

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115092.D
 Acq On : 21 Jun 2019 21:51
 Operator : HP/JU
 Sample : PB120707BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BL

Quant Time: Jun 22 05:16:49 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	257787	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	986991	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	487970	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	982093	20.00	ng	0.00
76) Chrysene-d12	13.74	240	814994	20.00	ng	-0.01
87) Perylene-d12	15.10	264	836489	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1899819	113.73	ng	0.01
7) Phenol-d6	6.25	99	2292685	113.07	ng	0.00
23) Nitrobenzene-d5	7.17	82	1396119	87.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	659118	128.09	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2522255	87.80	ng	0.00
79) Terphenyl-d14	12.71	244	2963357	77.31	ng	0.00

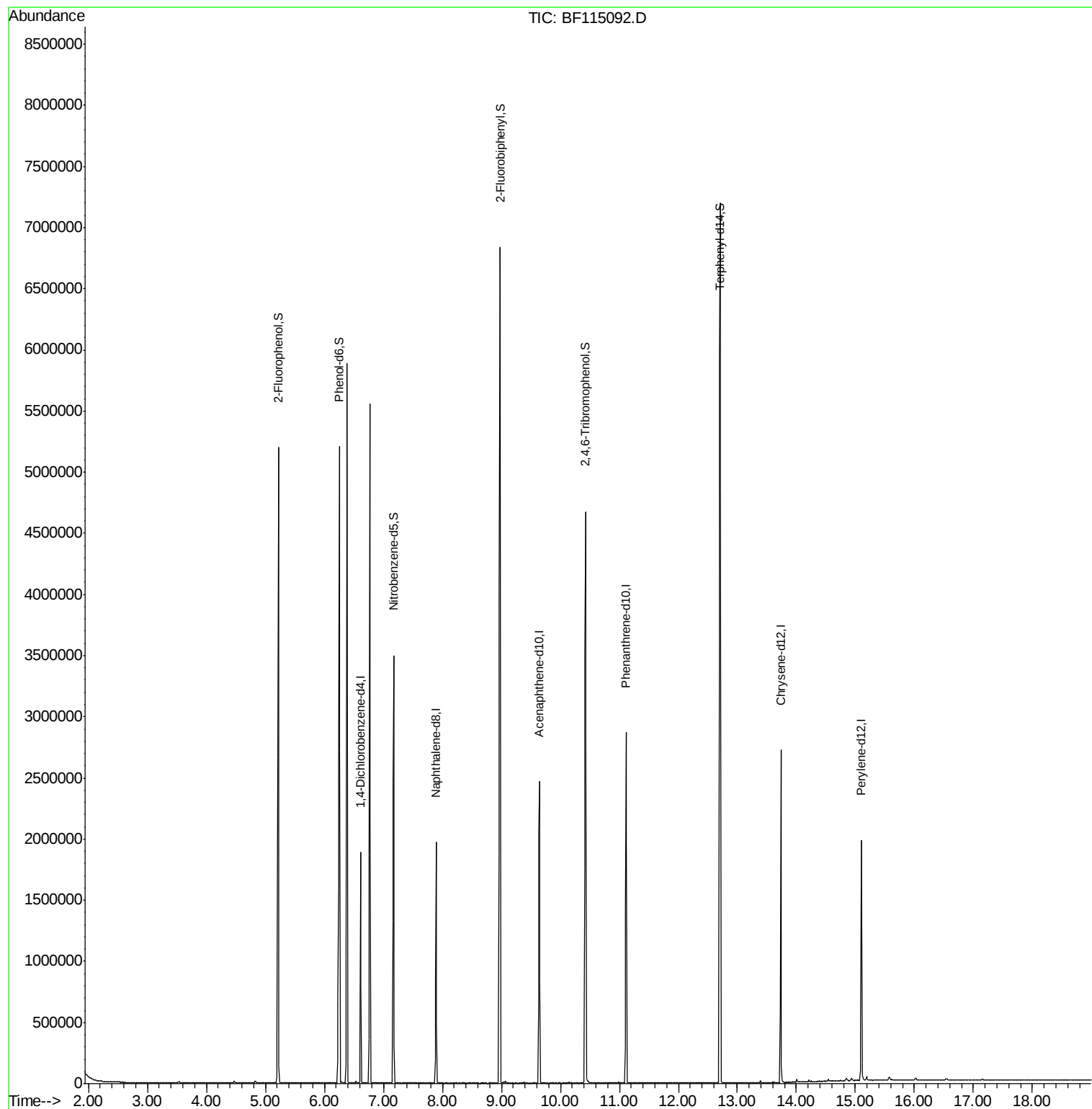
Target Compounds Qvalue

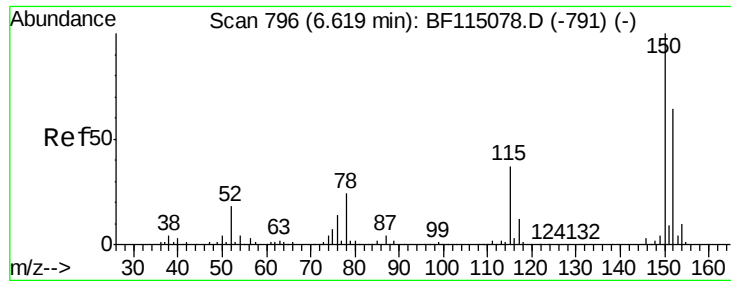
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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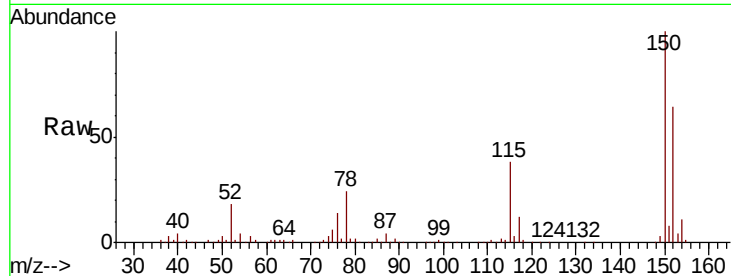


#1

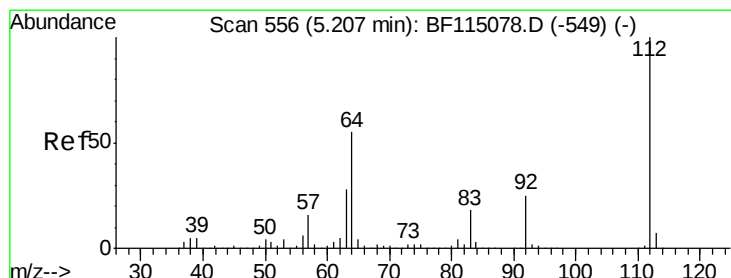
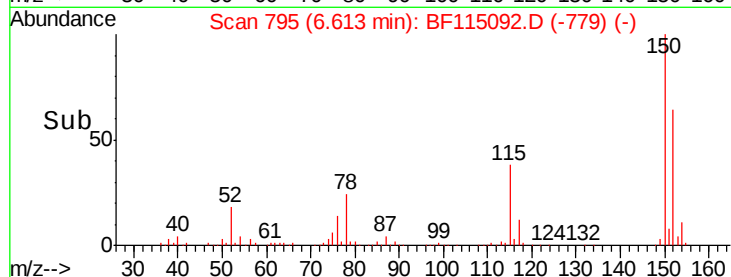
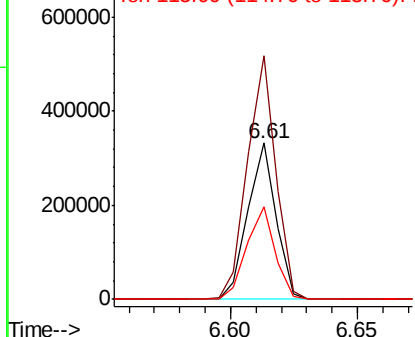
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampleId :
PB120707BL

Tot Ion:152 Resp: 257787
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.1 46.1 69.1



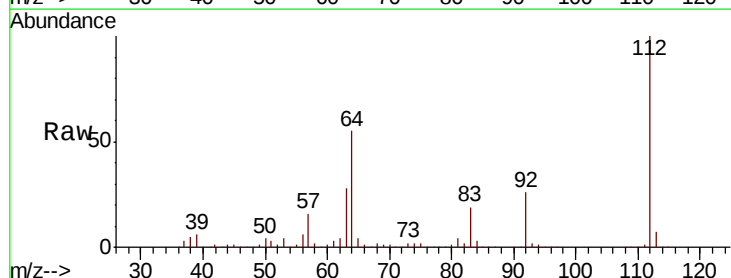
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



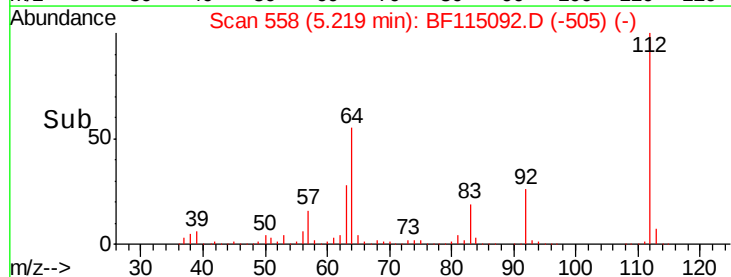
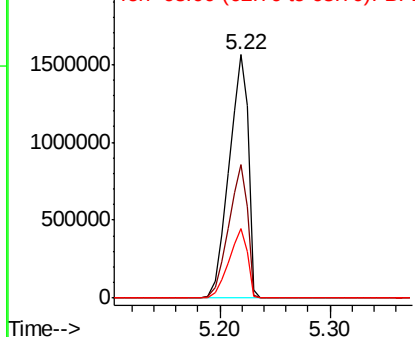
#5

2-Fluorophenol
Concen: 113.727 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion:112 Resp: 1899819
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: 113.075 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Instrument :

BNA_F

ClientSampleId :

PB120707BL

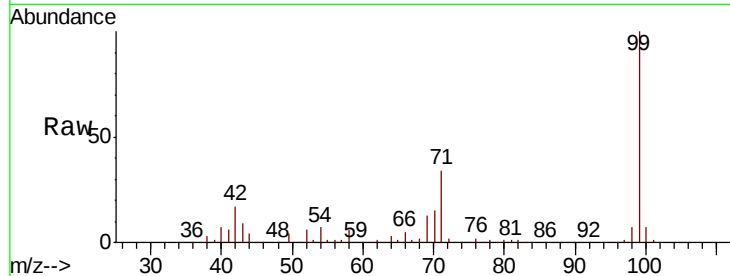
Tot Ion: 99 Resp: 2292685

Ion Ratio Lower Upper

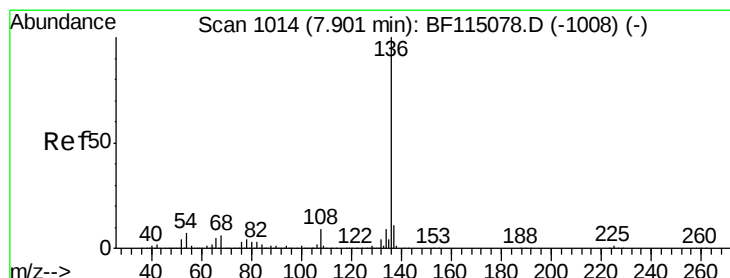
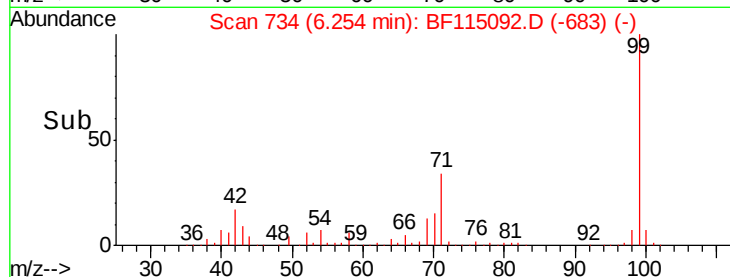
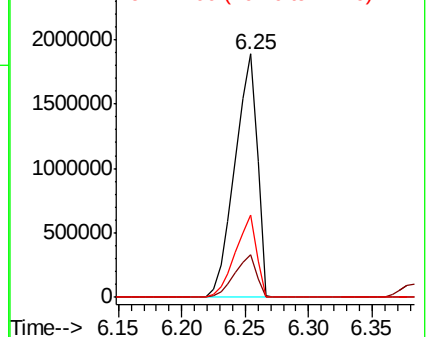
99 100

42 17.3 13.6 20.4

71 33.7 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: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115092.D

Acq: 21 Jun 2019 21:51

Tgt Ion: 136 Resp: 986991

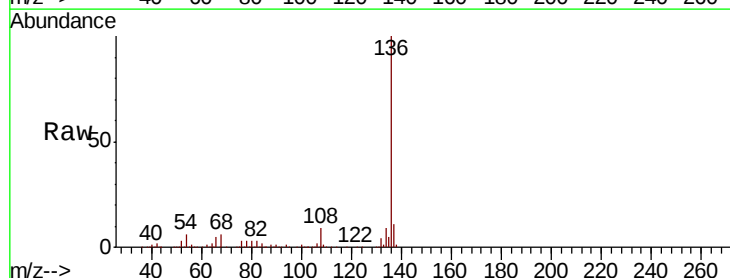
Ion Ratio Lower Upper

136 100

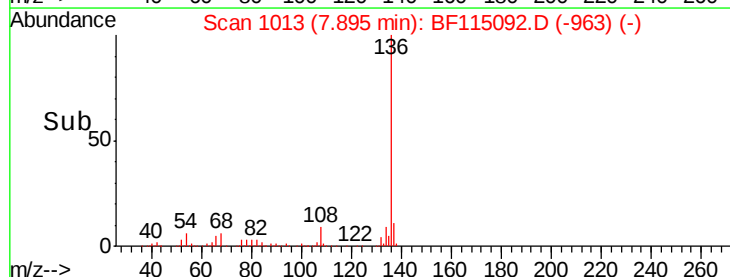
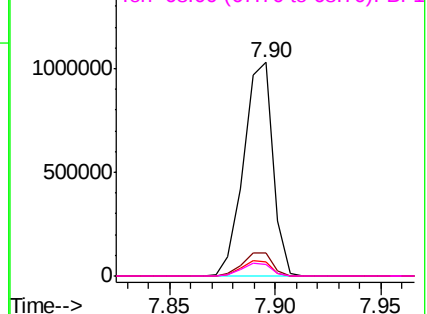
137 11.0 8.9 13.3

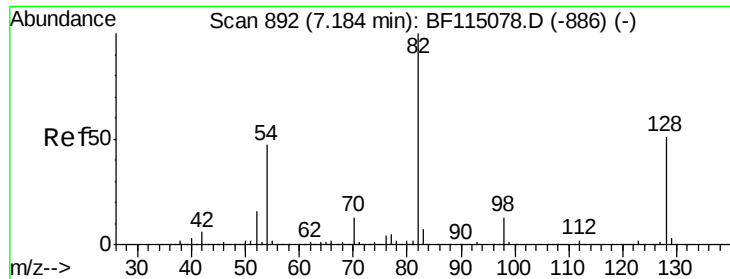
54 6.4 5.6 8.4

68 5.5 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

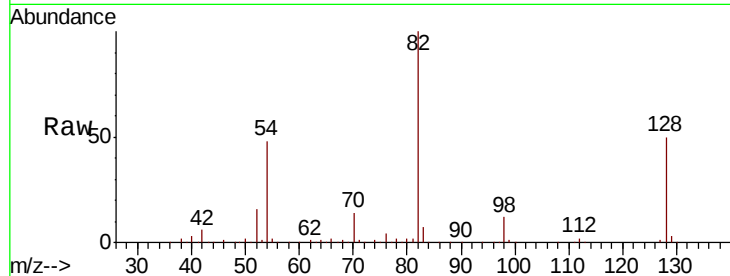




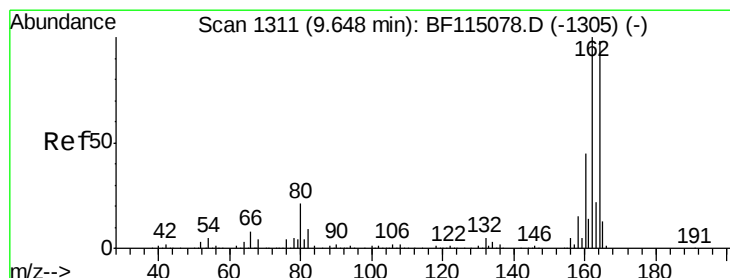
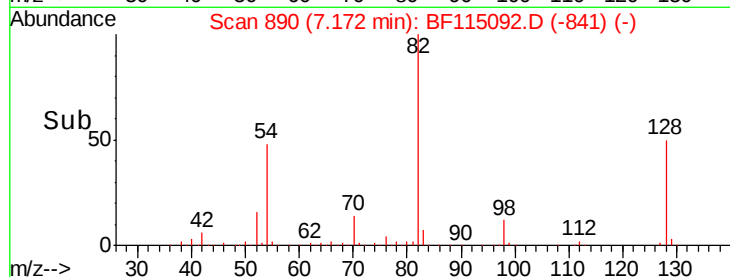
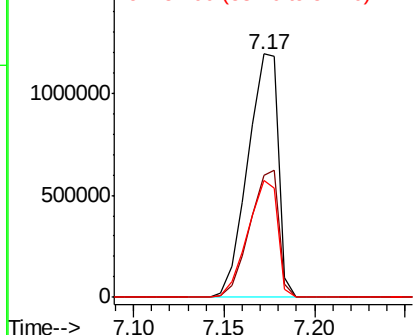
#23
 Nitrobenzene-d5
 Concen: 87.015 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BL

Tot Ion: 82 Resp: 1396119
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.4 60.6
 54 48.1 37.5 56.3

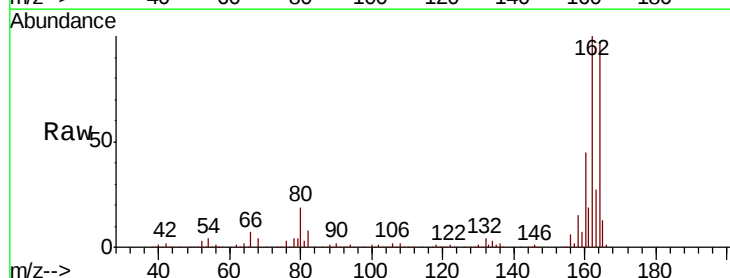


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

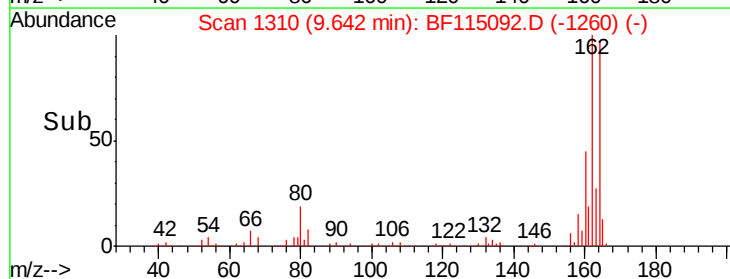
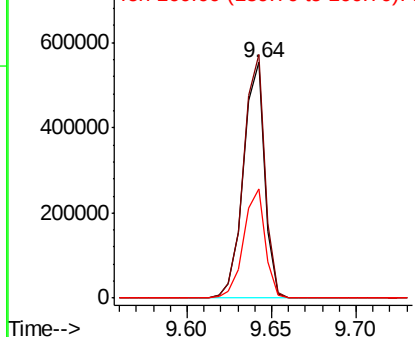


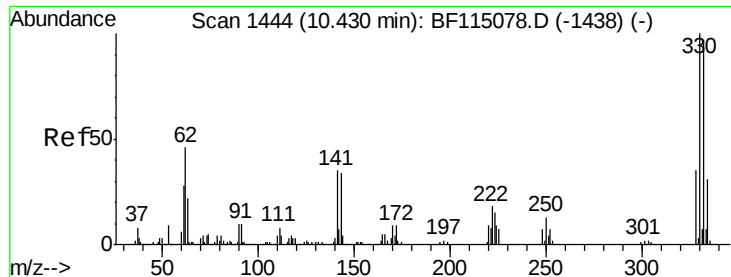
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Tgt Ion:164 Resp: 487970
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.7 122.5
 160 46.3 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

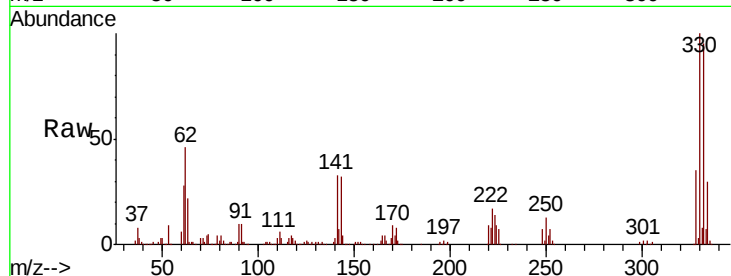




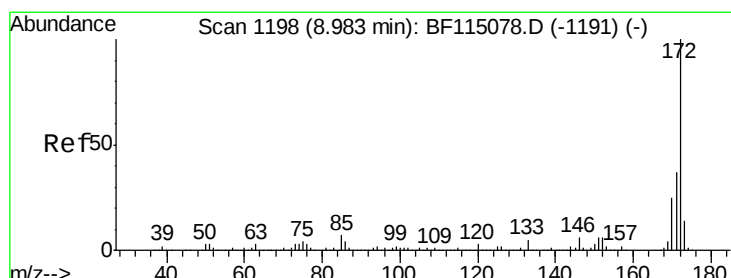
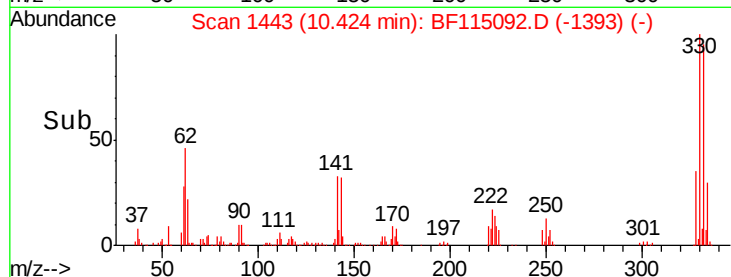
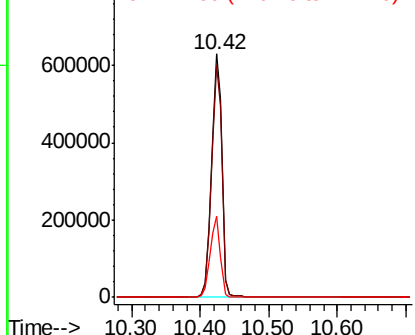
#42
 2,4,6-Tribromophenol
 Concen: 128.088 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BL

Tot Ion:330 Resp: 659118
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 33.1 28.2 42.2

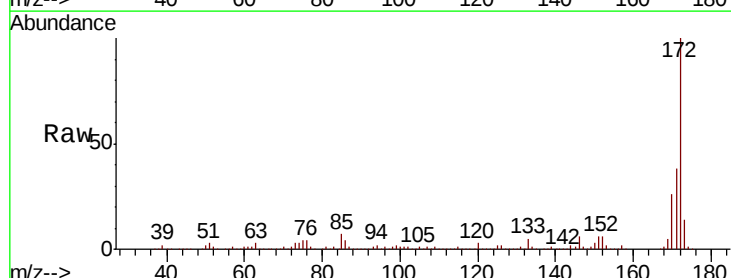


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

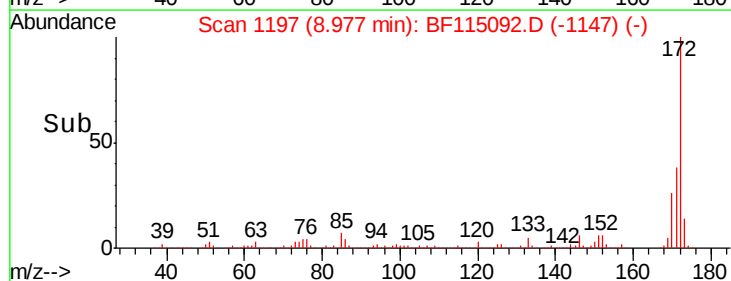
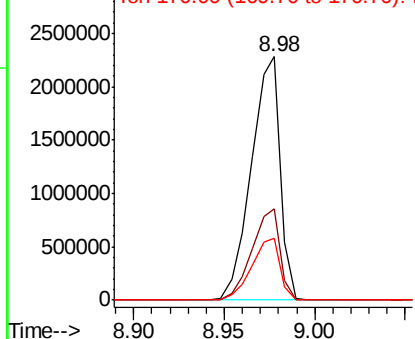


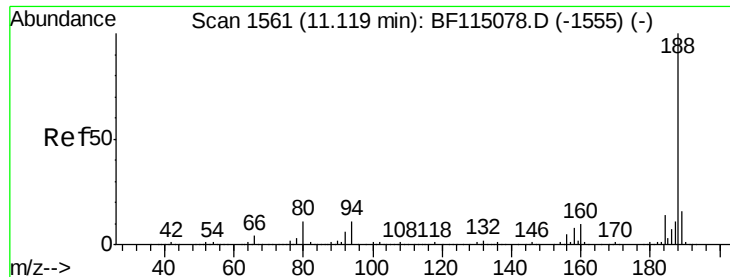
#45
 2-Fluorobiphenyl
 Concen: 87.800 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Tgt Ion:172 Resp: 2522255
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.7 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

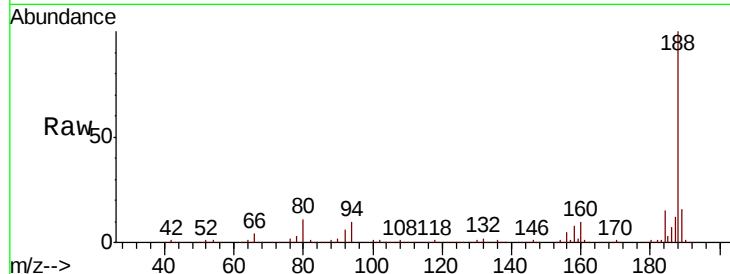




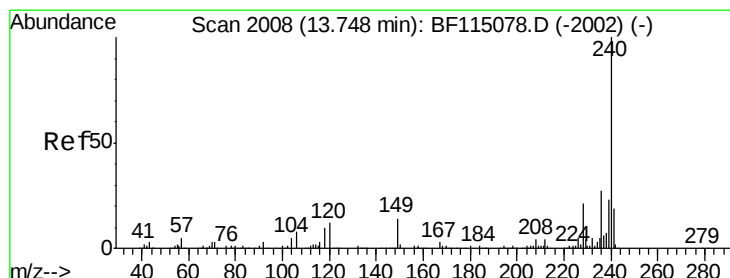
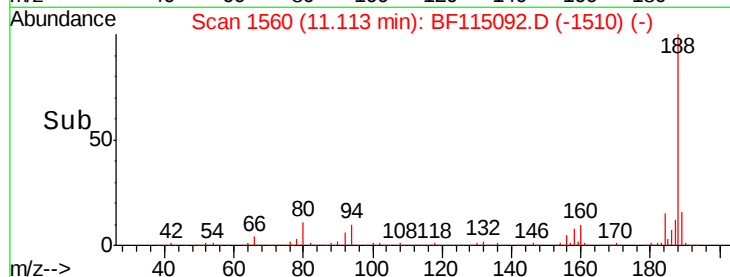
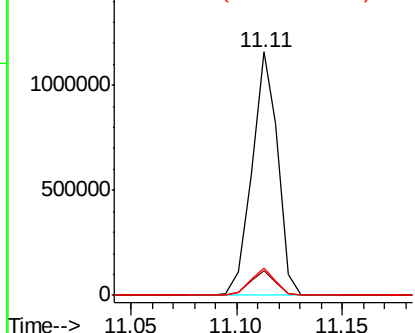
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Instrument :
BNA_F
ClientSampleId :
PB120707BL

Tot Ion:188 Resp: 982093
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.0 8.8 13.2

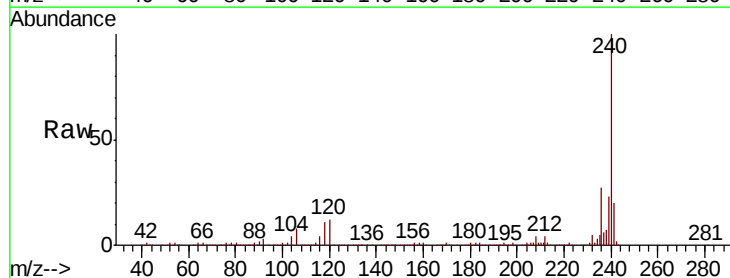


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

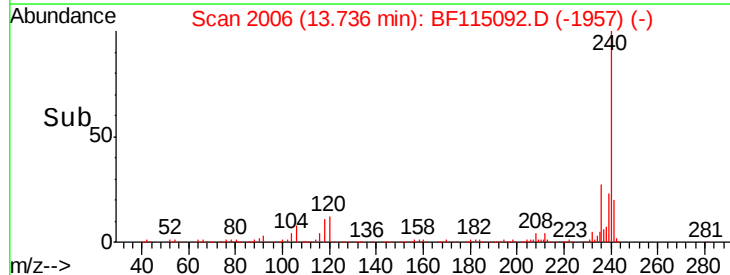
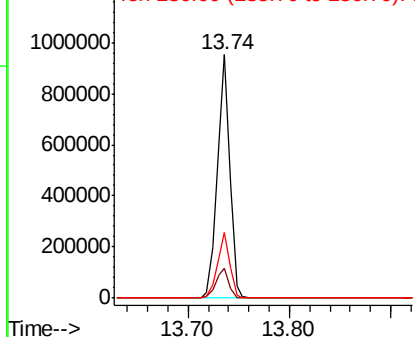


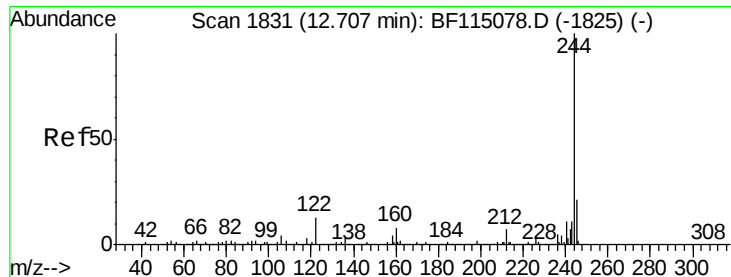
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF115092.D
Acq: 21 Jun 2019 21:51

Tgt Ion:240 Resp: 814994
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 27.2 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

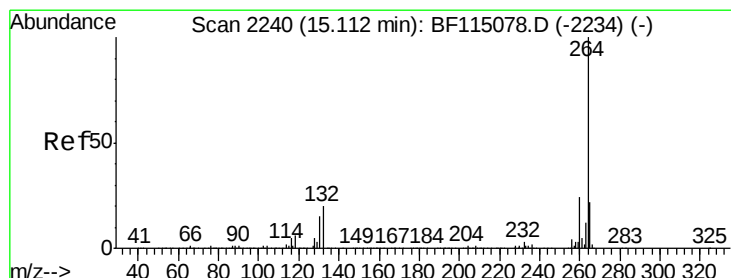
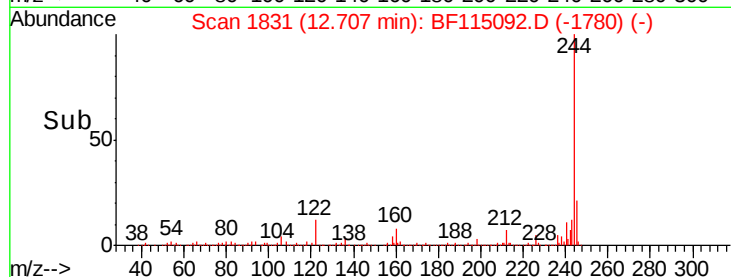
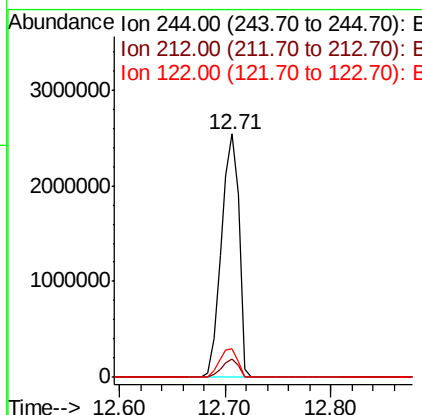
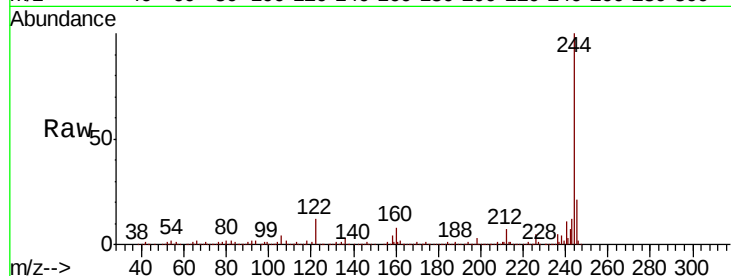




#79
 Terphenyl-d14
 Concen: 77.308 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BL

Tot Ion:244 Resp: 2963357
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 11.9 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF115092.D
 Acq: 21 Jun 2019 21:51

Tgt Ion:264 Resp: 836489
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.5 17.3 25.9

