

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119334.D
 Acq On : 11 Mar 2020 5:02
 Operator : CG/JU
 Sample : PB127427TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127427TB

Quant Time: Mar 11 08:10:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116278	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	444875	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	223133	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	356860	20.00	ng	0.00
76) Chrysene-d12	13.89	240	257486	20.00	ng	0.00
87) Perylene-d12	15.32	264	238202	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	739558	106.29	ng	0.01
7) Phenol-d6	6.39	99	893554	105.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	566940	67.29	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	220441	75.52	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1136237	75.02	ng	0.00
79) Terphenyl-d14	12.83	244	1108318	74.11	ng	0.00

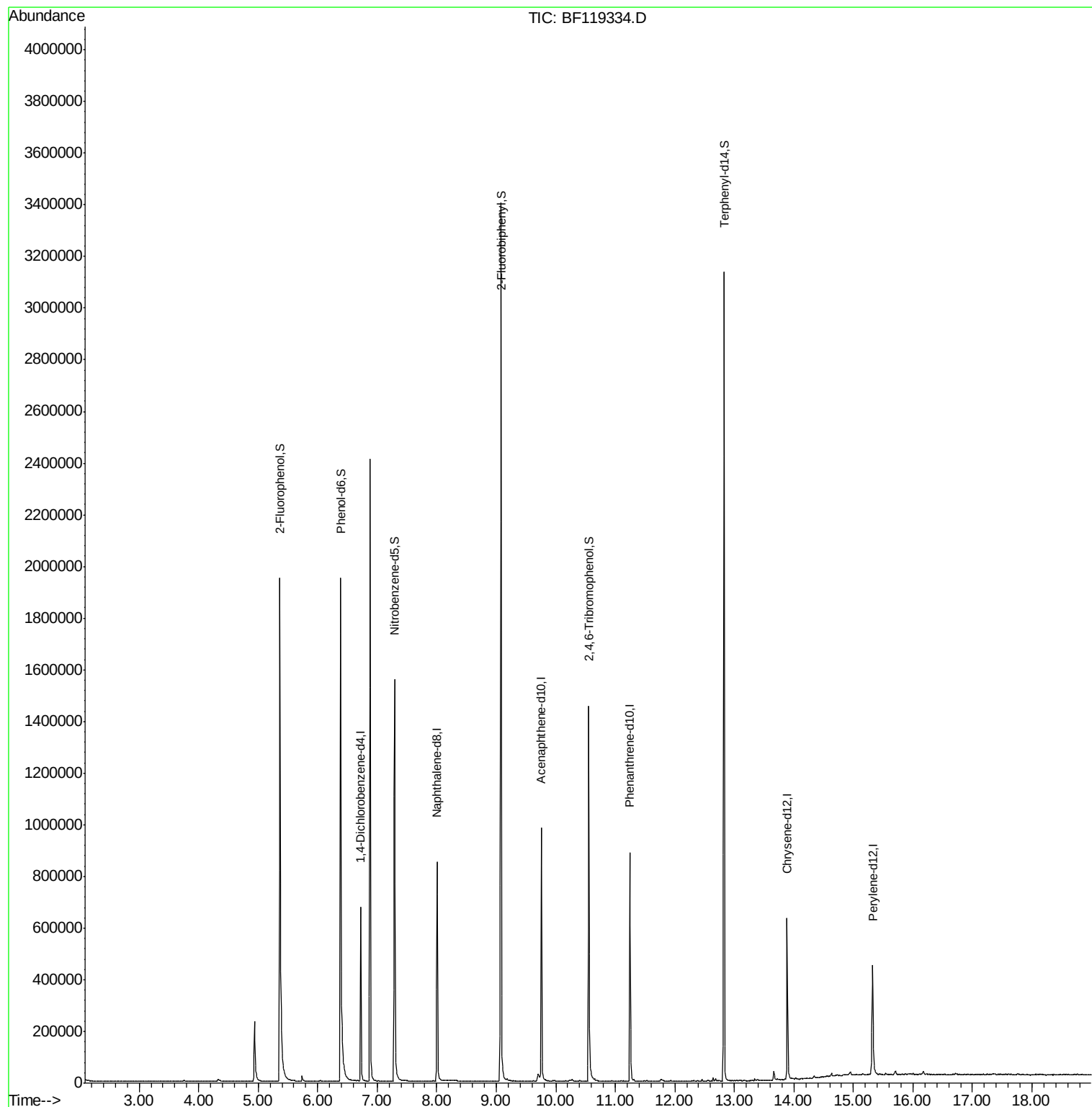
Target Compounds Qvalue

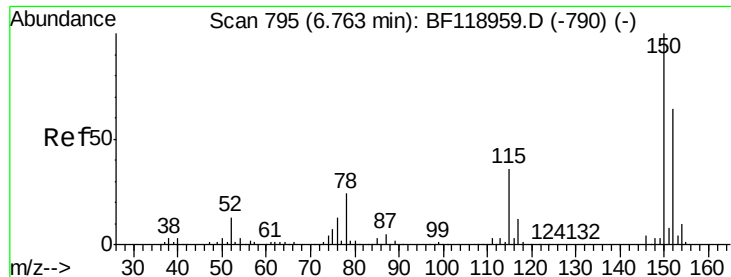
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119334.D
Acq On : 11 Mar 2020 5:02
Operator : CG/JU
Sample : PB127427TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127427TB

Quant Time: Mar 11 08:10:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

PB127427TB

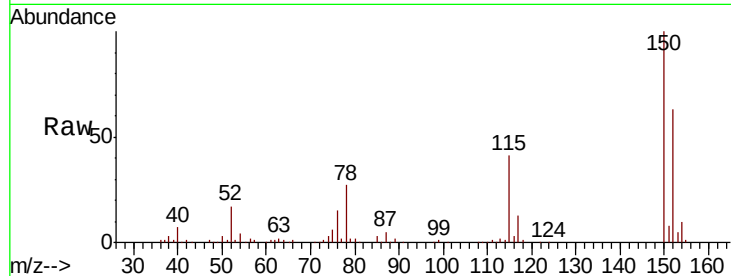
Tot Ion:152 Resp: 116278

Ion Ratio Lower Upper

152 100

150 158.7 123.0 184.6

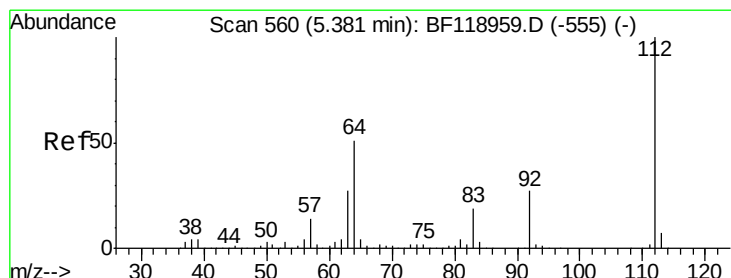
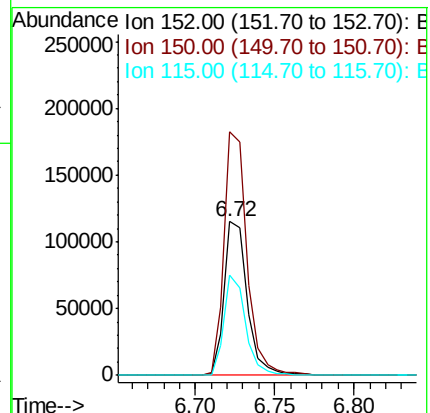
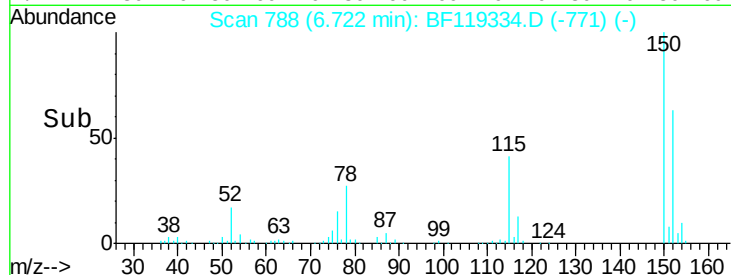
115 65.4 49.5 74.3



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: 106.291 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

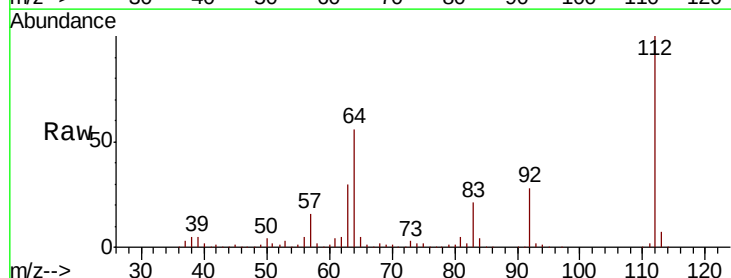
Tgt Ion:112 Resp: 739558

Ion Ratio Lower Upper

112 100

64 56.2 45.0 67.4

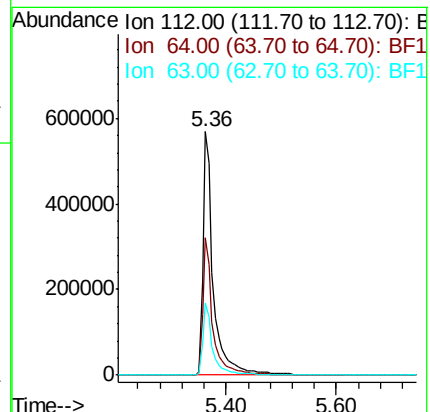
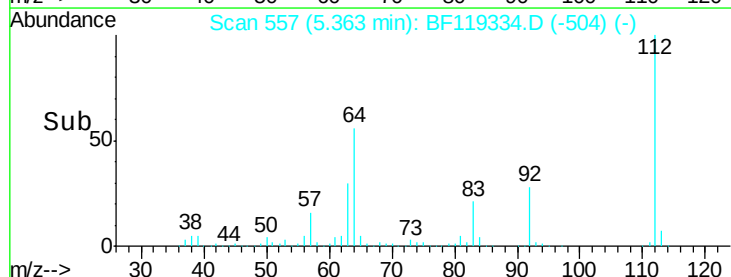
63 29.8 24.2 36.4

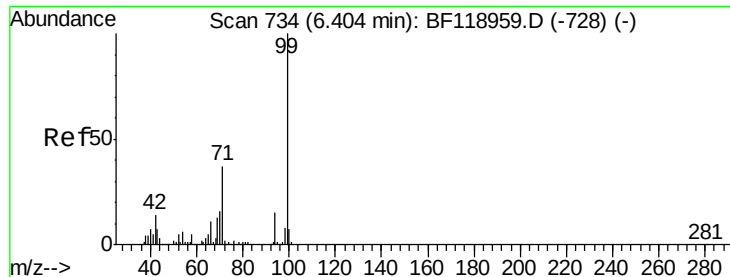


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.596 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

PB127427TB

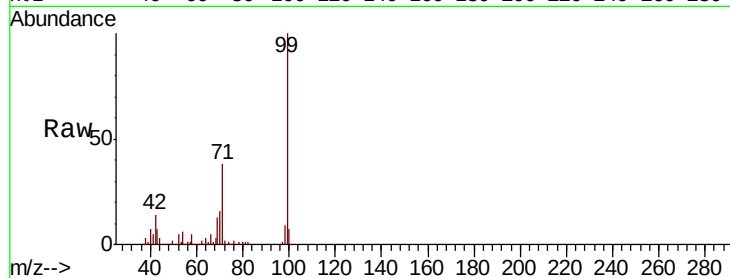
Tot Ion: 99 Resp: 893554

Ion Ratio Lower Upper

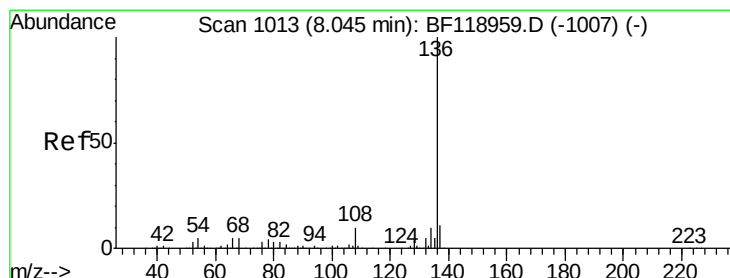
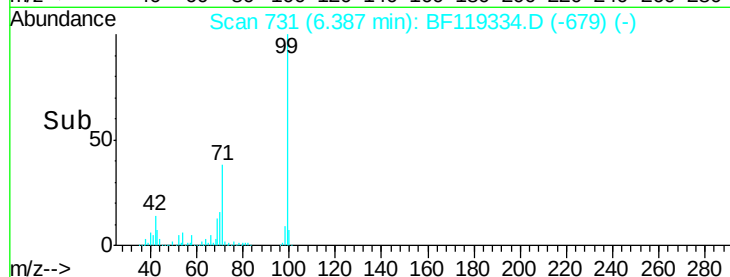
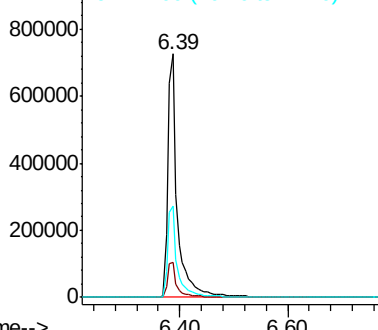
99 100

42 14.3 12.6 18.8

71 37.5 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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Tgt Ion: 136 Resp: 444875

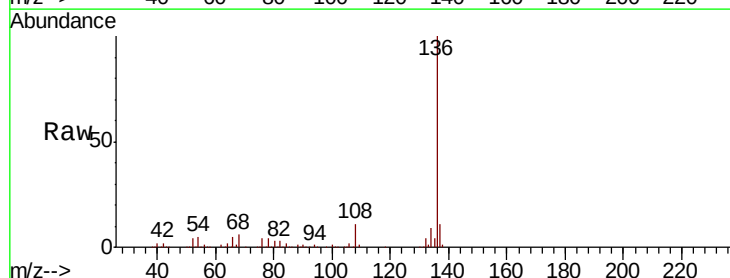
Ion Ratio Lower Upper

136 100

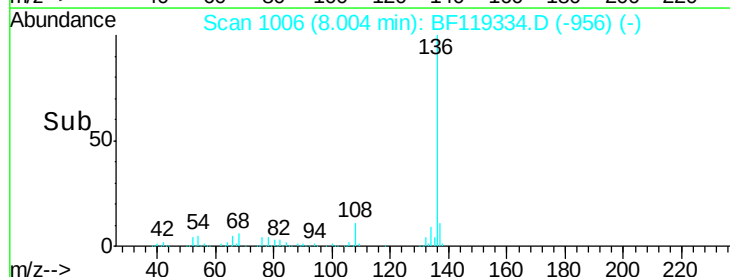
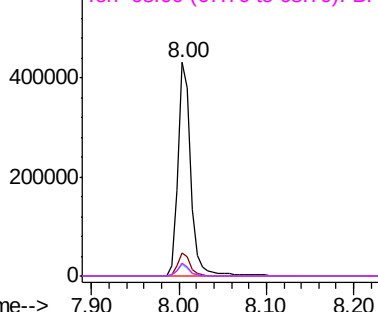
137 11.1 8.8 13.2

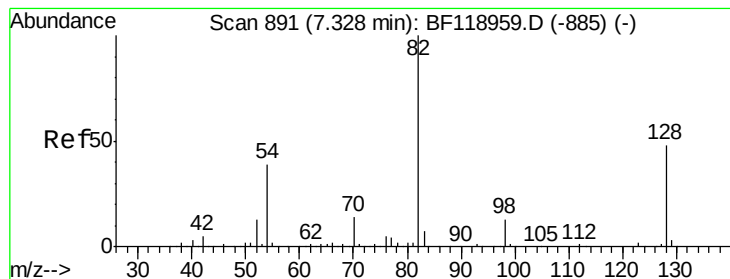
54 5.2 3.8 5.6

68 5.7 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: 67.287 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampled :

PB127427TB

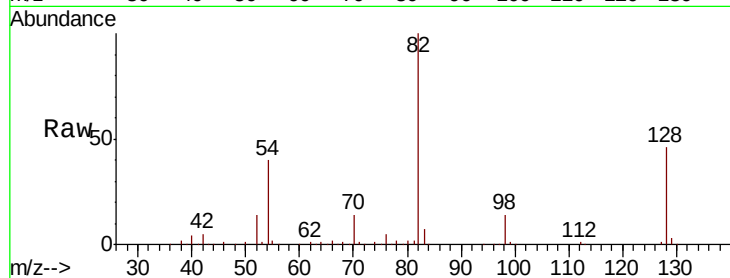
Tot Ion: 82 Resp: 566940

Ion Ratio Lower Upper

82 100

128 46.5 37.9 56.9

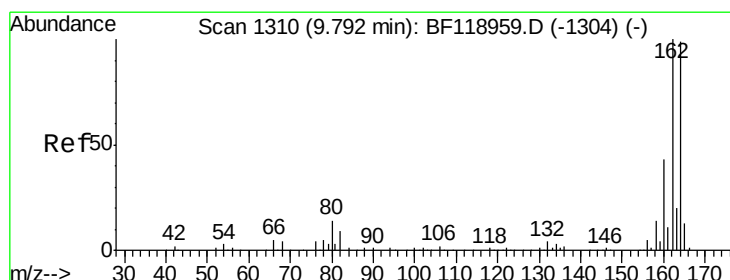
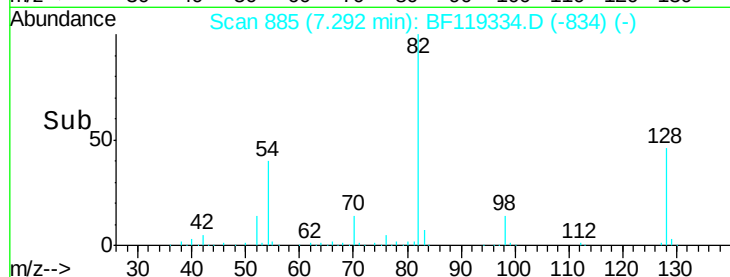
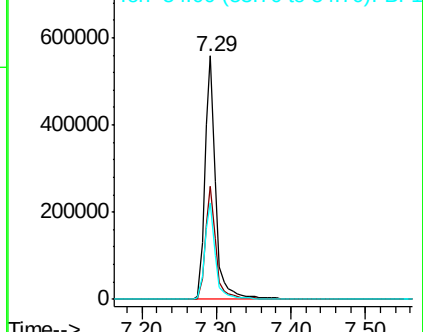
54 39.7 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

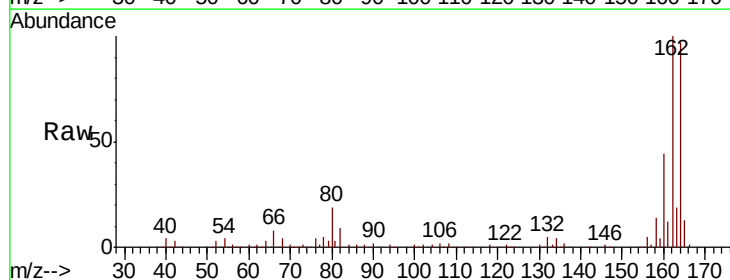
Tgt Ion:164 Resp: 223133

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

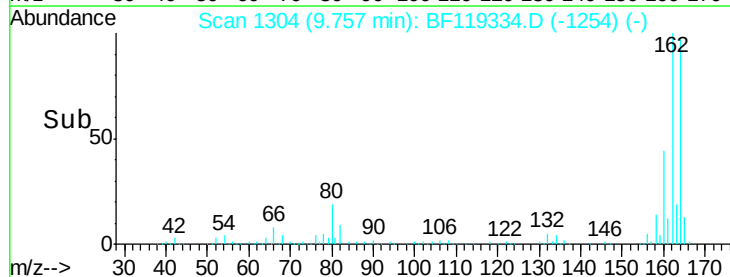
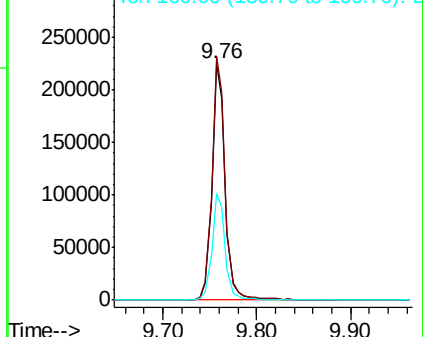
160 45.5 36.0 54.0

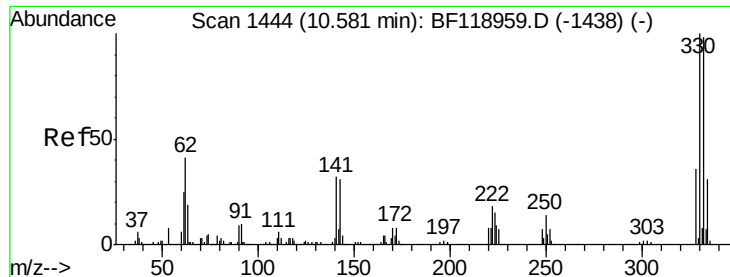


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 75.521 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

PB127427TB

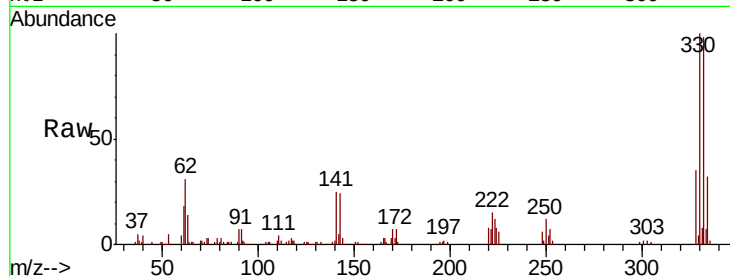
Tot Ion:330 Resp: 220441

Ion Ratio Lower Upper

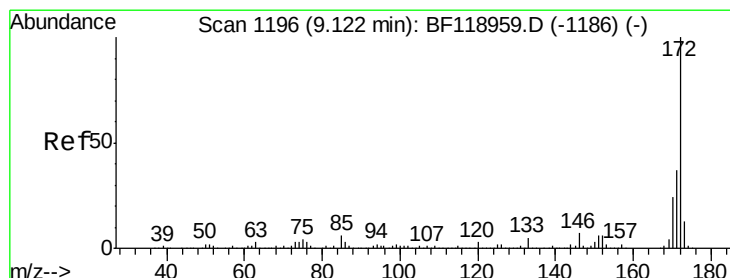
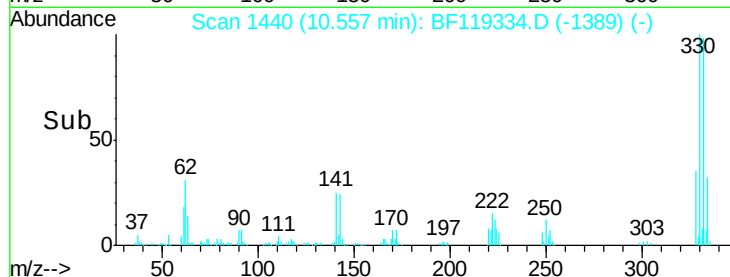
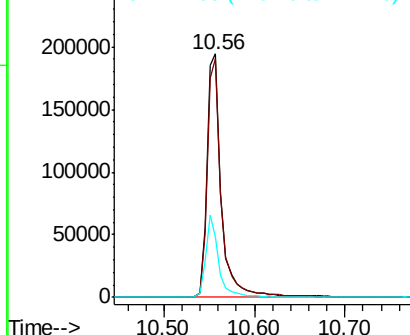
330 100

332 97.5 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: 75.017 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

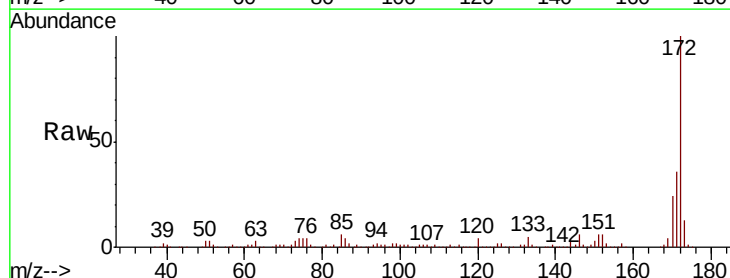
Tgt Ion:172 Resp: 1136237

Ion Ratio Lower Upper

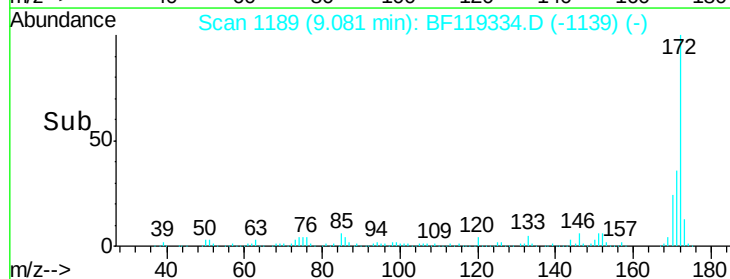
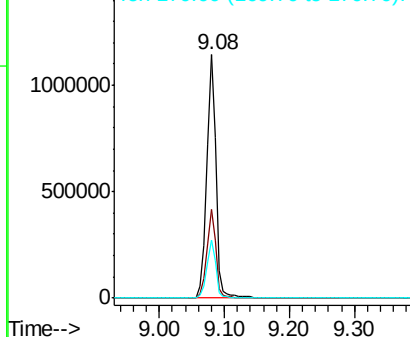
172 100

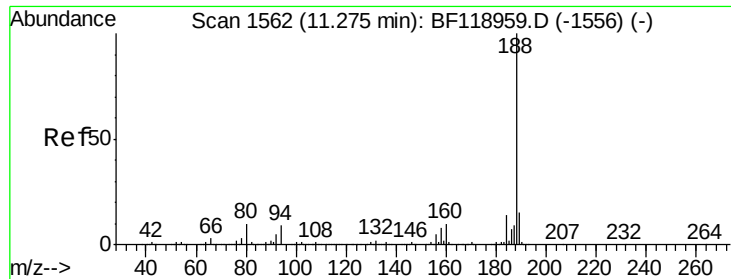
171 36.4 30.6 45.8

170 23.8 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

BNA_F

ClientSampleId :

PB127427TB

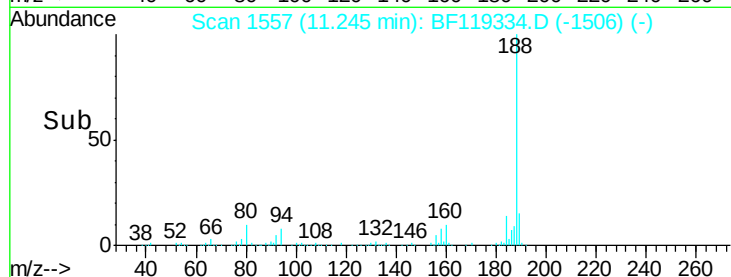
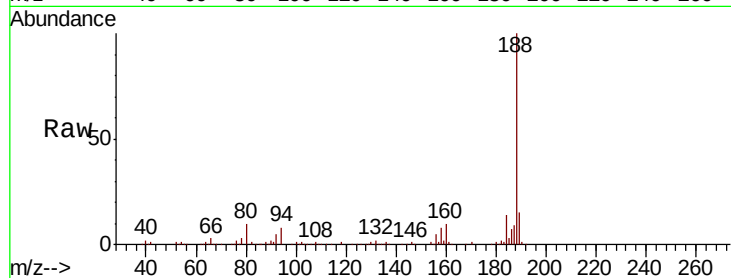
Tot Ion:188 Resp: 356860

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

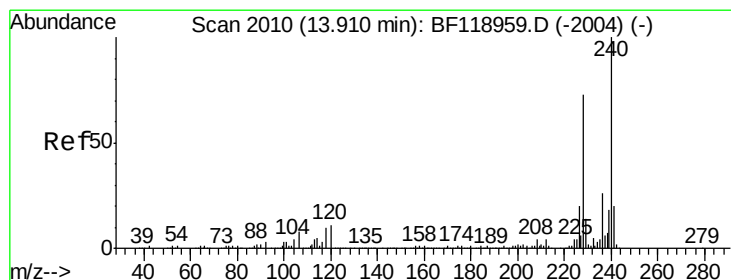
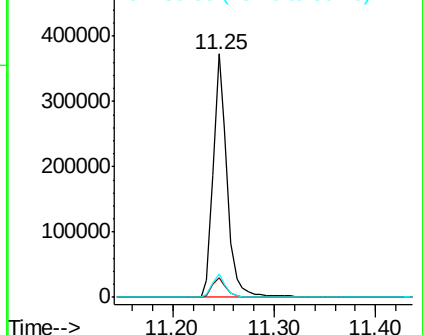
80 9.9 7.8 11.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

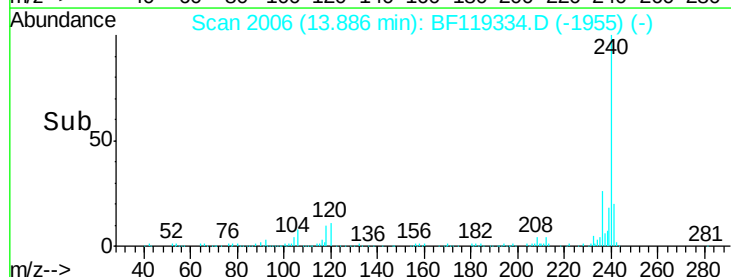
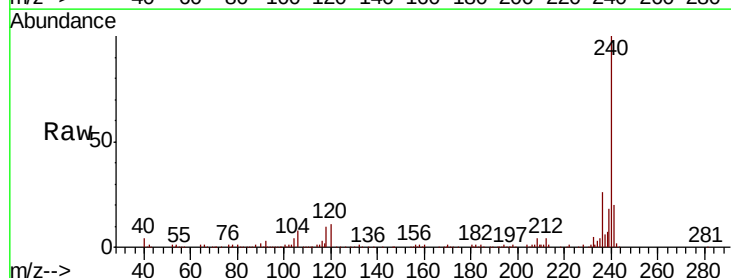
Tgt Ion:240 Resp: 257486

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

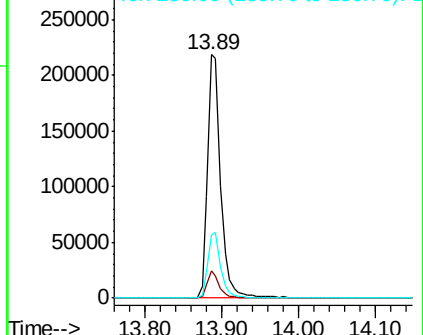
236 26.1 21.0 31.4

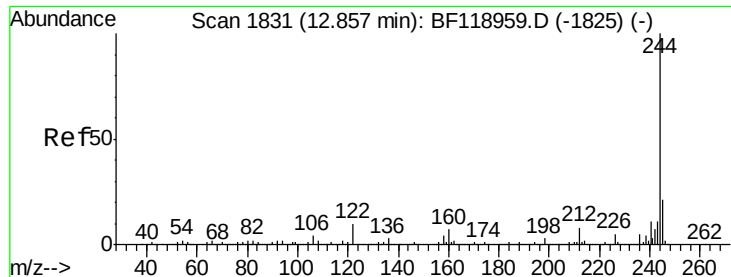


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.107 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Instrument :

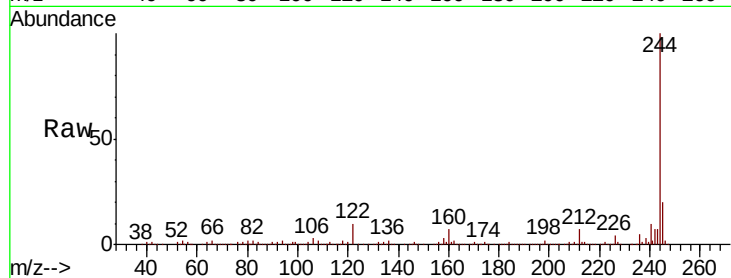
BNA_F

ClientSampleId :

PB127427TB

Tot Ion:244 Resp: 1108318

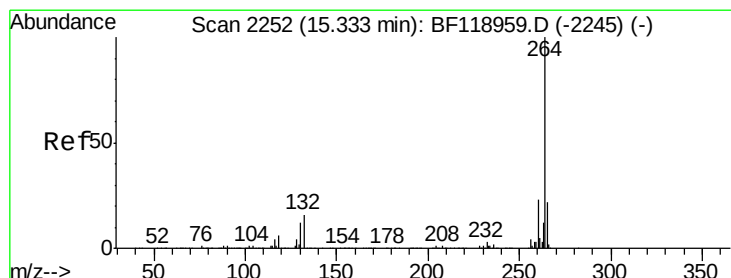
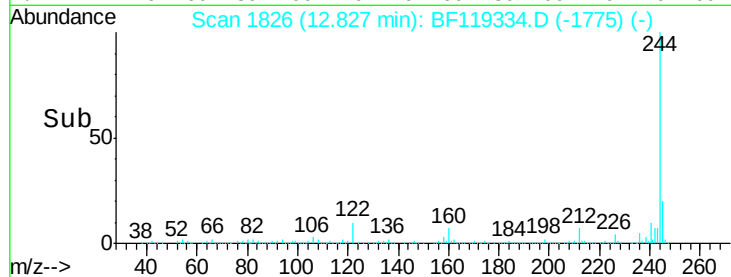
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	9.5	8.2	12.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

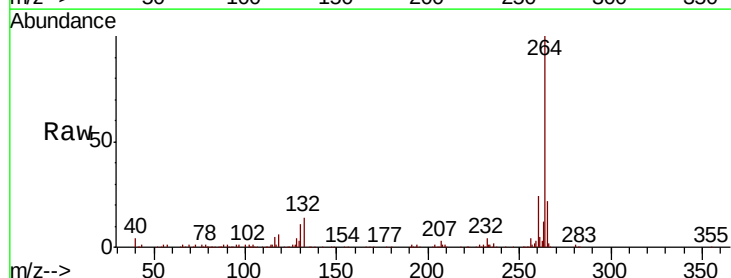
Delta R.T. 0.01 min

Lab File: BF119334.D

Acq: 11 Mar 2020 5:02

Tgt Ion:264 Resp: 238202

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	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

