

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110212.D
 Acq On : 26 Oct 2018 16:23
 Operator : JU/SJ
 Sample : J5624-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-03A

Quant Time: Oct 27 00:00:27 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

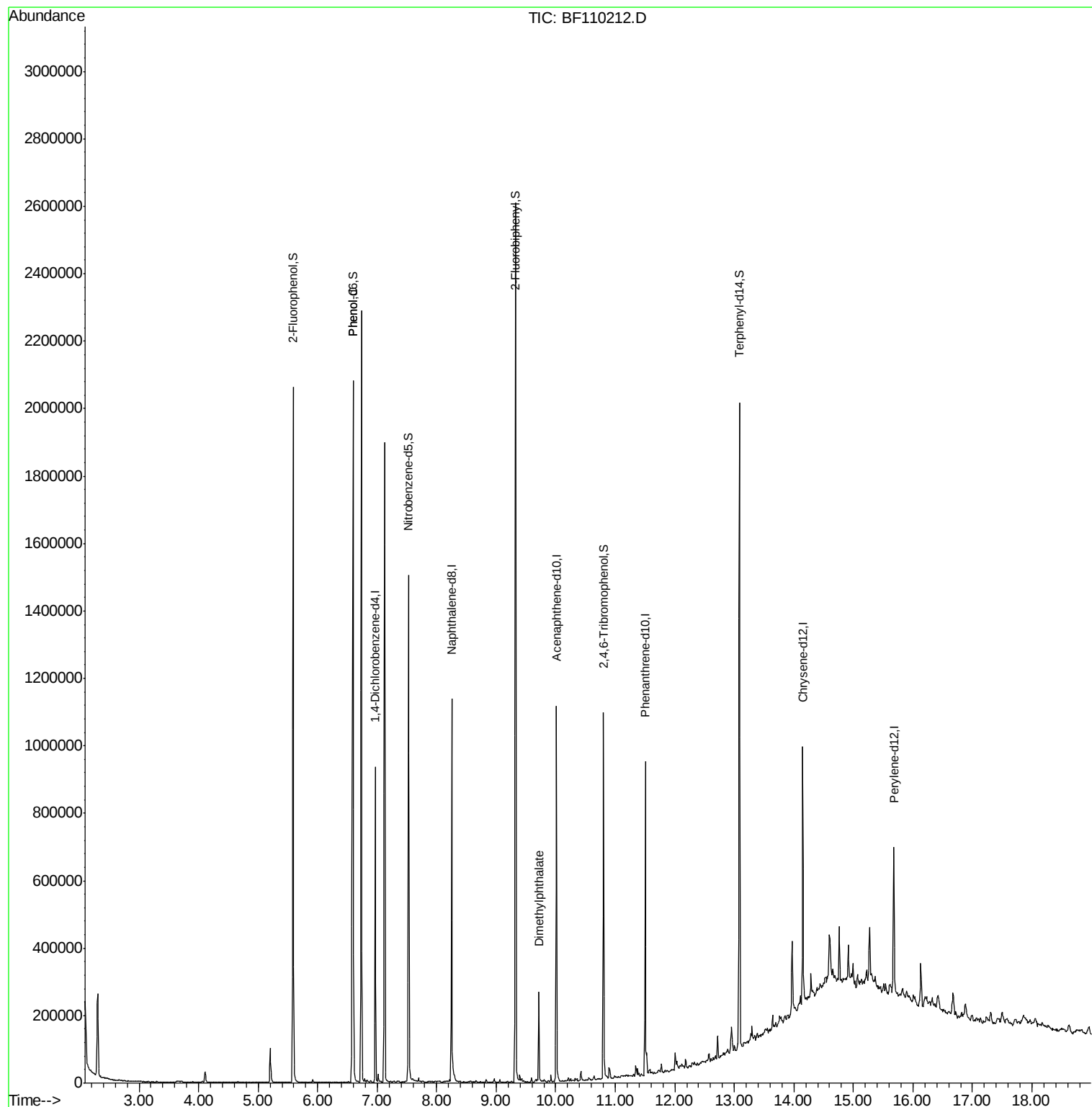
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130396	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	508111	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	205959	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	317071	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	236170	20.00	ng	-0.01
87) Perylene-d12	15.68	264	164752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	598081	74.69	ng	-0.01
7) Phenol-d6	6.59	99	777634	75.93	ng	-0.01
23) Nitrobenzene-d5	7.53	82	468684	54.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	122581	60.08	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	829566	63.25	ng	-0.02
79) Terphenyl-d14	13.09	244	585927	51.60	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	111599	10.194	ng	Qvalue # 70
50) Dimethylphthalate	9.72	163	104246	6.857	ng	100

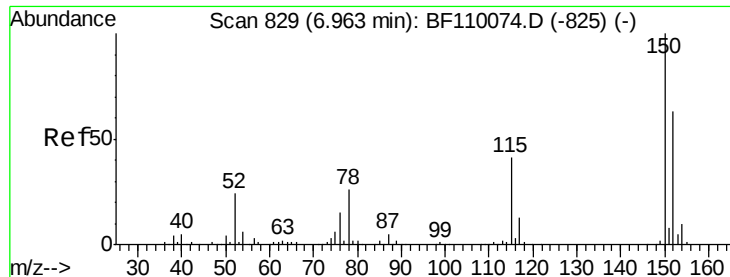
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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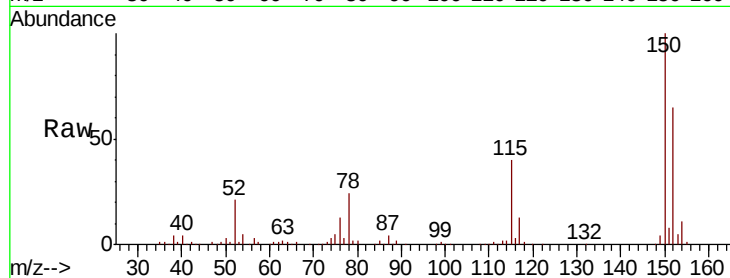


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Instrument :
BNA_F
ClientSampleId :
PA-SB-03A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	61.2	49.1	73.7

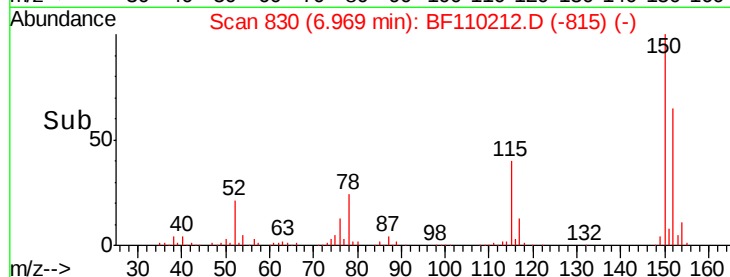
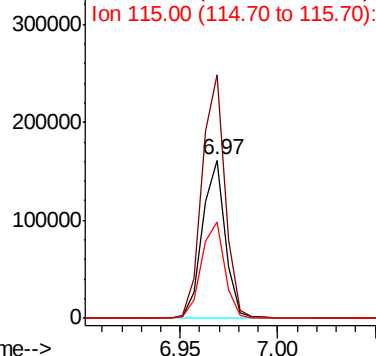


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

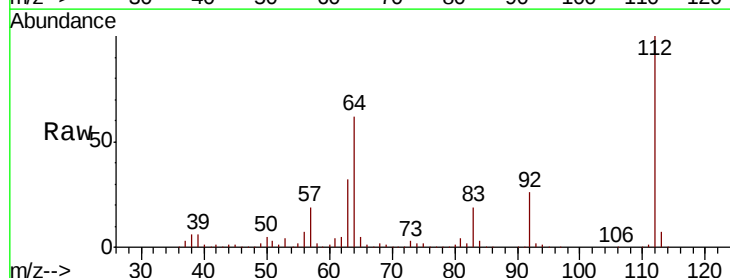
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.691 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	32.1	23.7	35.5

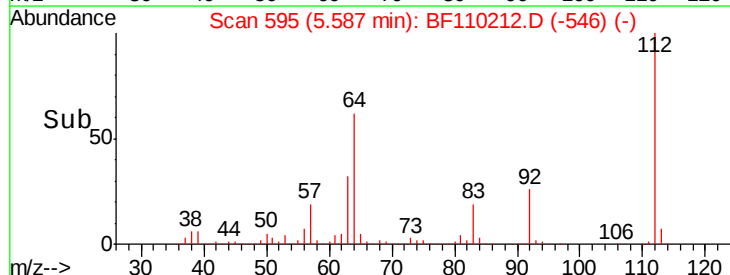
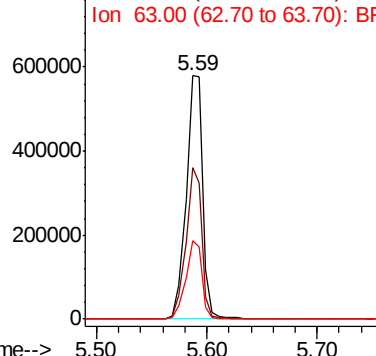


Abundance

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: 75.926 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

PA-SB-03A

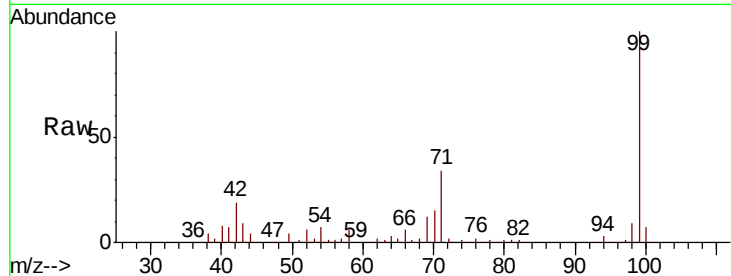
Tot Ion: 99 Resp: 777634

Ion Ratio Lower Upper

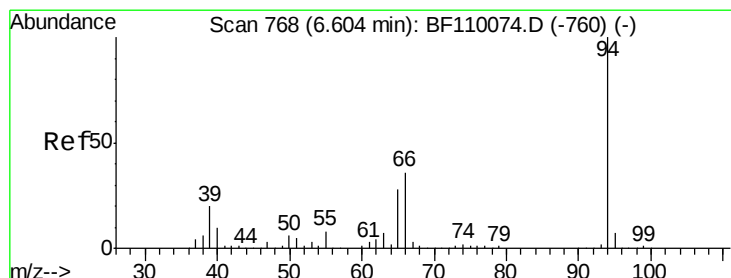
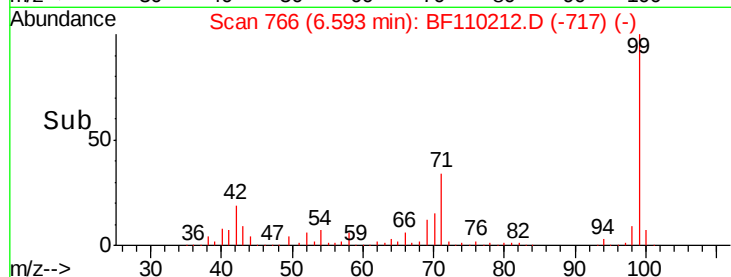
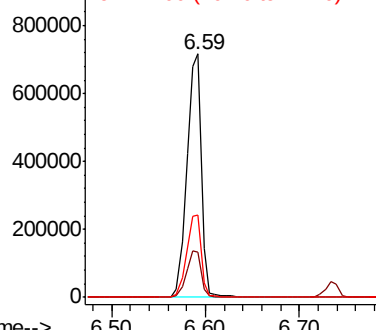
99 100

42 18.7 15.8 23.6

71 34.0 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: 10.194 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

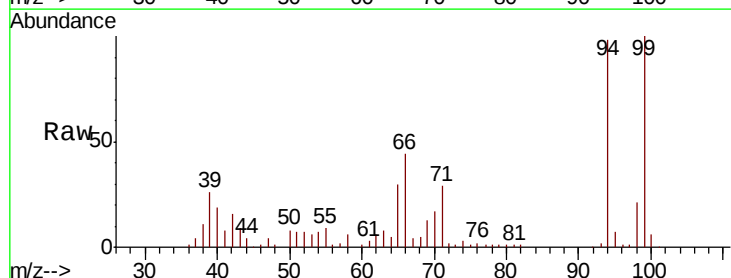
Tgt Ion: 94 Resp: 111599

Ion Ratio Lower Upper

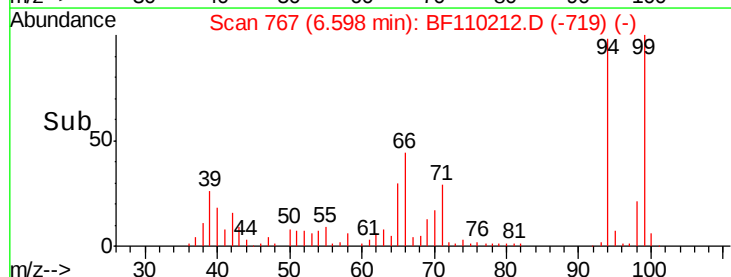
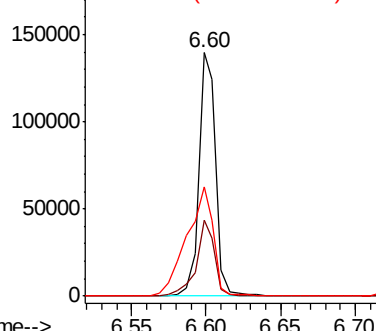
94 100

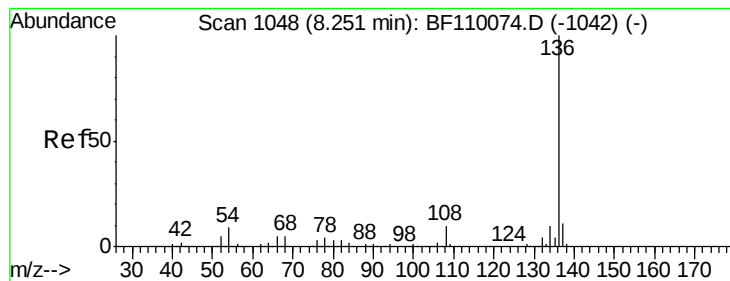
65 31.0 25.3 65.3

66 45.0 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: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

PA-SB-03A

Tot Ion:136 Resp: 508111

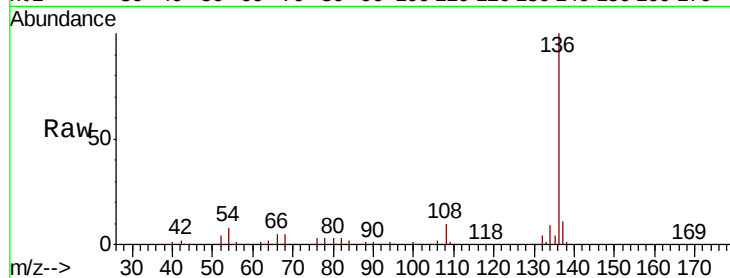
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.9 5.4 8.2

68 5.1 4.2 6.2

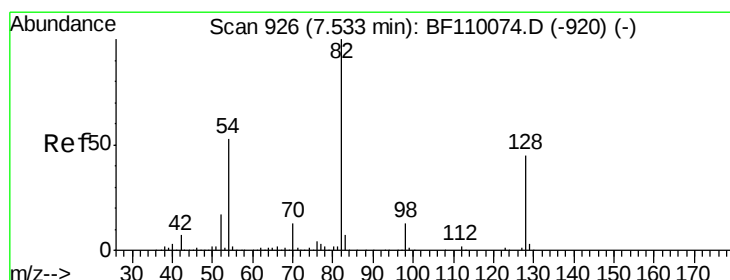
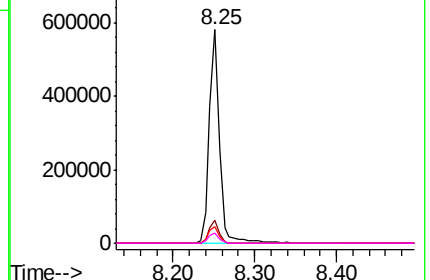
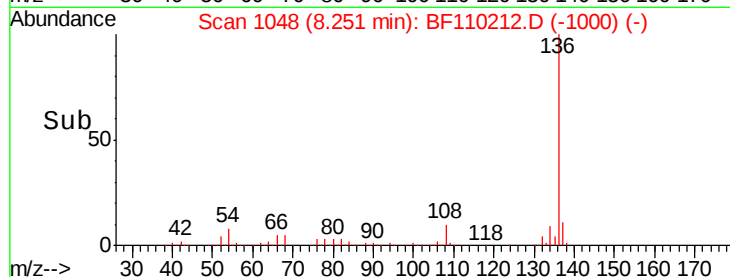


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.711 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

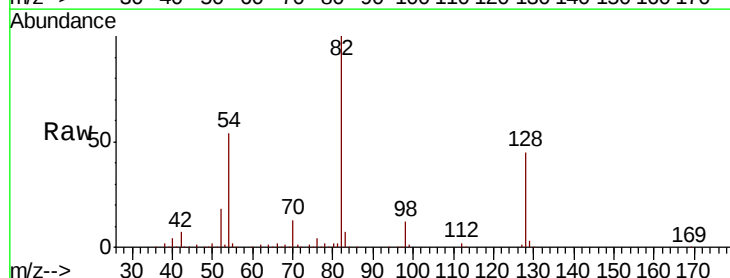
Tgt Ion: 82 Resp: 468684

Ion Ratio Lower Upper

82 100

128 44.9 34.2 51.2

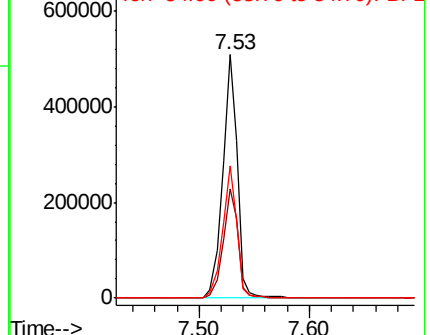
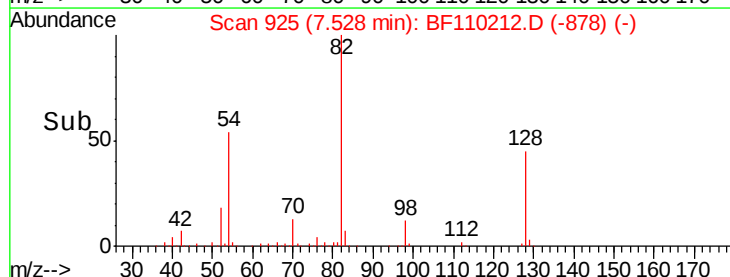
54 54.4 38.6 58.0



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: BF110212.D

Acq: 26 Oct 2018 16:23

Instrument :

BNA_F

ClientSampleId :

PA-SB-03A

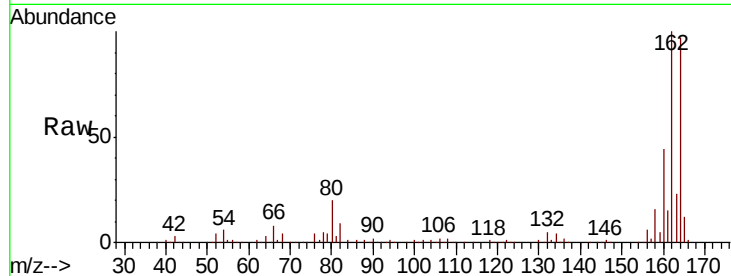
Tot Ion:164 Resp: 205959

Ion Ratio Lower Upper

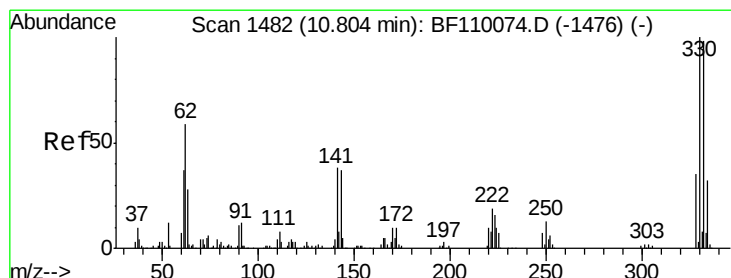
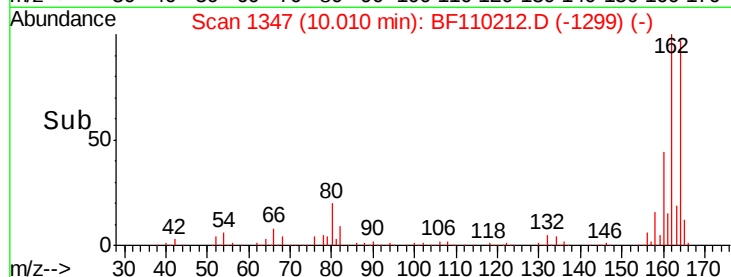
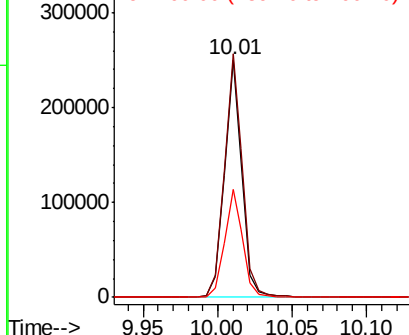
164 100

162 102.6 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: 60.084 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110212.D

Acq: 26 Oct 2018 16:23

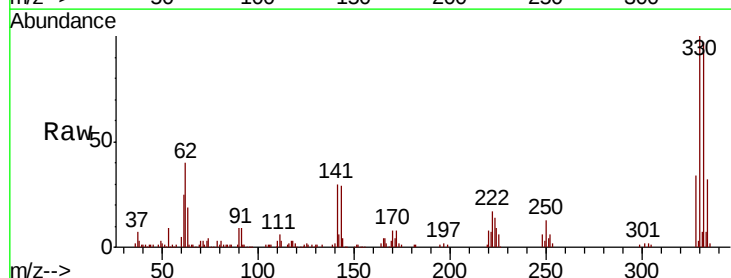
Tgt Ion:330 Resp: 122581

Ion Ratio Lower Upper

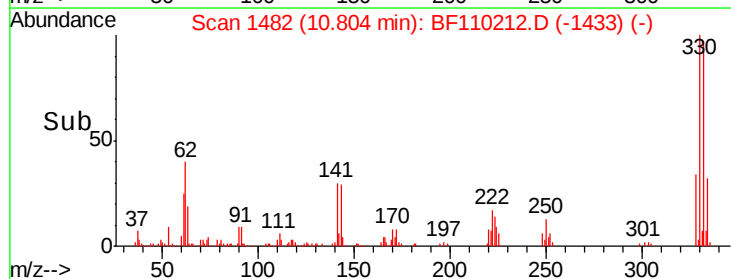
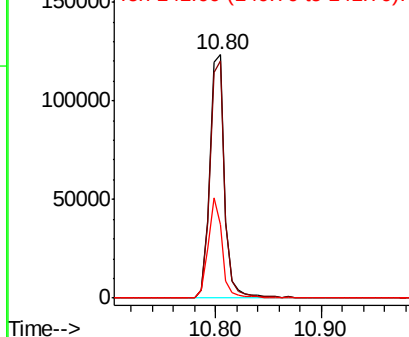
330 100

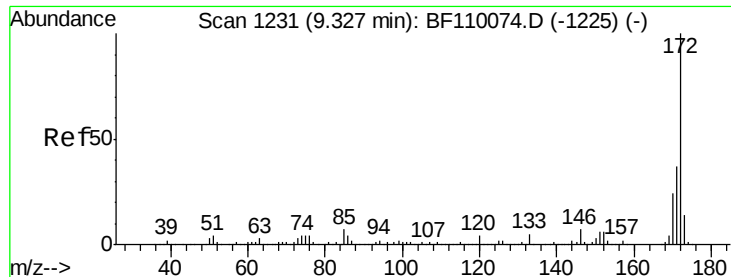
332 96.9 77.1 115.7

141 38.1 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

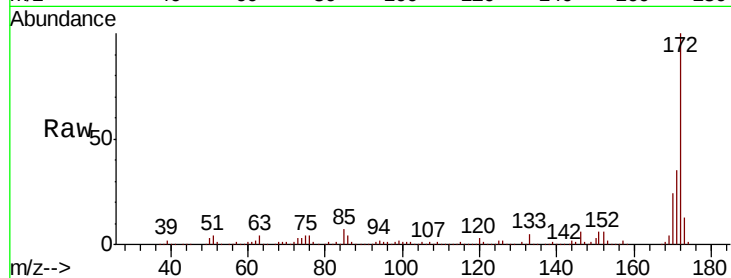




#45
2-Fluorobiphenyl
Concen: 63.247 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Instrument :
BNA_F
ClientSampleId :
PA-SB-03A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.6	19.7	29.5

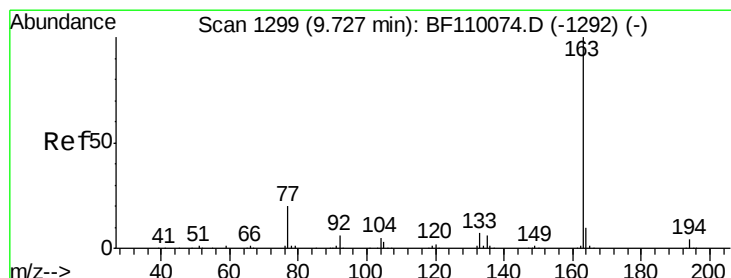
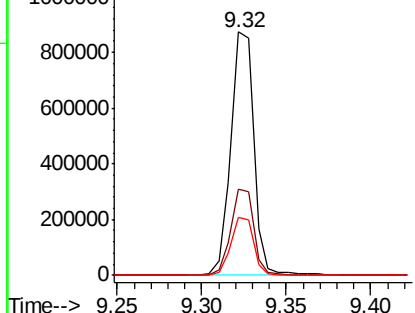
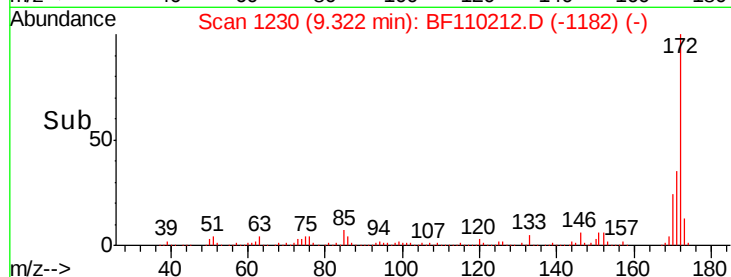


Abundance

Ion 172.00 (171.70 to 172.70): E

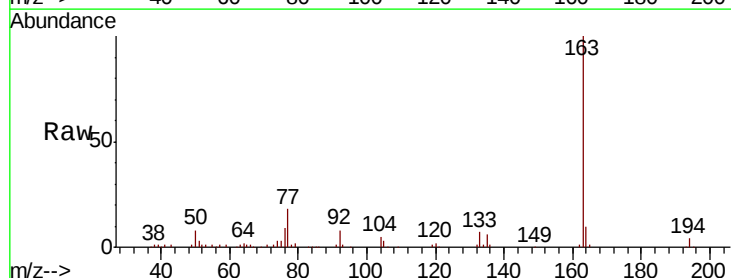
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.857 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1

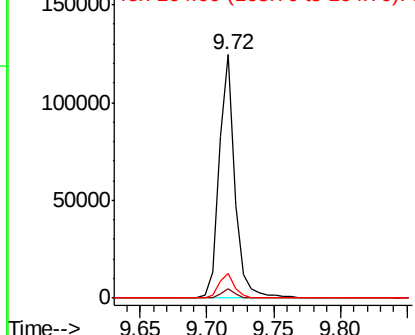
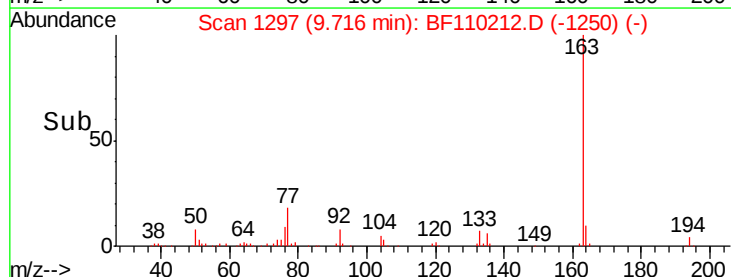


Abundance

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

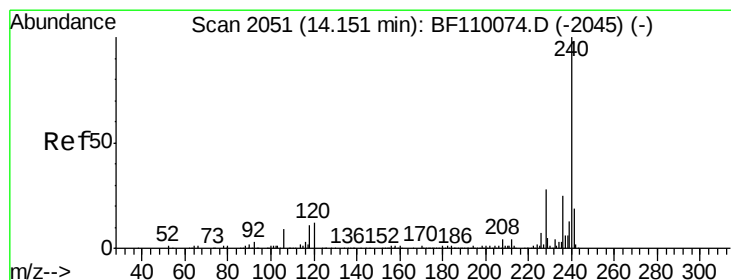
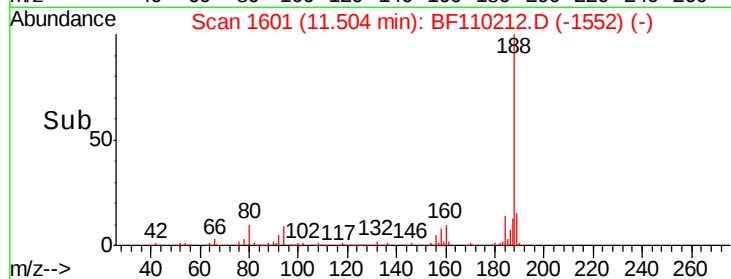
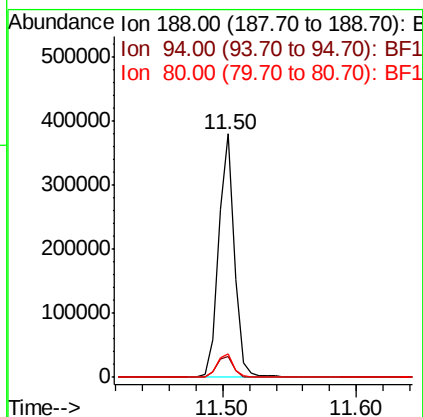
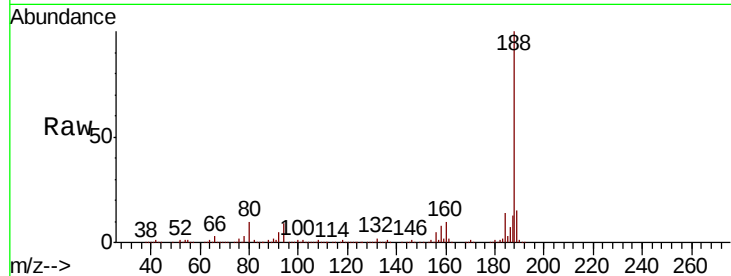




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

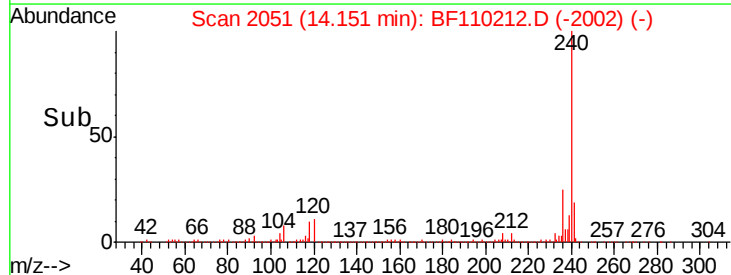
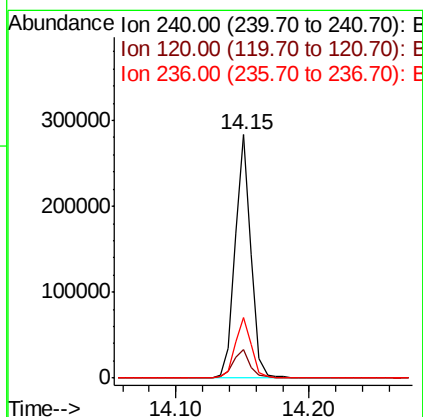
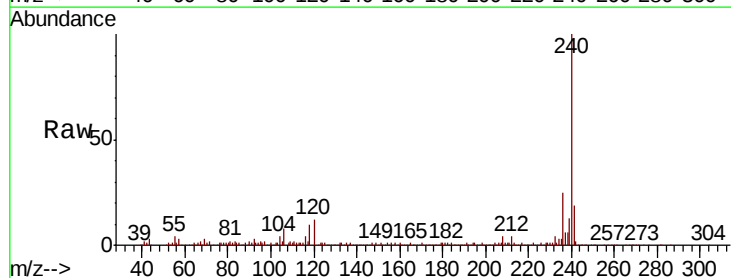
Instrument :
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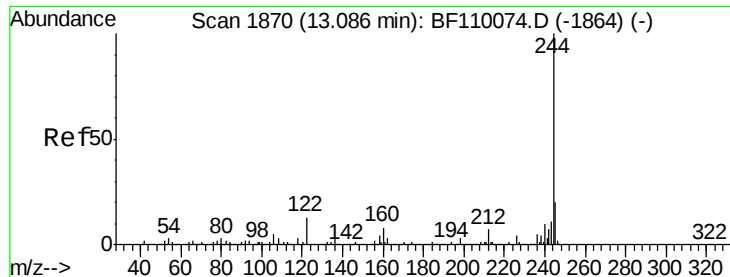
Tot Ion:188 Resp: 317071
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110212.D
Acq: 26 Oct 2018 16:23

Tgt Ion:240 Resp: 236170
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.1 21.2 31.8

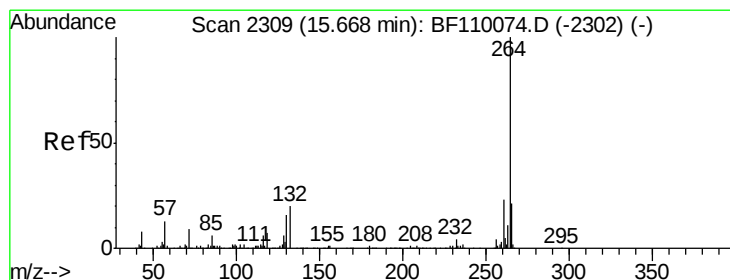
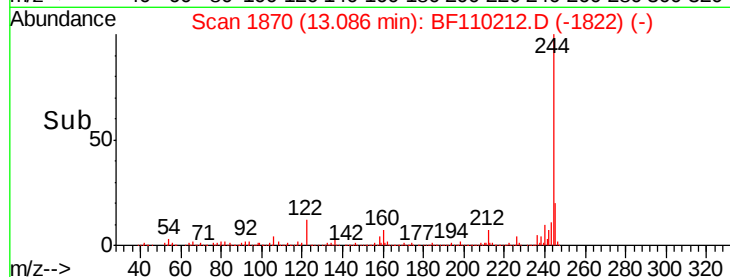
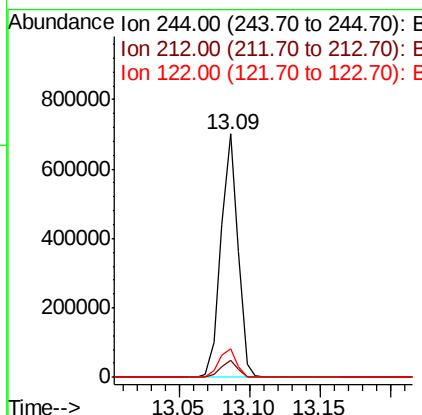
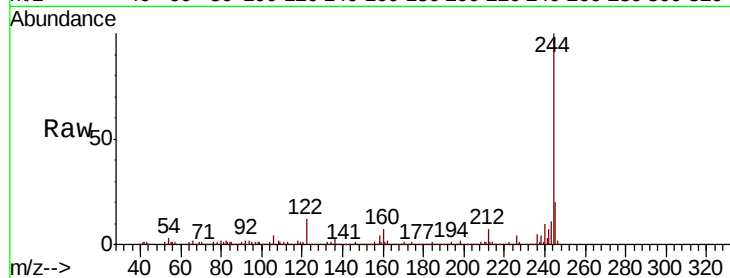




#79
 Terphenyl-d14
 Concen: 51.597 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110212.D
 Acq: 26 Oct 2018 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-03A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.7	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110212.D
 Acq: 26 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.2	16.7	25.1

