

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110239.D
 Acq On : 27 Oct 2018 4:38
 Operator : JU/SJ
 Sample : J5686-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-B

Quant Time: Oct 27 06:39:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

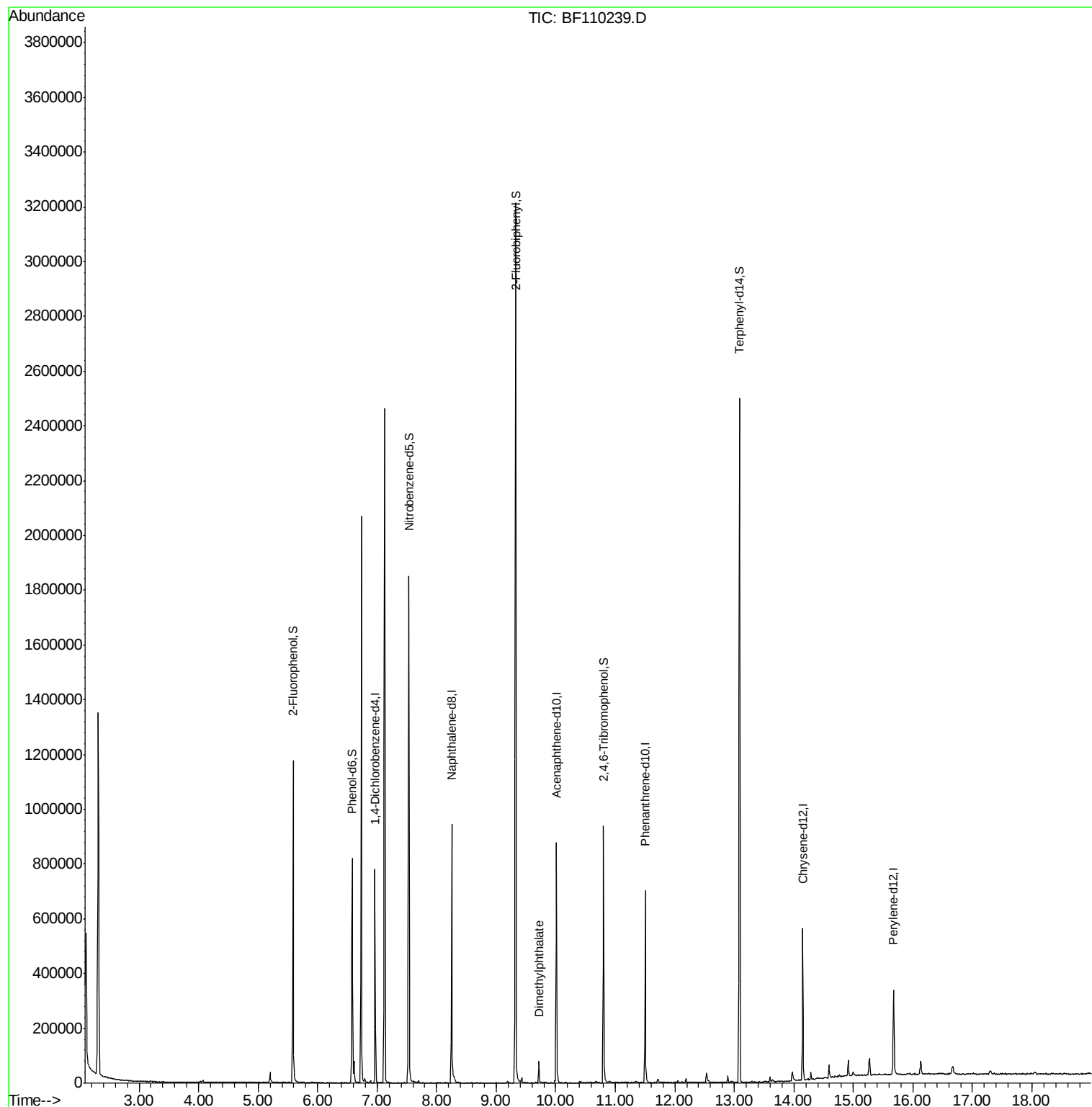
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118362	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	436089	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	168319	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	263457	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	192821	20.00	ng	-0.01
87) Perylene-d12	15.68	264	128893	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	309010	42.51	ng	-0.01
7) Phenol-d6	6.58	99	249292	26.81	ng	-0.02
23) Nitrobenzene-d5	7.53	82	632562	86.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	108991	65.37	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1046690	97.65	ng	-0.01
79) Terphenyl-d14	13.09	244	842389	90.86	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.72	163	37738	3.037	ng	Qvalue 99

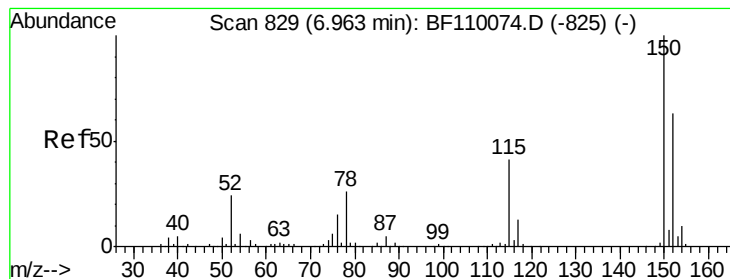
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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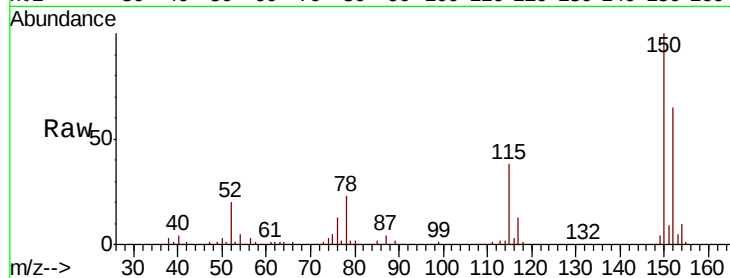




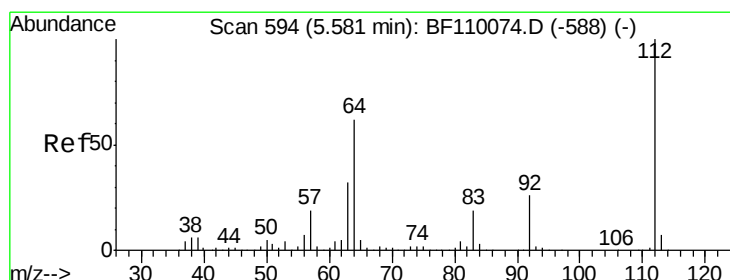
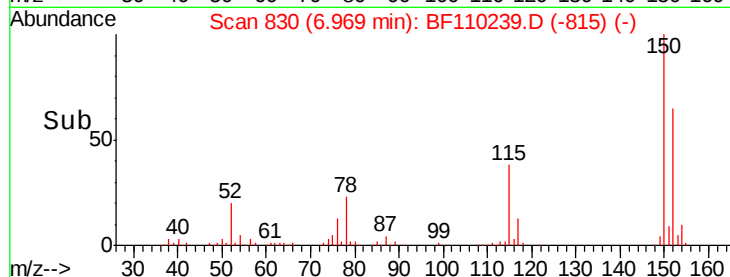
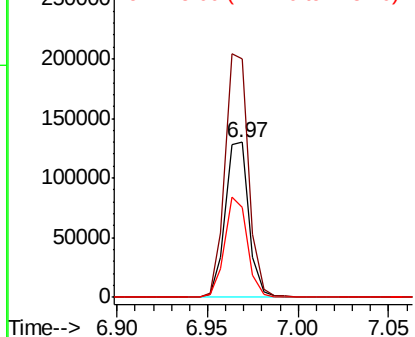
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-B

Tot Ion:152 Resp: 118362
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.7 184.1
 115 58.4 49.1 73.7

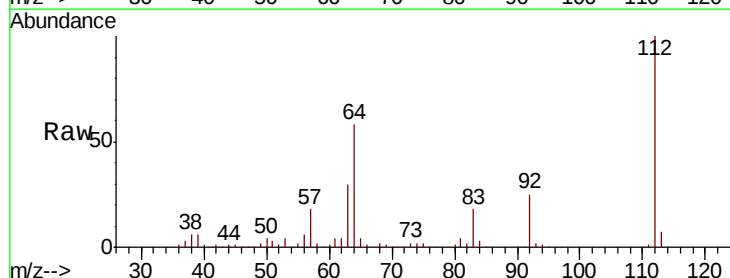


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

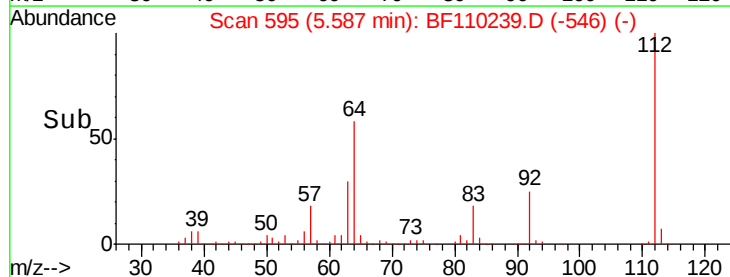
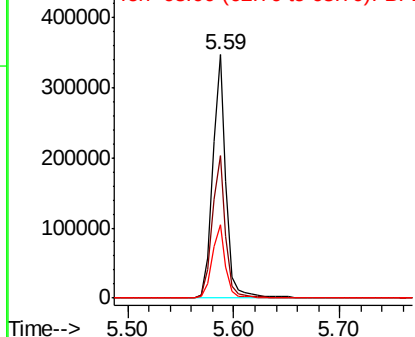


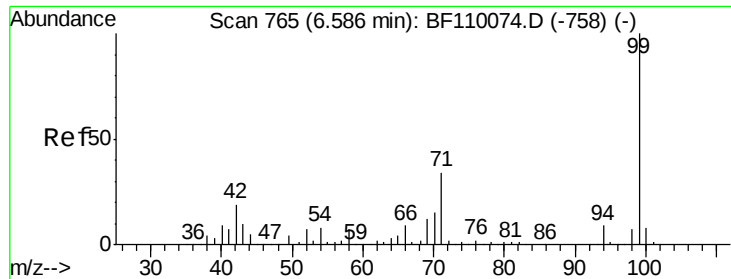
#5
 2-Fluorophenol
 Concen: 42.514 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Tgt Ion:112 Resp: 309010
 Ion Ratio Lower Upper
 112 100
 64 58.3 44.1 66.1
 63 30.4 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: 26.815 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

102418-SIDI-F-U-B

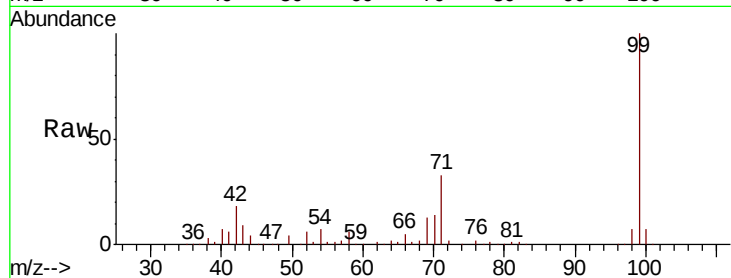
Tot Ion: 99 Resp: 249292

Ion Ratio Lower Upper

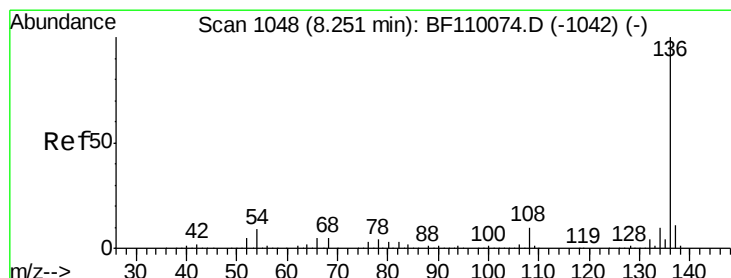
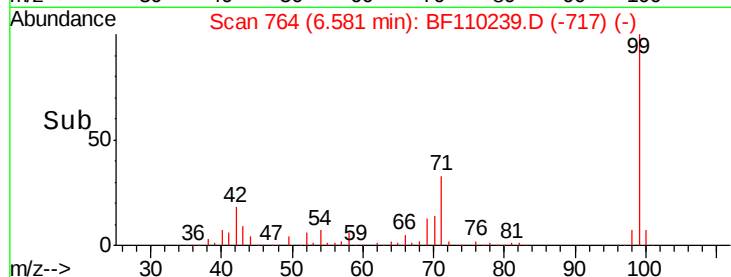
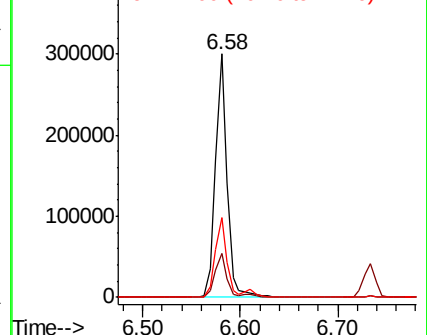
99 100

42 17.8 15.8 23.6

71 32.5 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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Tgt Ion: 136 Resp: 436089

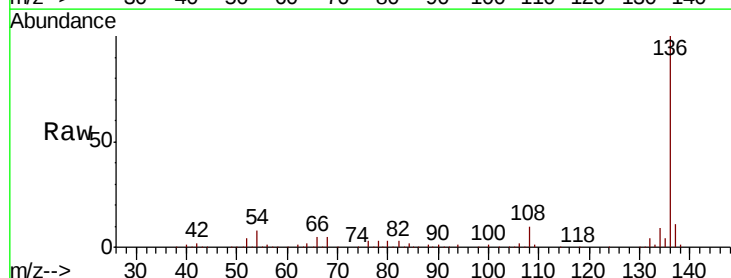
Ion Ratio Lower Upper

136 100

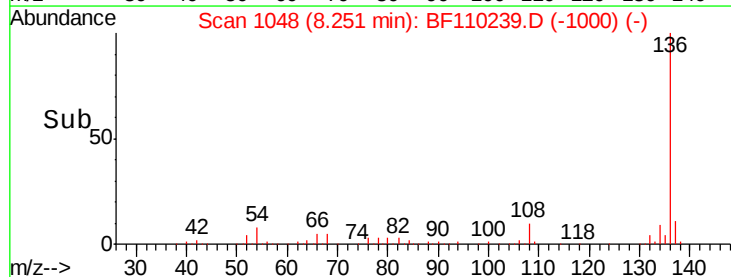
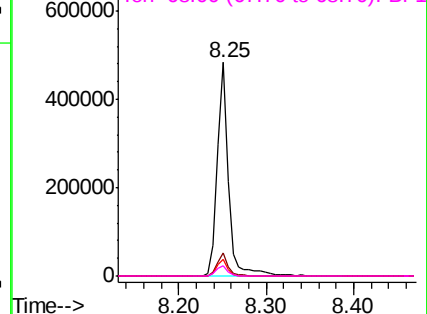
137 10.8 8.8 13.2

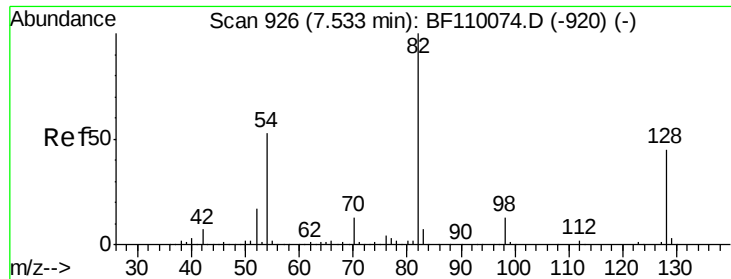
54 7.9 5.4 8.2

68 5.1 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

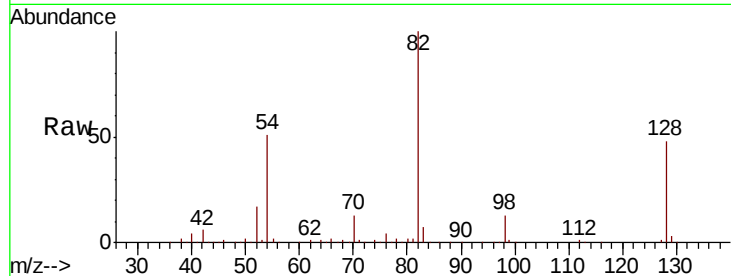




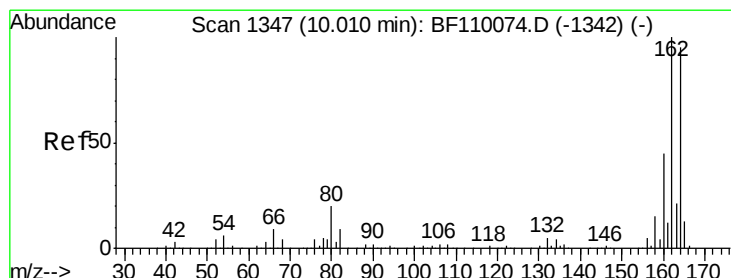
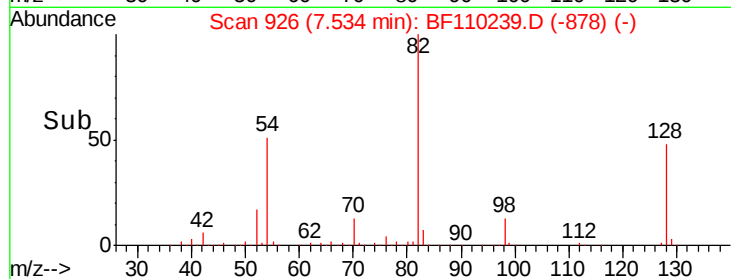
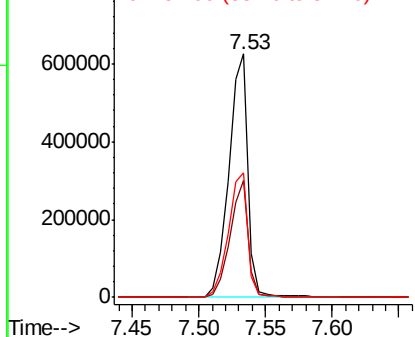
#23
Nitrobenzene-d5
Concen: 86.036 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Instrument :
BNA_F
ClientSampleId :
102418-SIDI-F-U-B

Tot Ion: 82 Resp: 632562
Ion Ratio Lower Upper
82 100
128 48.1 34.2 51.2
54 51.4 38.6 58.0

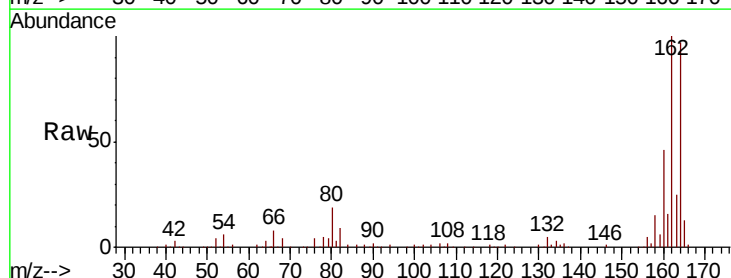


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

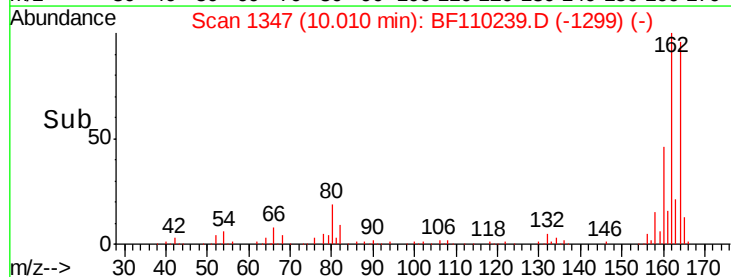
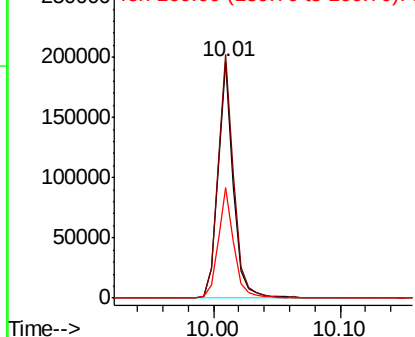


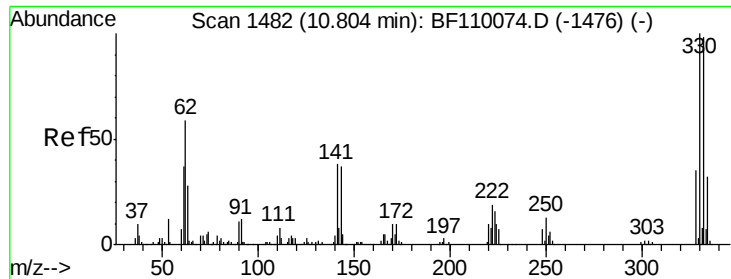
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110239.D
Acq: 27 Oct 2018 4:38

Tgt Ion:164 Resp: 168319
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 47.0 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: 65.369 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

BNA_F

ClientSampleId :

102418-SIDI-F-U-B

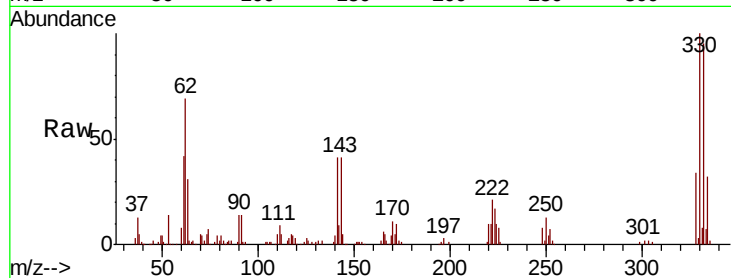
Tot Ion:330 Resp: 108991

Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

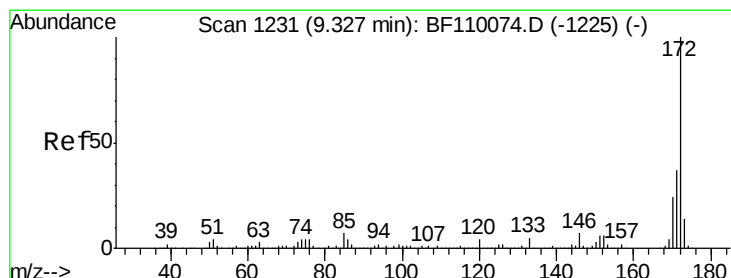
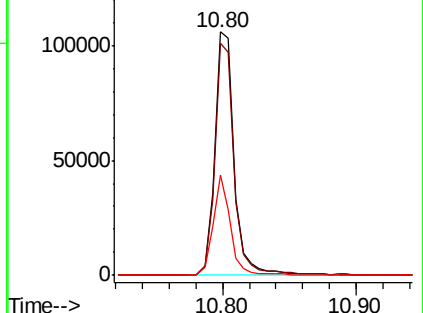
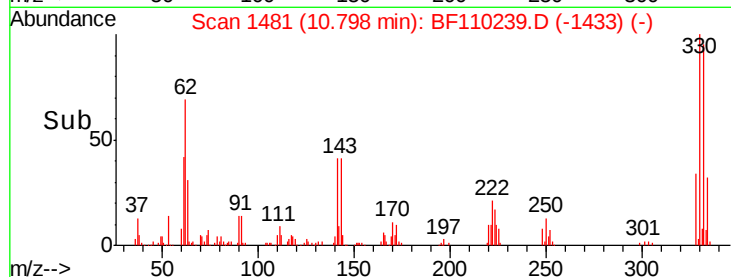
141 36.5 27.0 40.4



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: 97.646 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

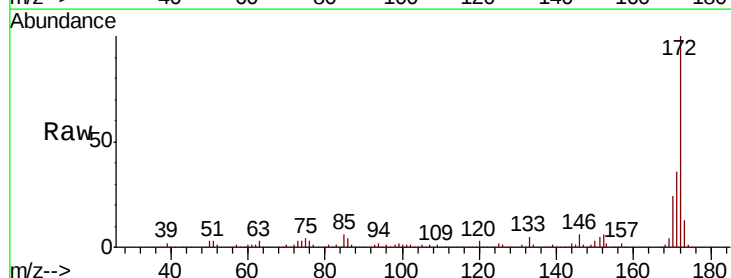
Tgt Ion:172 Resp: 1046690

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

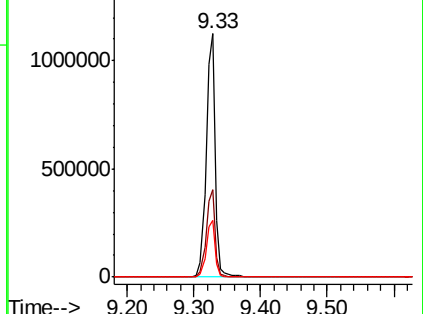
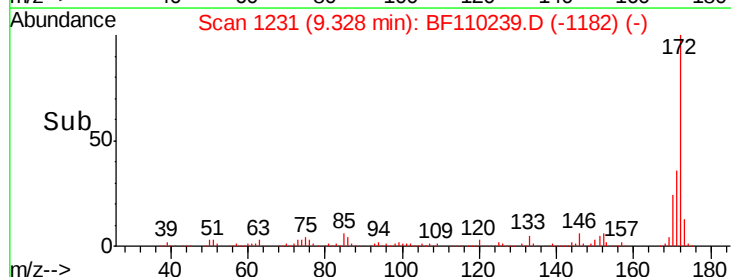
170 23.5 19.7 29.5

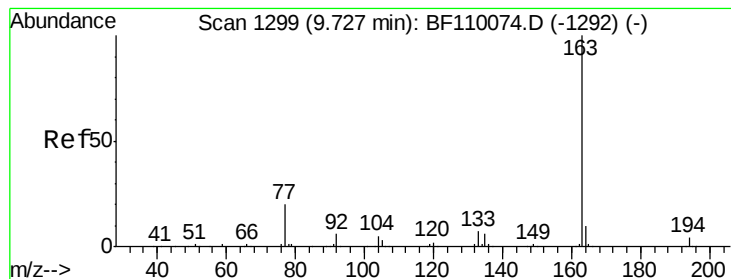


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.037 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

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ClientSampleId :

102418-SIDI-F-U-B

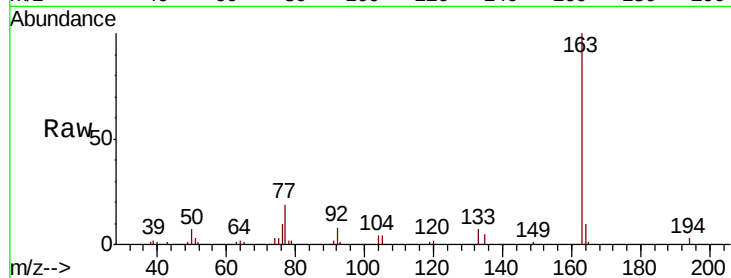
Tot Ion:163 Resp: 37738

Ion Ratio Lower Upper

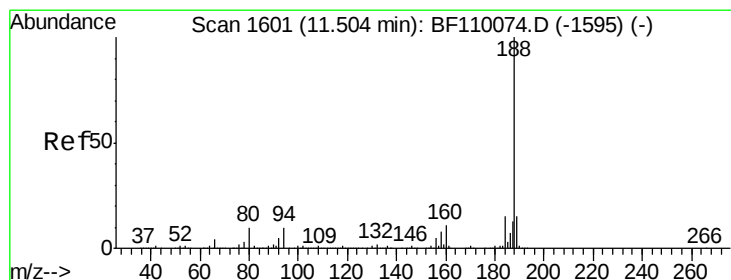
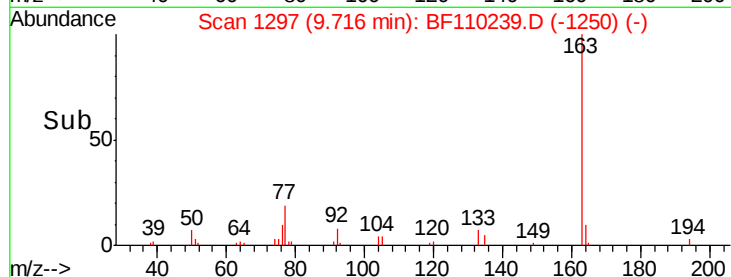
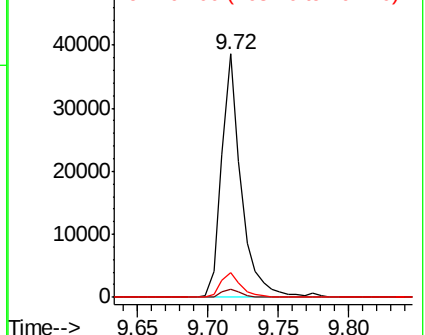
163 100

194 3.3 3.2 4.8

164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

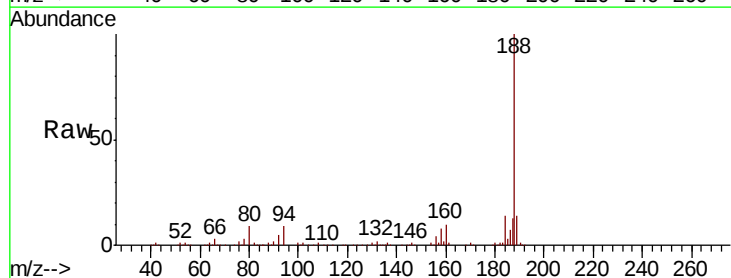
Tgt Ion:188 Resp: 263457

Ion Ratio Lower Upper

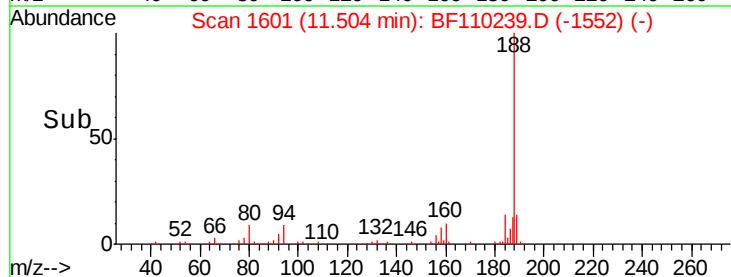
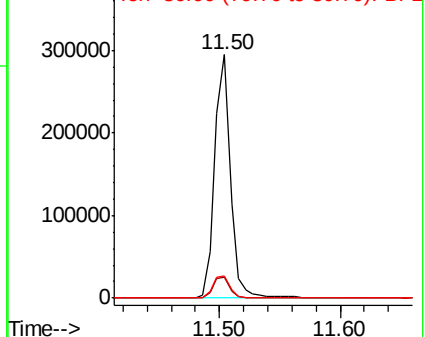
188 100

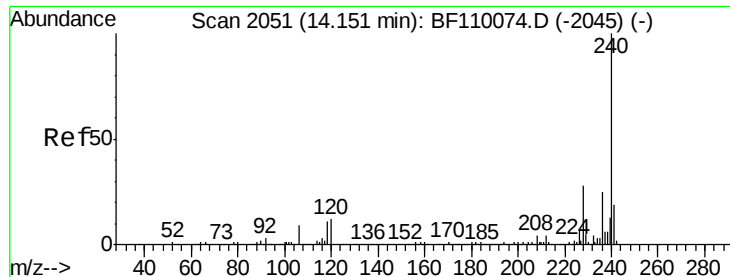
94 8.7 7.2 10.8

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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

Instrument :

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ClientSampleId :

102418-SIDI-F-U-B

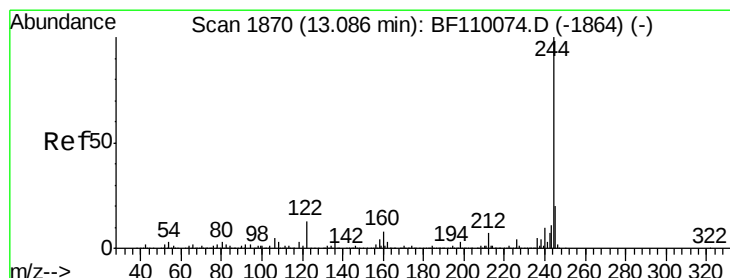
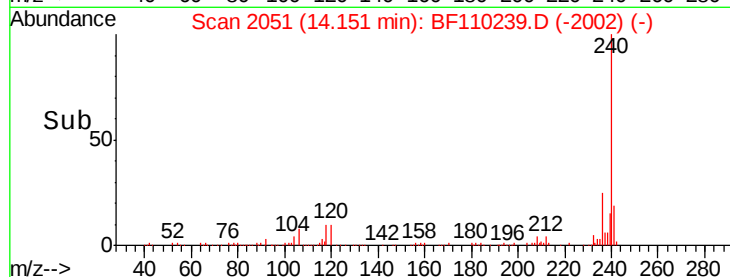
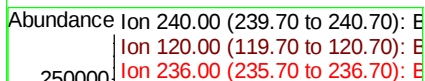
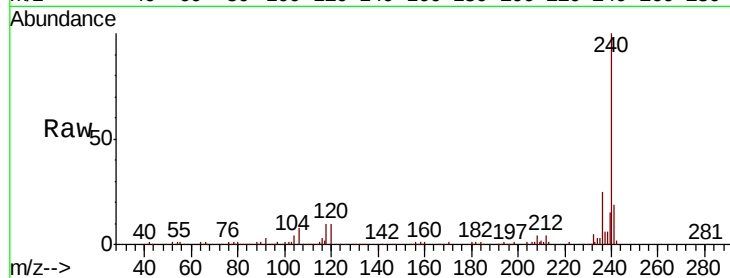
Tot Ion:240 Resp: 192821

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

236 24.8 21.2 31.8



#79

Terphenyl-d14

Concen: 90.858 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110239.D

Acq: 27 Oct 2018 4:38

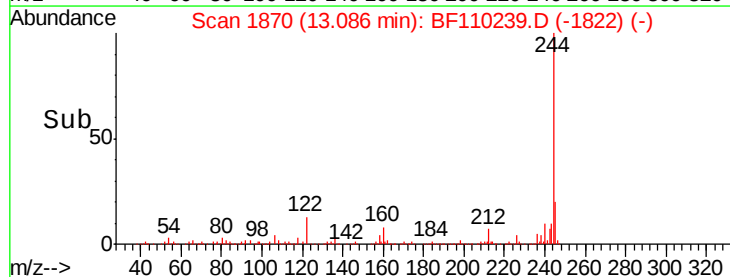
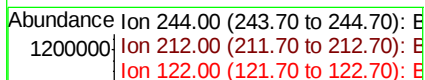
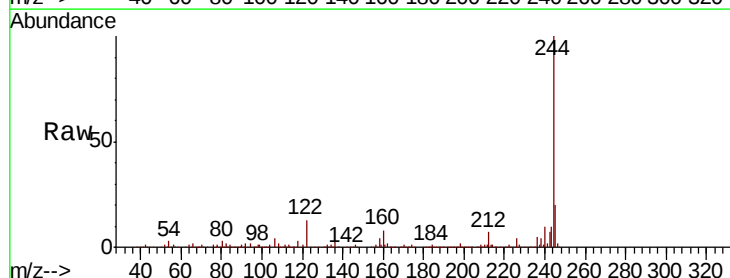
Tgt Ion:244 Resp: 842389

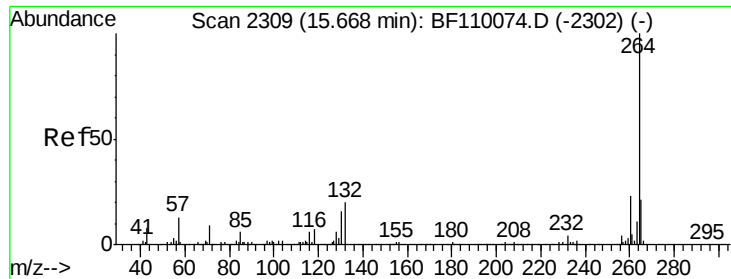
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 13.1 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110239.D
 Acq: 27 Oct 2018 4:38

Instrument :
 BNA_F
 ClientSampleId :
 102418-SIDI-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	20.5	16.7	25.1

