

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110312.D
 Acq On : 30 Oct 2018 19:24
 Operator : JU/SJ
 Sample : PB114313BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BL

Quant Time: Oct 31 05:20:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97270	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	388953	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	178214	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	298162	20.00	ng	0.00
76) Chrysene-d12	14.16	240	184274	20.00	ng	0.00
87) Perylene-d12	15.69	264	152120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	472957	79.18	ng	0.01
7) Phenol-d6	6.59	99	601172	78.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	557992	85.09	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	126074	71.42	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1042473	91.85	ng	0.00
79) Terphenyl-d14	13.09	244	793809	89.59	ng	0.00

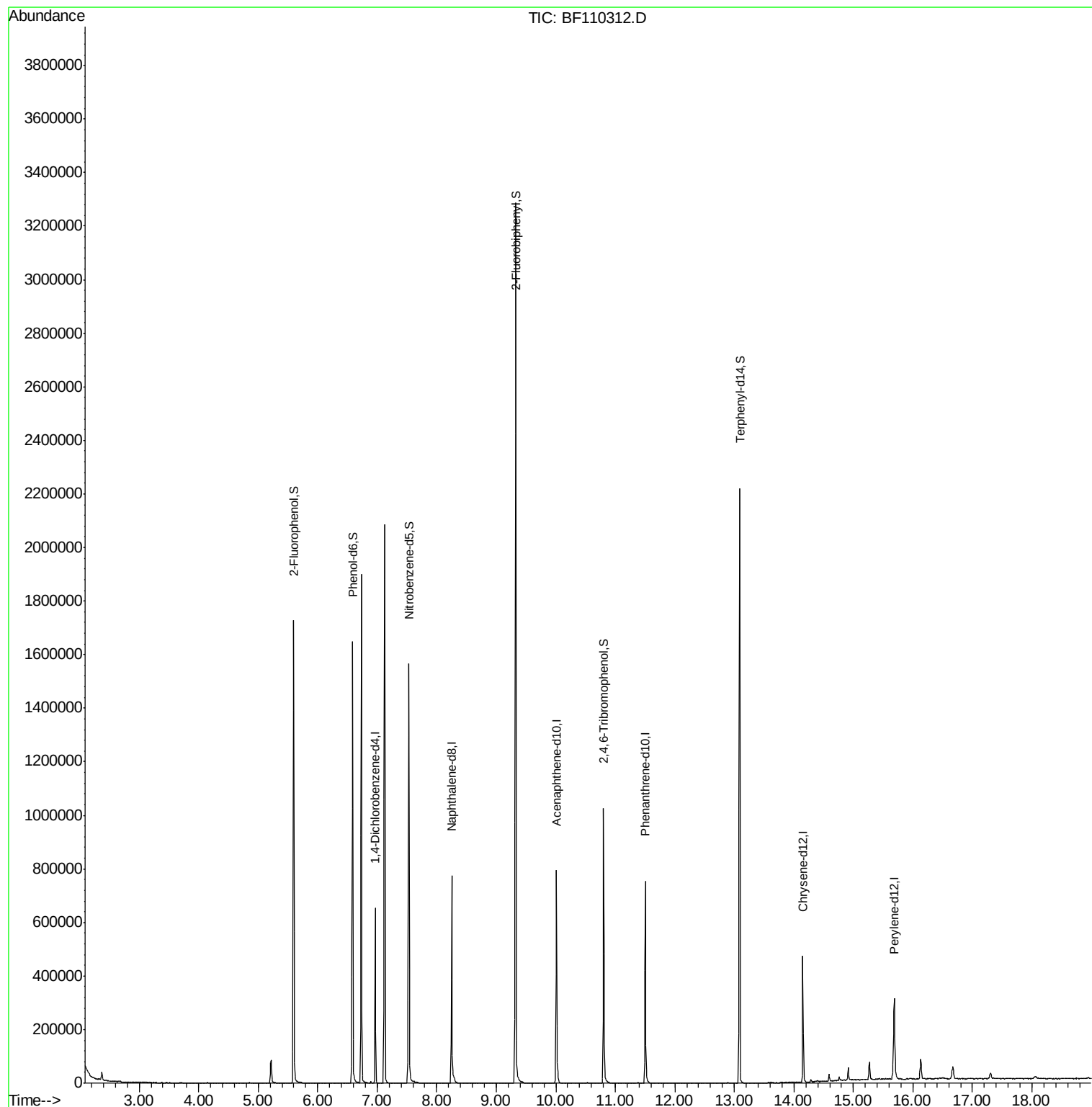
Target Compounds Qvalue

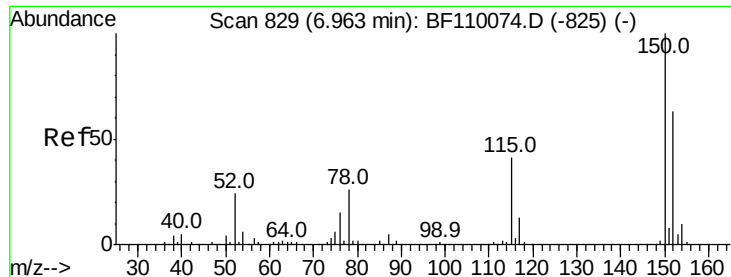
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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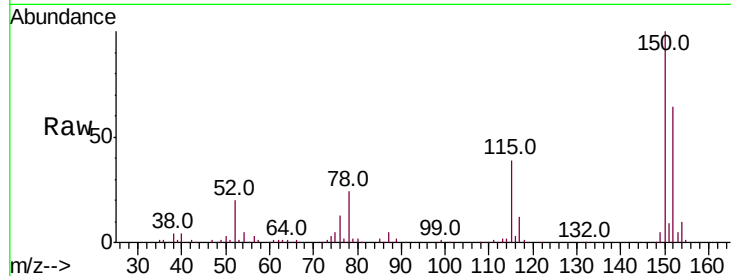


#1

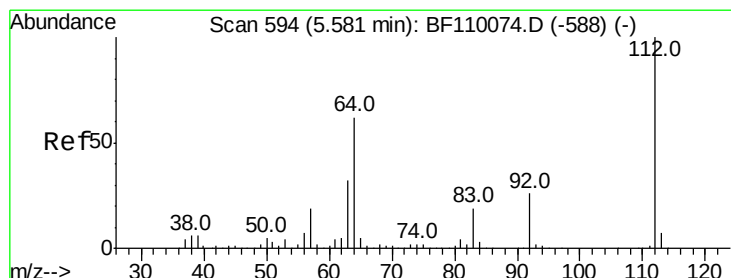
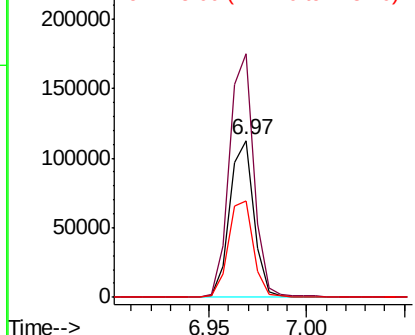
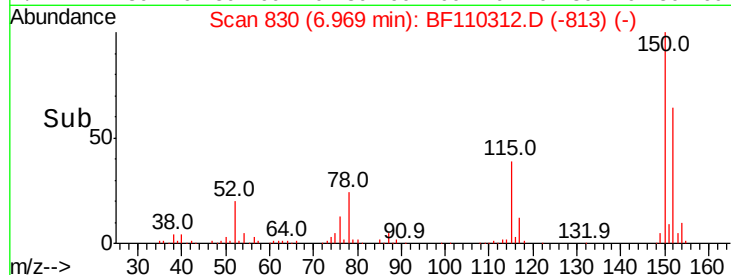
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB114313BL

Tot Ion:152 Resp: 97270
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 61.3 49.1 73.7



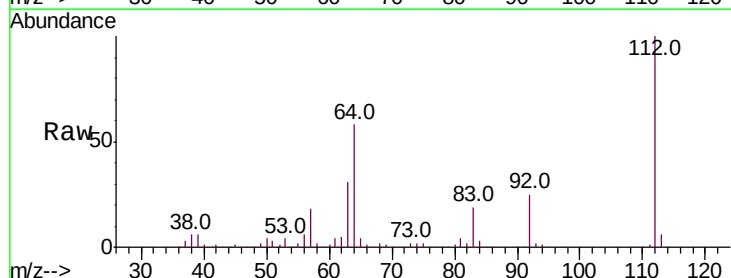
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



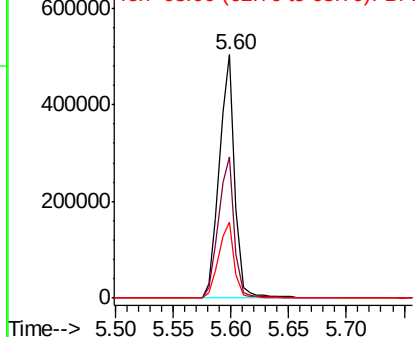
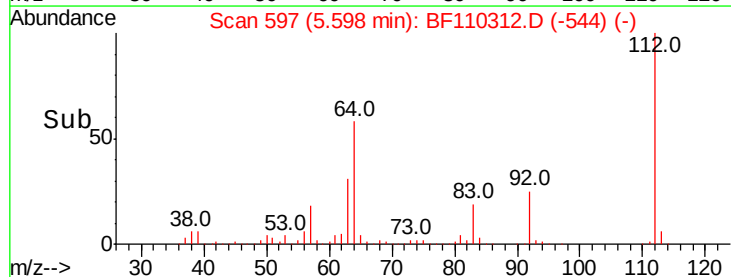
#5

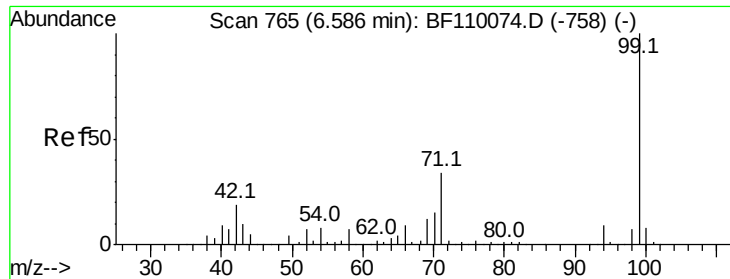
2-Fluorophenol
Concen: 79.180 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion:112 Resp: 472957
Ion Ratio Lower Upper
112 100
64 58.2 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: 78.686 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB114313BL

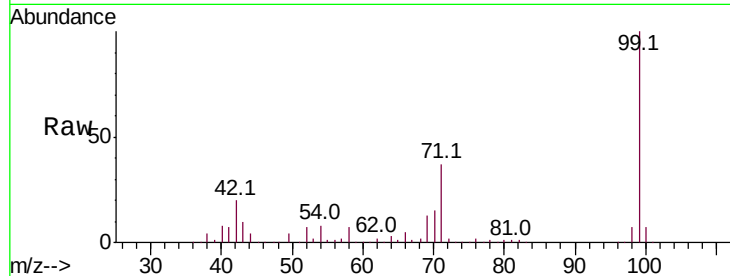
Tot Ion: 99 Resp: 601172

Ion Ratio Lower Upper

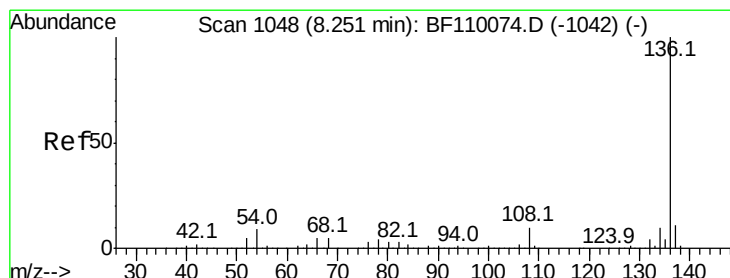
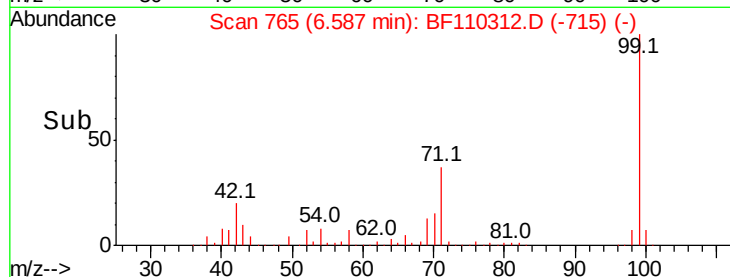
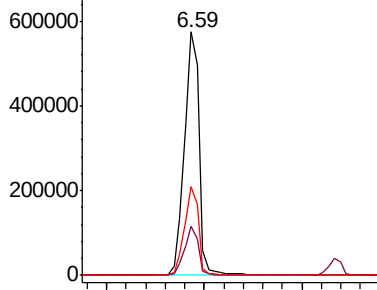
99 100

42 20.1 15.8 23.6

71 36.6 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. 0.00 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Tgt Ion: 136 Resp: 388953

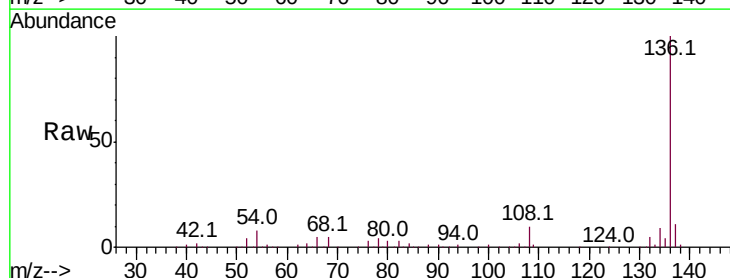
Ion Ratio Lower Upper

136 100

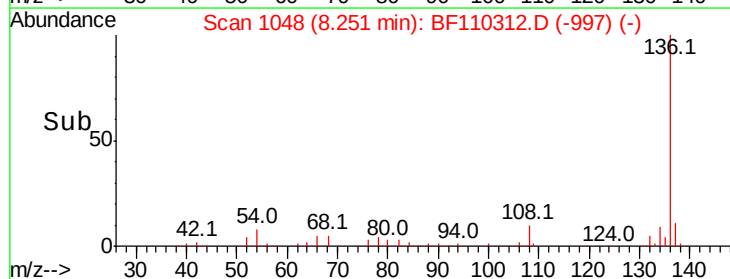
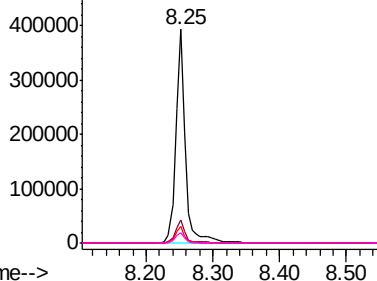
137 10.5 8.8 13.2

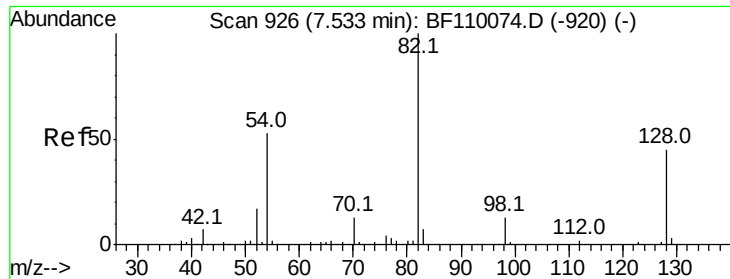
54 7.6 5.4 8.2

68 4.8 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

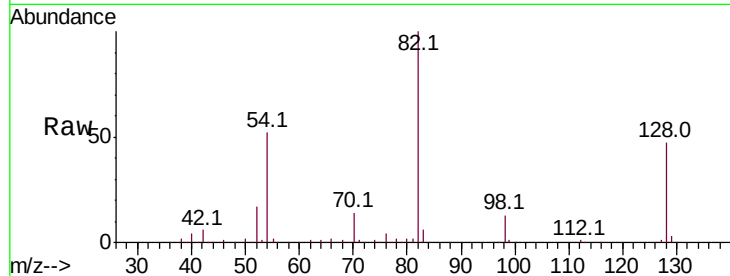




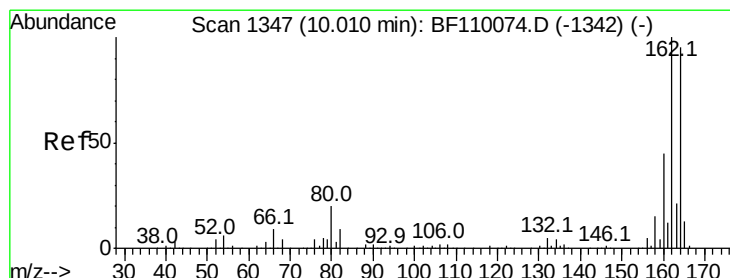
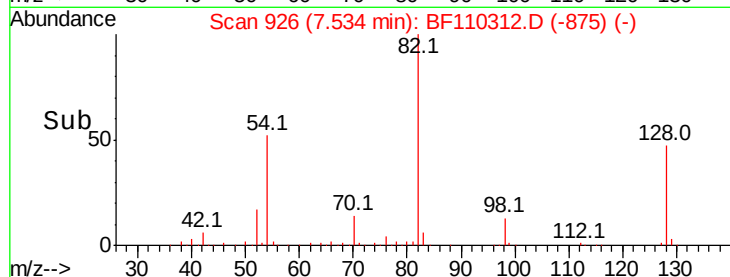
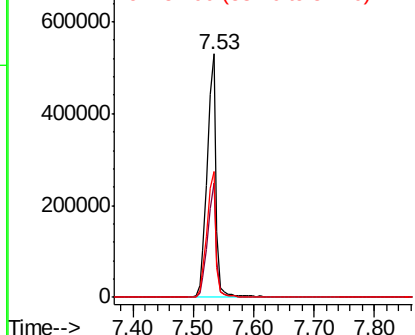
#23
Nitrobenzene-d5
Concen: 85.091 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Instrument :
BNA_F
ClientSampleId :
PB114313BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	51.8	38.6	58.0

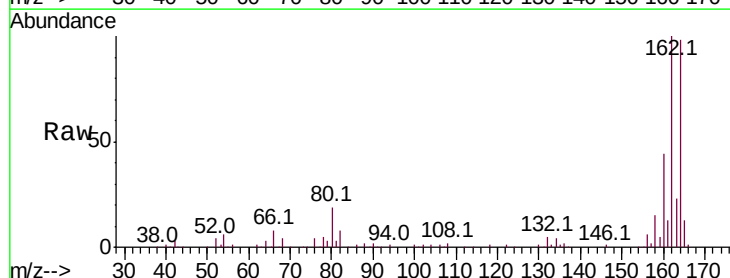


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

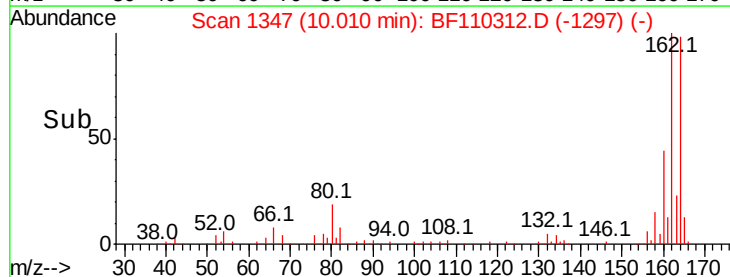
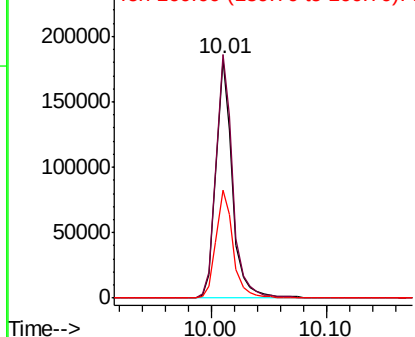


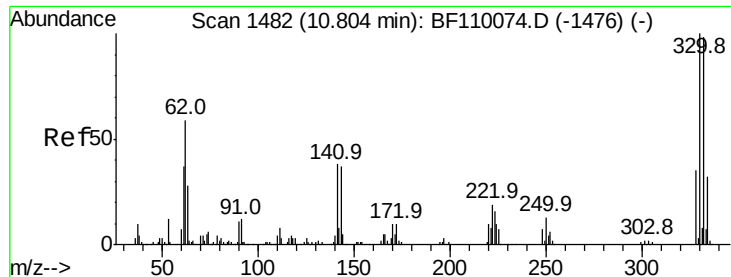
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110312.D
Acq: 30 Oct 2018 19:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.0	124.6
160	45.1	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

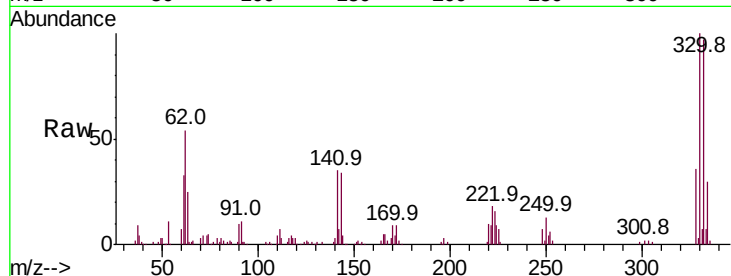




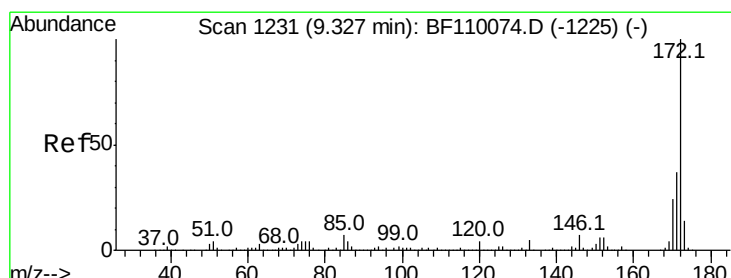
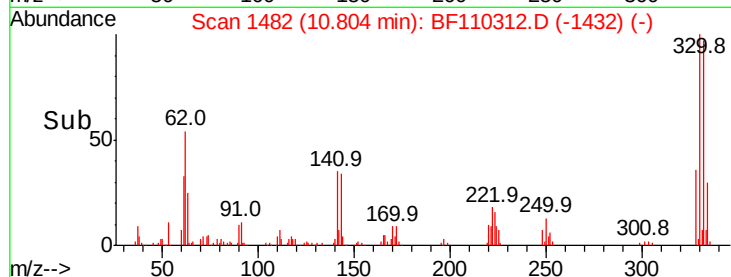
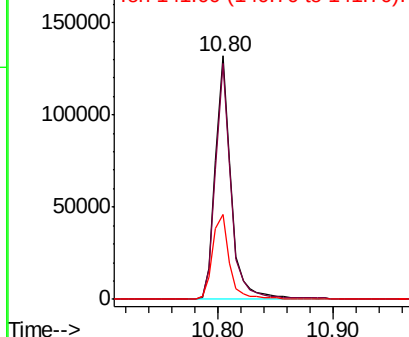
#42
 2,4,6-Tribromophenol
 Concen: 71.417 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BL

Tot Ion:330 Resp: 126074
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 37.3 27.0 40.4

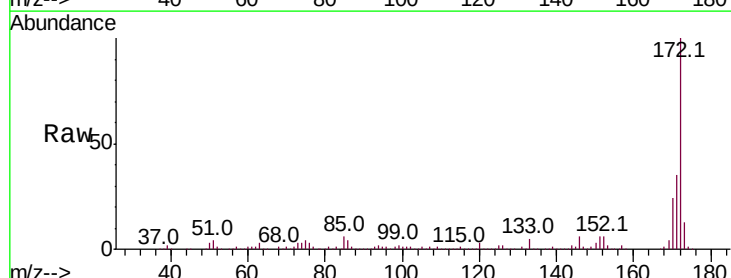


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

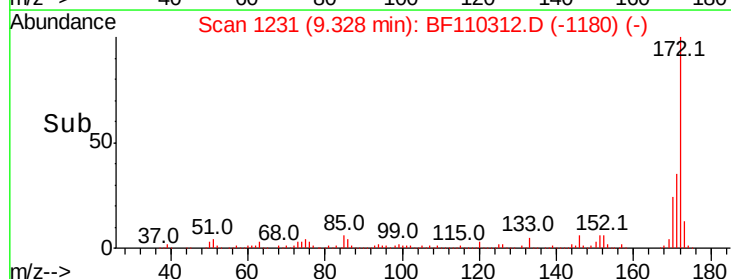
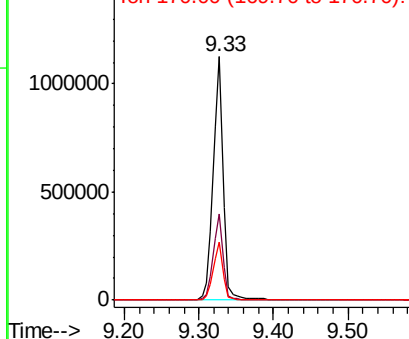


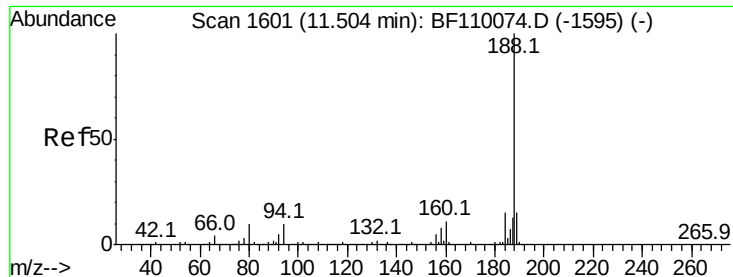
#45
 2-Fluorobiphenyl
 Concen: 91.853 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110312.D
 Acq: 30 Oct 2018 19:24

Tgt Ion:172 Resp: 1042473
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.8 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: BF110312.D

Acq: 30 Oct 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB114313BL

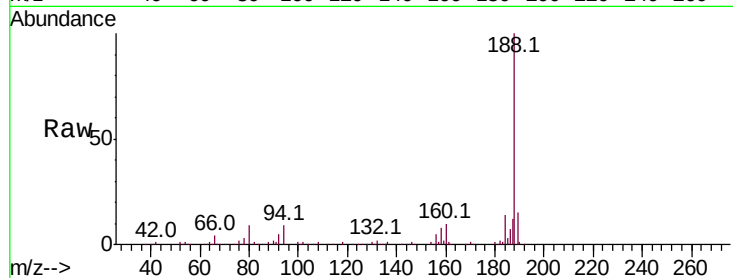
Tot Ion:188 Resp: 298162

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

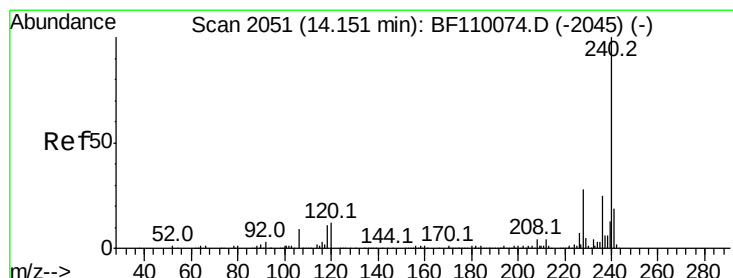
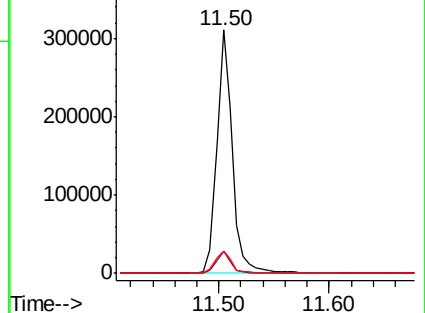
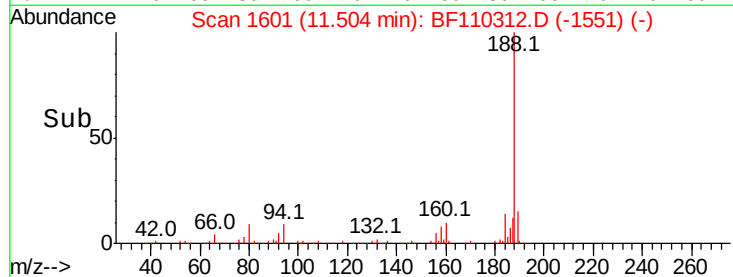
80 9.2 7.9 11.9



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: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

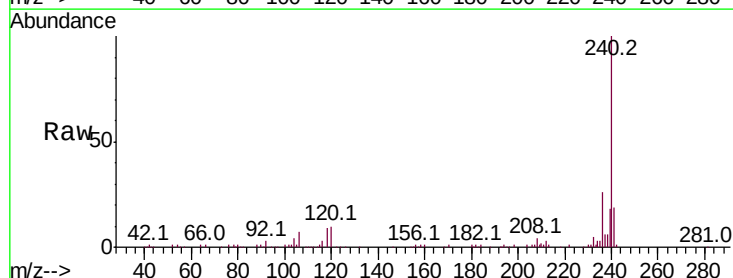
Tgt Ion:240 Resp: 184274

Ion Ratio Lower Upper

240 100

120 9.8 8.3 12.5

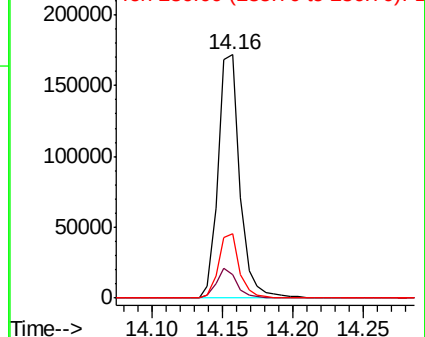
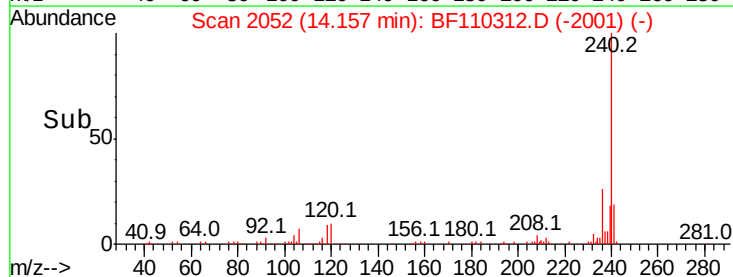
236 26.5 21.2 31.8

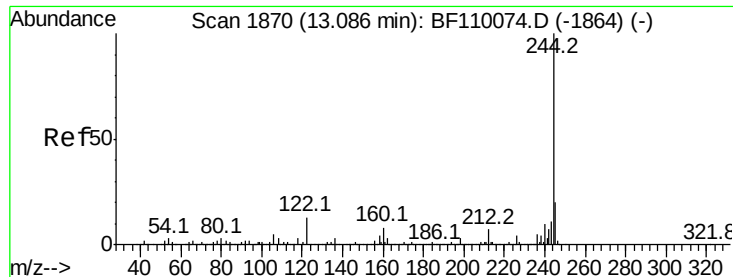


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.589 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Instrument :

BNA_F

ClientSampleId :

PB114313BL

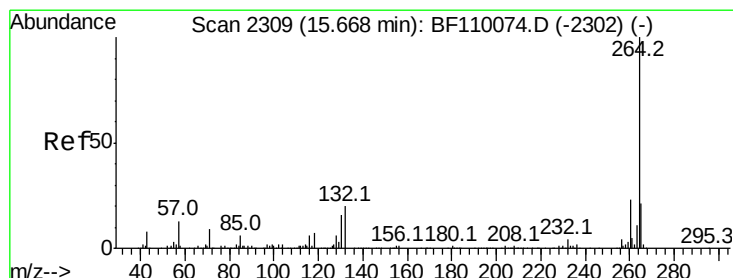
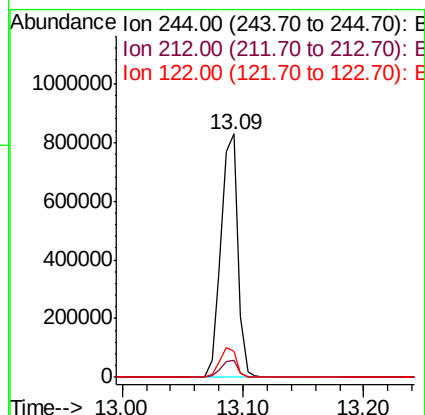
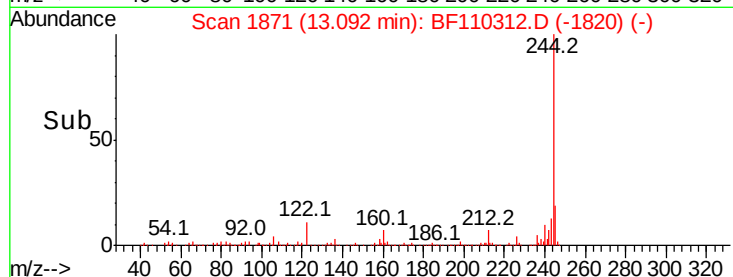
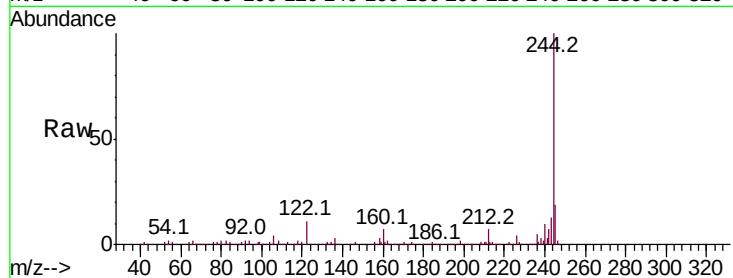
Tot Ion:244 Resp: 793809

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.5 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110312.D

Acq: 30 Oct 2018 19:24

Tgt Ion:264 Resp: 152120

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.0 16.7 25.1

