

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110043.D
 Acq On : 22 Oct 2018 12:25
 Operator : JU/SJ
 Sample : PB114001BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BL

Quant Time: Oct 23 02:29:07 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	206031	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	797168	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	379076	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	745479	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	698665	20.00	ng	-0.02
87) Perylene-d12	15.67	264	594223	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1498949	115.32	ng	0.00
7) Phenol-d6	6.59	99	1897924	117.59	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1176898	99.45	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	477120	145.38	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2087655	87.88	ng	-0.01
79) Terphenyl-d14	13.09	244	2369231	71.21	ng	-0.01

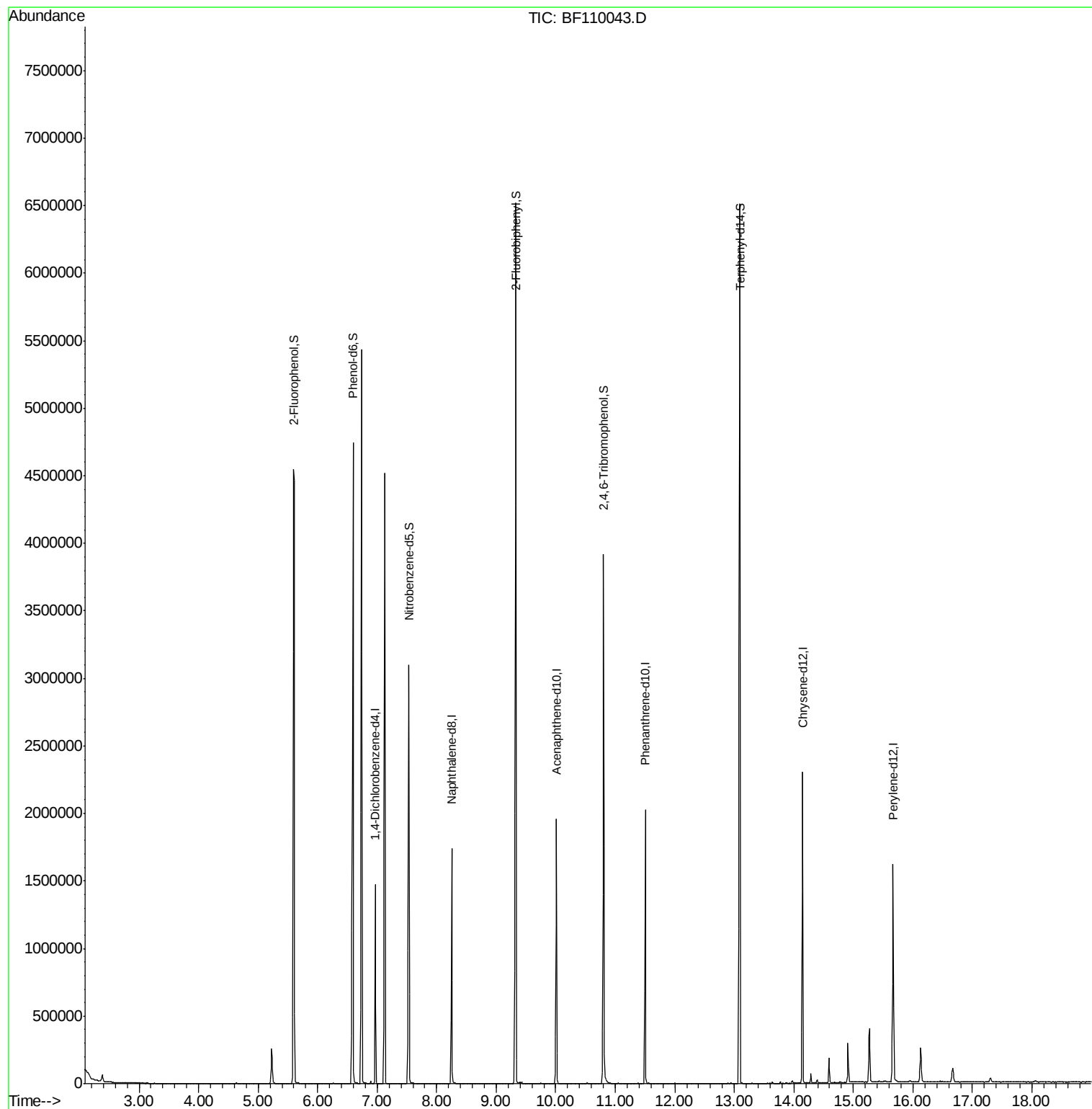
Target Compounds Qvalue

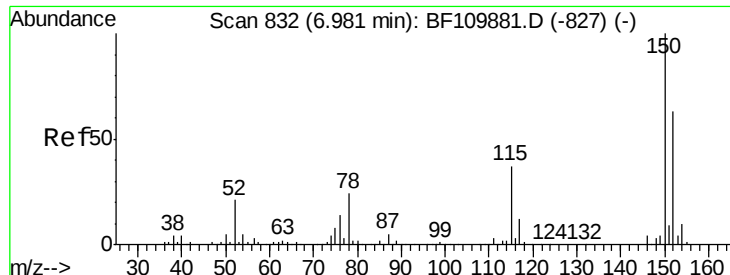
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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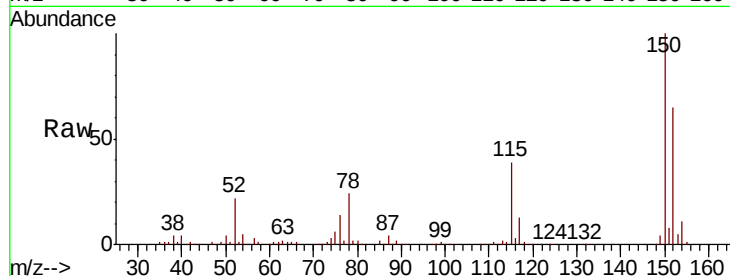


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110043.D
Acq: 22 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :
PB114001BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.7	184.1
115	59.9	49.1	73.7

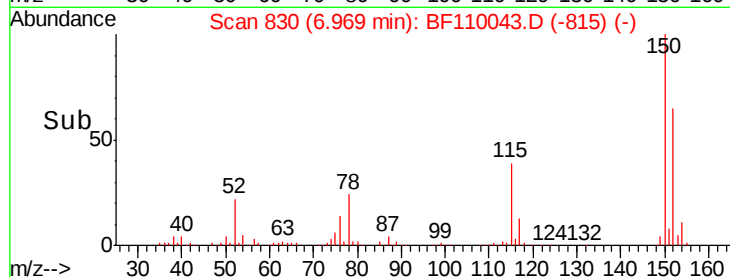
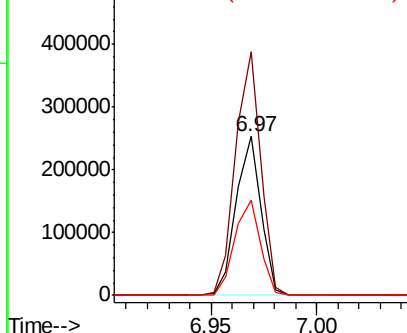


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

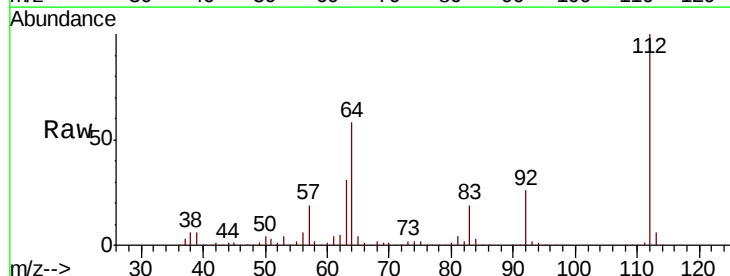
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.324 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110043.D
Acq: 22 Oct 2018 12:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	31.1	23.7	35.5

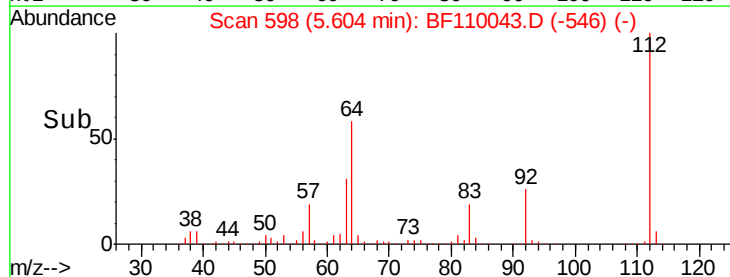
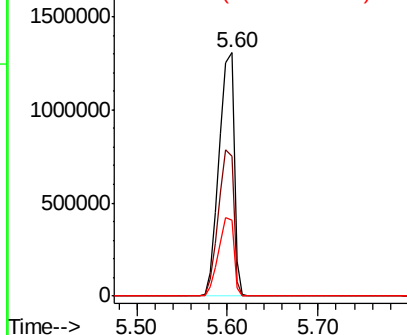


Abundance

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: 117.593 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110043.D

Acq: 22 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

PB114001BL

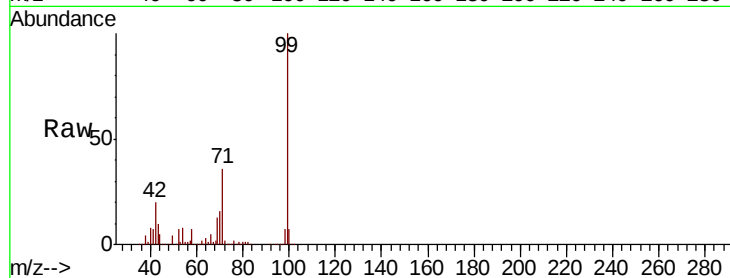
Tot Ion: 99 Resp: 1897924

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

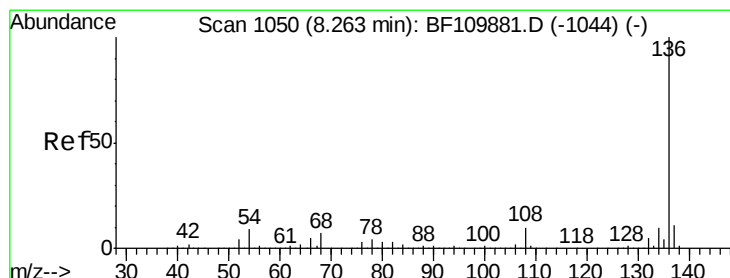
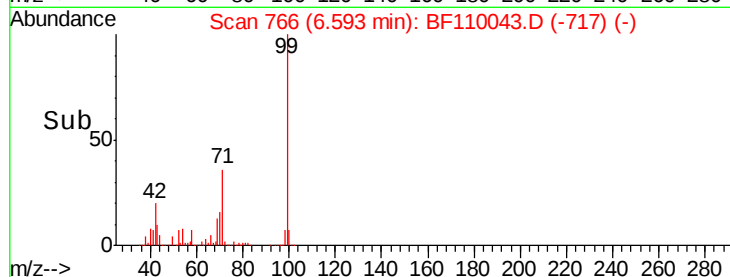
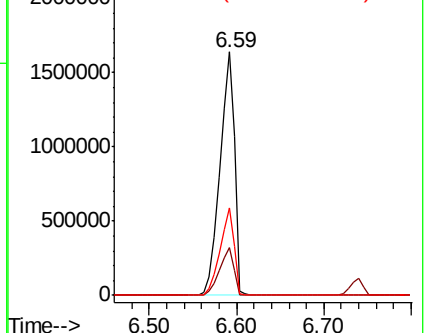
71 35.8 28.0 42.0



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: BF110043.D

Acq: 22 Oct 2018 12:25

Tgt Ion: 136 Resp: 797168

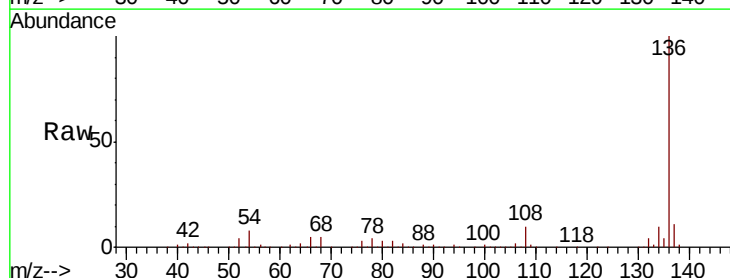
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.0 5.4 8.2

68 5.2 4.2 6.2

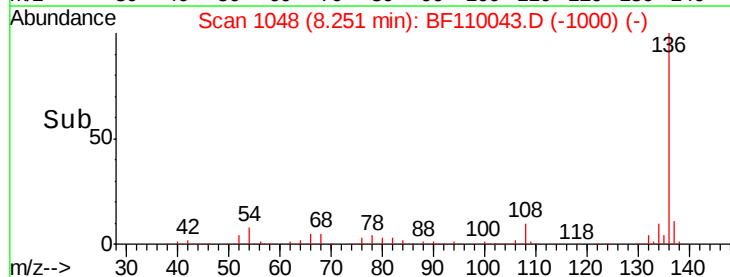
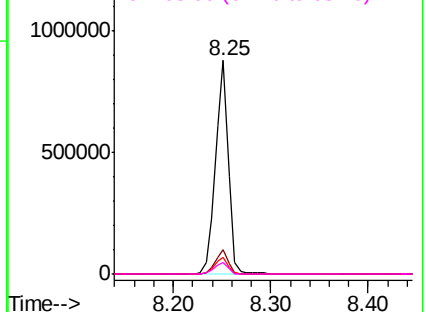


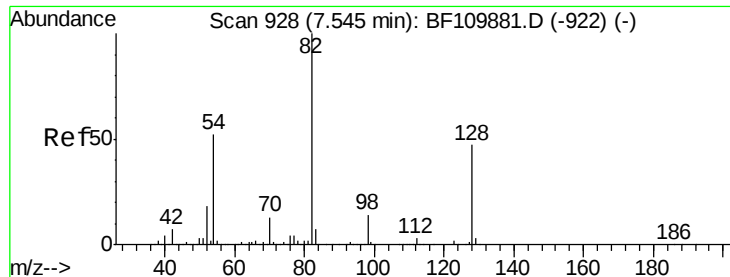
Abundance Ion 136.00 (135.70 to 136.70): E

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

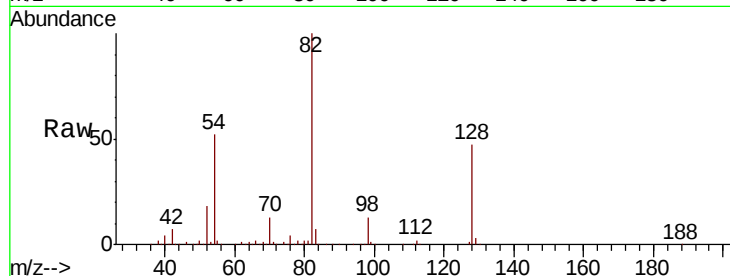




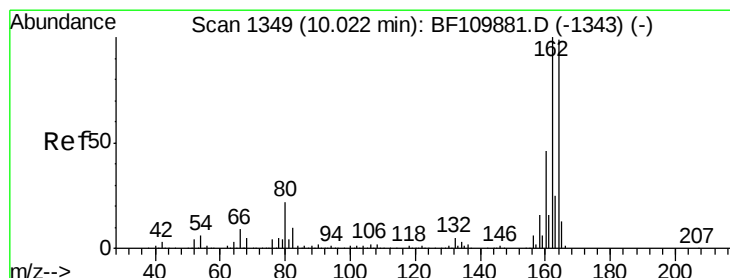
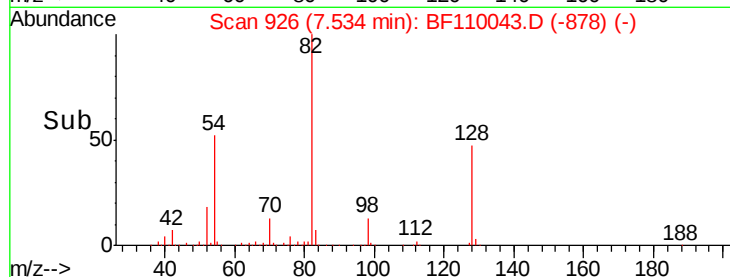
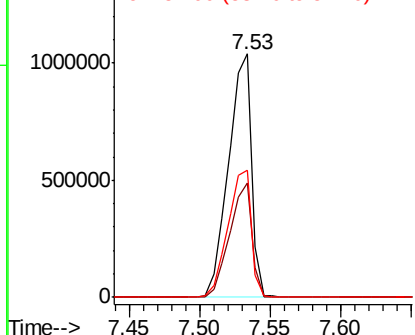
#23
Nitrobenzene-d5
Concen: 99.453 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110043.D
Acq: 22 Oct 2018 12:25

Instrument :
BNA_F
ClientSampleId :
PB114001BL

Tot Ion: 82 Resp: 1176898
Ion Ratio Lower Upper
82 100
128 47.0 34.2 51.2
54 52.3 38.6 58.0

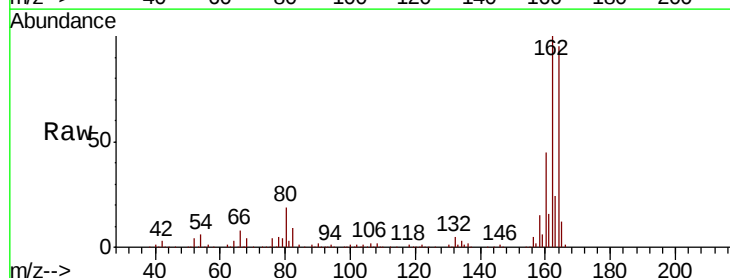


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

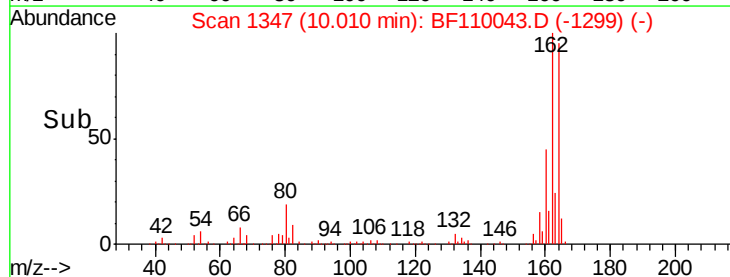
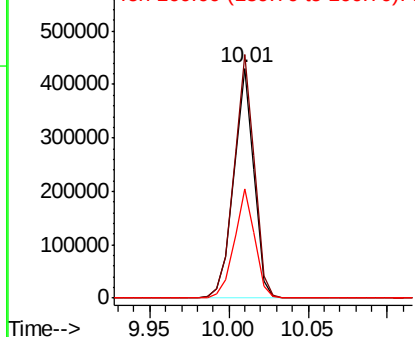


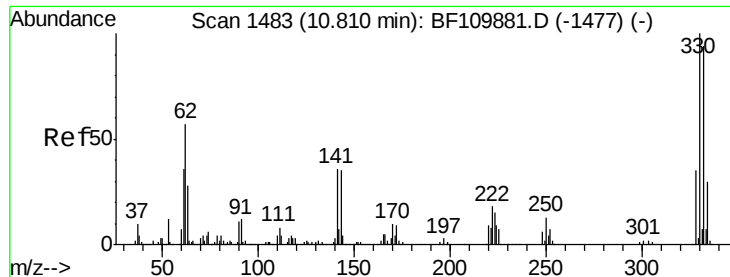
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110043.D
Acq: 22 Oct 2018 12:25

Tgt Ion:164 Resp: 379076
Ion Ratio Lower Upper
164 100
162 105.8 83.0 124.6
160 47.3 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

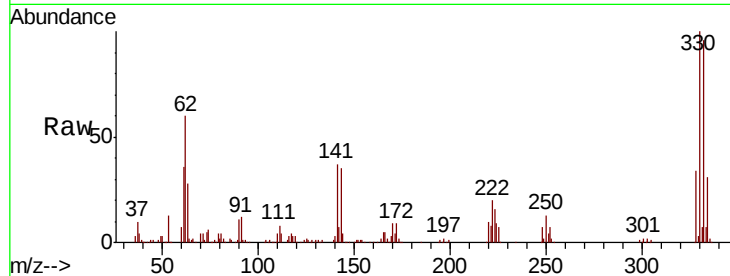




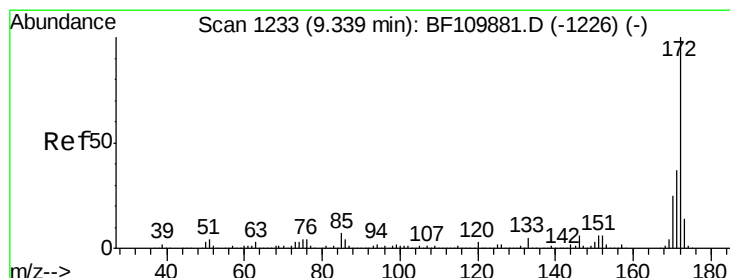
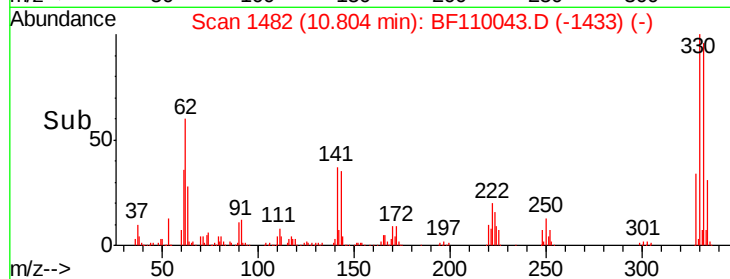
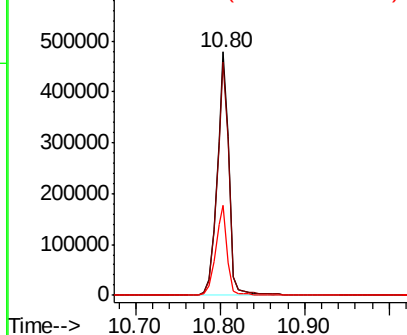
#42
 2,4,6-Tribromophenol
 Concen: 145.377 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110043.D
 Acq: 22 Oct 2018 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BL

Tot Ion:330 Resp: 477120
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 36.6 27.0 40.4

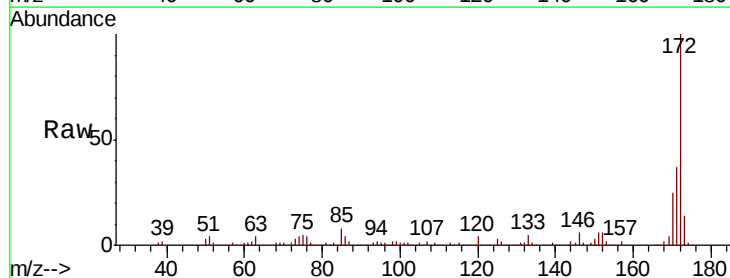


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

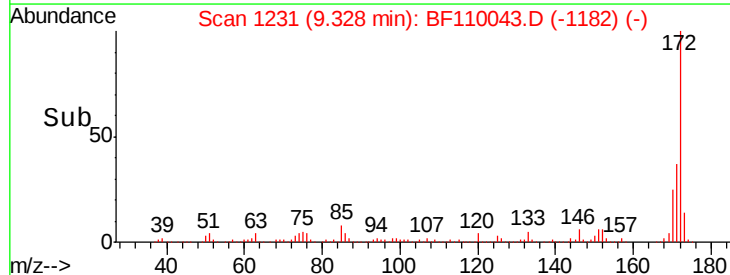
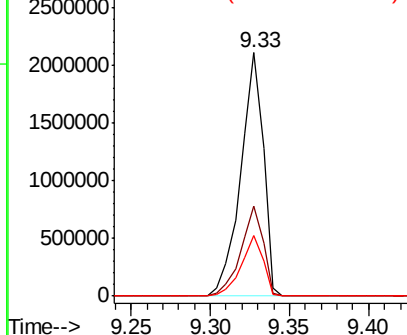


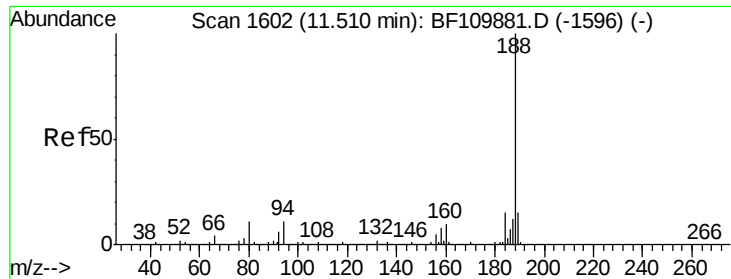
#45
 2-Fluorobiphenyl
 Concen: 87.876 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110043.D
 Acq: 22 Oct 2018 12:25

Tgt Ion:172 Resp: 2087655
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 24.7 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: BF110043.D

Acq: 22 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

PB114001BL

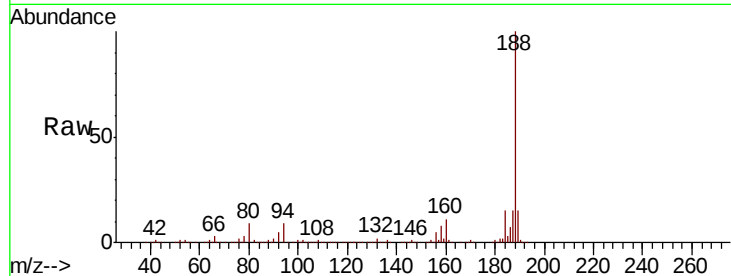
Tot Ion:188 Resp: 745479

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

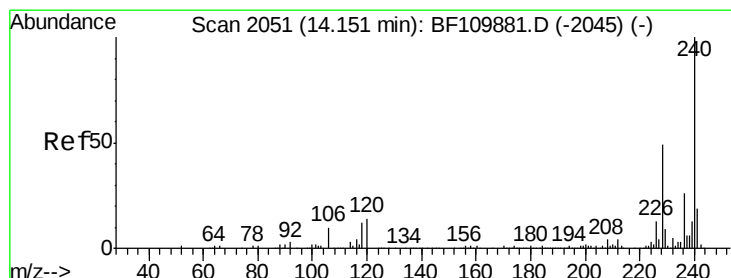
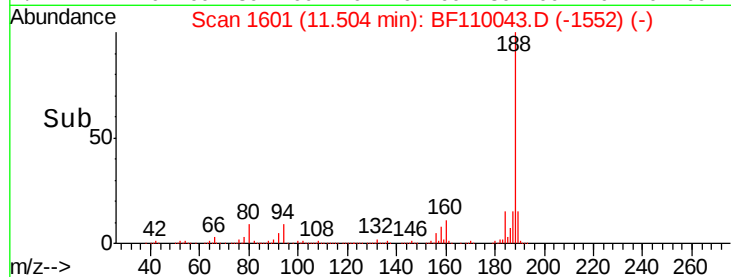
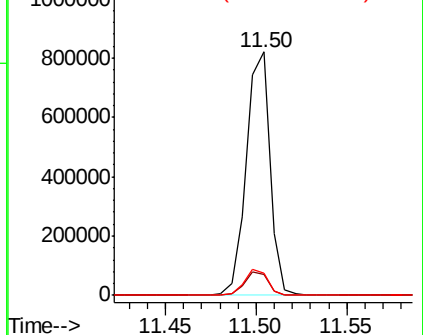
80 9.1 7.9 11.9



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: BF110043.D

Acq: 22 Oct 2018 12:25

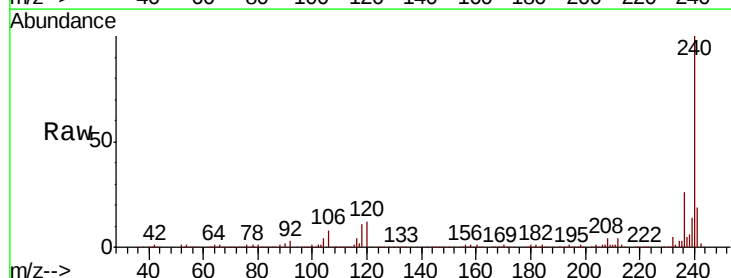
Tgt Ion:240 Resp: 698665

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

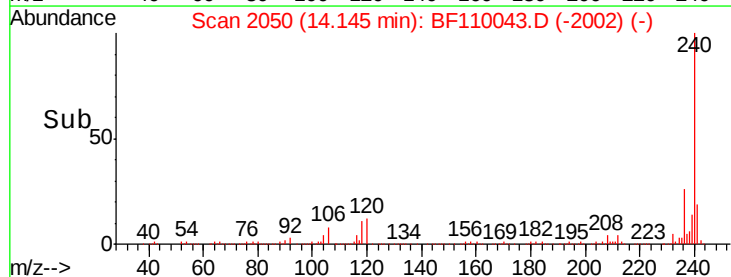
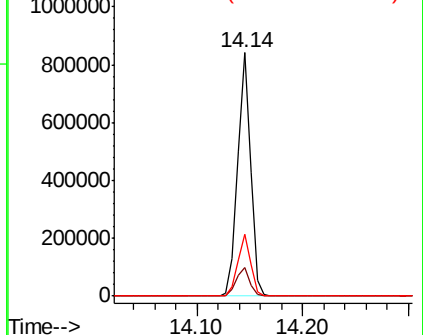
236 25.6 21.2 31.8

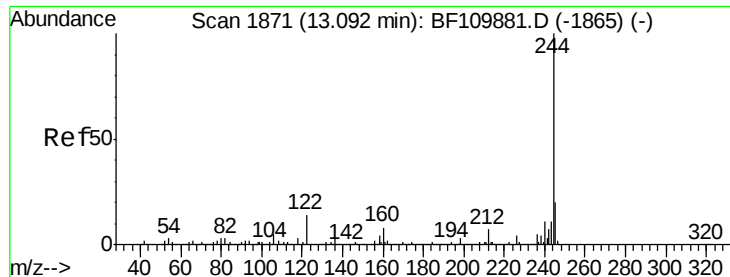


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.210 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110043.D

Acq: 22 Oct 2018 12:25

Instrument :

BNA_F

ClientSampleId :

PB114001BL

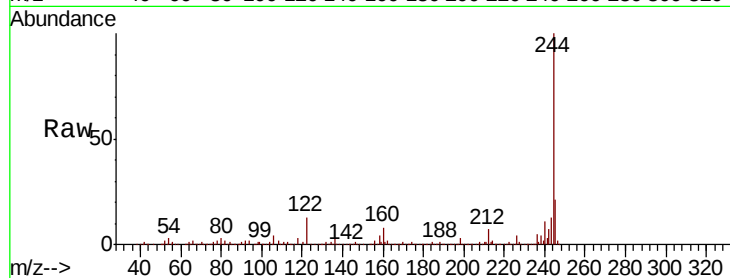
Tot Ion:244 Resp: 2369231

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

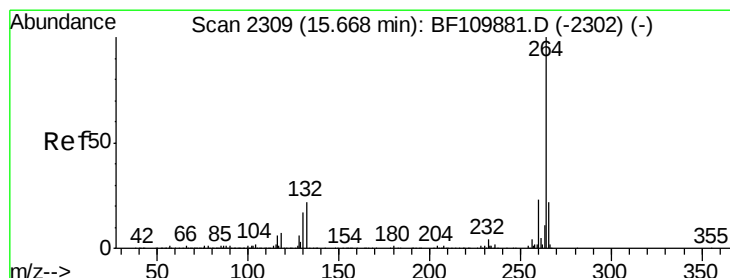
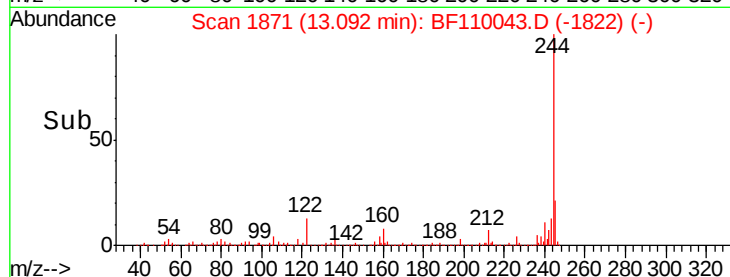
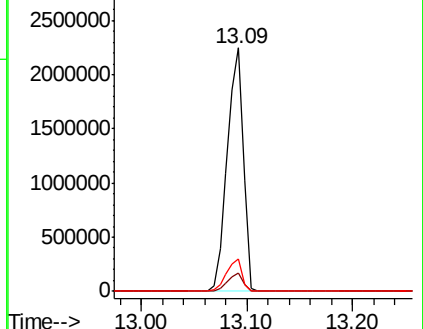
122 13.1 8.7 13.1#



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: BF110043.D

Acq: 22 Oct 2018 12:25

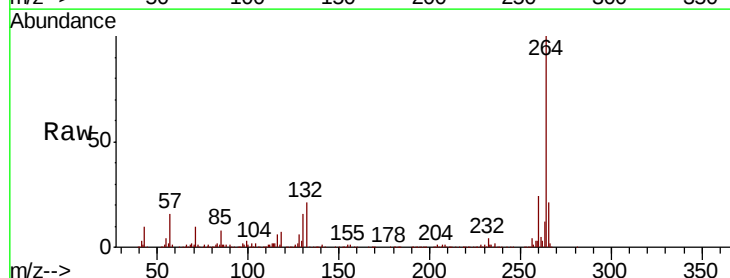
Tgt Ion:264 Resp: 594223

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.3 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

