

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110904.D
 Acq On : 20 Nov 2018 19:45
 Operator : JU/SJ
 Sample : J5996-25 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

Quant Time: Nov 21 05:30:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56412	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	229101	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	91704	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	161064	20.00	ng	0.00
76) Chrysene-d12	14.13	240	123667	20.00	ng	0.00
87) Perylene-d12	15.67	264	85678	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	21011	6.05	ng	0.01
7) Phenol-d6	6.57	99	48462	10.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	25443	6.40	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	1635	1.77	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	59890	9.33	ng	0.00
79) Terphenyl-d14	13.06	244	55394	8.39	ng	0.00

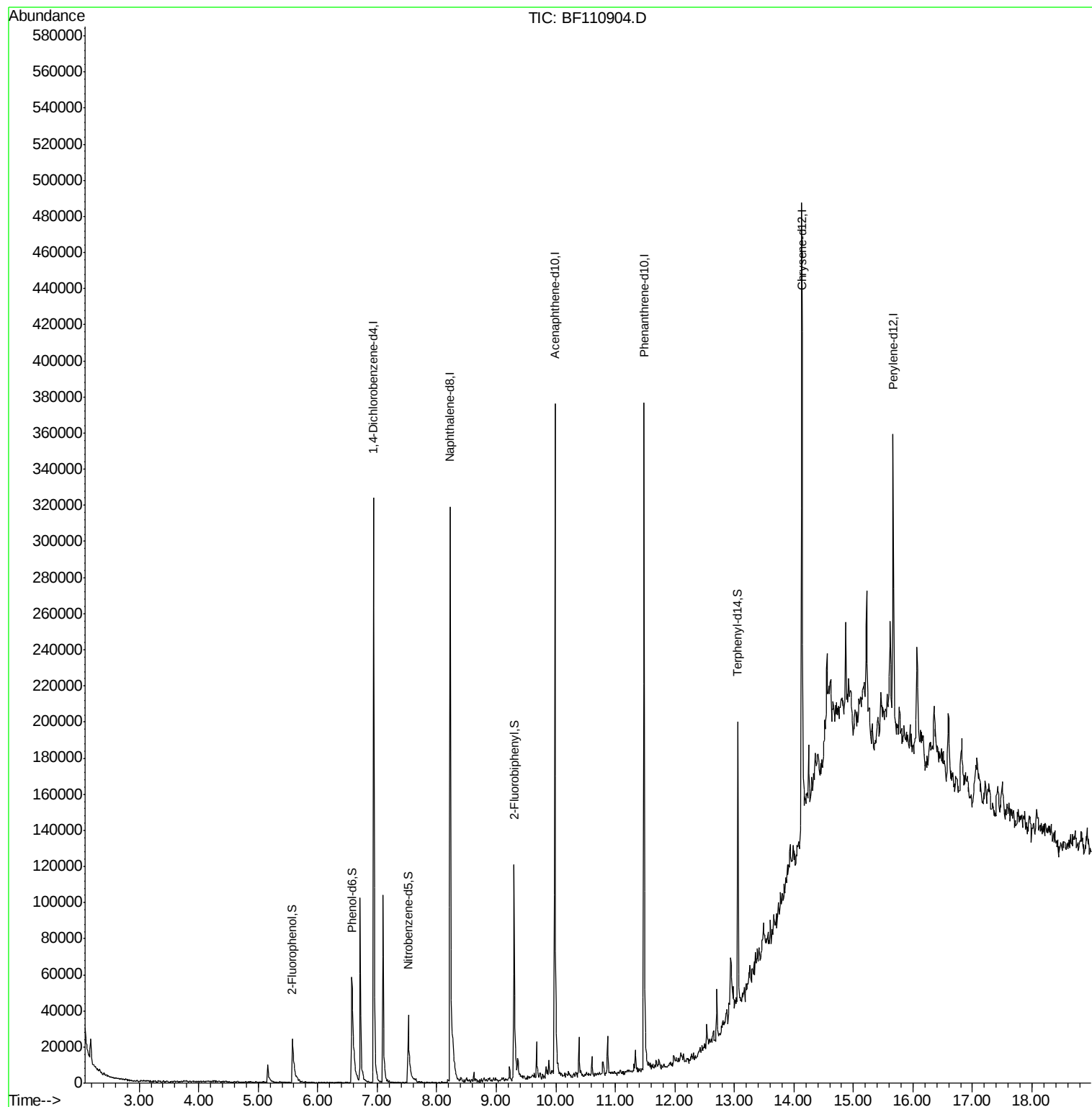
Target Compounds Qvalue

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

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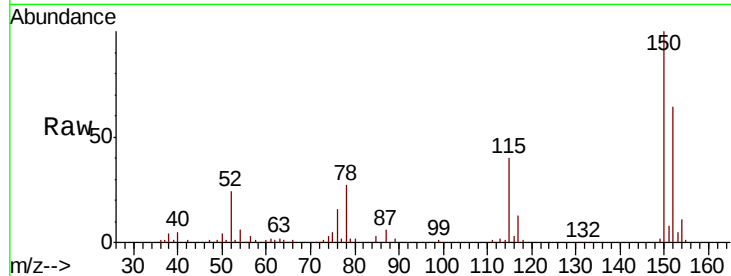




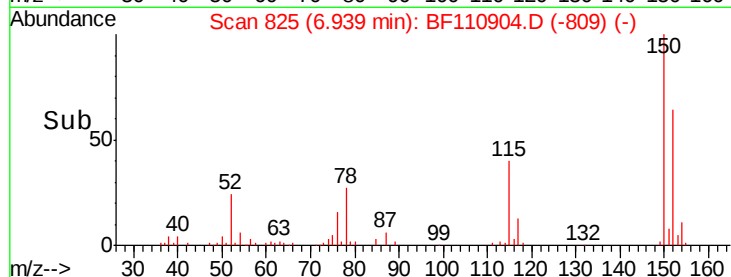
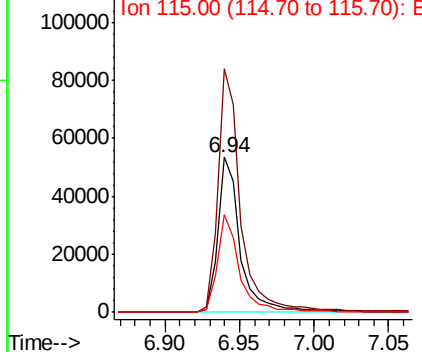
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

Instrument :
 BNA_F
 ClientSampled :
 AOC1-06-A

Tot Ion:152 Resp: 56412
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 63.4 49.1 73.7

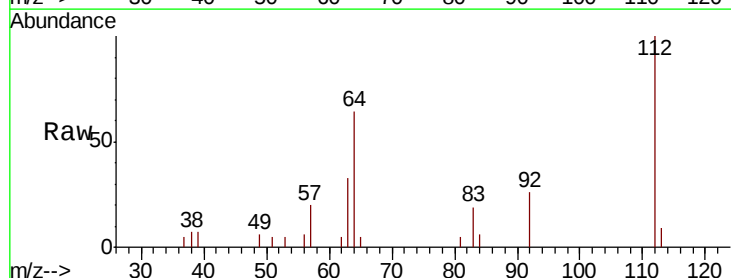


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

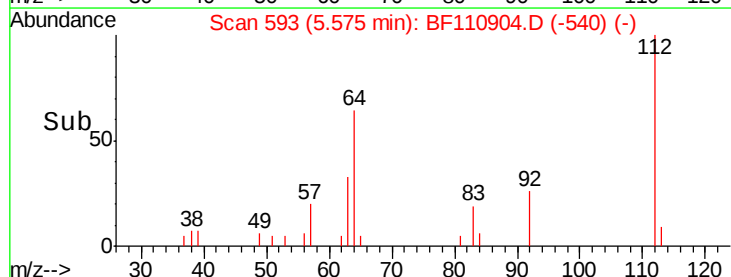
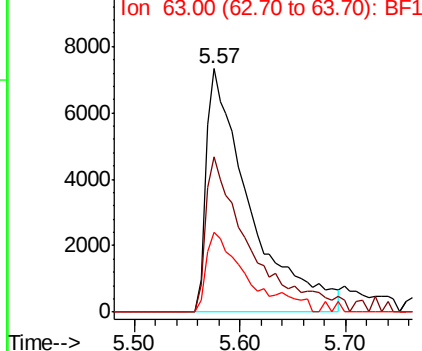


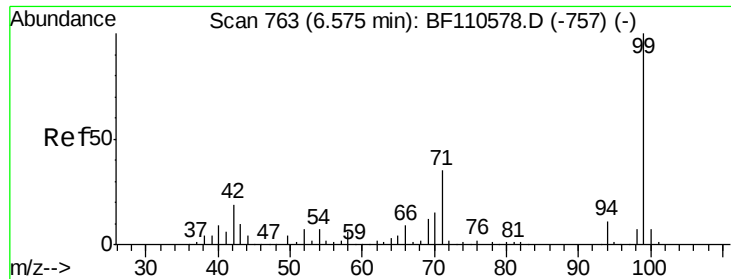
#5
 2-Fluorophenol
 Concen: 6.050 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

Tgt Ion:112 Resp: 21011
 Ion Ratio Lower Upper
 112 100
 64 63.5 44.1 66.1
 63 32.8 23.7 35.5



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: 10.912 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampled :

AOC1-06-A

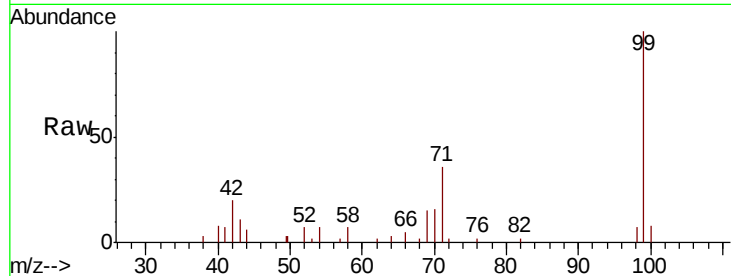
Tot Ion: 99 Resp: 48462

Ion Ratio Lower Upper

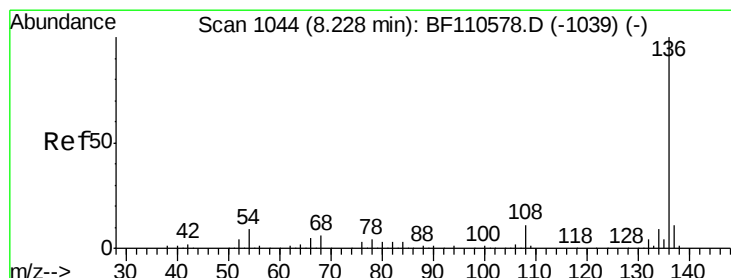
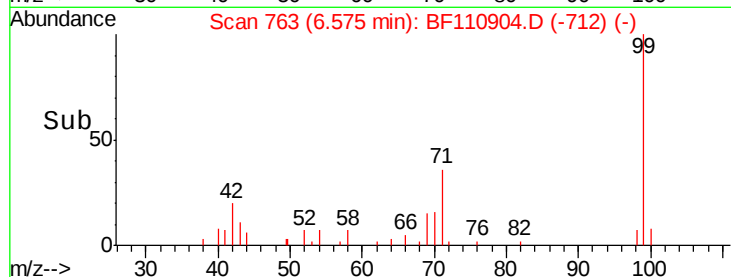
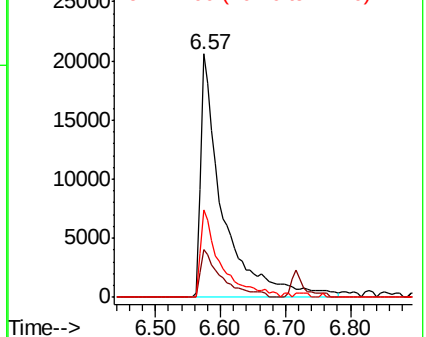
99 100

42 19.7 15.8 23.6

71 36.1 28.0 42.0



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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Tgt Ion: 136 Resp: 229101

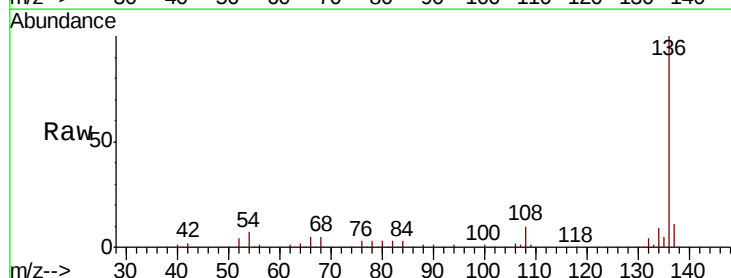
Ion Ratio Lower Upper

136 100

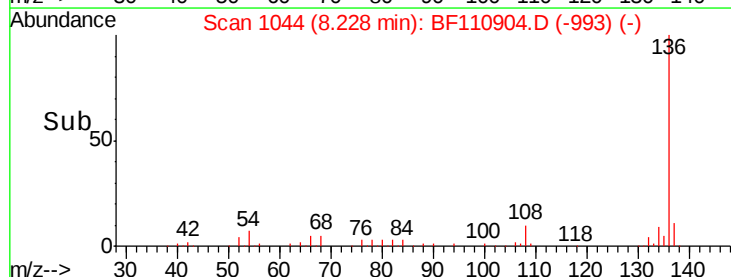
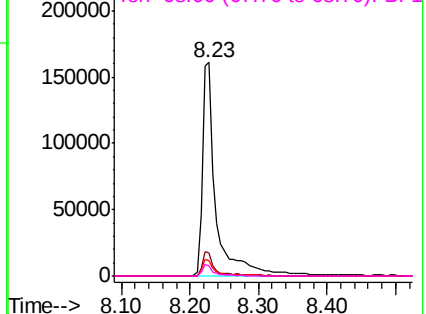
137 10.8 8.8 13.2

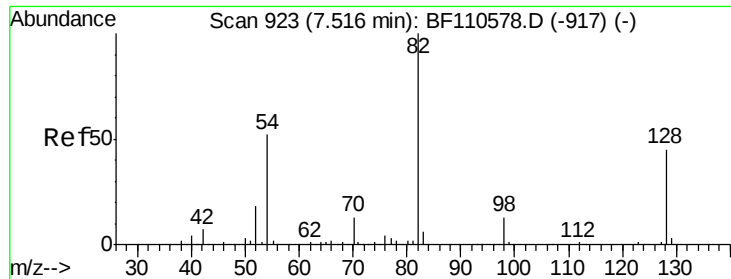
54 7.2 5.4 8.2

68 5.0 4.2 6.2



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

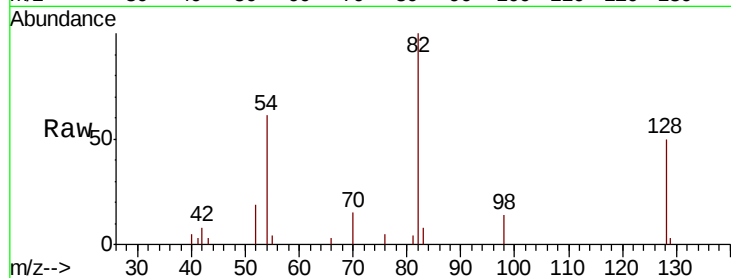




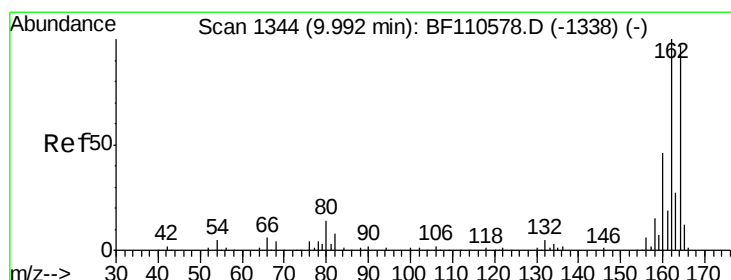
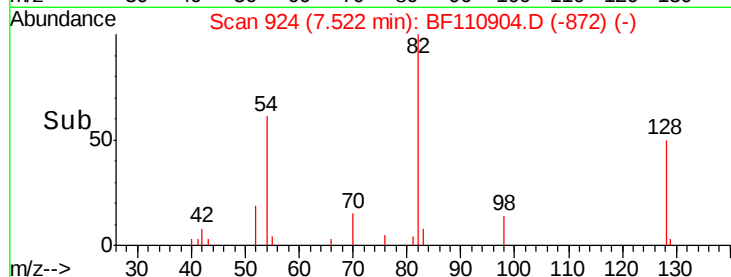
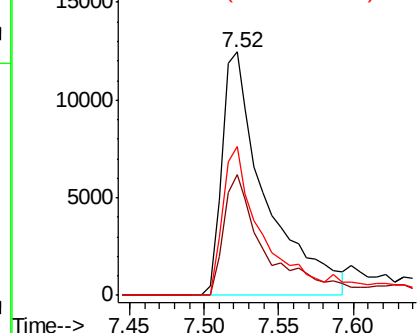
#23
Nitrobenzene-d5
Concen: 6.396 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion: 82 Resp: 25443
Ion Ratio Lower Upper
82 100
128 49.8 34.2 51.2
54 61.3 38.6 58.0#

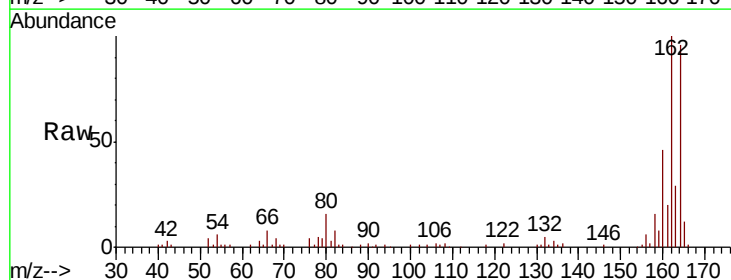


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

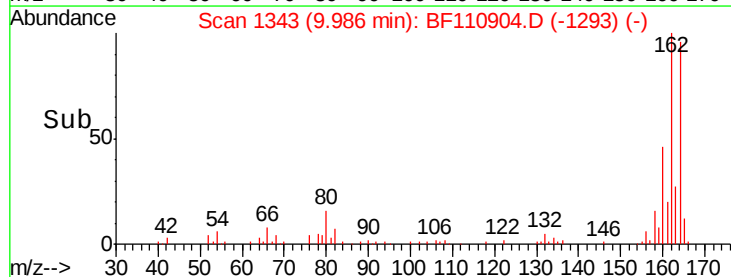
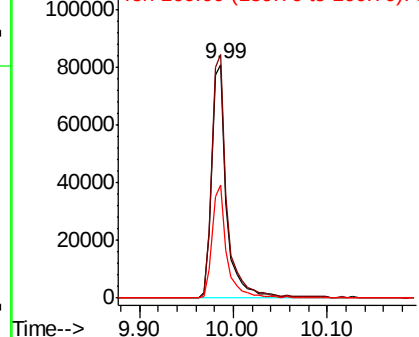


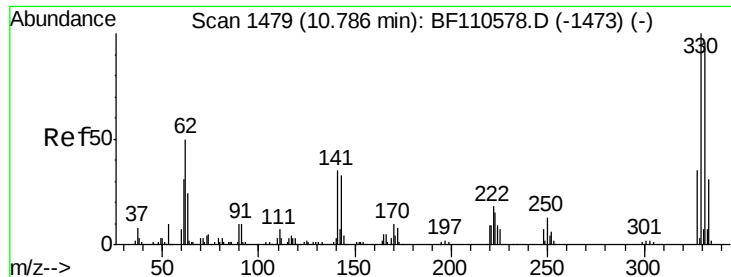
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Tgt Ion:164 Resp: 91704
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 48.4 37.0 55.6



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: 1.769 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

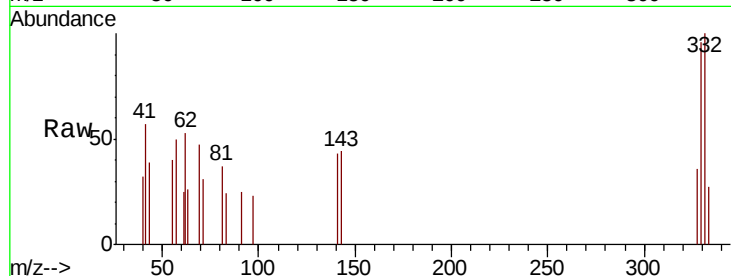
Tot Ion:330 Resp: 1635

Ion Ratio Lower Upper

330 100

332 105.5 77.1 115.7

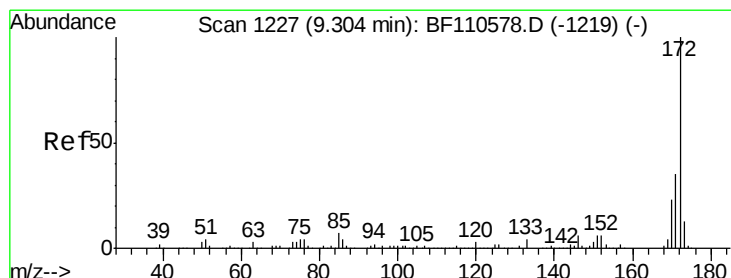
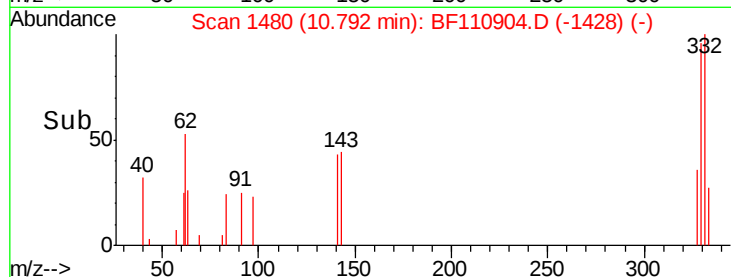
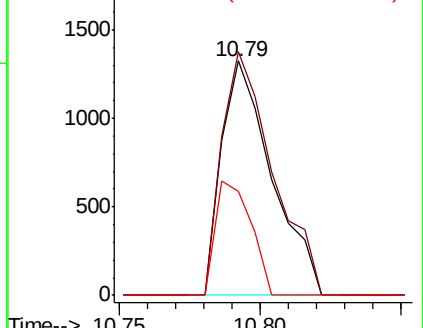
141 34.4 27.0 40.4



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: 9.327 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

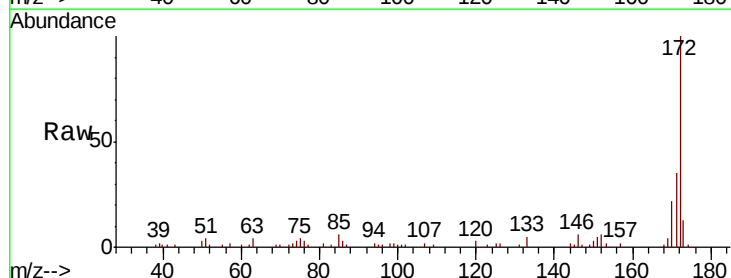
Tgt Ion:172 Resp: 59890

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

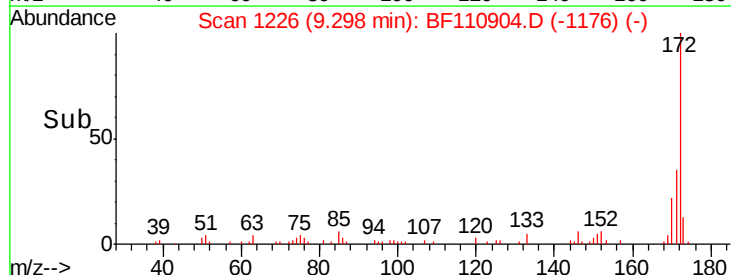
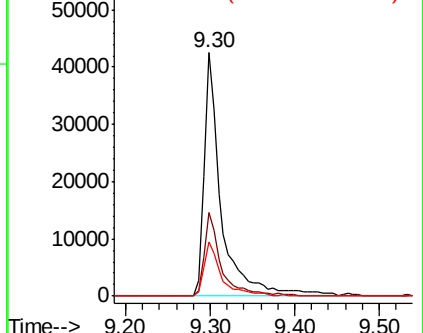
170 22.4 19.7 29.5

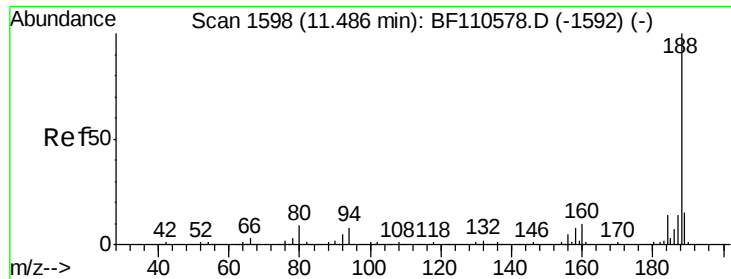


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

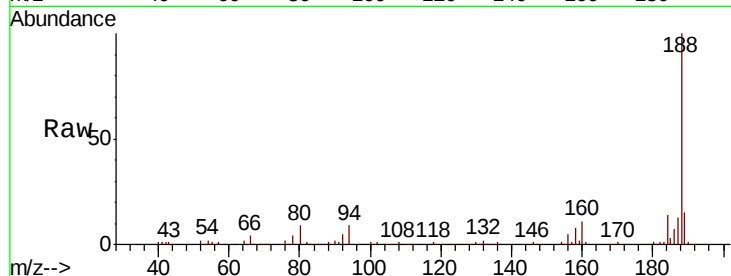




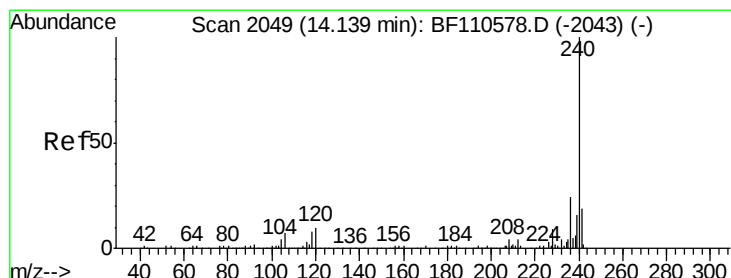
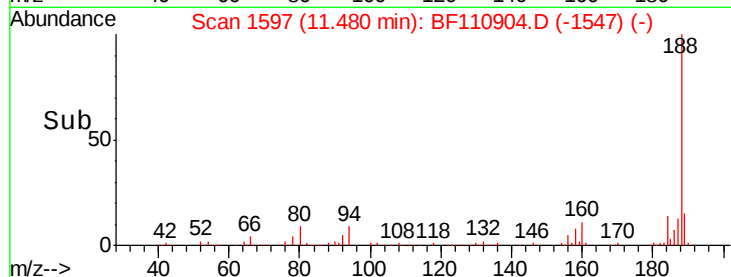
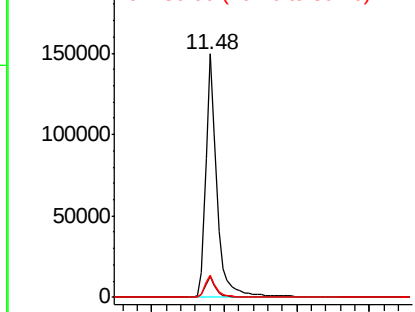
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tot Ion:188 Resp: 161064
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.0 7.9 11.9

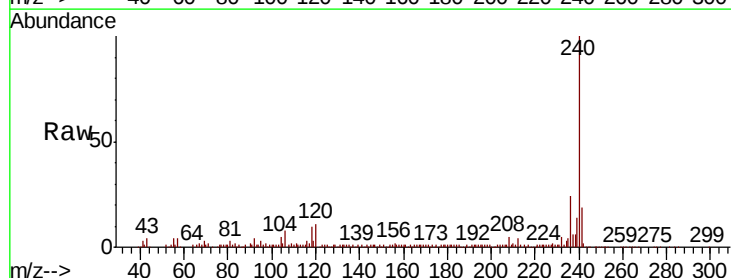


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

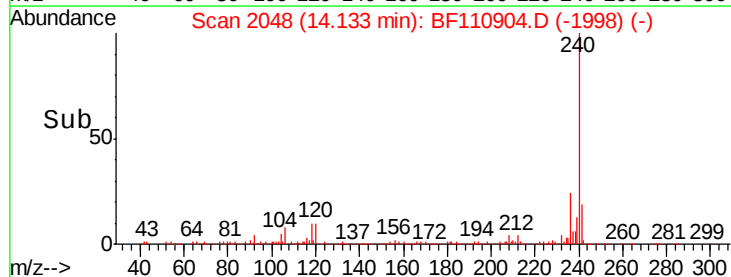
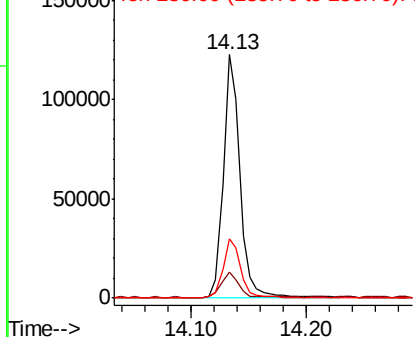


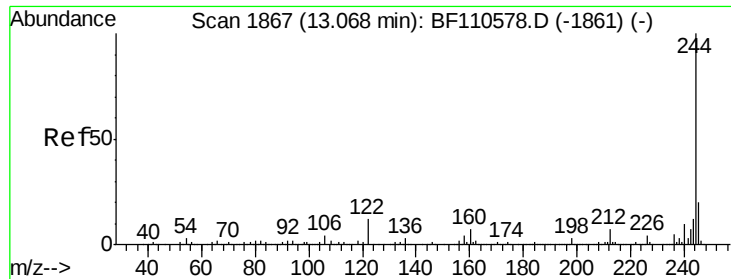
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Tgt Ion:240 Resp: 123667
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 24.3 21.2 31.8



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: 8.389 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

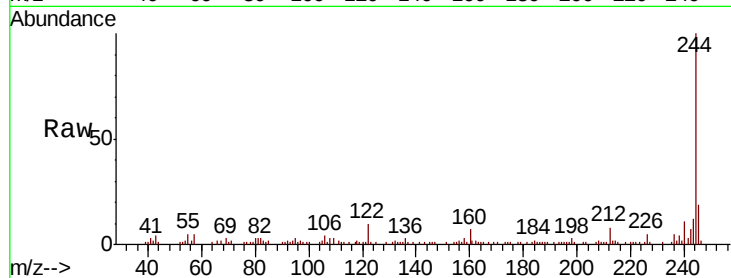
Tot Ion:244 Resp: 55394

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

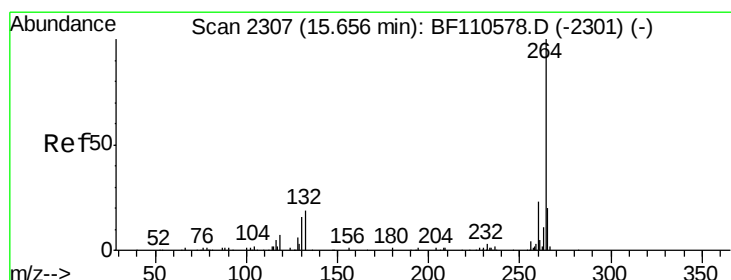
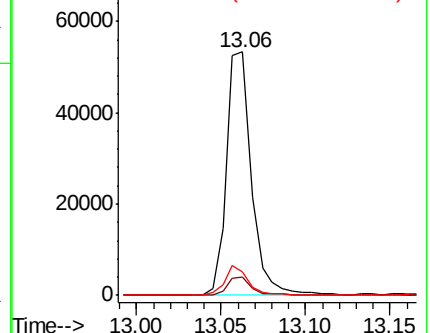
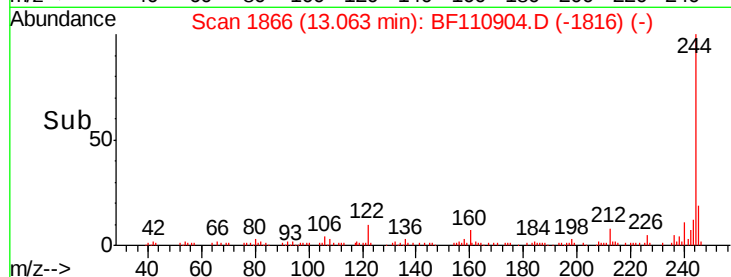
122 9.6 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

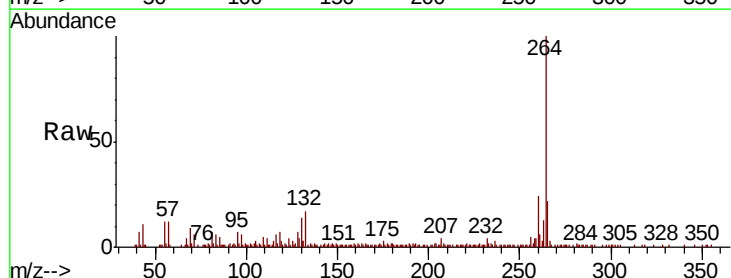
Tgt Ion:264 Resp: 85678

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 16.7 25.1



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

