

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110024.D
 Acq On : 20 Oct 2018 1:59
 Operator : JU/SJ
 Sample : J5593-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-U-B

Quant Time: Oct 20 05:34:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193126	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	766053	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	335095	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	536956	20.00	ng	0.00
76) Chrysene-d12	14.14	240	367111	20.00	ng	0.00
87) Perylene-d12	15.67	264	327686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	460508	37.80	ng	0.00
7) Phenol-d6	6.58	99	353214	23.35	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1095317	96.32	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	223612	77.08	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1868257	88.96	ng	0.00
79) Terphenyl-d14	13.09	244	1310088	74.94	ng	0.00

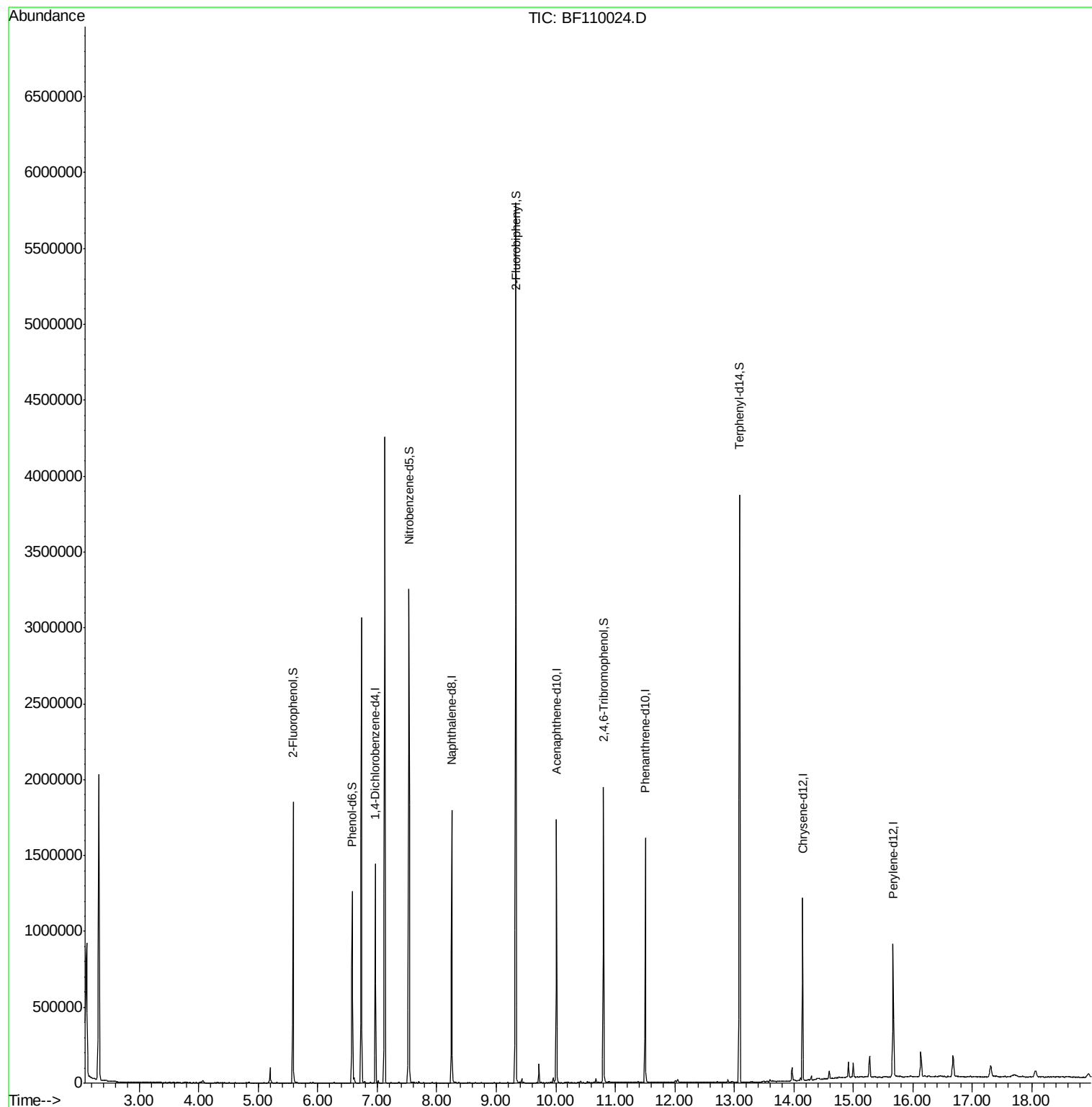
Target Compounds	Qvalue
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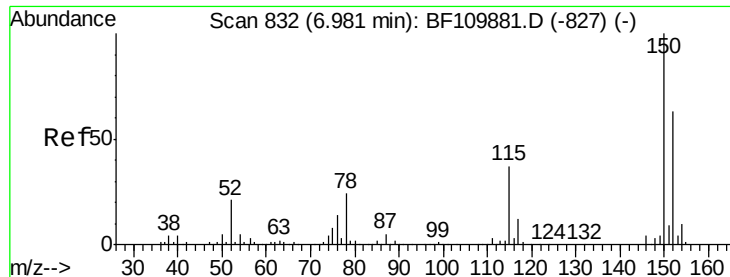
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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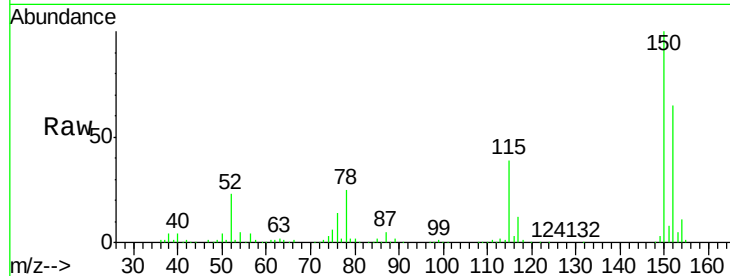


#1

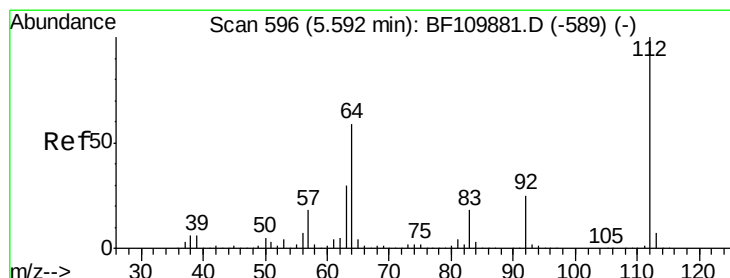
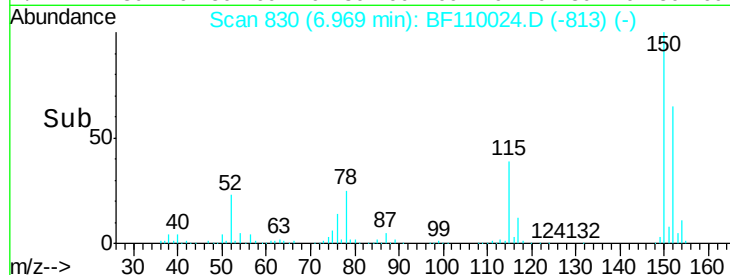
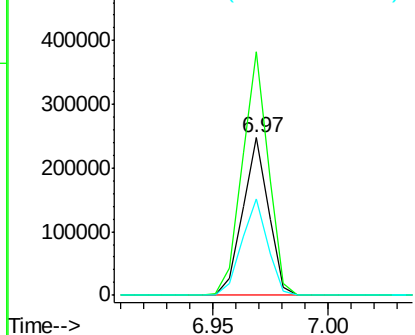
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Instrument :
BNA_F
ClientSampleId :
101718-DBRI-E-U-B

Tgt Ion:152 Resp: 193126
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 61.0 49.1 73.7



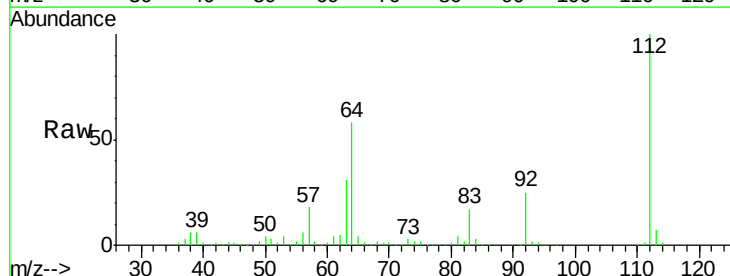
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



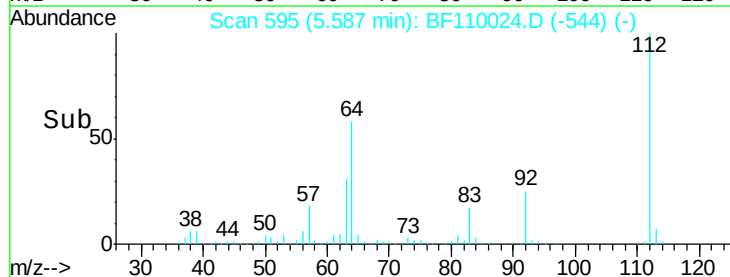
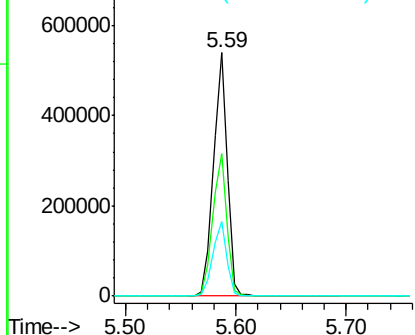
#5

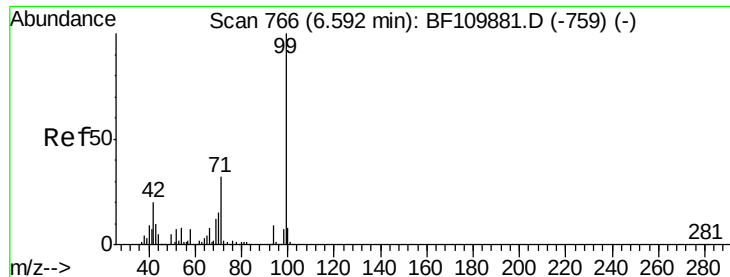
2-Fluorophenol
Concen: 37.797 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110024.D
Acq: 20 Oct 2018 1:59

Tgt Ion:112 Resp: 460508
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.8 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: 23.347 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-B

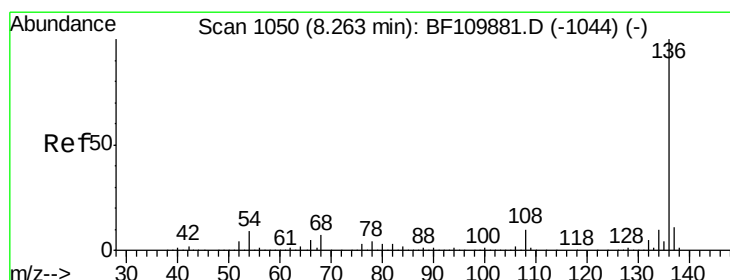
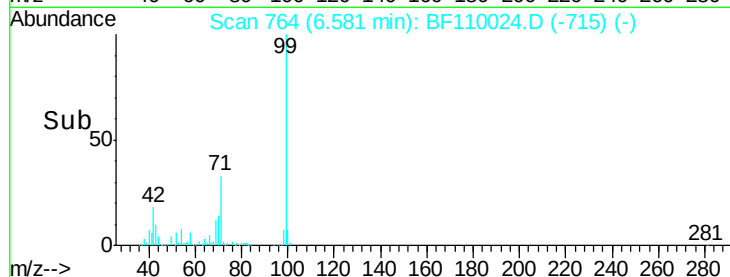
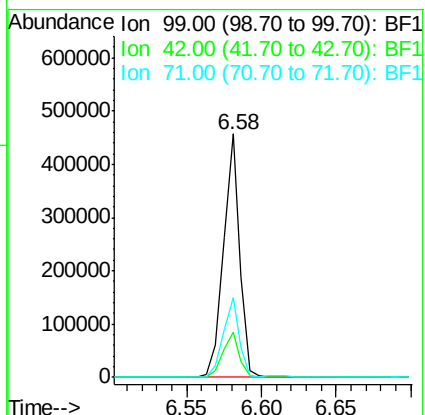
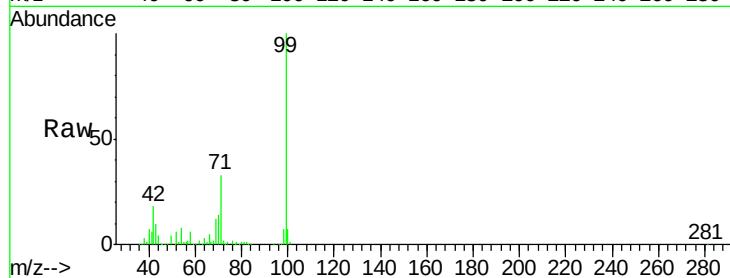
Tgt Ion: 99 Resp: 353214

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

71 32.9 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

Tgt Ion: 136 Resp: 766053

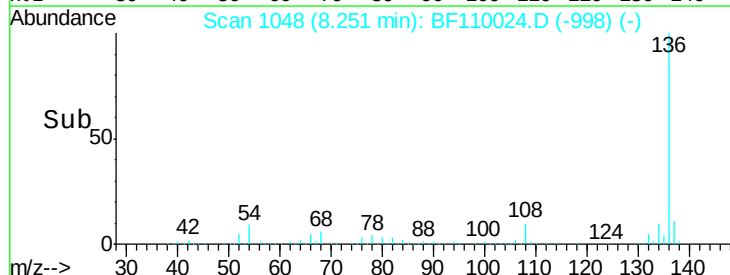
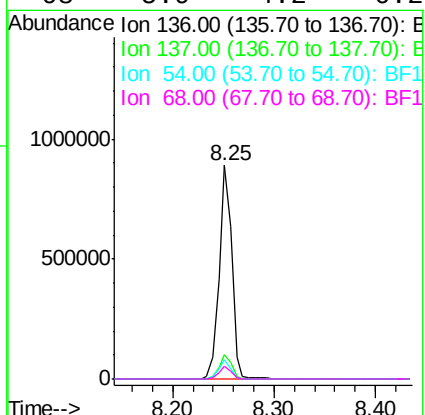
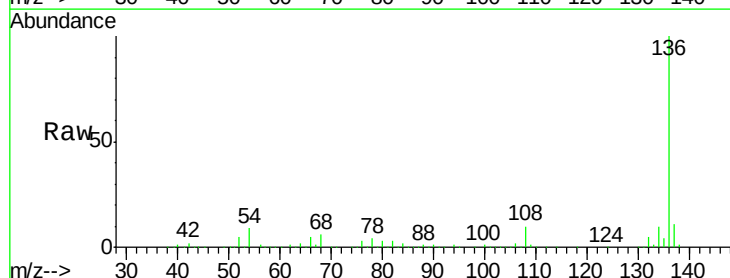
Ion Ratio Lower Upper

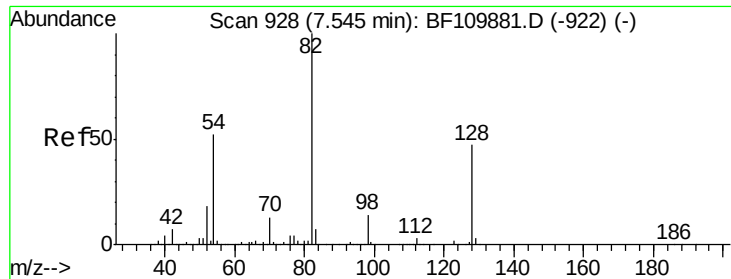
136 100

137 11.1 8.8 13.2

54 8.9 5.4 8.2#

68 5.9 4.2 6.2

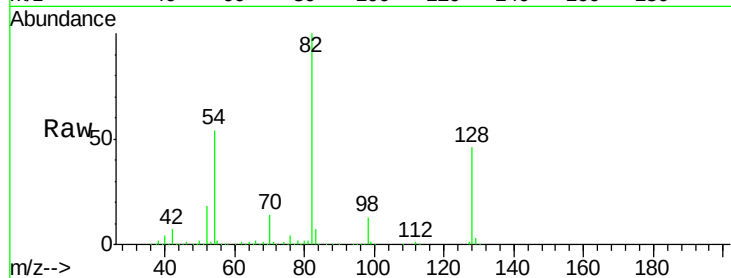




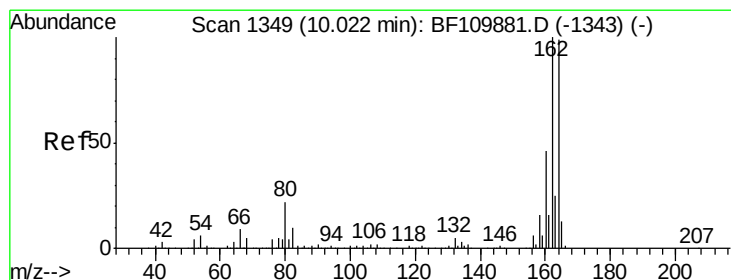
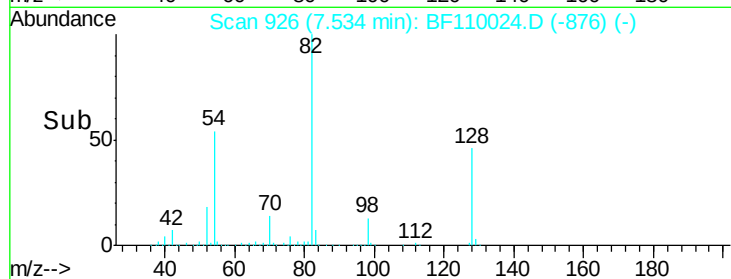
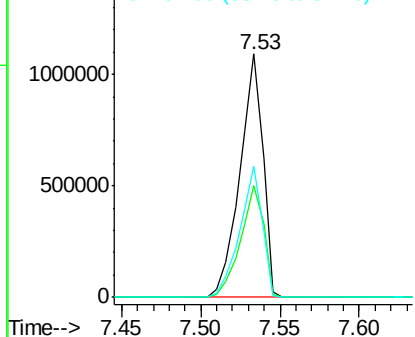
#23
 Nitrobenzene-d5
 Concen: 96.318 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF110024.D
 Acq: 20 Oct 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-U-B

Tgt Ion: 82 Resp: 1095317
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.2 51.2
 54 53.7 38.6 58.0

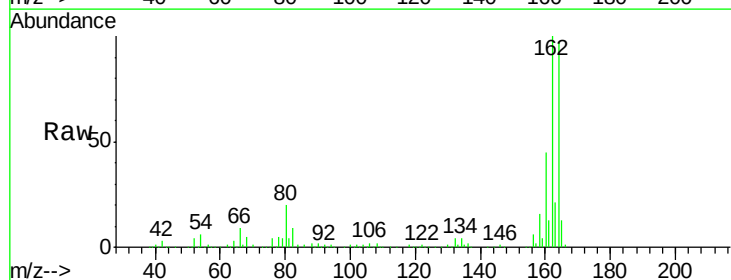


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

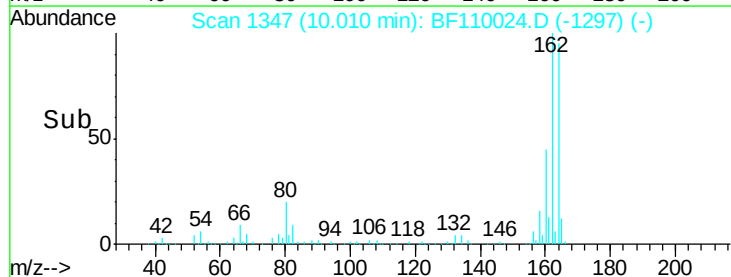
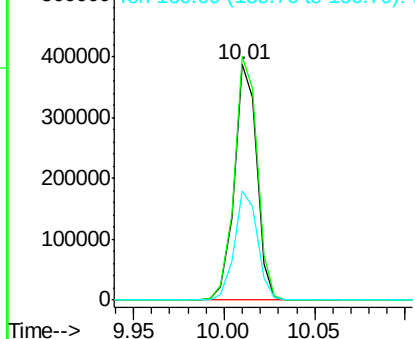


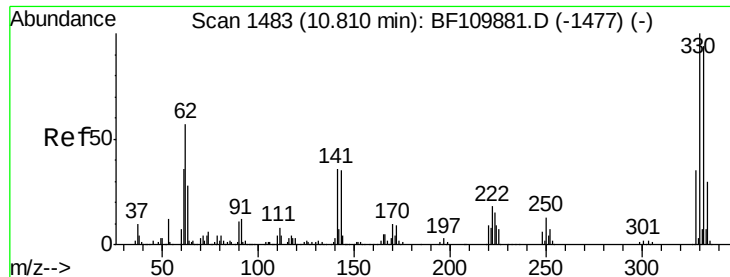
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF110024.D
 Acq: 20 Oct 2018 1:59

Tgt Ion: 164 Resp: 335095
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.0 124.6
 160 46.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

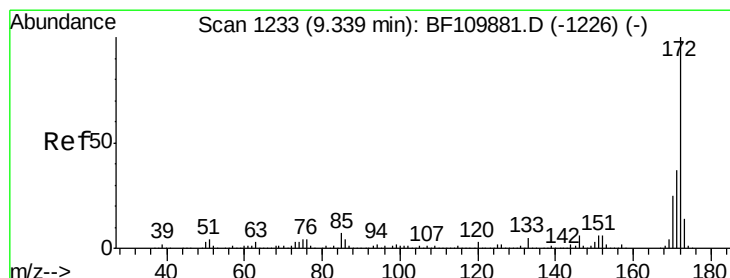
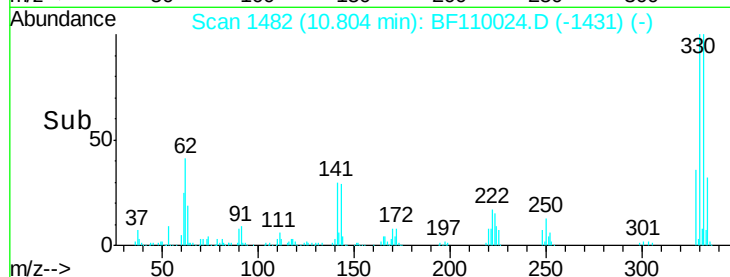
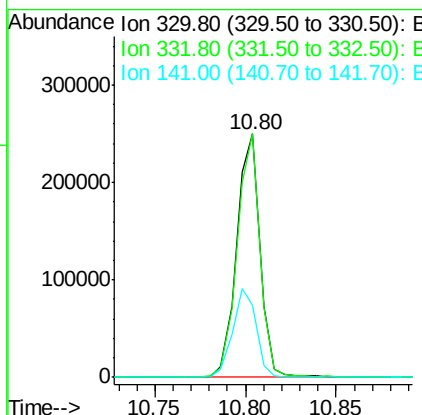
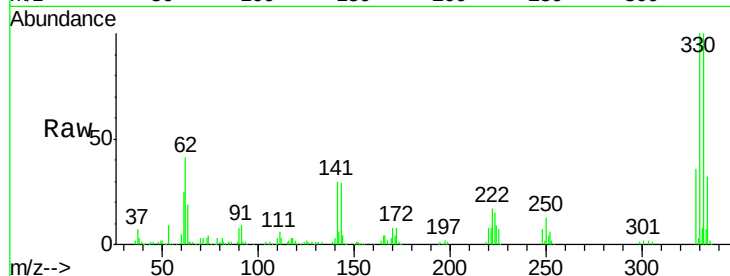




#42
 2,4,6-Tribromophenol
 Concen: 77.077 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF110024.D
 Acq: 20 Oct 2018 1:59

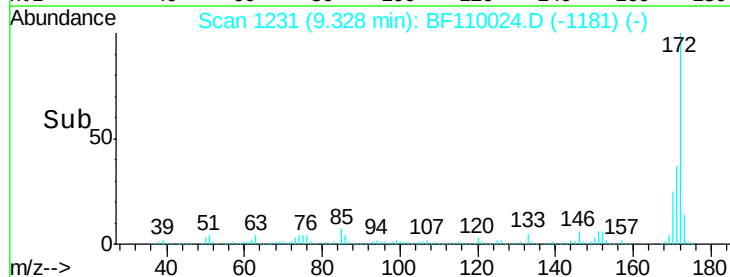
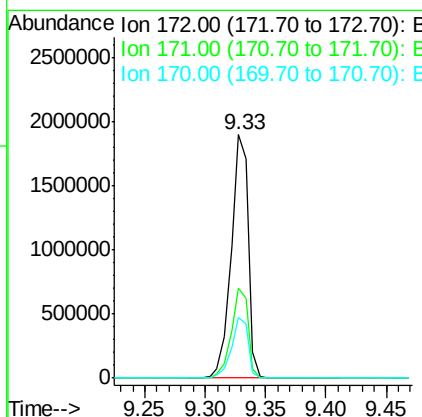
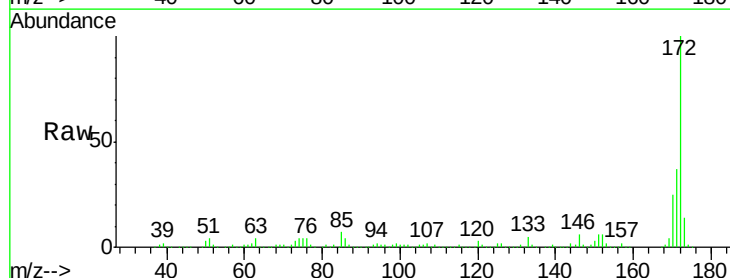
Instrument :
 BNA_F
 ClientSampleId :
 101718-DBRI-E-U-B

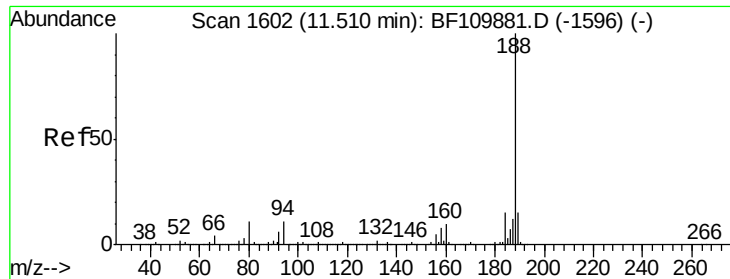
Tgt Ion: 330 Resp: 223612
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 37.0 27.0 40.4



#45
 2-Fluorobiphenyl
 Concen: 88.963 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110024.D
 Acq: 20 Oct 2018 1:59

Tgt Ion: 172 Resp: 1868257
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 24.8 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-B

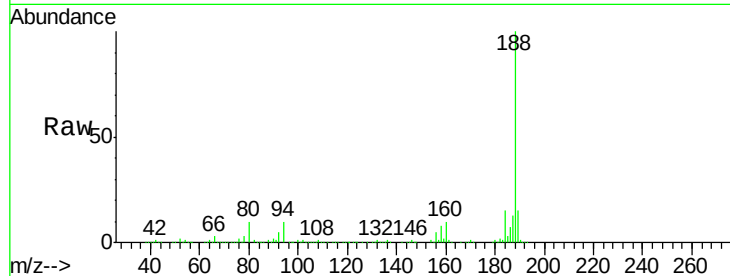
Tgt Ion:188 Resp: 536956

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

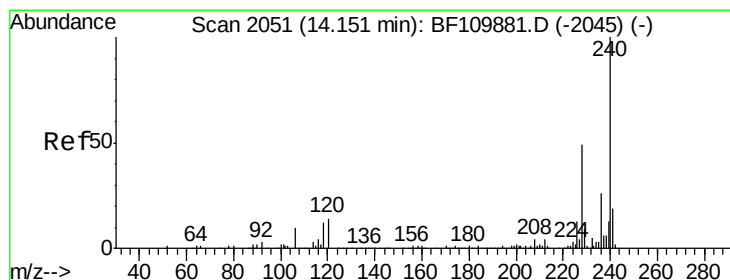
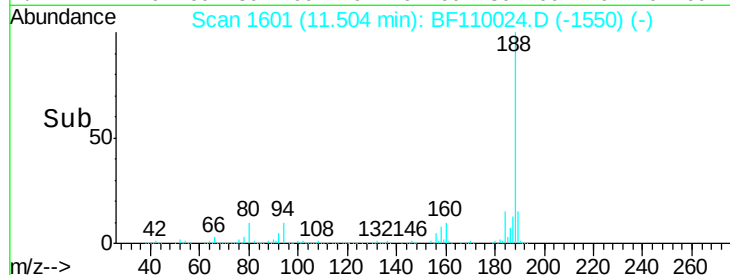
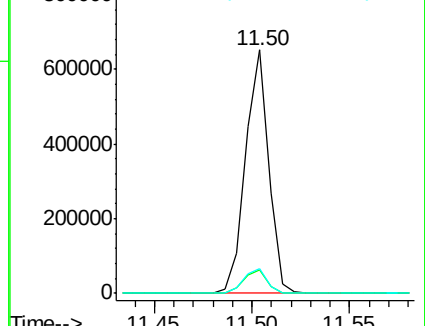
80 9.9 7.9 11.9



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. -0.01 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

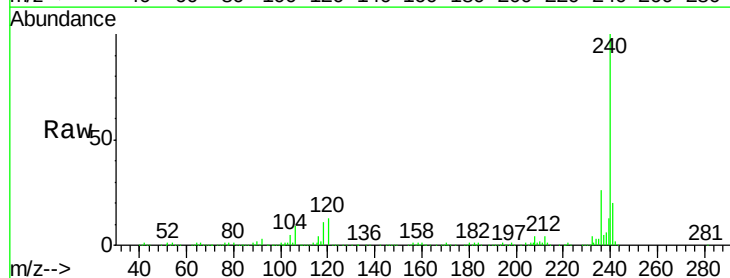
Tgt Ion:240 Resp: 367111

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

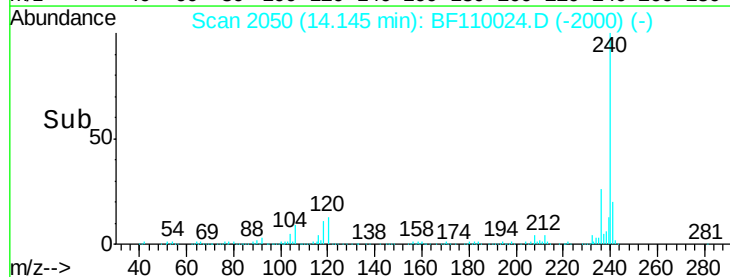
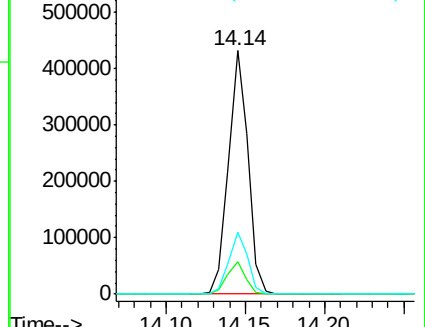
236 25.7 21.2 31.8

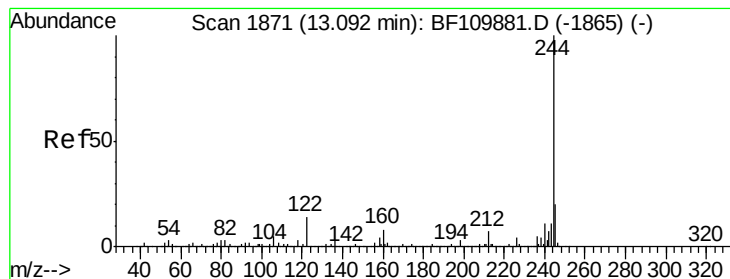


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.939 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

Instrument :

BNA_F

ClientSampleId :

101718-DBRI-E-U-B

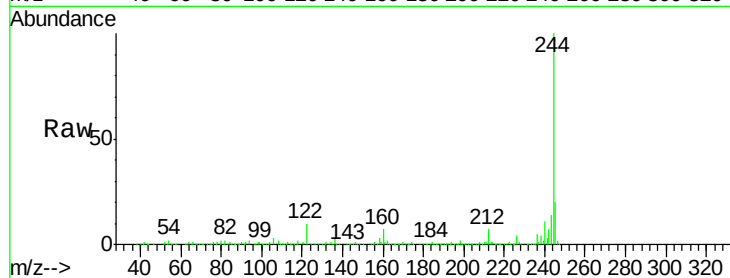
Tgt Ion:244 Resp: 1310088

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

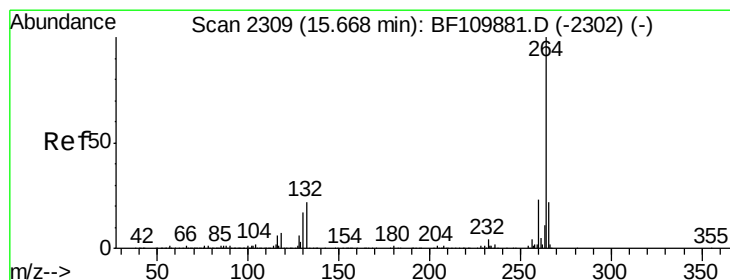
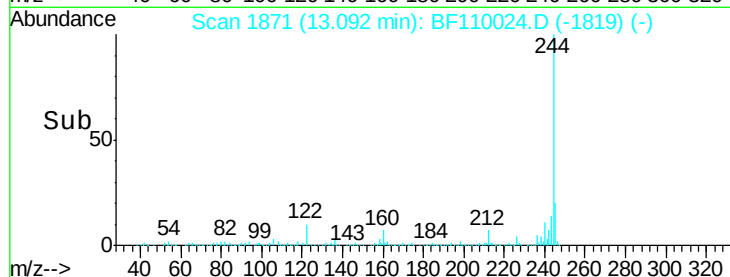
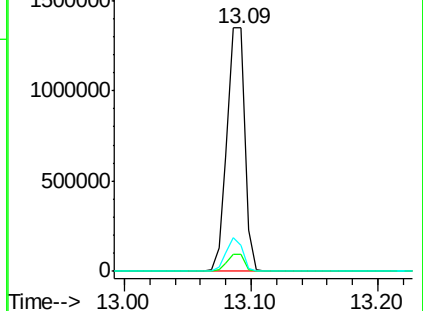
122 10.5 8.7 13.1



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. 0.00 min

Lab File: BF110024.D

Acq: 20 Oct 2018 1:59

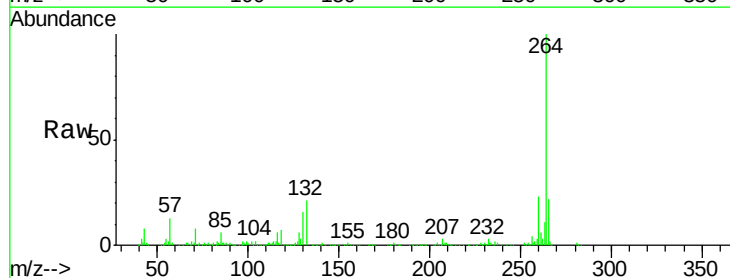
Tgt Ion:264 Resp: 327686

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.8 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

