

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110059.D
 Acq On : 22 Oct 2018 19:53
 Operator : JU/SJ
 Sample : J5604-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 23 04:21:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

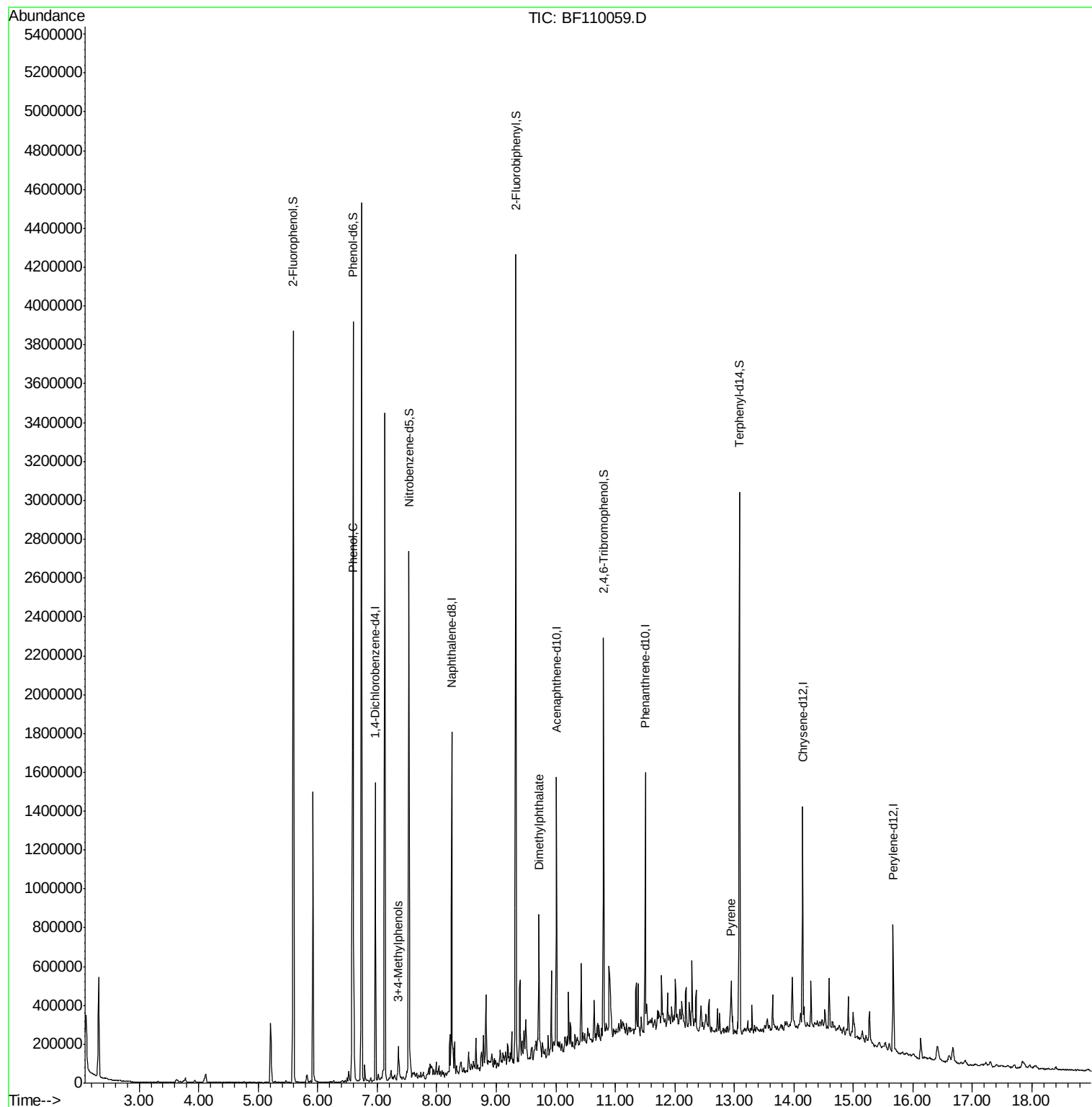
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	192103	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	711151	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	278733	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	436396	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	350754	20.00	ng	-0.02
87) Perylene-d12	15.67	264	245953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1167558	96.34	ng	0.00
7) Phenol-d6	6.59	99	1451902	96.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	826484	78.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	235773	97.70	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1160881	66.46	ng	-0.01
79) Terphenyl-d14	13.09	244	864280	51.74	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	127101	7.823	ng	# 63
20) 3+4-Methylphenols	7.36	107	40411	2.909	ng	# 76
50) Dimethylphthalate	9.72	163	169160	8.571	ng	100
78) Pyrene	12.95	202	53997	2.096	ng	97

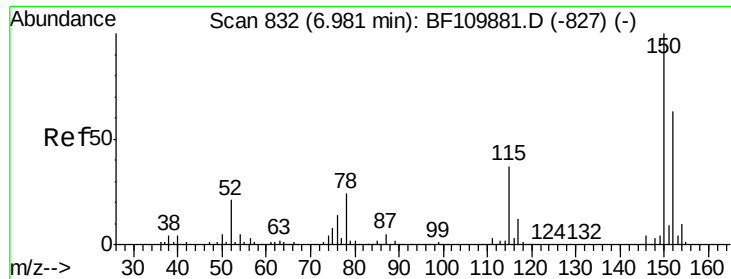
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



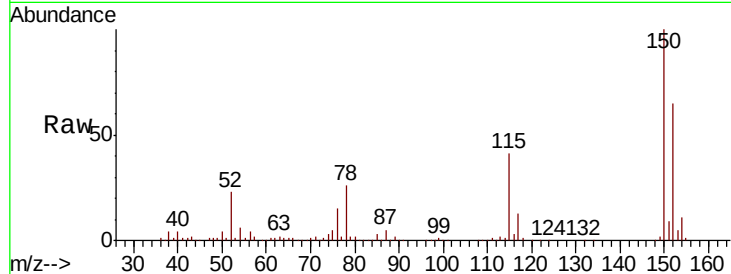


#1

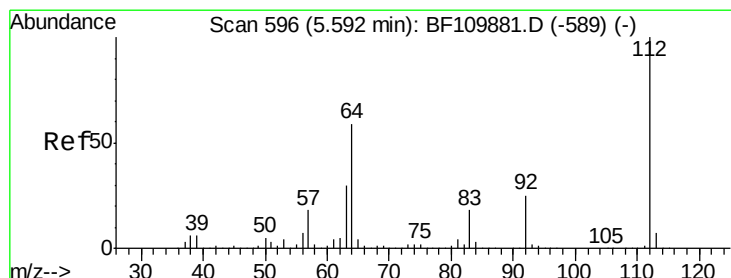
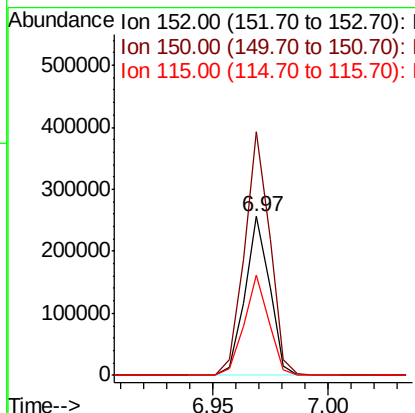
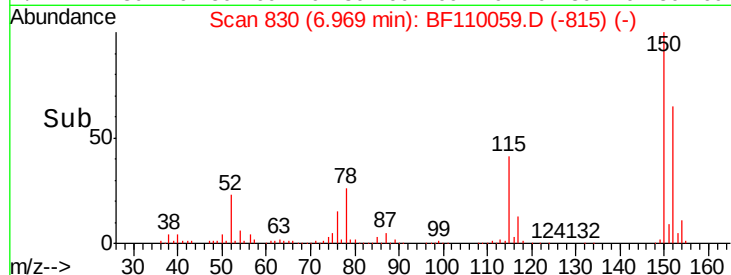
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110059.D
 Acq: 22 Oct 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-29736-BOX-2

Tot Ion:152 Resp: 192103
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.7 184.1
 115 62.9 49.1 73.7



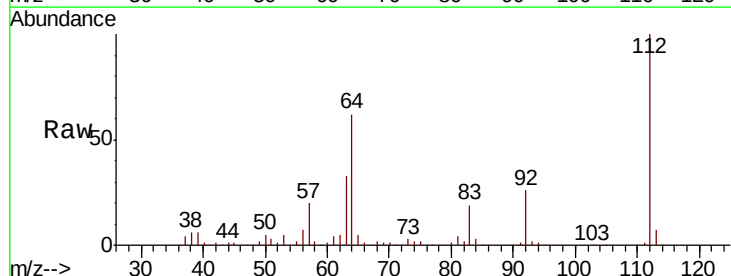
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



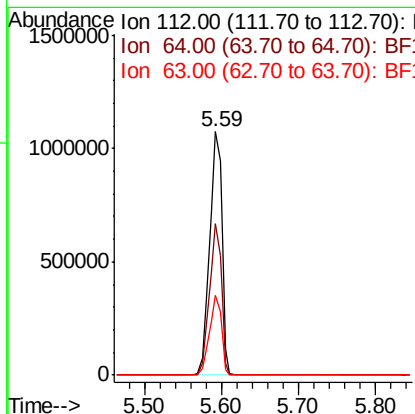
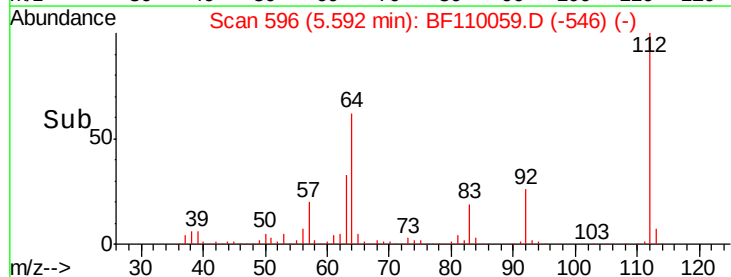
#5

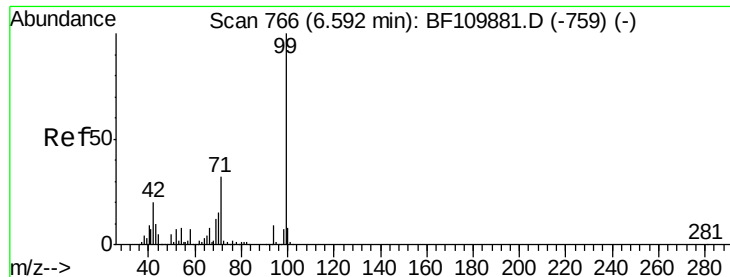
2-Fluorophenol
 Concen: 96.341 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110059.D
 Acq: 22 Oct 2018 19:53

Tgt Ion:112 Resp: 1167558
 Ion Ratio Lower Upper
 112 100
 64 62.4 44.1 66.1
 63 32.9 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: 96.481 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110059.D

Acq: 22 Oct 2018 19:53

Instrument :

BNA_F

ClientSampleId :

MS-VB-29736-BOX-2

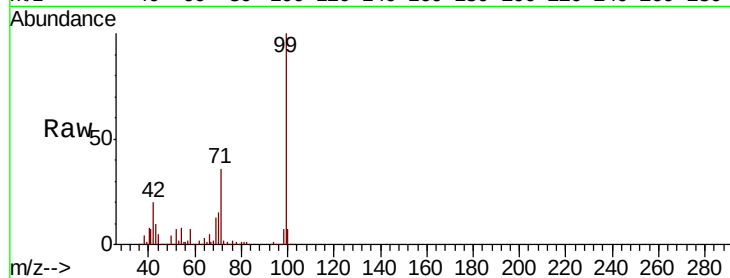
Tot Ion: 99 Resp: 1451902

Ion Ratio Lower Upper

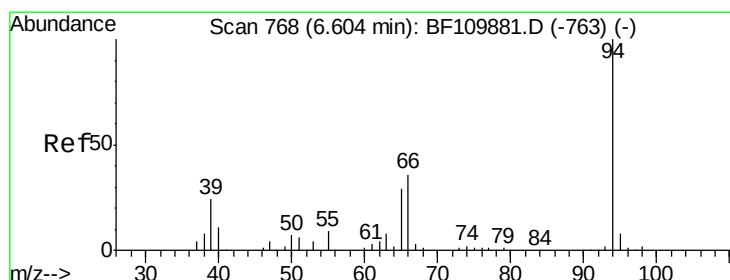
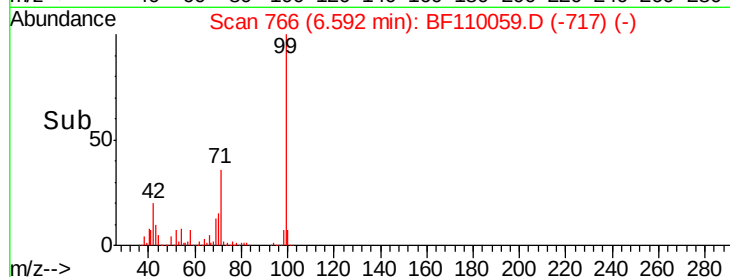
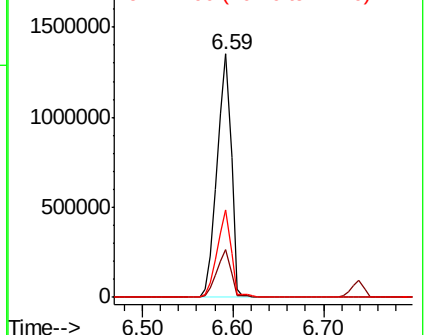
99 100

42 19.6 15.8 23.6

71 35.7 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: 7.823 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110059.D

Acq: 22 Oct 2018 19:53

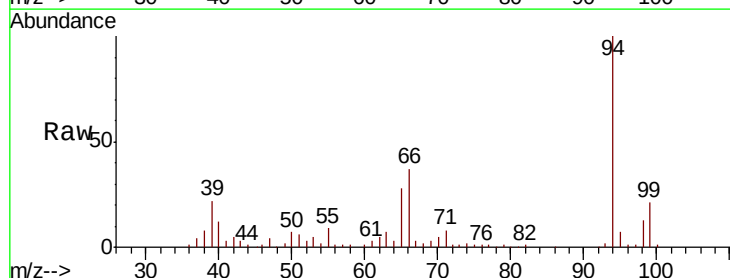
Tgt Ion: 94 Resp: 127101

Ion Ratio Lower Upper

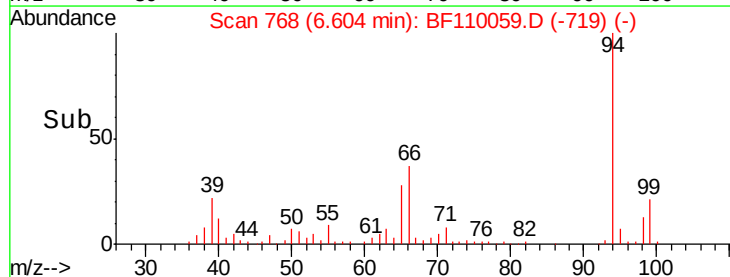
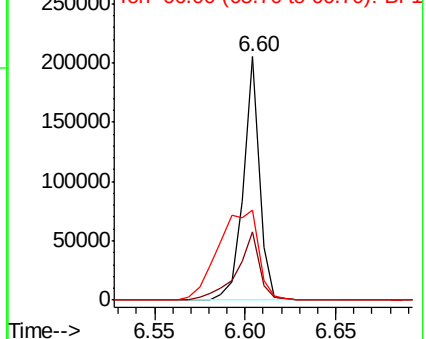
94 100

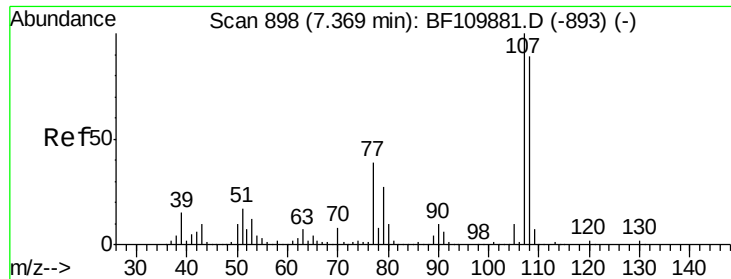
65 28.1 25.3 65.3

66 37.1 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

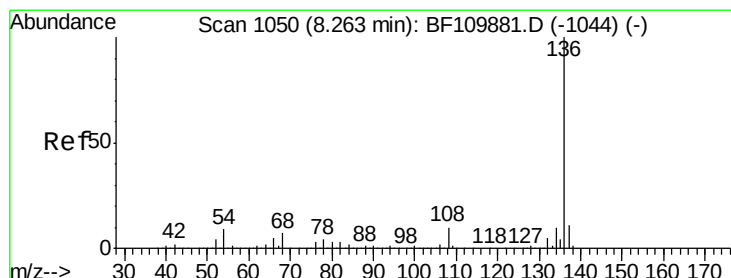
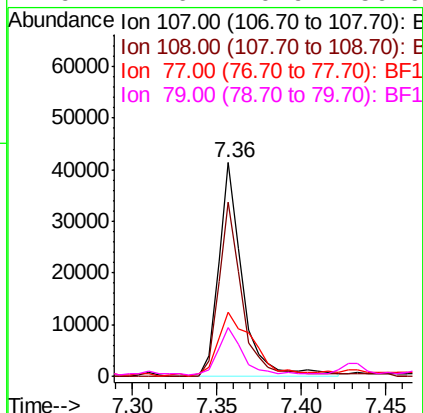
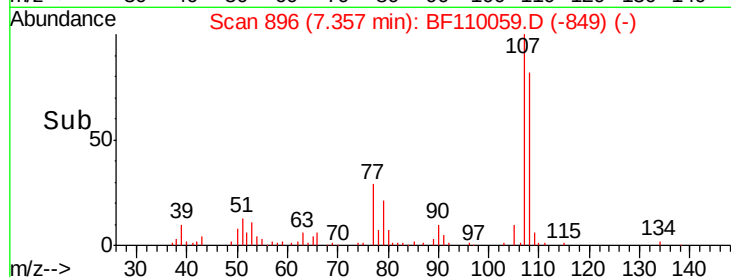
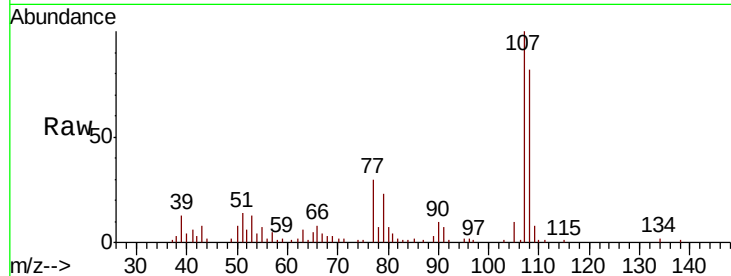




#20
3+4-Methylphenols
Concen: 2.909 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

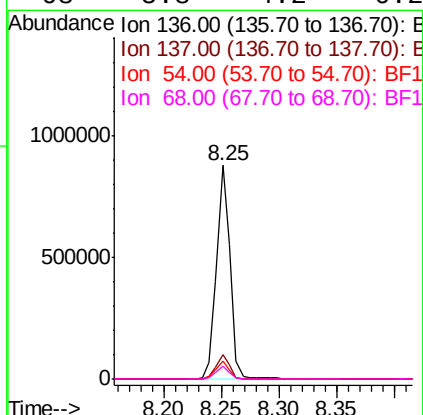
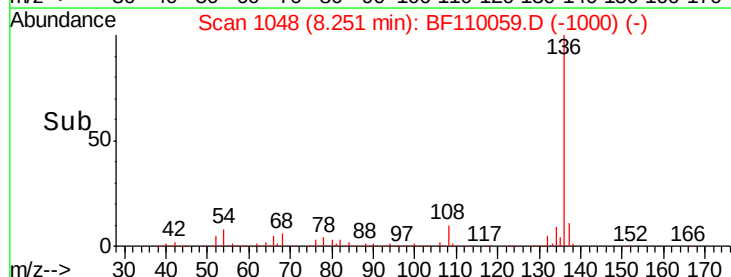
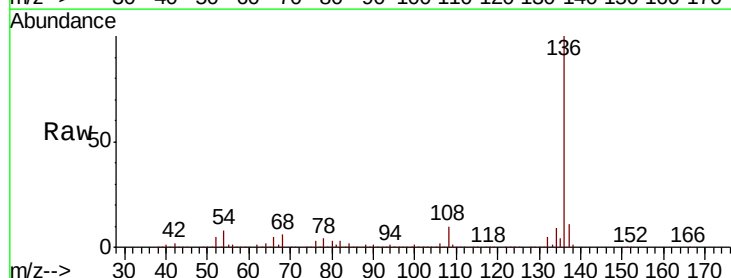
Instrument :
BNA_F
ClientSampleId :
MS-VB-29736-BOX-2

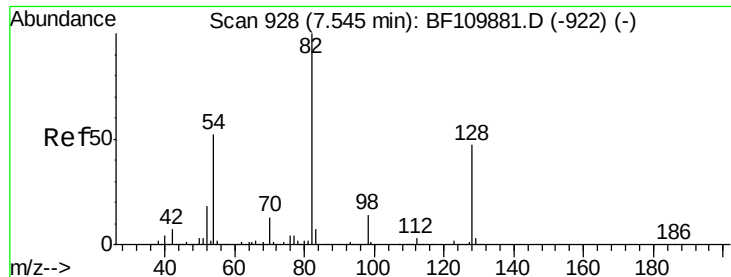
Tot Ion:	107	Resp:	40411
Ion	Ratio	Lower	Upper
107	100		
108	81.8	71.4	111.4
77	29.7	47.3	87.3#
79	22.6	10.9	50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion:	136	Resp:	711151
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	5.4	8.2#
68	5.8	4.2	6.2

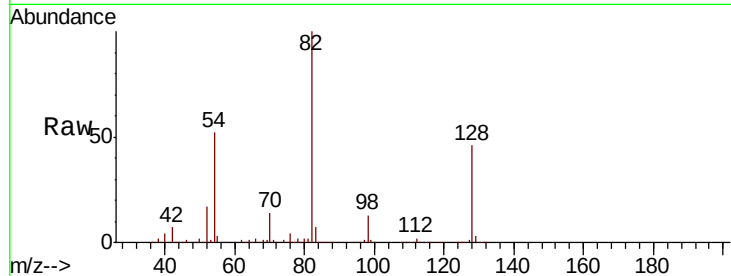




#23
 Nitrobenzene-d5
 Concen: 78.289 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110059.D
 Acq: 22 Oct 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-29736-BOX-2

Tot Ion	82	Resp	826484
Ion Ratio	Lower	Upper	
82	100		
128	46.4	34.2	51.2
54	52.3	38.6	58.0

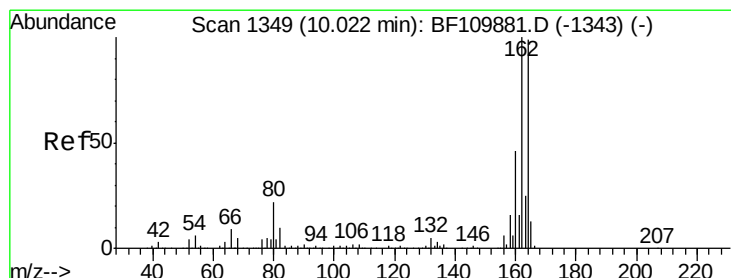
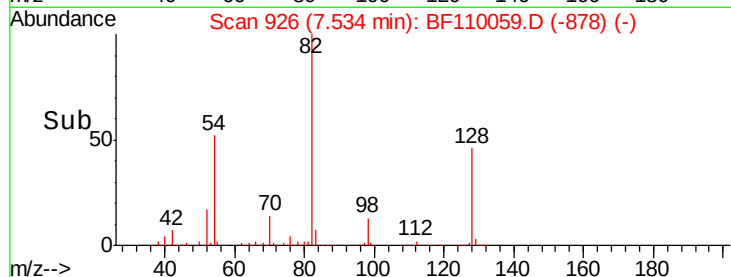
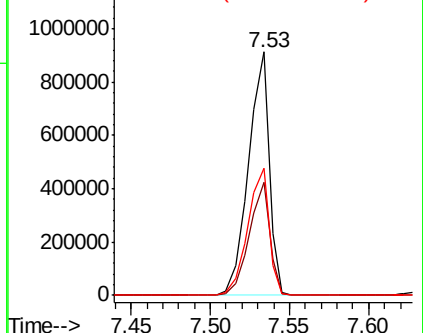


Abundance

Ion 82.00 (81.70 to 82.70): BF1

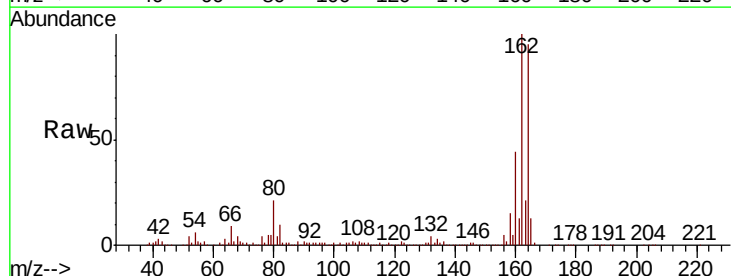
Ion 128.00 (127.70 to 128.70): BF1

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: BF110059.D
 Acq: 22 Oct 2018 19:53

Tgt Ion	164	Resp	278733
Ion Ratio	Lower	Upper	
164	100		
162	104.8	83.0	124.6
160	46.3	37.0	55.6

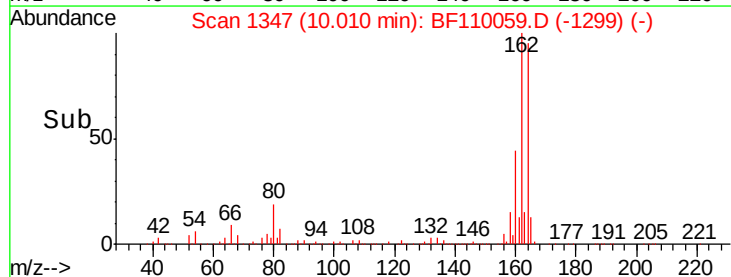
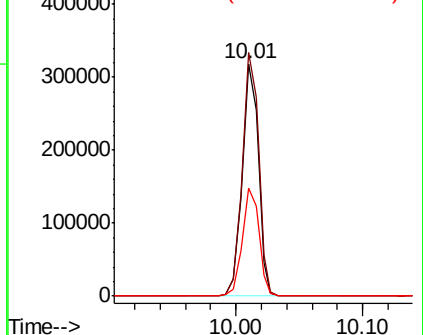


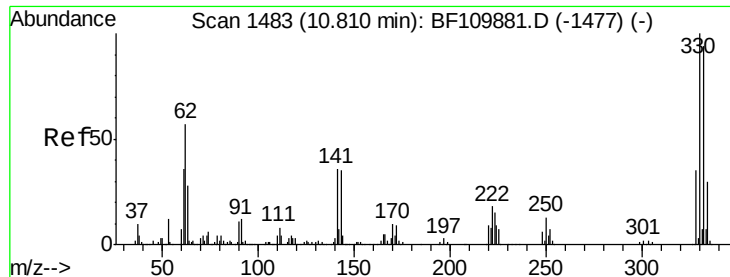
Abundance

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

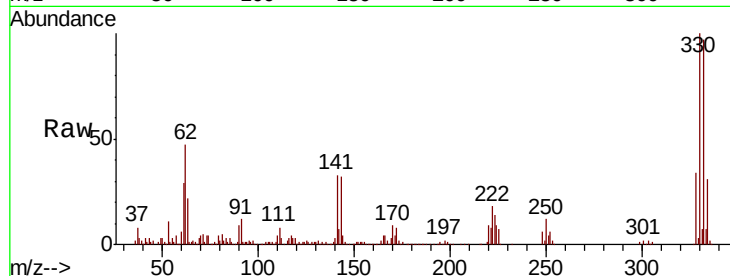




#42
2,4,6-Tribromophenol
Concen: 97.702 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	37.1	27.0	40.4

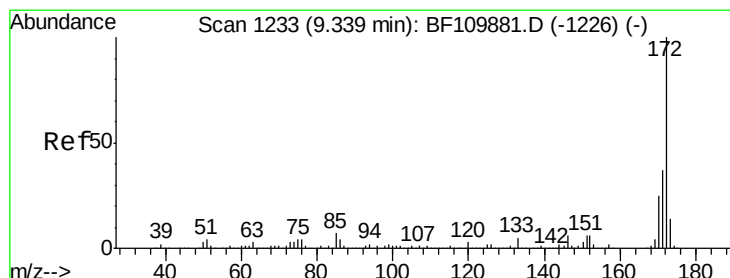
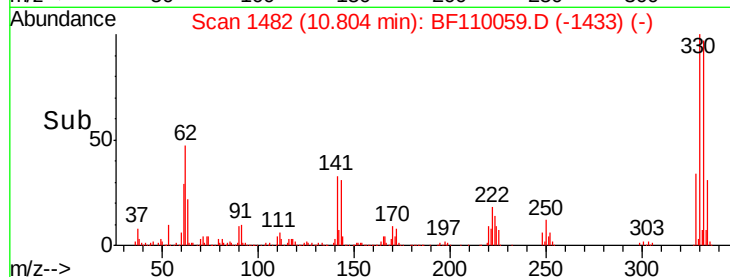
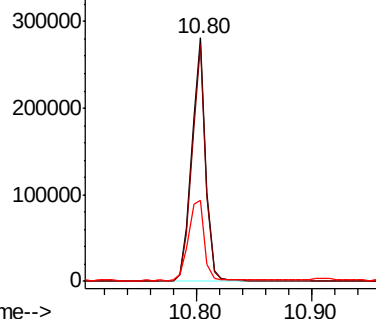


Abundance

Ion 329.80 (329.50 to 330.50): E

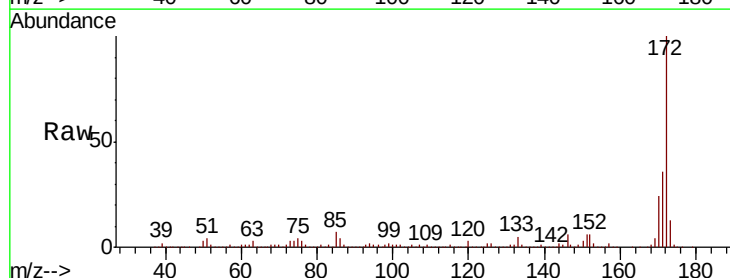
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 66.457 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.9	19.7	29.5

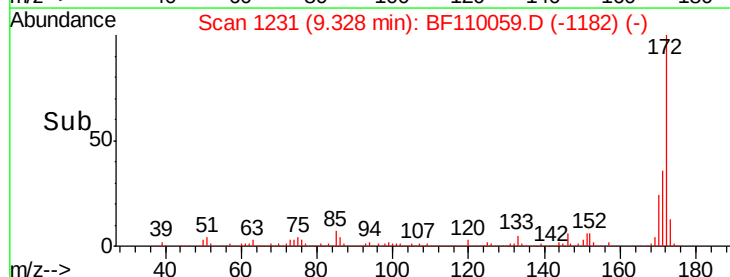
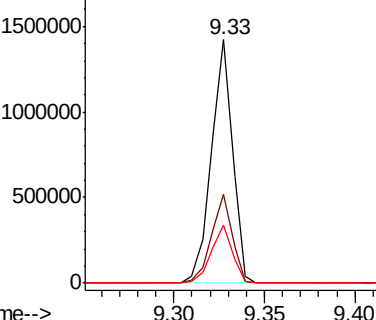


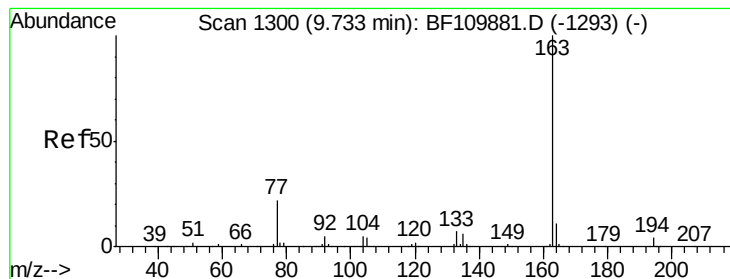
Abundance

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: 8.571 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110059.D

Acq: 22 Oct 2018 19:53

Instrument :

BNA_F

ClientSampleId :

MS-VB-29736-BOX-2

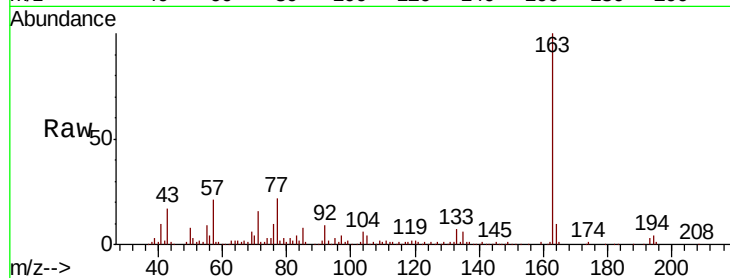
Tot Ion:163 Resp: 169160

Ion Ratio Lower Upper

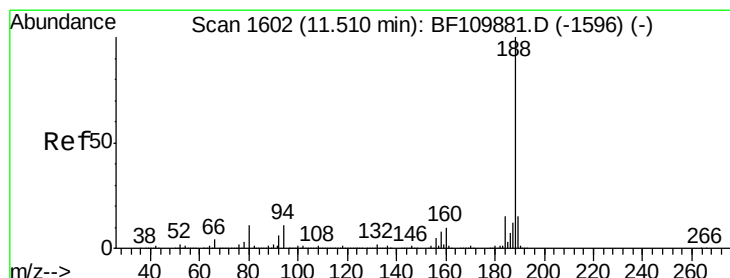
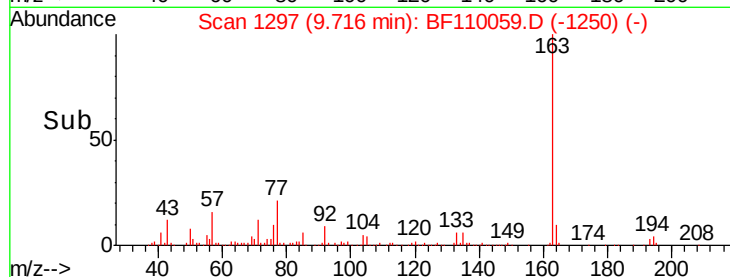
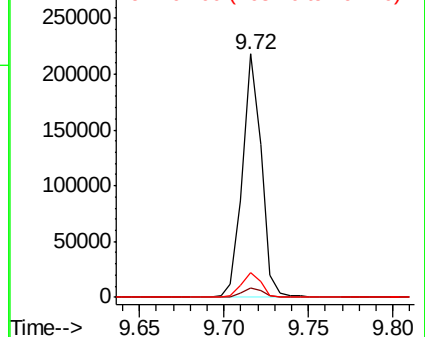
163 100

194 4.1 3.2 4.8

164 10.0 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: BF110059.D

Acq: 22 Oct 2018 19:53

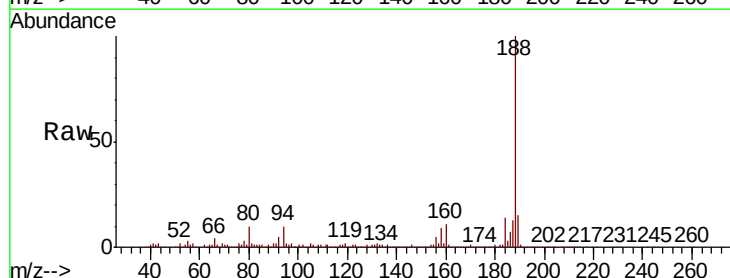
Tgt Ion:188 Resp: 436396

Ion Ratio Lower Upper

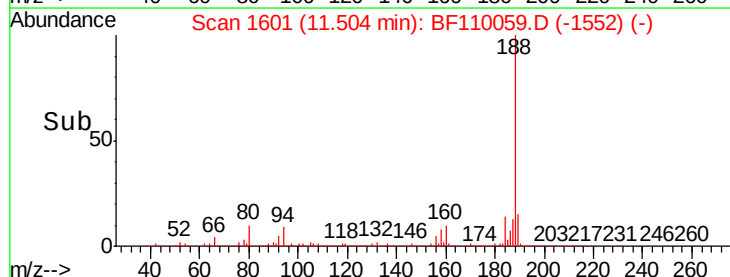
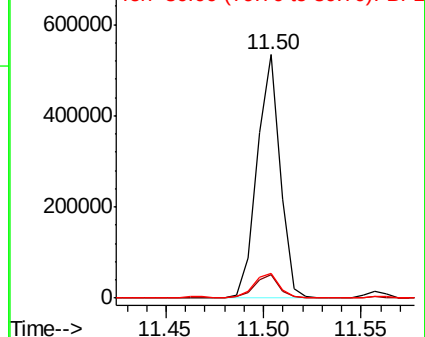
188 100

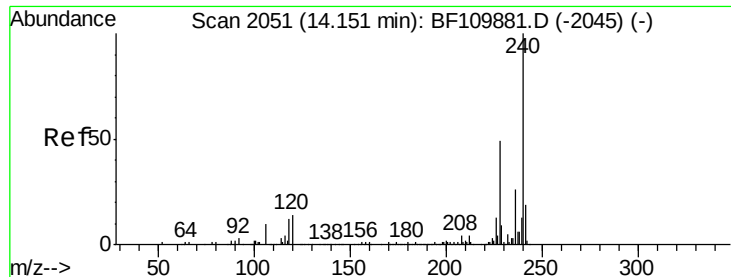
94 9.7 7.2 10.8

80 10.0 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

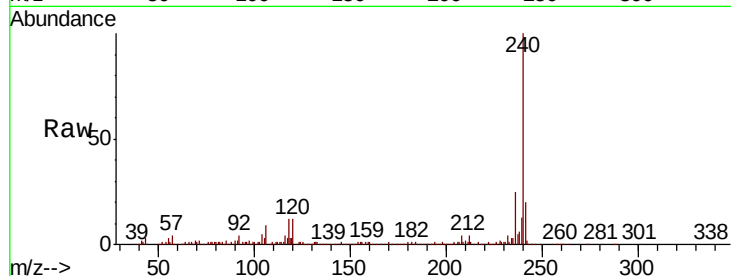




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Instrument :
BNA_F
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.3	21.2	31.8

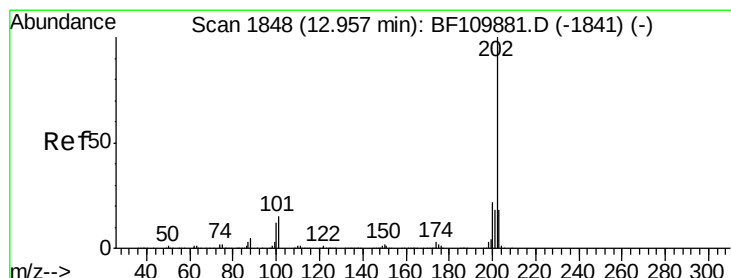
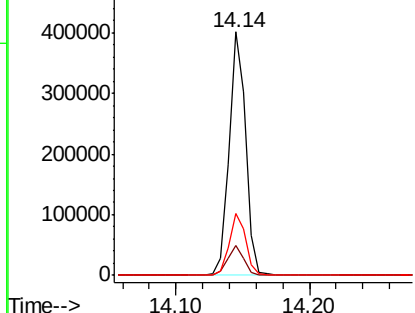
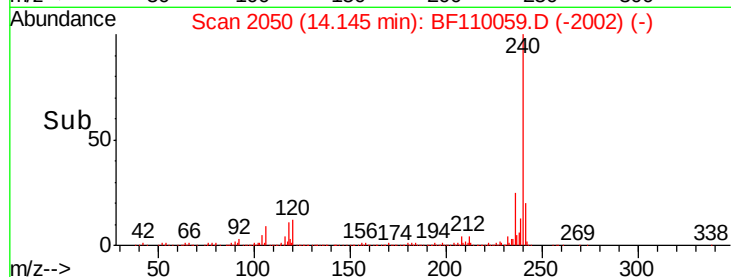


Abundance

Ion 240.00 (239.70 to 240.70): E

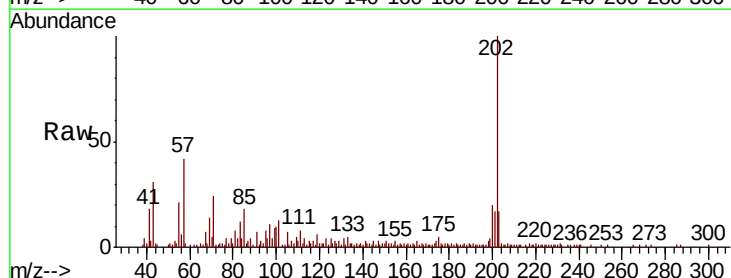
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 2.096 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110059.D
Acq: 22 Oct 2018 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.0	14.2	21.4

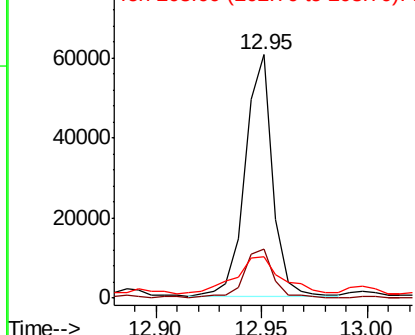
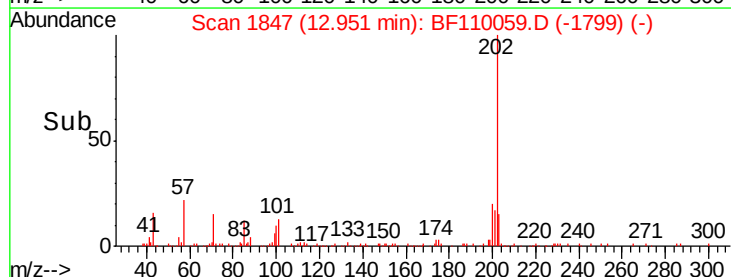


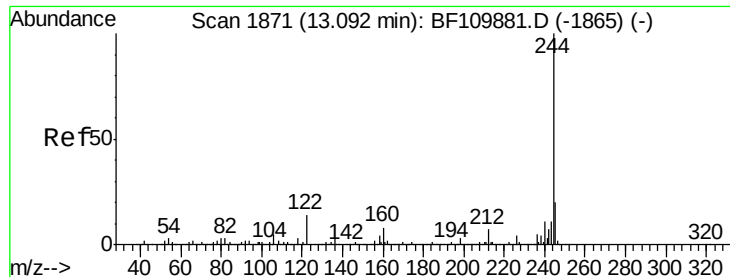
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

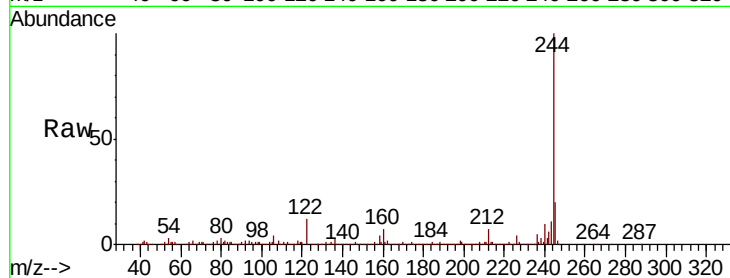




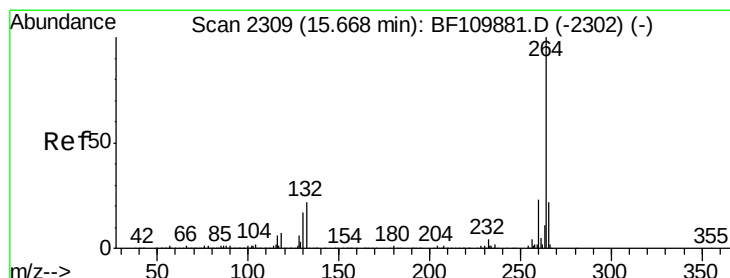
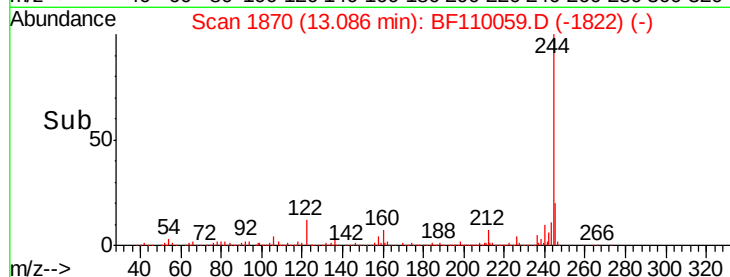
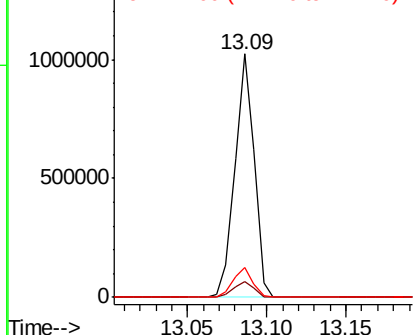
#79
 Terphenyl-d14
 Concen: 51.744 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110059.D
 Acq: 22 Oct 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MS-VB-29736-BOX-2

Tot Ion:244 Resp: 864280
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.4 8.7 13.1

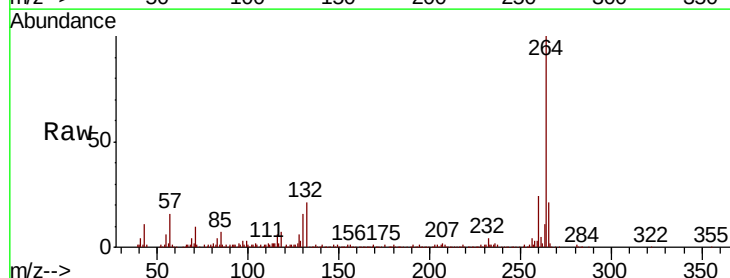


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110059.D
 Acq: 22 Oct 2018 19:53

Tgt Ion:264 Resp: 245953
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.1 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

