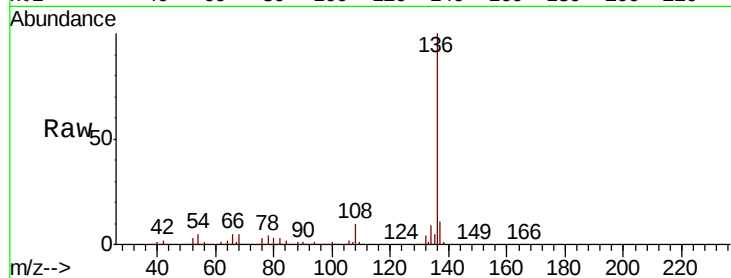
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.6 3.8 5.6

68 4.8 3.9 5.9

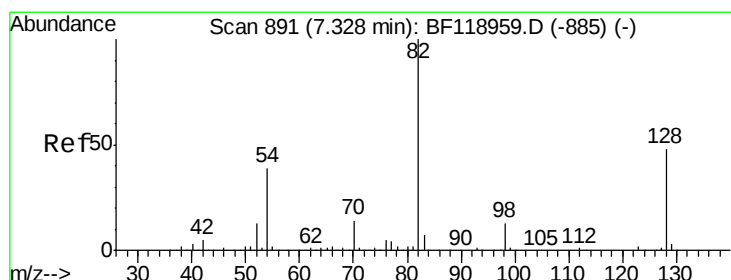
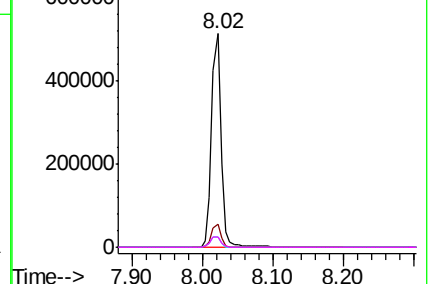
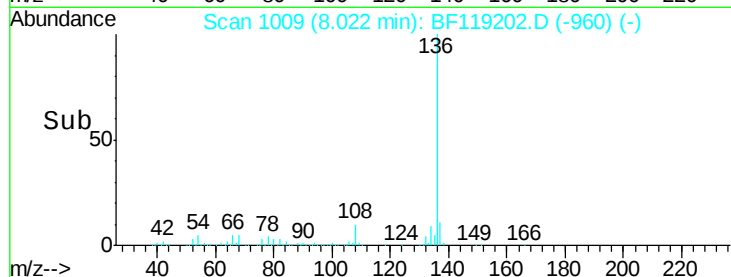


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 68.568 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

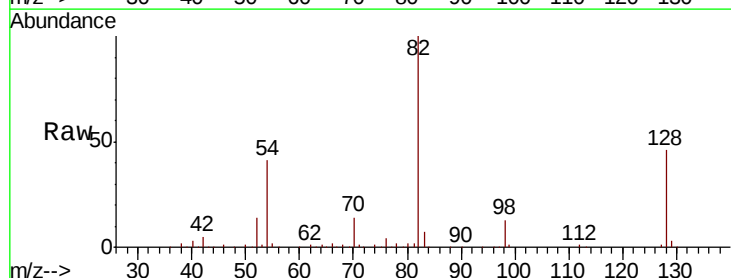
Tgt Ion: 82 Resp: 626669

Ion Ratio Lower Upper

82 100

128 46.1 37.9 56.9

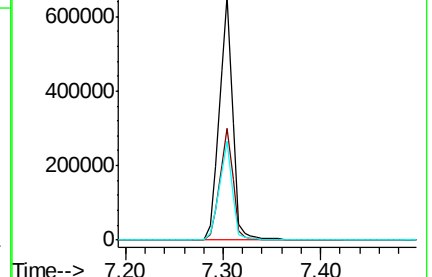
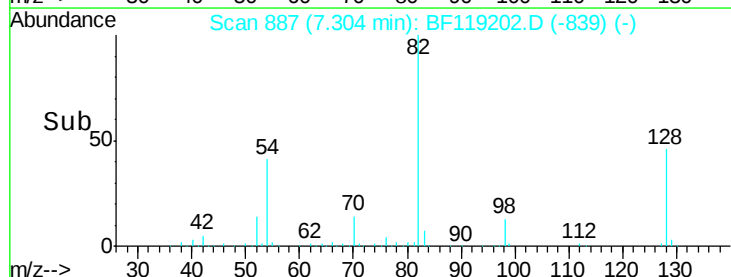
54 40.5 33.4 50.2

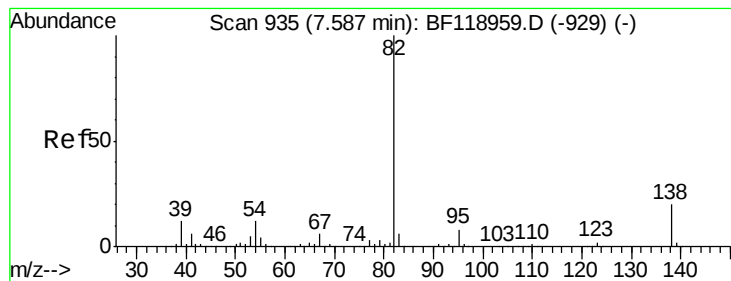


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.821 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampled :

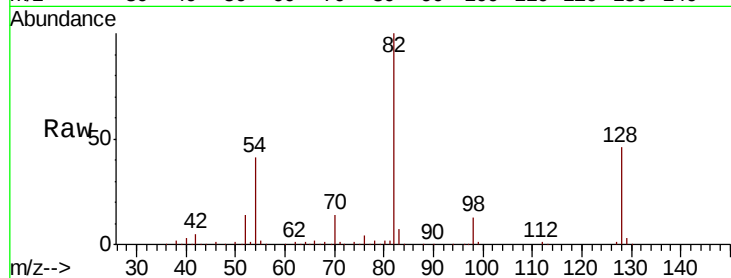
Tot Ion: 82 Resp: 616187

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

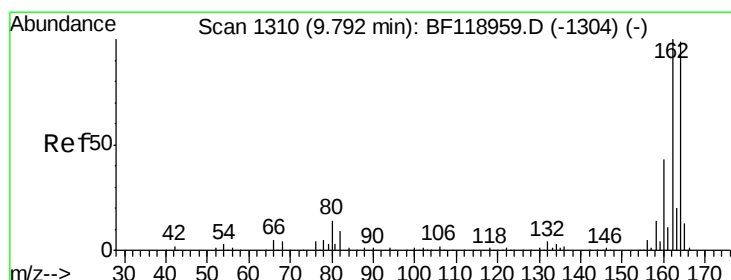
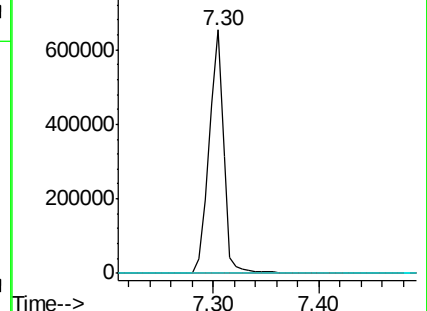
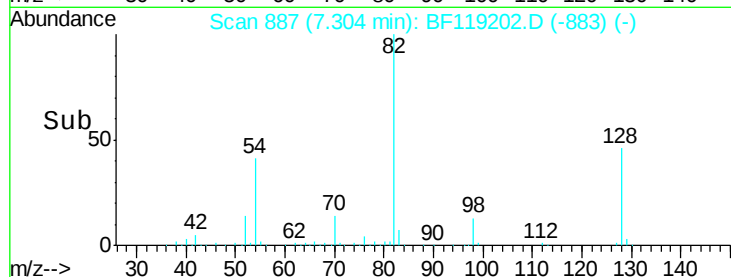
138 0.0 15.7 23.5#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

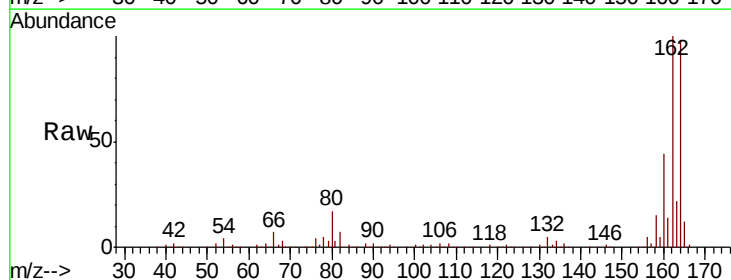
Tgt Ion: 164 Resp: 246316

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

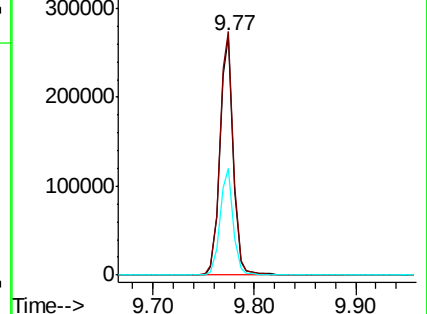
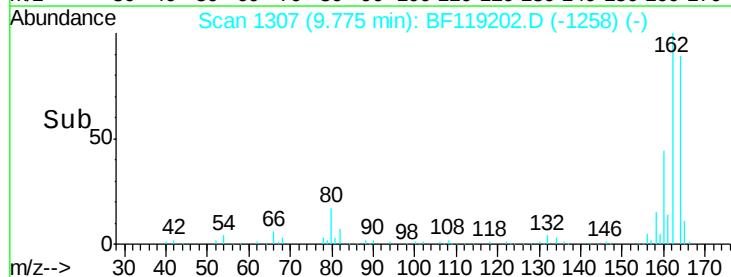
160 44.7 36.0 54.0

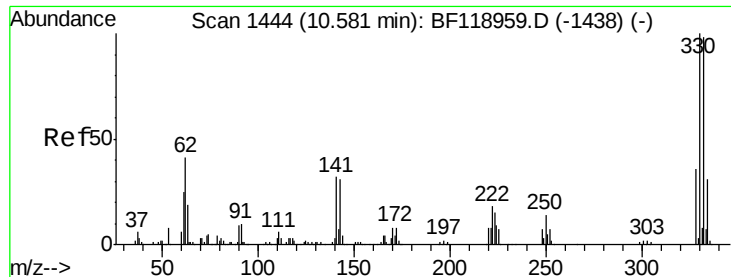


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

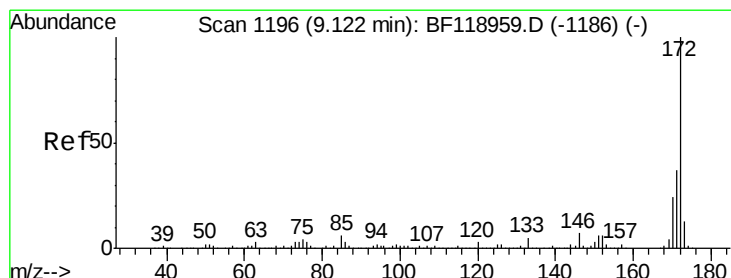
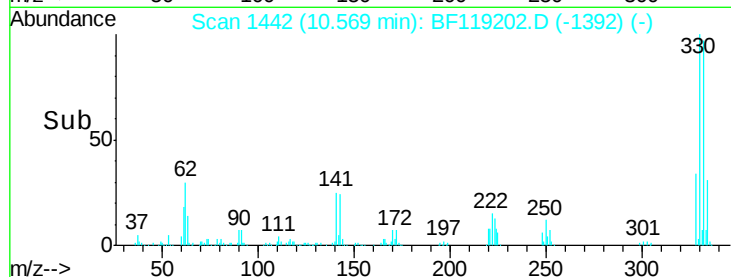
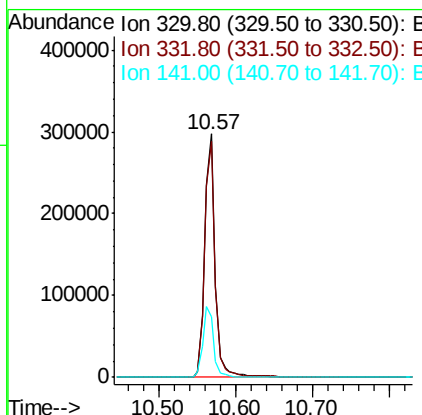
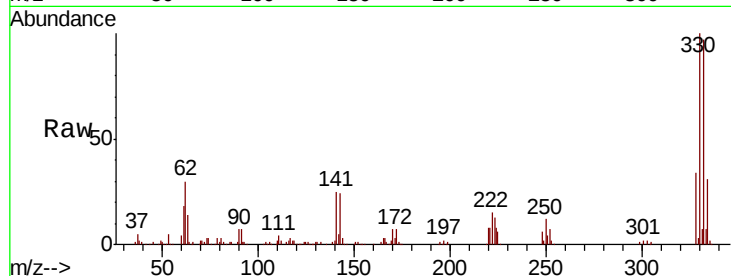




#42
 2,4,6-Tribromophenol
 Concen: 88.164 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119202.D
 Acq: 4 Mar 2020 18:53

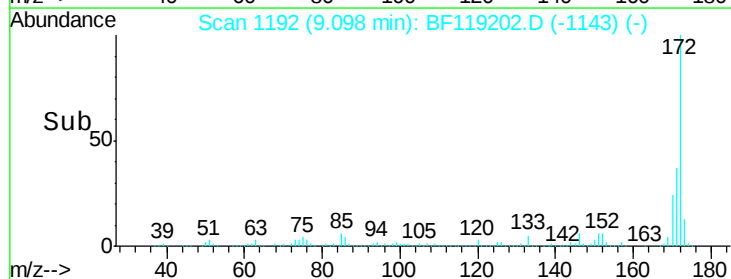
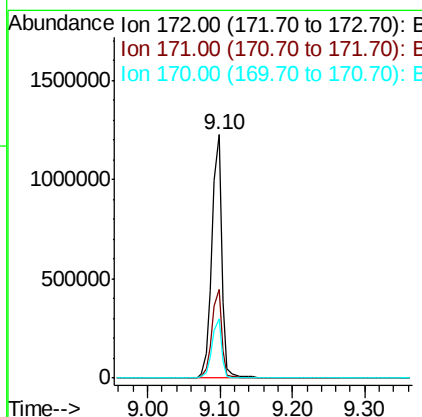
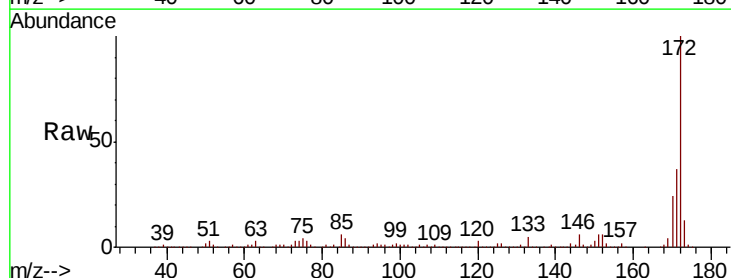
Instrument :
 BNA_F
 ClientSampleId :

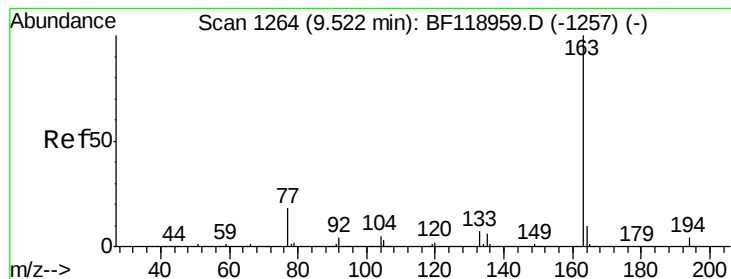
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	30.2	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 70.709 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119202.D
 Acq: 4 Mar 2020 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.1	20.2	30.2





#50

Dimethylphthalate

Concen: 13.451 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

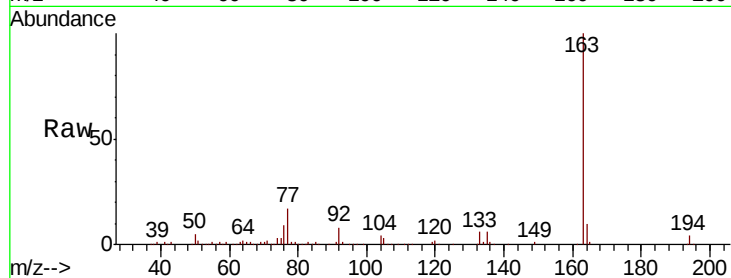
Tot Ion:163 Resp: 253350

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

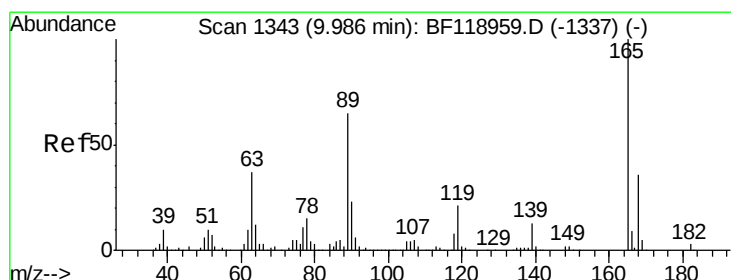
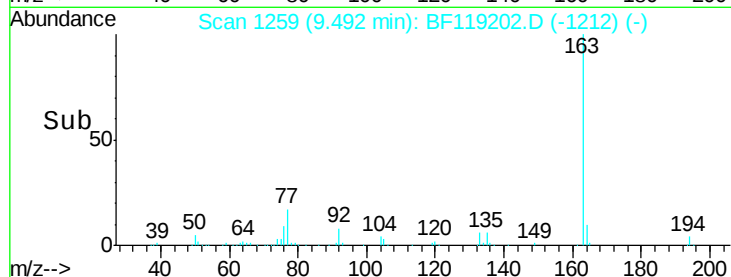
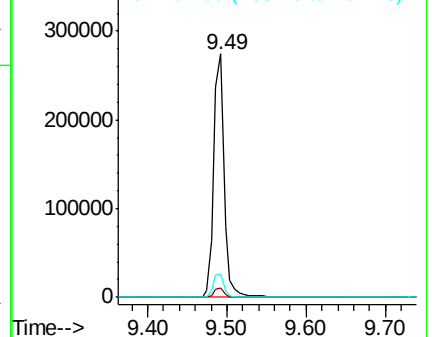
164 9.6 8.4 12.6



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: 5.824 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Tgt Ion:165 Resp: 31589

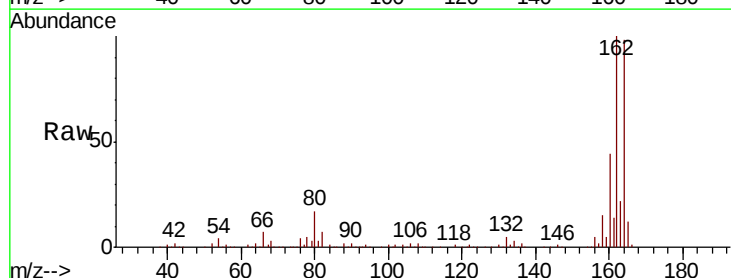
Ion Ratio Lower Upper

165 100

63 1.5 42.3 63.5#

89 1.6 60.2 90.4#

182 0.0 2.3 3.5#

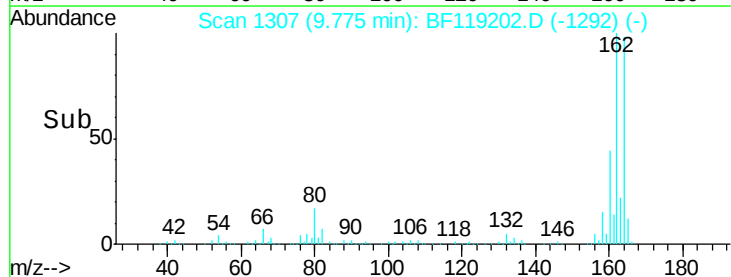
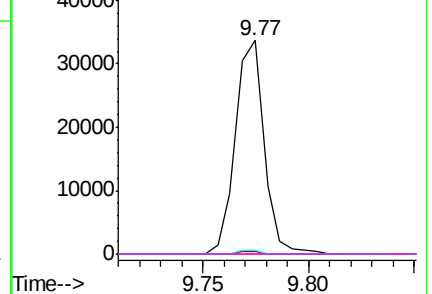


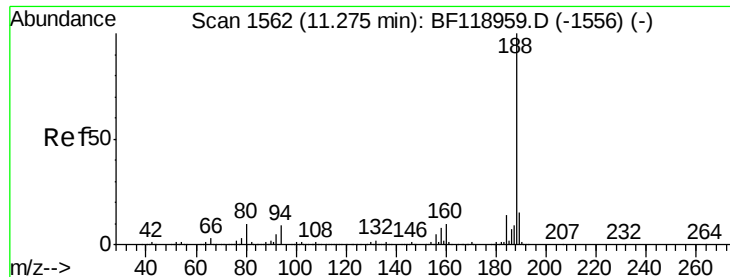
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

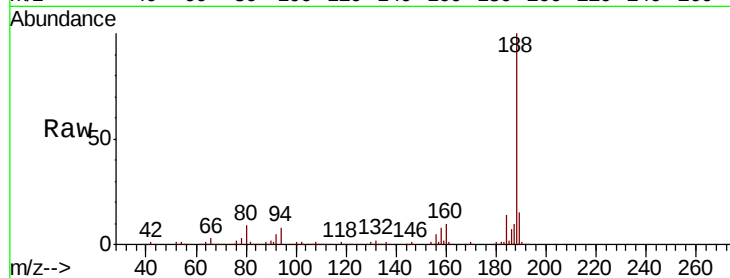
Tot Ion:188 Resp: 397856

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

80 8.9 7.8 11.8



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

600000

500000

400000

300000

200000

100000

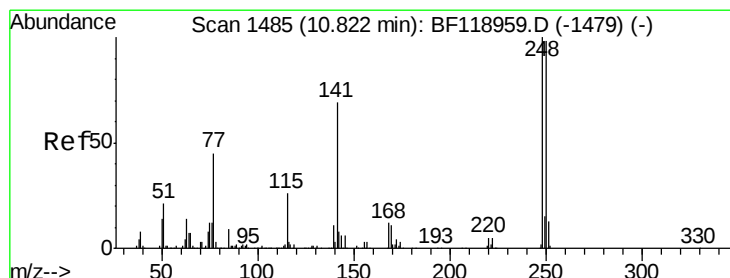
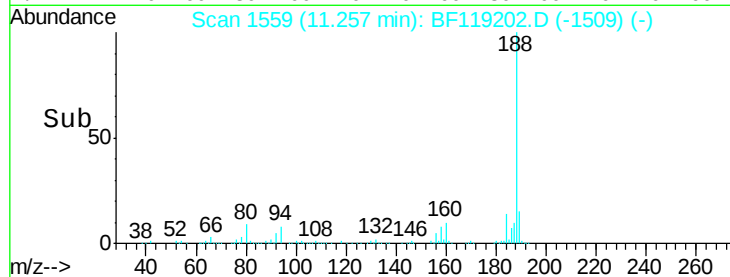
0

11.20

11.25

11.30

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.633 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

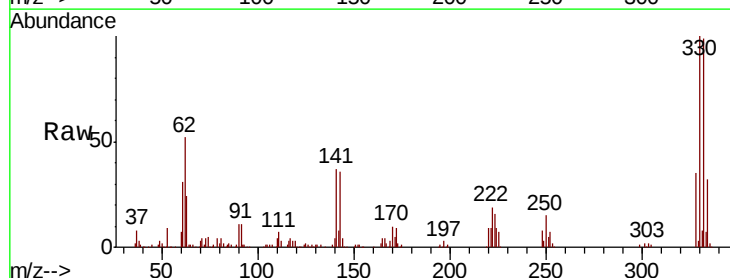
Tgt Ion:248 Resp: 18891

Ion Ratio Lower Upper

248 100

250 184.6 76.7 115.1#

141 459.3 60.7 91.1#



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

120000

100000

80000

60000

40000

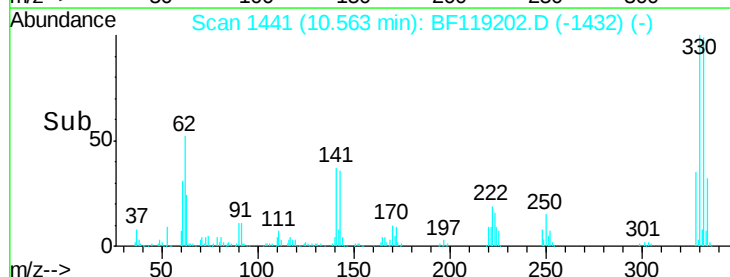
20000

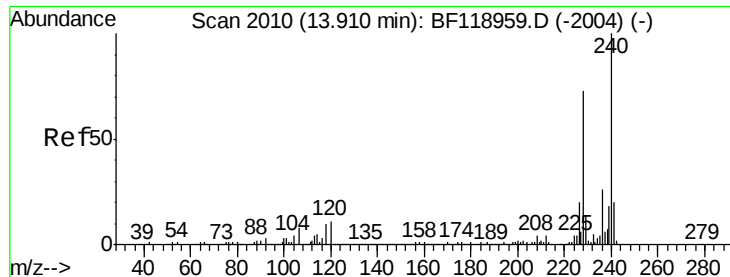
0

10.55

10.60

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

Instrument :

BNA_F

ClientSampleId :

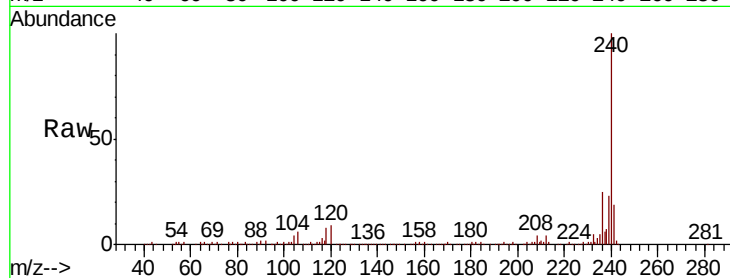
Tot Ion:240 Resp: 247990

Ion Ratio Lower Upper

240 100

120 8.7 8.4 12.6

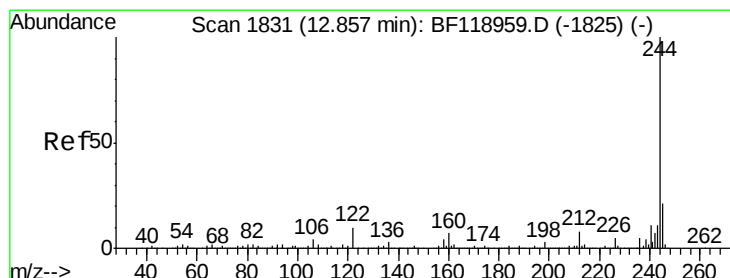
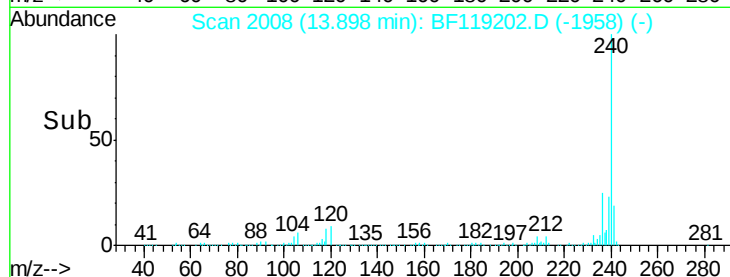
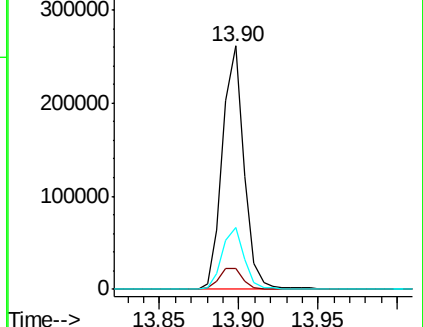
236 25.2 21.0 31.4



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: 74.948 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119202.D

Acq: 4 Mar 2020 18:53

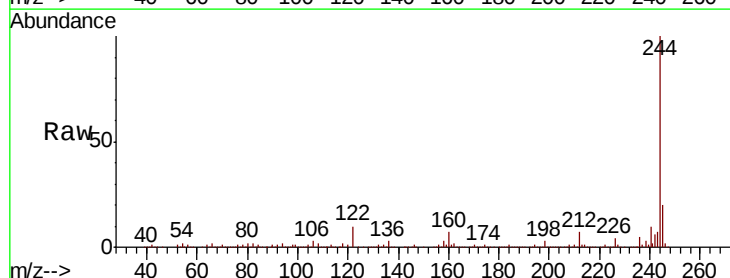
Tgt Ion:244 Resp: 1079558

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

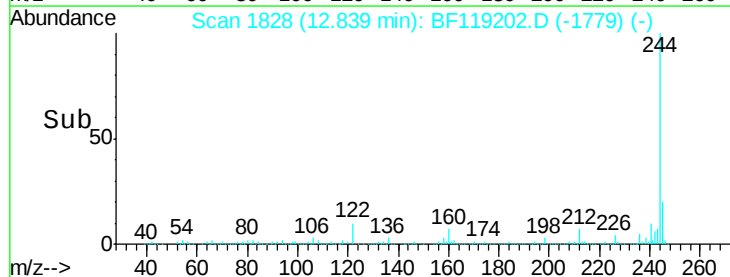
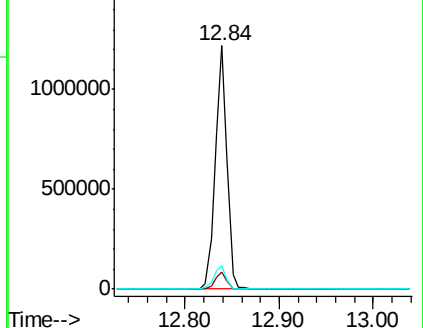
122 9.9 8.2 12.2

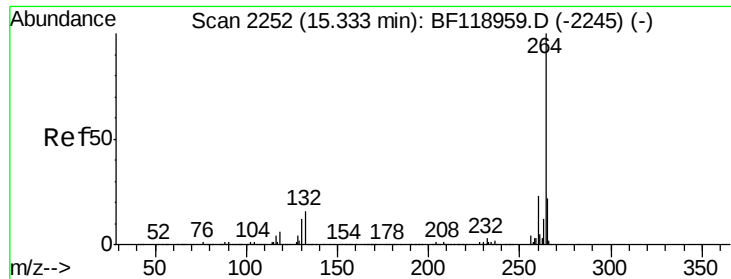


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119202.D
 Acq: 4 Mar 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.7	17.7	26.5

