

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110055.D
 Acq On : 22 Oct 2018 18:05
 Operator : JU/SJ
 Sample : J5601-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-M

Quant Time: Oct 23 04:08:20 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	184104	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	686827	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	275918	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	432625	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	334204	20.00	ng	-0.02
87) Perylene-d12	15.67	264	239144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	384604	33.11	ng	-0.01
7) Phenol-d6	6.58	99	288036	19.97	ng	-0.02
23) Nitrobenzene-d5	7.53	82	996645	97.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	178454	74.70	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1670825	96.63	ng	-0.01
79) Terphenyl-d14	13.09	244	1245160	78.24	ng	-0.02

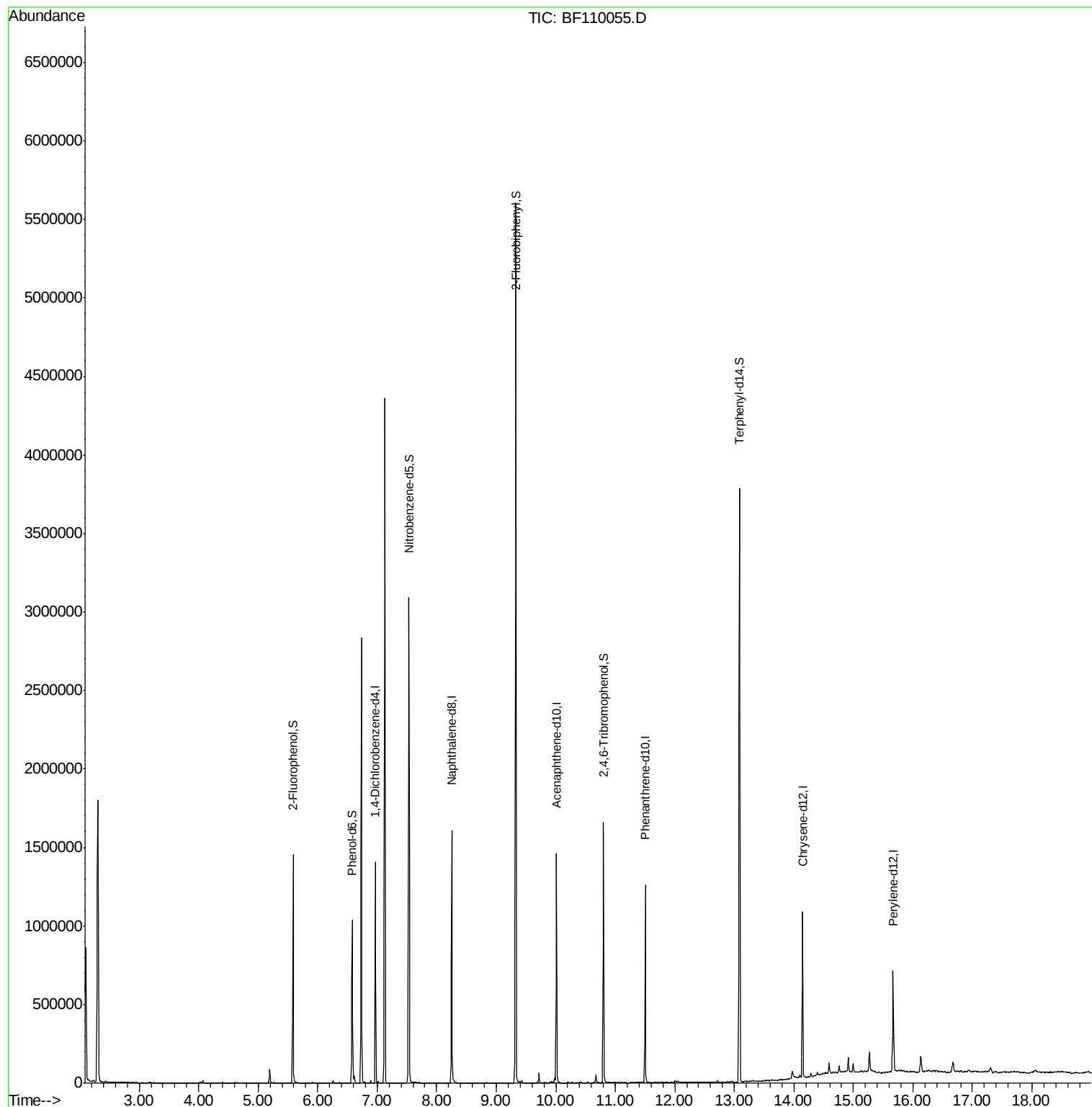
Target Compounds Qvalue

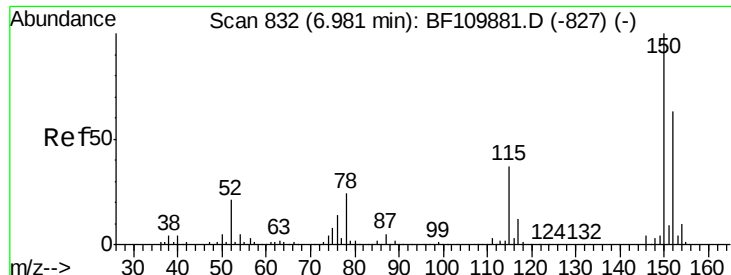
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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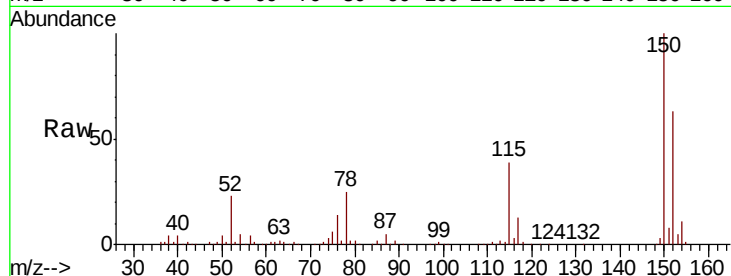


#1

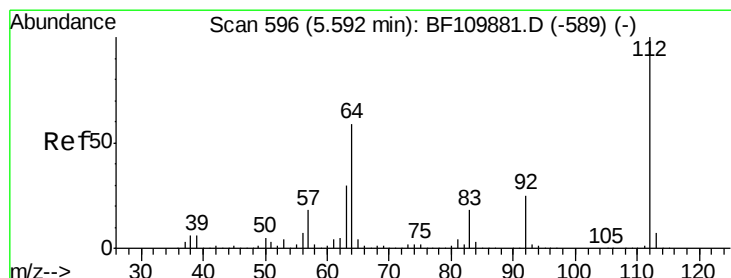
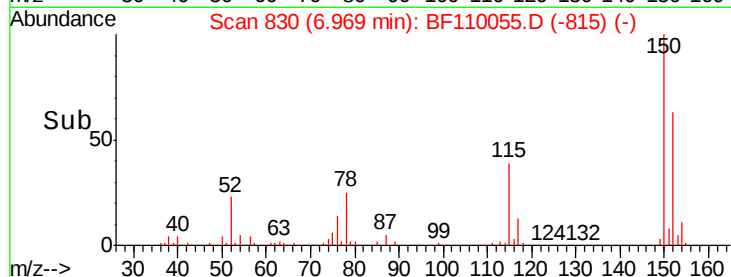
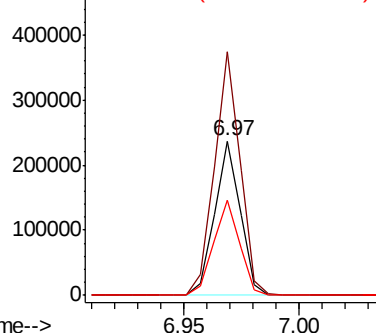
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-M

Tot Ion:152 Resp: 184104
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.7 184.1
 115 61.6 49.1 73.7



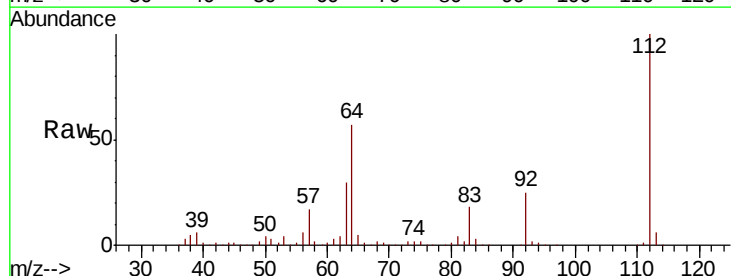
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



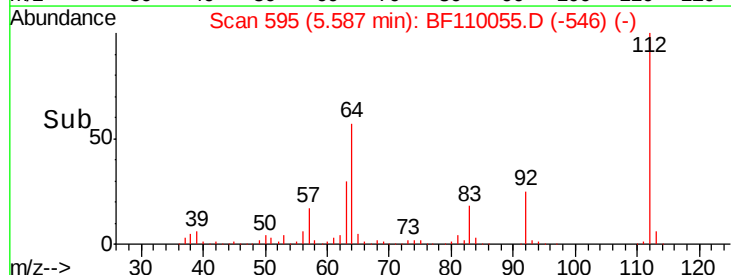
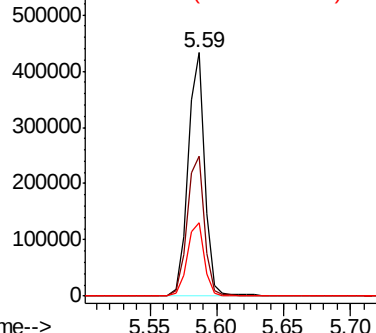
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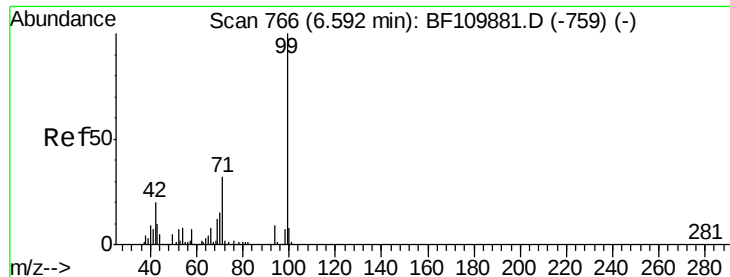
2-Fluorophenol
 Concen: 33.114 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Tgt Ion:112 Resp: 384604
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.1 66.1
 63 29.9 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: 19.972 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110055.D

Acq: 22 Oct 2018 18:05

Instrument :

BNA_F

ClientSampleId :

101818-SIDI-E-U-M

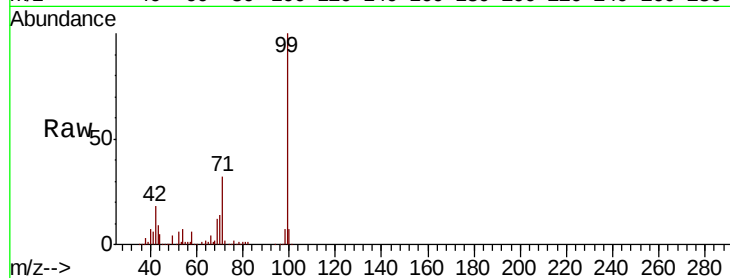
Tot Ion: 99 Resp: 288036

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 32.4 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

500000

400000

300000

200000

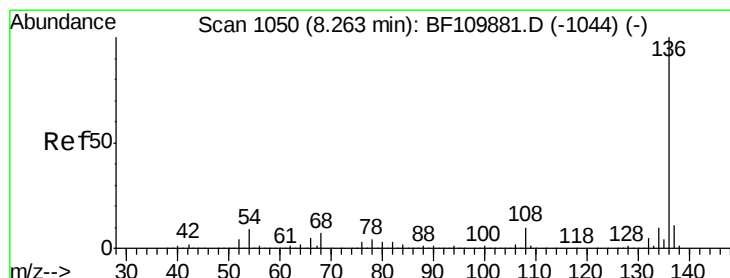
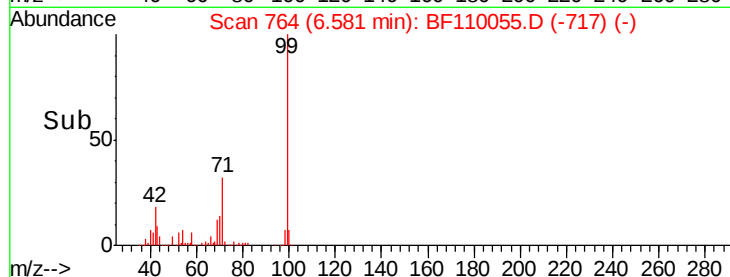
100000

0

6.58

6.50 6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110055.D

Acq: 22 Oct 2018 18:05

Tgt Ion: 136 Resp: 686827

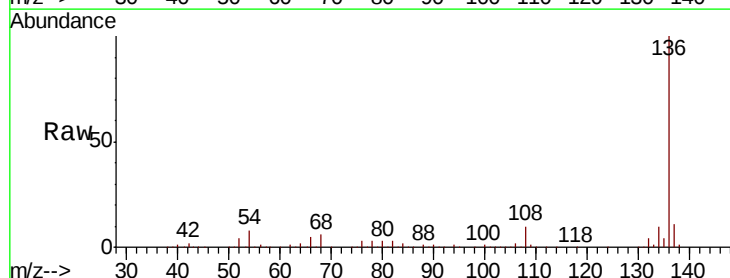
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 5.4 8.2#

68 5.7 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

1200000

1000000

800000

600000

400000

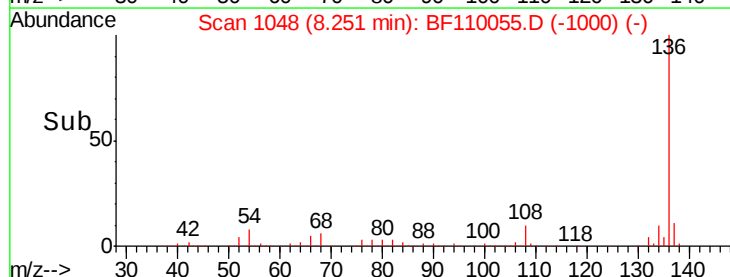
200000

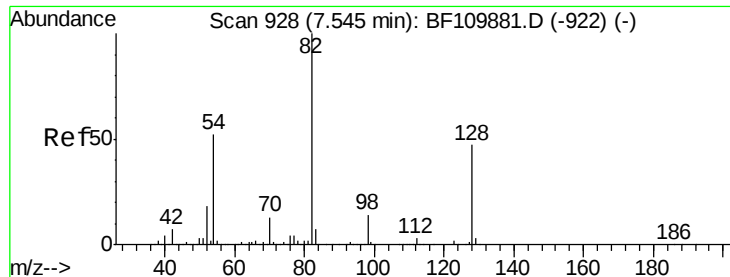
0

8.25

8.20 8.30 8.40

Time-->

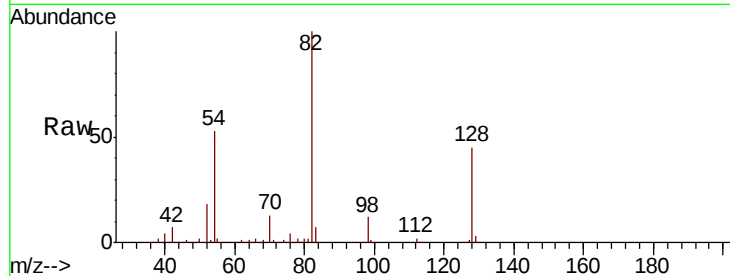




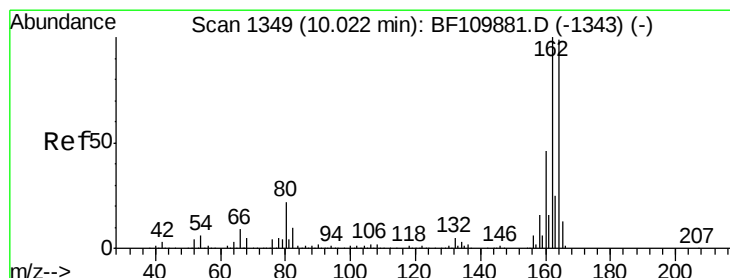
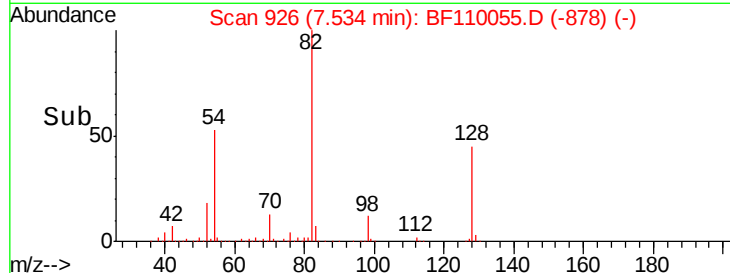
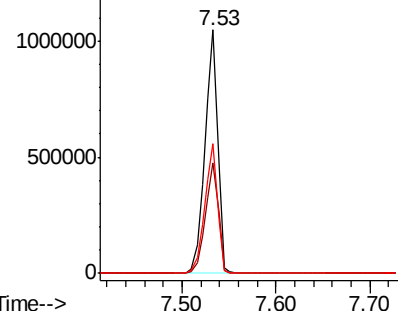
#23
 Nitrobenzene-d5
 Concen: 97.751 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-M

Tot Ion	82	Resp	996645
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.2	51.2
54	53.1	38.6	58.0

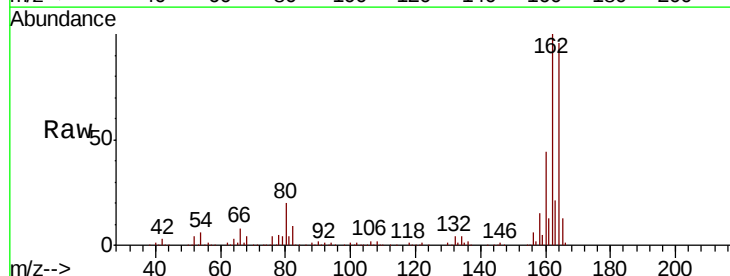


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

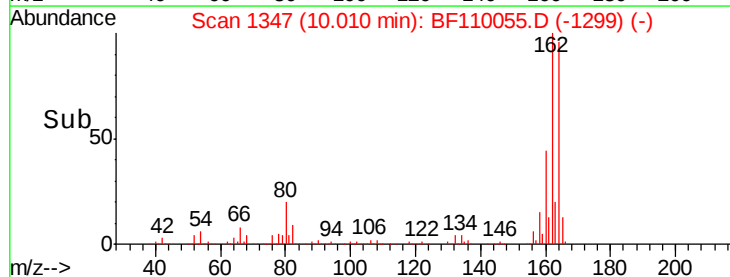
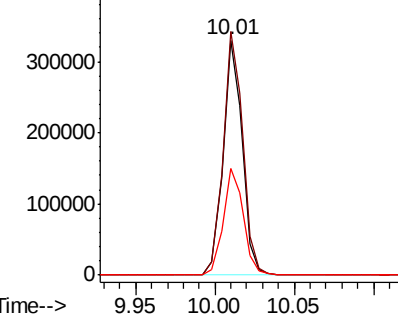


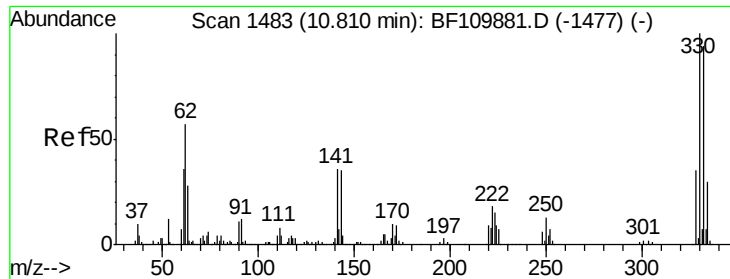
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Tgt Ion	164	Resp	275918
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.0	124.6
160	45.2	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

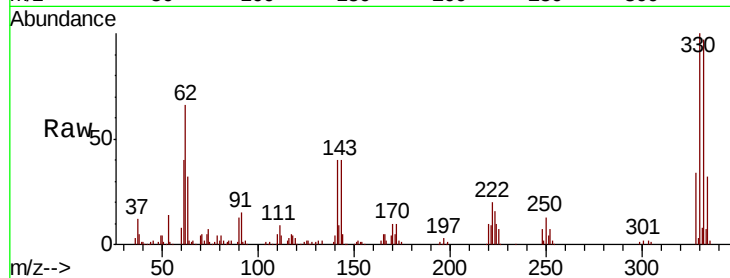




#42
 2,4,6-Tribromophenol
 Concen: 74.704 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	36.3	27.0	40.4

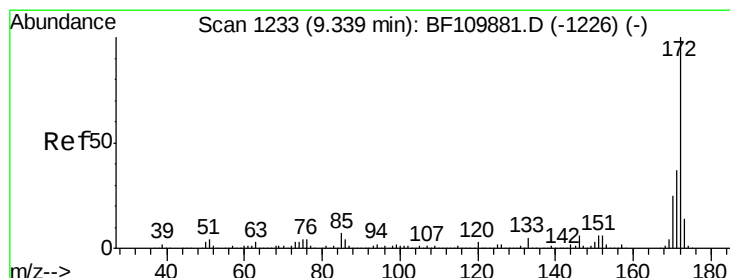
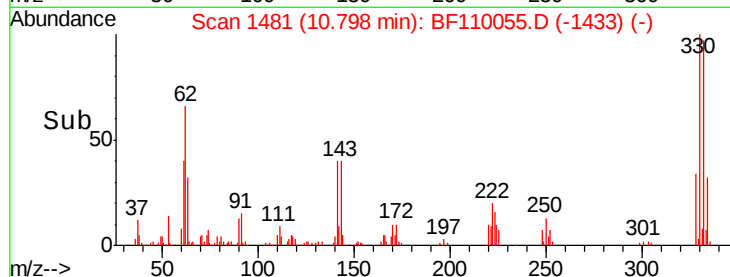
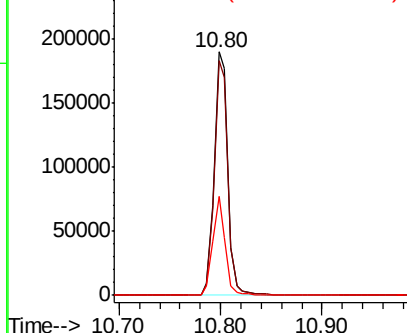


Abundance

Ion 329.80 (329.50 to 330.50): E

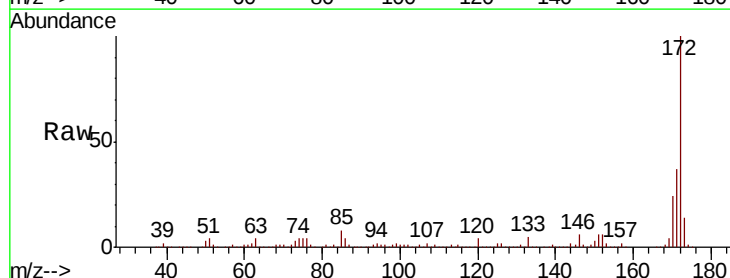
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.625 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.3	19.7	29.5

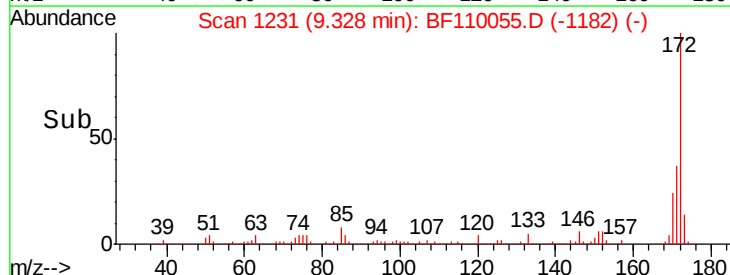
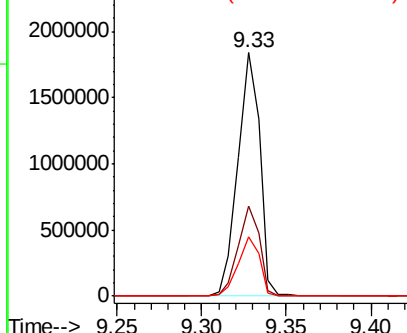


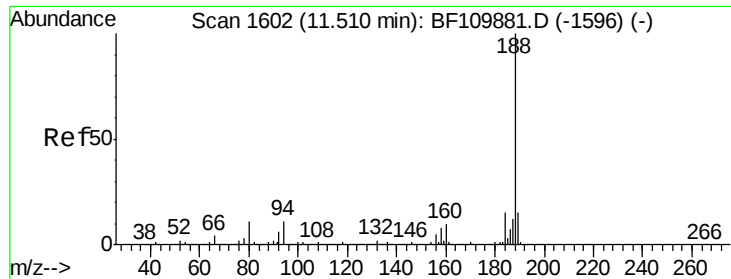
Abundance

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

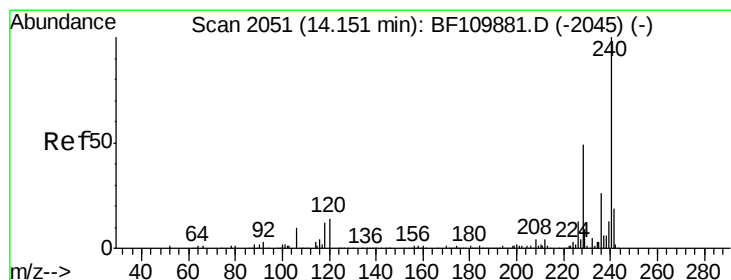
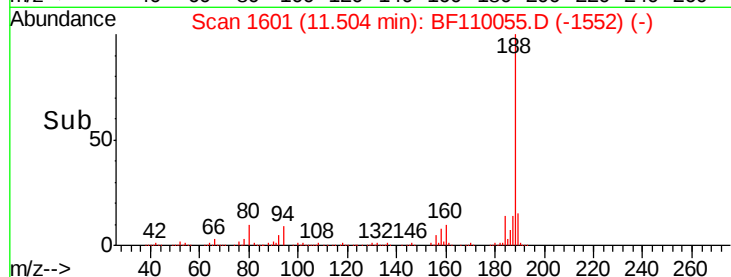
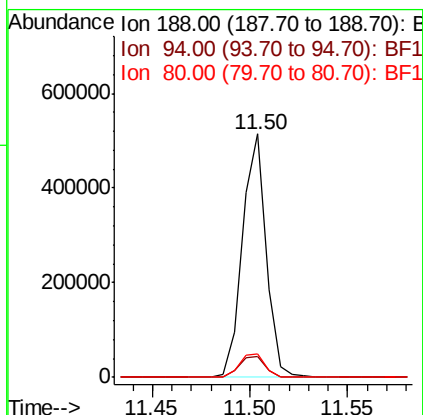
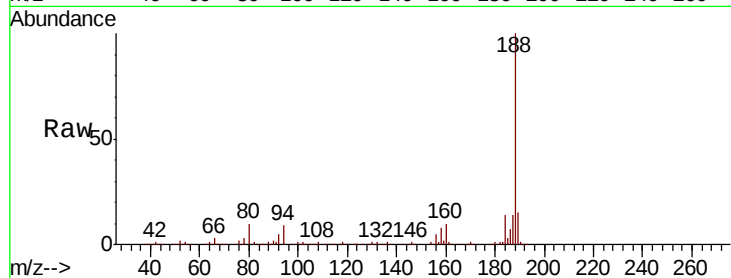




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110055.D
Acq: 22 Oct 2018 18:05

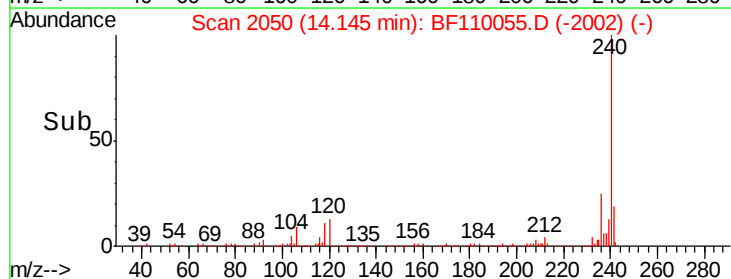
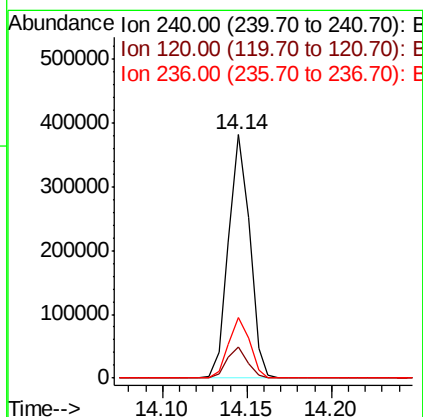
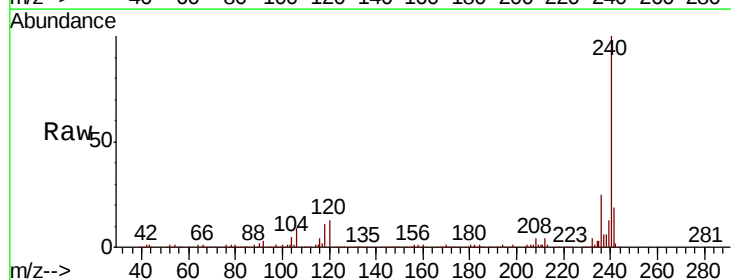
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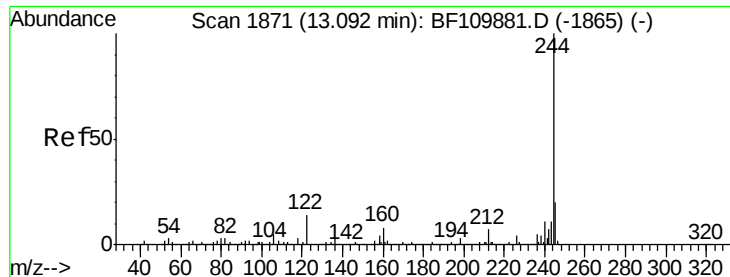
Tot Ion:188 Resp: 432625
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110055.D
Acq: 22 Oct 2018 18:05

Tgt Ion:240 Resp: 334204
Ion Ratio Lower Upper
240 100
120 12.9 8.3 12.5#
236 25.1 21.2 31.8

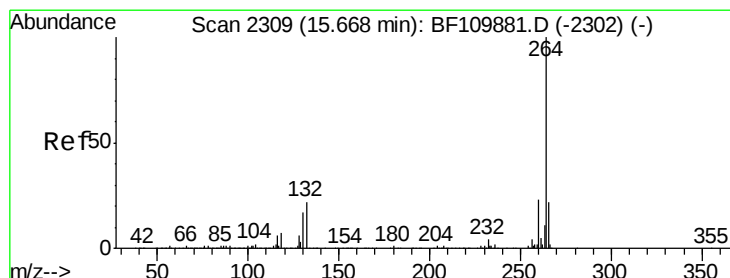
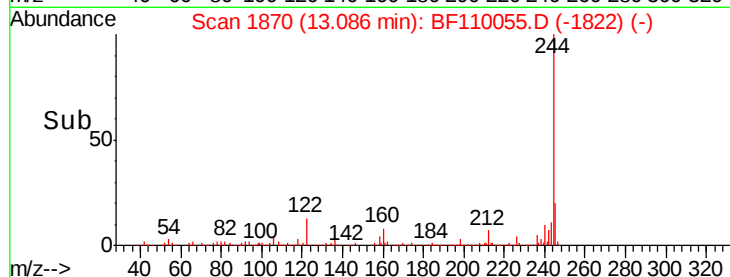
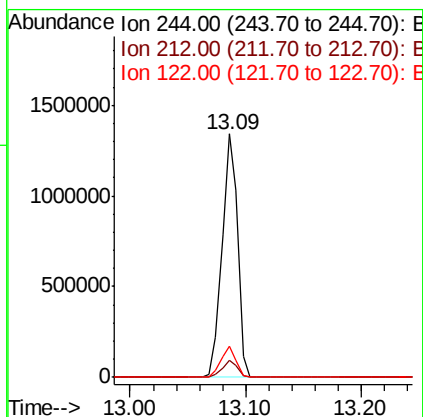
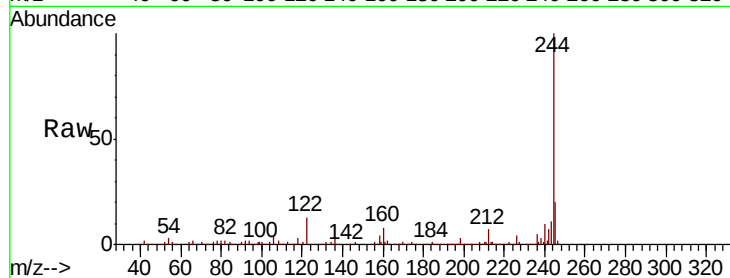




#79
 Terphenyl-d14
 Concen: 78.238 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Instrument :
 BNA_F
 ClientSampleId :
 101818-SIDI-E-U-M

Tot Ion:244 Resp: 1245160
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.9 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110055.D
 Acq: 22 Oct 2018 18:05

Tgt Ion:264 Resp: 239144
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 22.0 16.7 25.1

