

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110038.D
 Acq On : 20 Oct 2018 8:18
 Operator : JU/SJ
 Sample : PB113996BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BL

Quant Time: Oct 22 02:14:10 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	196446	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	776013	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	332559	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	525286	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	347499	20.00	ng	-0.02
87) Perylene-d12	15.67	264	288592	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	751691	60.65	ng	0.00
7) Phenol-d6	6.59	99	932598	60.60	ng	-0.02
23) Nitrobenzene-d5	7.53	82	836181	72.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	157200	54.60	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1468732	70.47	ng	-0.01
79) Terphenyl-d14	13.09	244	1045914	63.20	ng	-0.02

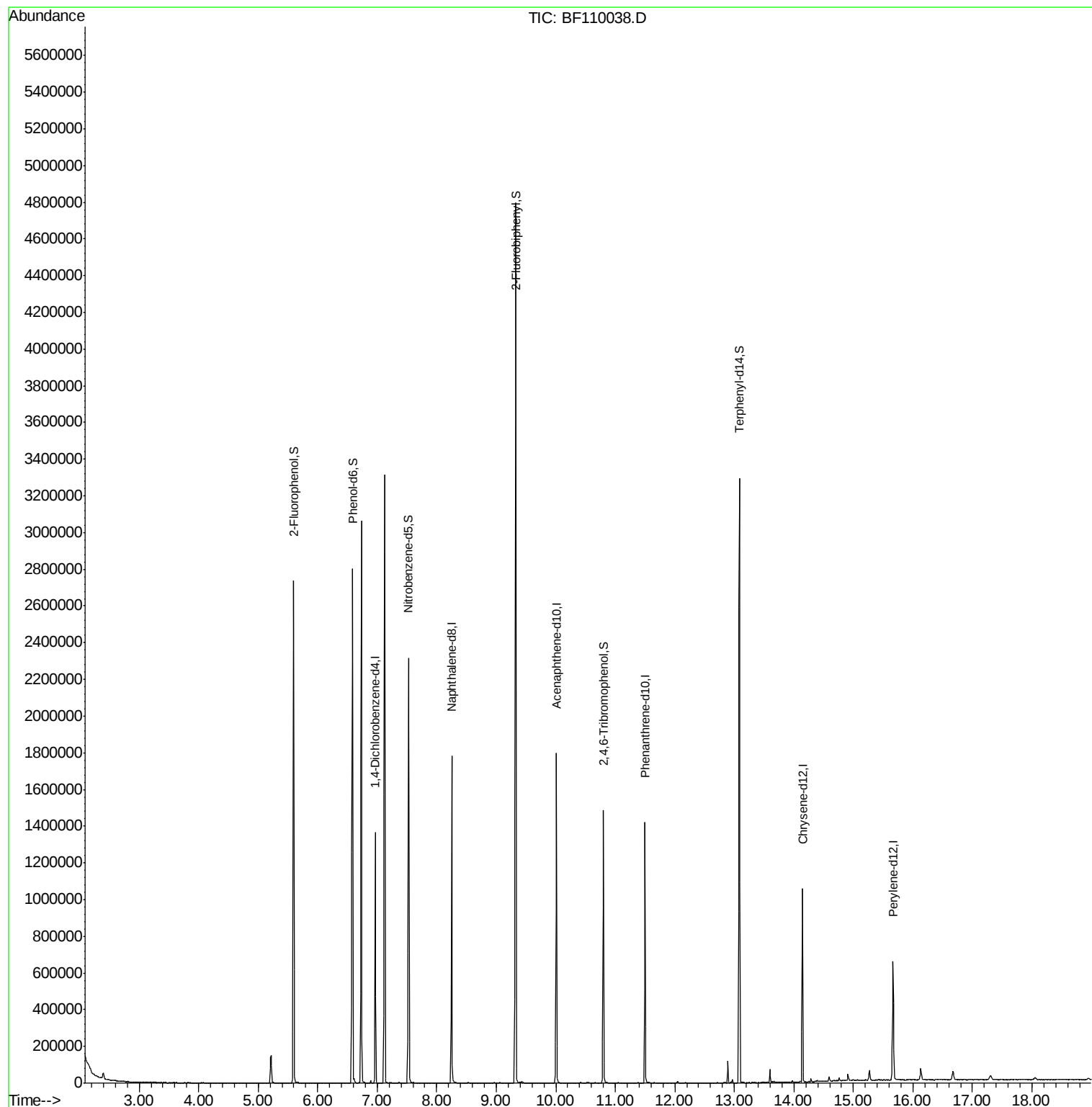
Target Compounds	Qvalue
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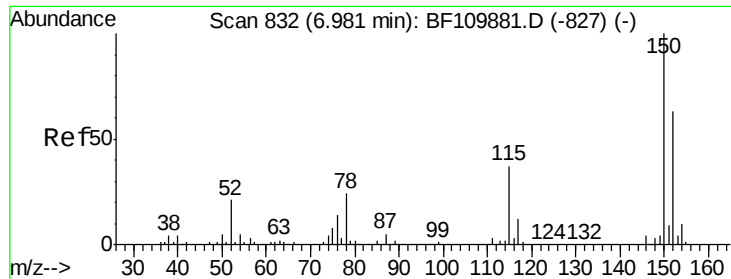
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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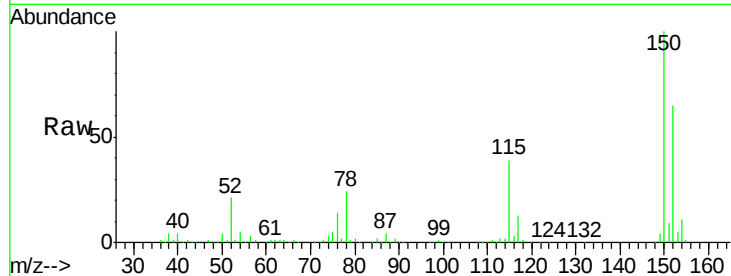


#1

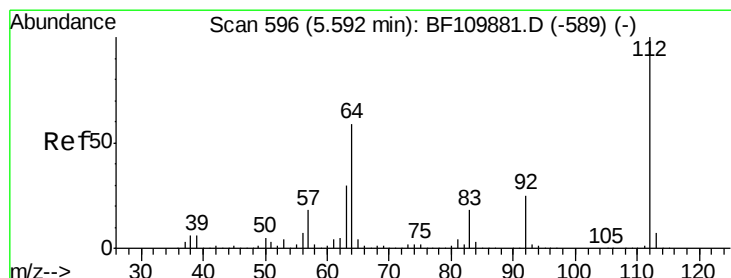
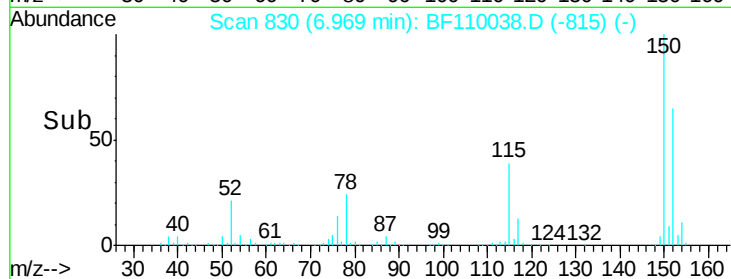
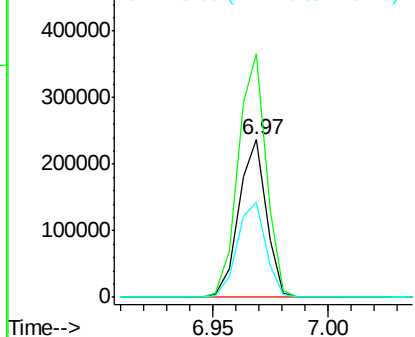
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110038.D
Acq: 20 Oct 2018 8:18

Instrument :
BNA_F
ClientSampleId :
PB113996BL

Tgt Ion:152 Resp: 196446
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 60.0 49.1 73.7



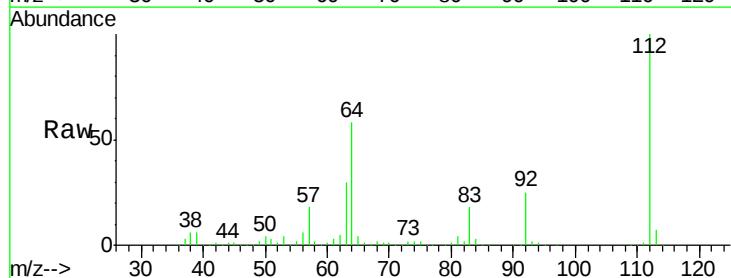
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



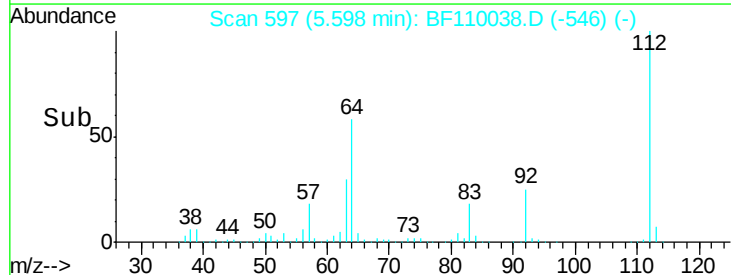
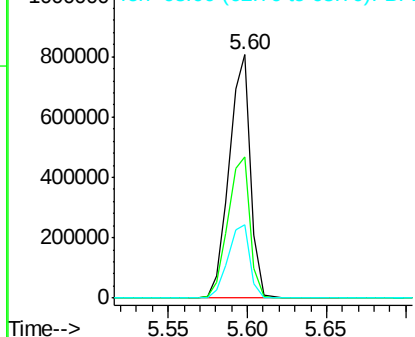
#5

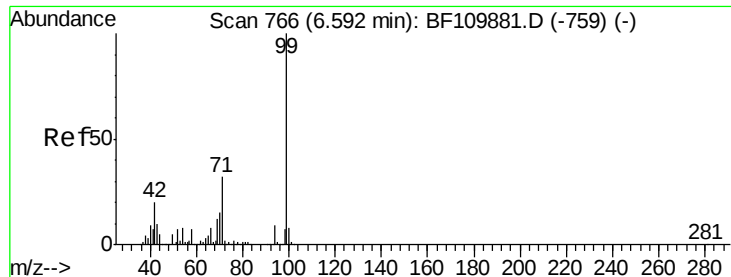
2-Fluorophenol
Concen: 60.654 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF110038.D
Acq: 20 Oct 2018 8:18

Tgt Ion:112 Resp: 751691
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 30.3 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: 60.602 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110038.D

Acq: 20 Oct 2018 8:18

Instrument :

BNA_F

ClientSampleId :

PB113996BL

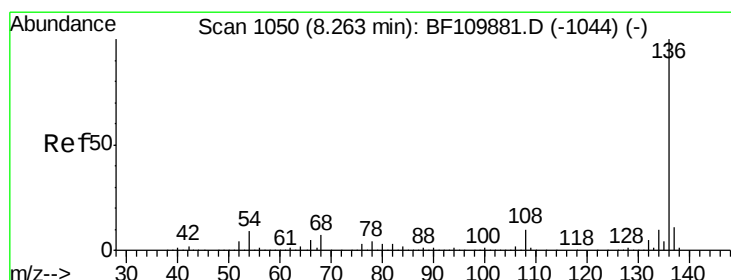
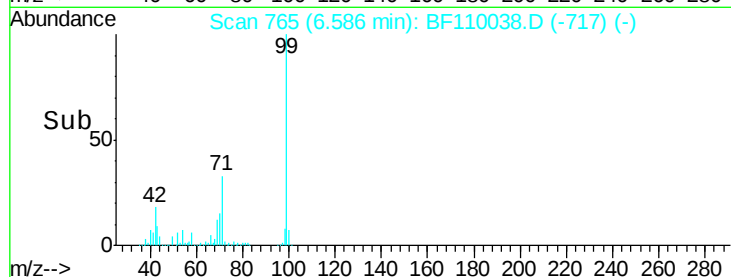
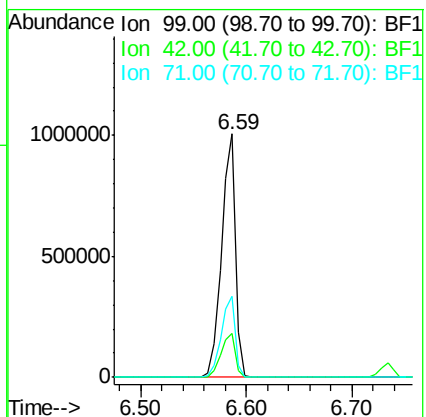
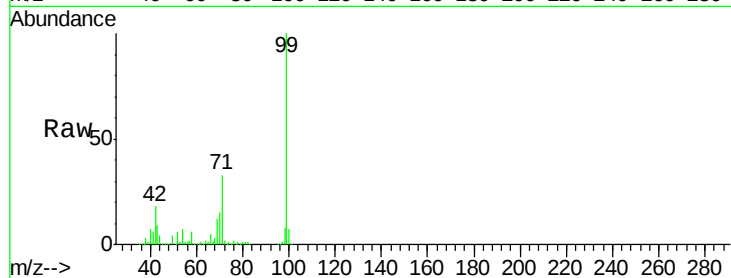
Tgt Ion: 99 Resp: 932598

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

71 33.3 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110038.D

Acq: 20 Oct 2018 8:18

Tgt Ion: 136 Resp: 776013

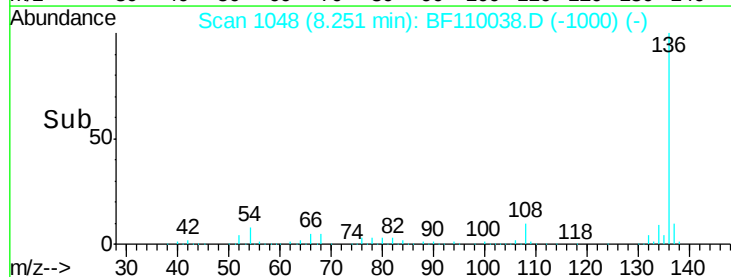
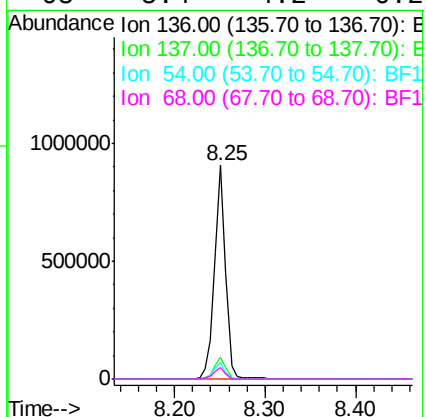
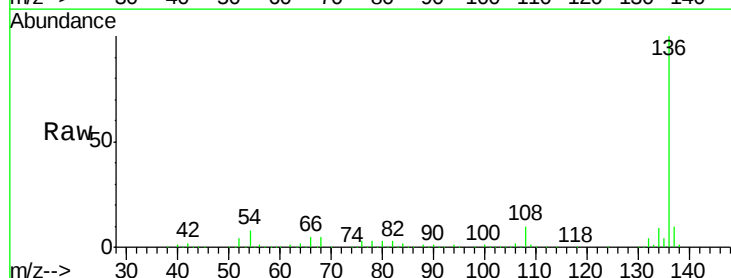
Ion Ratio Lower Upper

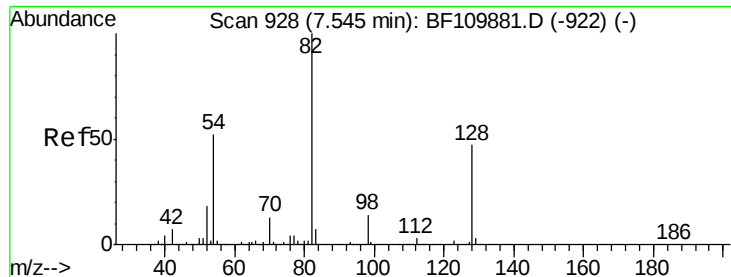
136 100

137 10.5 8.8 13.2

54 7.9 5.4 8.2

68 5.4 4.2 6.2

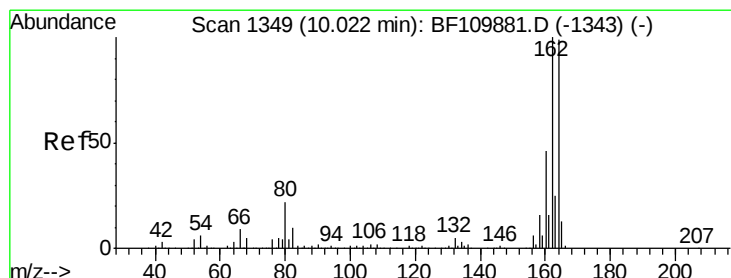
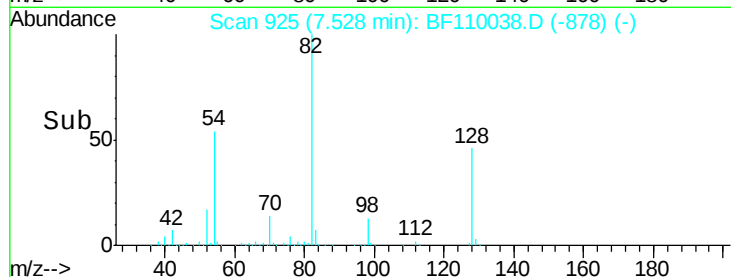
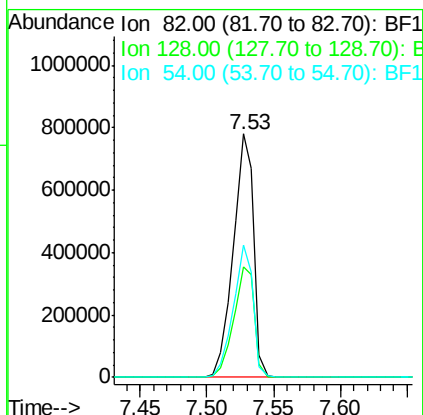
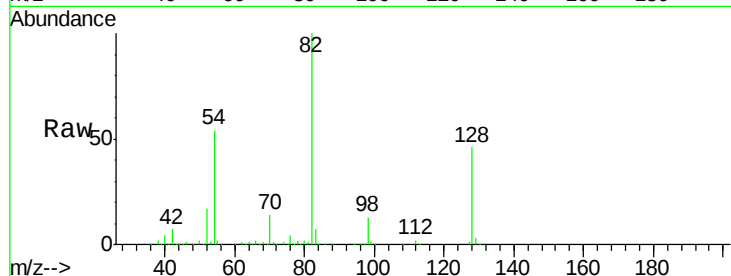




#23
 Nitrobenzene-d5
 Concen: 72.587 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110038.D
 Acq: 20 Oct 2018 8:18

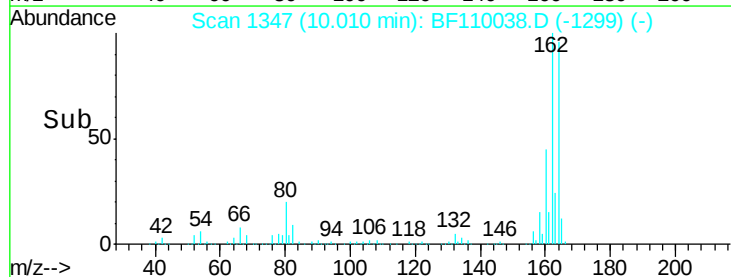
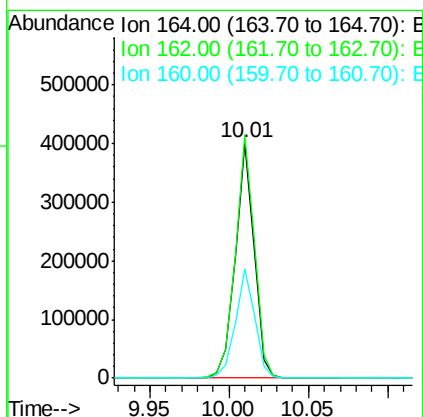
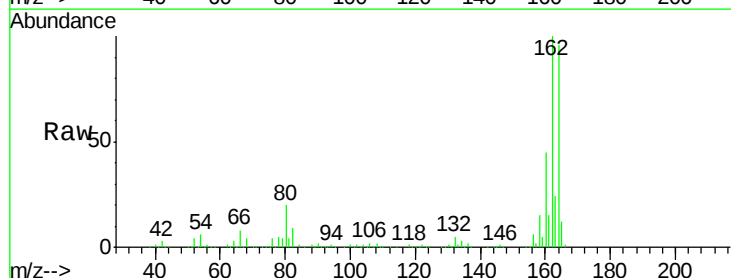
Instrument :
 BNA_F
 ClientSampleId :
 PB113996BL

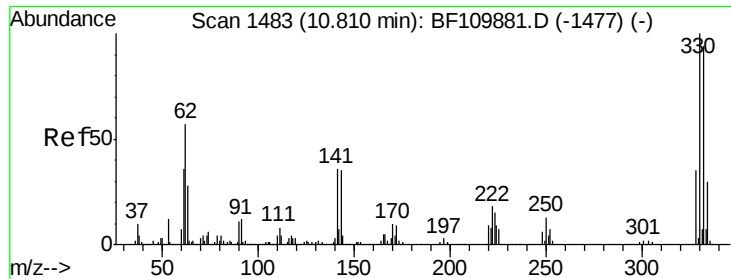
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	54.4	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110038.D
 Acq: 20 Oct 2018 8:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.8	37.0	55.6

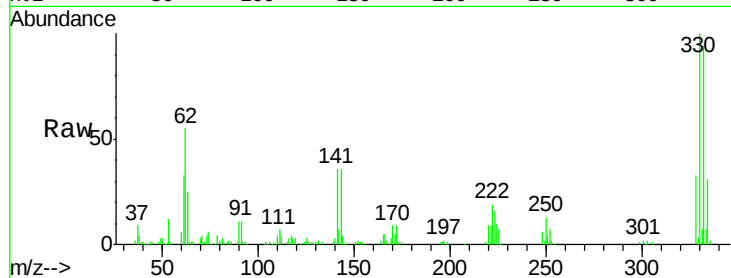




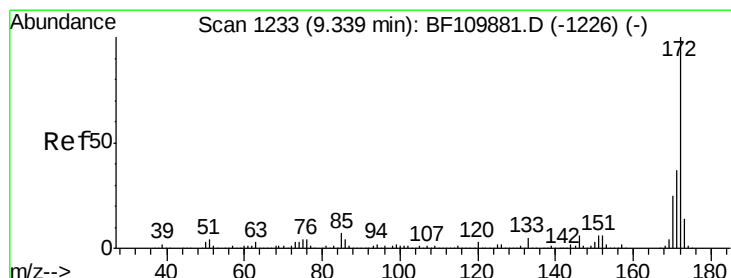
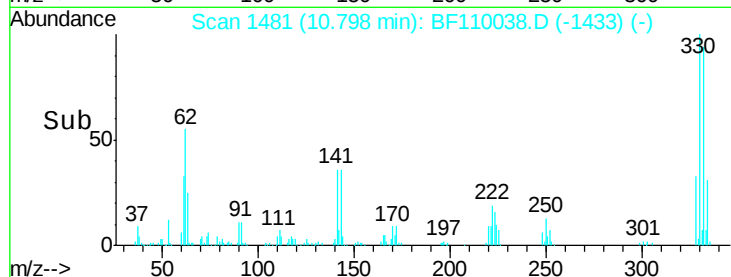
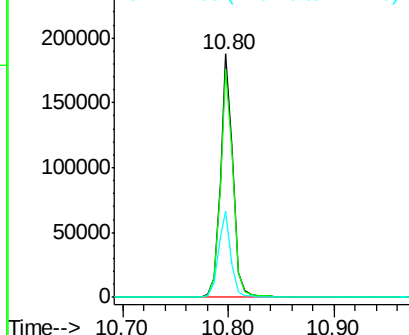
#42
 2,4,6-Tribromophenol
 Concen: 54.598 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110038.D
 Acq: 20 Oct 2018 8:18

Instrument :
 BNA_F
 ClientSampleId :
 PB113996BL

Tgt Ion:330 Resp: 157200
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 35.7 27.0 40.4

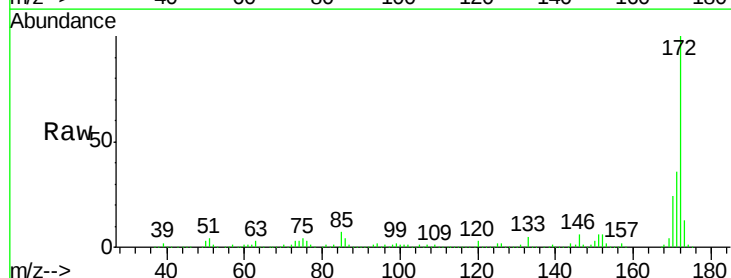


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

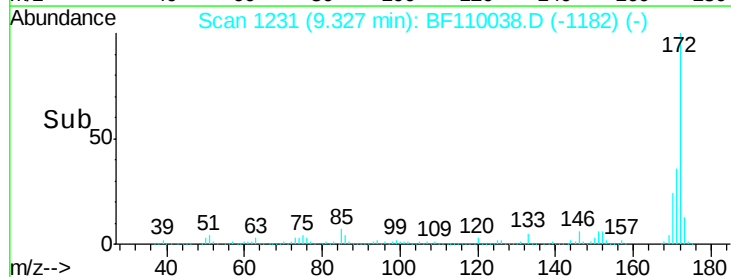
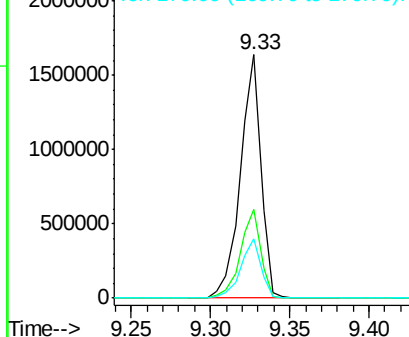


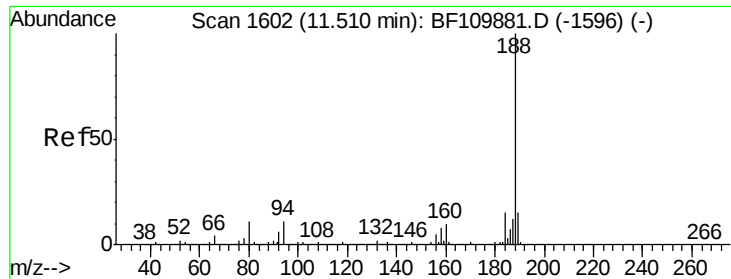
#45
 2-Fluorobiphenyl
 Concen: 70.471 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110038.D
 Acq: 20 Oct 2018 8:18

Tgt Ion:172 Resp: 1468732
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.2 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

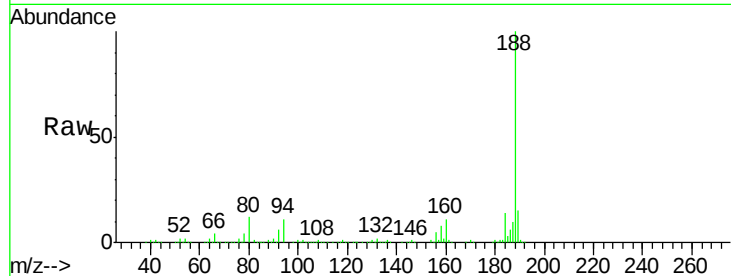




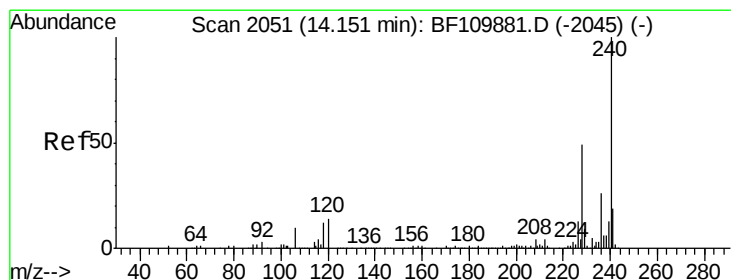
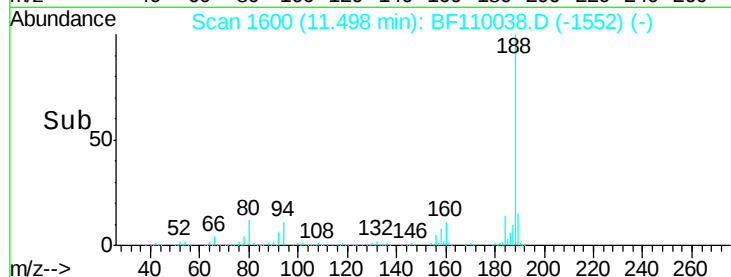
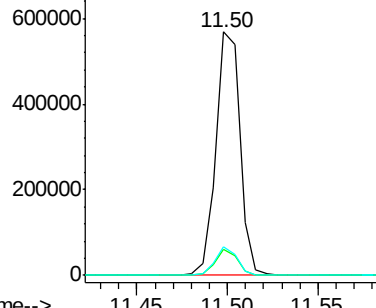
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110038.D
Acq: 20 Oct 2018 8:18

Instrument :
BNA_F
ClientSampleId :
PB113996BL

Tgt Ion:188 Resp: 525286
Ion Ratio Lower Upper
188 100
94 10.6 7.2 10.8
80 11.8 7.9 11.9

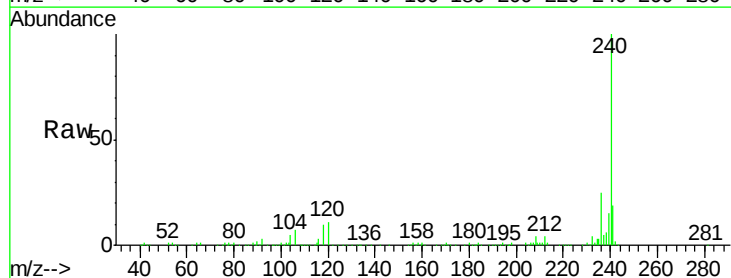


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

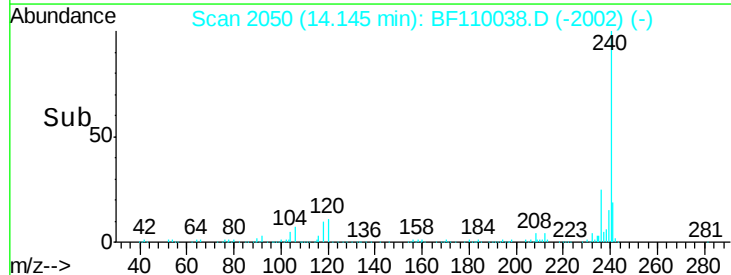
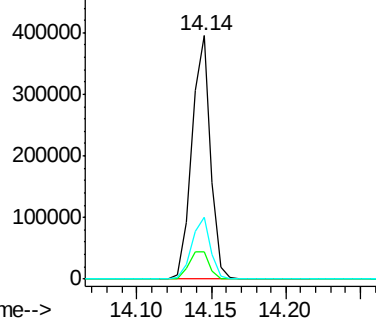


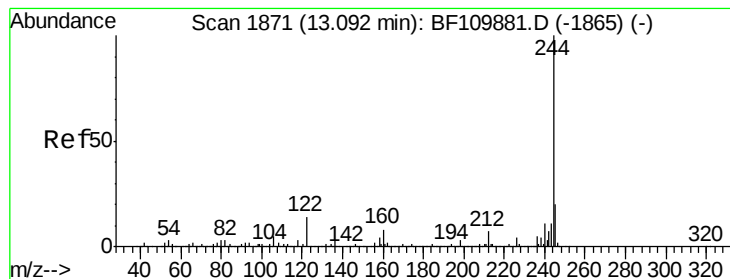
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110038.D
Acq: 20 Oct 2018 8:18

Tgt Ion:240 Resp: 347499
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.3 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: 63.204 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110038.D

Acq: 20 Oct 2018 8:18

Instrument :

BNA_F

ClientSampleId :

PB113996BL

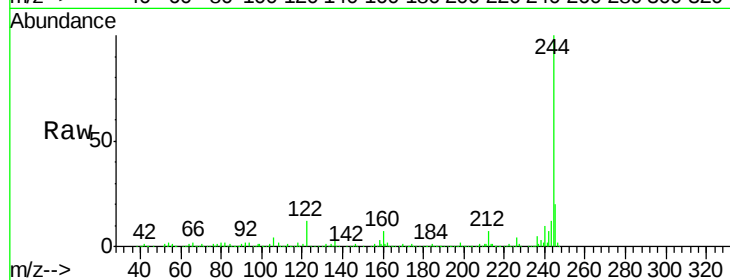
Tgt Ion:244 Resp: 1045914

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

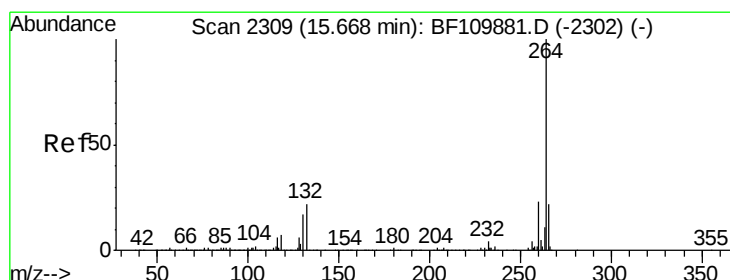
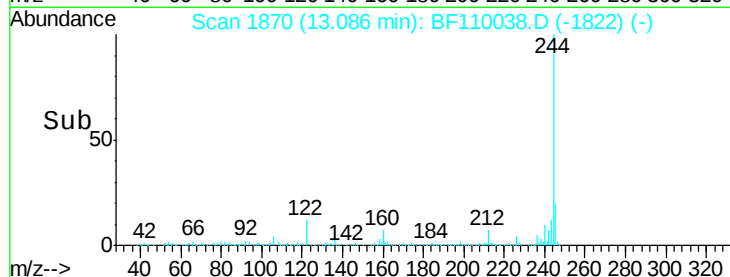
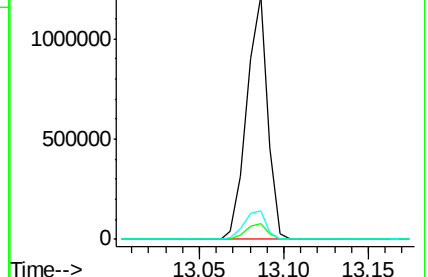
122 11.7 8.7 13.1



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: BF110038.D

Acq: 20 Oct 2018 8:18

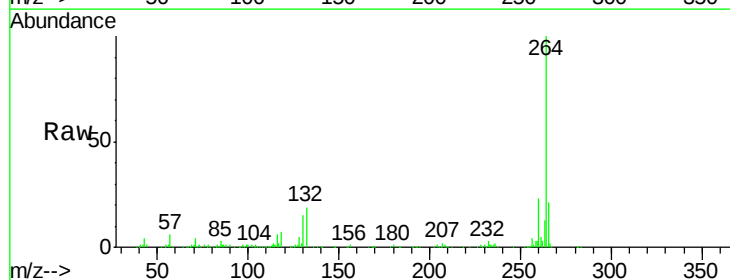
Tgt Ion:264 Resp: 288592

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.1 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

