

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113072.D
 Acq On : 15 Mar 2019 18:13
 Operator : JU/SJ
 Sample : K1685-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-C

Quant Time: Mar 15 23:52:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113969	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	370220	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	232526	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	514608	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	452335	20.00	ng	0.00
87) Perylene-d12	15.27	264	448949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	153660	20.97	ng	-0.01
7) Phenol-d6	6.36	99	198452	21.56	ng	-0.01
23) Nitrobenzene-d5	7.28	82	103594	16.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	71421	28.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	258076	13.98	ng	-0.01
79) Terphenyl-d14	12.82	244	332131	14.23	ng	0.00

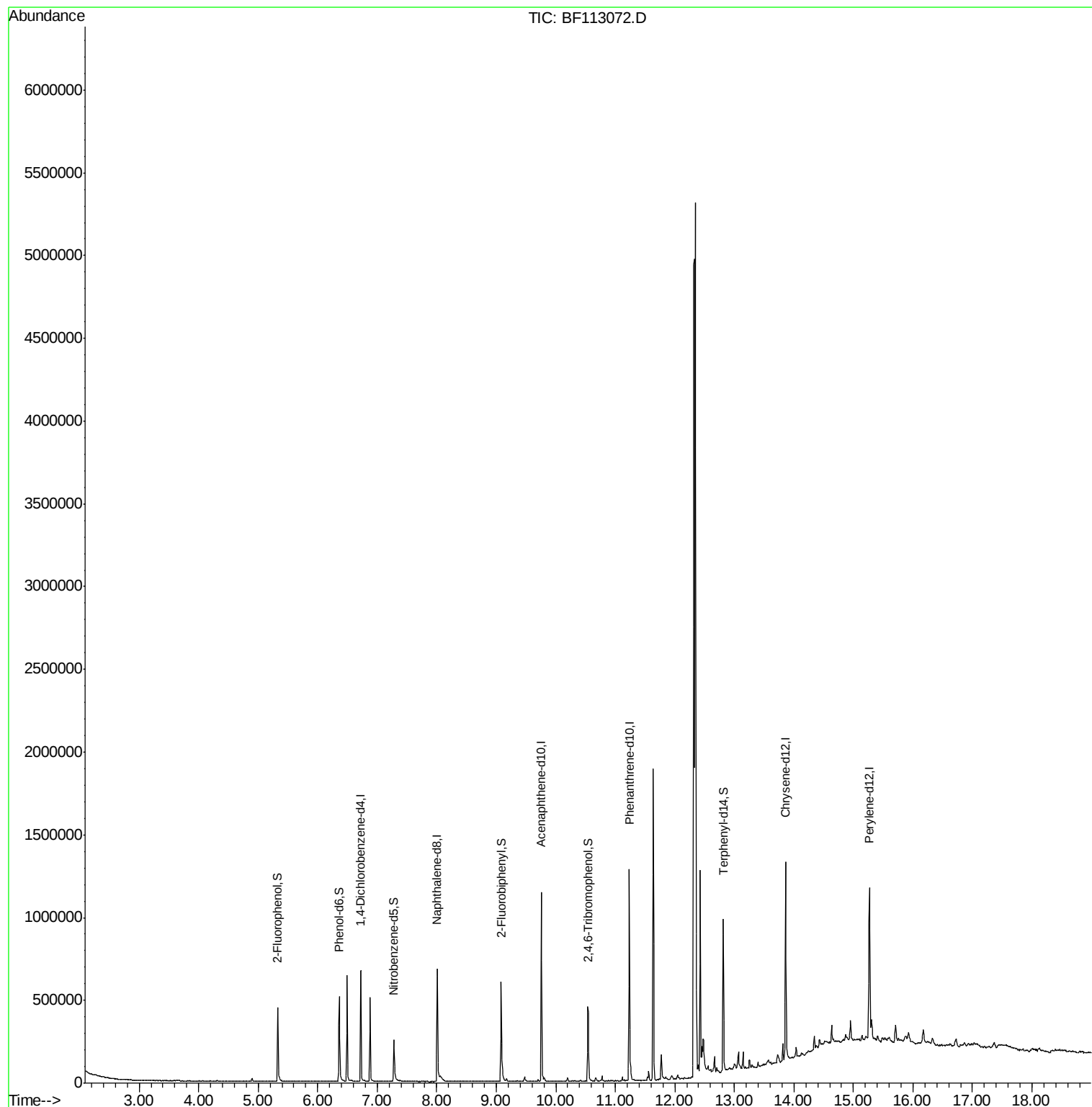
Target Compounds Qvalue

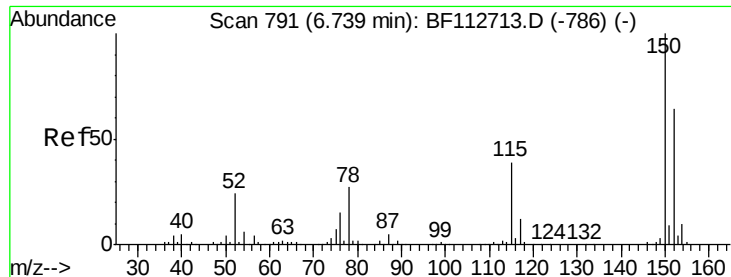
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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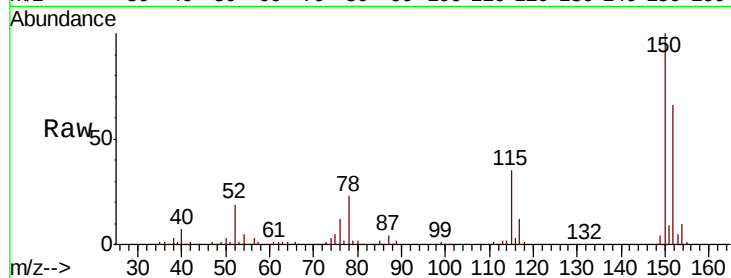


#1

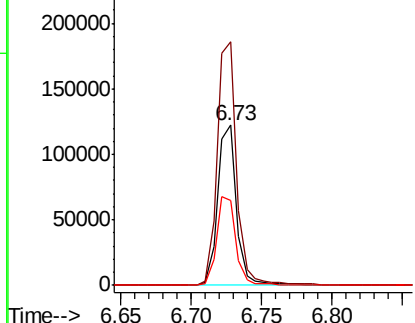
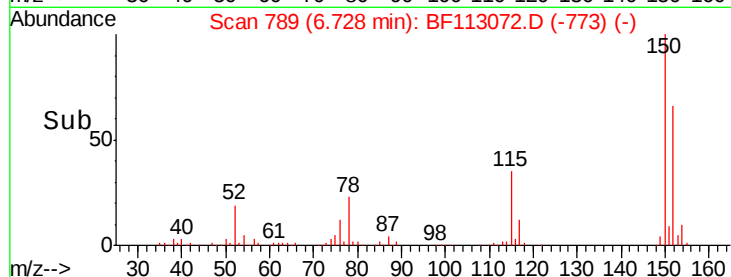
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

Tot Ion:152 Resp: 113969
Ion Ratio Lower Upper
152 100
150 152.2 124.2 186.2
115 52.7 48.2 72.4



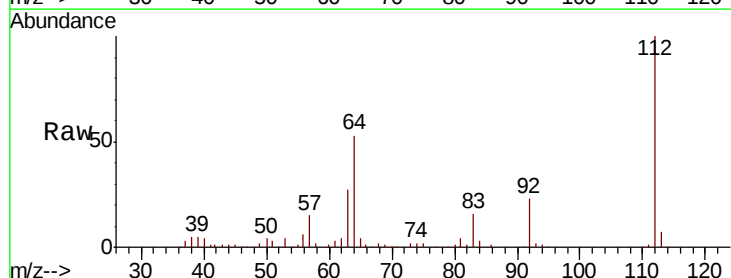
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



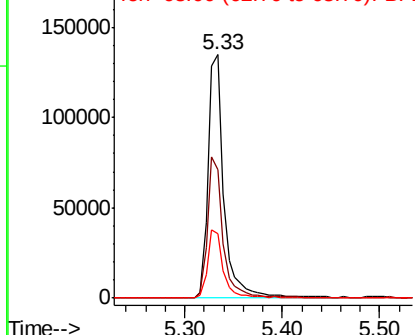
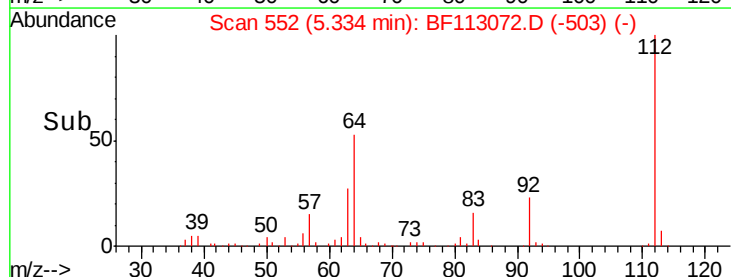
#5

2-Fluorophenol
Concen: 20.973 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:112 Resp: 153660
Ion Ratio Lower Upper
112 100
64 53.0 47.6 71.4
63 26.7 24.4 36.6



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: 21.563 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

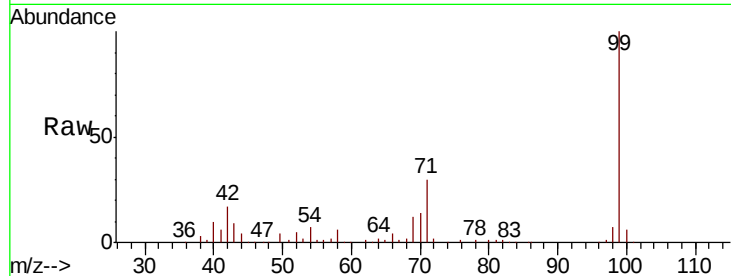
Tot Ion: 99 Resp: 198452

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

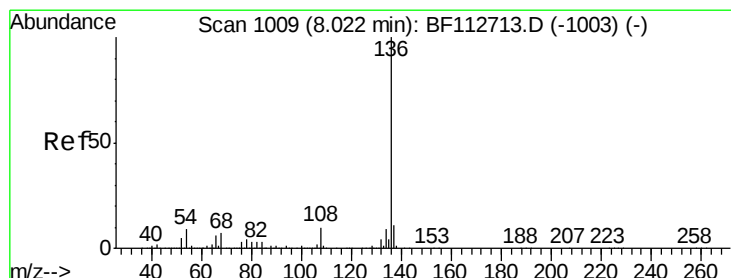
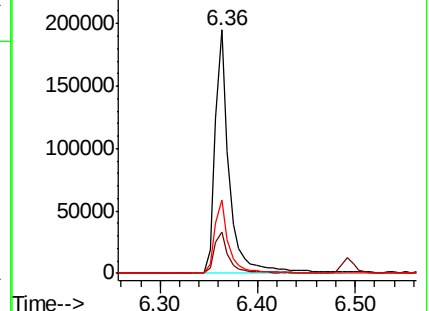
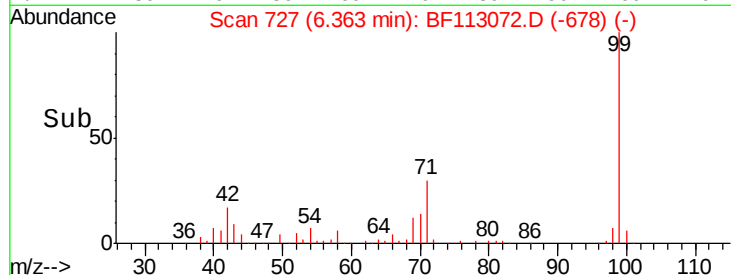
71 30.1 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Tgt Ion: 136 Resp: 370220

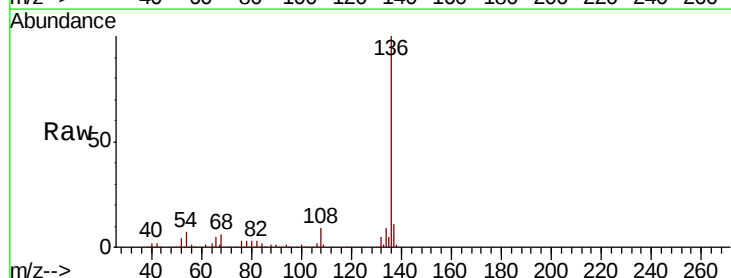
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.3 10.9

68 5.5 5.4 8.2

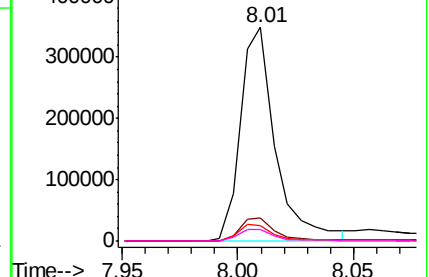
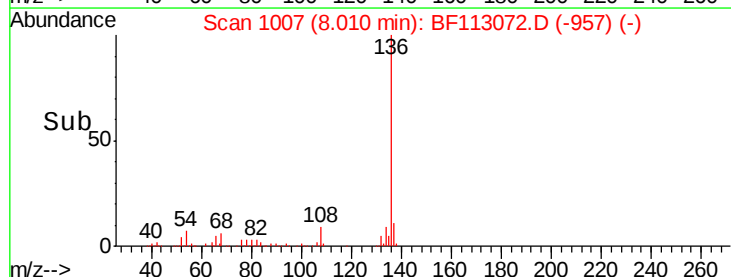


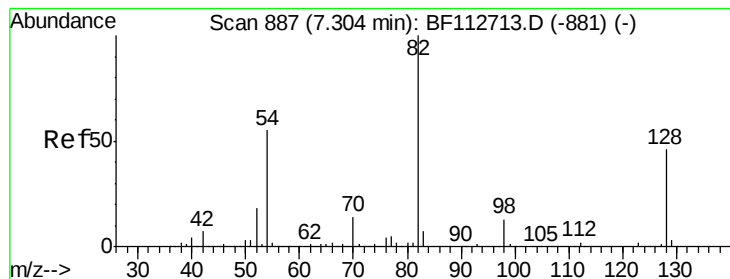
Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.744 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

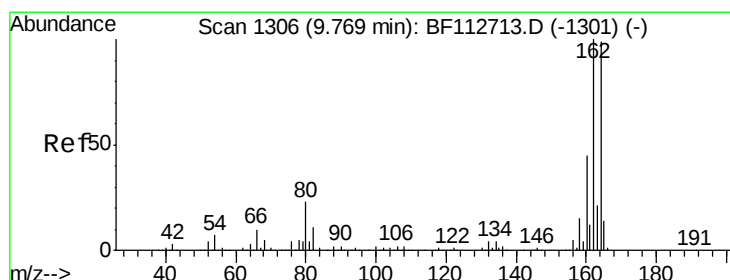
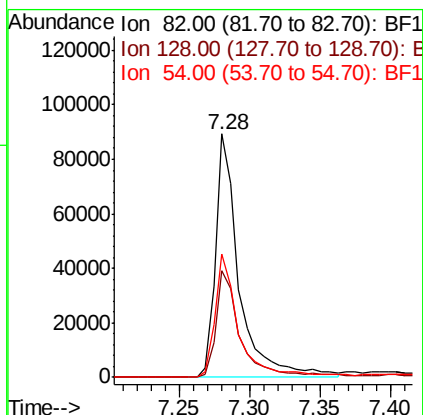
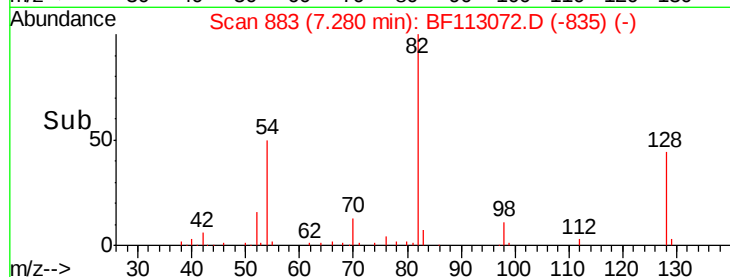
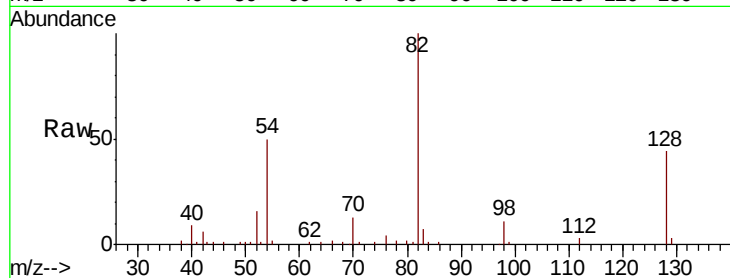
Tot Ion: 82 Resp: 103594

Ion Ratio Lower Upper

82 100

128 43.7 36.3 54.5

54 50.5 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

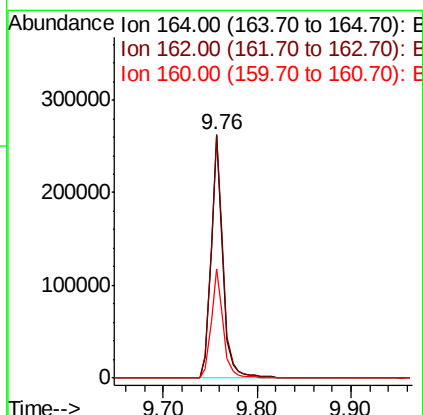
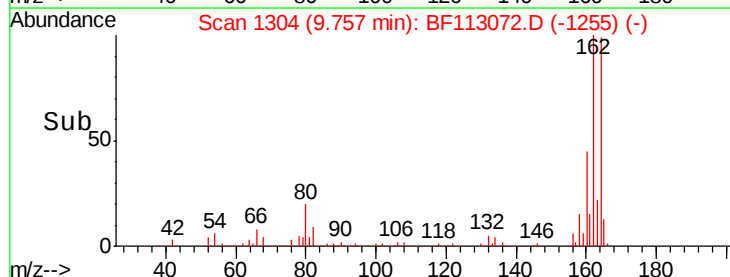
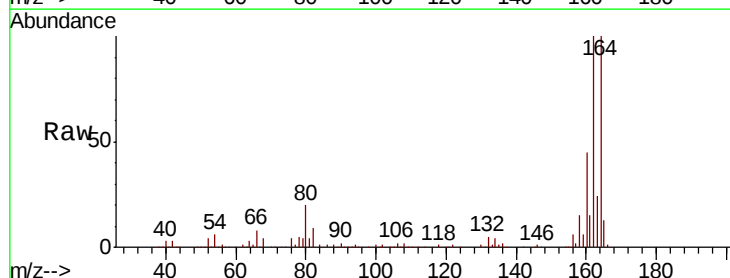
Tgt Ion: 164 Resp: 232526

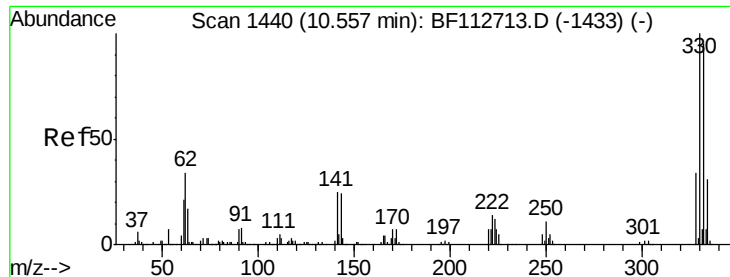
Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 45.0 36.0 54.0

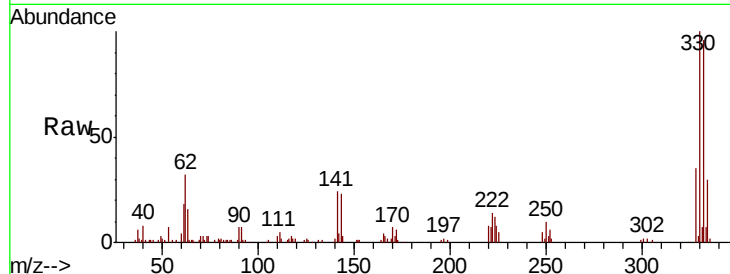




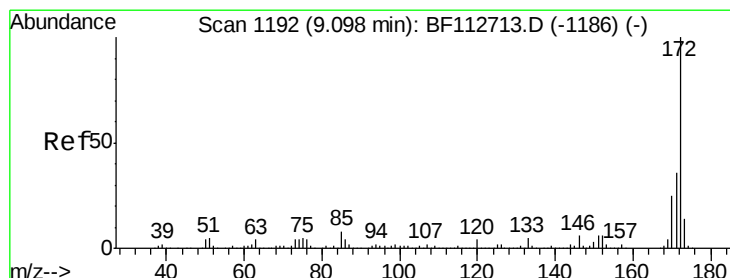
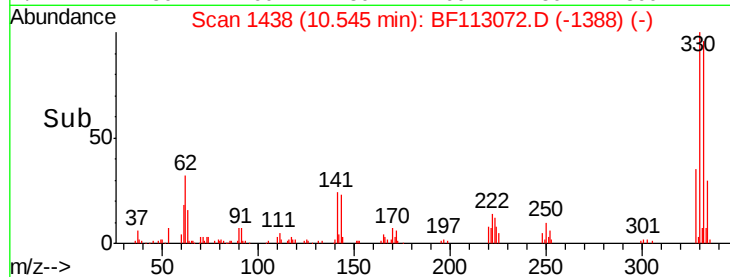
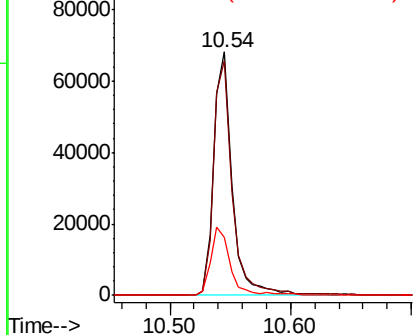
#42
 2,4,6-Tribromophenol
 Concen: 28.932 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113072.D
 Acq: 15 Mar 2019 18:13

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-C

Tot Ion:330 Resp: 71421
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.2 114.4
 141 29.4 27.0 40.6

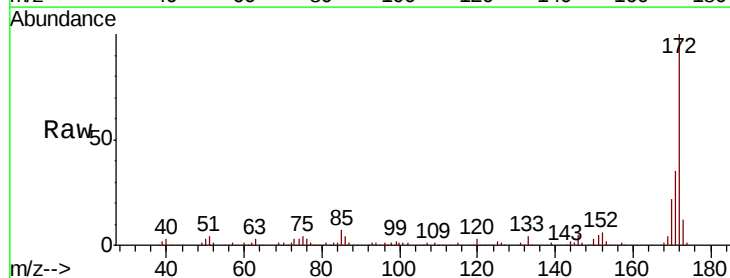


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

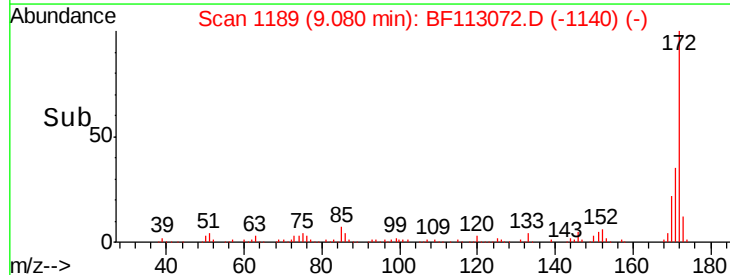
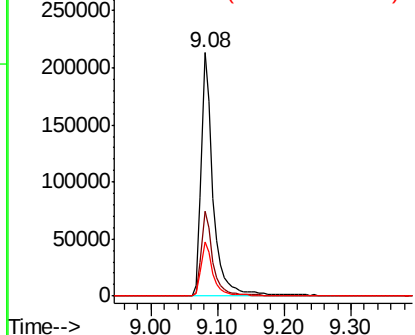


#45
 2-Fluorobiphenyl
 Concen: 13.984 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113072.D
 Acq: 15 Mar 2019 18:13

Tgt Ion:172 Resp: 258076
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.0 43.4
 170 22.5 20.0 30.0



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

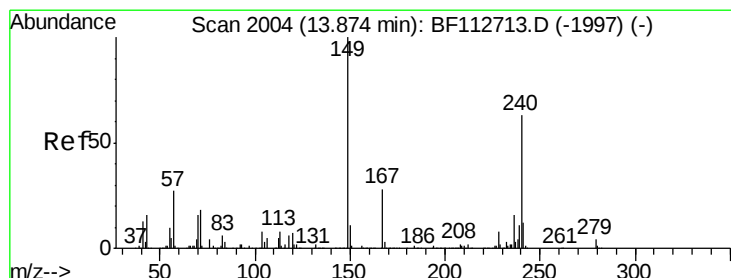
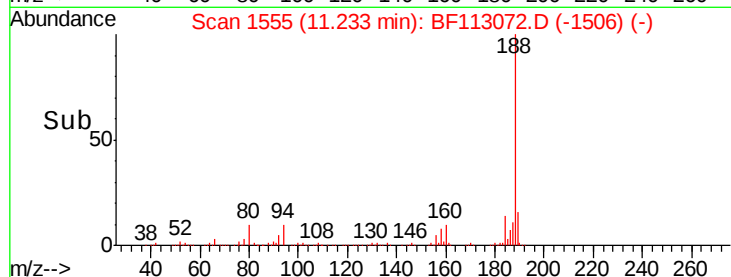
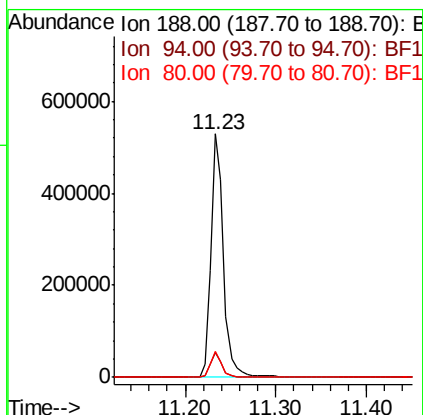
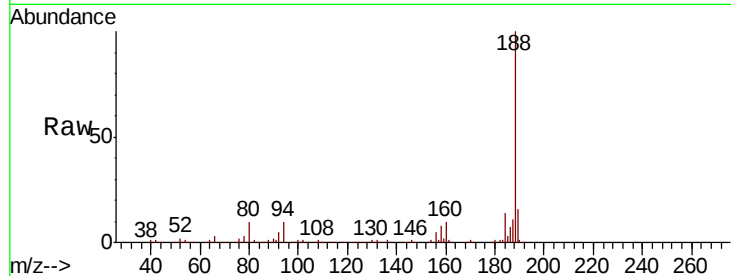




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

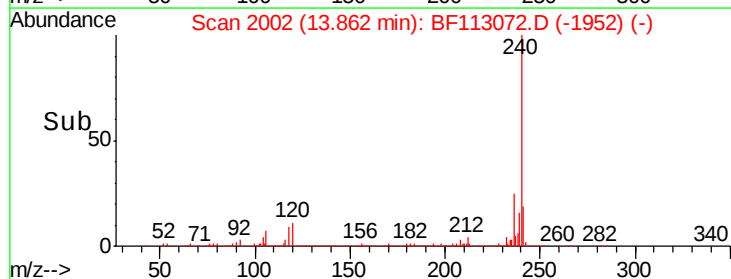
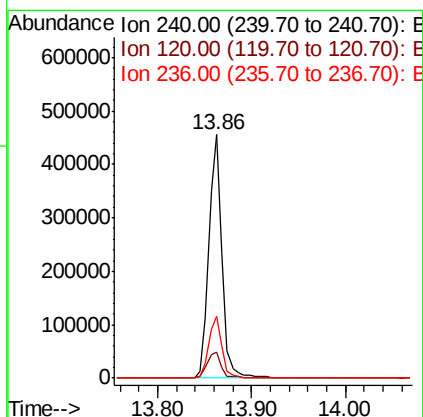
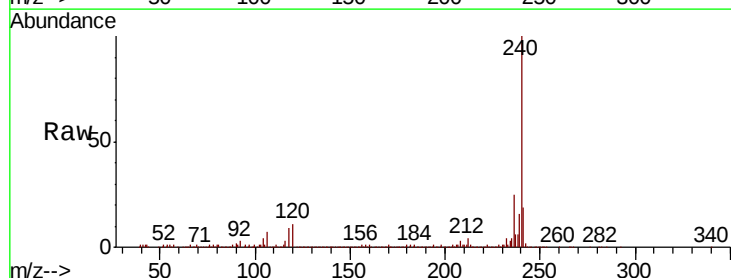
Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

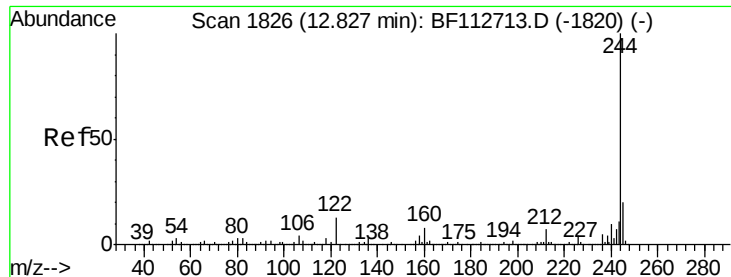
Tot Ion:188 Resp: 514608
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113072.D
Acq: 15 Mar 2019 18:13

Tgt Ion:240 Resp: 452335
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 14.234 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

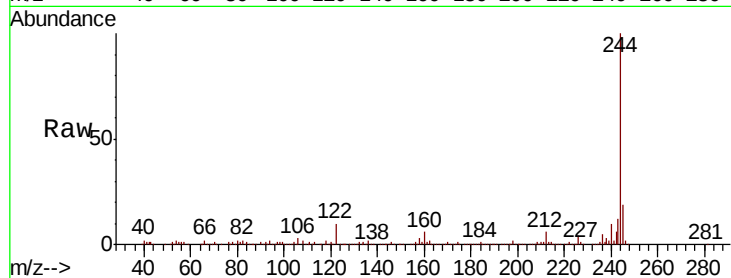
Tot Ion:244 Resp: 332131

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

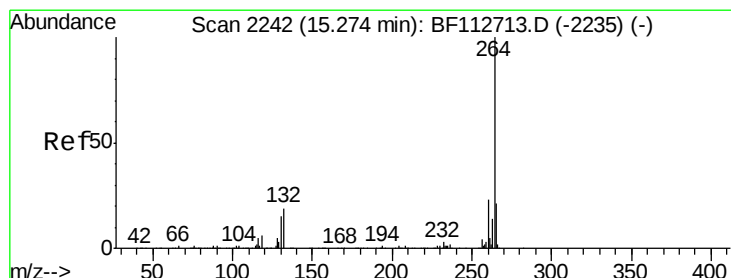
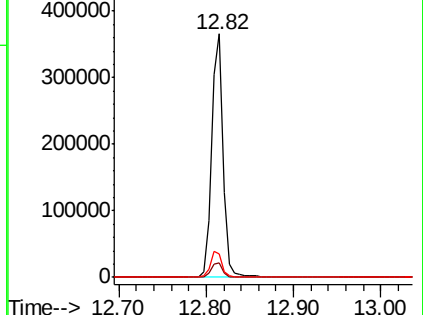
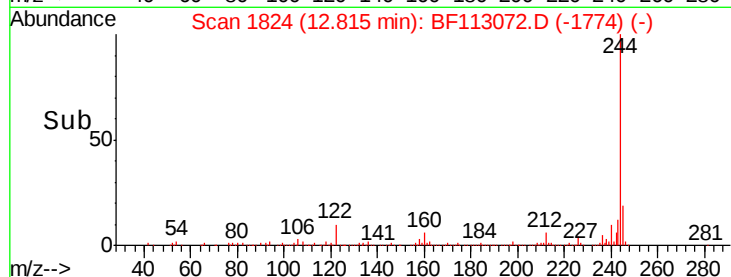
122 9.7 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113072.D

Acq: 15 Mar 2019 18:13

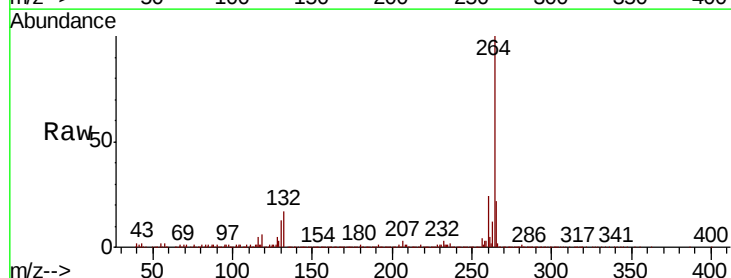
Tgt Ion:264 Resp: 448949

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.5 17.2 25.8



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

