

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110340.D
 Acq On : 31 Oct 2018 18:36
 Operator : JU/SJ
 Sample : J5730-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Quant Time: Nov 01 04:25:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	67213	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	231761	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	88694	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	166337	20.00	ng	0.00
76) Chrysene-d12	14.17	240	166582	20.00	ng	0.00
87) Perylene-d12	15.71	264	101767	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	152500	36.95	ng	0.00
7) Phenol-d6	6.59	99	107244	20.31	ng	-0.01
23) Nitrobenzene-d5	7.54	82	392841	100.54	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	77282	87.96	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	633971	112.24	ng	0.00
79) Terphenyl-d14	13.10	244	654504	81.71	ng	0.00

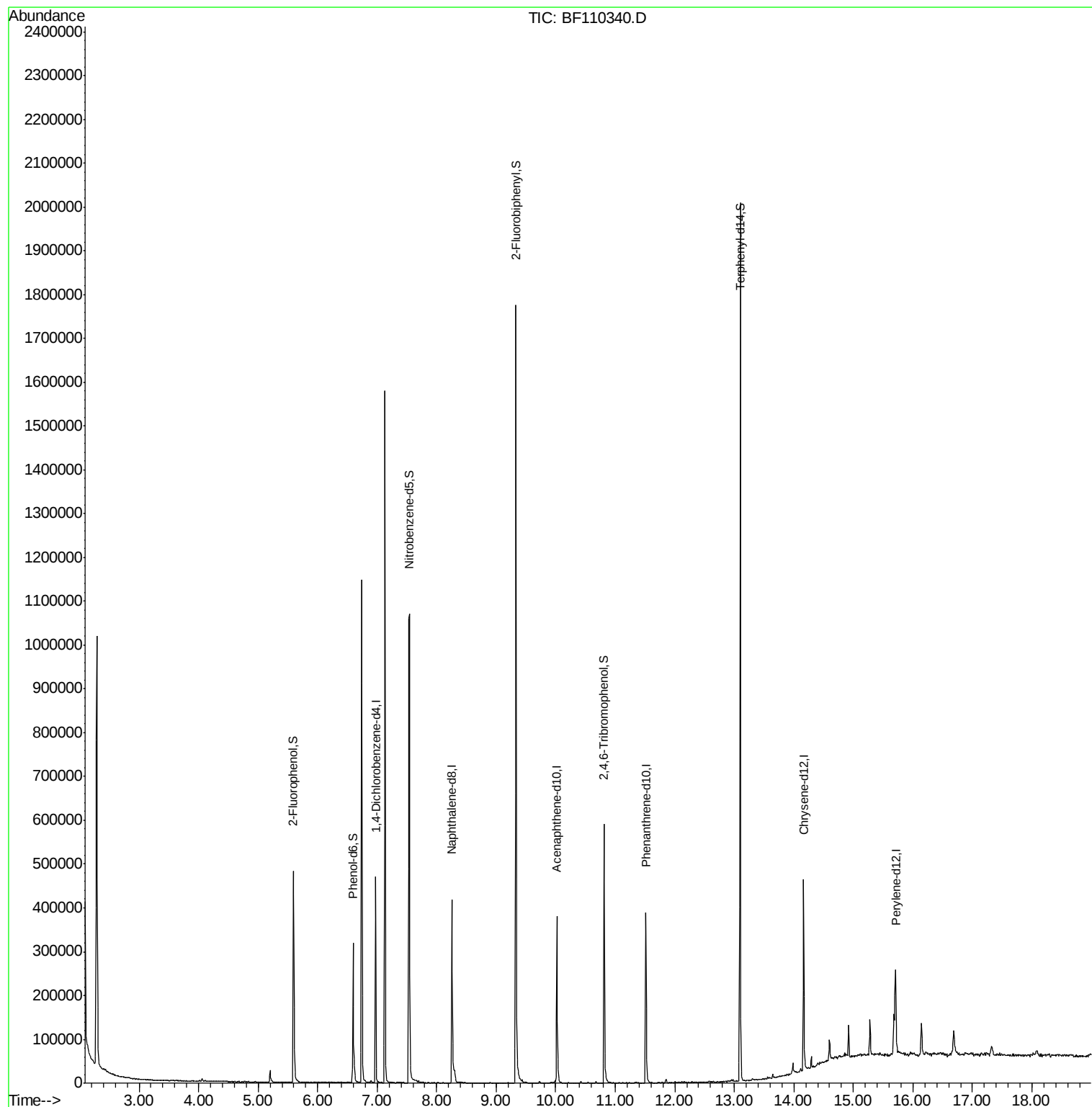
Target Compounds Qvalue

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

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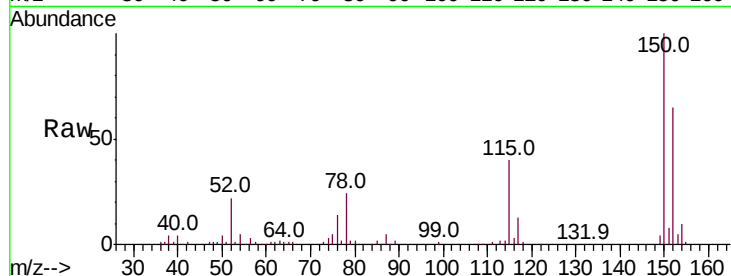


#1

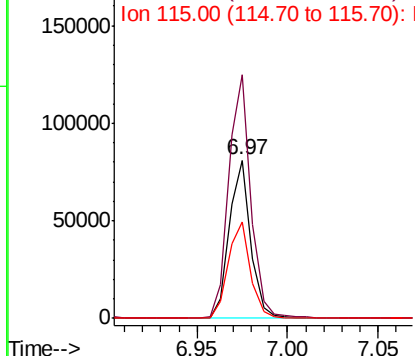
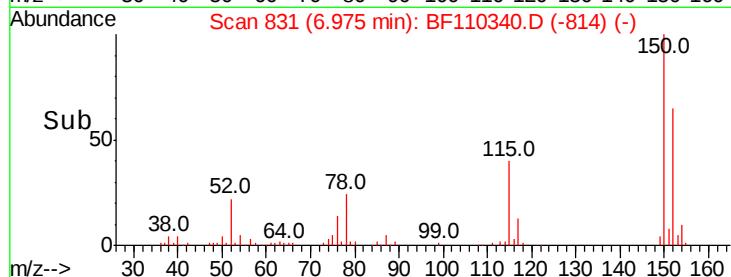
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Tot Ion:152 Resp: 67213
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.7 184.1
 115 60.9 49.1 73.7



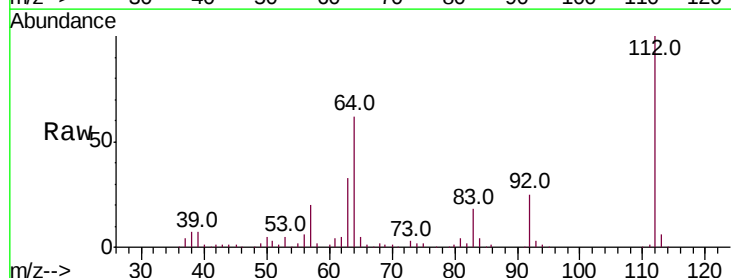
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



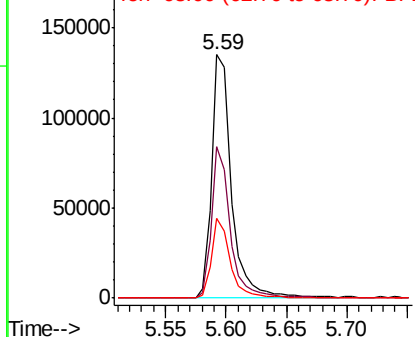
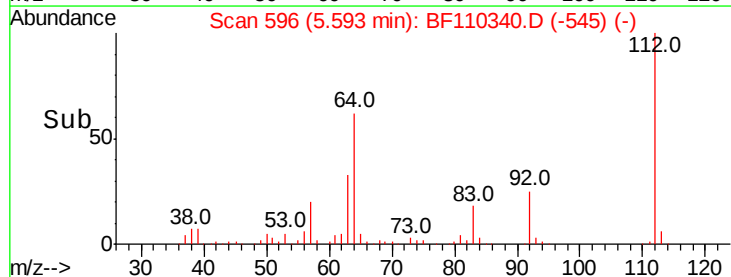
#5

2-Fluorophenol
 Concen: 36.948 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Tgt Ion:112 Resp: 152500
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.1 66.1
 63 32.5 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: 20.314 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

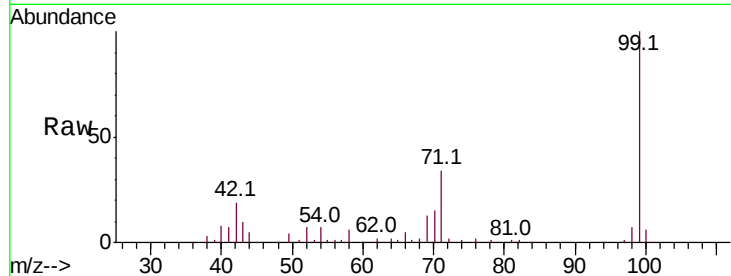
Tot Ion: 99 Resp: 107244

Ion Ratio Lower Upper

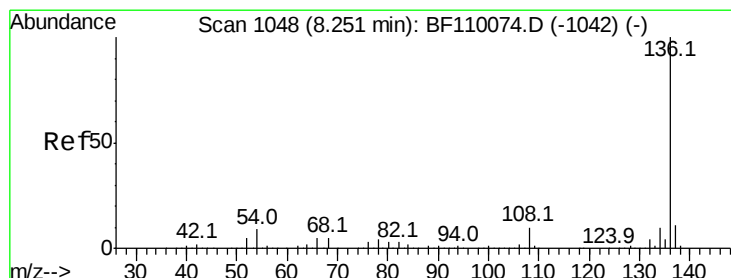
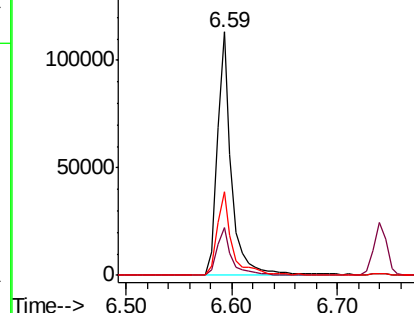
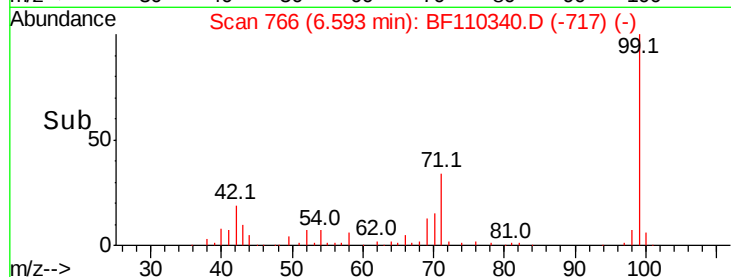
99 100

42 19.4 15.8 23.6

71 34.3 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: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

Tgt Ion: 136 Resp: 231761

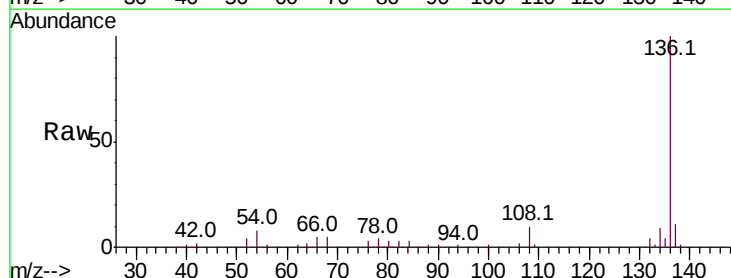
Ion Ratio Lower Upper

136 100

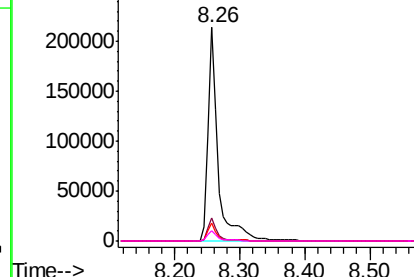
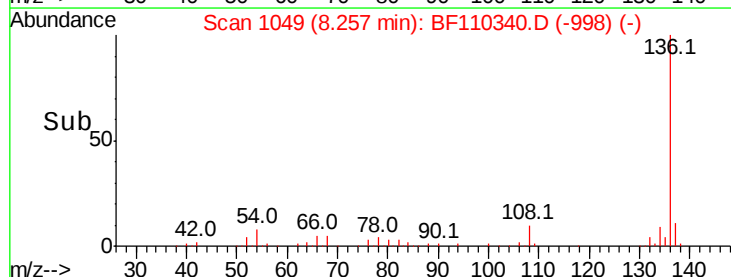
137 10.7 8.8 13.2

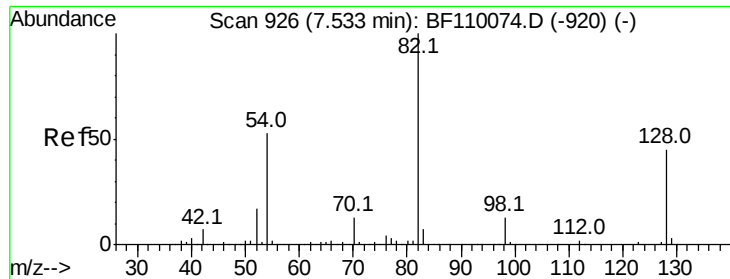
54 8.2 5.4 8.2#

68 4.9 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

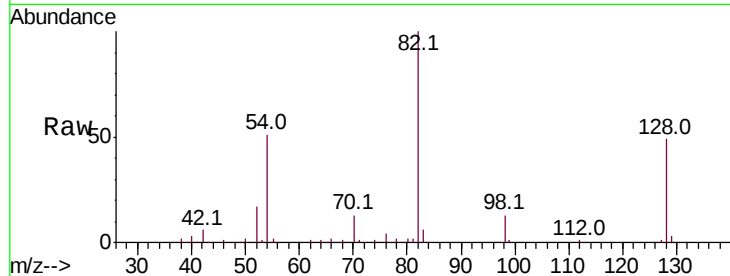




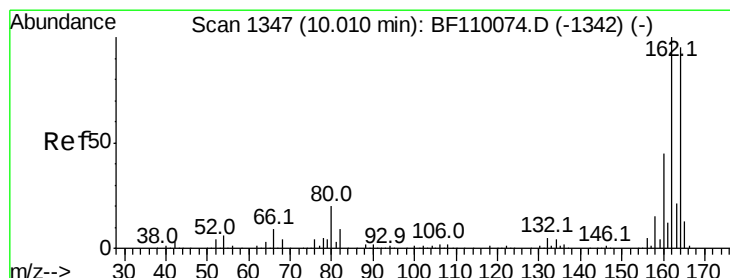
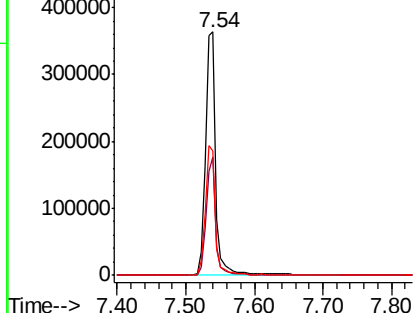
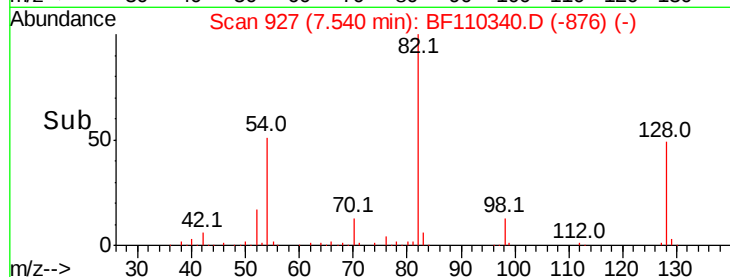
#23
 Nitrobenzene-d5
 Concen: 100.537 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Tot Ion: 82 Resp: 392841
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.2 51.2
 54 51.4 38.6 58.0

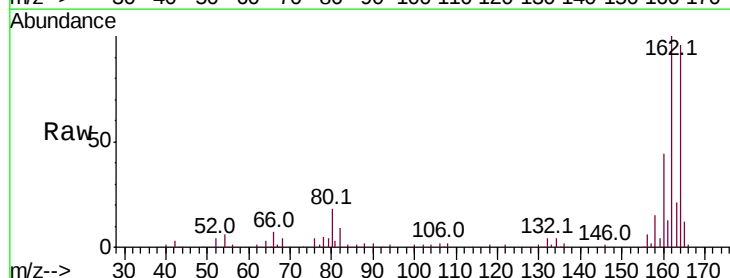


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

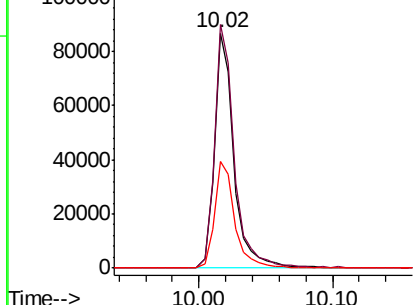
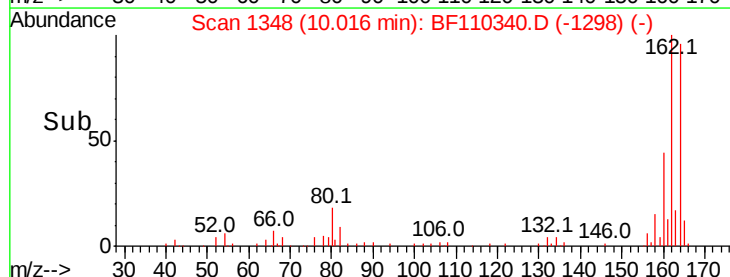


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Tgt Ion:164 Resp: 88694
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.0 124.6
 160 45.3 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

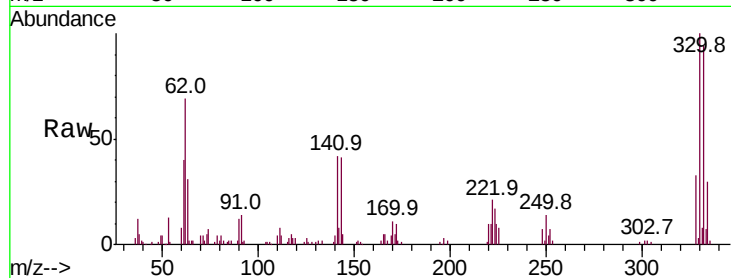




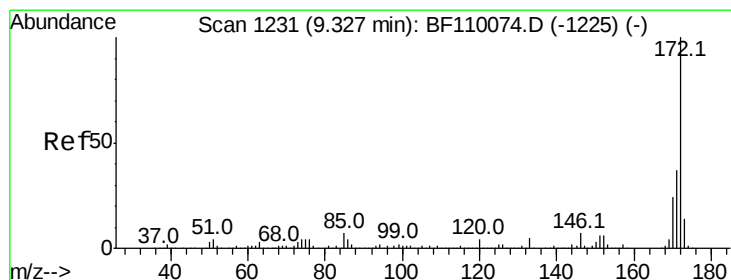
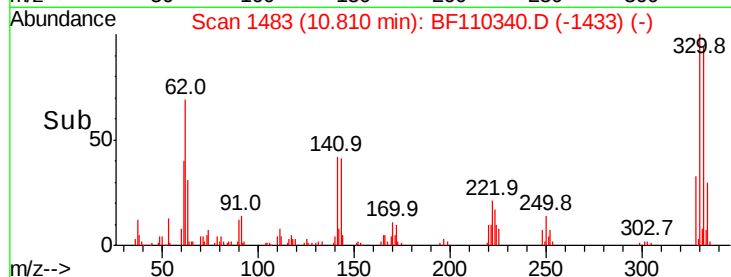
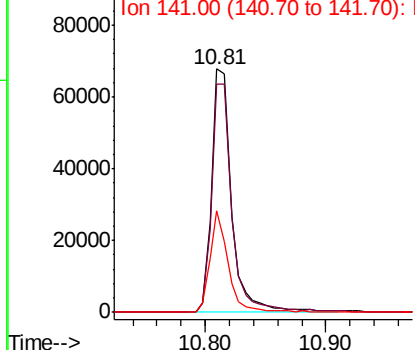
#42
 2,4,6-Tribromophenol
 Concen: 87.963 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 102918-TIPC-E-U-M

Tot Ion:330 Resp: 77282
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 37.6 27.0 40.4

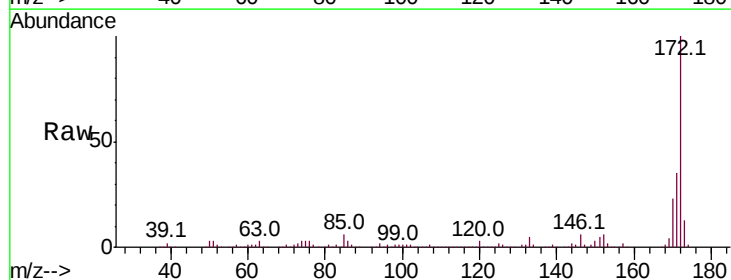


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

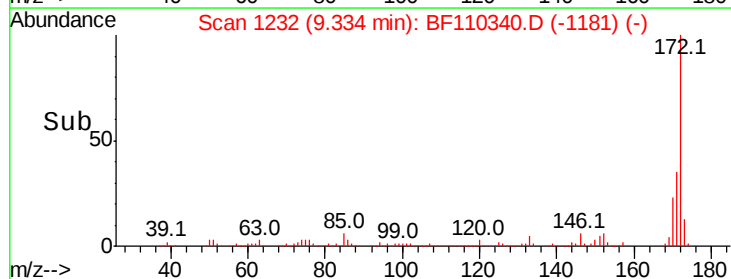
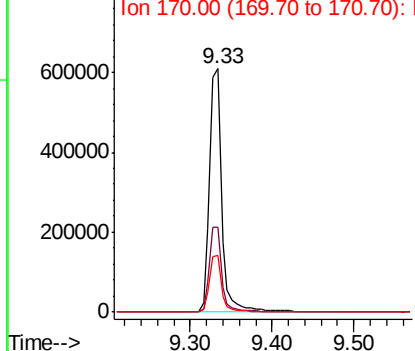


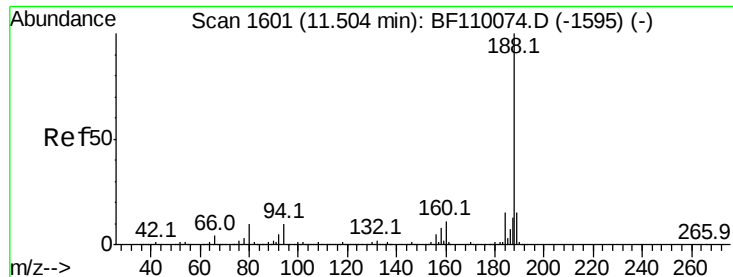
#45
 2-Fluorobiphenyl
 Concen: 112.240 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110340.D
 Acq: 31 Oct 2018 18:36

Tgt Ion:172 Resp: 633971
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.3 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: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

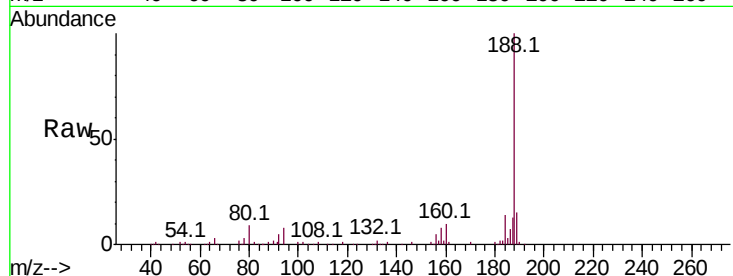
Tot Ion:188 Resp: 166337

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

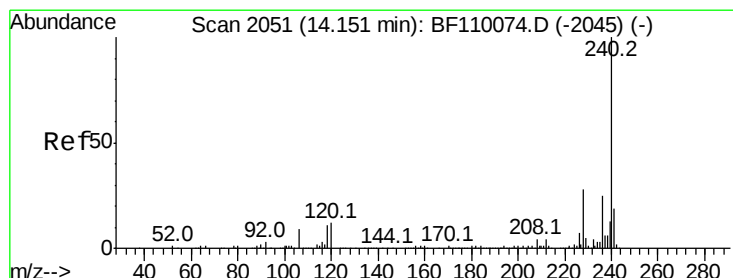
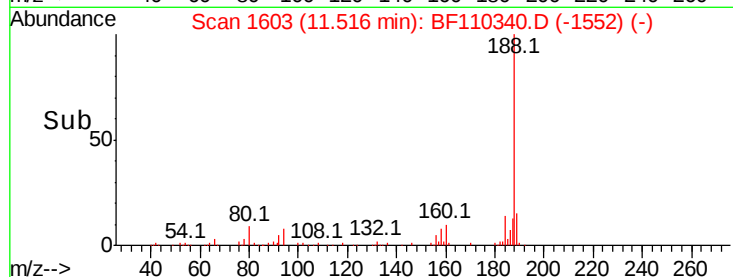
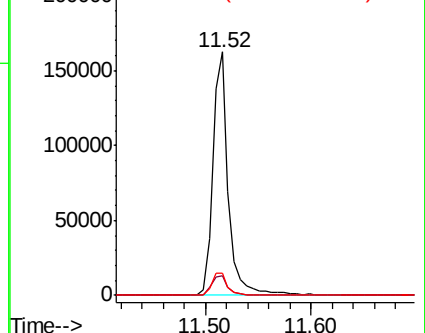
80 8.9 7.9 11.9



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: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

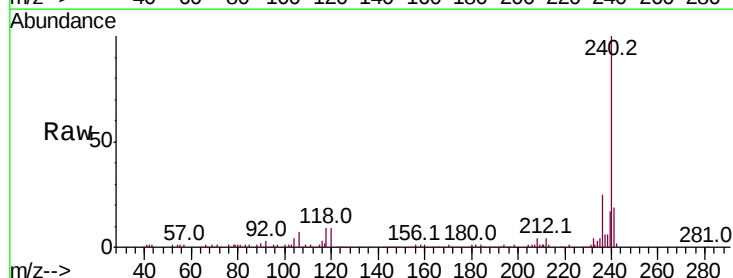
Tgt Ion:240 Resp: 166582

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

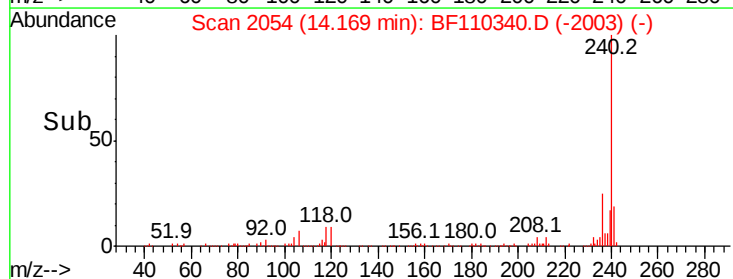
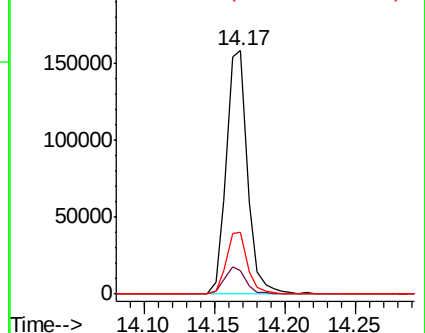
236 25.2 21.2 31.8



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: 81.712 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

Instrument :

BNA_F

ClientSampleId :

102918-TIPC-E-U-M

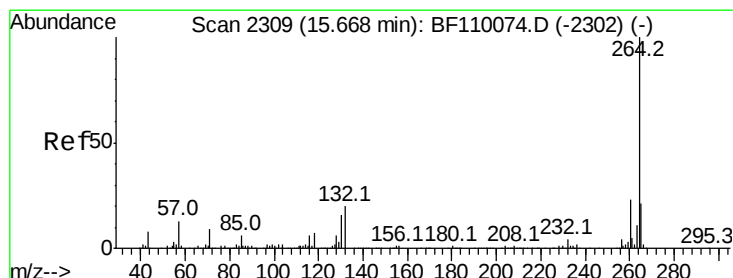
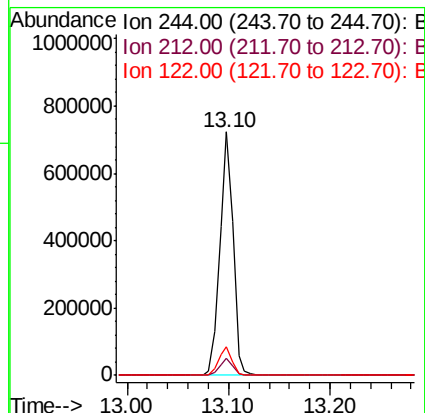
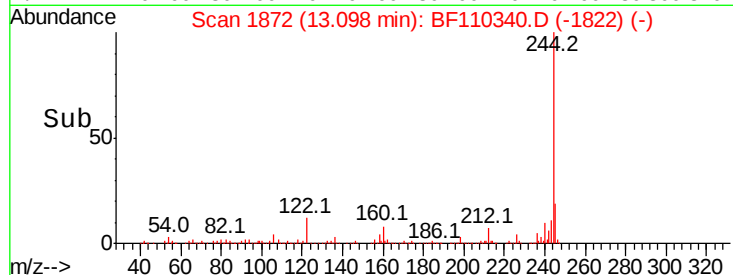
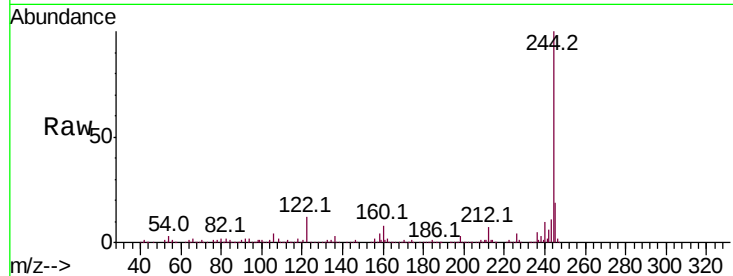
Tot Ion:244 Resp: 654504

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110340.D

Acq: 31 Oct 2018 18:36

Tgt Ion:264 Resp: 101767

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 16.7 25.1

