

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119333.D
 Acq On : 11 Mar 2020 1:52
 Operator : CG/JU
 Sample : PB127427BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BL

Quant Time: Mar 11 08:03:14 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

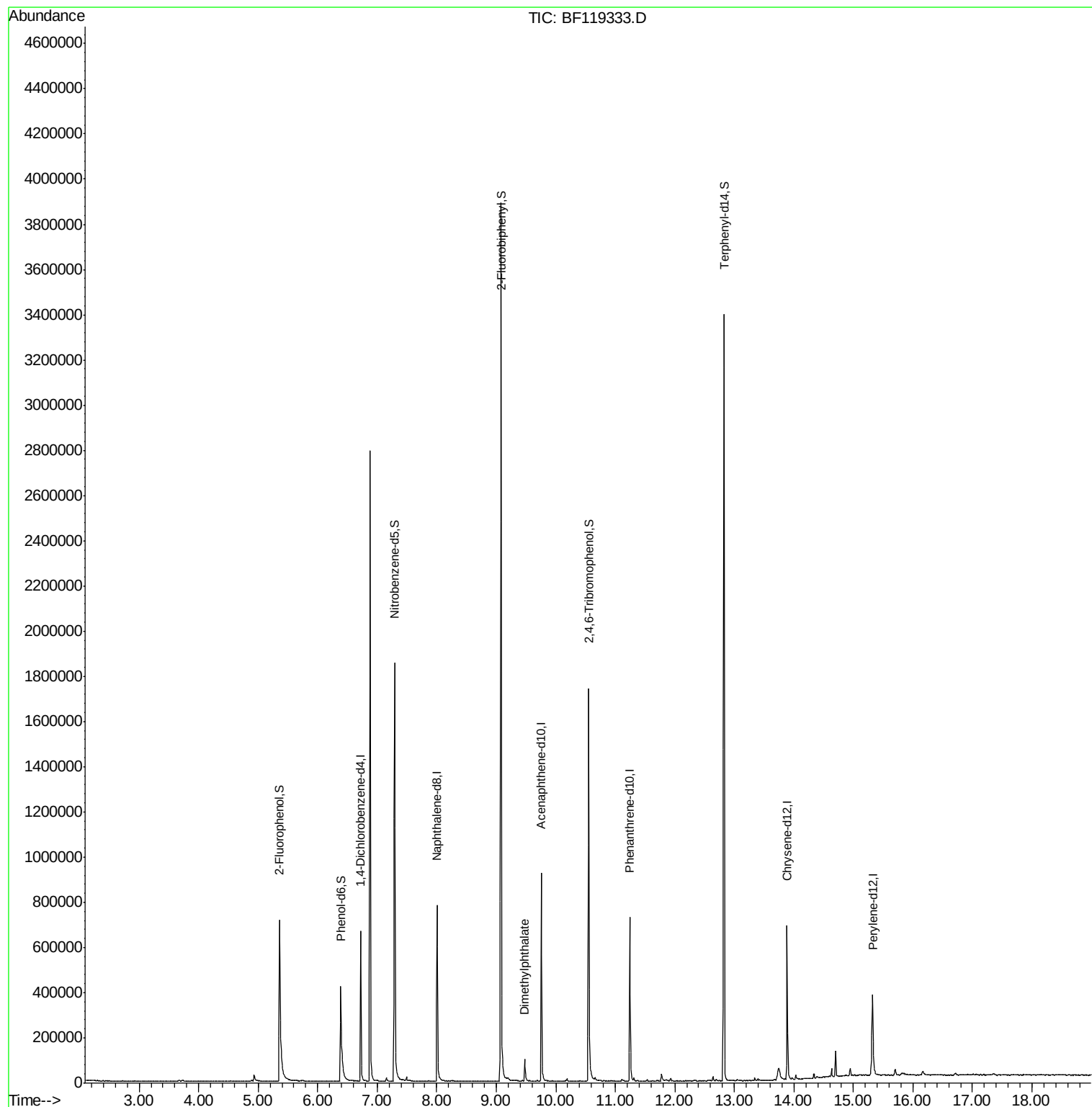
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112702	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	409767	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195852	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	314028	20.00	ng	0.00
76) Chrysene-d12	13.89	240	255798	20.00	ng	0.00
87) Perylene-d12	15.32	264	212177	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	358382	53.14	ng	0.00
7) Phenol-d6	6.39	99	254549	31.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	671186	86.48	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	261329	102.00	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1285291	96.68	ng	0.00
79) Terphenyl-d14	12.83	244	1293249	87.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	53270	3.557	ng	Qvalue 99

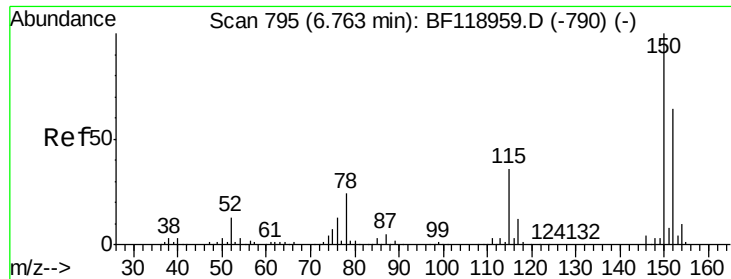
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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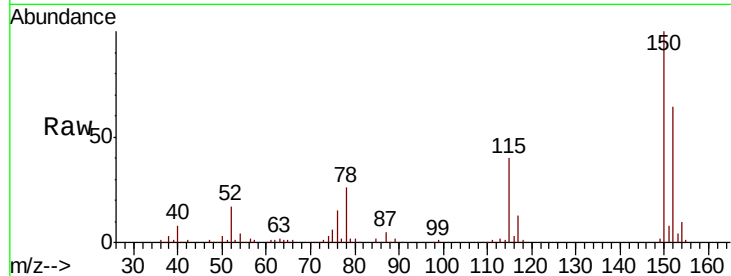


#1

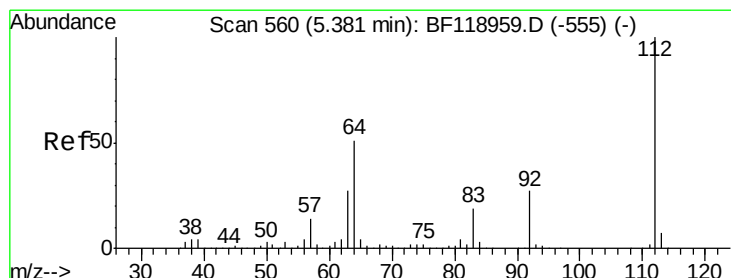
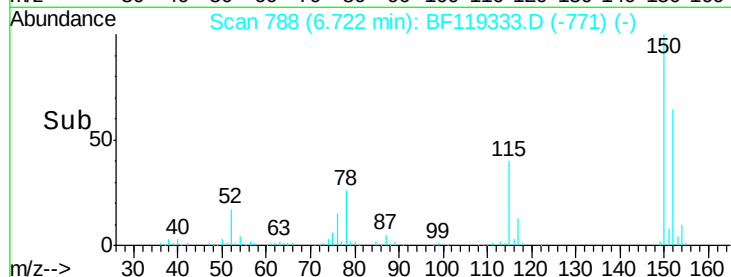
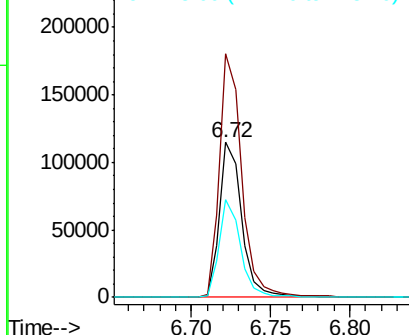
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127427BL

Tot Ion:152 Resp: 112702
 Ion Ratio Lower Upper
 152 100
 150 156.9 123.0 184.6
 115 63.3 49.5 74.3



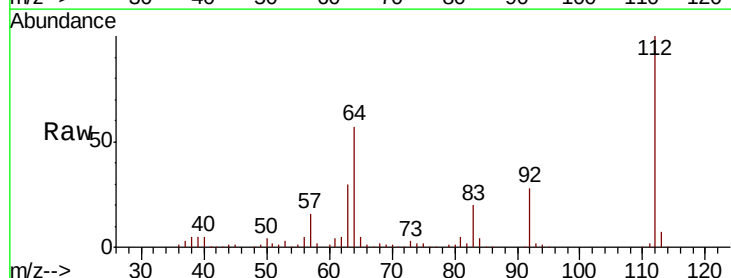
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



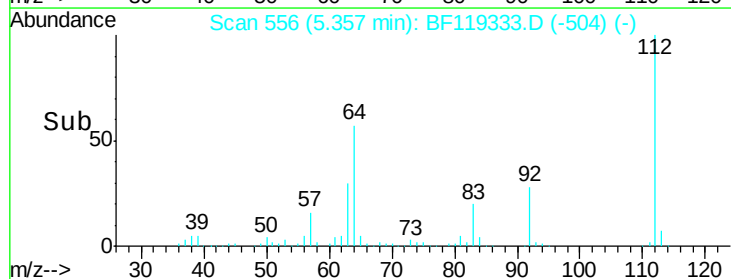
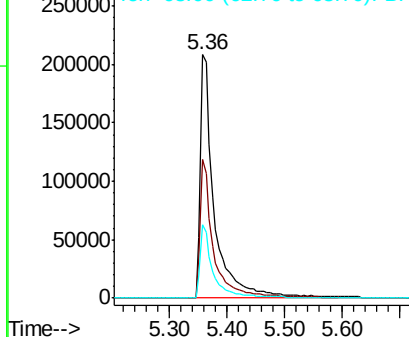
#5

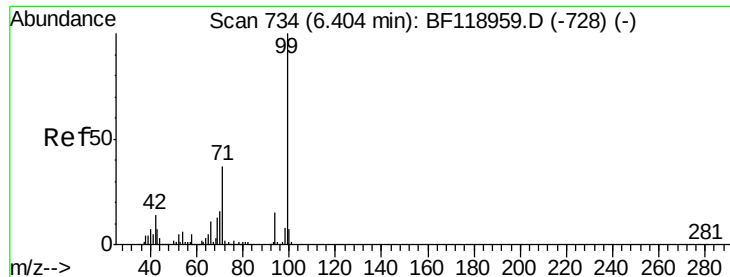
2-Fluorophenol
 Concen: 53.142 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF119333.D
 Acq: 11 Mar 2020 1:52

Tgt Ion:112 Resp: 358382
 Ion Ratio Lower Upper
 112 100
 64 56.8 45.0 67.4
 63 30.3 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: 31.036 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

PB127427BL

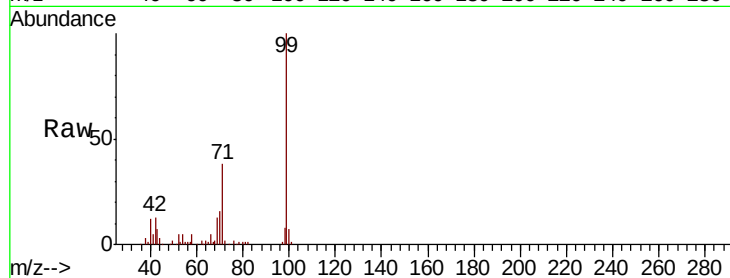
Tot Ion: 99 Resp: 254549

Ion Ratio Lower Upper

99 100

42 13.5 12.6 18.8

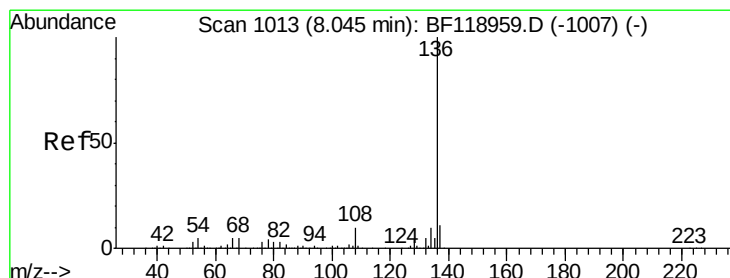
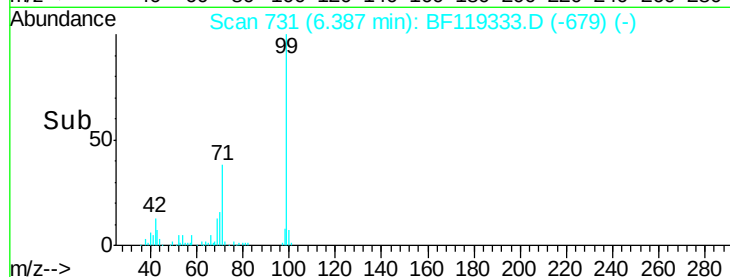
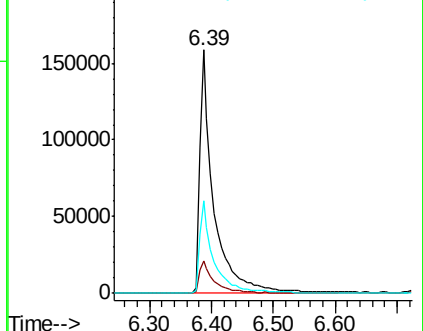
71 38.2 31.0 46.4



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: BF119333.D

Acq: 11 Mar 2020 1:52

Tgt Ion: 136 Resp: 409767

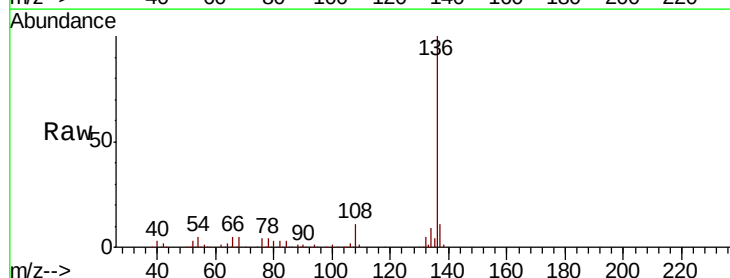
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.0 3.8 5.6

68 5.4 3.9 5.9

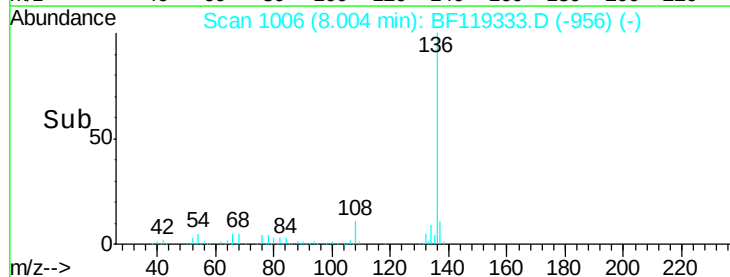
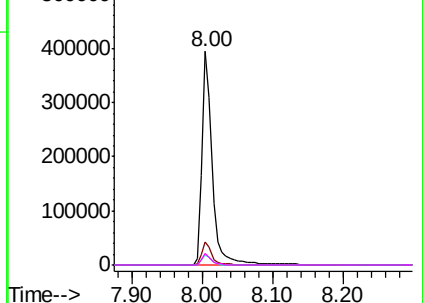


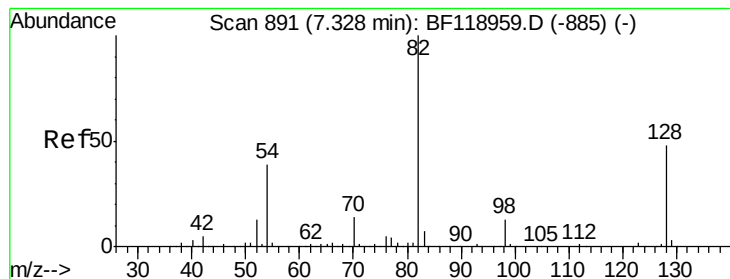
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.485 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

PB127427BL

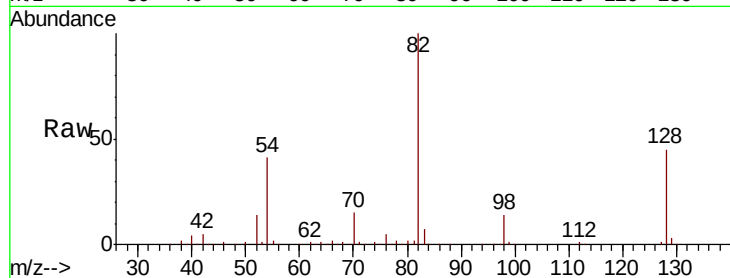
Tot Ion: 82 Resp: 671186

Ion Ratio Lower Upper

82 100

128 45.3 37.9 56.9

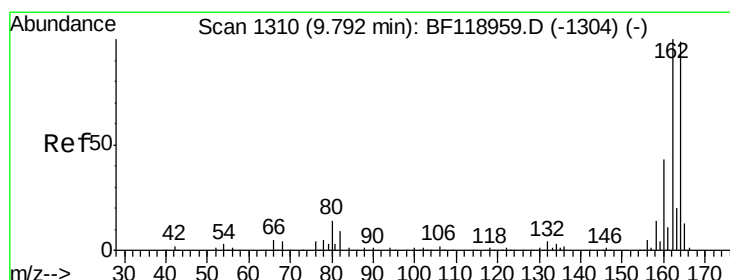
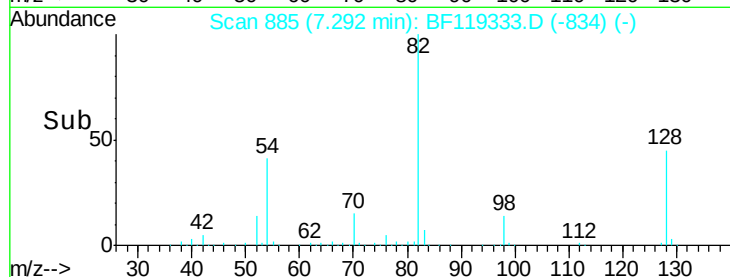
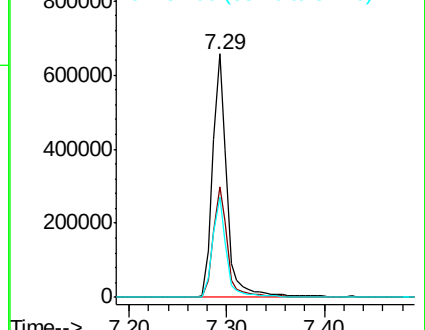
54 41.2 33.4 50.2



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: BF119333.D

Acq: 11 Mar 2020 1:52

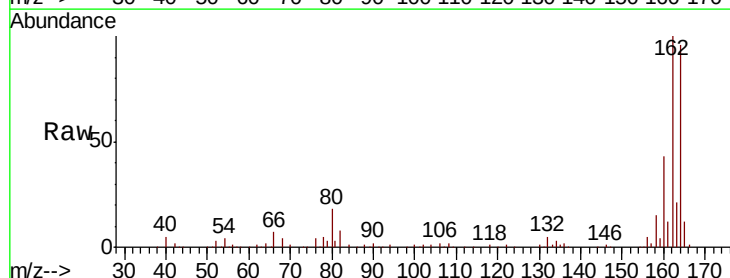
Tgt Ion: 164 Resp: 195852

Ion Ratio Lower Upper

164 100

162 104.3 81.8 122.8

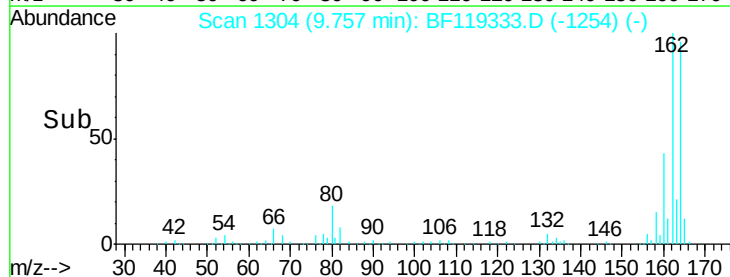
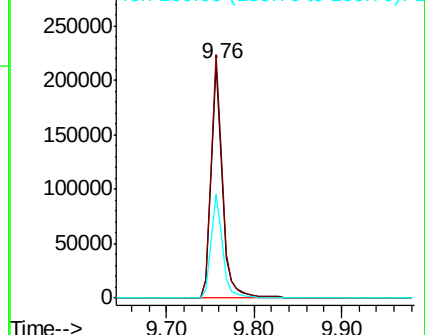
160 44.5 36.0 54.0

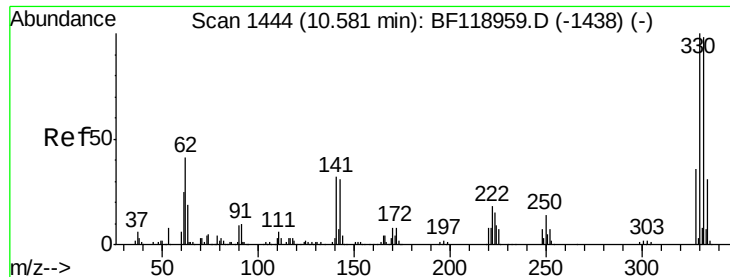


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 101.999 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

PB127427BL

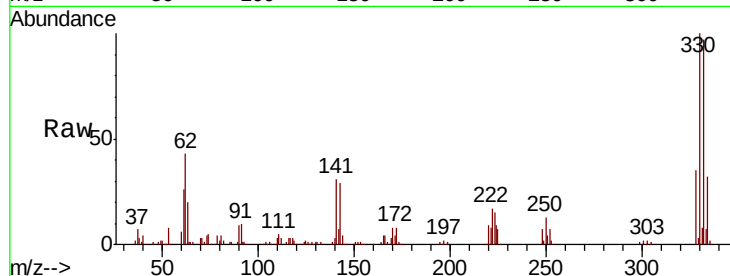
Tot Ion:330 Resp: 261329

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

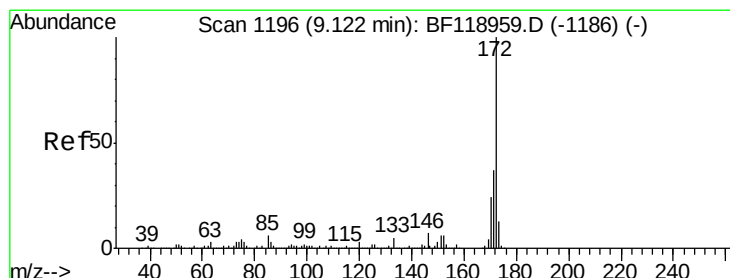
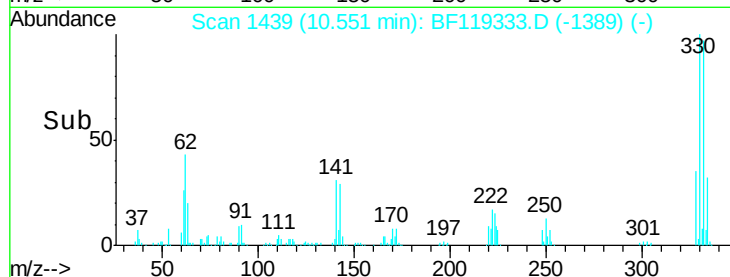
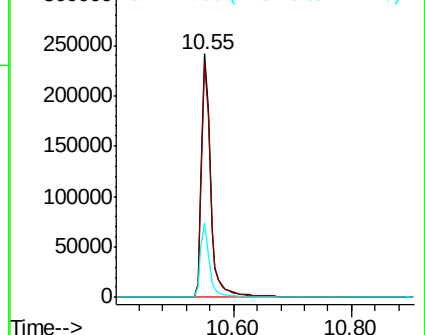
141 30.3 22.9 34.3



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: 96.678 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

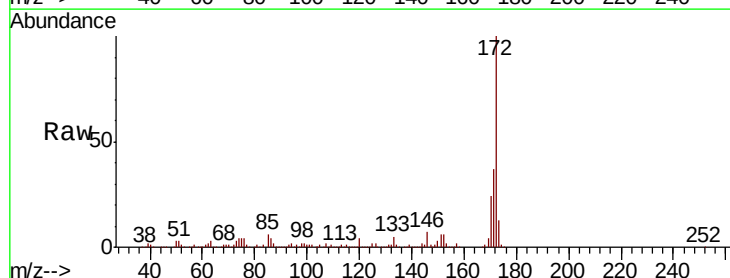
Tgt Ion:172 Resp: 1285291

Ion Ratio Lower Upper

172 100

171 37.0 30.6 45.8

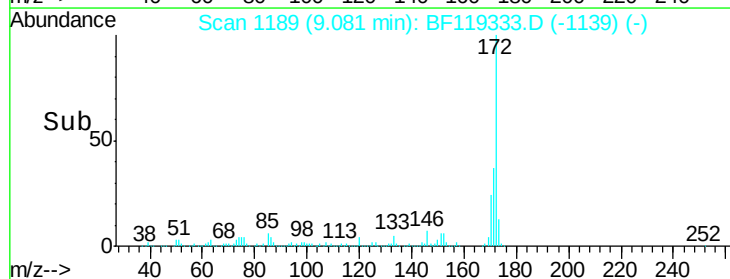
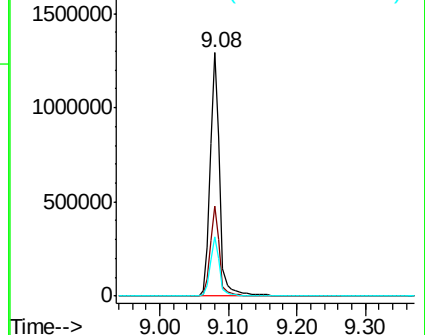
170 24.1 20.2 30.2

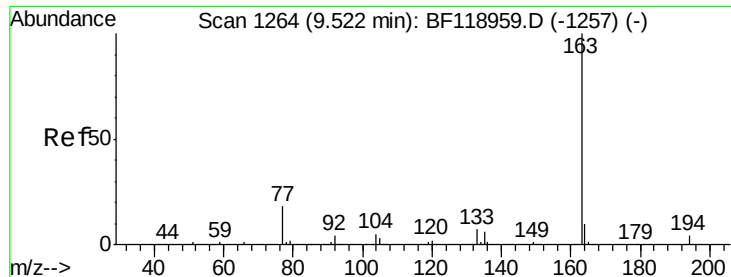


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

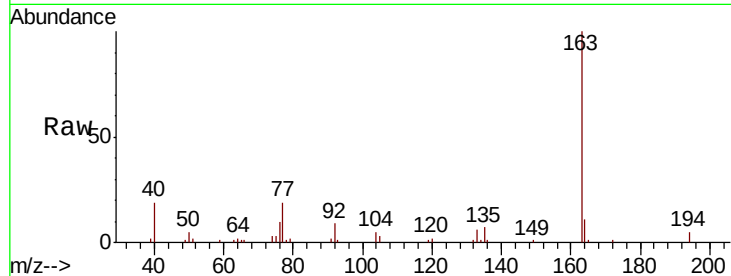




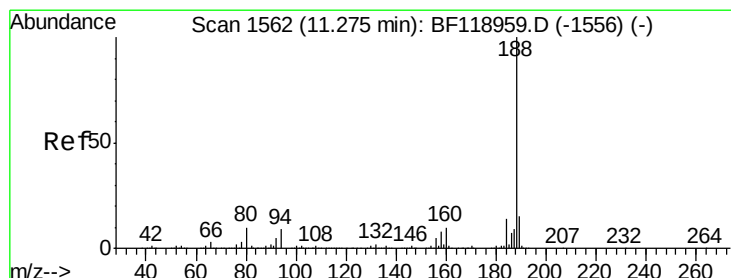
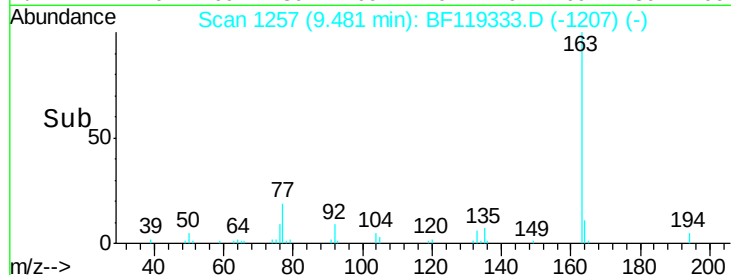
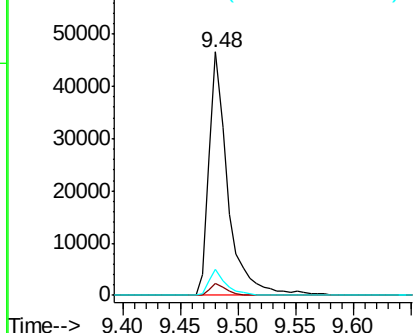
#50
Dimethylphthalate
Concen: 3.557 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Instrument :
BNA_F
ClientSampleId :
PB127427BL

Tot Ion:163 Resp: 53270
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.9 8.4 12.6

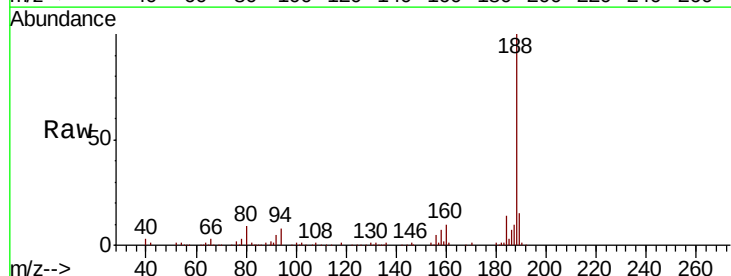


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

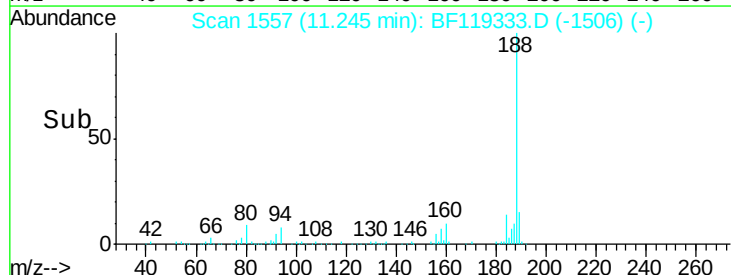
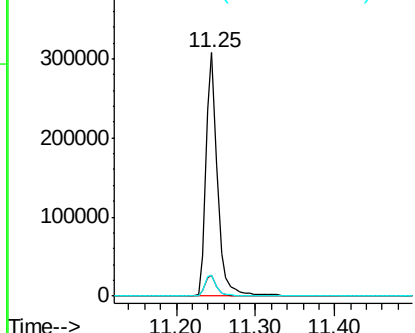


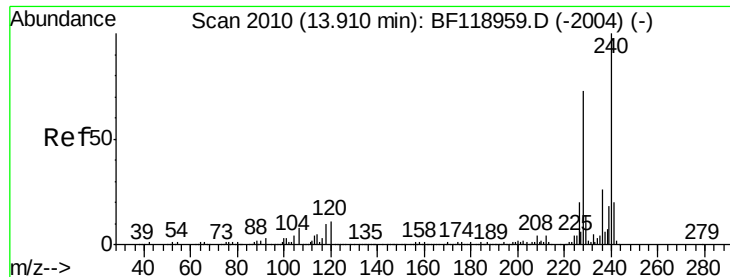
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Tgt Ion:188 Resp: 314028
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 8.8 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: BF119333.D

Acq: 11 Mar 2020 1:52

Instrument :

BNA_F

ClientSampleId :

PB127427BL

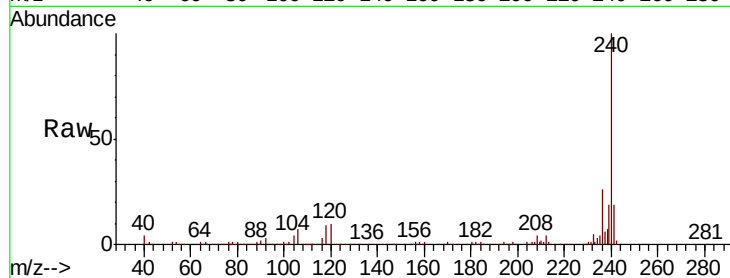
Tot Ion:240 Resp: 255798

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

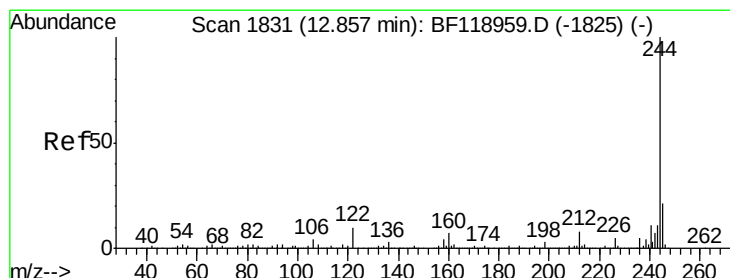
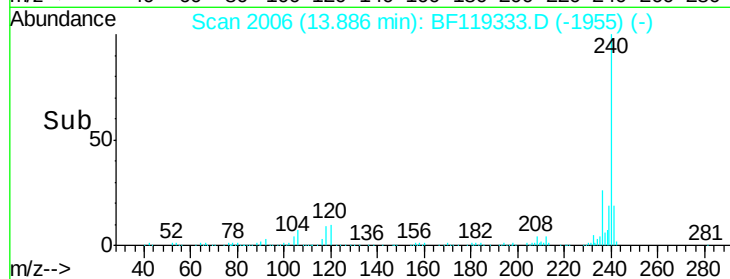
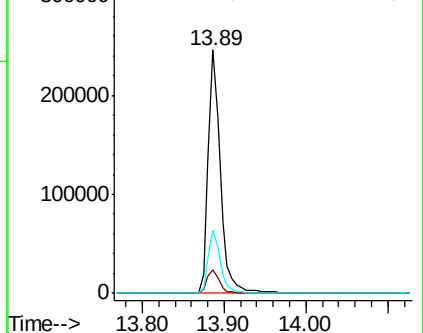
236 26.2 21.0 31.4



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: 87.043 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119333.D

Acq: 11 Mar 2020 1:52

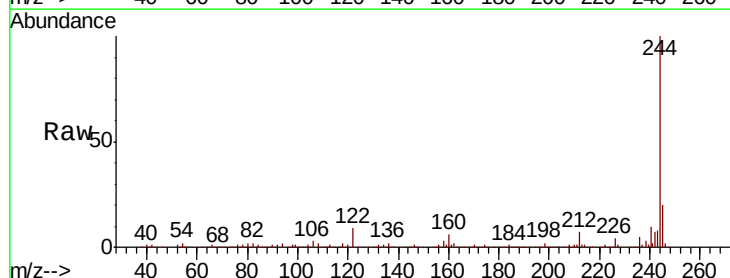
Tgt Ion:244 Resp: 1293249

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

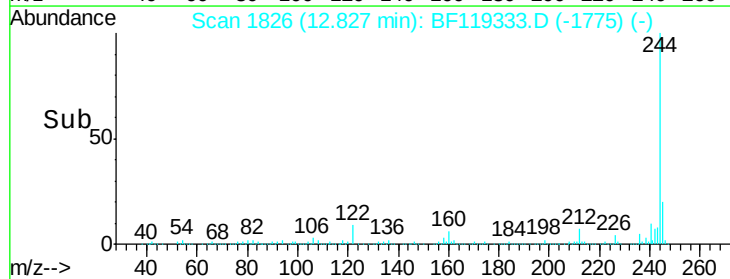
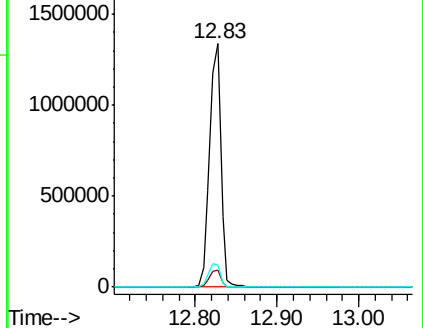
122 8.9 8.2 12.2

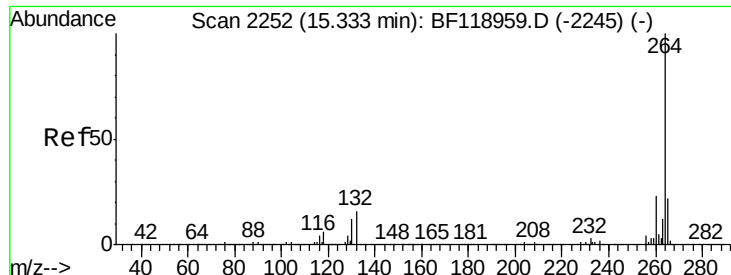


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

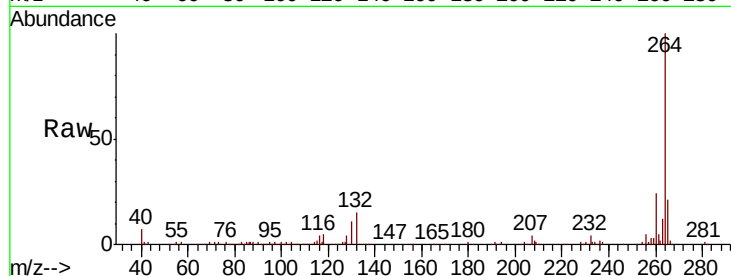




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119333.D
Acq: 11 Mar 2020 1:52

Instrument :
BNA_F
ClientSampleId :
PB127427BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.5	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

