

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119385.D
 Acq On : 12 Mar 2020 17:36
 Operator : CG/JU
 Sample : PB127488BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BL

Quant Time: Mar 13 02:36:48 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	120005	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	472082	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	264229	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	521206	20.00	ng	0.00
76) Chrysene-d12	13.90	240	401460	20.00	ng	0.01
87) Perylene-d12	15.33	264	353310	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	988109	137.60	ng	0.00
7) Phenol-d6	6.38	99	1191208	136.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	786992	88.02	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	436231	126.20	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1564338	87.22	ng	0.00
79) Terphenyl-d14	12.83	244	2043216	87.62	ng	0.00

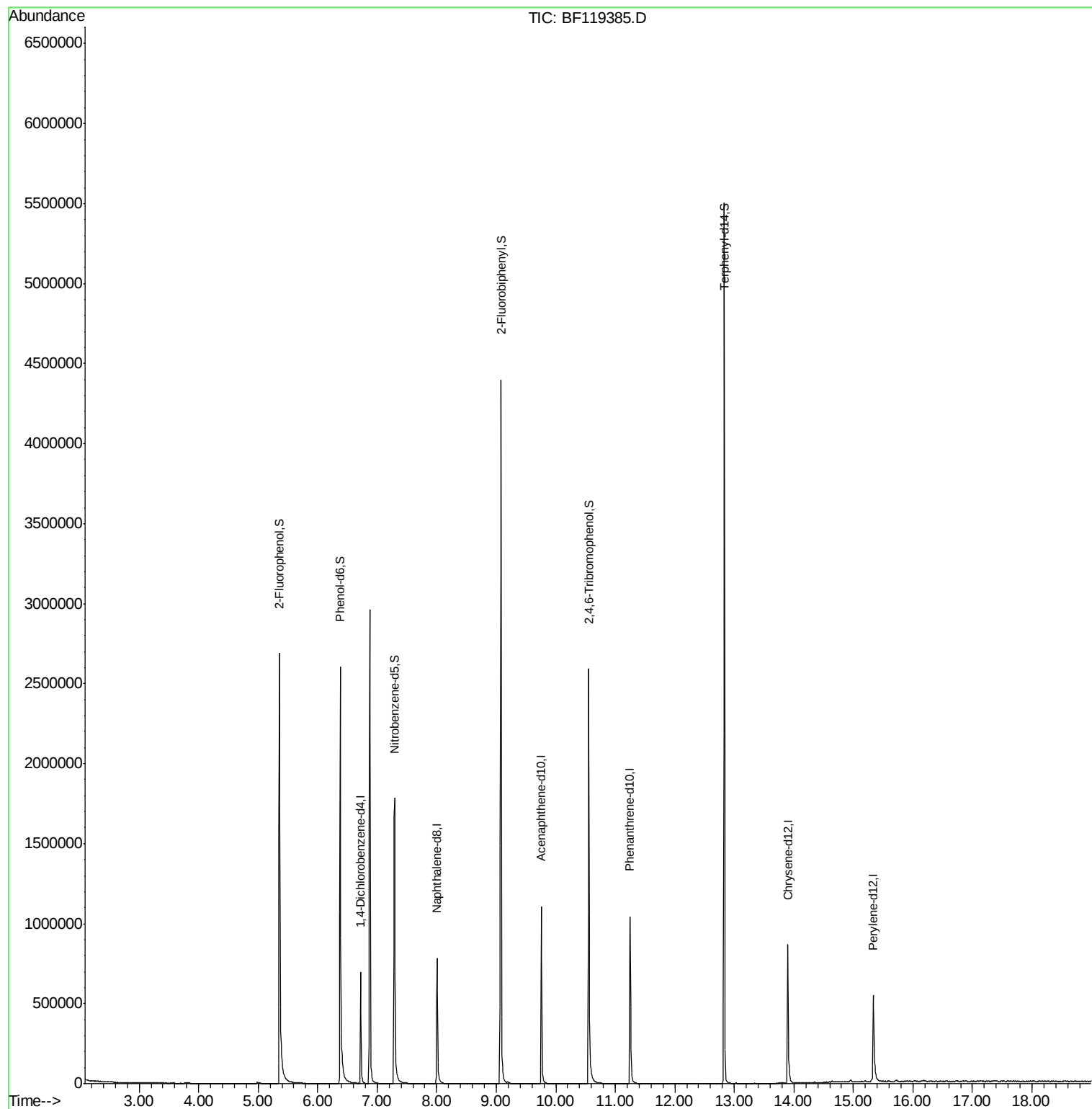
Target Compounds Qvalue

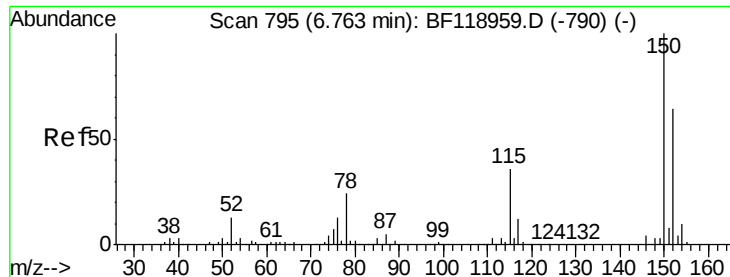
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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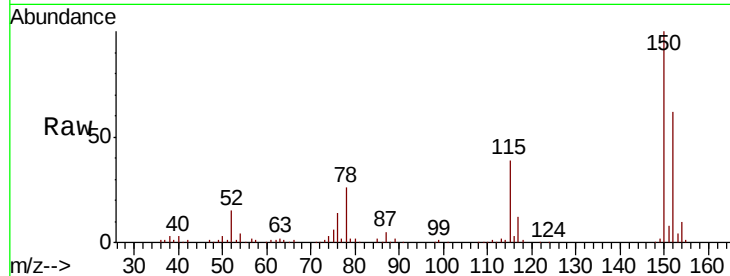


#1

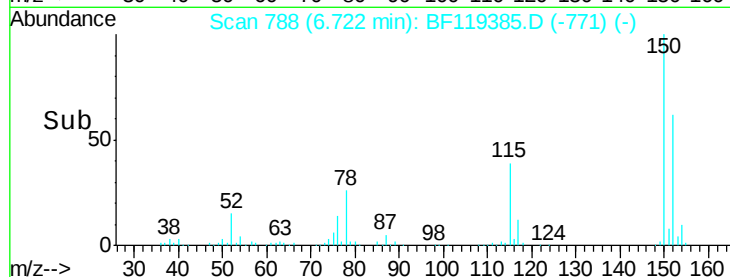
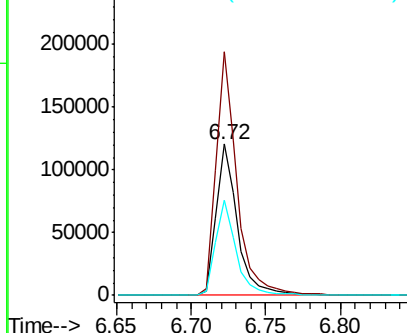
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Instrument :
BNA_F
ClientSampleId :
PB127488BL

Tot Ion:152 Resp: 120005
Ion Ratio Lower Upper
152 100
150 161.0 123.0 184.6
115 62.8 49.5 74.3



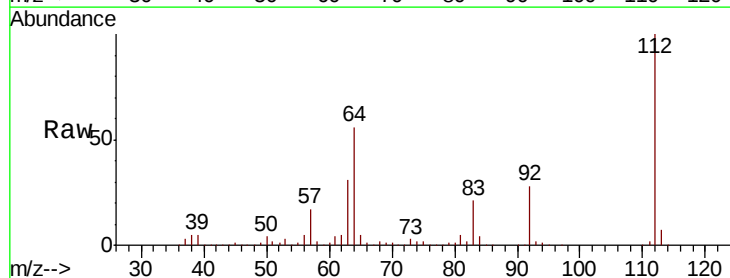
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



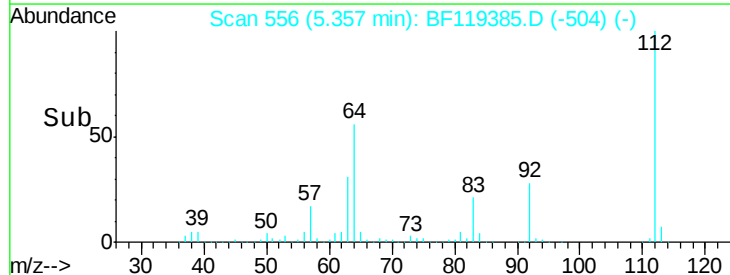
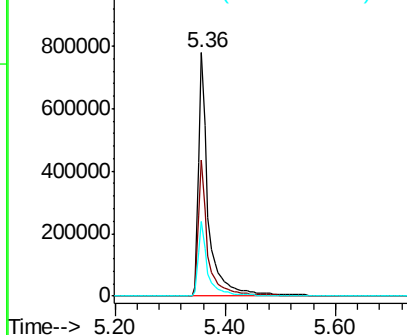
#5

2-Fluorophenol
Concen: 137.603 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion:112 Resp: 988109
Ion Ratio Lower Upper
112 100
64 56.0 45.0 67.4
63 30.6 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: 136.399 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

PB127488BL

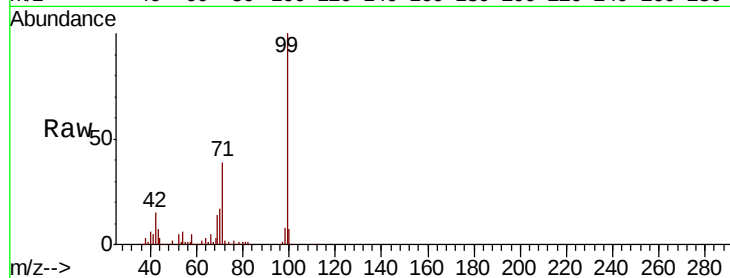
Tot Ion: 99 Resp: 1191208

Ion Ratio Lower Upper

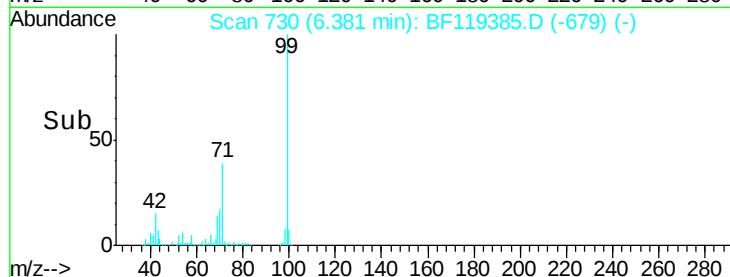
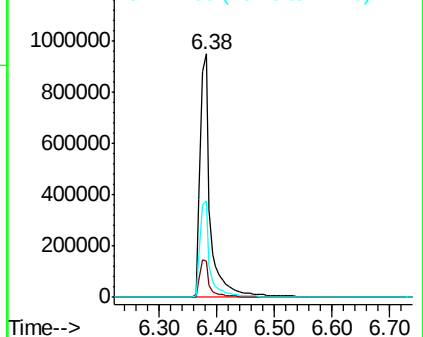
99 100

42 14.9 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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Tgt Ion: 136 Resp: 472082

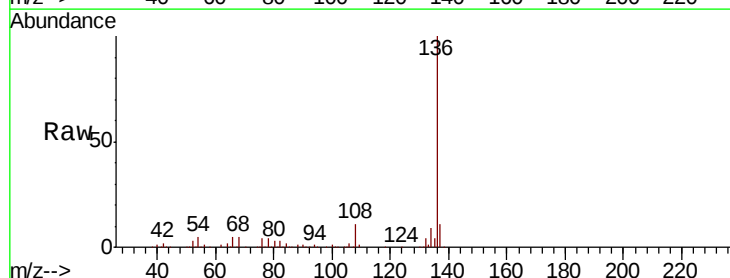
Ion Ratio Lower Upper

136 100

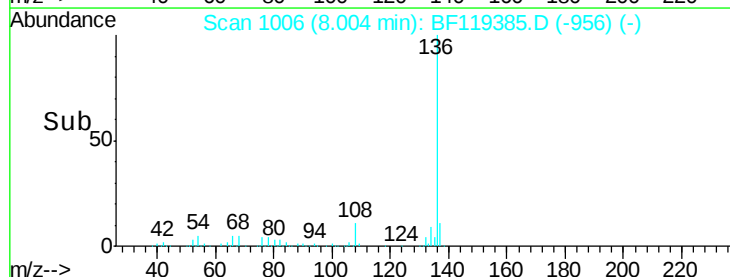
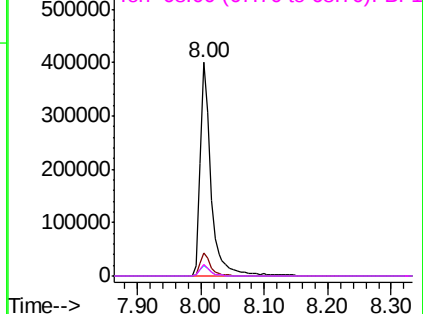
137 10.8 8.8 13.2

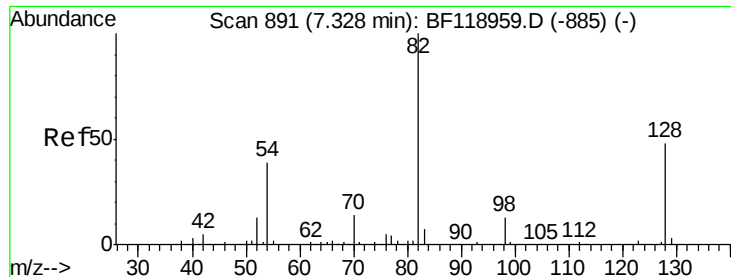
54 5.1 3.8 5.6

68 5.3 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

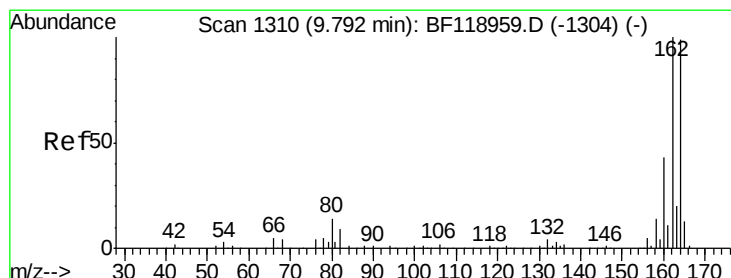
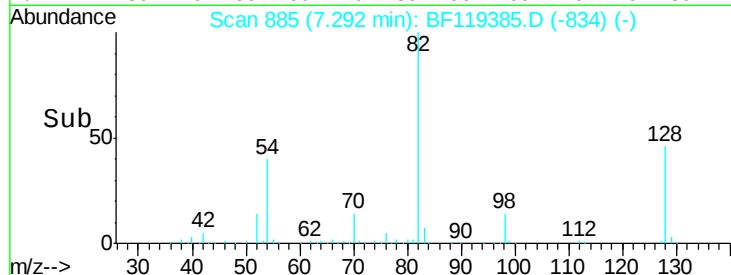
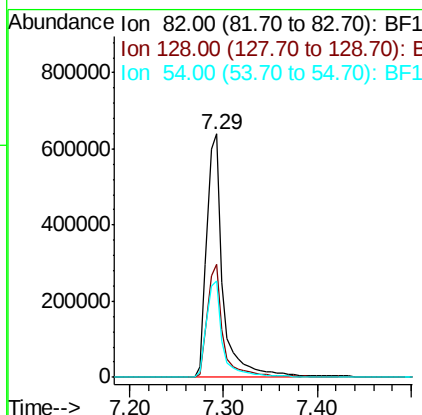
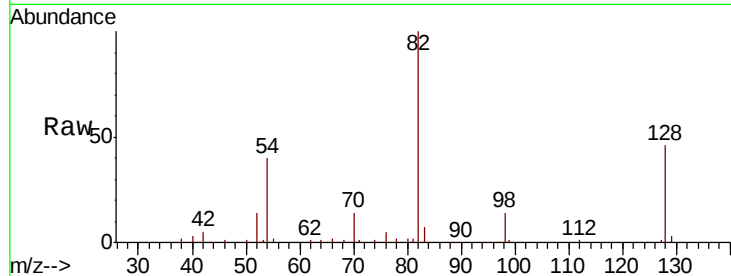




#23
 Nitrobenzene-d5
 Concen: 88.021 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119385.D
 Acq: 12 Mar 2020 17:36

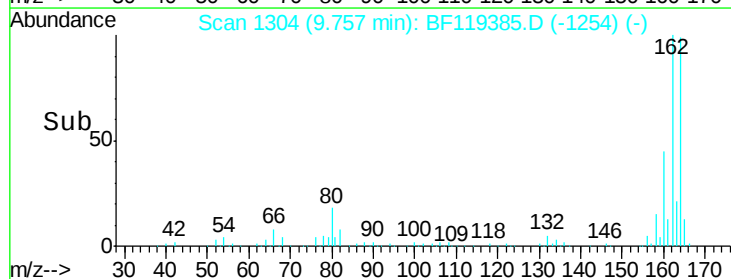
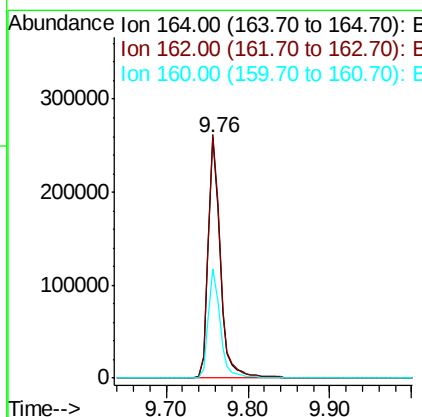
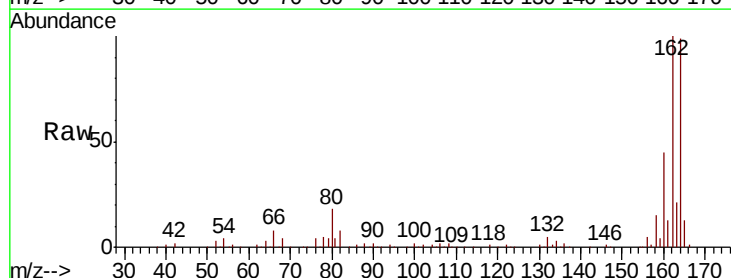
Instrument :
 BNA_F
 ClientSampleId :
 PB127488BL

Tot Ion: 82 Resp: 786992
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.9 56.9
 54 39.7 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119385.D
 Acq: 12 Mar 2020 17:36

Tgt Ion: 164 Resp: 264229
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.8 122.8
 160 45.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 126.204 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

PB127488BL

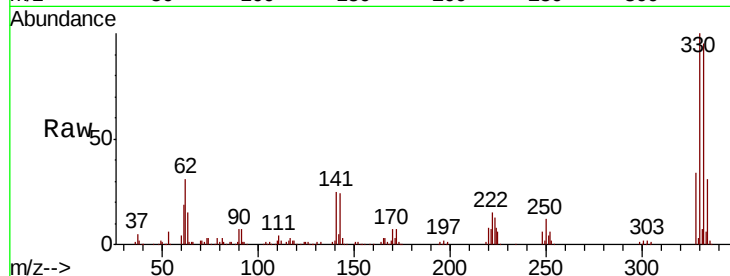
Tot Ion:330 Resp: 436231

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

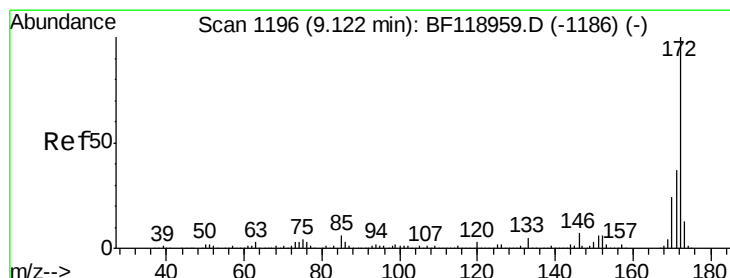
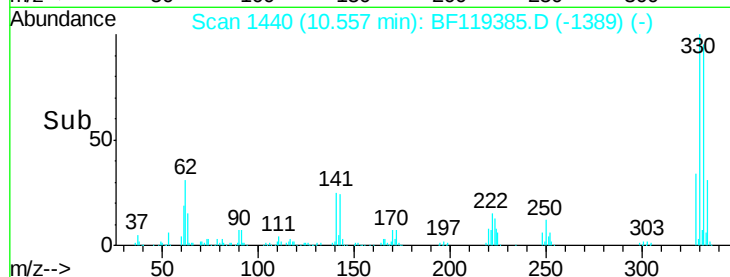
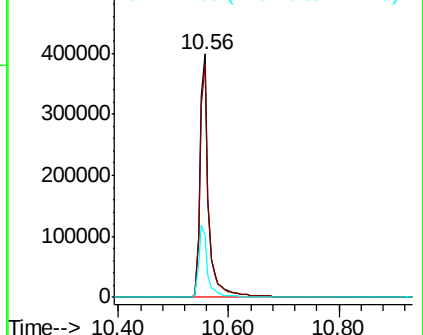
141 30.7 22.9 34.3



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: 87.218 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

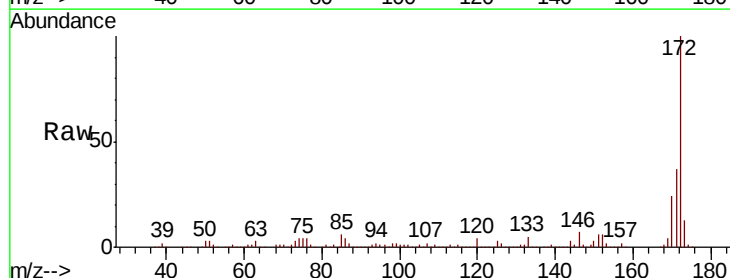
Tgt Ion:172 Resp: 1564338

Ion Ratio Lower Upper

172 100

171 36.6 30.6 45.8

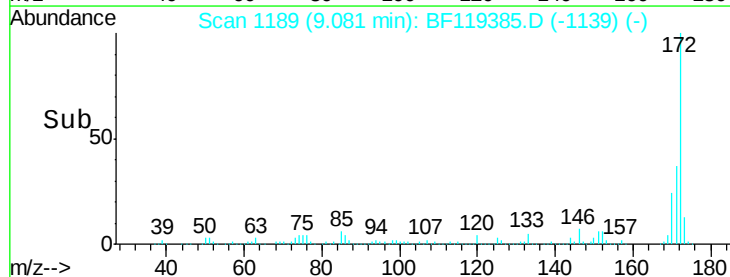
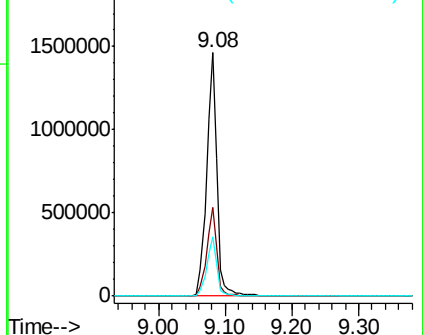
170 24.3 20.2 30.2

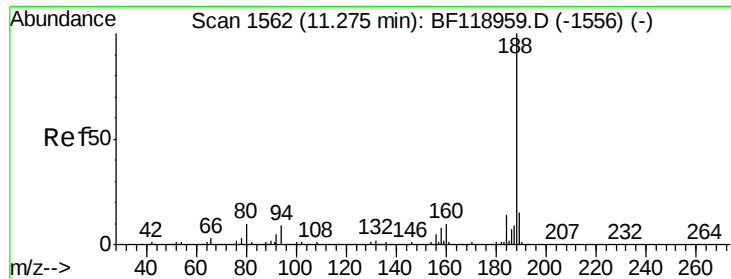


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

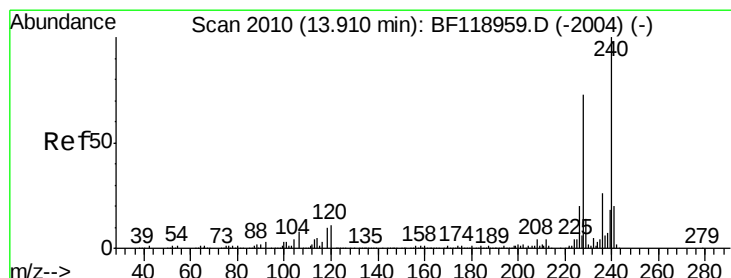
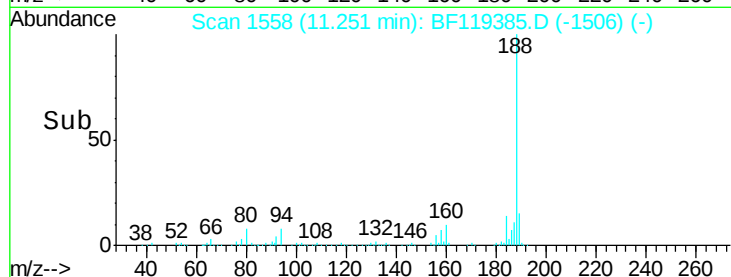
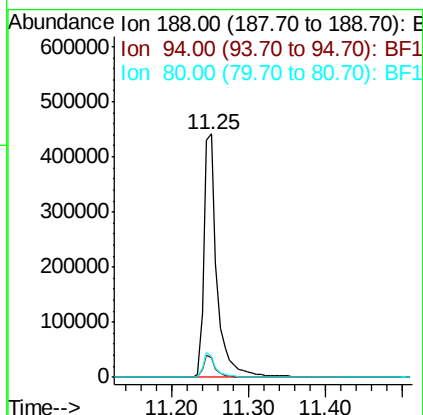
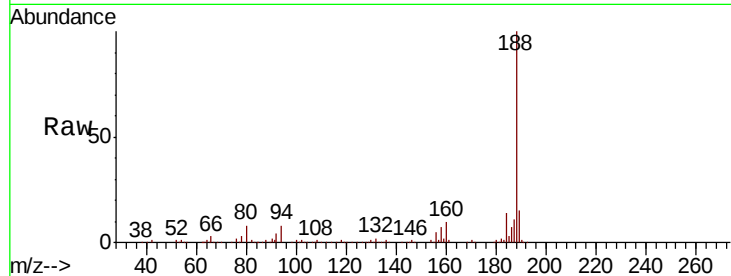




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

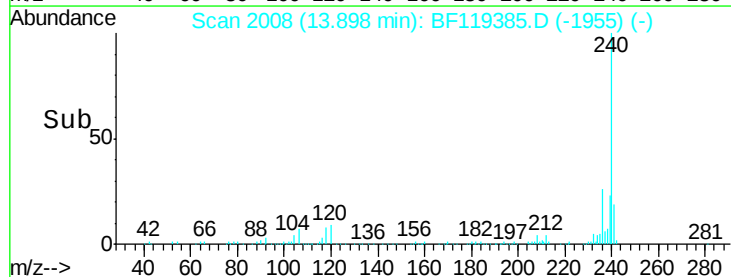
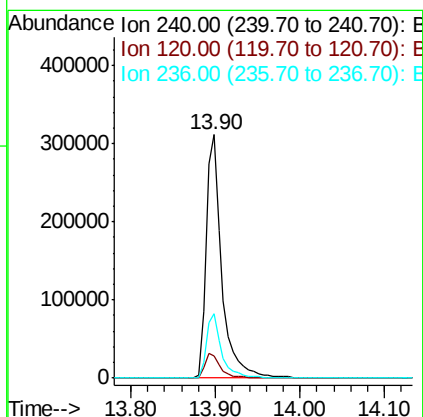
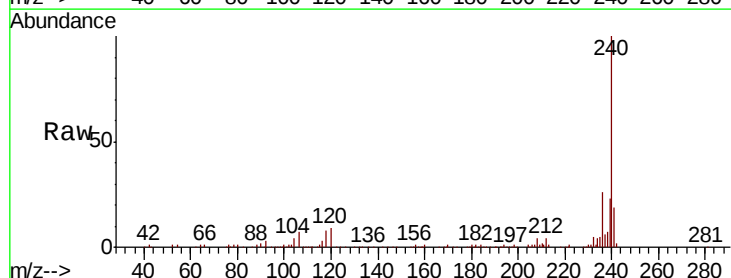
Instrument :
BNA_F
ClientSampleId :
PB127488BL

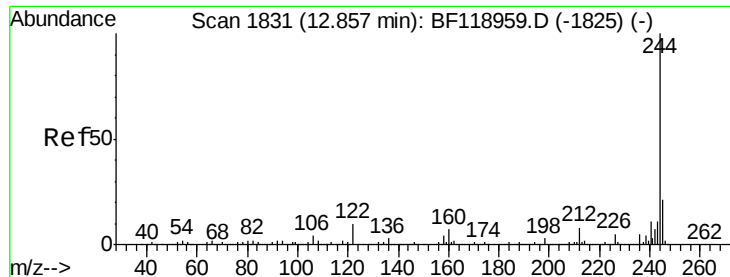
Tot Ion:188 Resp: 521206
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119385.D
Acq: 12 Mar 2020 17:36

Tgt Ion:240 Resp: 401460
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 87.624 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

Instrument :

BNA_F

ClientSampleId :

PB127488BL

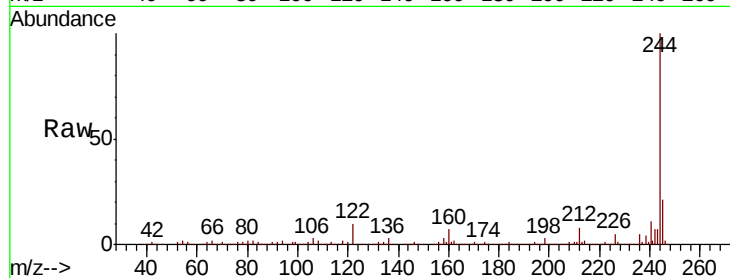
Tot Ion:244 Resp: 2043216

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

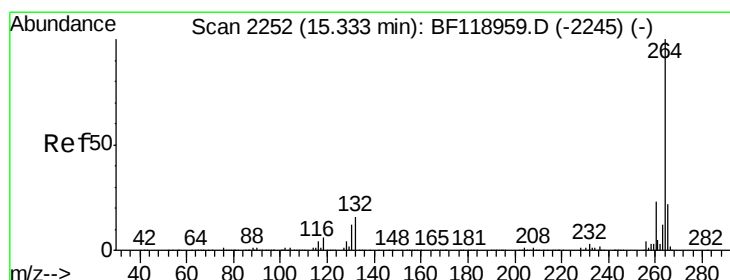
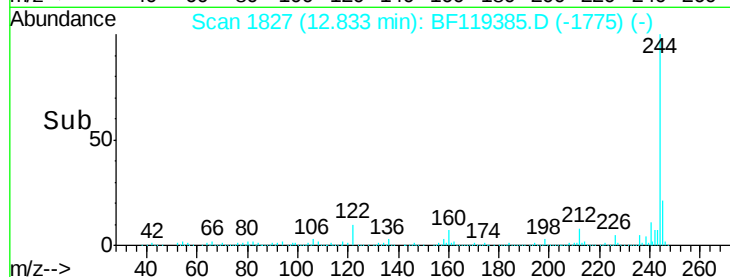
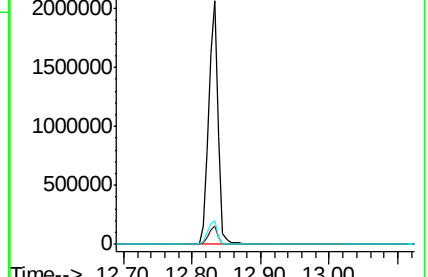
122 9.6 8.2 12.2



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: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119385.D

Acq: 12 Mar 2020 17:36

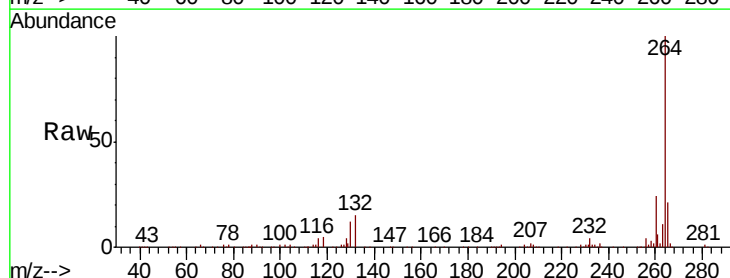
Tgt Ion:264 Resp: 353310

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.4 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

