

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110344.D
 Acq On : 31 Oct 2018 20:27
 Operator : JU/SJ
 Sample : J5730-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102918-SIDI-E-U-B

Quant Time: Nov 01 04:32:09 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

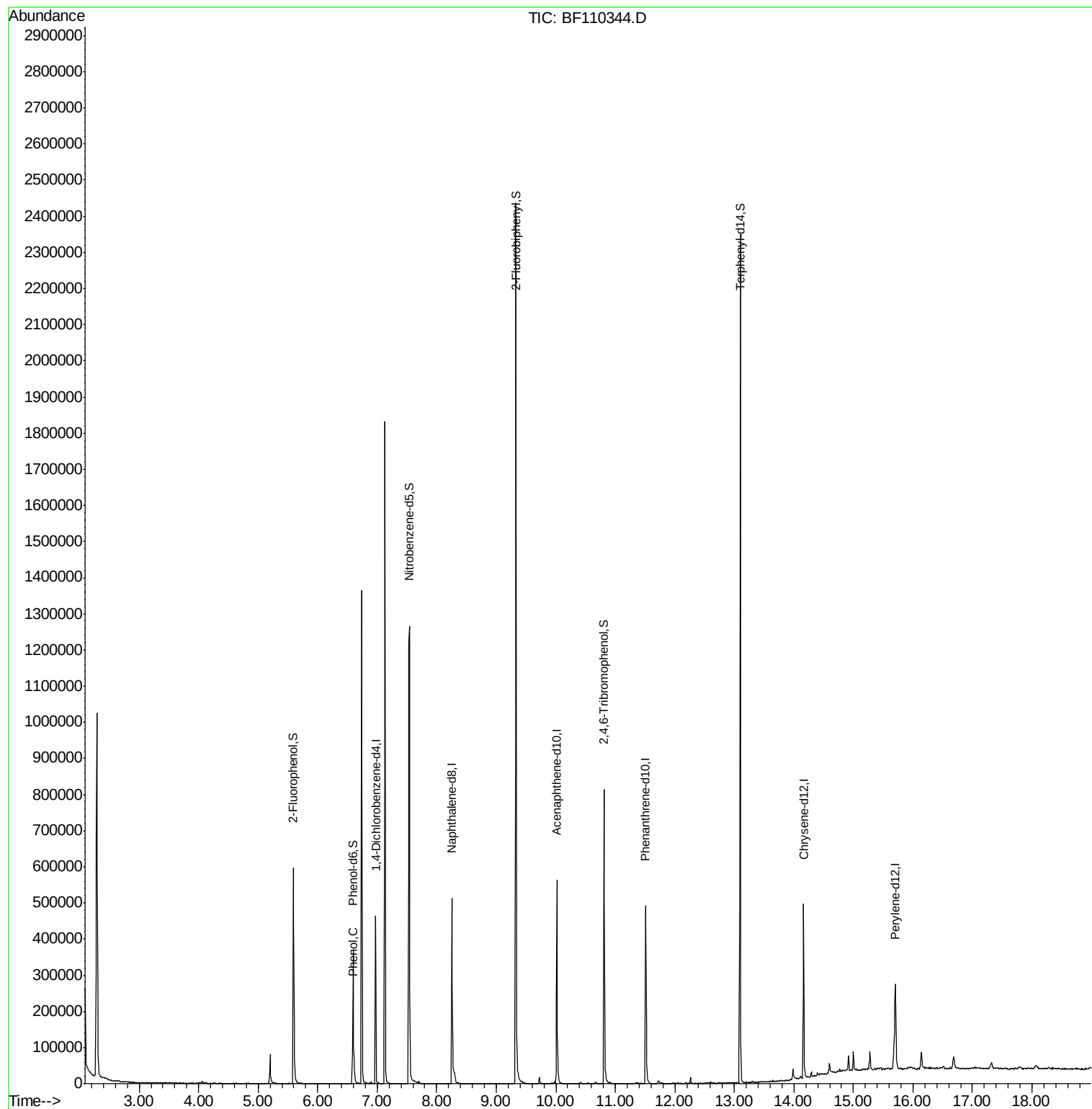
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	71160	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	271361	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	119233	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	211525	20.00	ng	0.00
76) Chrysene-d12	14.16	240	167581	20.00	ng	0.00
87) Perylene-d12	15.70	264	120567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	173837	39.78	ng	0.00
7) Phenol-d6	6.59	99	130708	23.39	ng	-0.01
23) Nitrobenzene-d5	7.54	82	446502	97.59	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	100524	85.11	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	827200	108.94	ng	0.00
79) Terphenyl-d14	13.10	244	745768	92.55	ng	0.00
Target Compounds						
10) Phenol	6.60	94	17054	2.854	ng	Qvalue # 67

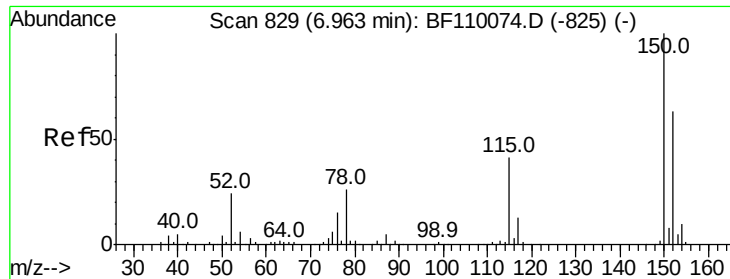
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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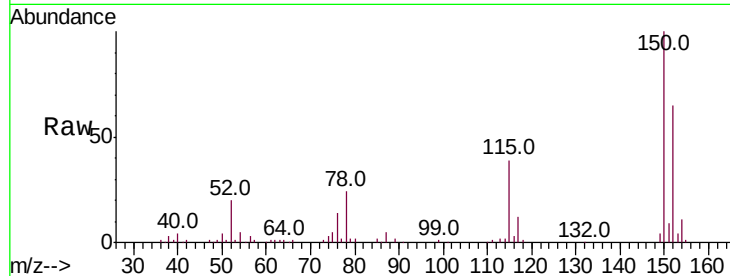


#1

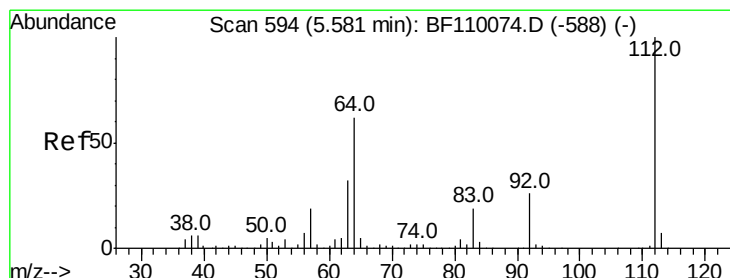
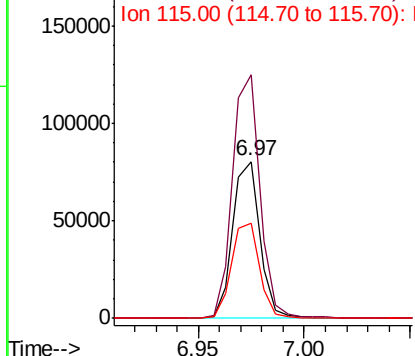
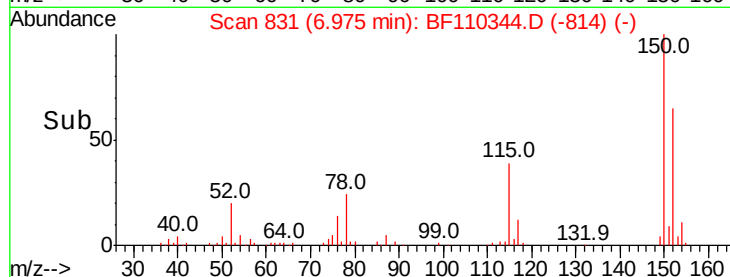
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Instrument :
BNA_F
ClientSampleId :
102918-SIDI-E-U-B

Tot Ion:152 Resp: 71160
Ion Ratio Lower Upper
152 100
150 155.0 122.7 184.1
115 60.6 49.1 73.7



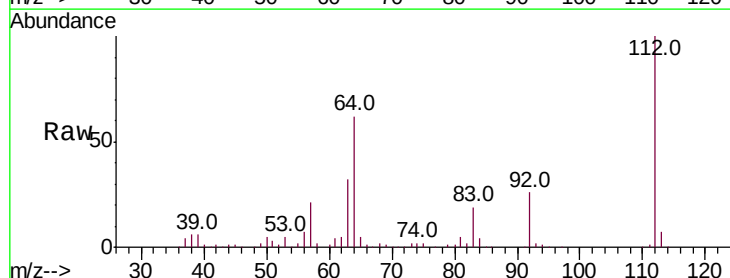
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



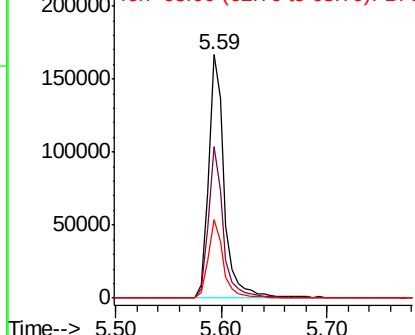
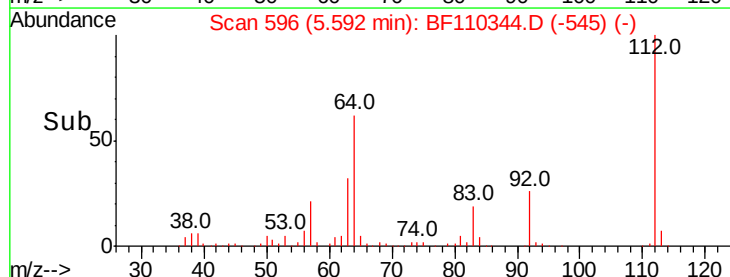
#5

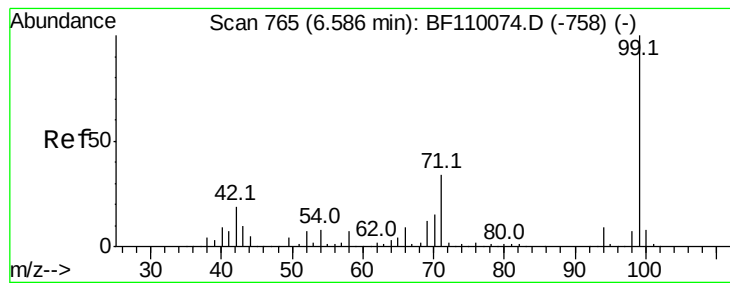
2-Fluorophenol
Concen: 39.782 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110344.D
Acq: 31 Oct 2018 20:27

Tgt Ion:112 Resp: 173837
Ion Ratio Lower Upper
112 100
64 61.9 44.1 66.1
63 32.3 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: 23.385 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-U-B

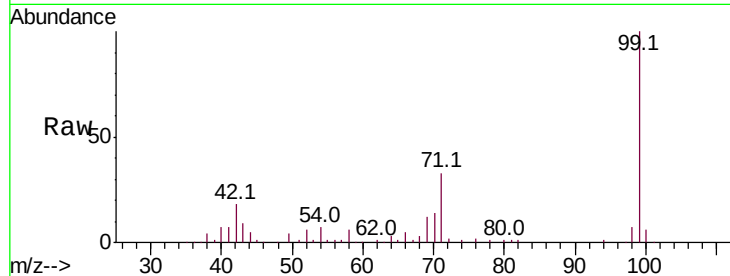
Tot Ion: 99 Resp: 130708

Ion Ratio Lower Upper

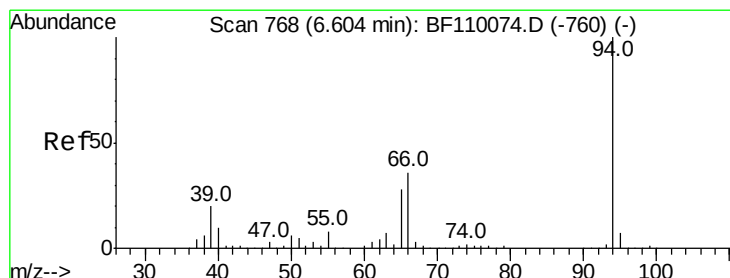
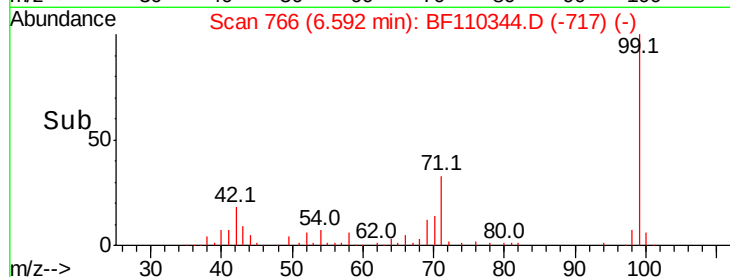
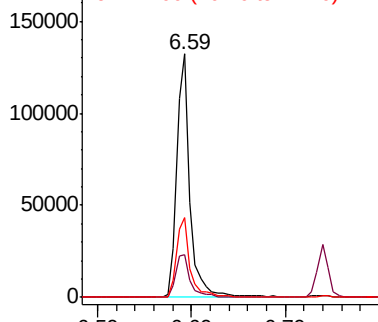
99 100

42 17.6 15.8 23.6

71 32.7 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



#10

Phenol

Concen: 2.854 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

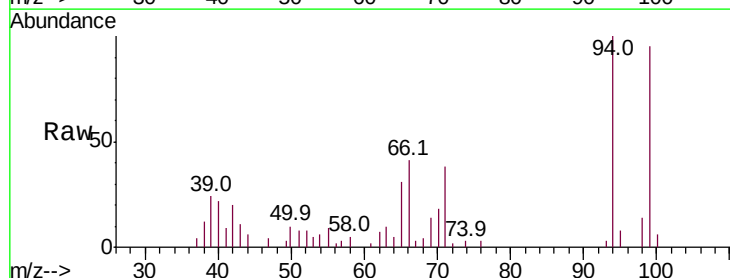
Tgt Ion: 94 Resp: 17054

Ion Ratio Lower Upper

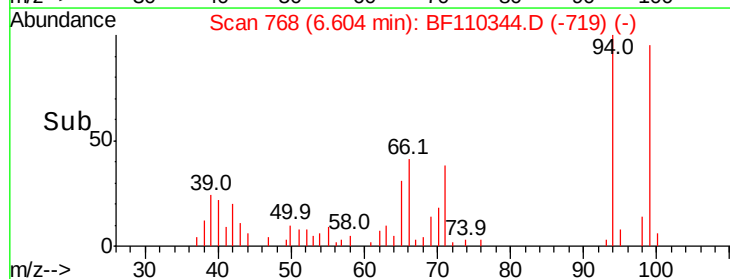
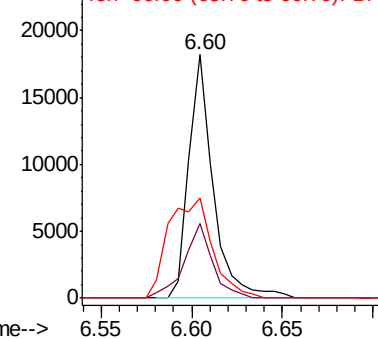
94 100

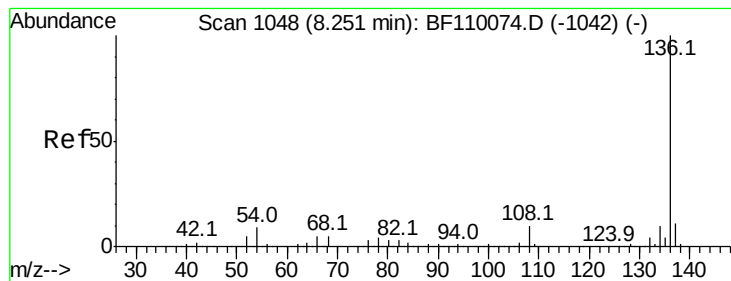
65 30.7 25.3 65.3

66 41.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-U-B

Tot Ion:136 Resp: 271361

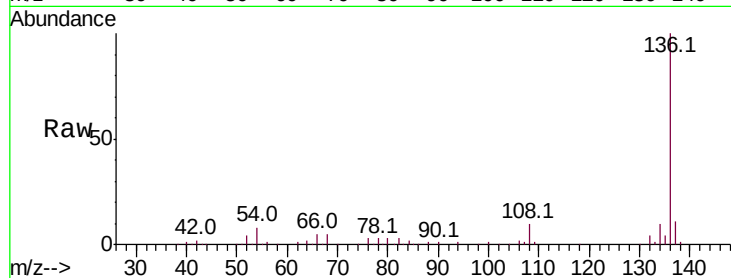
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.5 5.4 8.2

68 5.0 4.2 6.2

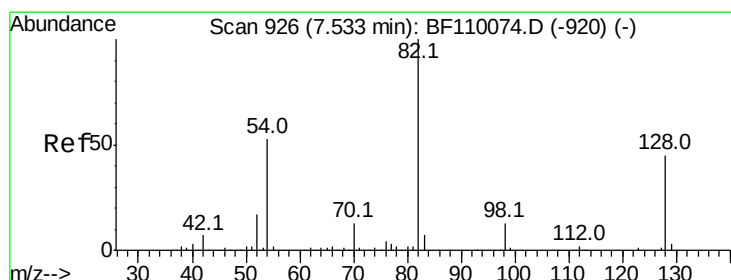
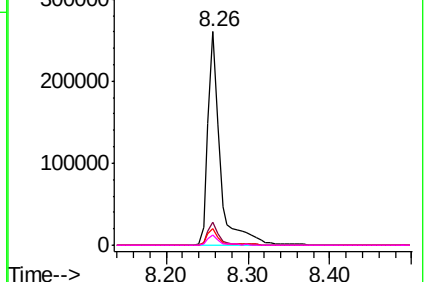
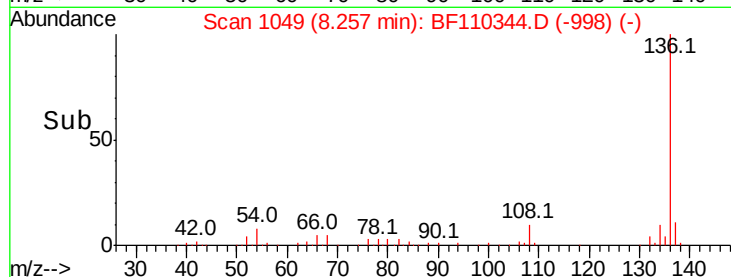


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.595 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

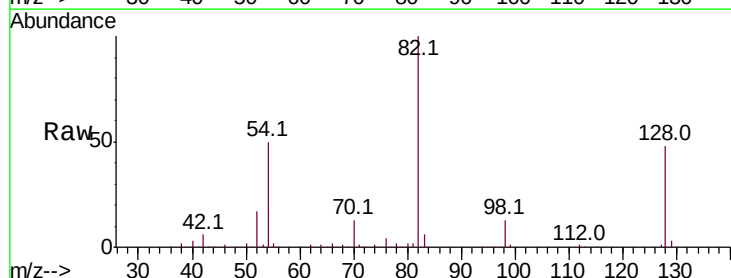
Tgt Ion: 82 Resp: 446502

Ion Ratio Lower Upper

82 100

128 47.6 34.2 51.2

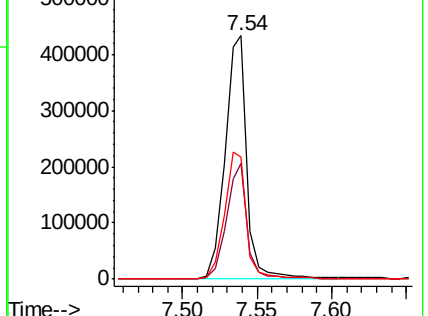
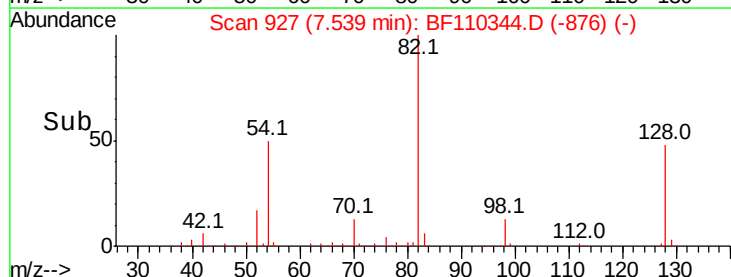
54 49.9 38.6 58.0

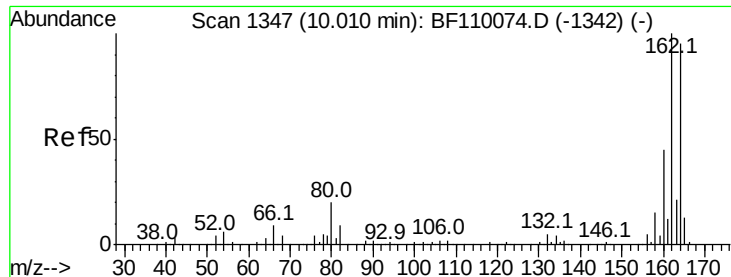


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-U-B

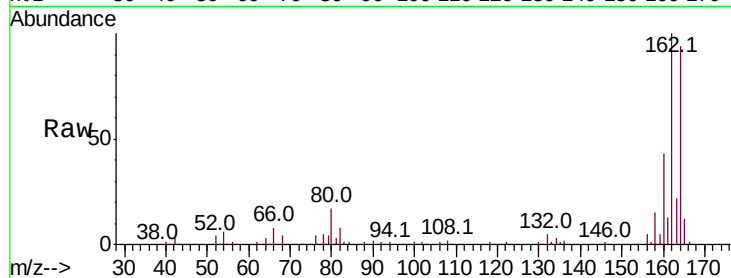
Tot Ion:164 Resp: 119233

Ion Ratio Lower Upper

164 100

162 106.1 83.0 124.6

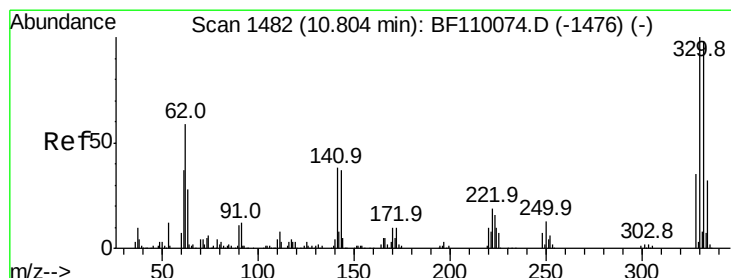
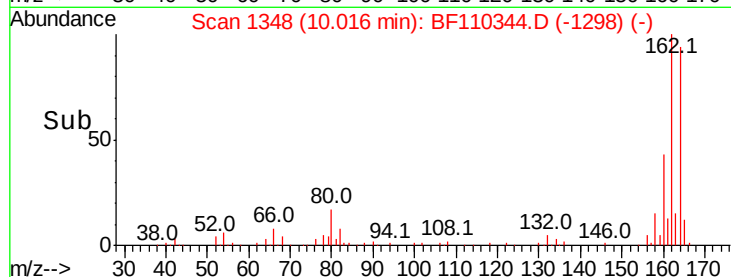
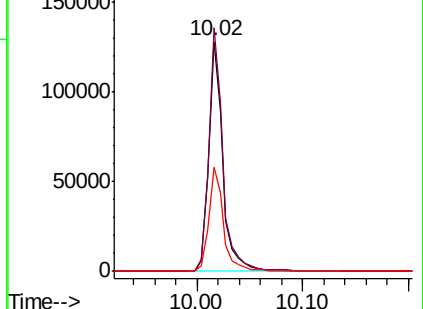
160 45.4 37.0 55.6



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: 85.112 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

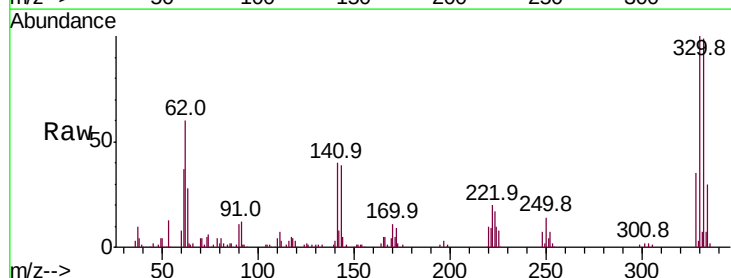
Tgt Ion:330 Resp: 100524

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

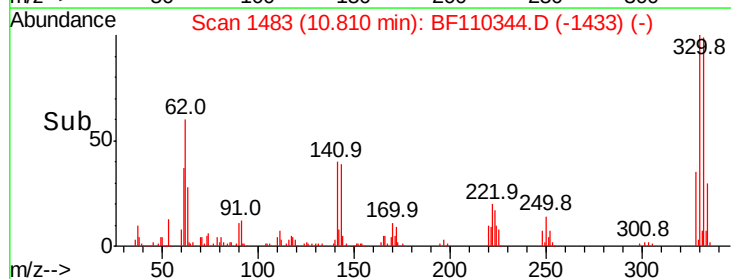
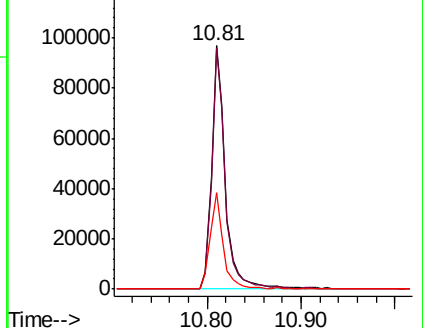
141 38.4 27.0 40.4

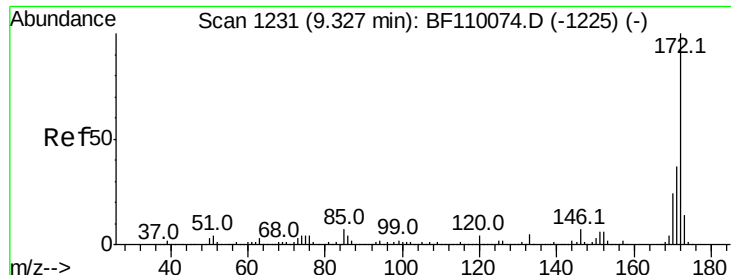


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

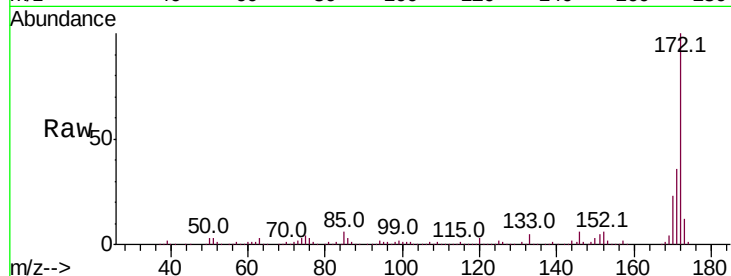




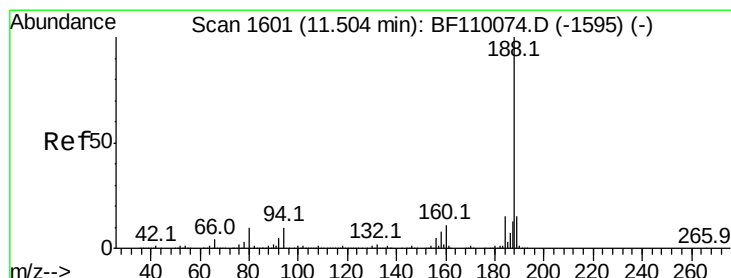
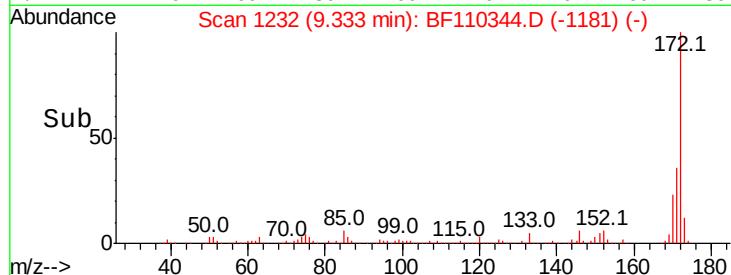
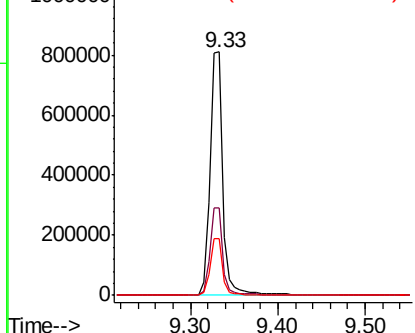
#45
 2-Fluorobiphenyl
 Concen: 108.939 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 102918-SIDI-E-U-B

Tot Ion:172 Resp: 827200
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.3 19.7 29.5

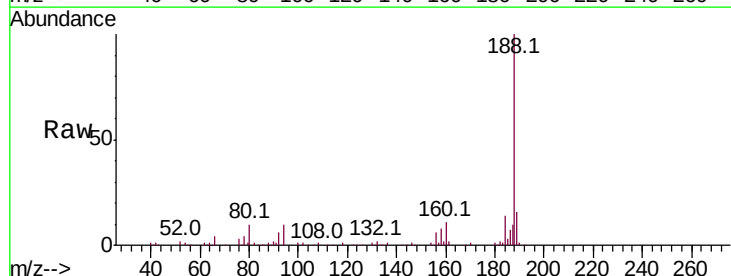


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

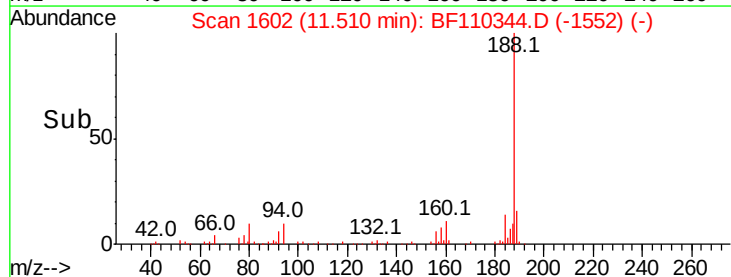
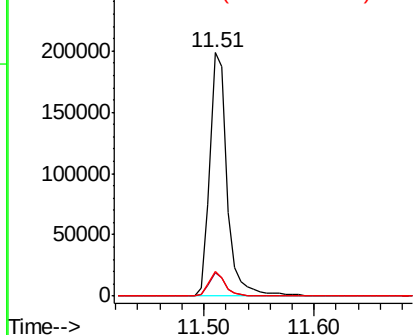


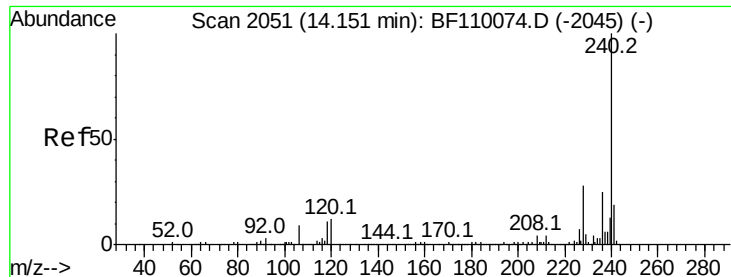
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

Tgt Ion:188 Resp: 211525
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.2 10.8
 80 10.3 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: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

Instrument :

BNA_F

ClientSampleId :

102918-SIDI-E-U-B

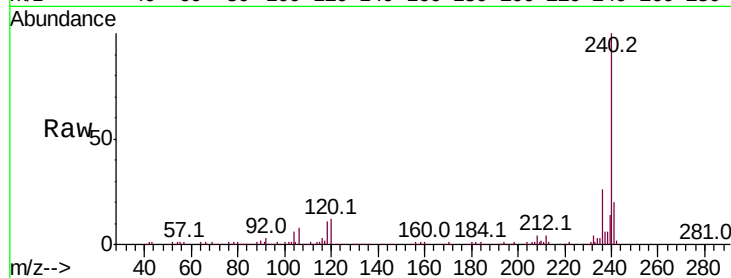
Tot Ion:240 Resp: 167581

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

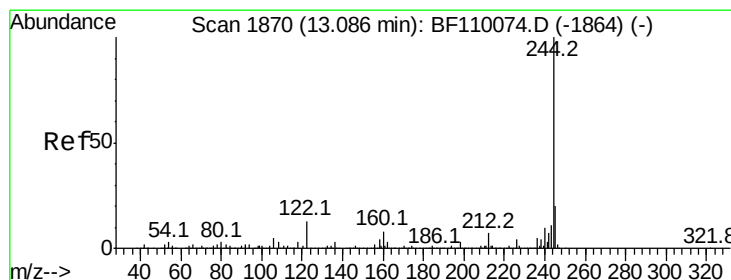
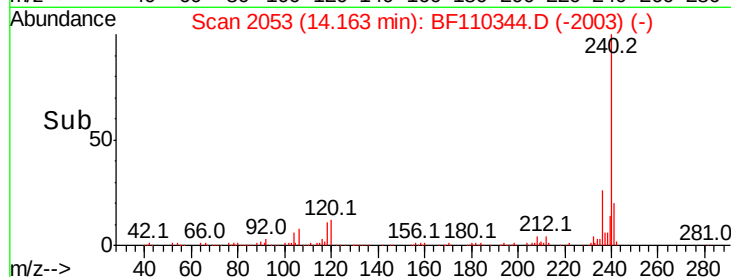
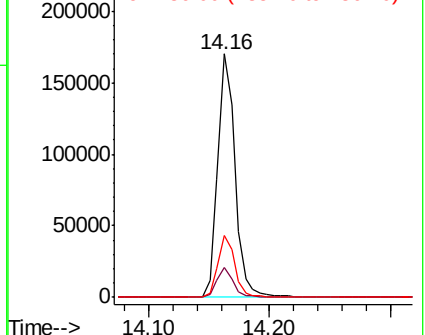
236 25.6 21.2 31.8



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: 92.551 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110344.D

Acq: 31 Oct 2018 20:27

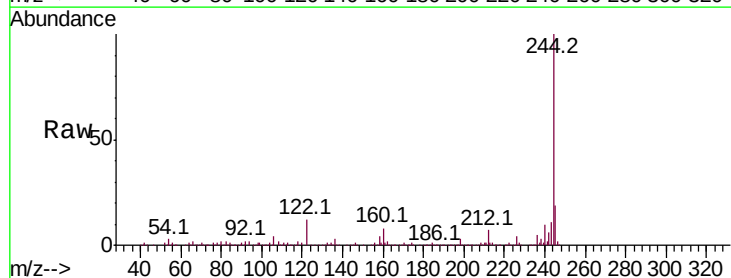
Tgt Ion:244 Resp: 745768

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

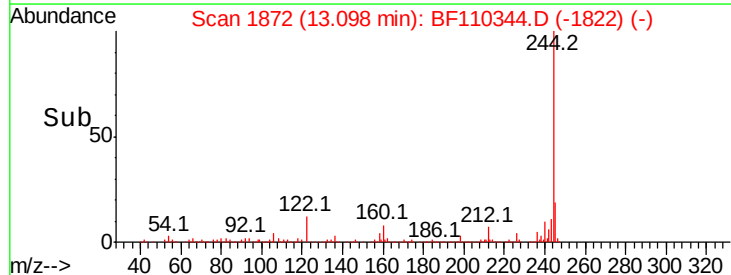
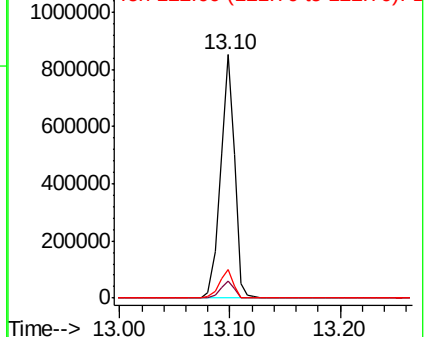
122 12.0 8.7 13.1

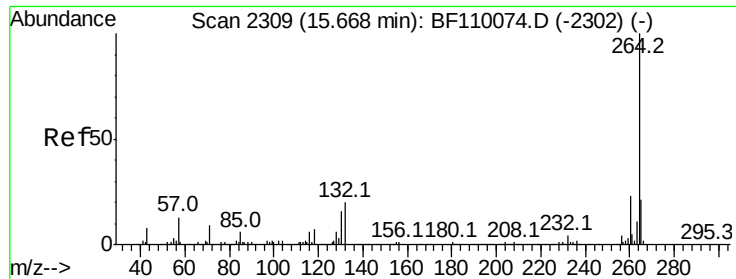


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.00 min
 Lab File: BF110344.D
 Acq: 31 Oct 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 102918-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.2	16.7	25.1

