

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115188.D
 Acq On : 25 Jun 2019 15:34
 Operator : HP/JU
 Sample : PB120785TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120785TB

Quant Time: Jun 26 06:55:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	288704	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1113142	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	567582	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1128991	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	877320	20.00	ng	-0.02
87) Perylene-d12	15.09	264	857683	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1816587	97.10	ng	0.01
7) Phenol-d6	6.25	99	2228920	98.16	ng	0.00
23) Nitrobenzene-d5	7.17	82	1378364	76.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	639009	106.76	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2642341	79.08	ng	-0.01
79) Terphenyl-d14	12.69	244	2945277	71.38	ng	-0.01

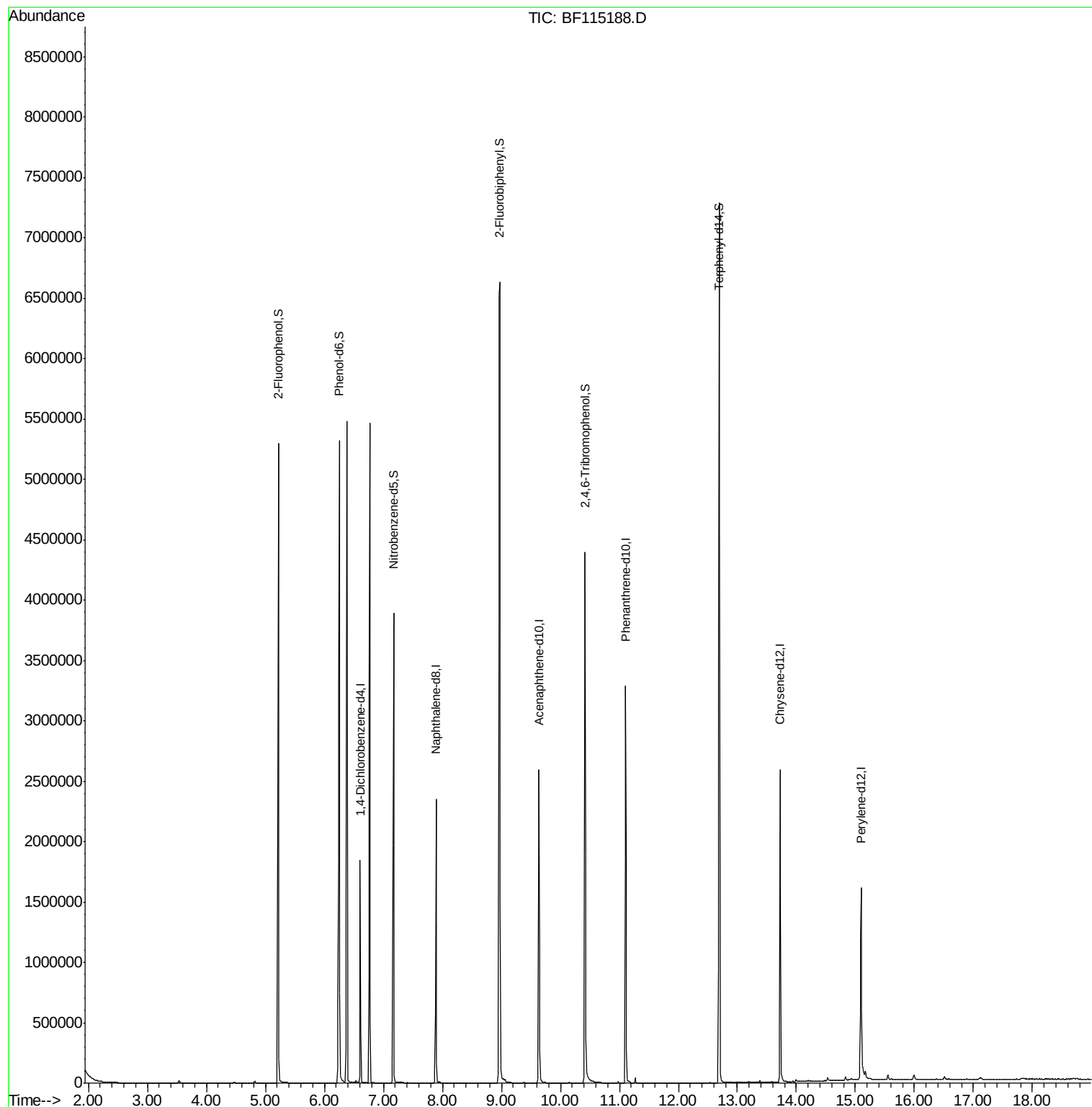
Target Compounds Qvalue

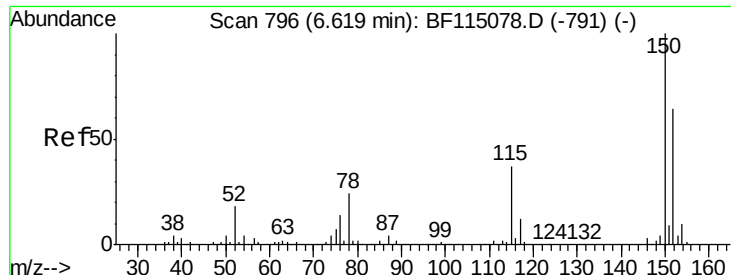
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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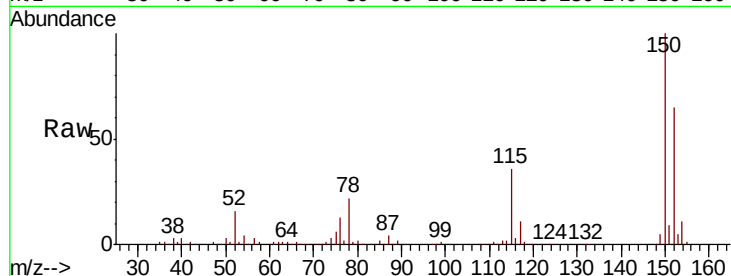


#1

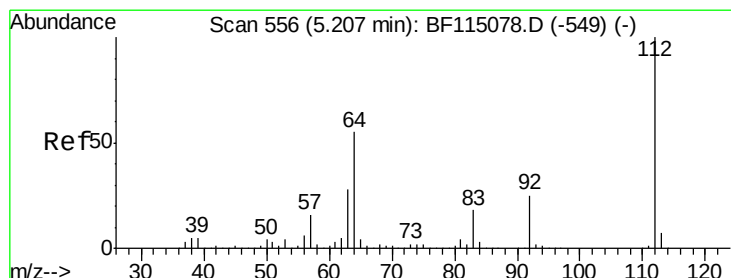
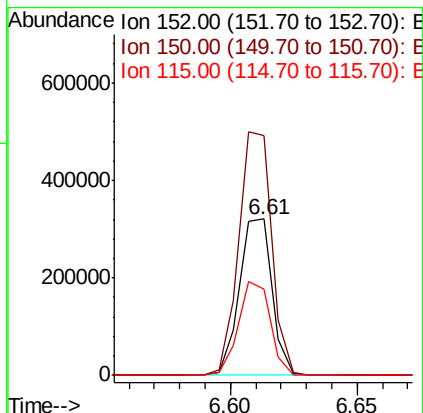
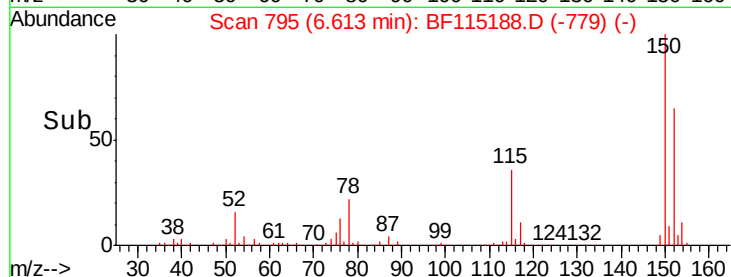
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Instrument :
BNA_F
ClientSampleId :
PB120785TB

Tot Ion:152 Resp: 288704
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 55.4 46.1 69.1



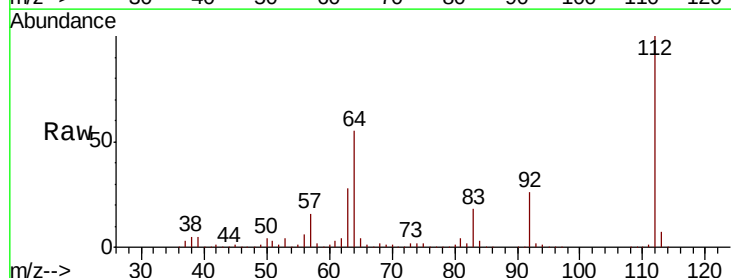
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



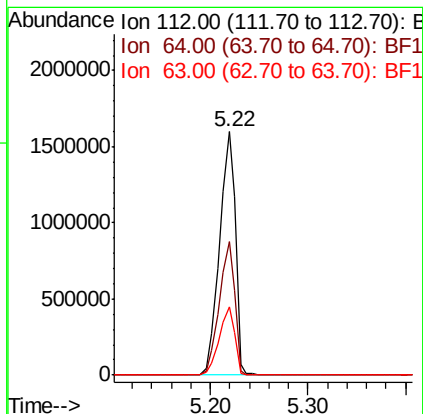
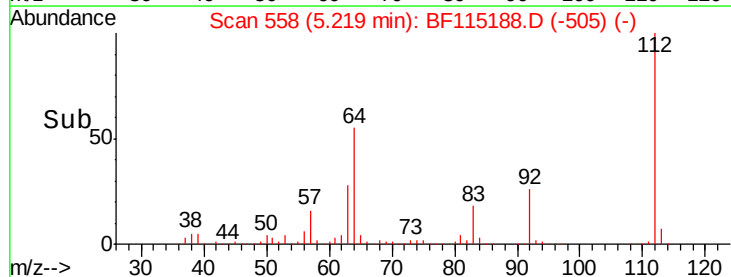
#5

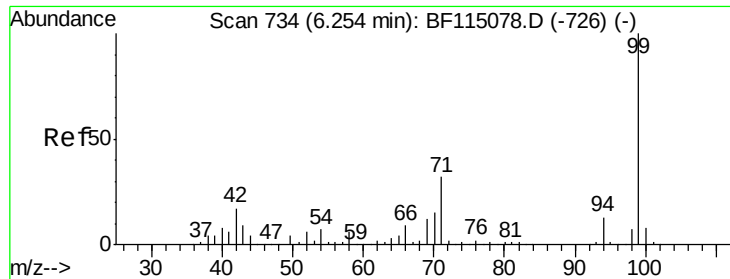
2-Fluorophenol
Concen: 97.099 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Tgt Ion:112 Resp: 1816587
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.6
63 28.2 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: 98.158 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

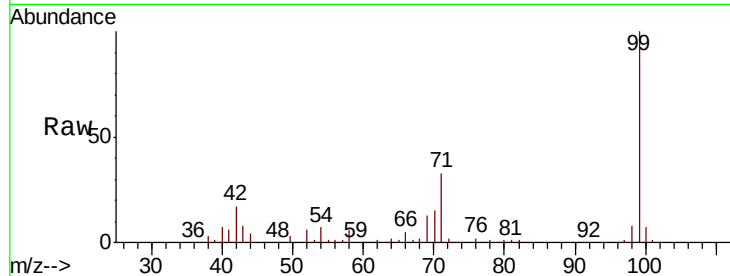
Tot Ion: 99 Resp: 2228920

Ion Ratio Lower Upper

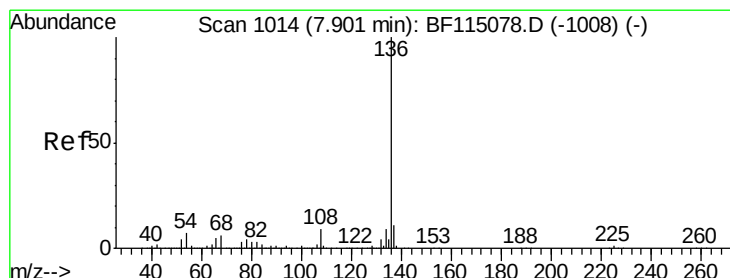
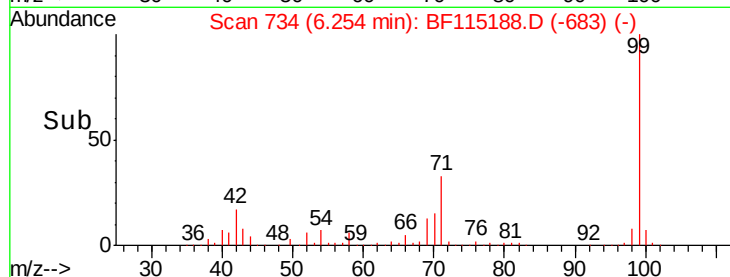
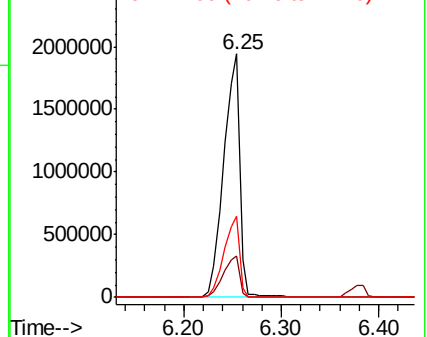
99 100

42 16.9 13.6 20.4

71 33.1 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: BF115188.D

Acq: 25 Jun 2019 15:34

Tgt Ion:136 Resp: 1113142

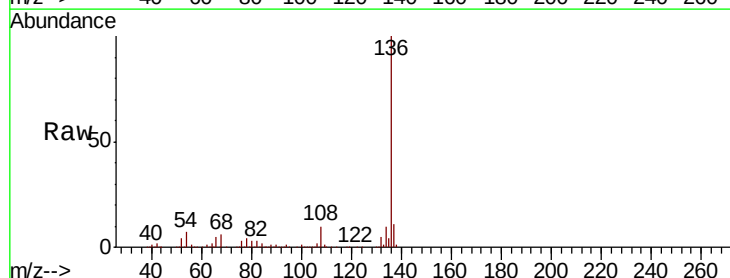
Ion Ratio Lower Upper

136 100

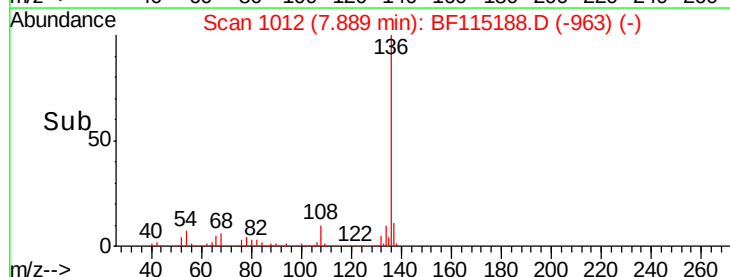
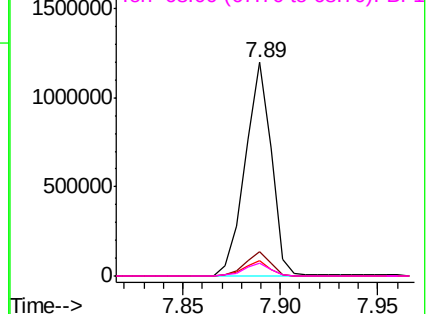
137 11.5 8.9 13.3

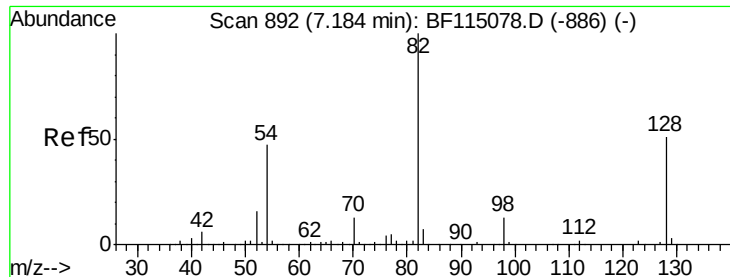
54 7.0 5.6 8.4

68 6.0 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

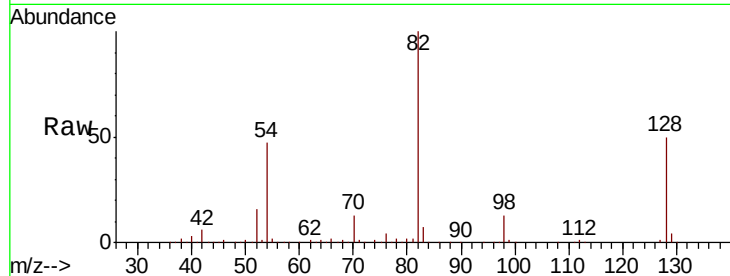




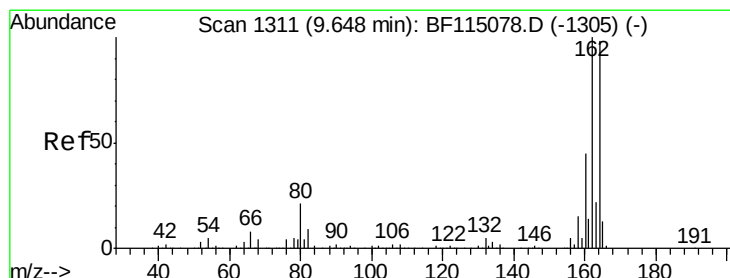
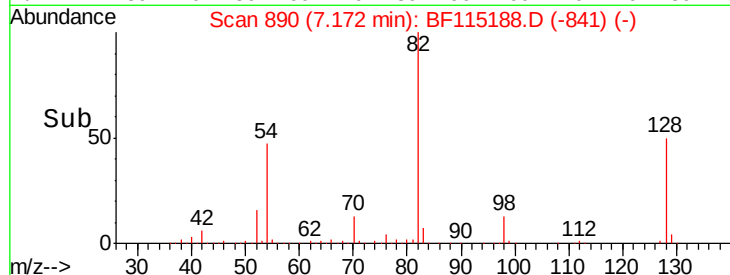
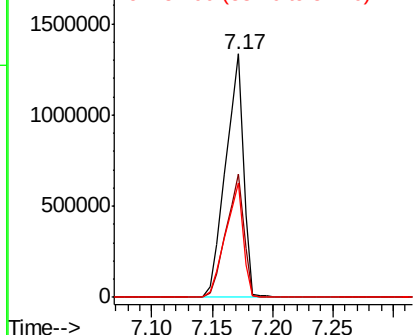
#23
Nitrobenzene-d5
Concen: 76.172 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Instrument :
BNA_F
ClientSampleId :
PB120785TB

Tot Ion: 82 Resp: 1378364
Ion Ratio Lower Upper
82 100
128 50.5 40.4 60.6
54 46.8 37.5 56.3

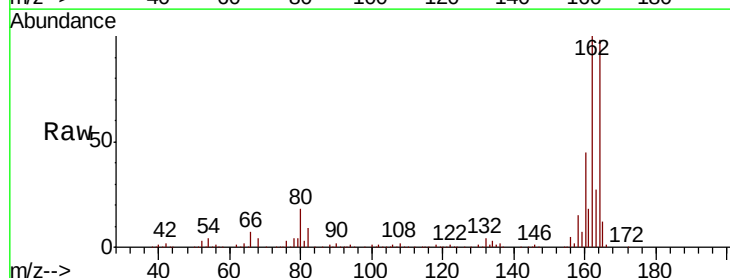


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

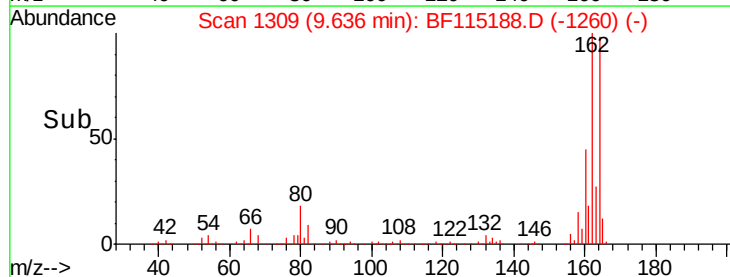
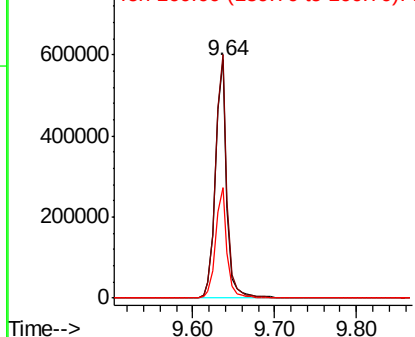


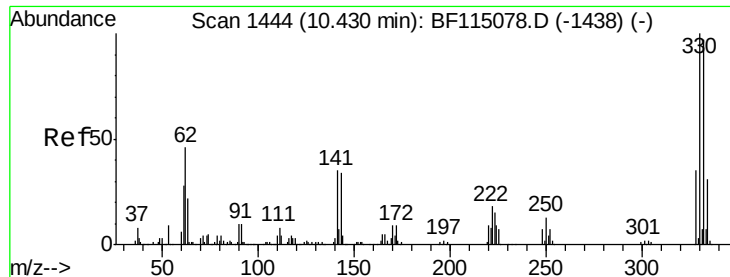
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115188.D
Acq: 25 Jun 2019 15:34

Tgt Ion:164 Resp: 567582
Ion Ratio Lower Upper
164 100
162 102.2 81.7 122.5
160 46.2 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

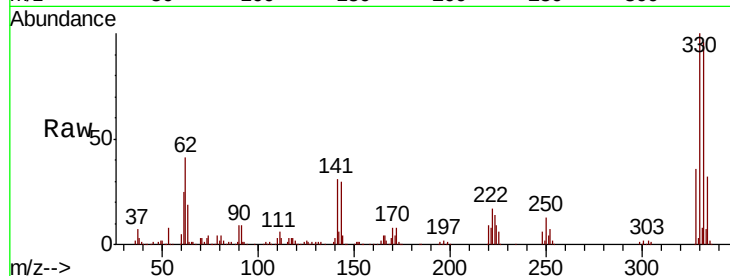




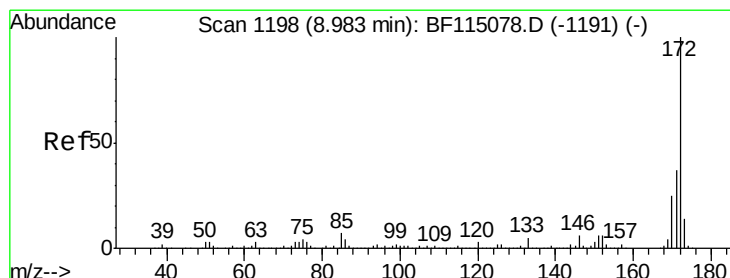
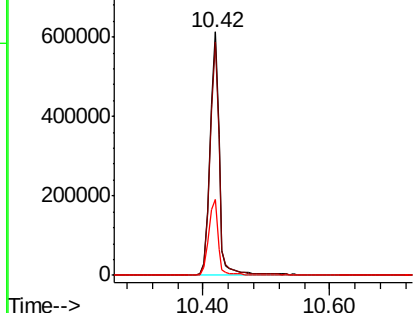
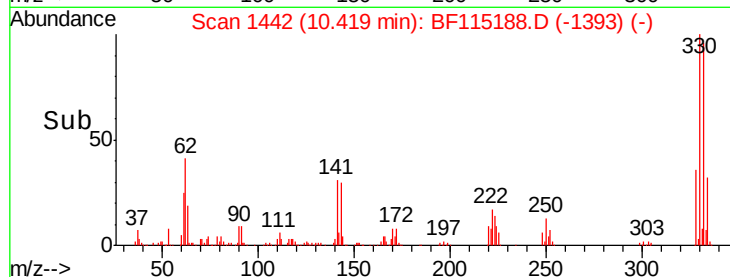
#42
 2,4,6-Tribromophenol
 Concen: 106.762 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120785TB

Tot Ion:330 Resp: 639009
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 32.7 28.2 42.2

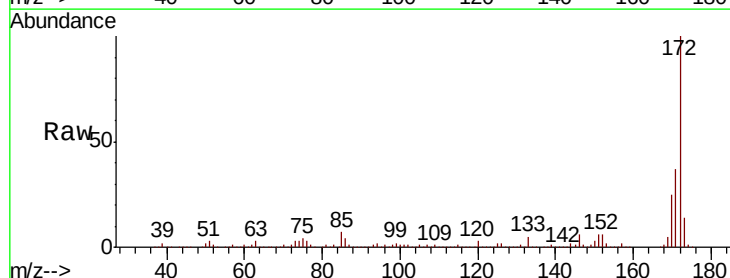


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

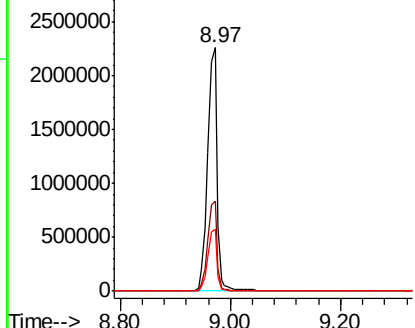
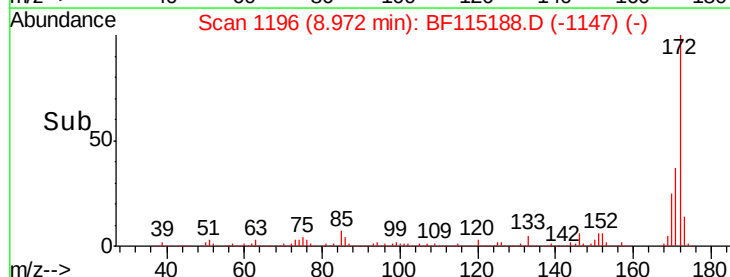


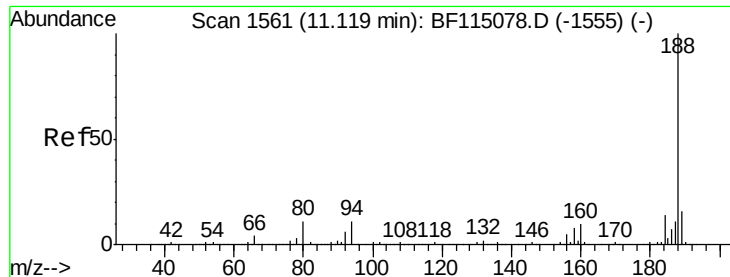
#45
 2-Fluorobiphenyl
 Concen: 79.078 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115188.D
 Acq: 25 Jun 2019 15:34

Tgt Ion:172 Resp: 2642341
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.4 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# 1559

Delta R.T. -0.01 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

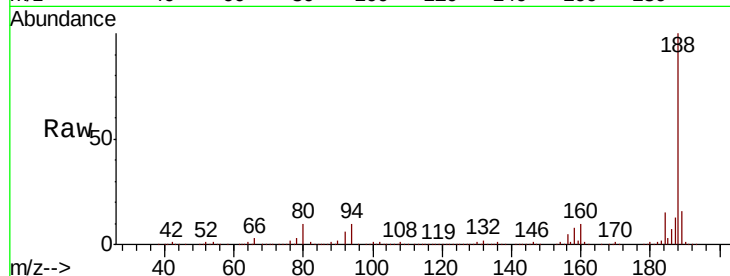
Tot Ion:188 Resp: 1128991

Ion Ratio Lower Upper

188 100

94 10.0 8.6 12.8

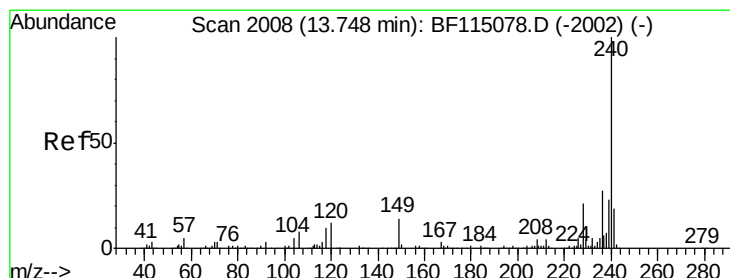
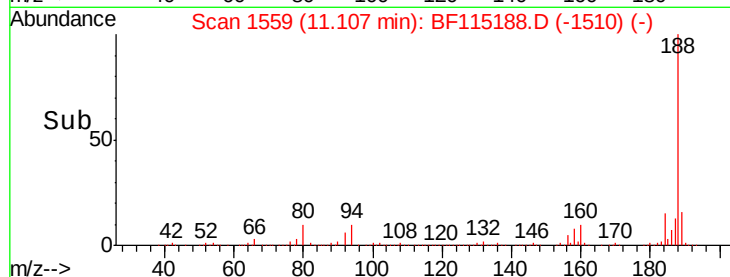
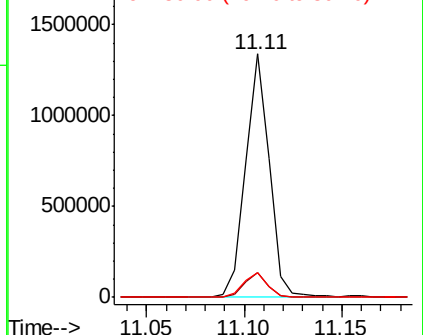
80 10.2 8.8 13.2



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: 13.72 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

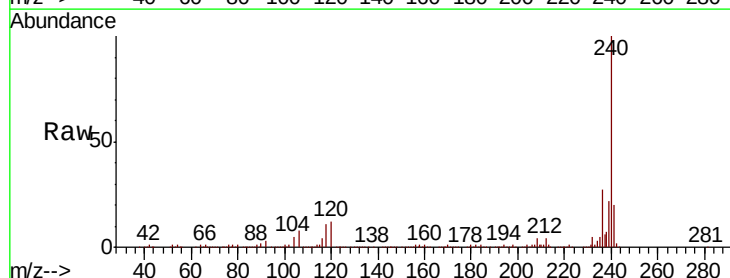
Tgt Ion:240 Resp: 877320

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

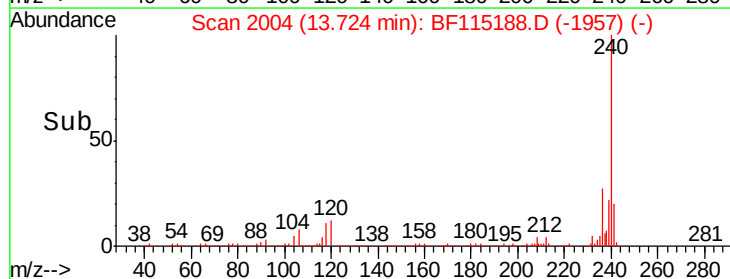
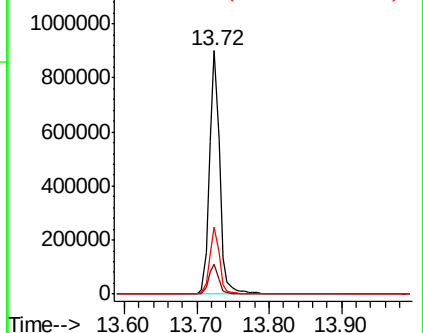
236 27.3 21.7 32.5

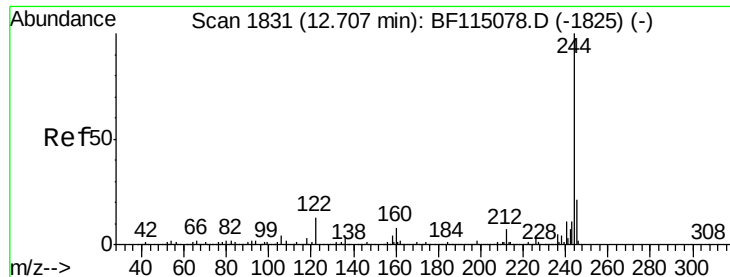


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.378 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB120785TB

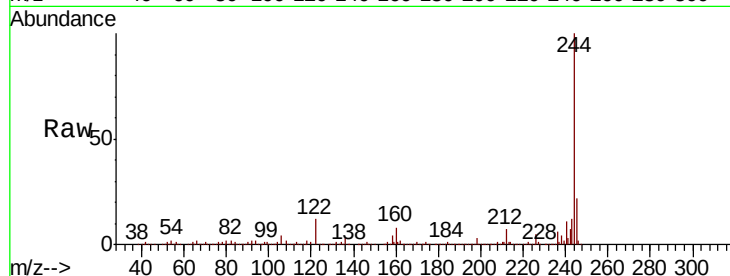
Tot Ion:244 Resp: 2945277

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

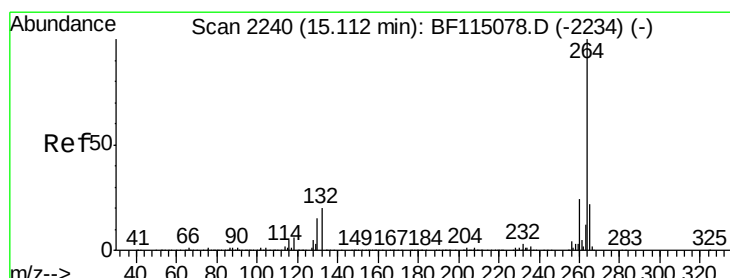
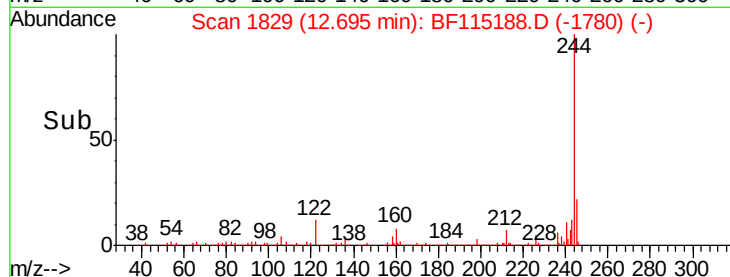
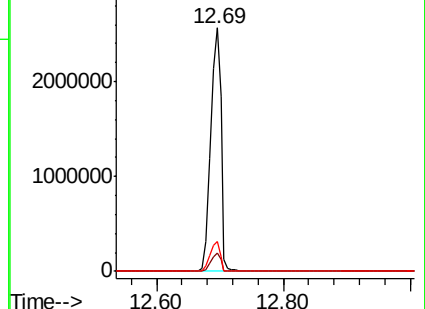
122 12.4 10.4 15.6



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: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115188.D

Acq: 25 Jun 2019 15:34

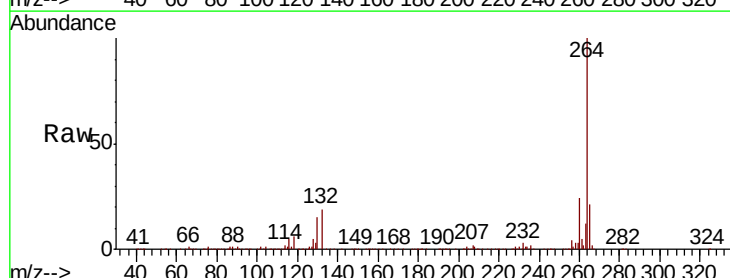
Tgt Ion:264 Resp: 857683

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.5 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

