

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115098.D
 Acq On : 22 Jun 2019 00:30
 Operator : HP/JU
 Sample : PB120612BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BL

Quant Time: Jun 22 05:25:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	247673	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	964559	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	479685	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	962746	20.00	ng	0.00
76) Chrysene-d12	13.74	240	771049	20.00	ng	-0.01
87) Perylene-d12	15.10	264	790177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1648971	102.74	ng	0.01
7) Phenol-d6	6.25	99	2016778	103.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1206980	76.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	541606	107.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2298638	81.40	ng	-0.01
79) Terphenyl-d14	12.71	244	2572726	70.94	ng	0.00

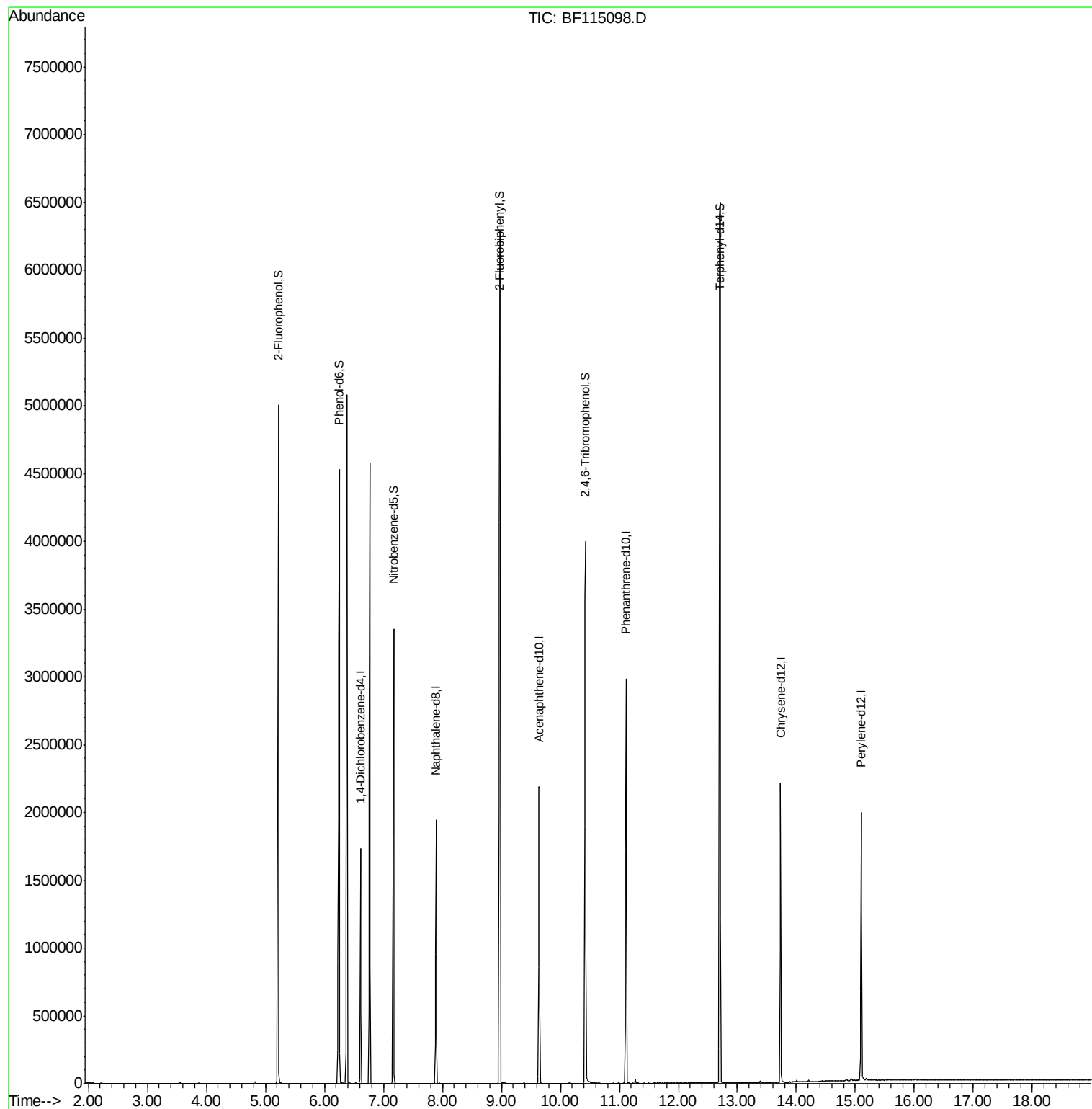
Target Compounds Qvalue

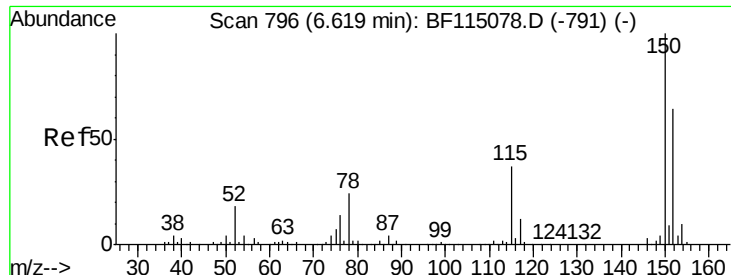
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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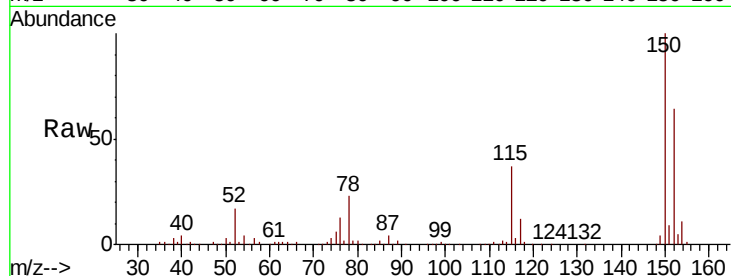


#1

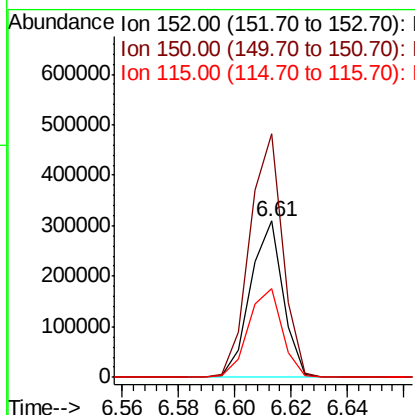
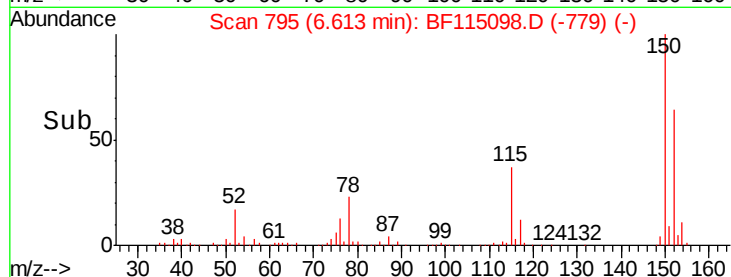
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Instrument :
BNA_F
ClientSampleId :
PB120612BL

Tot Ion:152 Resp: 247673
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 57.1 46.1 69.1



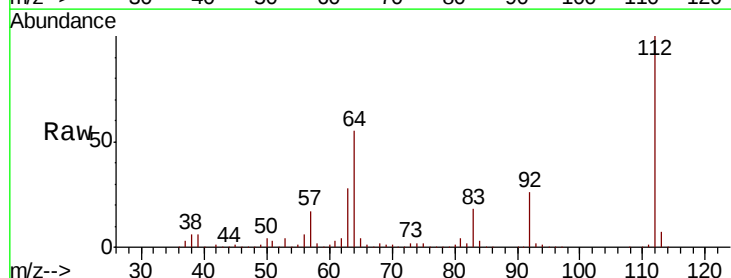
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



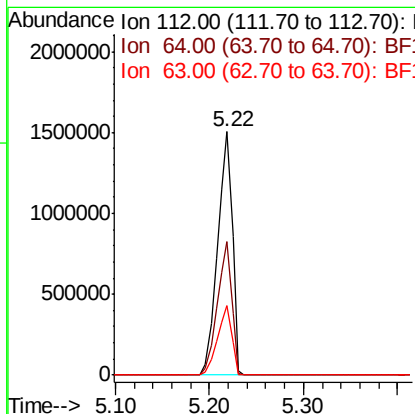
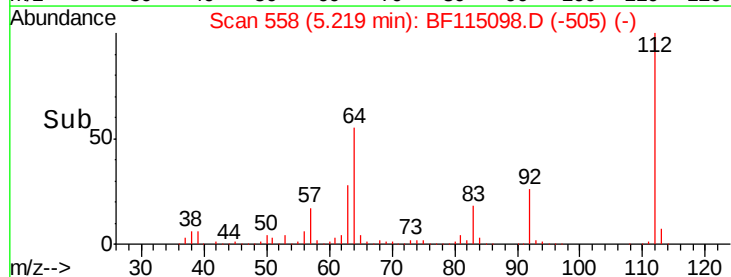
#5

2-Fluorophenol
Concen: 102.742 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115098.D
Acq: 22 Jun 2019 00:30

Tgt Ion:112 Resp: 1648971
Ion Ratio Lower Upper
112 100
64 55.0 43.8 65.6
63 28.4 22.2 33.4



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: 103.529 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

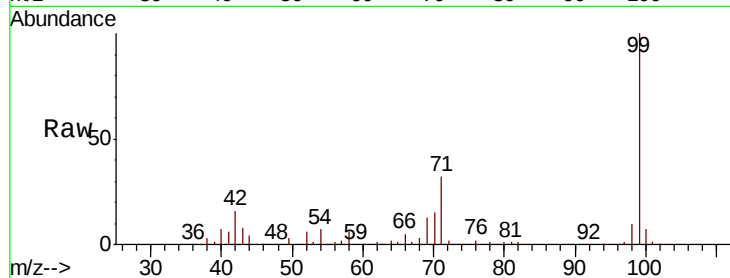
Tot Ion: 99 Resp: 2016778

Ion Ratio Lower Upper

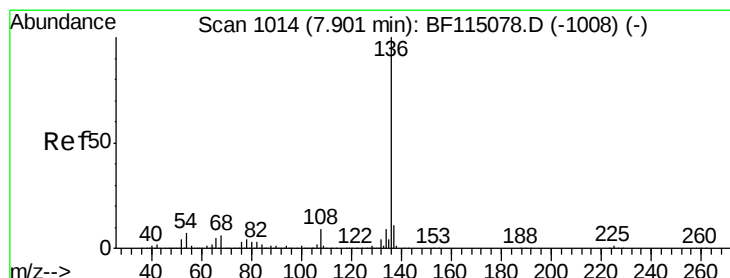
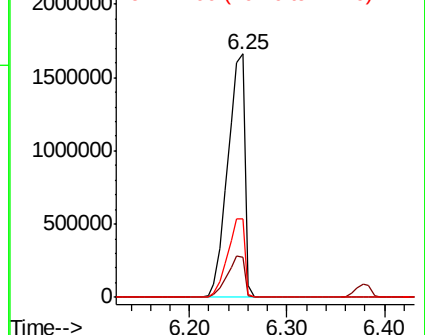
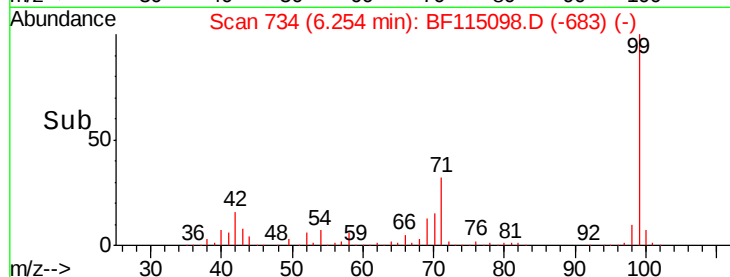
99 100

42 16.3 13.6 20.4

71 32.1 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Tgt Ion: 136 Resp: 964559

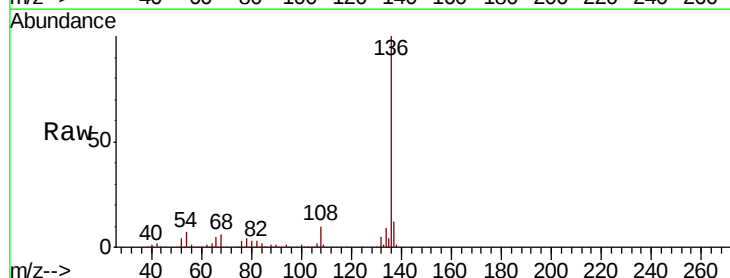
Ion Ratio Lower Upper

136 100

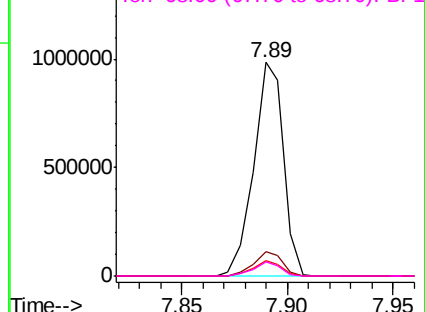
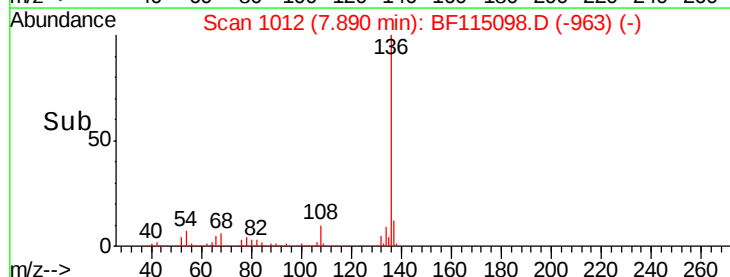
137 11.7 8.9 13.3

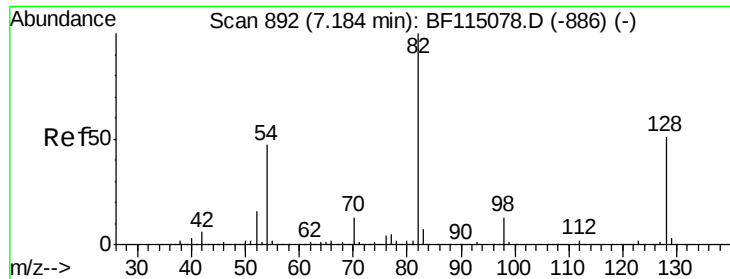
54 7.3 5.6 8.4

68 6.4 4.8 7.2



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

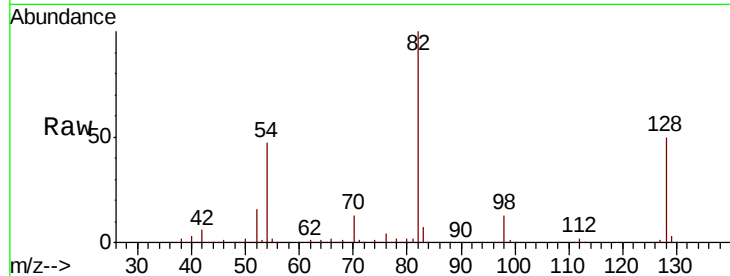




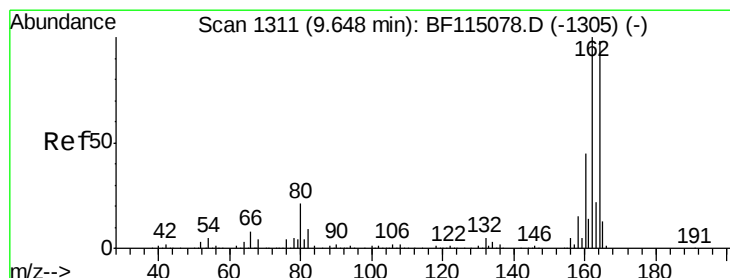
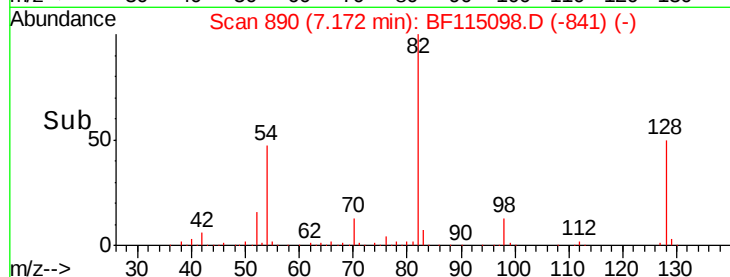
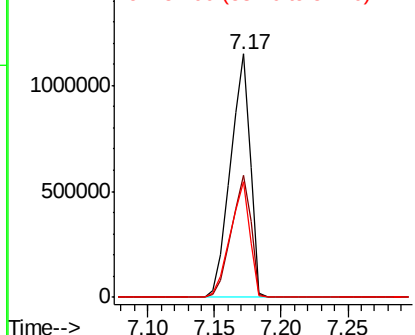
#23
 Nitrobenzene-d5
 Concen: 76.976 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

Instrument :
 BNA_F
 ClientSampleId :
 PB120612BL

Tot Ion: 82 Resp: 1206980
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.4 60.6
 54 47.3 37.5 56.3

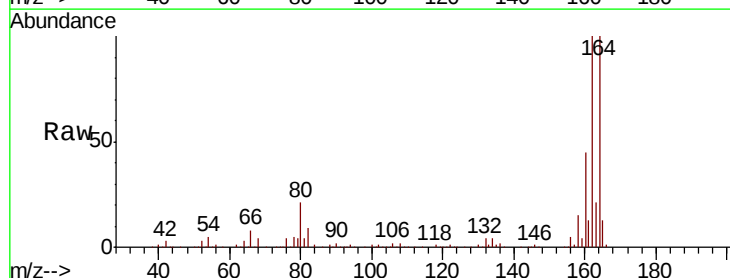


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

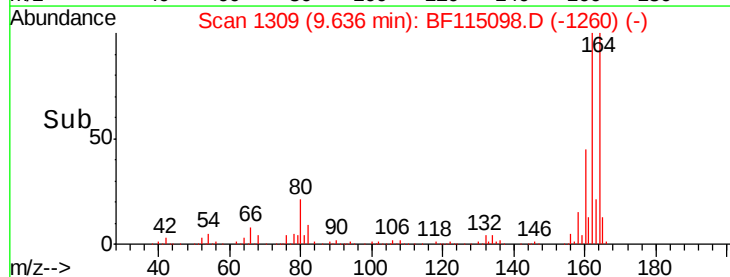
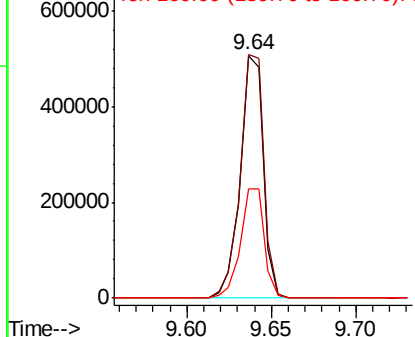


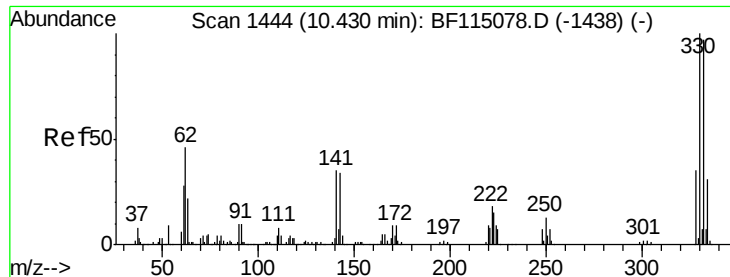
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115098.D
 Acq: 22 Jun 2019 00:30

Tgt Ion:164 Resp: 479685
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.7 122.5
 160 45.0 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.070 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

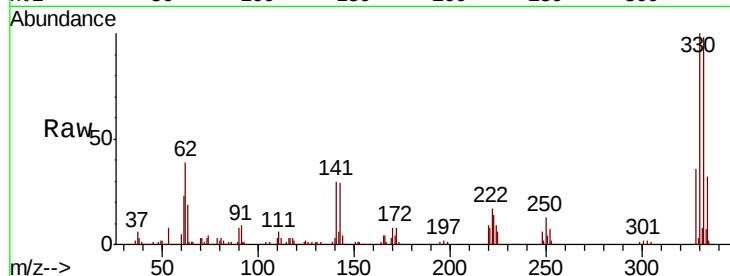
Tot Ion:330 Resp: 541606

Ion Ratio Lower Upper

330 100

332 95.6 77.3 115.9

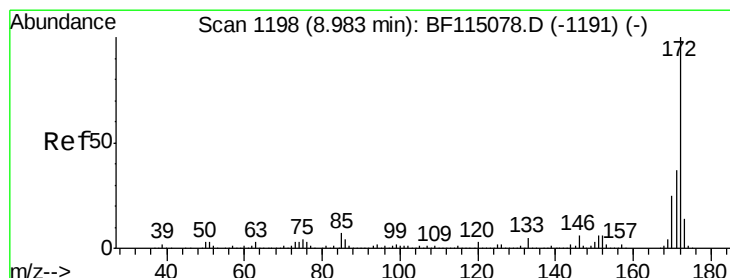
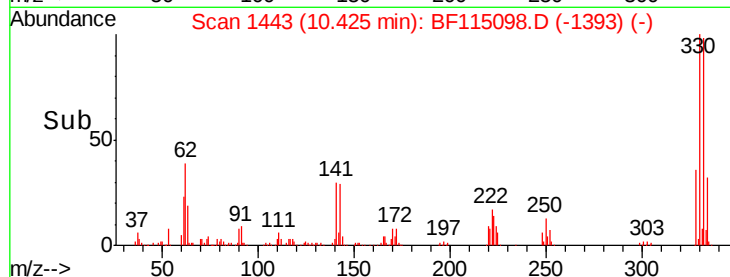
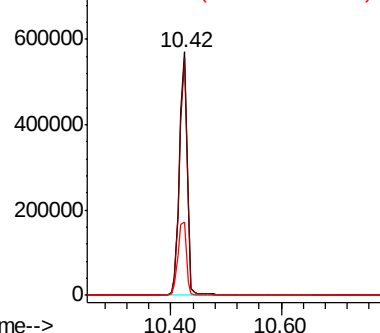
141 33.6 28.2 42.2



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: 81.398 ng

RT: 8.97 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

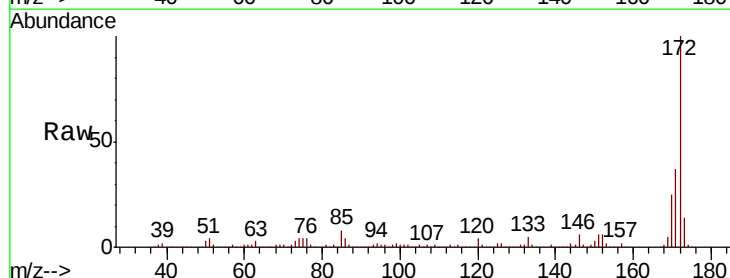
Tgt Ion:172 Resp: 2298638

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

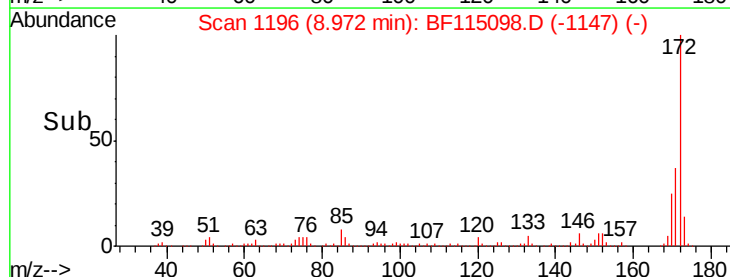
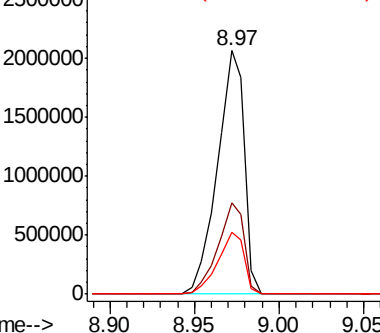
170 25.3 20.3 30.5

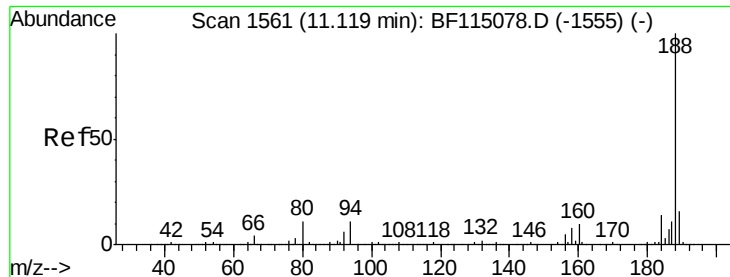


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.11 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

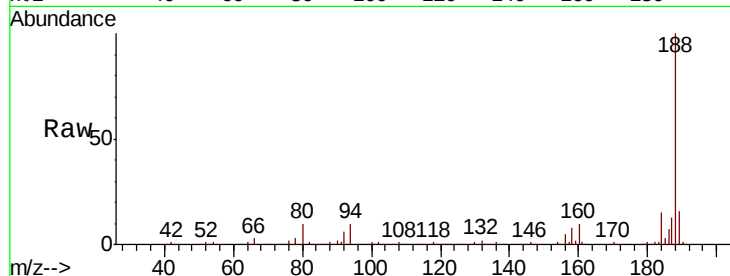
Tot Ion:188 Resp: 962746

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

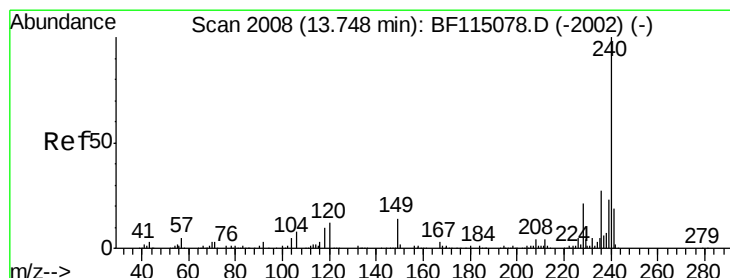
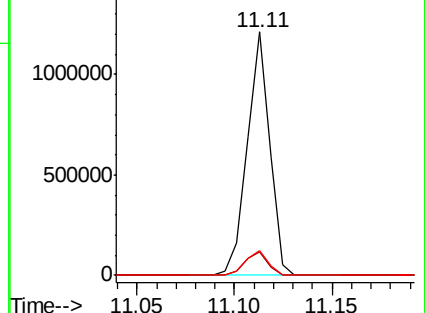
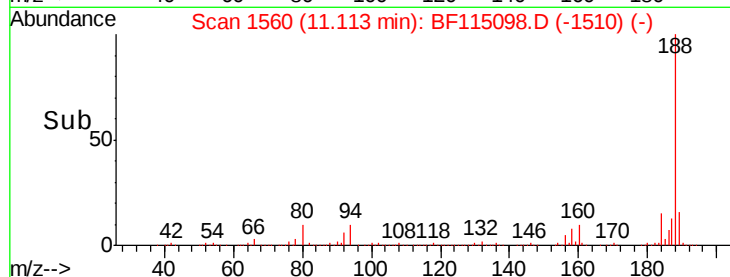
80 10.2 8.8 13.2



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: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

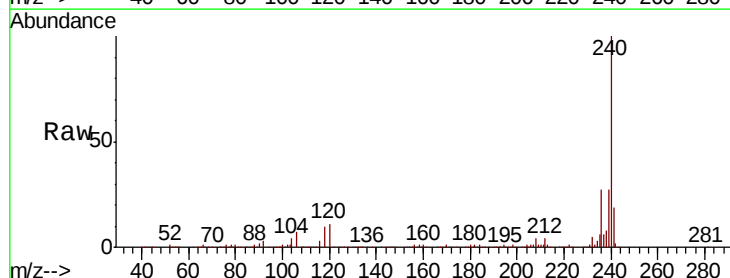
Tgt Ion:240 Resp: 771049

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

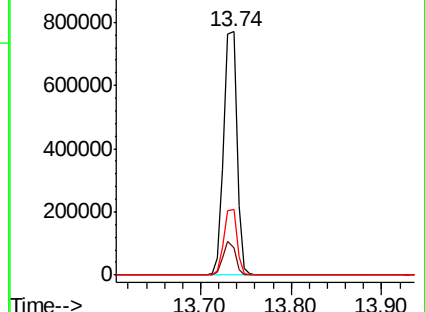
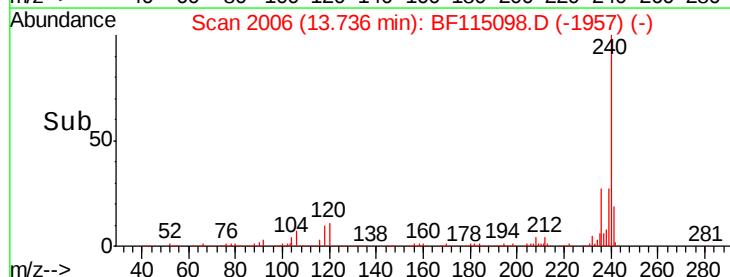
236 27.1 21.7 32.5

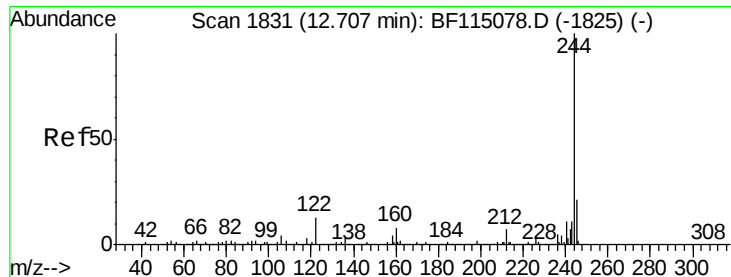


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.943 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

Instrument :

BNA_F

ClientSampleId :

PB120612BL

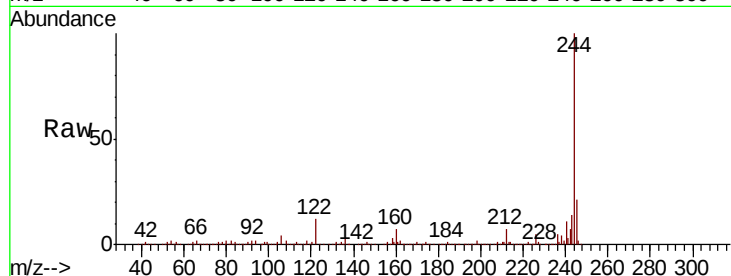
Tot Ion:244 Resp: 2572726

Ion Ratio Lower Upper

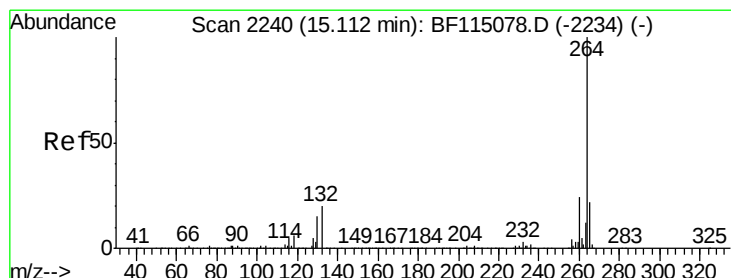
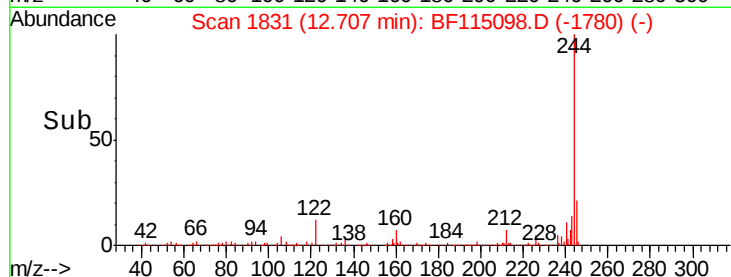
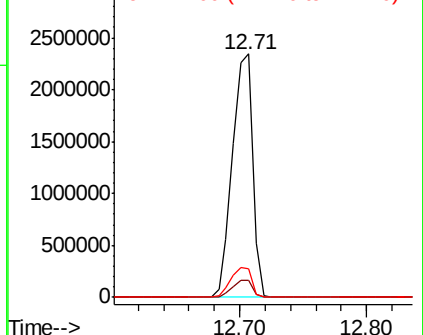
244 100

212 7.2 5.8 8.6

122 11.7 10.4 15.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115098.D

Acq: 22 Jun 2019 00:30

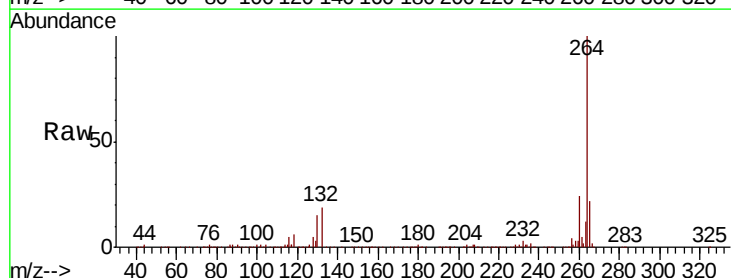
Tgt Ion:264 Resp: 790177

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.6 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

