

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119023.D
 Acq On : 24 Feb 2020 15:09
 Operator : CG/JU
 Sample : PB126979BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126979BL

Quant Time: Feb 25 00:49:02 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	149598	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	584998	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	340828	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	656735	20.00	ng	0.00
76) Chrysene-d12	13.90	240	438093	20.00	ng	0.00
87) Perylene-d12	15.33	264	362336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	887365	99.13	ng	0.00
7) Phenol-d6	6.40	99	1060781	97.44	ng	0.00
23) Nitrobenzene-d5	7.32	82	713124	64.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	395543	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1472567	63.65	ng	-0.01
79) Terphenyl-d14	12.86	244	1897177	74.56	ng	0.00

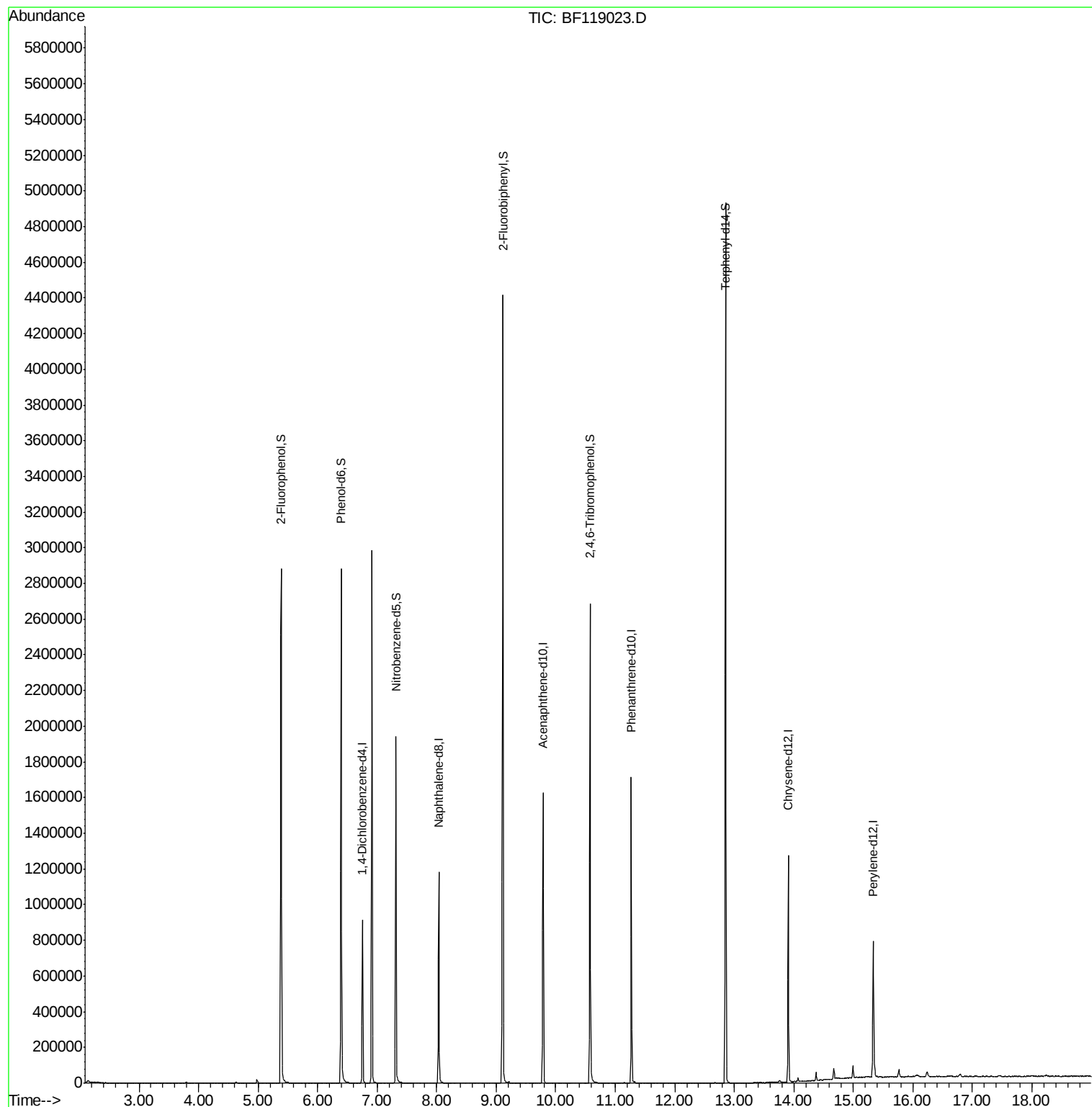
Target Compounds Qvalue

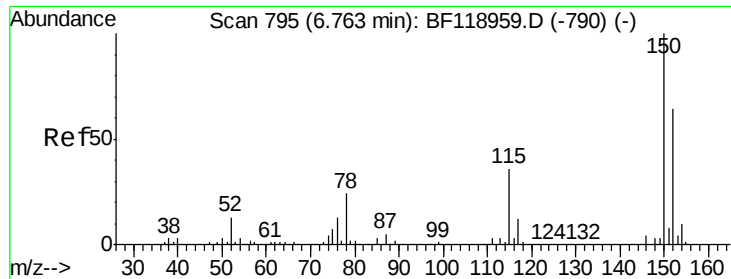
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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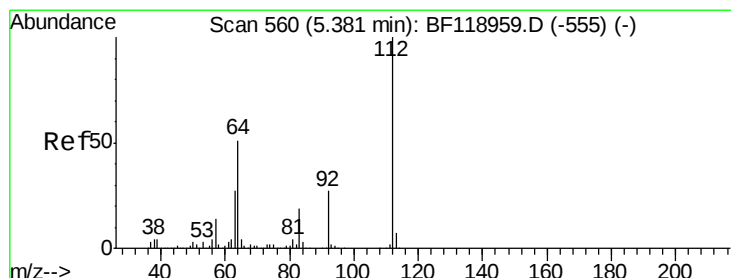
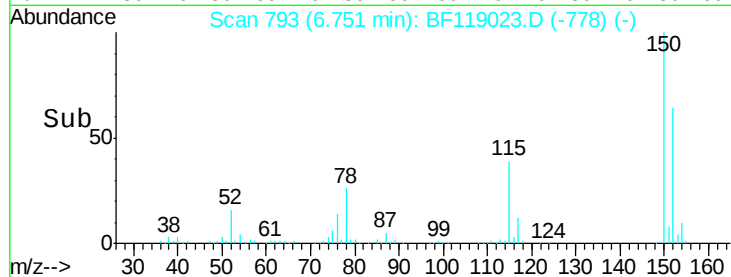
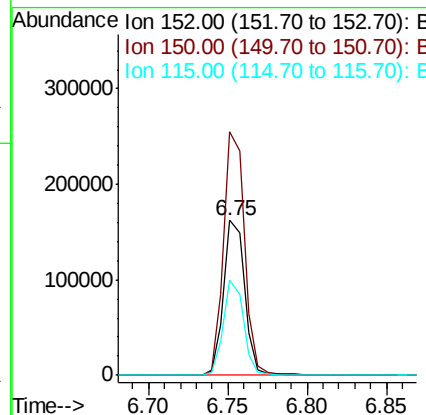
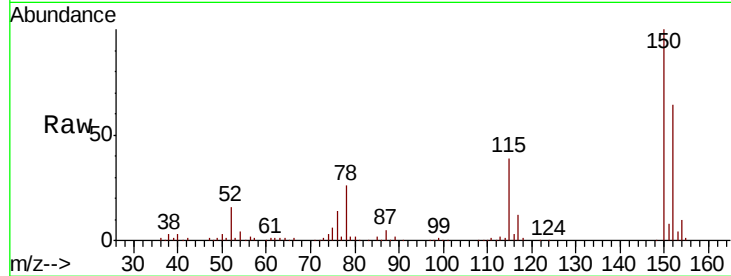


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Instrument :
BNA_F
ClientSampleId :
PB126979BL

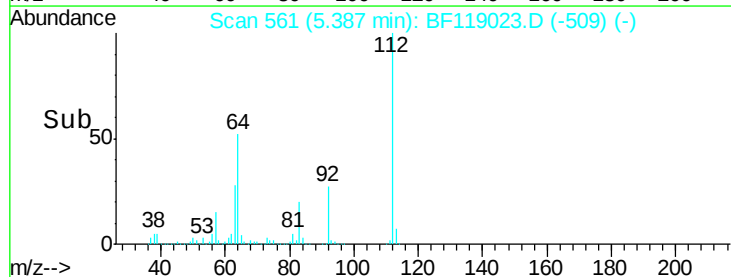
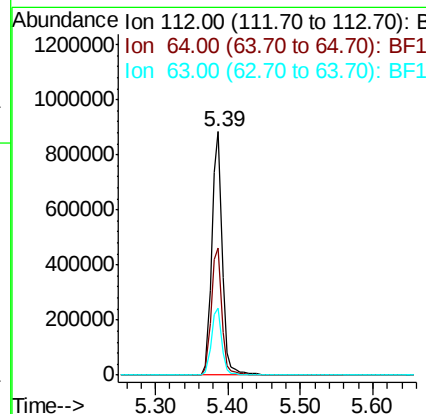
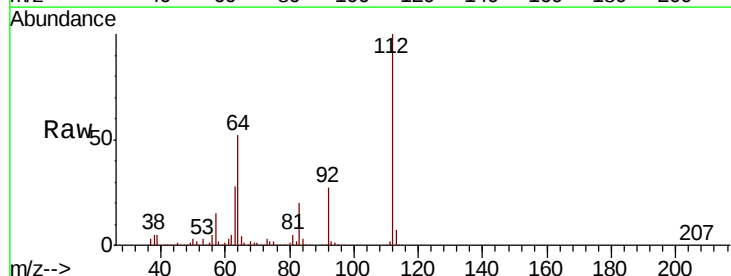
Tot Ion:152 Resp: 149598
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 61.8 44.6 67.0

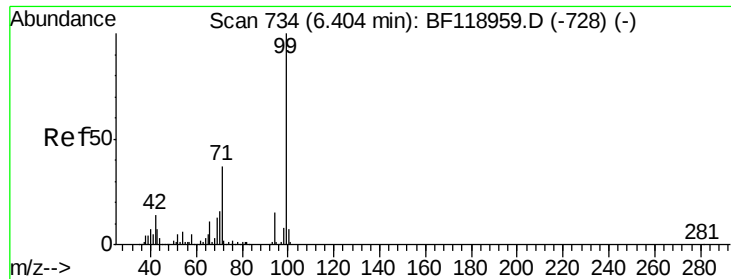


#5

2-Fluorophenol
Concen: 99.129 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Tgt Ion:112 Resp: 887365
Ion Ratio Lower Upper
112 100
64 52.4 40.4 60.6
63 27.7 21.3 31.9





#7

Phenol-d6

Concen: 97.437 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126979BL

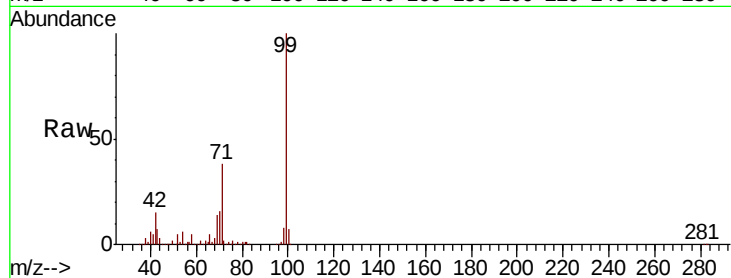
Tot Ion: 99 Resp: 1060781

Ion Ratio Lower Upper

99 100

42 14.6 11.4 17.0

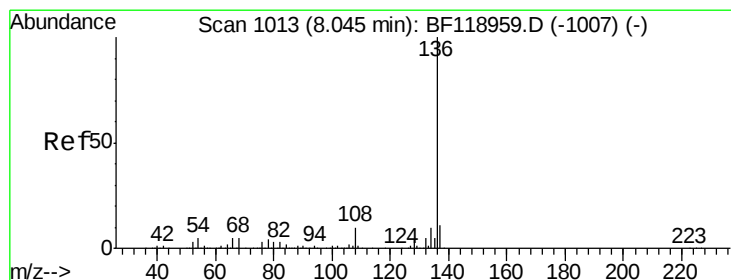
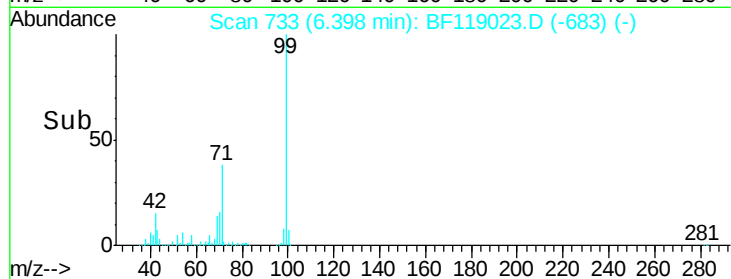
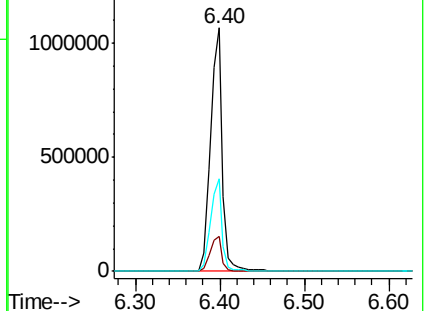
71 38.2 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Tgt Ion: 136 Resp: 584998

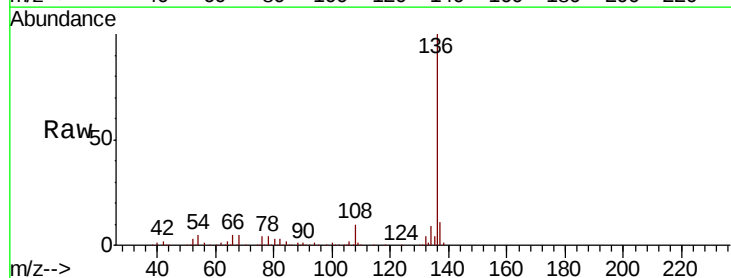
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.1 3.8 5.6

68 5.4 4.2 6.2

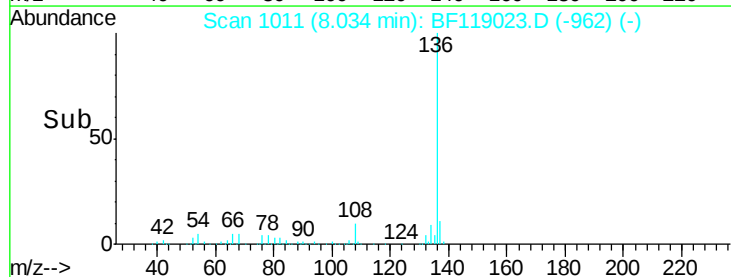
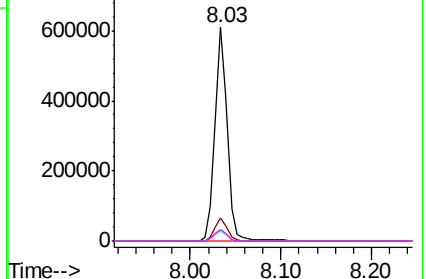


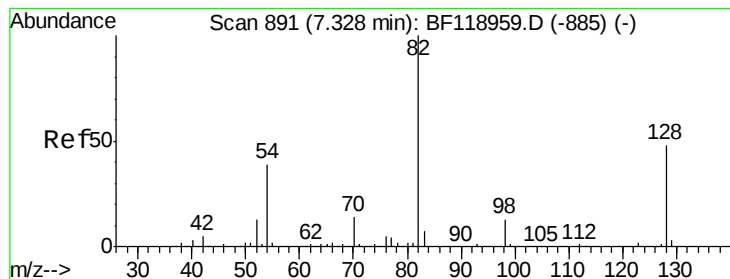
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.364 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126979BL

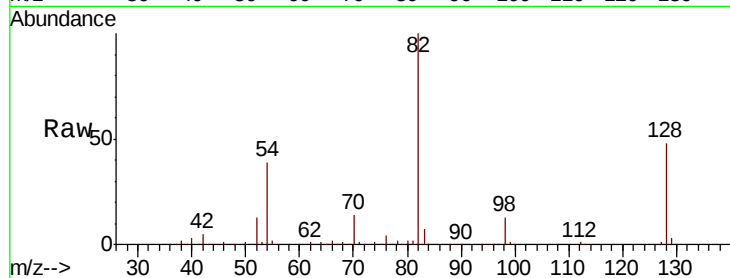
Tot Ion: 82 Resp: 713124

Ion Ratio Lower Upper

82 100

128 47.9 38.2 57.2

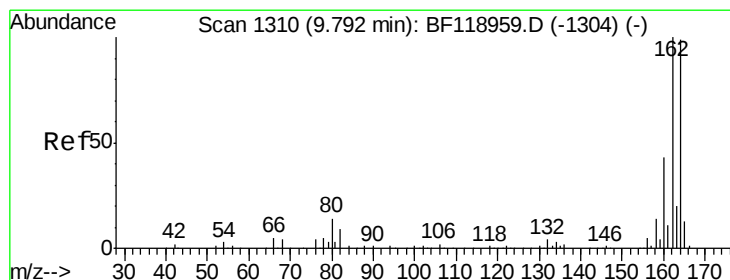
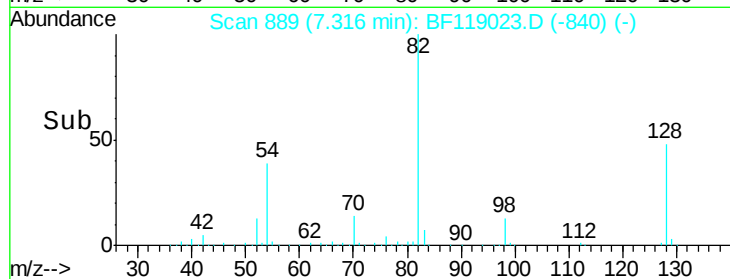
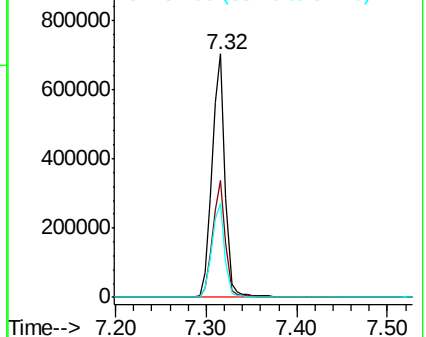
54 38.7 31.3 46.9



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

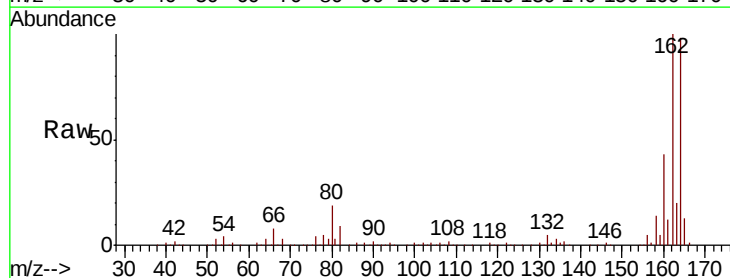
Tgt Ion:164 Resp: 340828

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

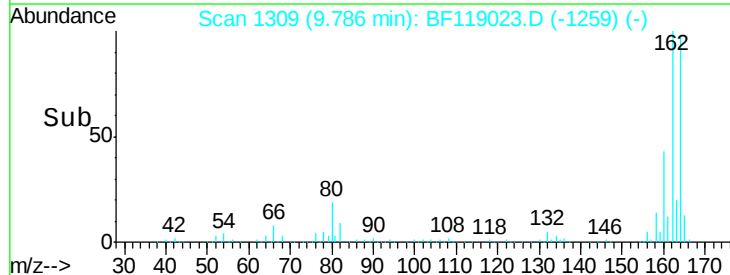
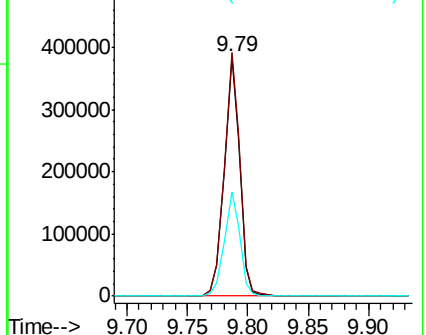
160 43.7 35.2 52.8

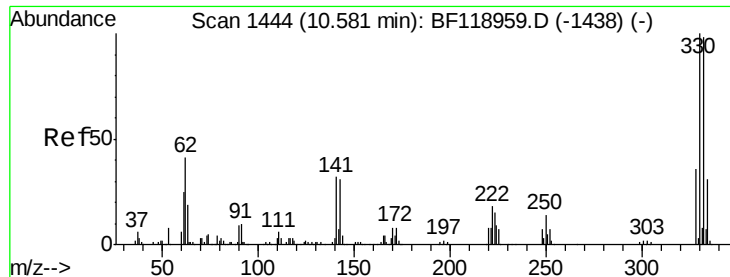


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

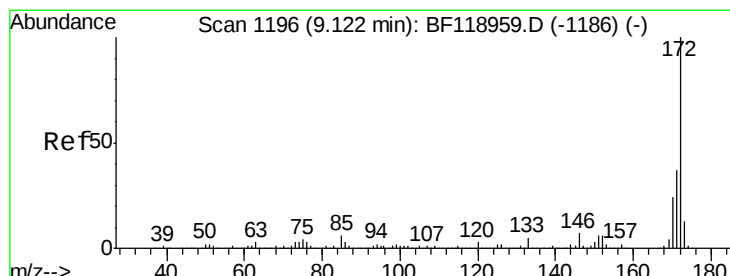
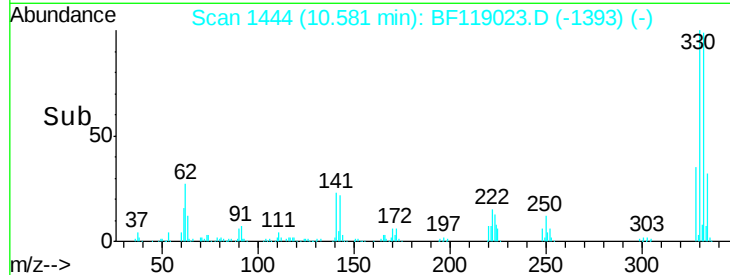
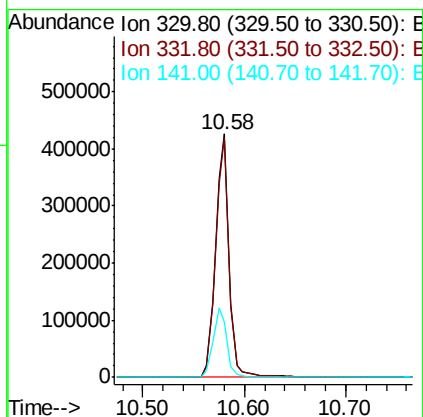
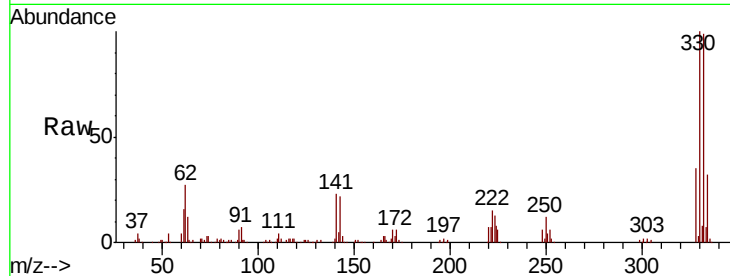




#42
 2,4,6-Tribromophenol
 Concen: 88.715 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

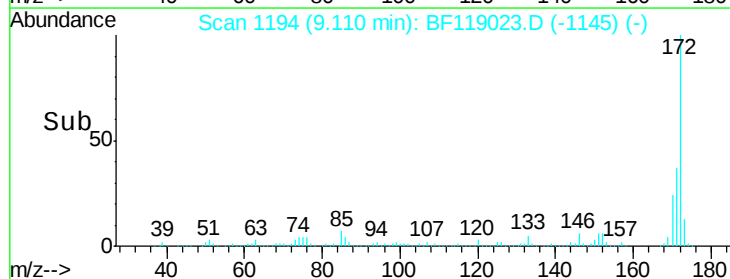
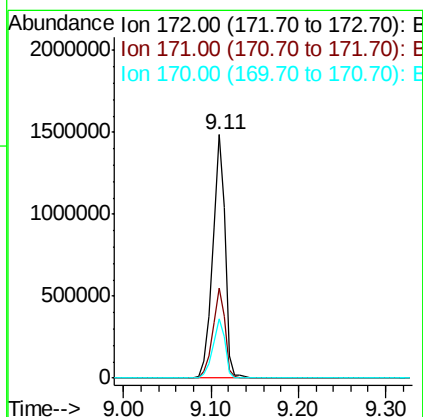
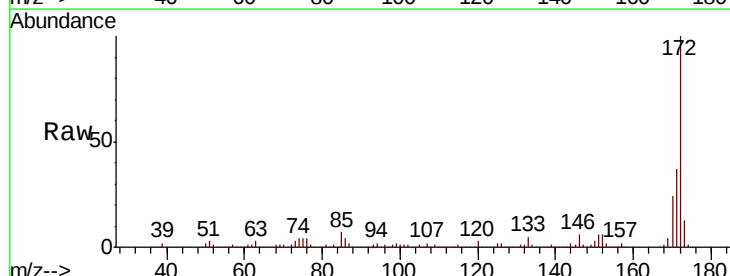
Instrument :
 BNA_F
 ClientSampled :
 PB126979BL

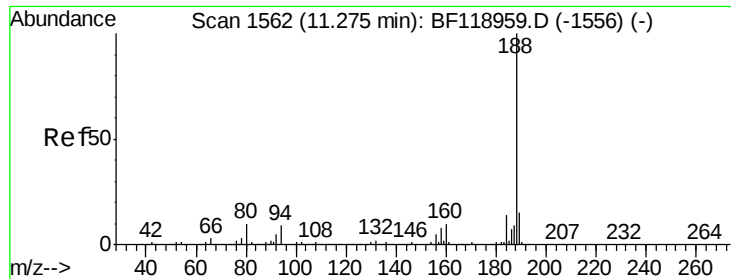
Tot Ion:330 Resp: 395543
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.1 115.7
 141 29.3 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 63.649 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Tgt Ion:172 Resp: 1472567
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 24.2 19.6 29.4

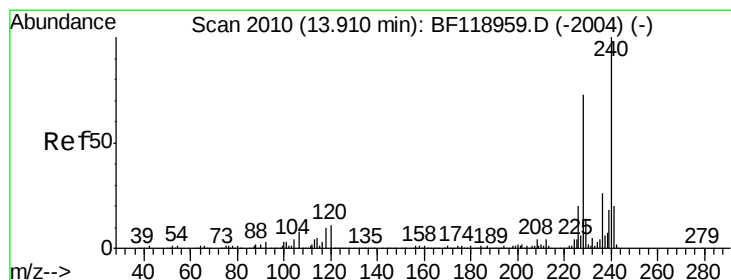
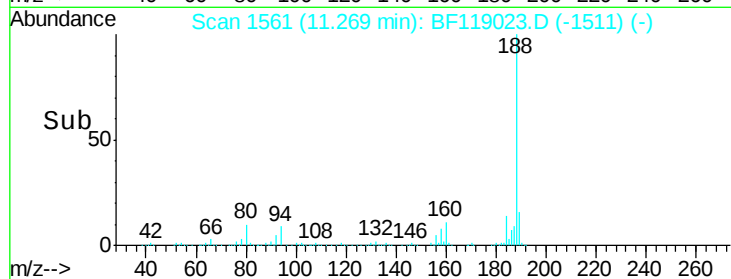
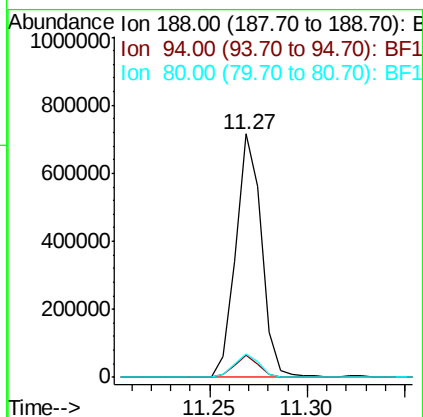
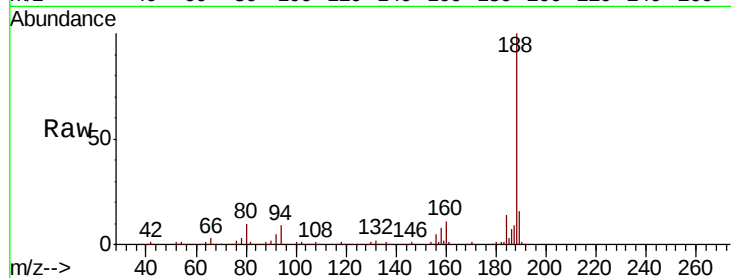




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

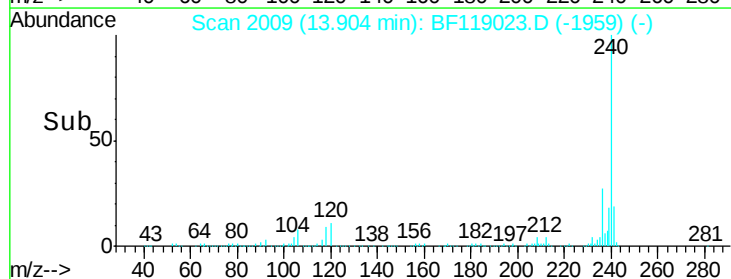
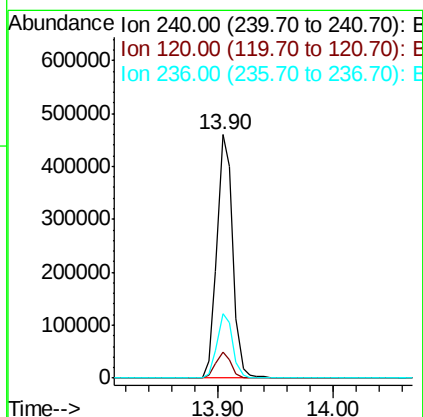
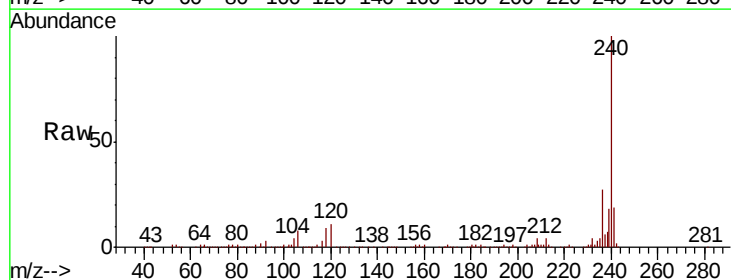
Instrument :
BNA_F
ClientSampleId :
PB126979BL

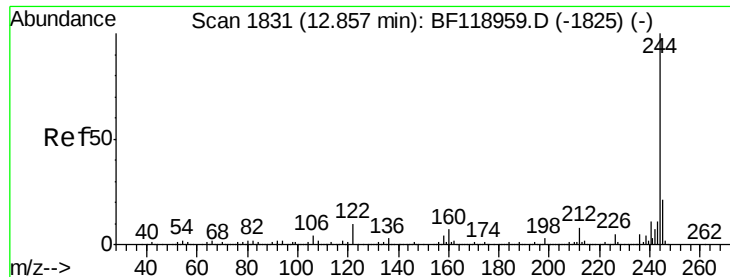
Tot Ion:188 Resp: 656735
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Tgt Ion:240 Resp: 438093
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.5 20.6 30.8





#79

Terphenyl-d14

Concen: 74.558 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

PB126979BL

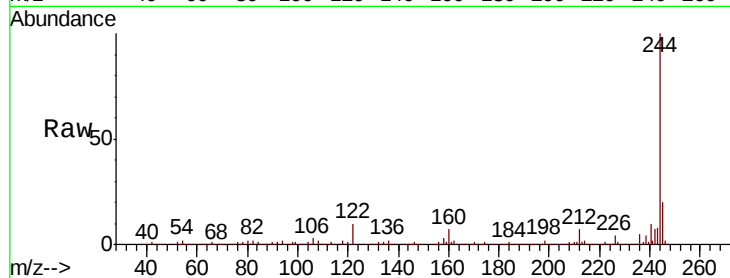
Tot Ion:244 Resp: 1897177

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

12.86

2000000

1500000

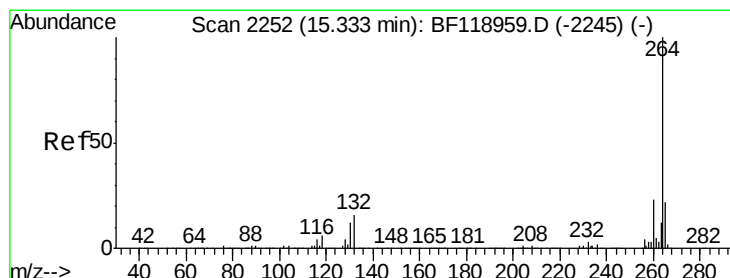
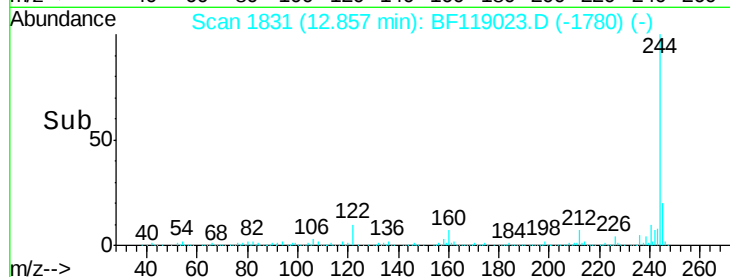
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Time-->

12.80 12.90 13.00



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

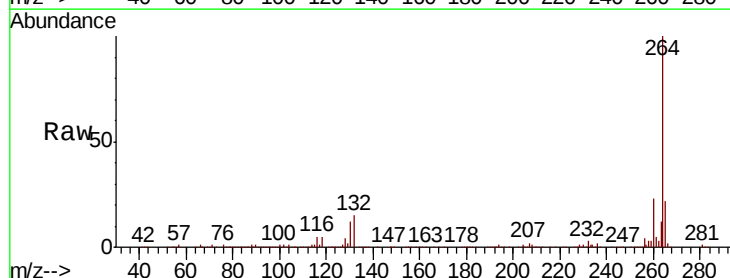
Tgt Ion:264 Resp: 362336

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.3 25.9



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

15.33

400000

300000

200000

100000

0

Time-->

15.20 15.30 15.40 15.50

