

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119184.D
 Acq On : 2 Mar 2020 22:49
 Operator : CG/JU
 Sample : L1743-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2

Quant Time: Mar 13 17:07:34 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

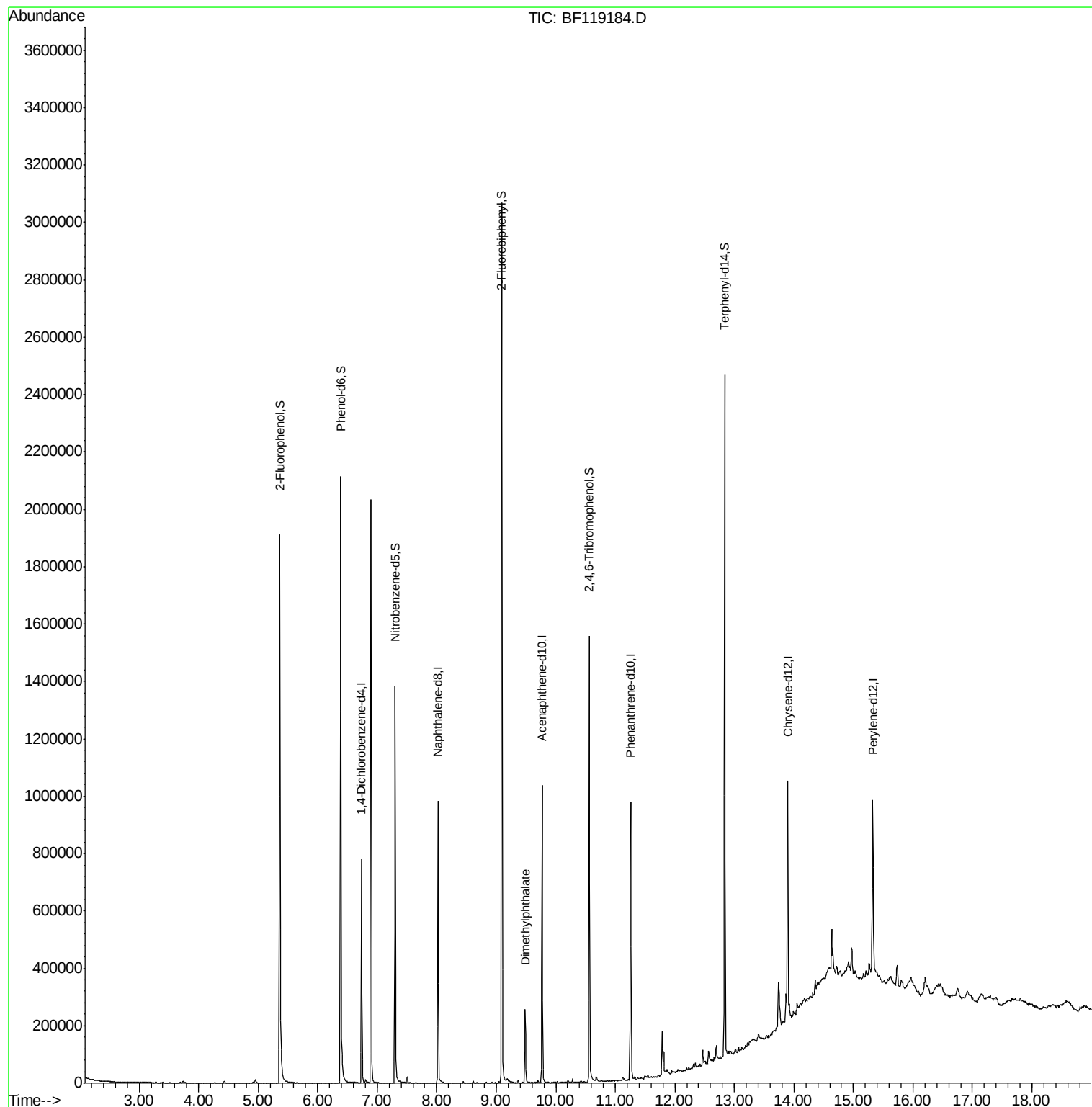
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	121241	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	461535	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	236299	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	359154	20.00	ng	0.00
76) Chrysene-d12	13.90	240	298088	20.00	ng	0.00
87) Perylene-d12	15.33	264	244360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	610057	84.09	ng	0.00
7) Phenol-d6	6.39	99	748883	84.88	ng	-0.02
23) Nitrobenzene-d5	7.30	82	491327	56.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	205382	66.44	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	982874	61.28	ng	-0.02
79) Terphenyl-d14	12.84	244	895878	51.74	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	103662	5.737	ng	Qvalue 100

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

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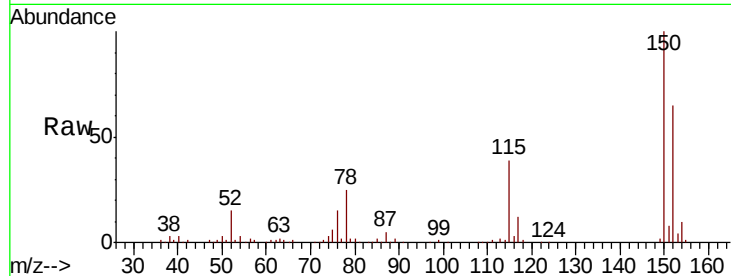


#1

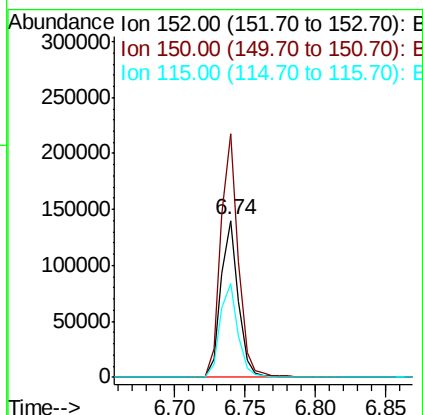
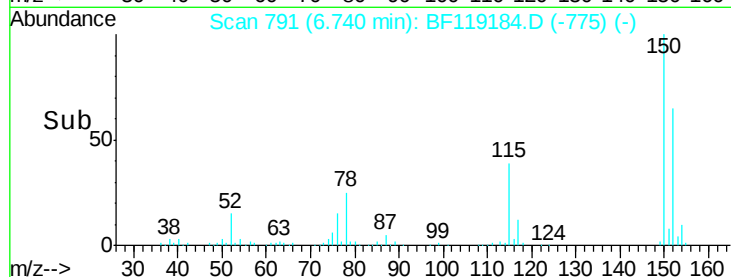
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF119184.D
 Acq: 2 Mar 2020 22:49

Instrument :
 BNA_F
 ClientSampled :
 C-2

Tot Ion:152 Resp: 121241
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.0 184.6
 115 59.7 49.5 74.3



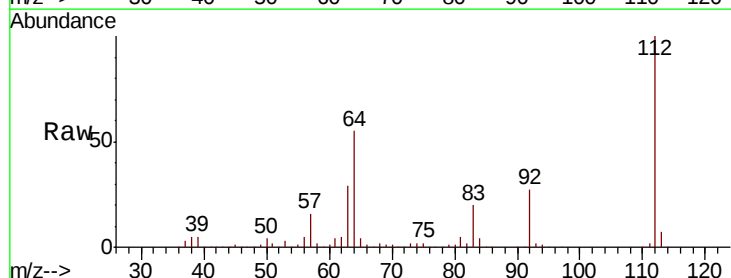
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



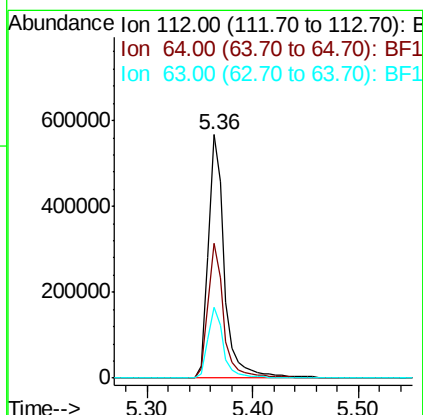
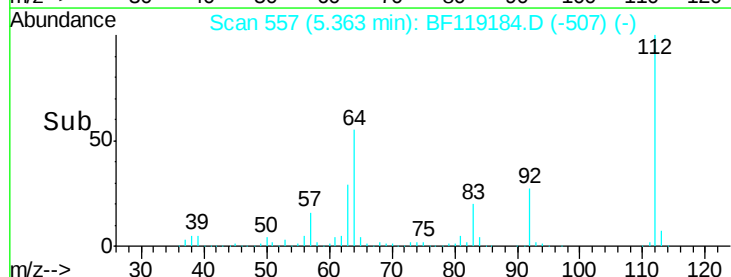
#5

2-Fluorophenol
 Concen: 84.090 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF119184.D
 Acq: 2 Mar 2020 22:49

Tgt Ion:112 Resp: 610057
 Ion Ratio Lower Upper
 112 100
 64 55.2 45.0 67.4
 63 29.3 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: 84.877 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampled :

C-2

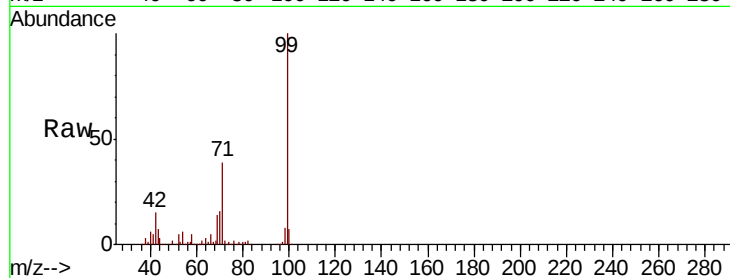
Tot Ion: 99 Resp: 748883

Ion Ratio Lower Upper

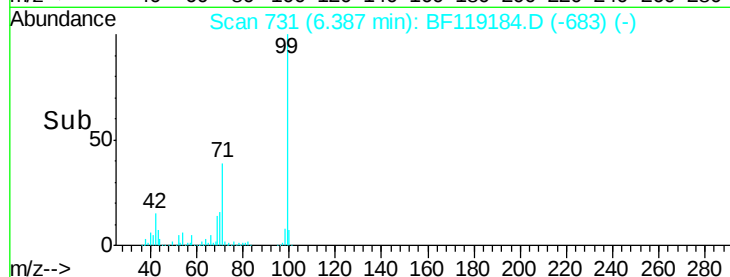
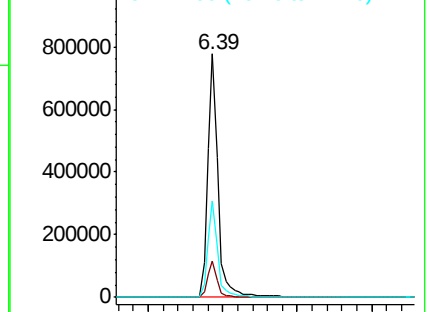
99 100

42 15.1 12.6 18.8

71 39.4 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: BF119184.D

Acq: 2 Mar 2020 22:49

Tgt Ion: 136 Resp: 461535

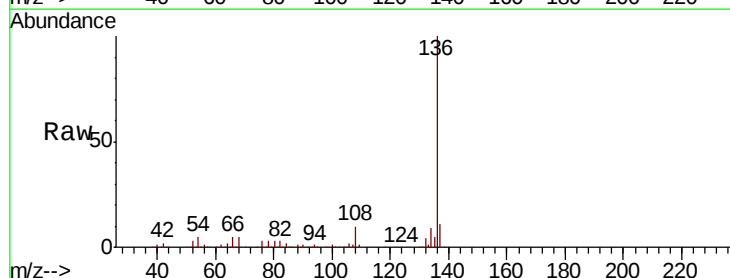
Ion Ratio Lower Upper

136 100

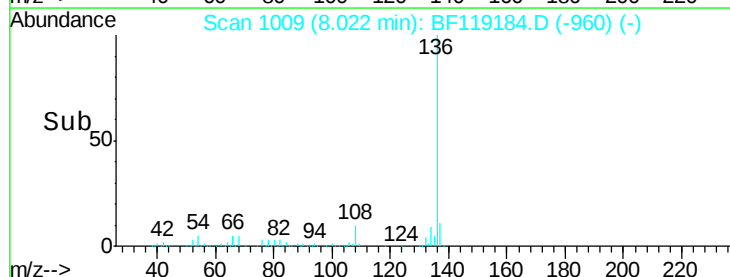
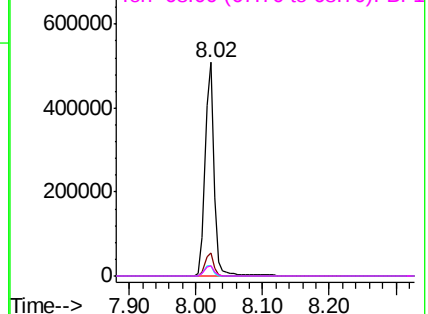
137 11.0 8.8 13.2

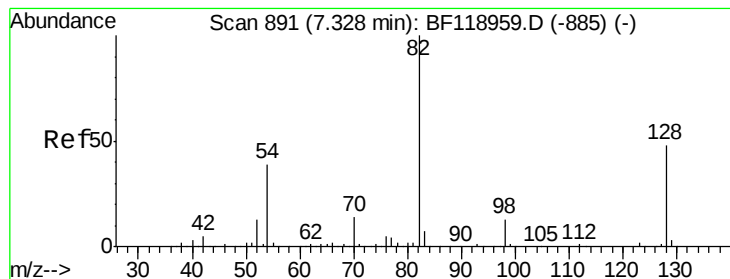
54 4.7 3.8 5.6

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: 56.208 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

C-2

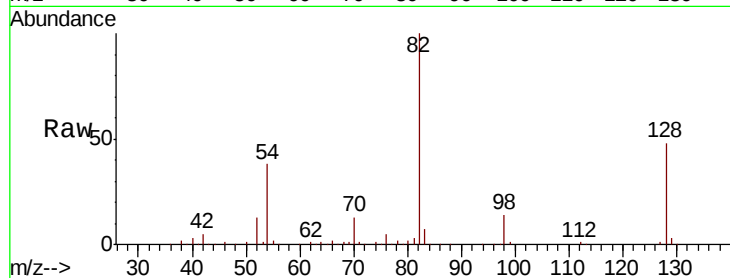
Tot Ion: 82 Resp: 491327

Ion Ratio Lower Upper

82 100

128 47.7 37.9 56.9

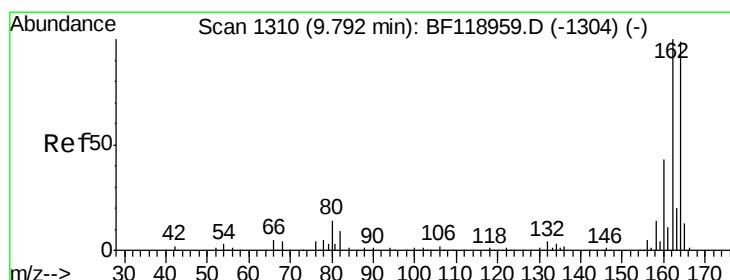
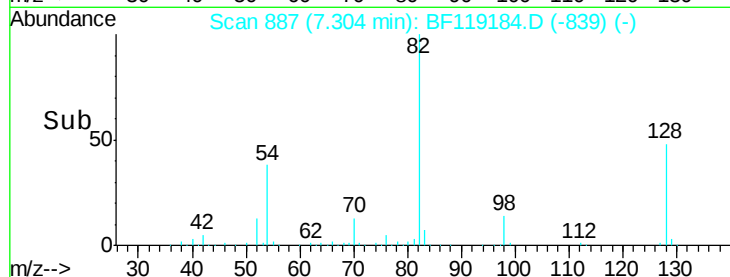
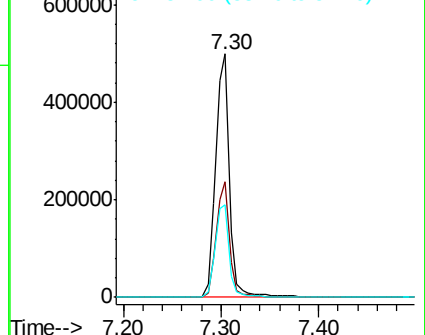
54 38.0 33.4 50.2



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

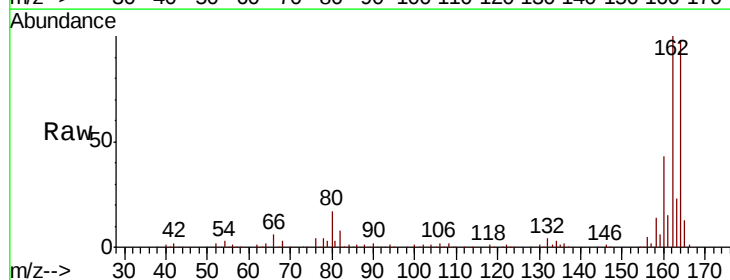
Tgt Ion:164 Resp: 236299

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

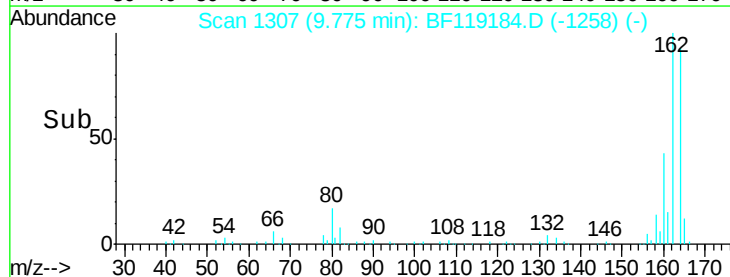
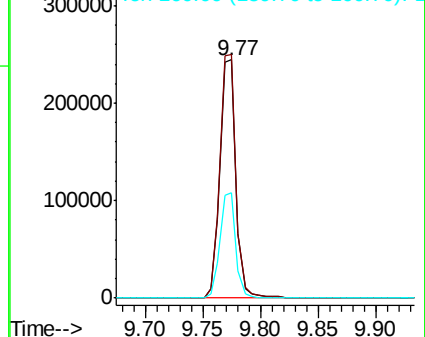
160 44.1 36.0 54.0



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: 66.441 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

C-2

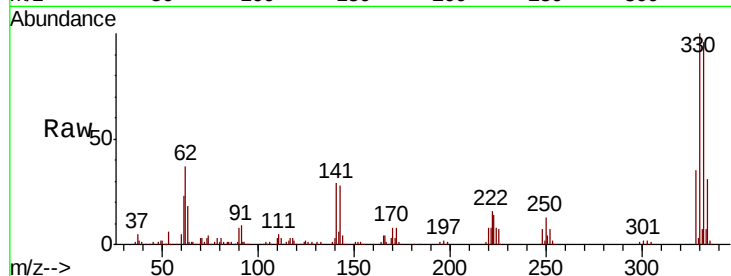
Tot Ion:330 Resp: 205382

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

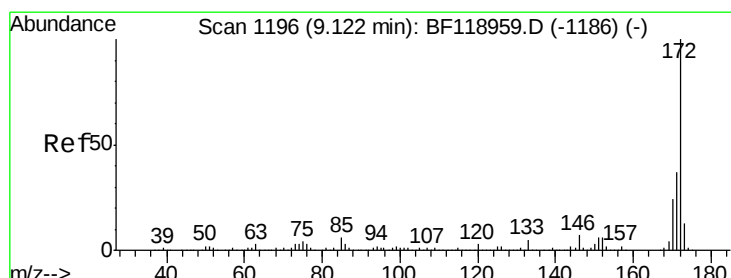
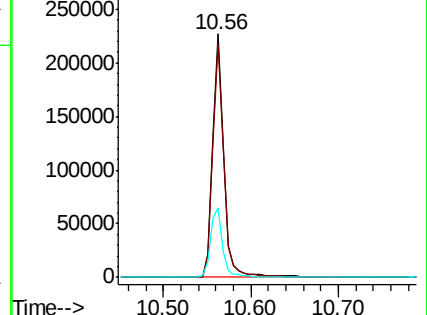
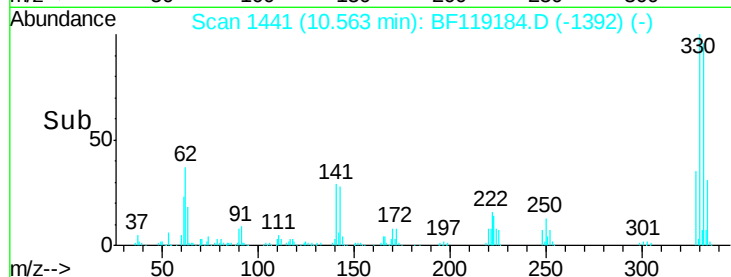
141 30.7 22.9 34.3



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: 61.276 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

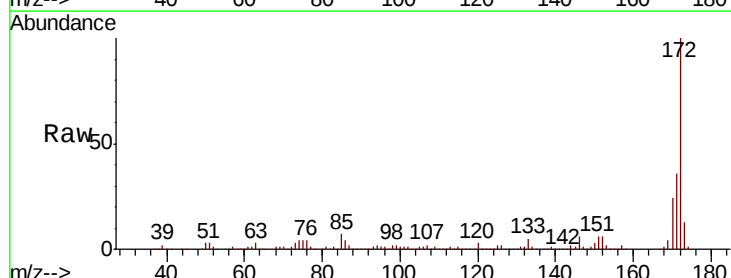
Tgt Ion:172 Resp: 982874

Ion Ratio Lower Upper

172 100

171 36.0 30.6 45.8

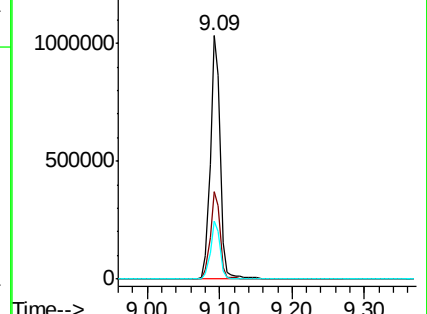
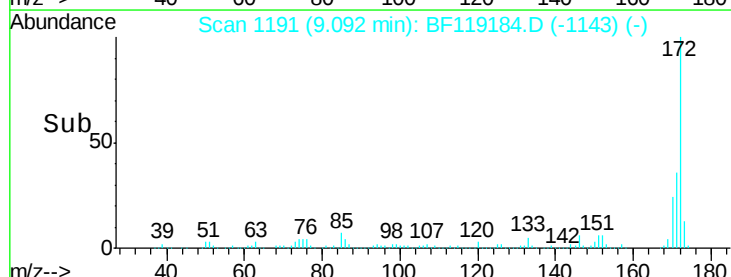
170 24.0 20.2 30.2

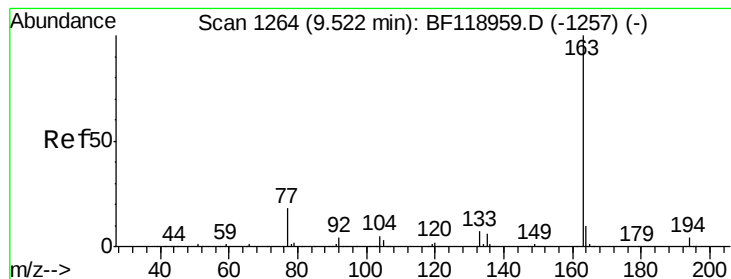


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.737 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

Instrument :

BNA_F

ClientSampleId :

C-2

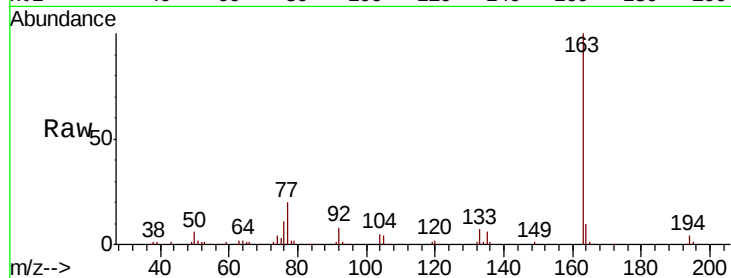
Tot Ion:163 Resp: 103662

Ion Ratio Lower Upper

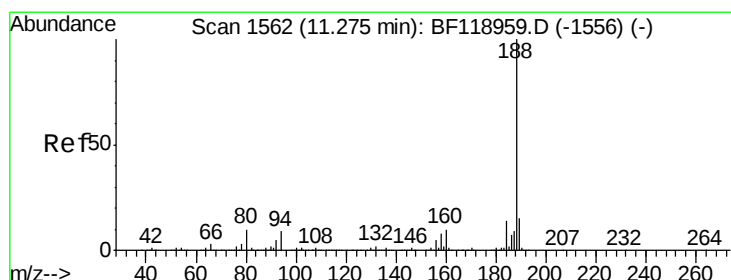
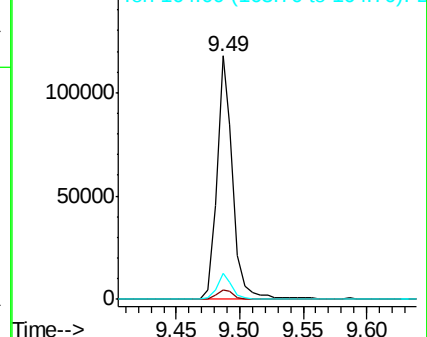
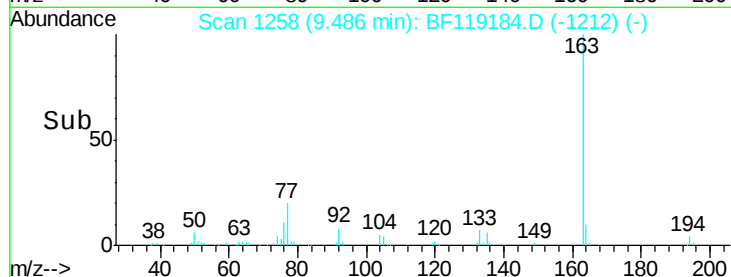
163 100

194 4.0 3.5 5.3

164 10.4 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119184.D

Acq: 2 Mar 2020 22:49

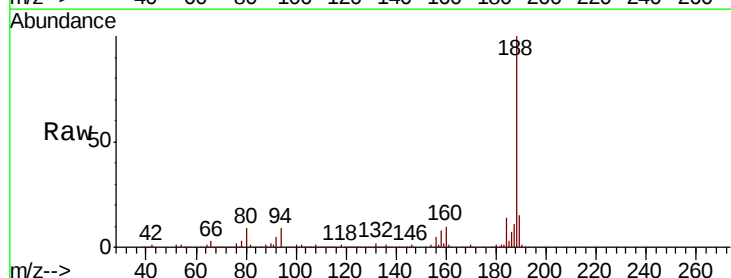
Tgt Ion:188 Resp: 359154

Ion Ratio Lower Upper

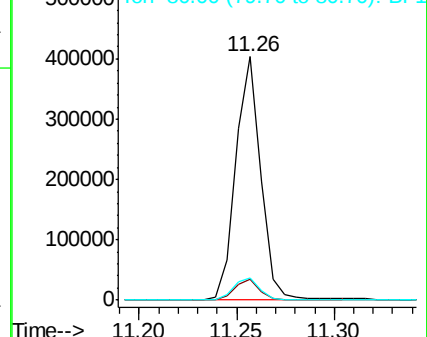
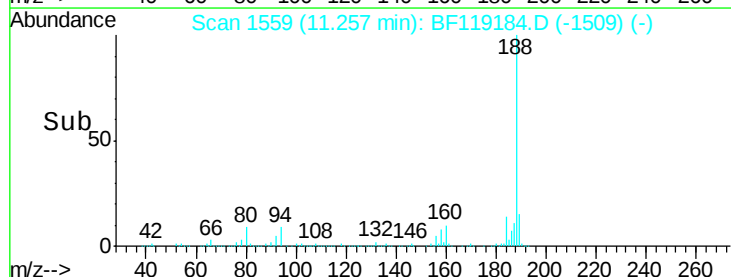
188 100

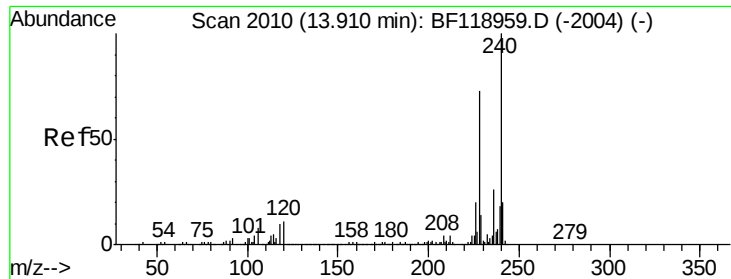
94 8.5 7.1 10.7

80 9.1 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

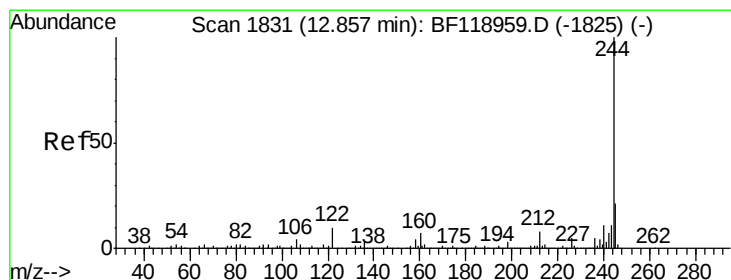
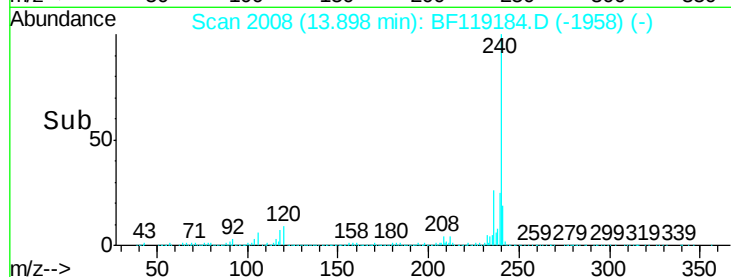
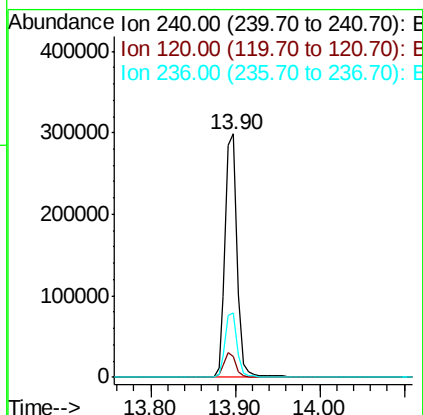
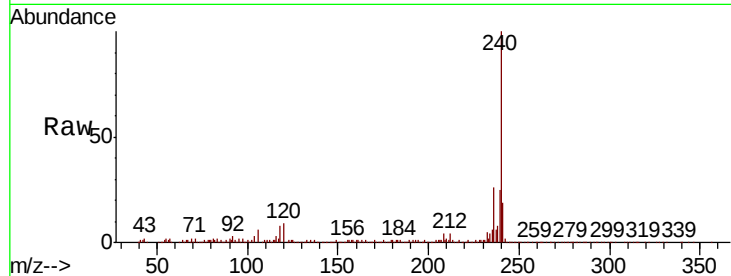




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

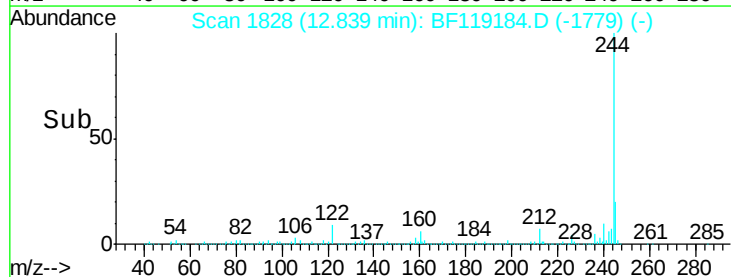
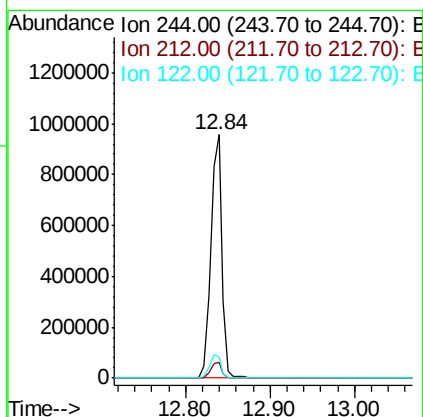
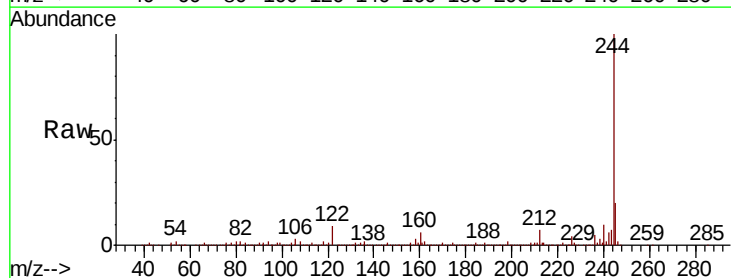
Instrument :
BNA_F
ClientSampleId :
C-2

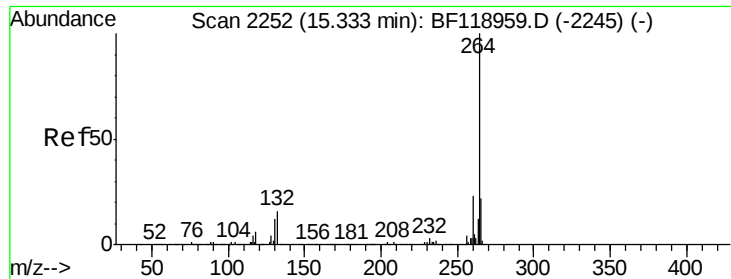
Tot Ion:240 Resp: 298088
Ion Ratio Lower Upper
240 100
120 8.8 8.4 12.6
236 26.5 21.0 31.4



#79
Terphenyl-d14
Concen: 51.743 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Tgt Ion:244 Resp: 895878
Ion Ratio Lower Upper
244 100
212 6.7 6.6 10.0
122 8.7 8.2 12.2



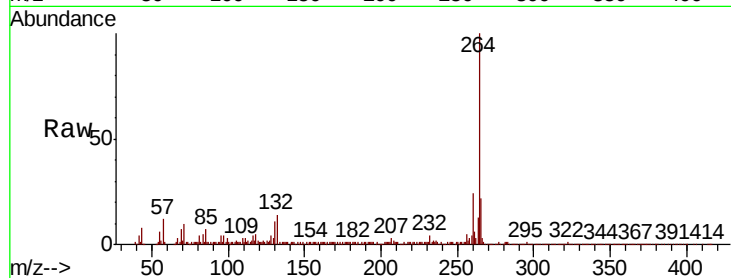


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119184.D
Acq: 2 Mar 2020 22:49

Instrument :
BNA_F
ClientSampleId :
C-2

Tot Ion:264 Resp: 244360

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	17.7	26.5



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

