

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110184.D
 Acq On : 26 Oct 2018 2:08
 Operator : JU/SJ
 Sample : J5626-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01B

Quant Time: Oct 26 07:20:40 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	128982	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	494524	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	194093	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	309089	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	238067	20.00	ng	-0.01
87) Perylene-d12	15.68	264	180160	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	18737	2.37	ng	-0.02
7) Phenol-d6	6.58	99	23574	2.33	ng	-0.02
23) Nitrobenzene-d5	7.53	82	13181	1.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	3202	1.67	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	27956	2.26	ng	-0.02
79) Terphenyl-d14	13.09	244	21959	1.92	ng	-0.02

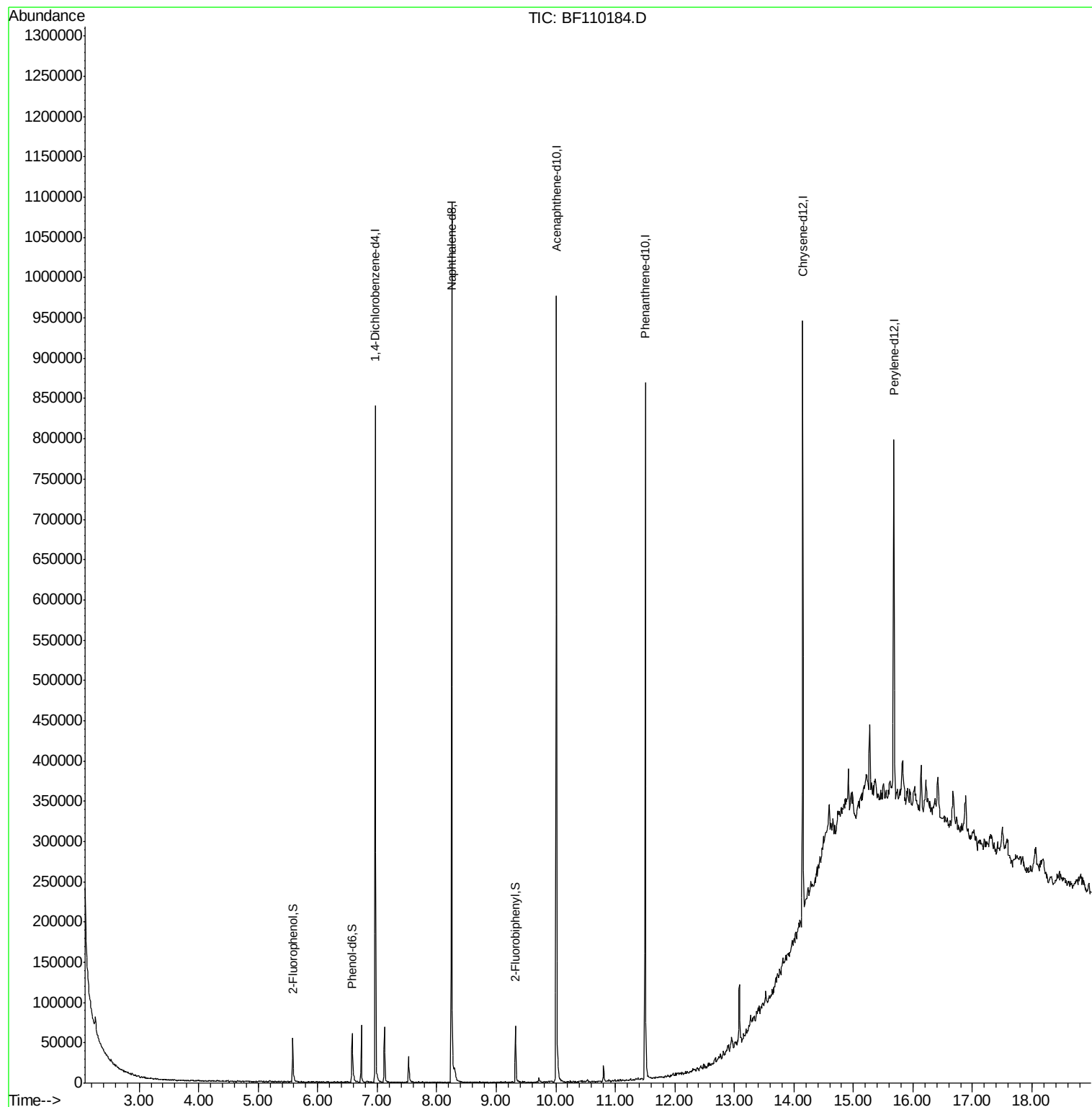
Target Compounds Qvalue

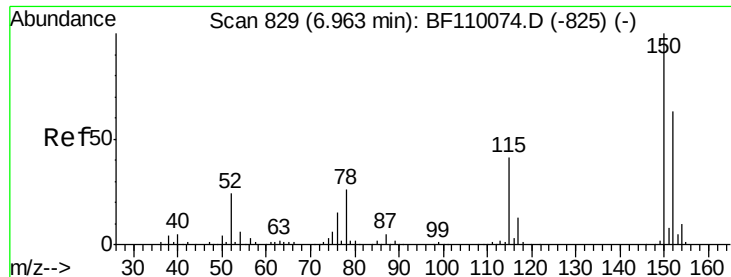
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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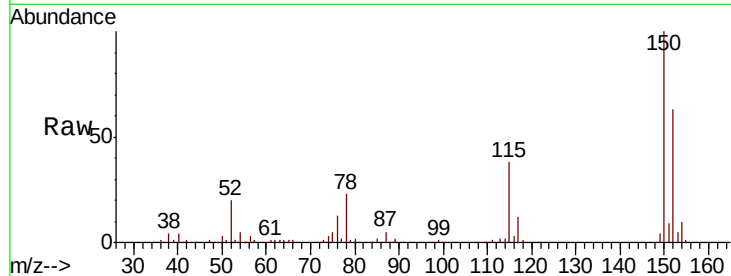


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110184.D
Acq: 26 Oct 2018 2:08

Instrument :
BNA_F
ClientSampleId :
PA-SB-01B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	59.8	49.1	73.7

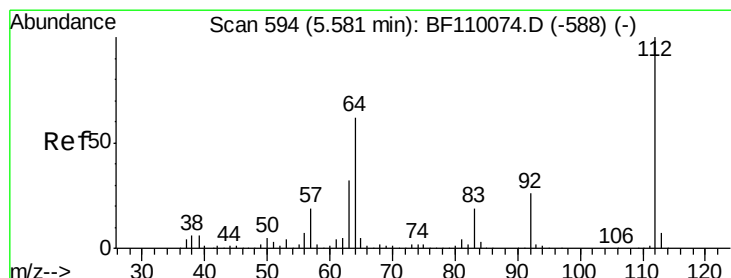
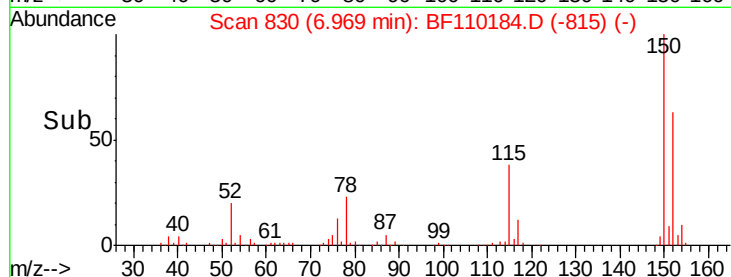
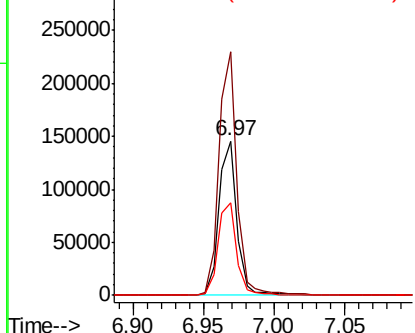


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

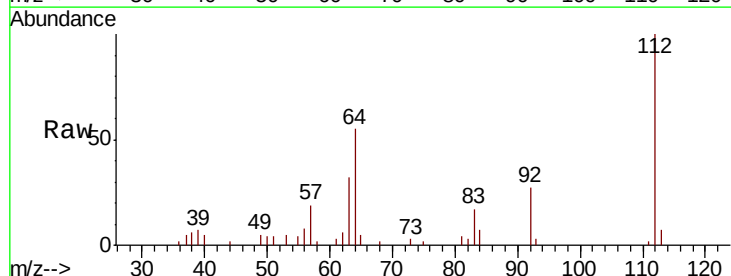
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.366 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110184.D
Acq: 26 Oct 2018 2:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.1	66.1
63	32.1	23.7	35.5

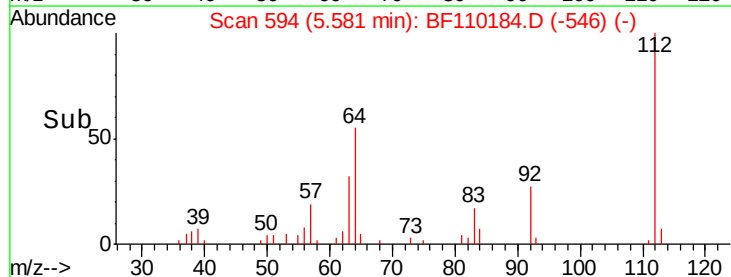
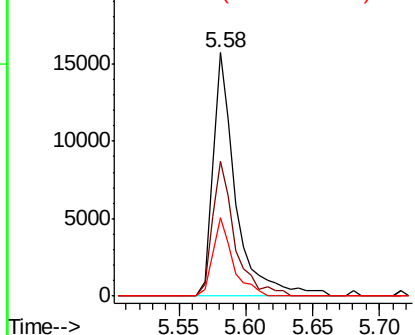


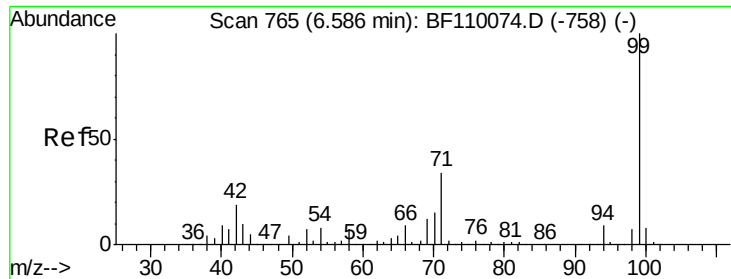
Abundance

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: 2.327 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110184.D

Acq: 26 Oct 2018 2:08

Instrument :

BNA_F

ClientSampled :

PA-SB-01B

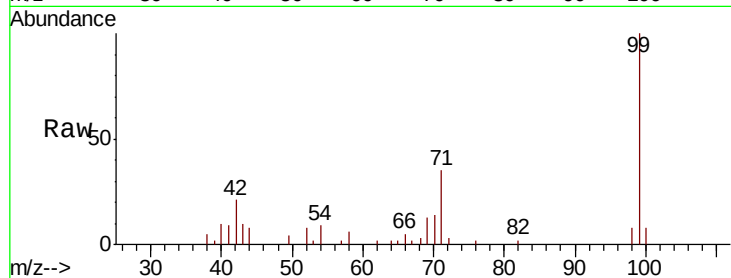
Tot Ion: 99 Resp: 23574

Ion Ratio Lower Upper

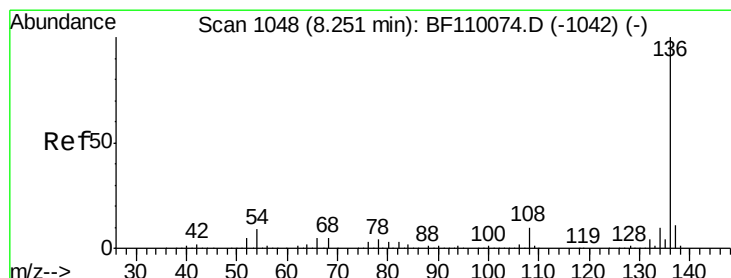
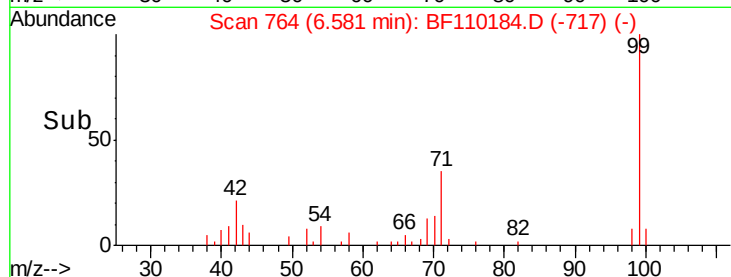
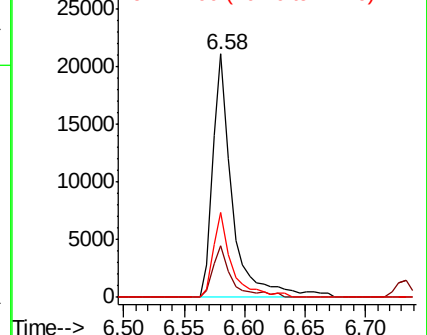
99 100

42 20.9 15.8 23.6

71 35.1 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: BF110184.D

Acq: 26 Oct 2018 2:08

Tgt Ion: 136 Resp: 494524

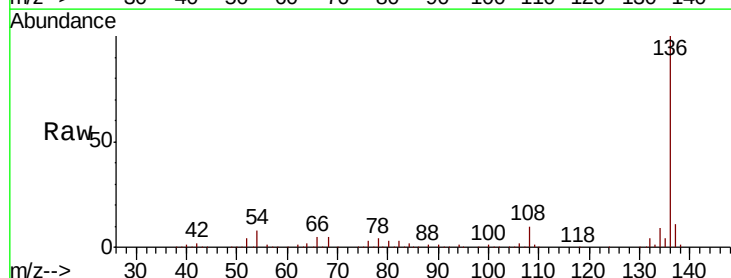
Ion Ratio Lower Upper

136 100

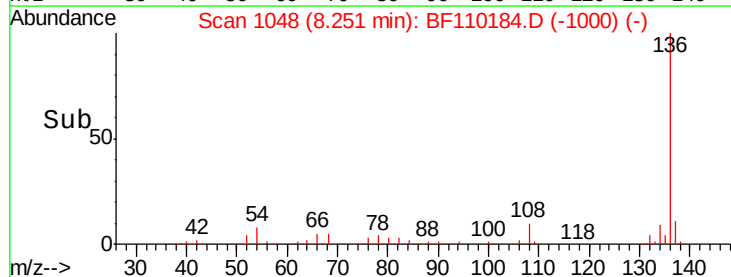
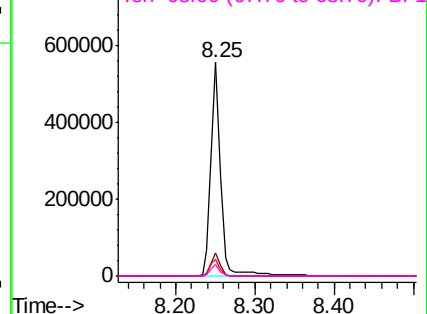
137 10.9 8.8 13.2

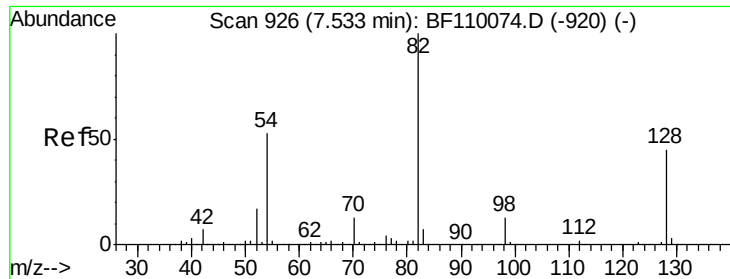
54 7.9 5.4 8.2

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

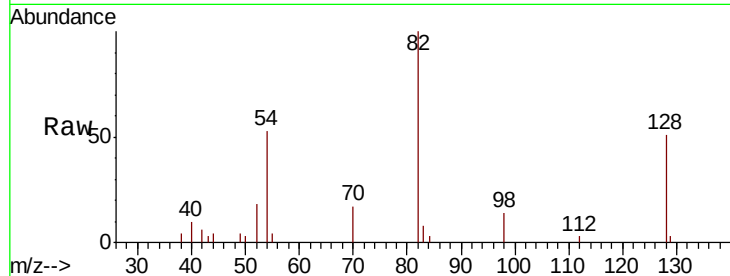




#23
 Nitrobenzene-d5
 Concen: 1.581 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110184.D
 Acq: 26 Oct 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01B

Tot Ion	82	Resp	13181
Ion Ratio	Lower	Upper	
82	100		
128	51.3	34.2	51.2#
54	53.2	38.6	58.0

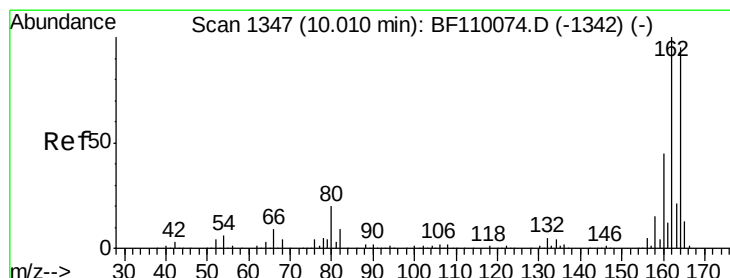
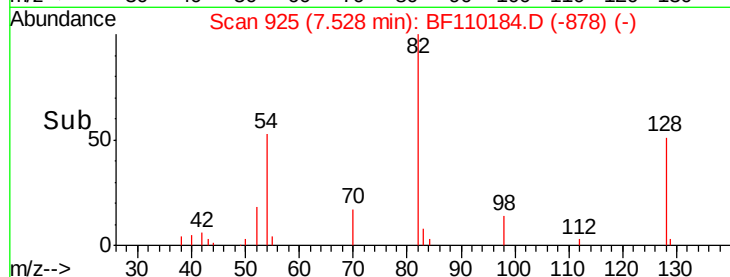
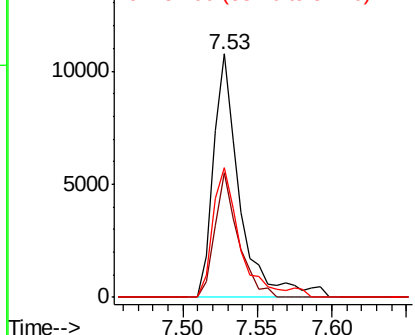


Abundance

Ion 82.00 (81.70 to 82.70): BF1

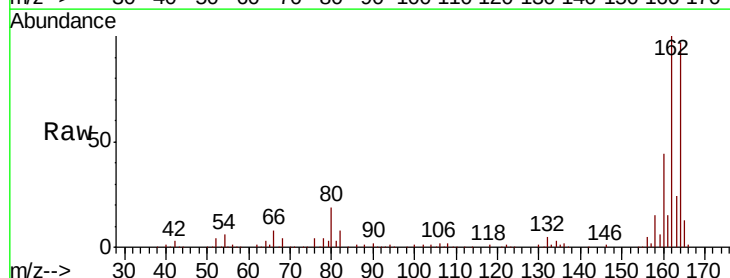
Ion 128.00 (127.70 to 128.70): E

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: BF110184.D
 Acq: 26 Oct 2018 2:08

Tgt Ion	164	Resp	194093
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.6
160	45.0	37.0	55.6

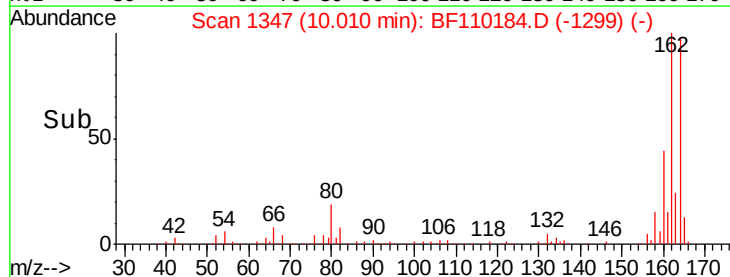
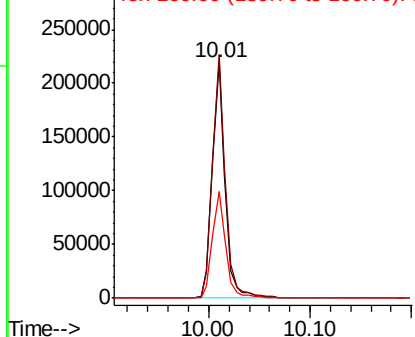


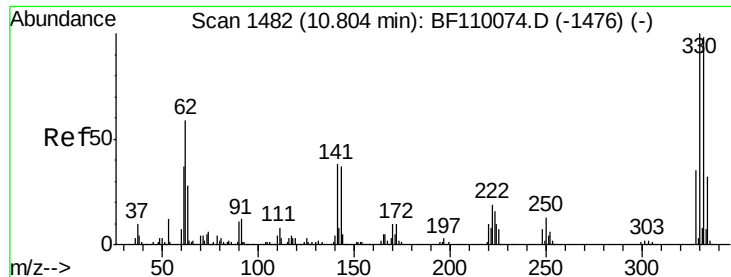
Abundance

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

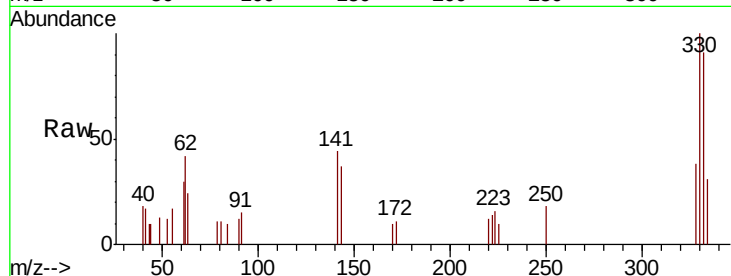




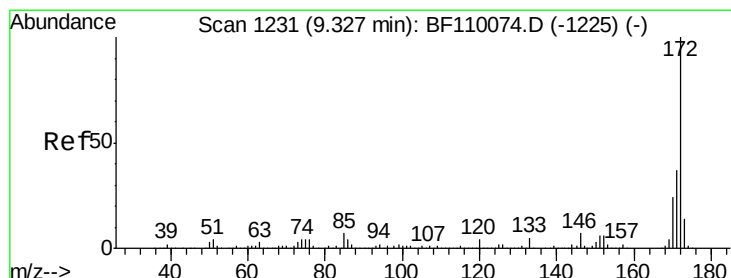
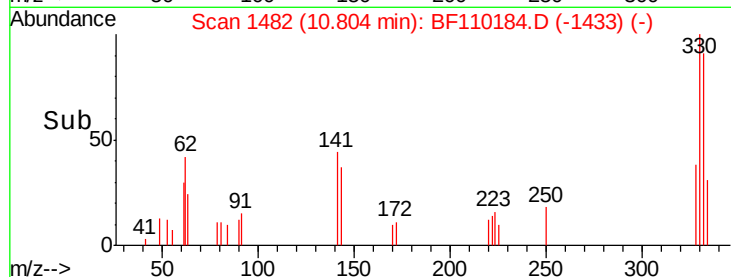
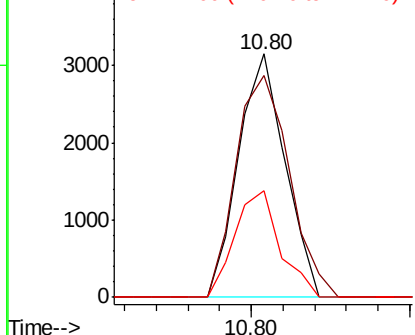
#42
 2,4,6-Tribromophenol
 Concen: 1.665 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110184.D
 Acq: 26 Oct 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PA-SB-01B

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.5	77.1	115.7
141	42.5	27.0	40.4

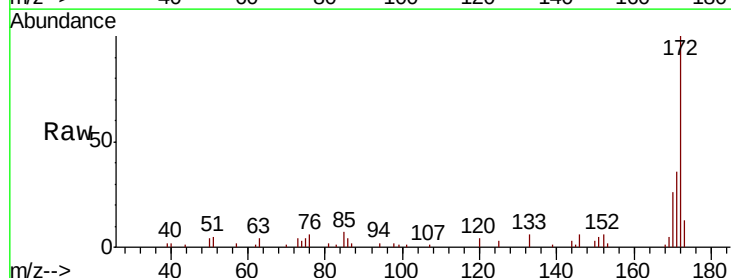


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

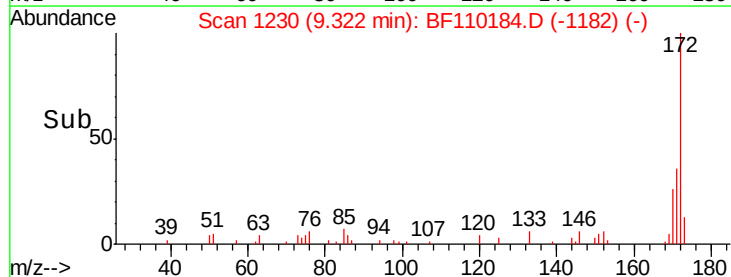
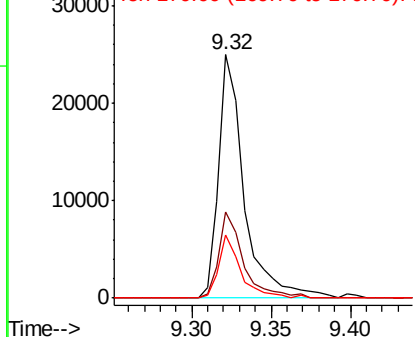


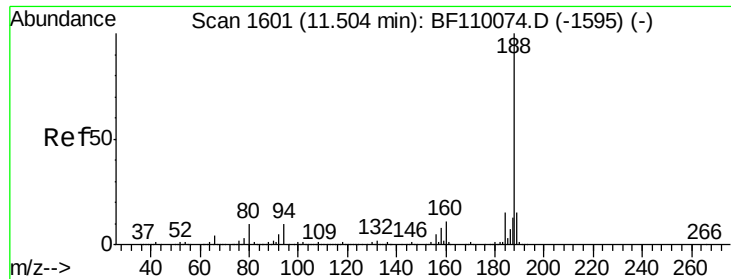
#45
 2-Fluorobiphenyl
 Concen: 2.262 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110184.D
 Acq: 26 Oct 2018 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	25.7	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: BF110184.D

Acq: 26 Oct 2018 2:08

Instrument :

BNA_F

ClientSampleId :

PA-SB-01B

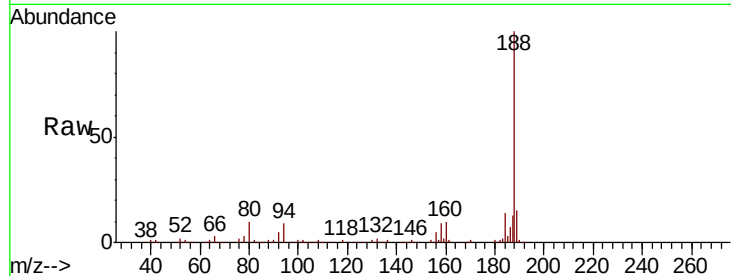
Tot Ion:188 Resp: 309089

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

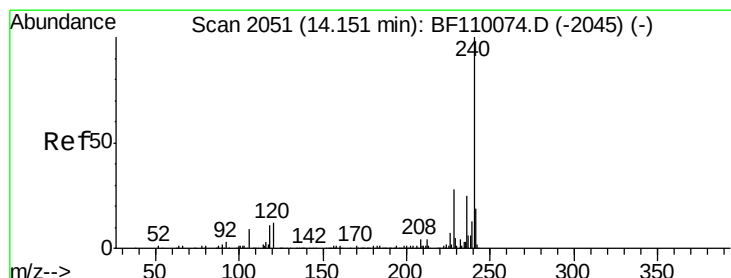
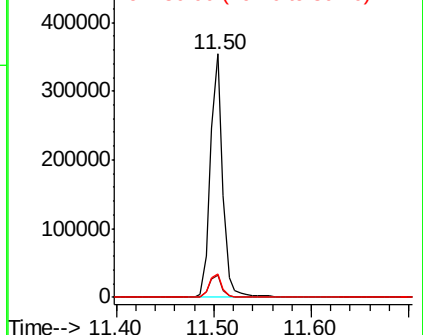
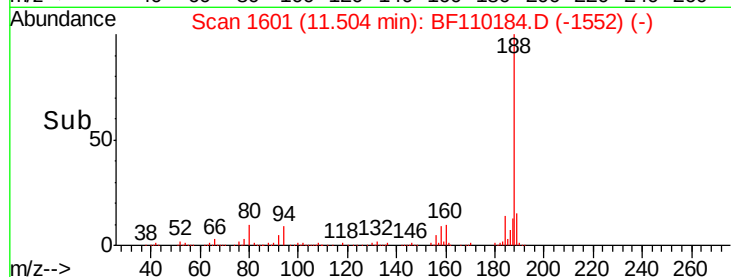
80 9.5 7.9 11.9



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: BF110184.D

Acq: 26 Oct 2018 2:08

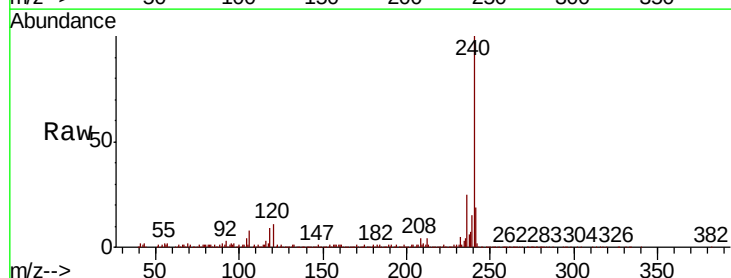
Tgt Ion:240 Resp: 238067

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

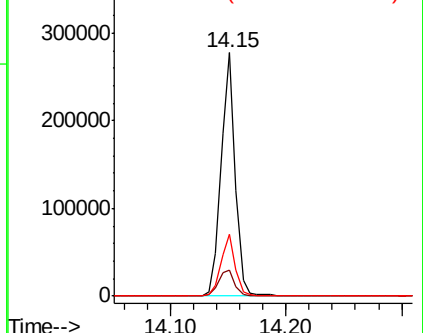
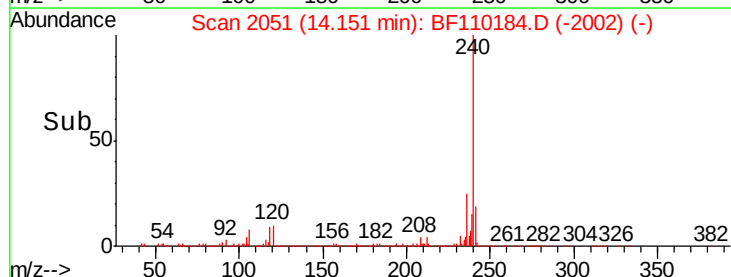
236 25.4 21.2 31.8

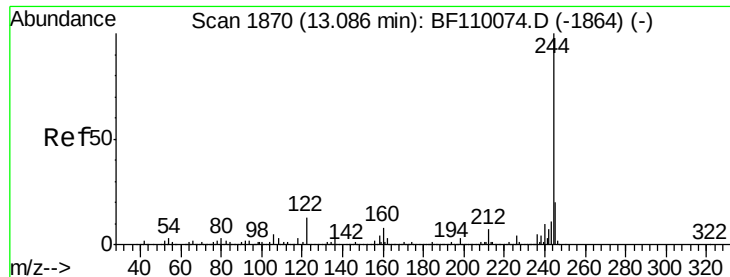


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.918 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110184.D

Acq: 26 Oct 2018 2:08

Instrument :

BNA_F

ClientSampleId :

PA-SB-01B

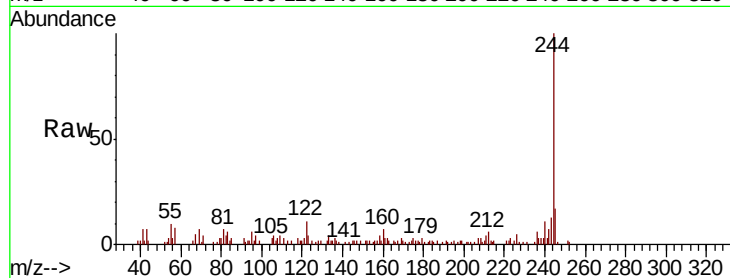
Tot Ion:244 Resp: 21959

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.8

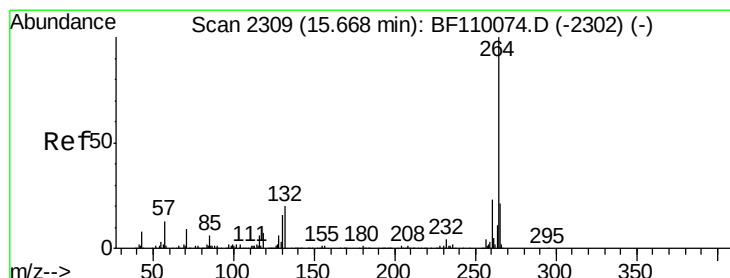
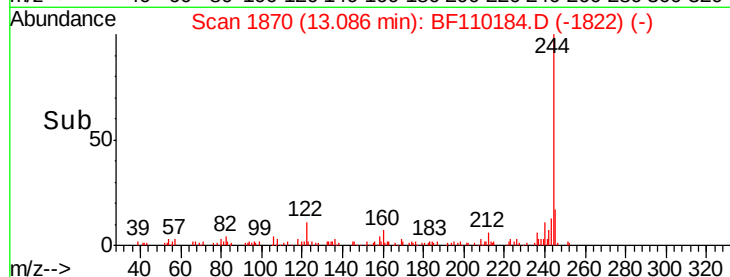
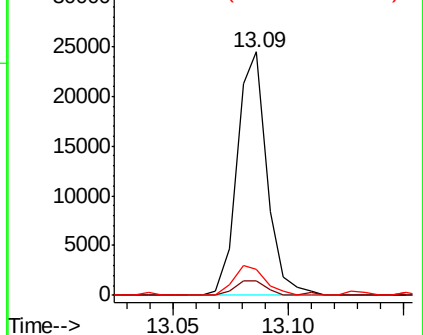
122 10.8 8.7 13.1



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: BF110184.D

Acq: 26 Oct 2018 2:08

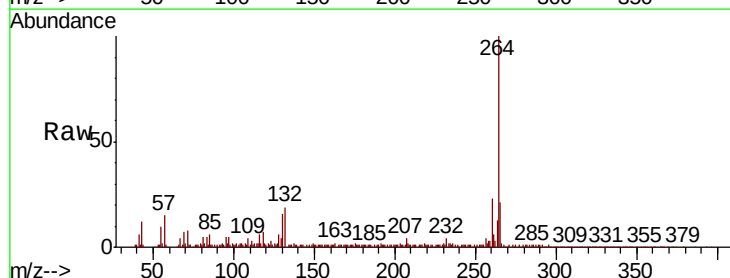
Tgt Ion:264 Resp: 180160

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.0 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

