

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110229.D
 Acq On : 27 Oct 2018 00:06
 Operator : JU/SJ
 Sample : J5639-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

Quant Time: Oct 27 01:11:02 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

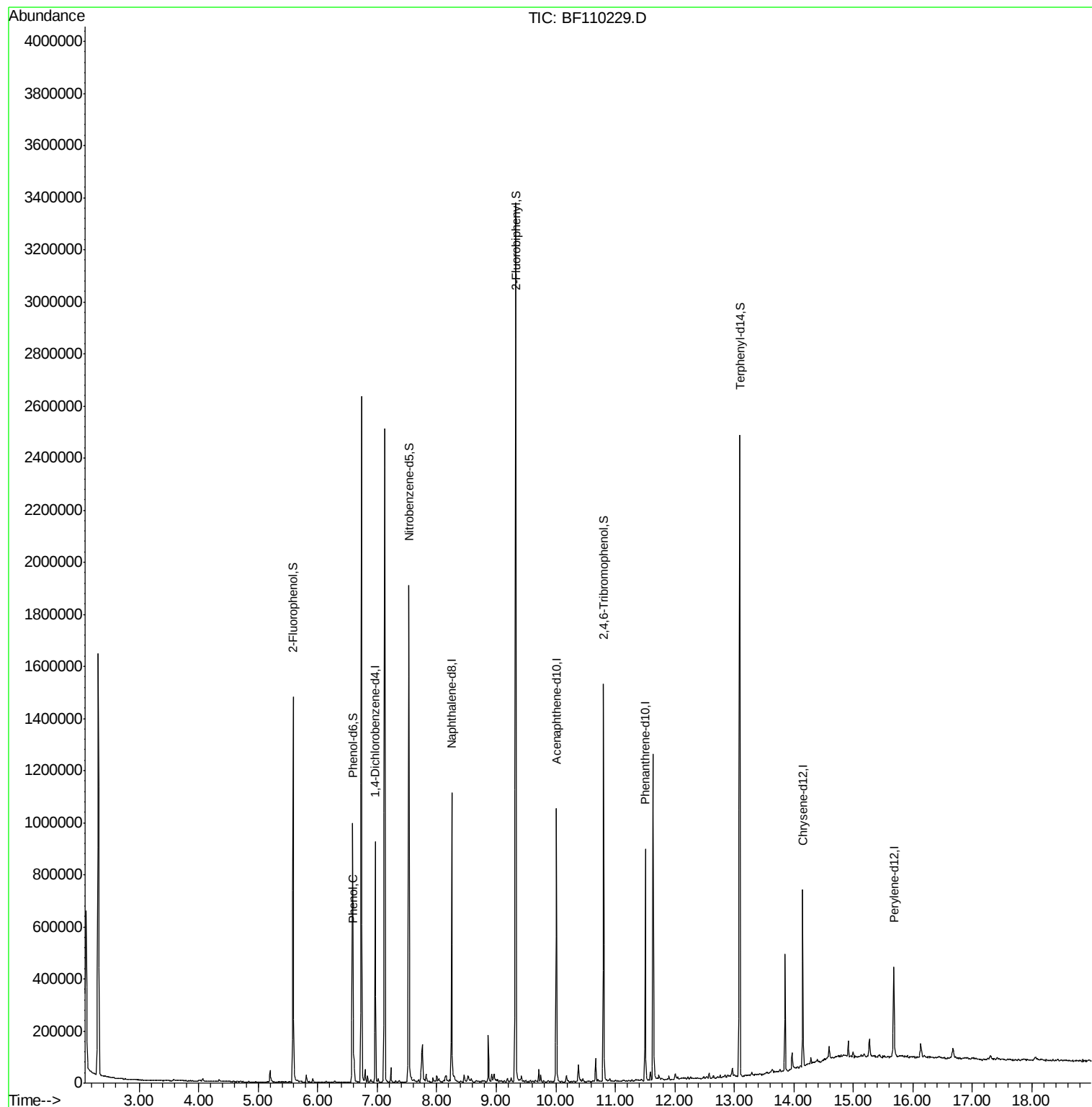
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130844	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	489751	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	190223	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	301633	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	216472	20.00	ng	-0.01
87) Perylene-d12	15.68	264	149530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	415278	51.68	ng	-0.01
7) Phenol-d6	6.59	99	314869	30.64	ng	-0.02
23) Nitrobenzene-d5	7.53	82	640655	77.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	170861	90.68	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1070623	88.38	ng	-0.01
79) Terphenyl-d14	13.09	244	841814	80.88	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	47986	4.368	ng	Qvalue # 63

(#) = 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: BF110229.D

Acq: 27 Oct 2018 00:06

Instrument :

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ClientSampleId :

BS-DRUM

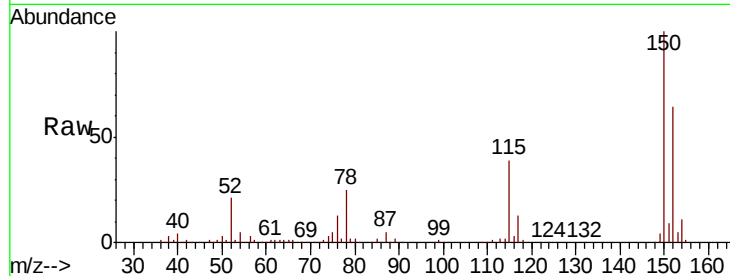
Tot Ion:152 Resp: 130844

Ion Ratio Lower Upper

152 100

150 156.2 122.7 184.1

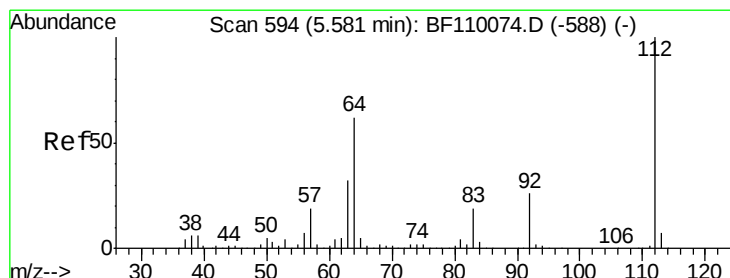
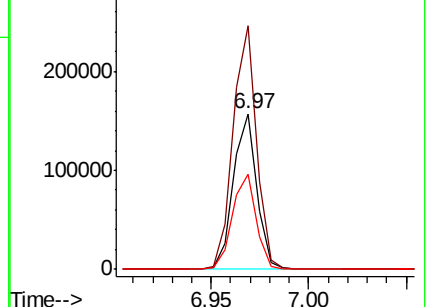
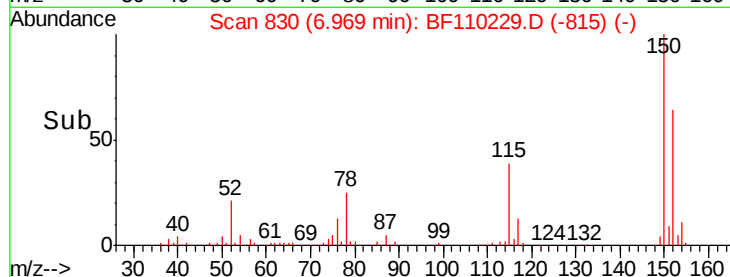
115 61.3 49.1 73.7



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: 51.684 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

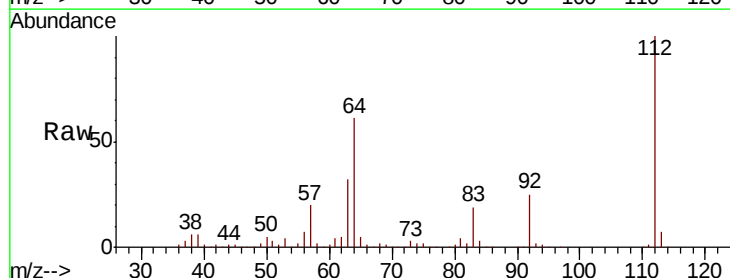
Tgt Ion:112 Resp: 415278

Ion Ratio Lower Upper

112 100

64 61.5 44.1 66.1

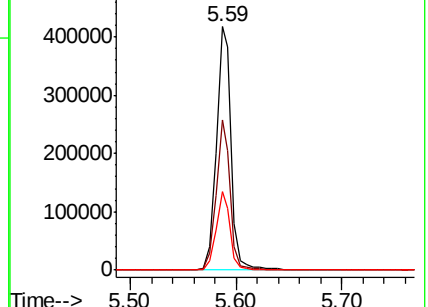
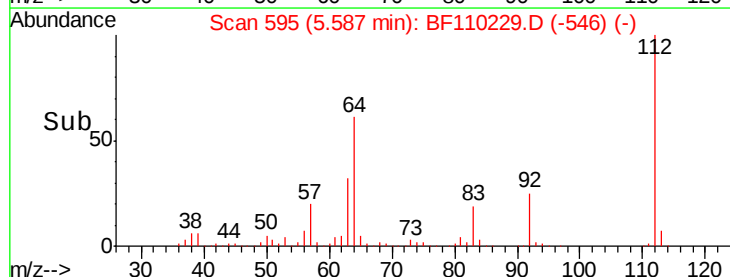
63 32.4 23.7 35.5



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: 30.638 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

Instrument :

BNA_F

ClientSampleId :

BS-DRUM

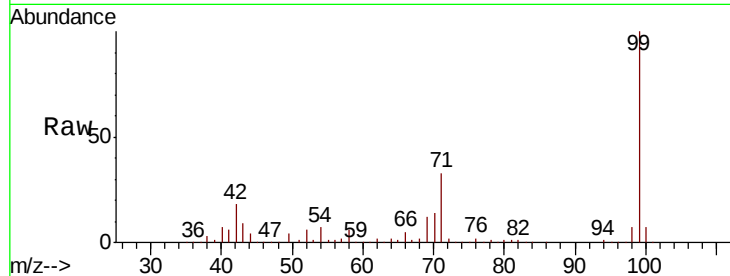
Tot Ion: 99 Resp: 314869

Ion Ratio Lower Upper

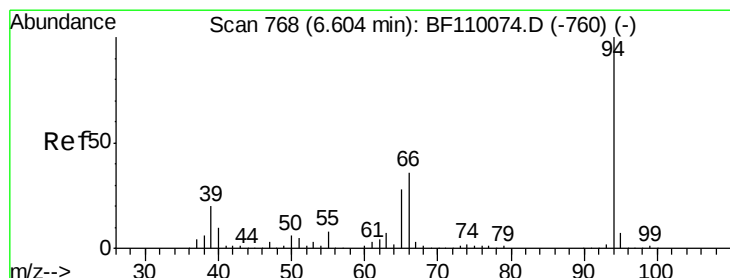
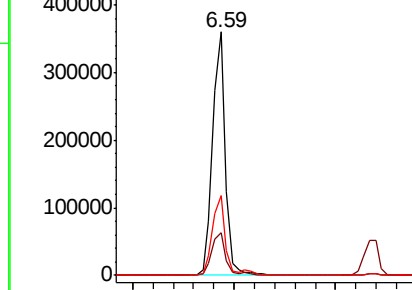
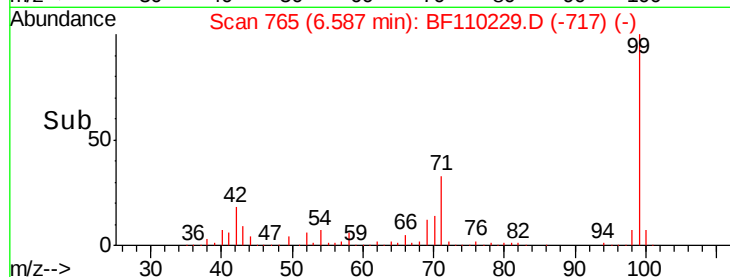
99 100

42 17.8 15.8 23.6

71 32.6 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: 4.368 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

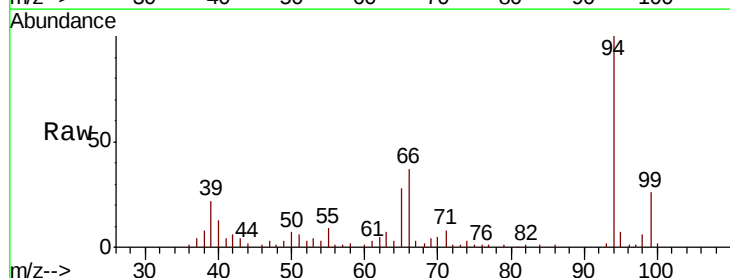
Tgt Ion: 94 Resp: 47986

Ion Ratio Lower Upper

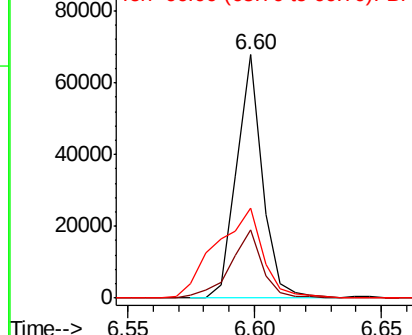
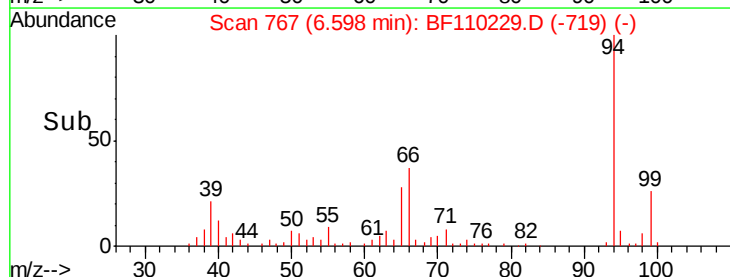
94 100

65 28.0 25.3 65.3

66 37.2 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

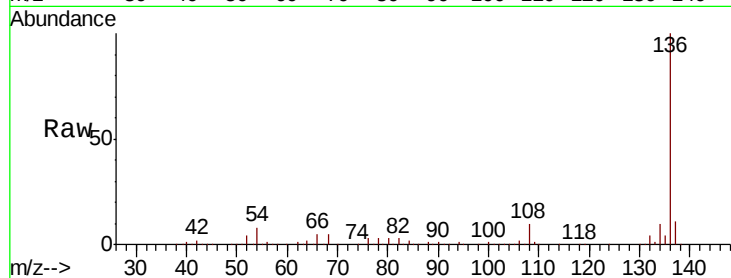




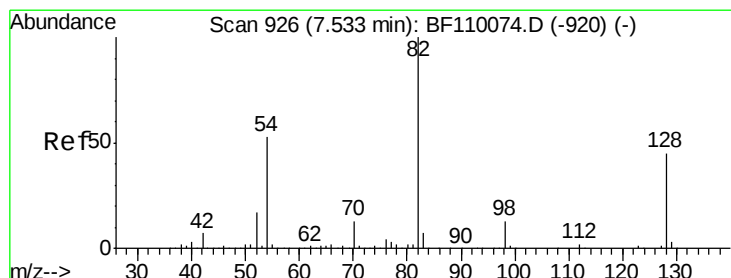
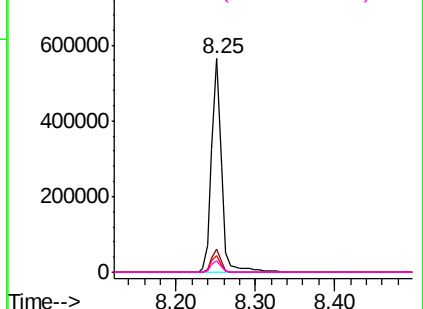
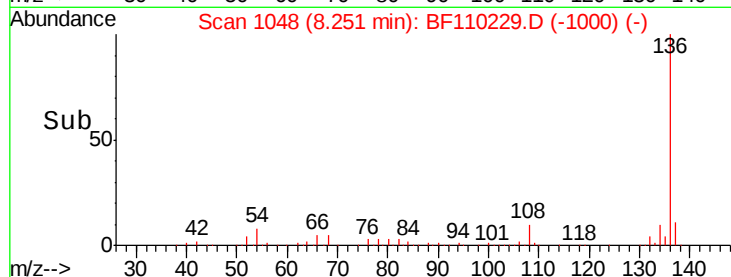
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Instrument :
BNA_F
ClientSampleId :
BS-DRUM

Tot Ion:136 Resp: 489751
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 5.4 8.2
68 5.4 4.2 6.2

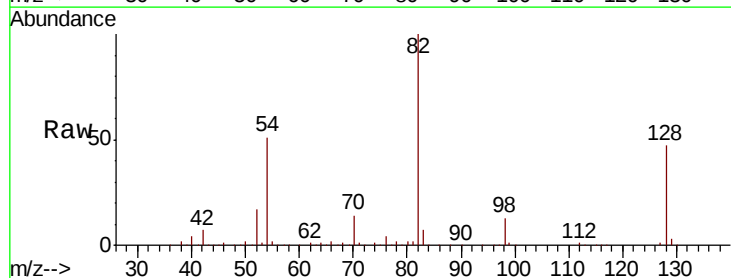


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

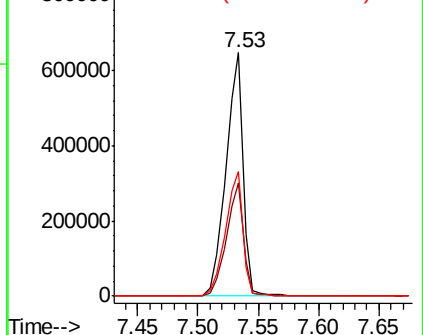
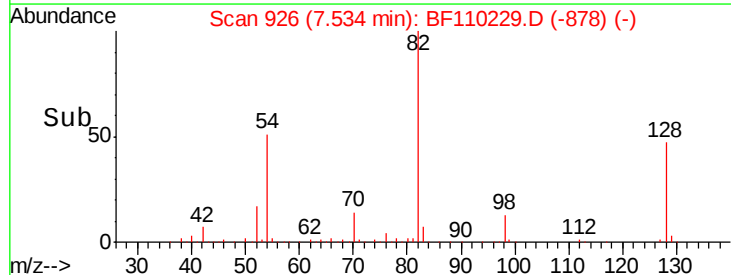


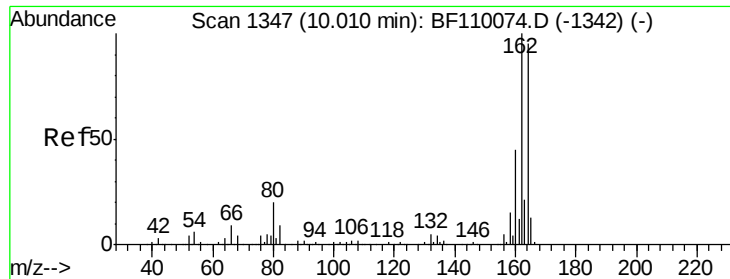
#23
Nitrobenzene-d5
Concen: 77.589 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110229.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 82 Resp: 640655
Ion Ratio Lower Upper
82 100
128 46.5 34.2 51.2
54 51.1 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: BF110229.D

Acq: 27 Oct 2018 00:06

Instrument :

BNA_F

ClientSampleId :

BS-DRUM

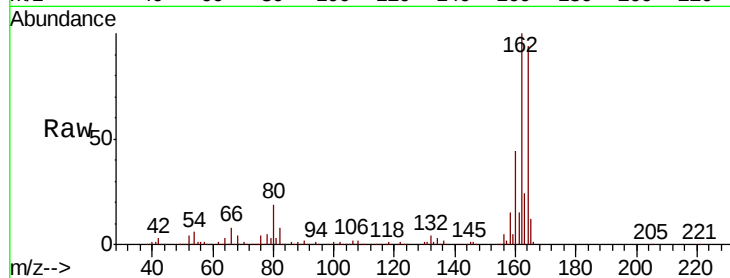
Tot Ion:164 Resp: 190223

Ion Ratio Lower Upper

164 100

162 105.9 83.0 124.6

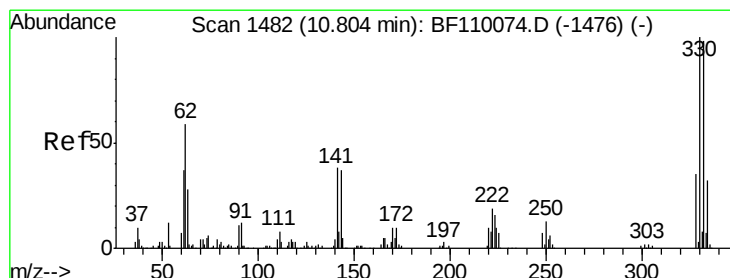
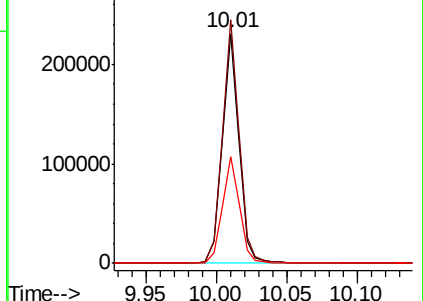
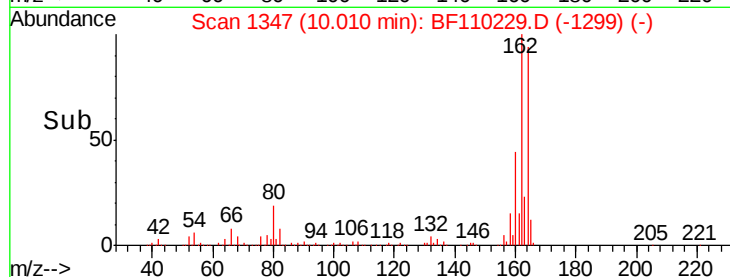
160 46.3 37.0 55.6



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: 90.677 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110229.D

Acq: 27 Oct 2018 00:06

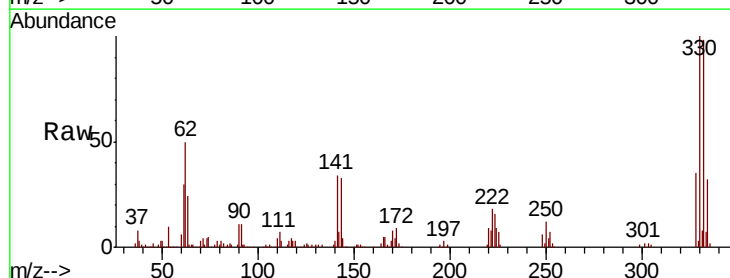
Tgt Ion:330 Resp: 170861

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

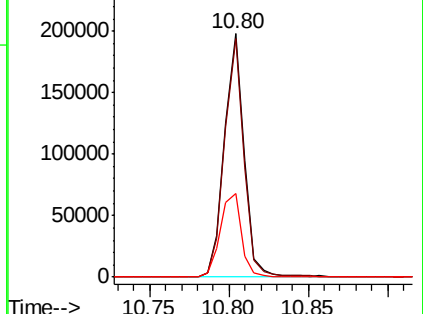
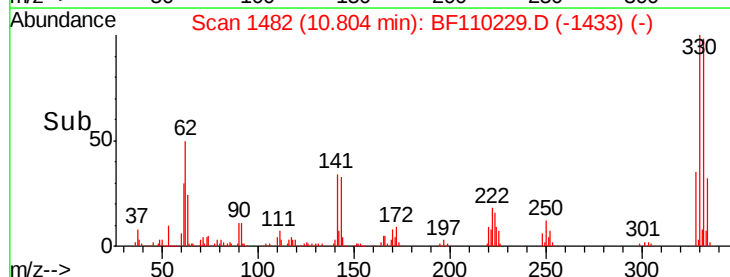
141 36.8 27.0 40.4

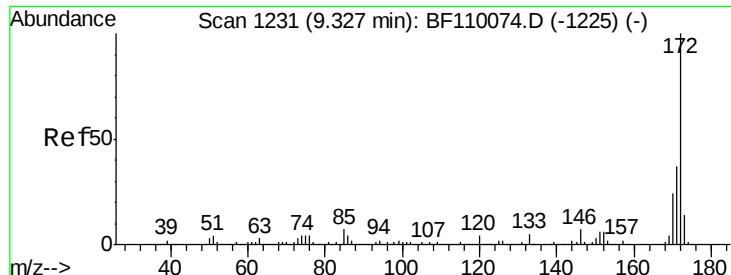


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



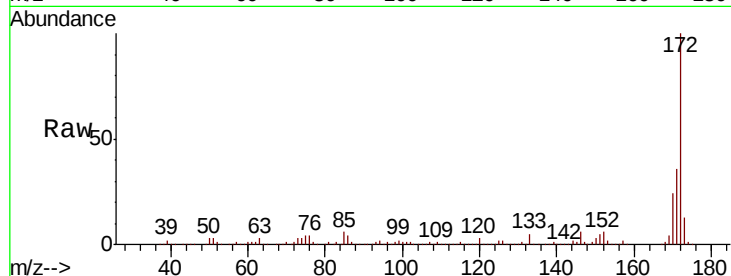


#45
 2-Fluorobiphenyl
 Concen: 88.378 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

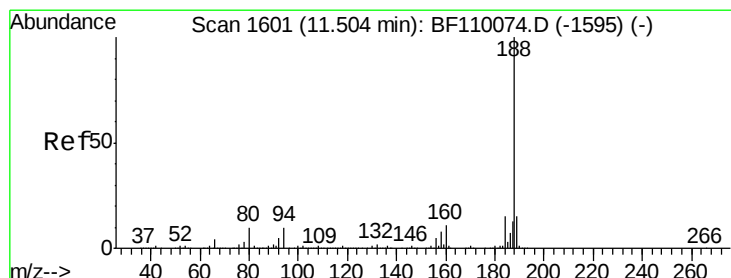
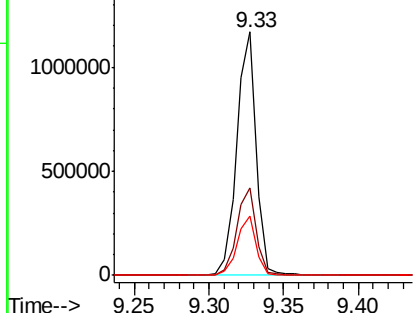
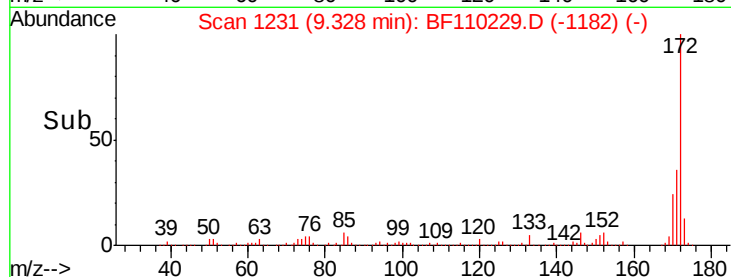
Instrument :
 BNA_F
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 BS-DRUM

Tot Ion:172 Resp: 1070623

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.2	19.7	29.5



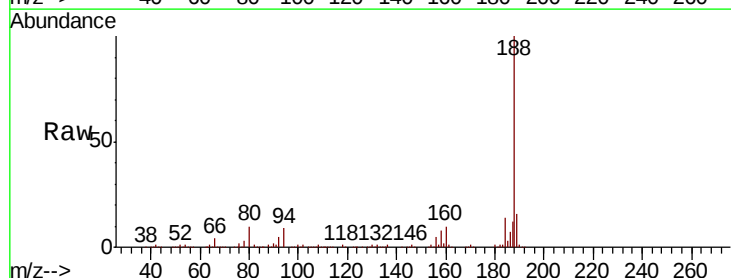
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



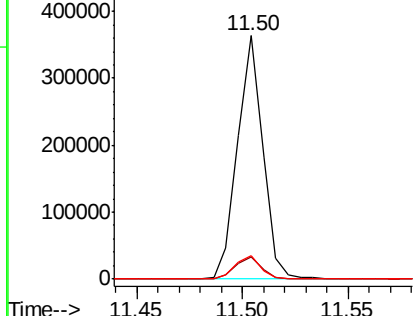
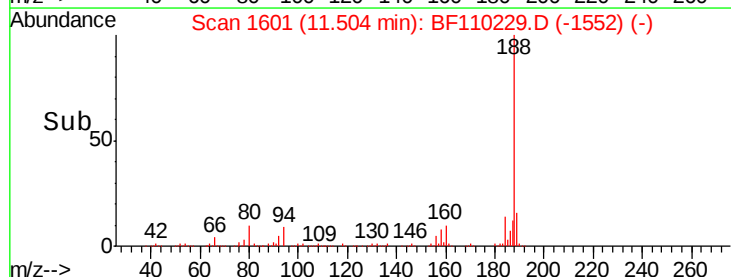
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

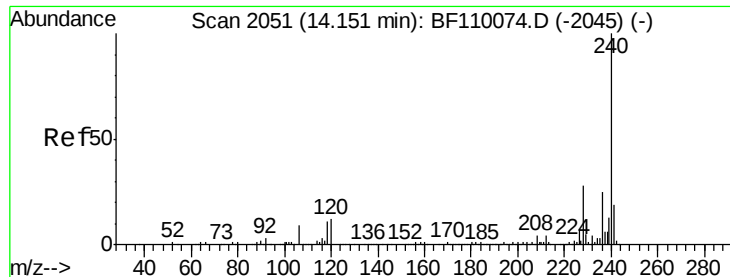
Tgt Ion:188 Resp: 301633

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.8	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

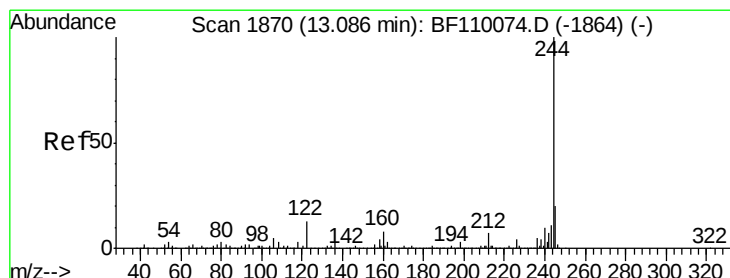
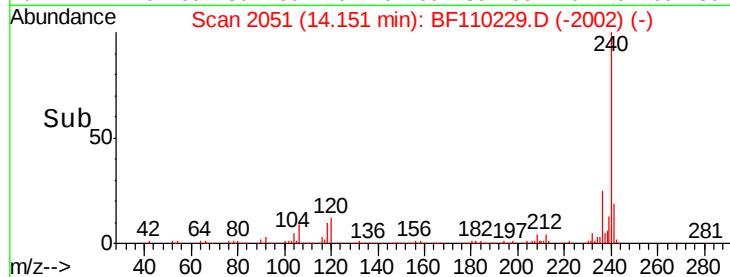
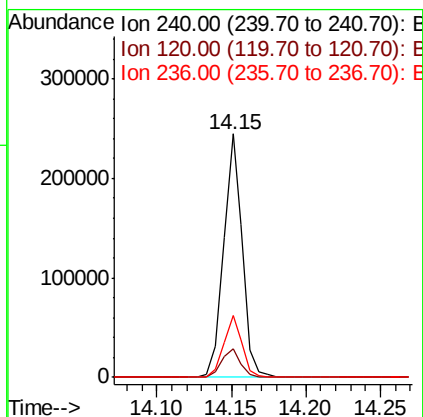
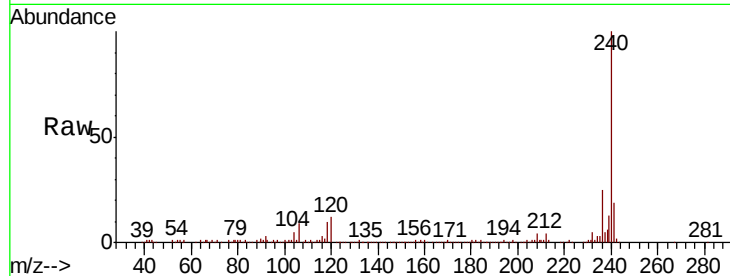




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

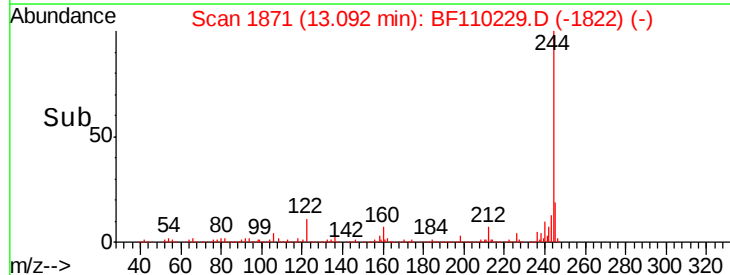
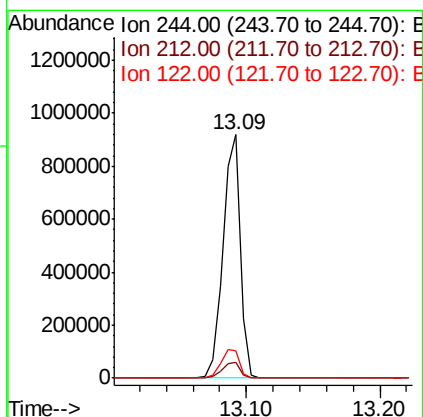
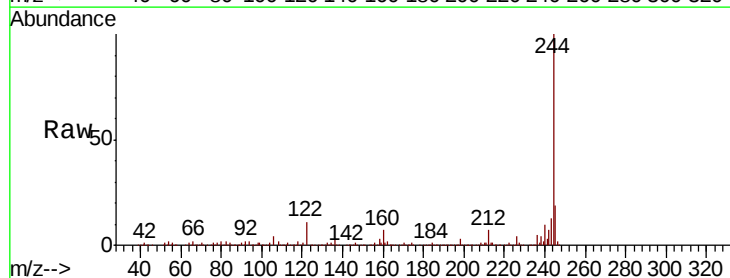
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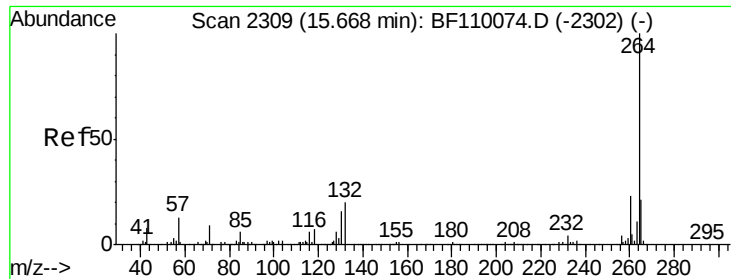
Tot Ion:240 Resp: 216472
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.3 12.5
 236 25.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 80.876 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110229.D
 Acq: 27 Oct 2018 00:06

Tgt Ion:244 Resp: 841814
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 11.0 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: BF110229.D
 Acq: 27 Oct 2018 00:06

Instrument :
 BNA_F
 ClientSampleId :
 BS-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.3	16.7	25.1

