

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110245.D
 Acq On : 27 Oct 2018 7:22
 Operator : JU/SJ
 Sample : J5686-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-U-M

Quant Time: Oct 29 02:48:59 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	112920	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	420462	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	169210	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	269889	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	192098	20.00	ng	-0.01
87) Perylene-d12	15.68	264	132412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	291231	42.00	ng	-0.01
7) Phenol-d6	6.58	99	246422	27.78	ng	-0.02
23) Nitrobenzene-d5	7.53	82	696725	98.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	124780	74.44	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1147905	106.52	ng	-0.01
79) Terphenyl-d14	13.09	244	927542	100.42	ng	-0.02

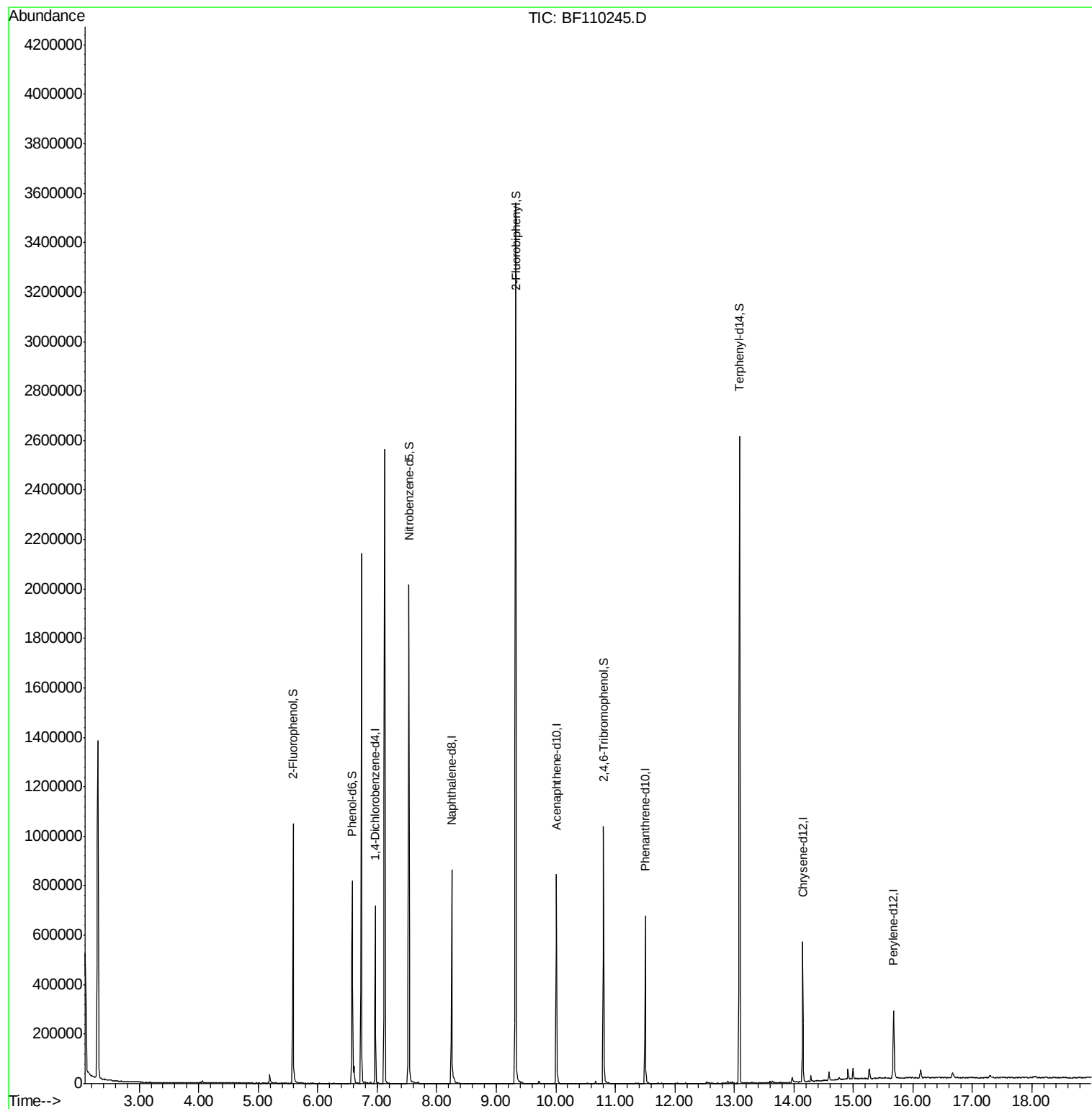
Target Compounds Qvalue

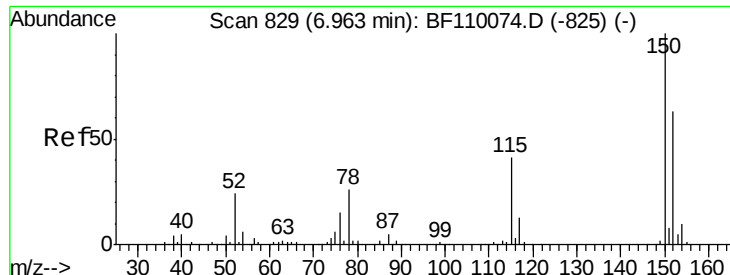
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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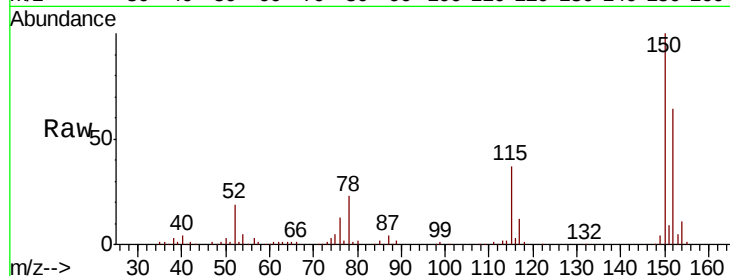




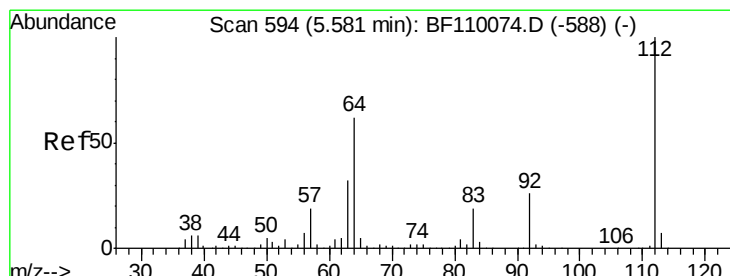
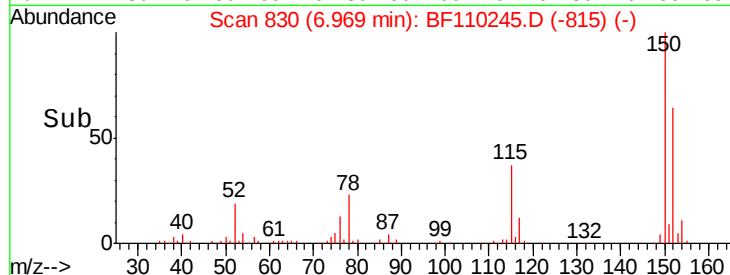
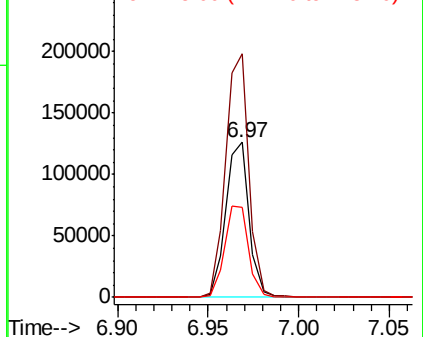
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-U-M

Tot Ion:152 Resp: 112920
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 57.8 49.1 73.7

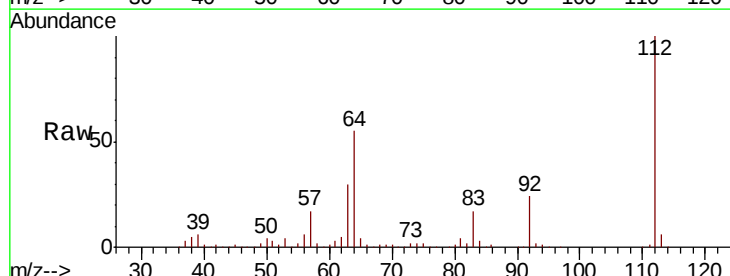


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

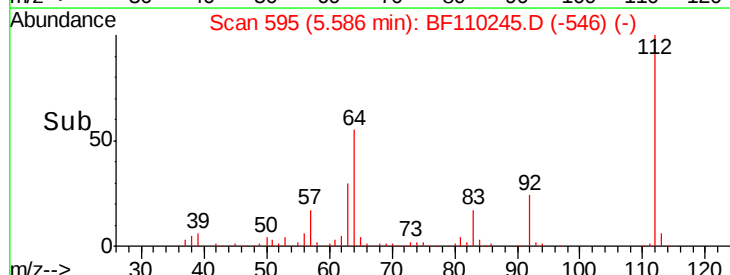
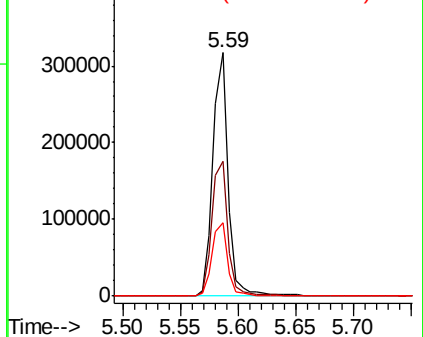


#5
 2-Fluorophenol
 Concen: 41.999 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

Tgt Ion:112 Resp: 291231
 Ion Ratio Lower Upper
 112 100
 64 55.5 44.1 66.1
 63 30.1 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: 27.783 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-U-M

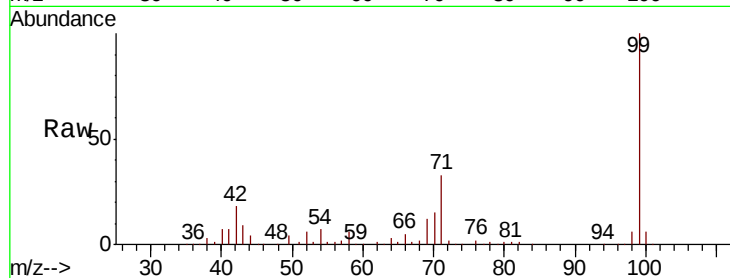
Tot Ion: 99 Resp: 246422

Ion Ratio Lower Upper

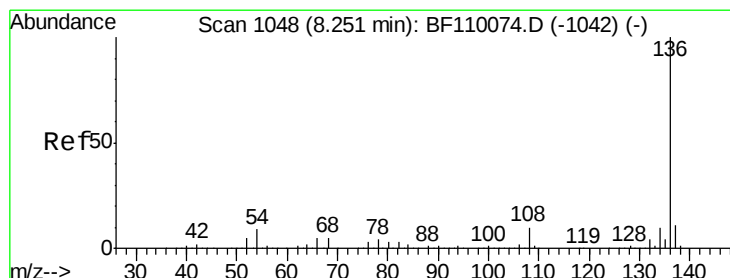
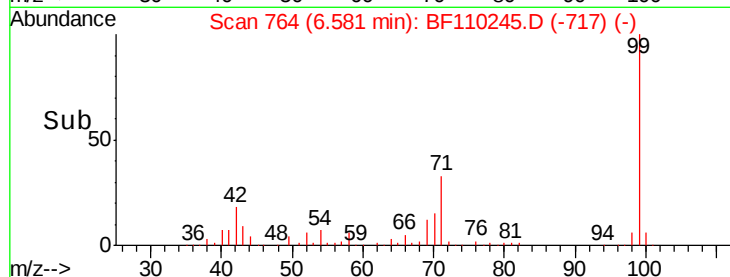
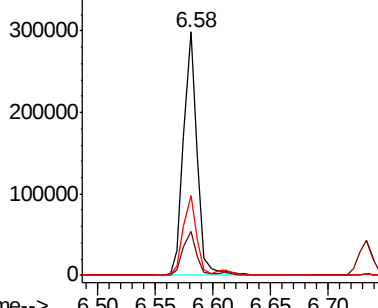
99 100

42 18.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Tgt Ion: 136 Resp: 420462

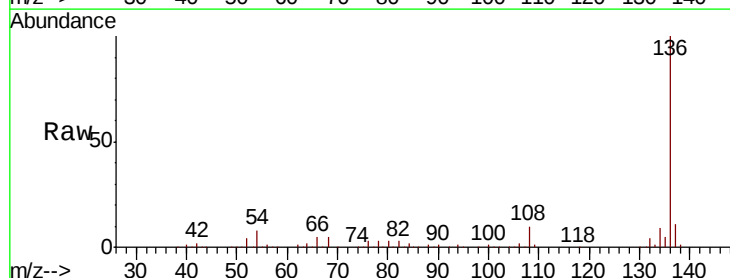
Ion Ratio Lower Upper

136 100

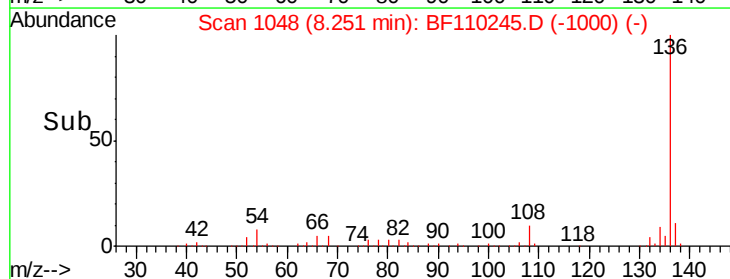
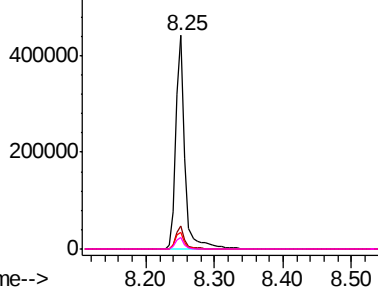
137 10.5 8.8 13.2

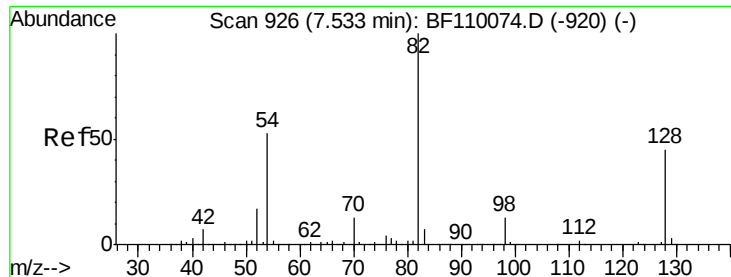
54 7.8 5.4 8.2

68 5.2 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

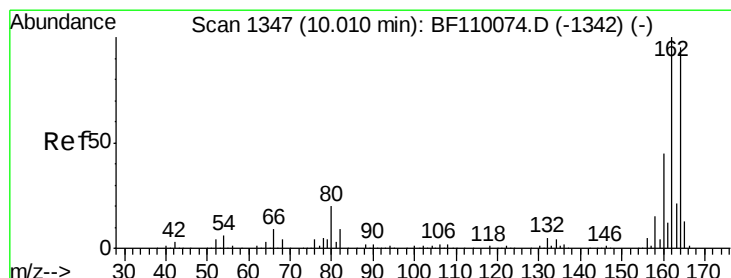
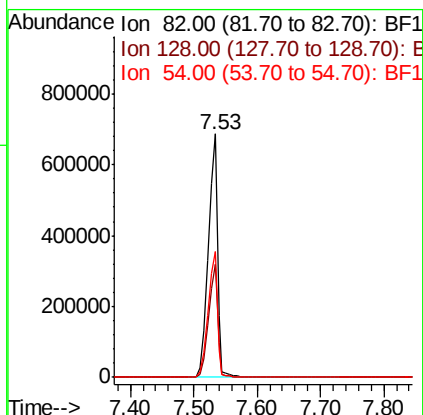
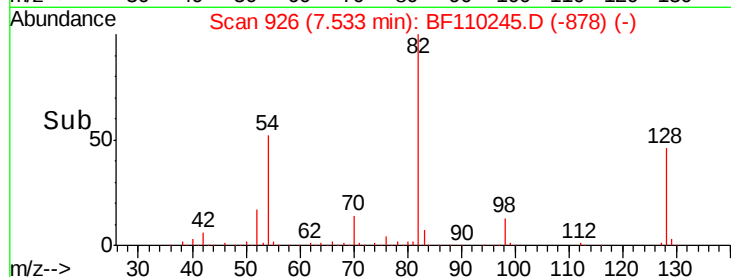
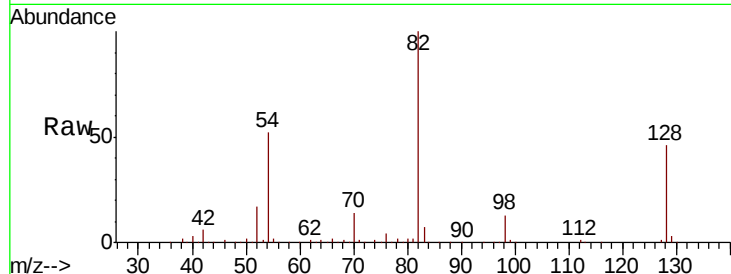




#23
 Nitrobenzene-d5
 Concen: 98.285 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

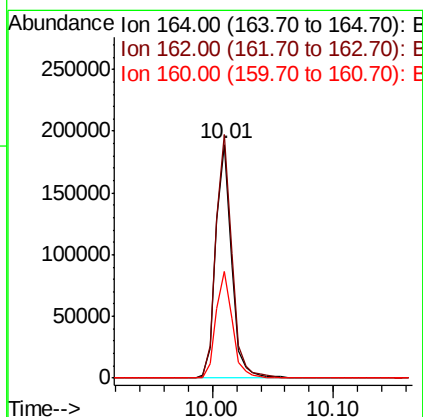
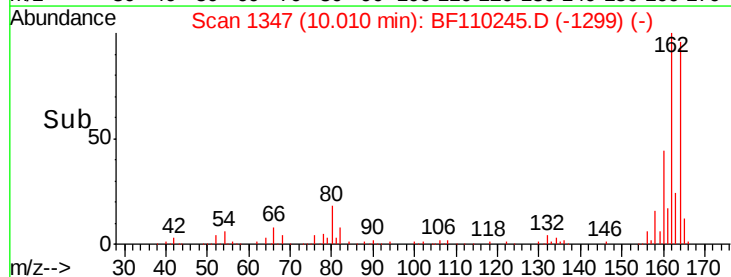
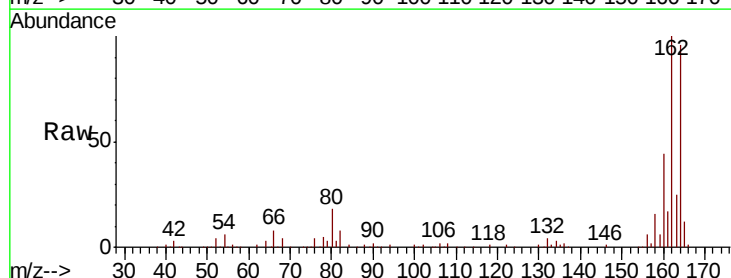
Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-U-M

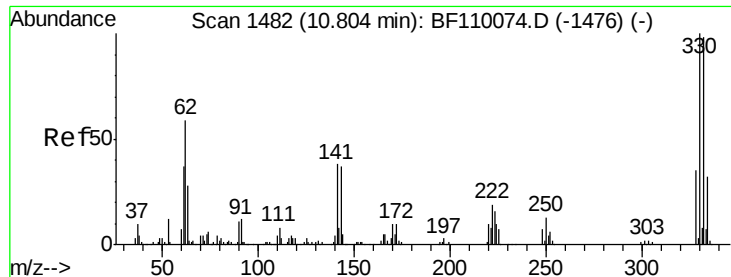
Tot Ion	82	Resp	696725
Ion Ratio	100		
Lower	34.2		
Upper	51.2		
54	51.5		
128	46.3		
98			
112			



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

Tgt Ion	164	Resp	169210
Ion Ratio	100		
Lower	83.0		
Upper	124.6		
162	104.2		
160	45.9		

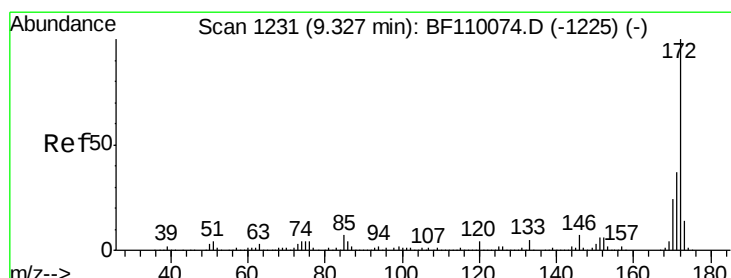
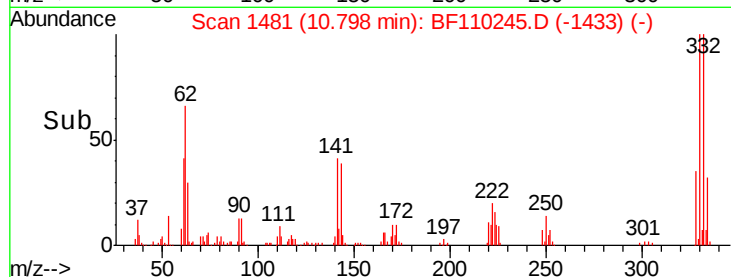
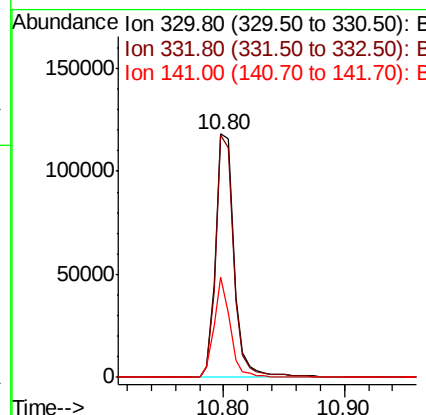
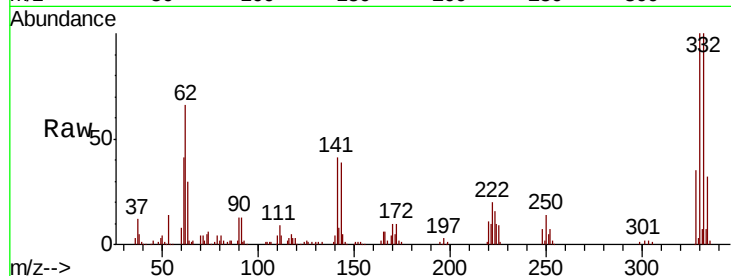




#42
 2,4,6-Tribromophenol
 Concen: 74.445 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

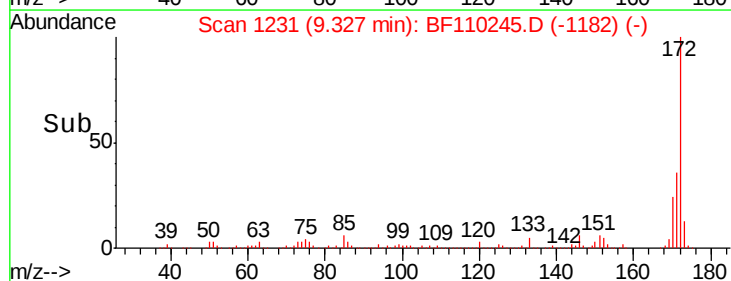
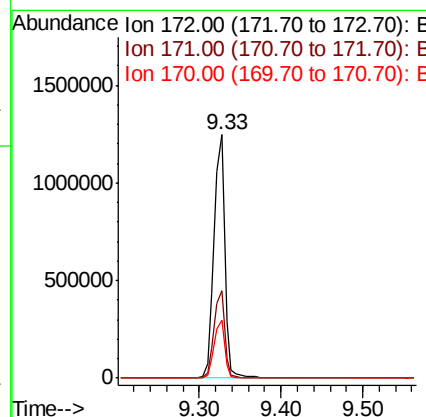
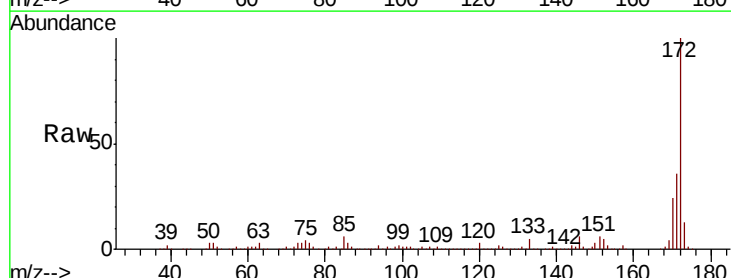
Instrument :
 BNA_F
 ClientSampleId :
 102418-DBRI-F-U-M

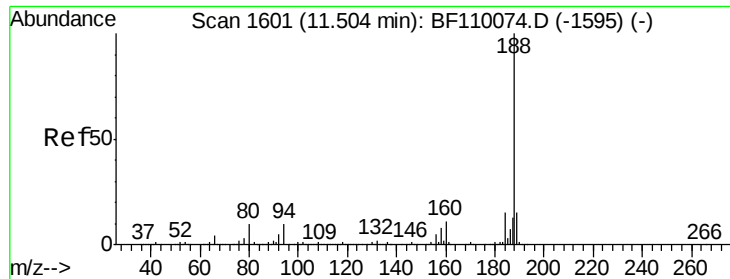
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	35.8	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 106.525 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110245.D
 Acq: 27 Oct 2018 7:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.7	29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

BNA_F

ClientSampleId :

102418-DBRI-F-U-M

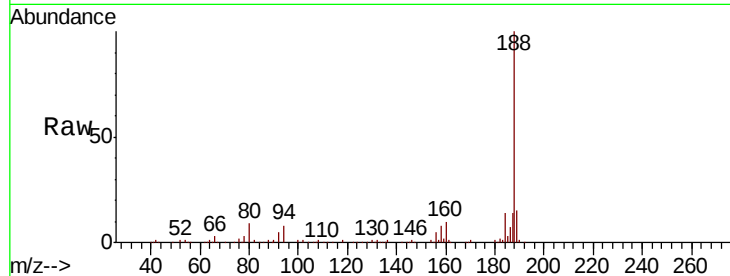
Tot Ion:188 Resp: 269889

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

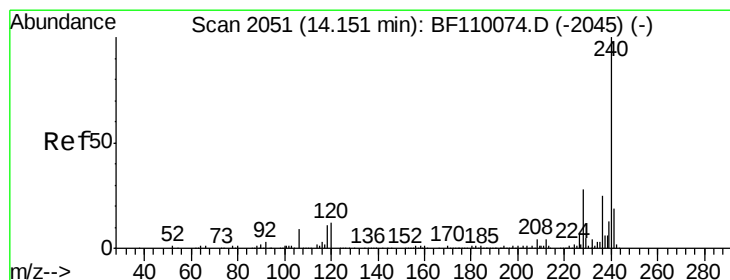
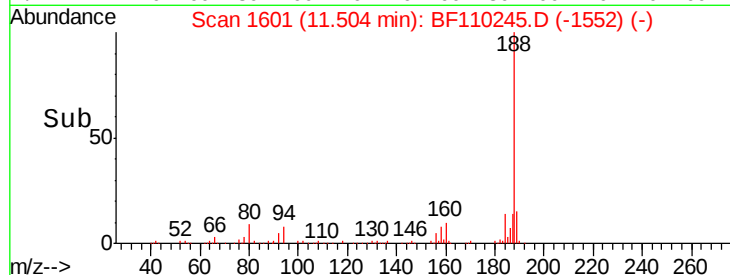
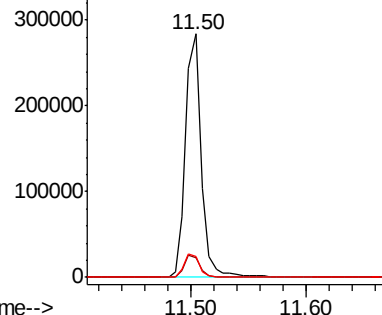
80 8.6 7.9 11.9



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: BF110245.D

Acq: 27 Oct 2018 7:22

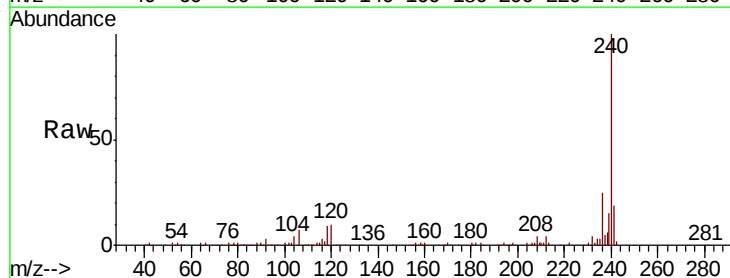
Tgt Ion:240 Resp: 192098

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

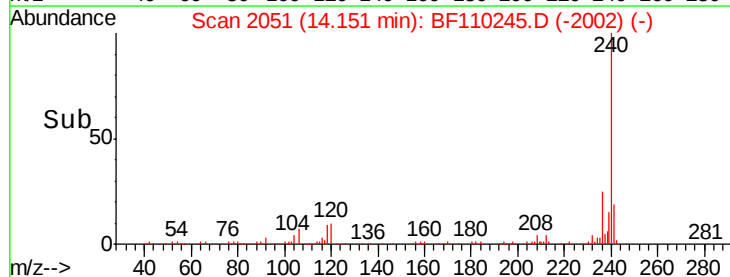
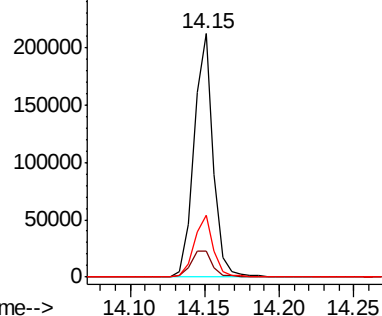
236 25.2 21.2 31.8

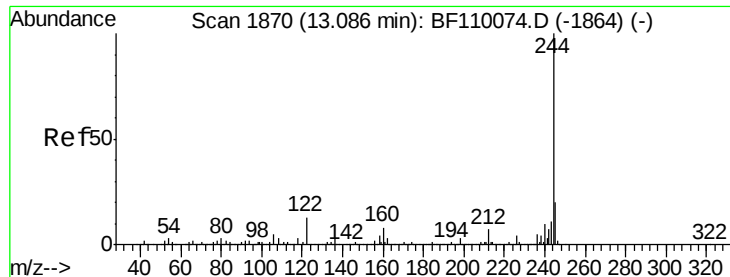


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.418 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

Instrument :

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ClientSampleId :

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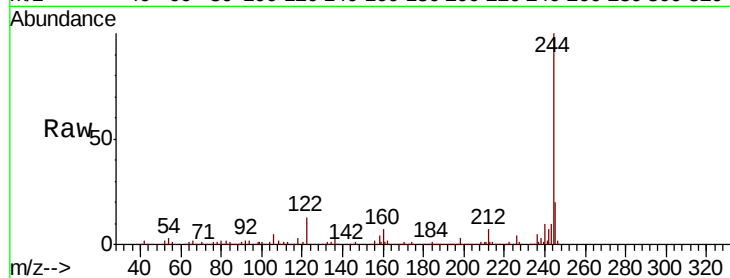
Tot Ion:244 Resp: 927542

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

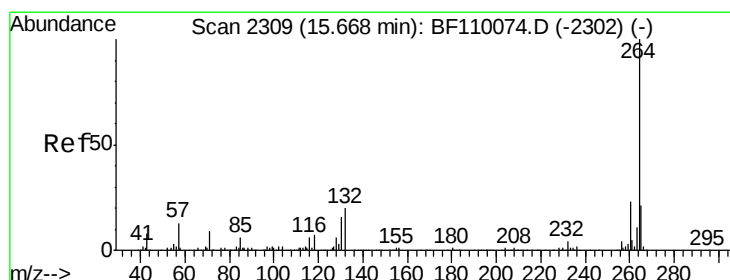
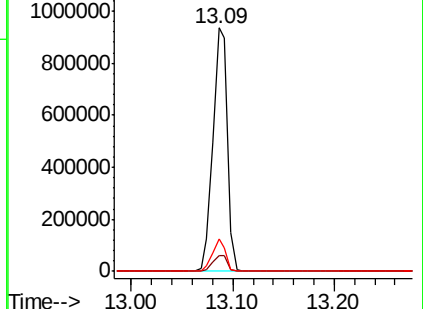
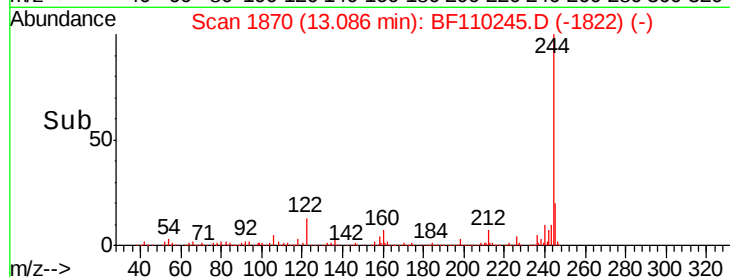
122 13.2 8.7 13.1#



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110245.D

Acq: 27 Oct 2018 7:22

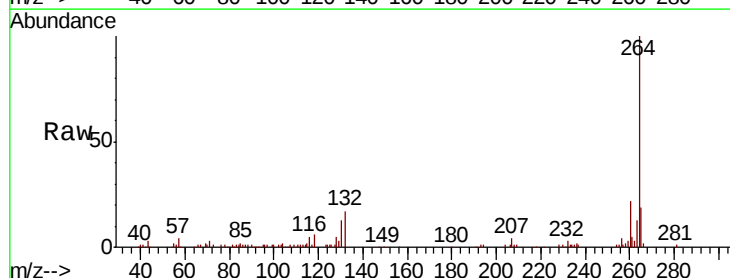
Tgt Ion:264 Resp: 132412

Ion Ratio Lower Upper

264 100

260 21.7 18.7 28.1

265 19.0 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

