

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119025.D
 Acq On : 24 Feb 2020 16:08
 Operator : CG/JU
 Sample : PB127021BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BL

Quant Time: Feb 25 00:52:40 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	151726	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	599660	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	341163	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	659459	20.00	ng	0.00
76) Chrysene-d12	13.90	240	440535	20.00	ng	0.00
87) Perylene-d12	15.33	264	371481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1096649	120.79	ng	0.00
7) Phenol-d6	6.40	99	1329676	120.42	ng	0.00
23) Nitrobenzene-d5	7.32	82	878755	77.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	507850	113.79	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1798076	77.64	ng	-0.01
79) Terphenyl-d14	12.86	244	2308901	90.24	ng	0.00

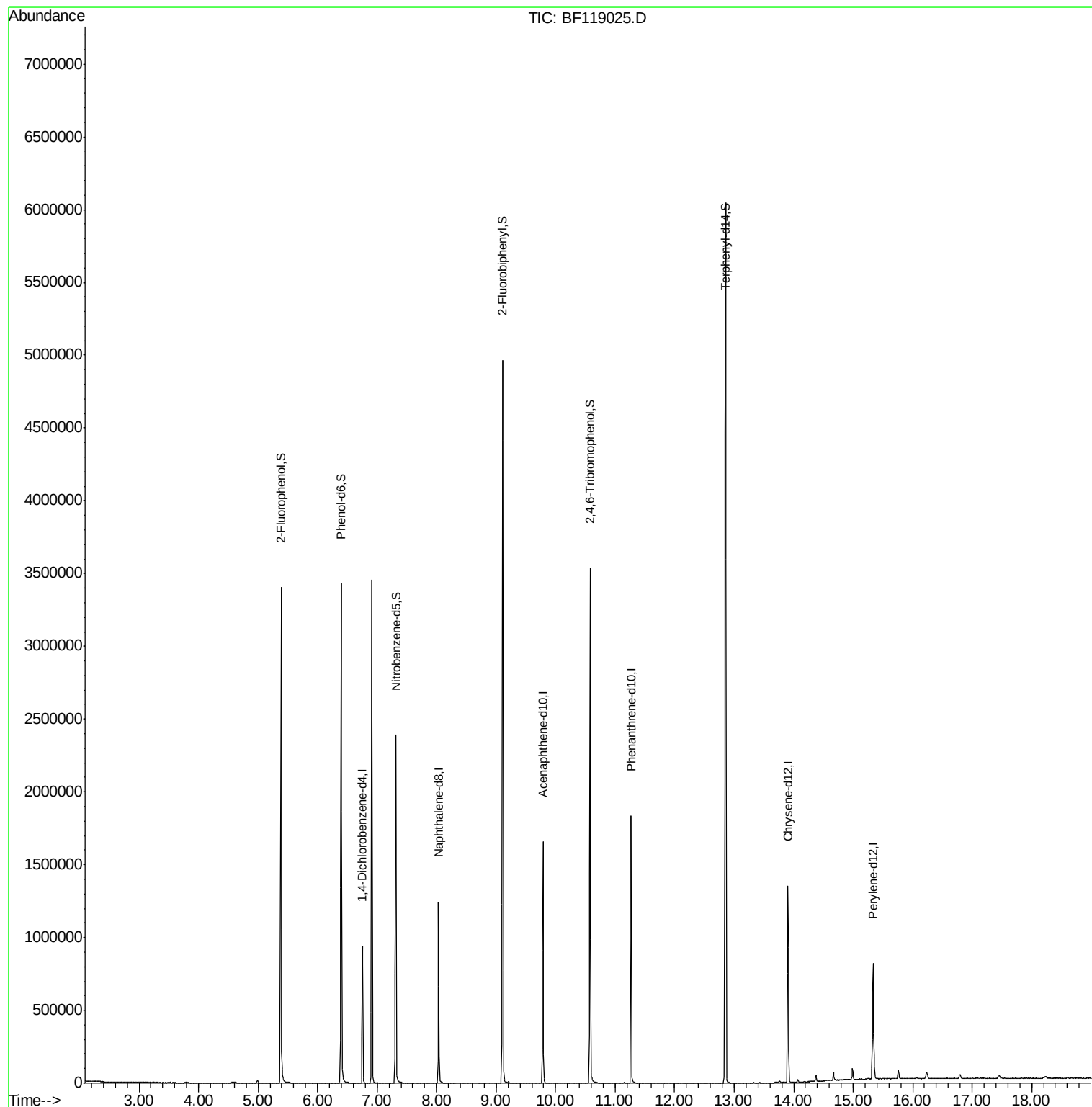
Target Compounds Qvalue

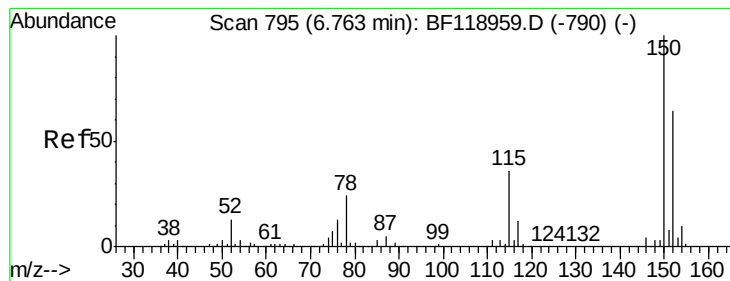
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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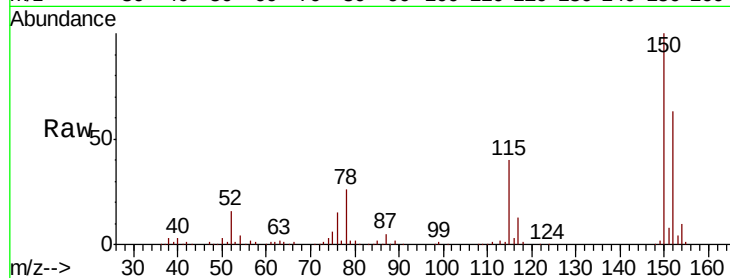


#1

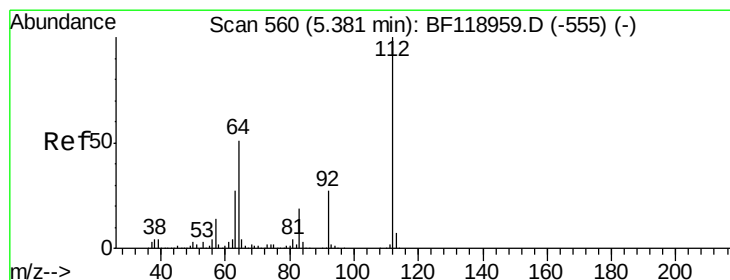
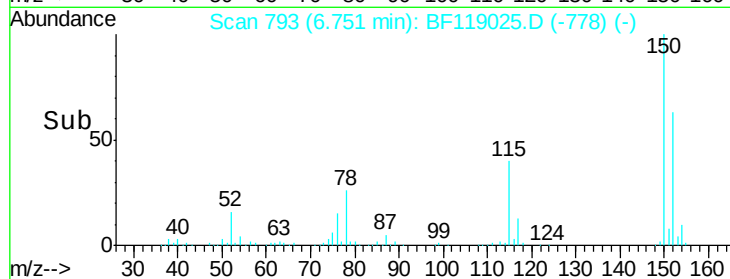
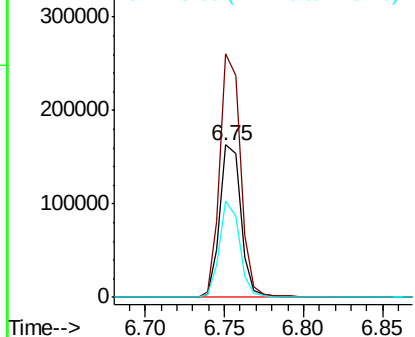
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Instrument :
BNA_F
ClientSampleId :
PB127021BL

Tot Ion:152 Resp: 151726
Ion Ratio Lower Upper
152 100
150 159.8 124.3 186.5
115 63.4 44.6 67.0



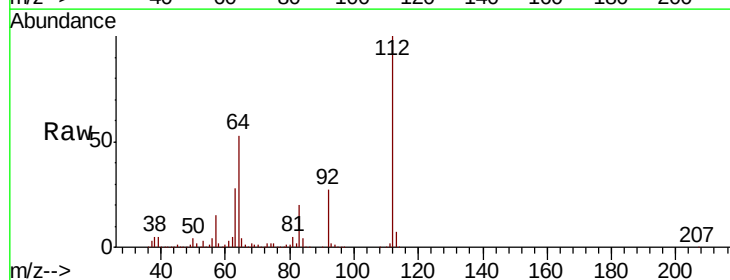
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



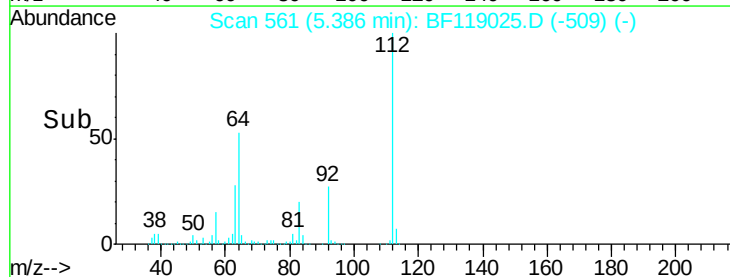
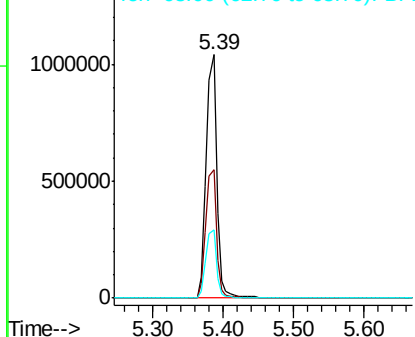
#5

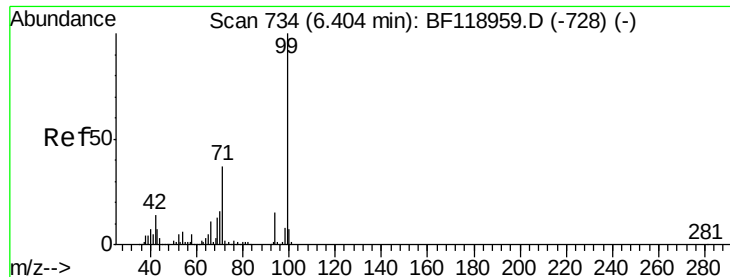
2-Fluorophenol
Concen: 120.790 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion:112 Resp: 1096649
Ion Ratio Lower Upper
112 100
64 52.9 40.4 60.6
63 28.1 21.3 31.9



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: 120.423 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampleId :

PB127021BL

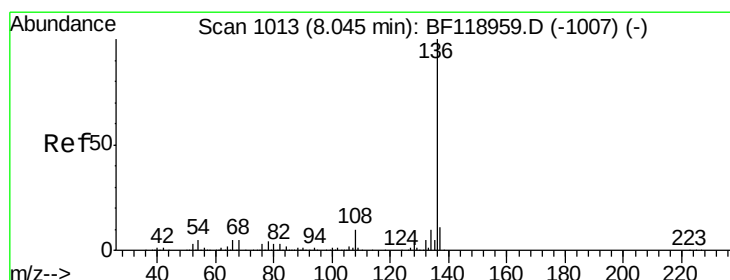
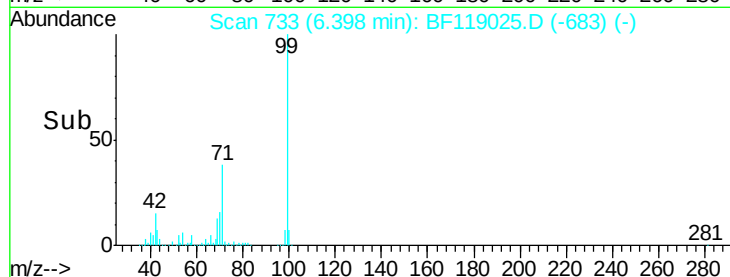
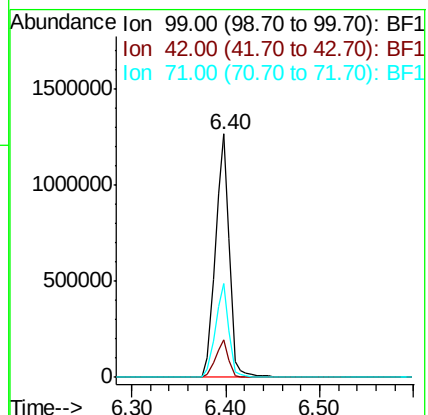
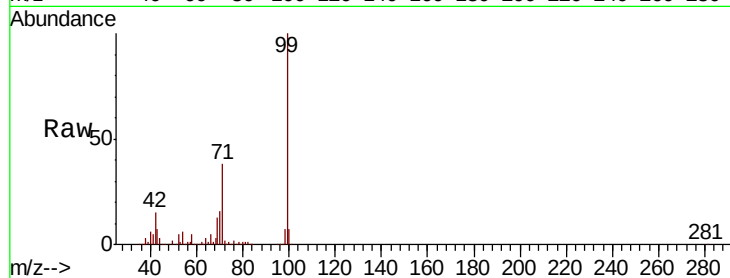
Tot Ion: 99 Resp: 1329676

Ion Ratio Lower Upper

99 100

42 15.2 11.4 17.0

71 38.4 29.8 44.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Tgt Ion: 136 Resp: 599660

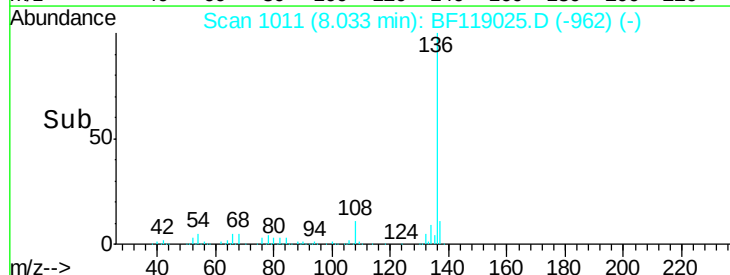
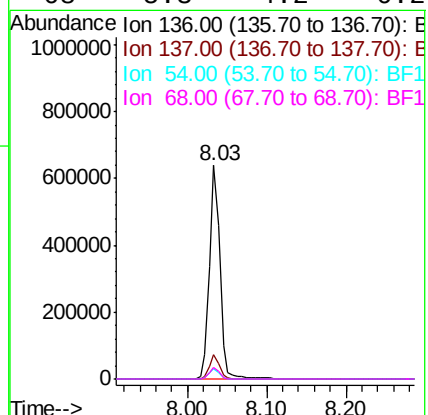
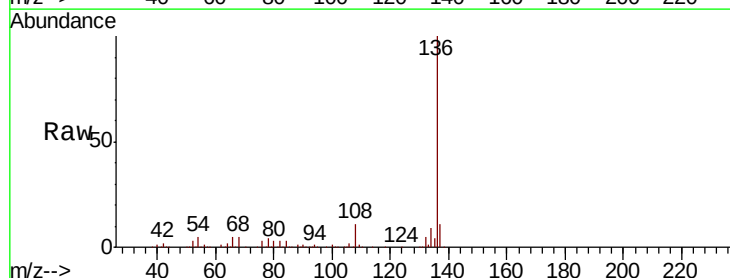
Ion Ratio Lower Upper

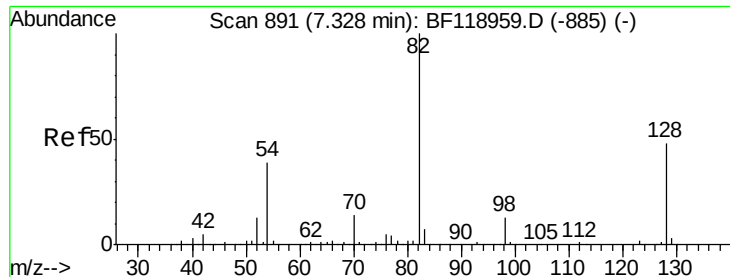
136 100

137 11.1 8.9 13.3

54 4.9 3.8 5.6

68 5.3 4.2 6.2

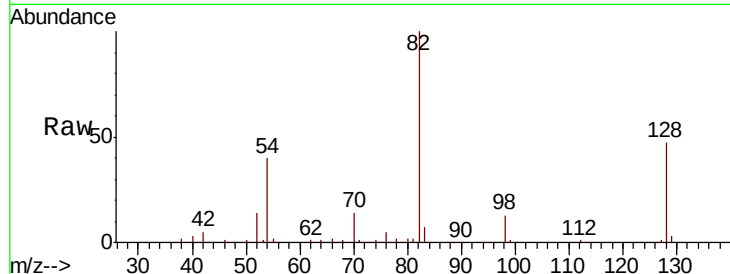




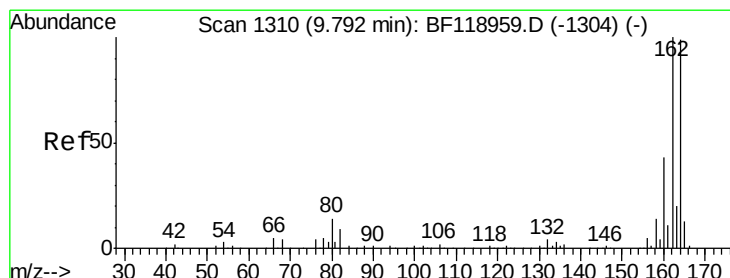
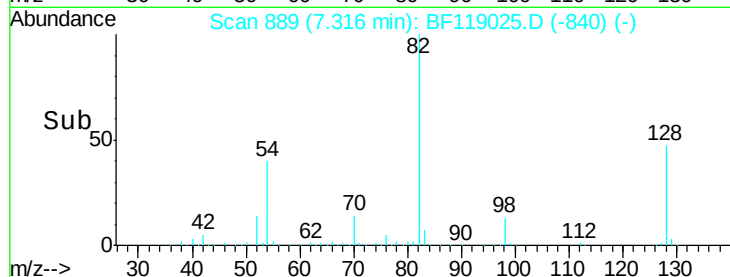
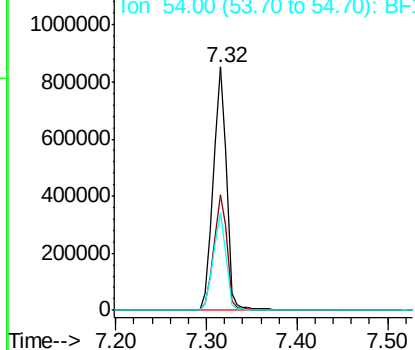
#23
 Nitrobenzene-d5
 Concen: 77.374 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119025.D
 Acq: 24 Feb 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB127021BL

Tot Ion	82	Resp	878755
Ion Ratio	100		
Lower	38.2		
Upper	57.2		
128	47.4		
54	40.3		

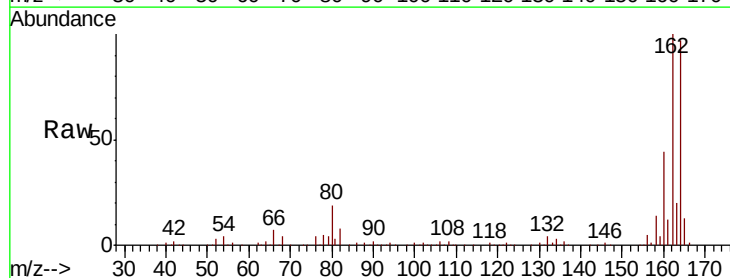


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

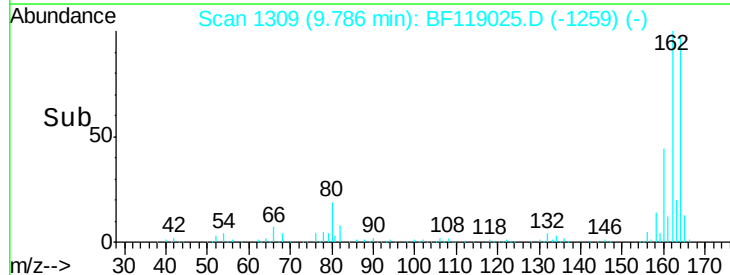
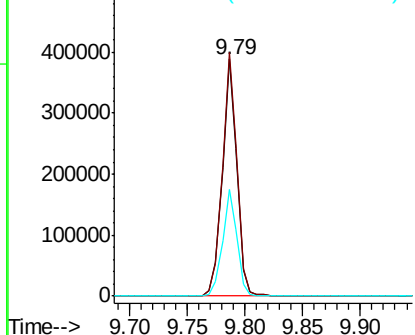


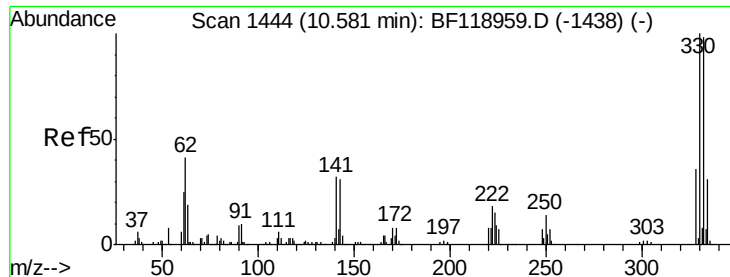
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119025.D
 Acq: 24 Feb 2020 16:08

Tgt Ion	164	Resp	341163
Ion Ratio	100		
Lower	81.2		
Upper	121.8		
162	102.9		
160	45.3		



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: 113.792 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampleId :

PB127021BL

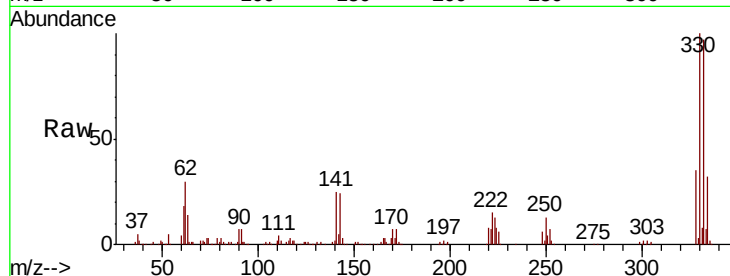
Tot Ion:330 Resp: 507850

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

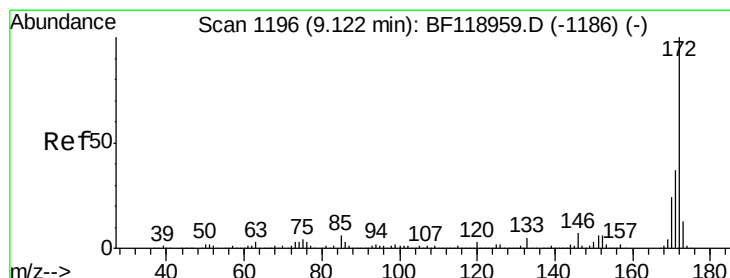
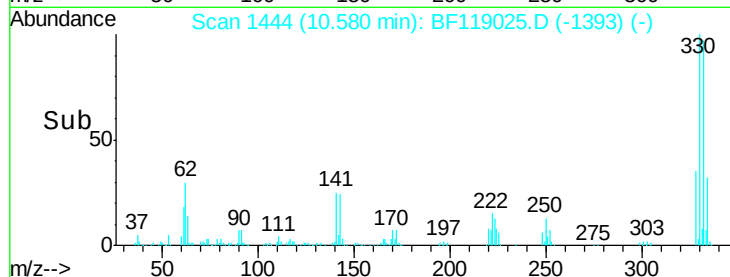
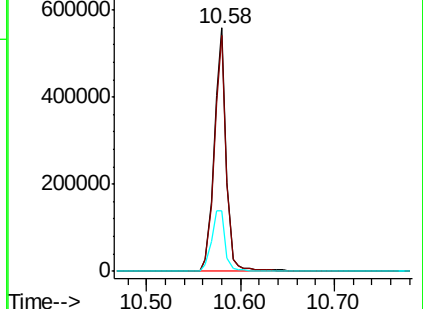
141 28.6 23.0 34.6



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: 77.643 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

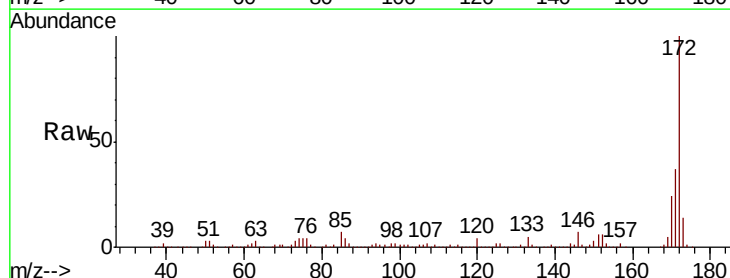
Tgt Ion:172 Resp: 1798076

Ion Ratio Lower Upper

172 100

171 37.2 29.4 44.2

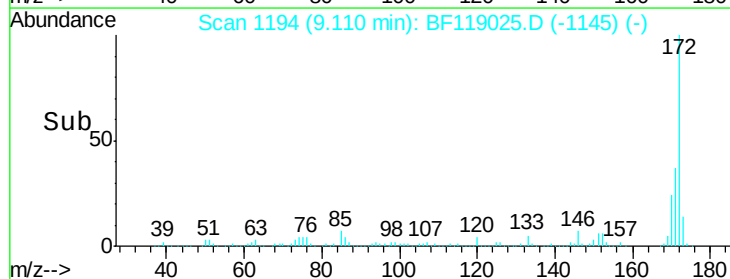
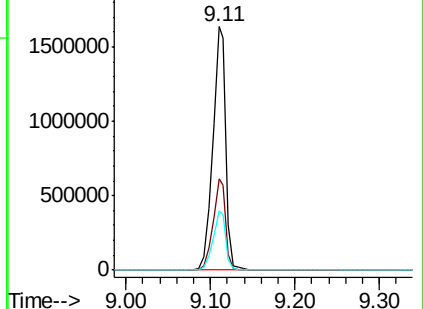
170 24.2 19.6 29.4

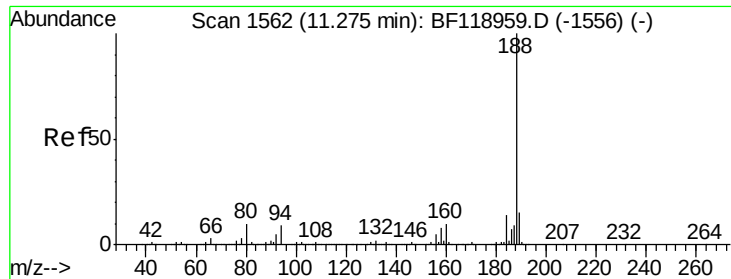


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

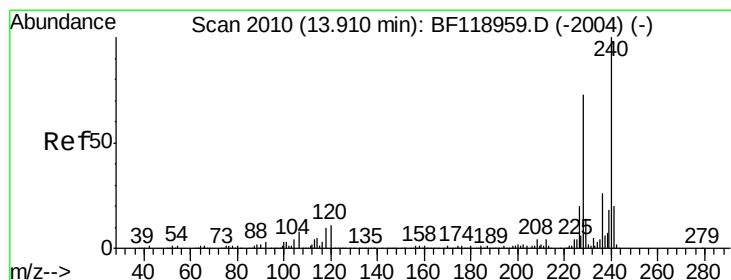
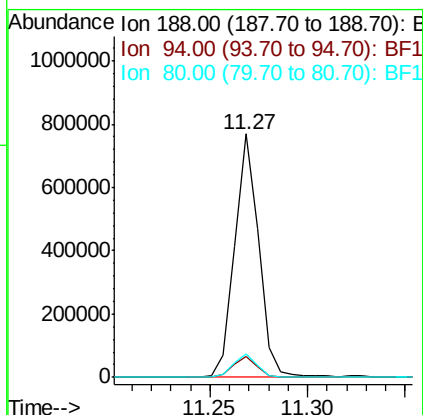
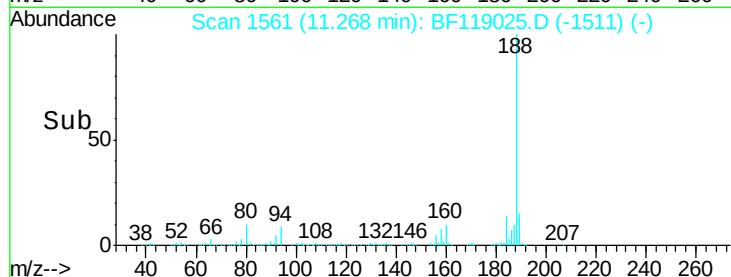
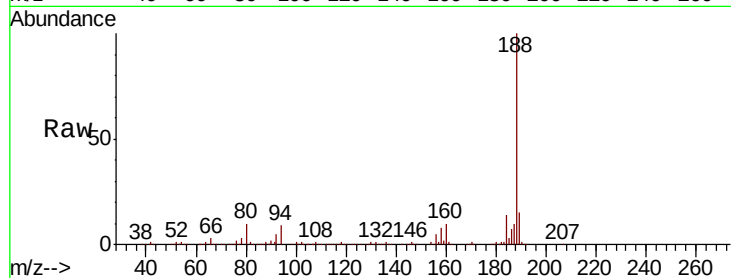




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

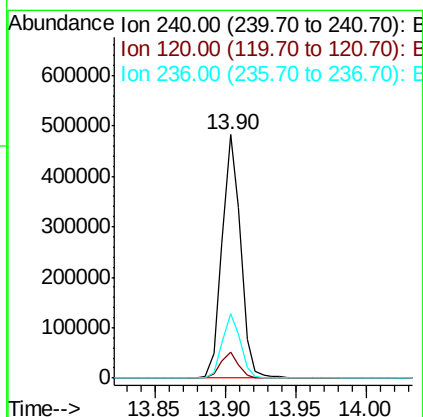
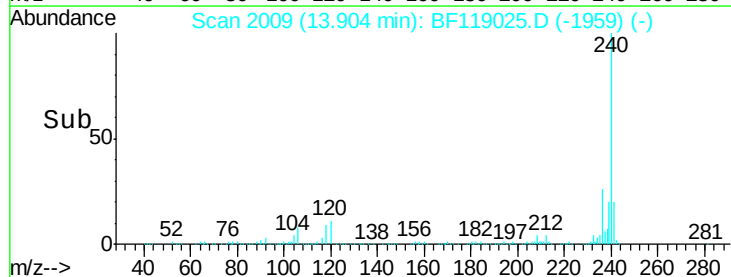
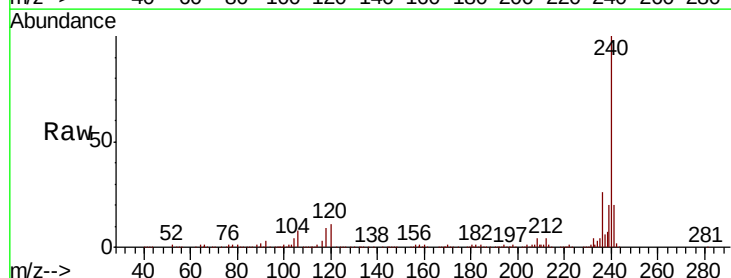
Instrument :
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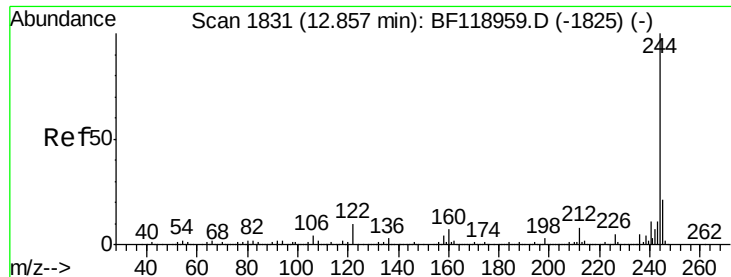
Tot Ion:188 Resp: 659459
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119025.D
Acq: 24 Feb 2020 16:08

Tgt Ion:240 Resp: 440535
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 90.235 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Instrument :

BNA_F

ClientSampleId :

PB127021BL

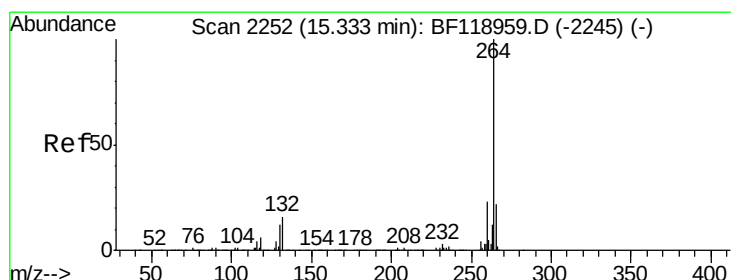
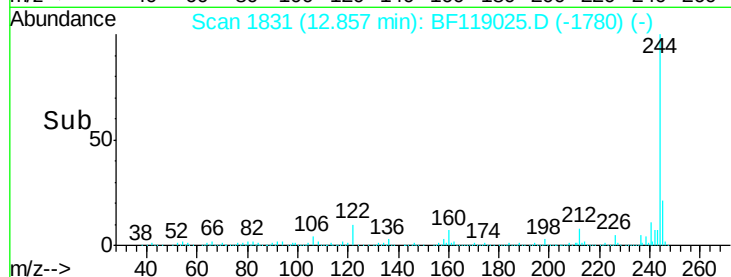
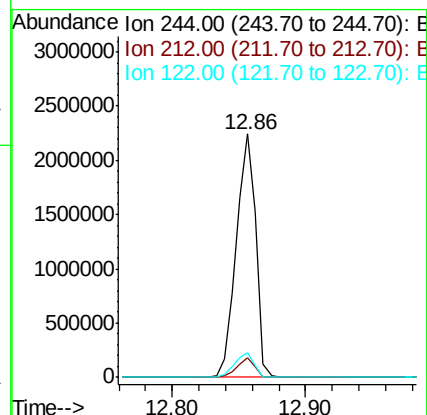
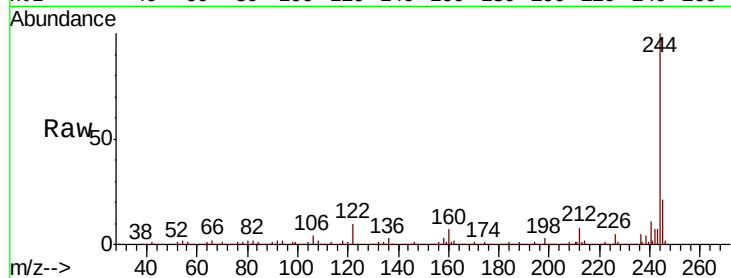
Tot Ion:244 Resp: 2308901

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 10.3 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119025.D

Acq: 24 Feb 2020 16:08

Tgt Ion:264 Resp: 371481

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.7 17.3 25.9

