

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110552.D
 Acq On : 7 Nov 2018 9:20
 Operator : JU/SJ
 Sample : J5808-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110118-DBRI-E-U-M

Quant Time: Nov 07 14:00:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	71985	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	251805	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	97621	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	170422	20.00	ng	0.00
76) Chrysene-d12	14.14	240	114860	20.00	ng	0.00
87) Perylene-d12	15.67	264	81162	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	179276	40.56	ng	0.00
7) Phenol-d6	6.57	99	134811	23.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	425516	100.23	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	76281	78.88	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	739338	118.92	ng	0.00
79) Terphenyl-d14	13.07	244	621751	112.58	ng	0.00

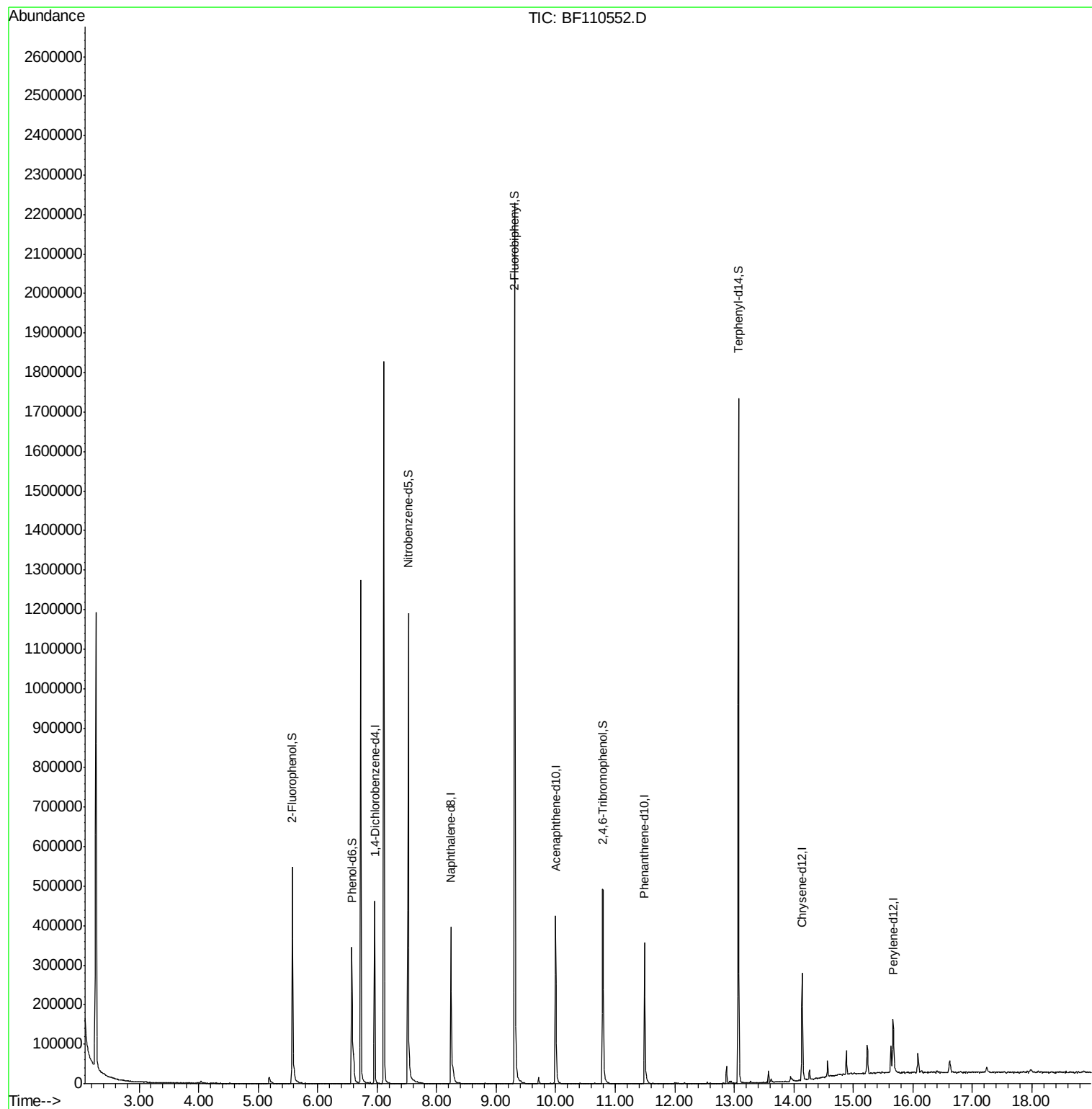
Target Compounds Qvalue

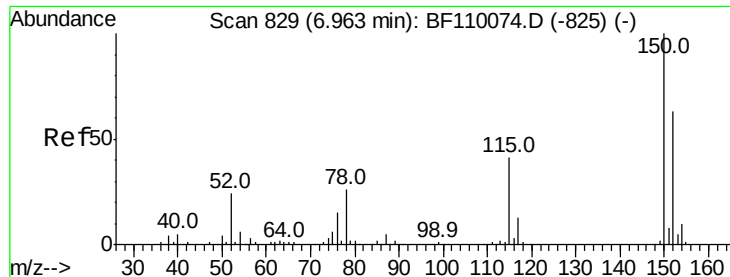
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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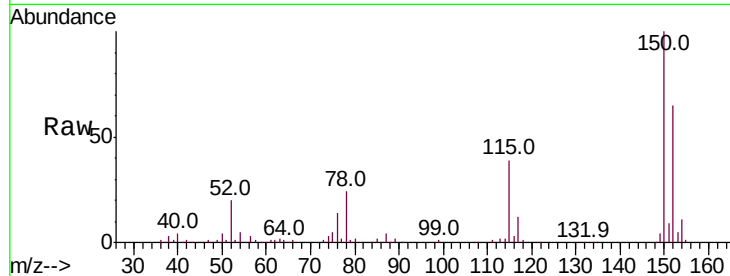


#1

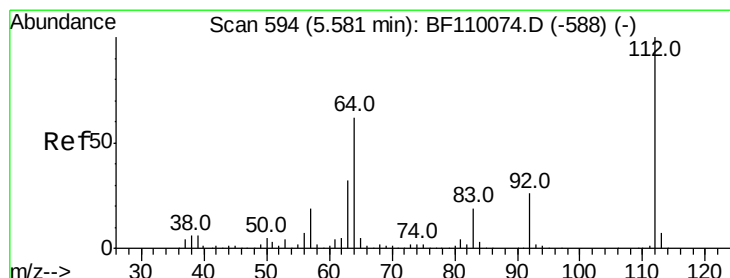
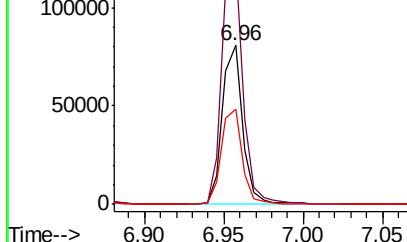
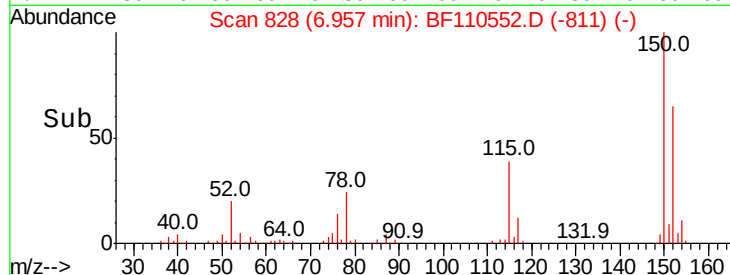
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110552.D
 Acq: 7 Nov 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 110118-DBRI-E-U-M

Tot Ion:152 Resp: 71985
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.7 184.1
 115 60.2 49.1 73.7



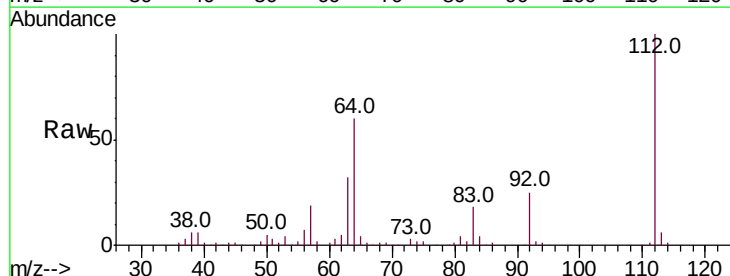
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



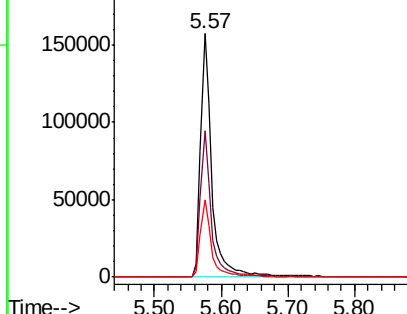
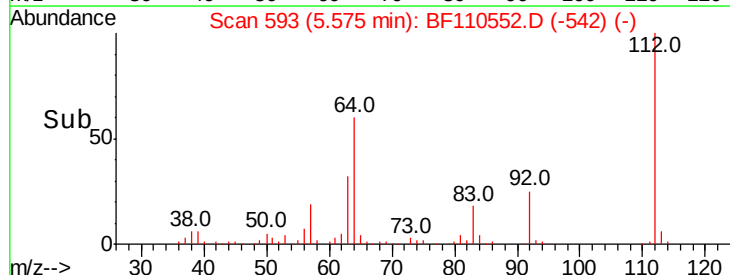
#5

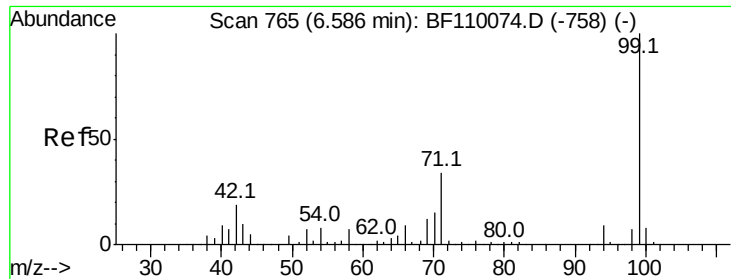
2-Fluorophenol
 Concen: 40.556 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110552.D
 Acq: 7 Nov 2018 9:20

Tgt Ion:112 Resp: 179276
 Ion Ratio Lower Upper
 112 100
 64 60.1 44.1 66.1
 63 31.7 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: 23.843 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

110118-DBRI-E-U-M

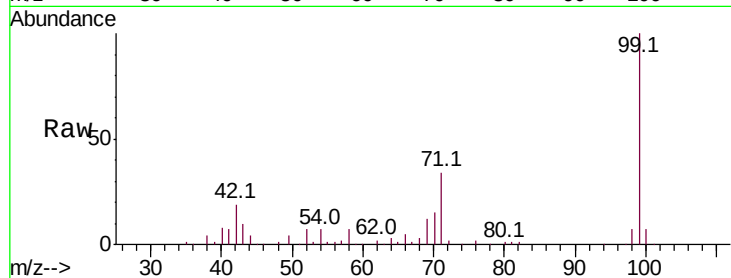
Tot Ion: 99 Resp: 134811

Ion Ratio Lower Upper

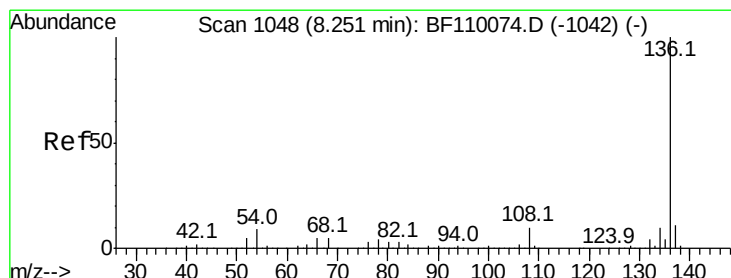
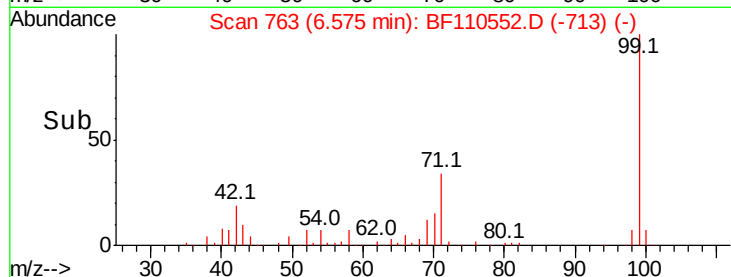
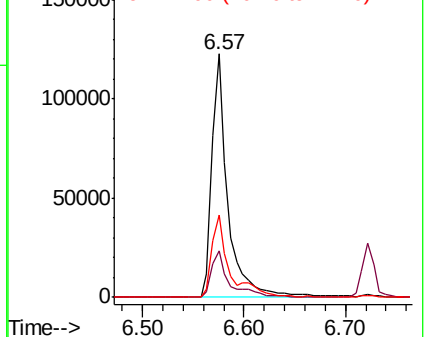
99 100

42 19.2 15.8 23.6

71 33.7 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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Tgt Ion: 136 Resp: 251805

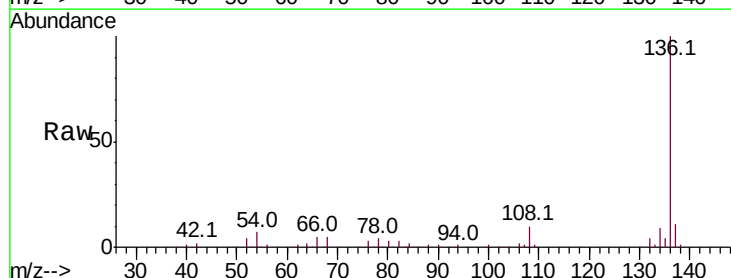
Ion Ratio Lower Upper

136 100

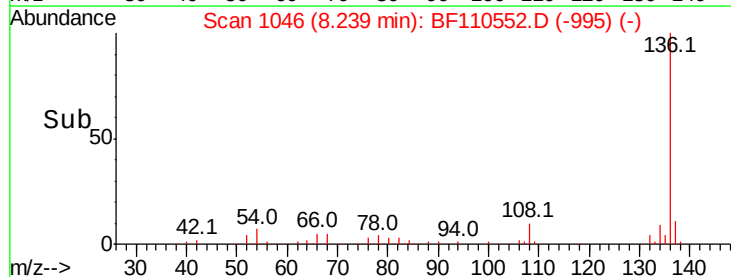
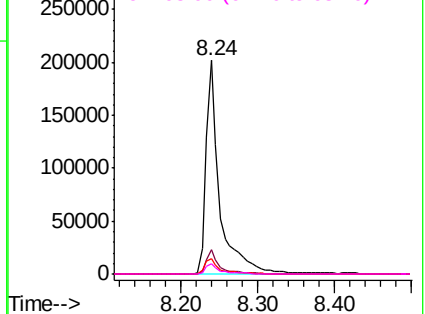
137 11.2 8.8 13.2

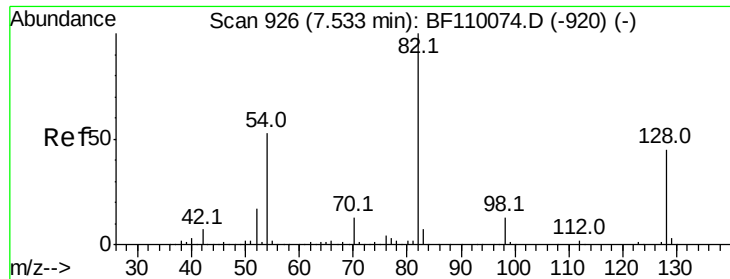
54 7.5 5.4 8.2

68 4.9 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

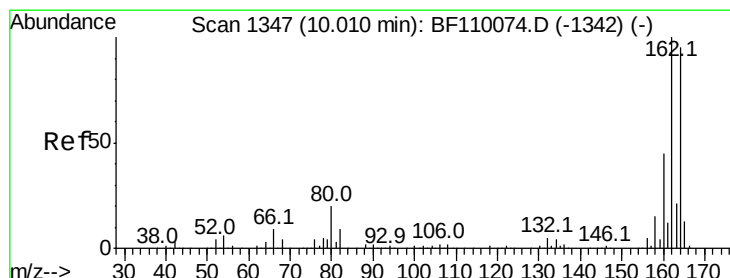
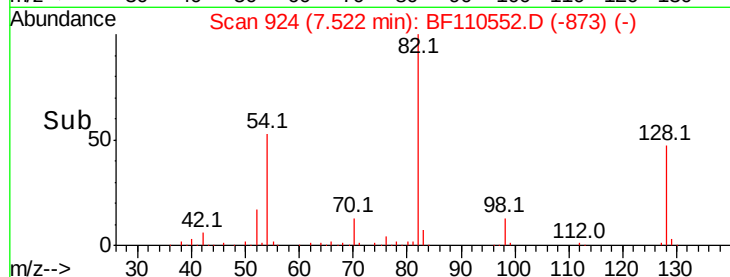
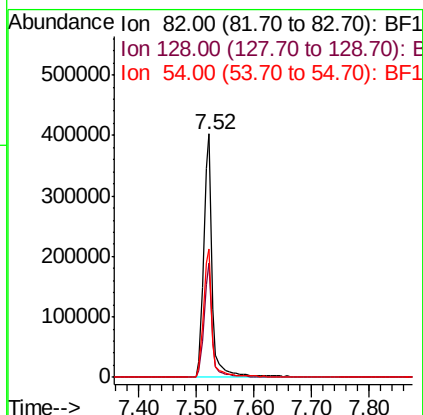
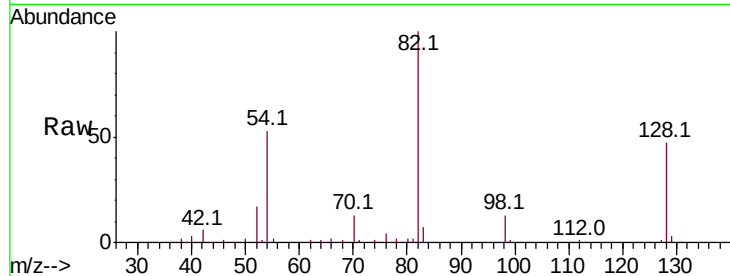




#23
Nitrobenzene-d5
Concen: 100.231 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

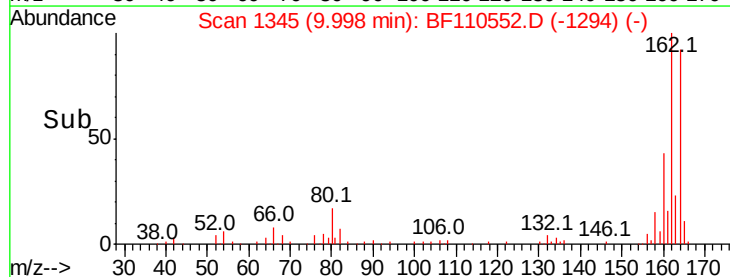
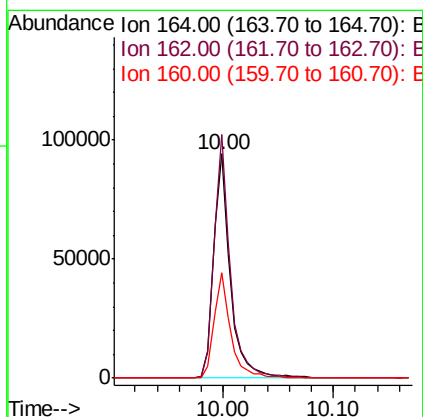
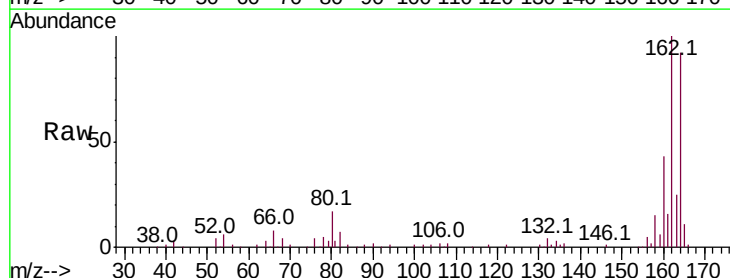
Instrument :
BNA_F
ClientSampleId :
110118-DBRI-E-U-M

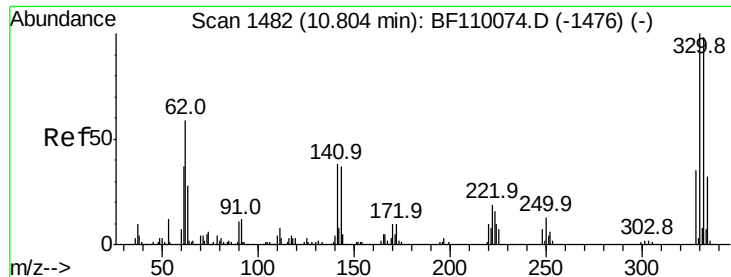
Tot Ion: 82 Resp: 425516
Ion Ratio Lower Upper
82 100
128 47.1 34.2 51.2
54 52.8 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110552.D
Acq: 7 Nov 2018 9:20

Tgt Ion:164 Resp: 97621
Ion Ratio Lower Upper
164 100
162 108.7 83.0 124.6
160 47.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 78.884 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

110118-DBRI-E-U-M

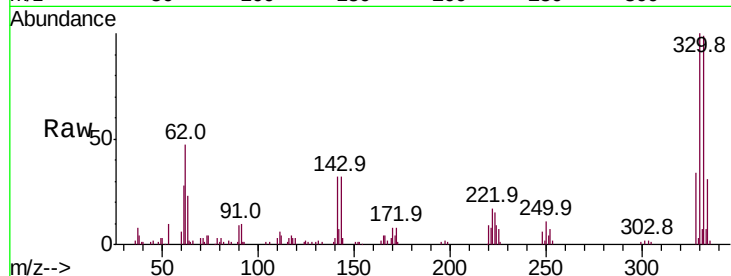
Tot Ion:330 Resp: 76281

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

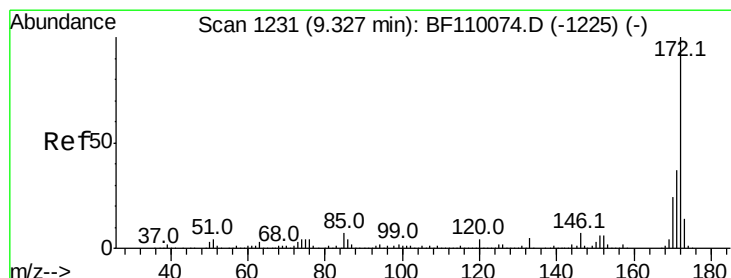
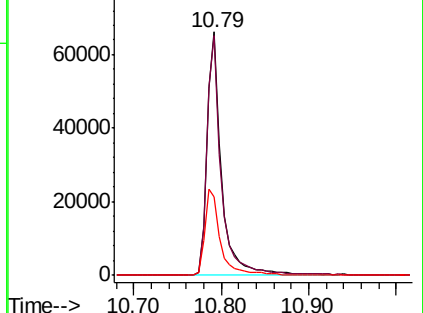
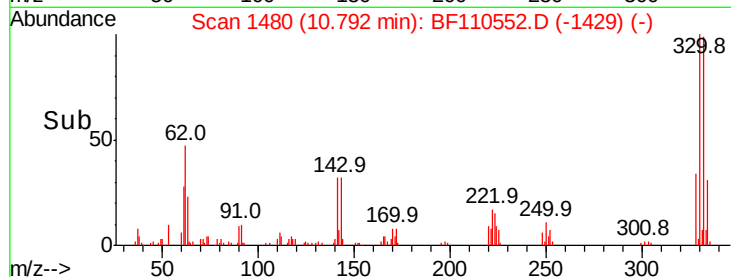
141 37.5 27.0 40.4



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: 118.924 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

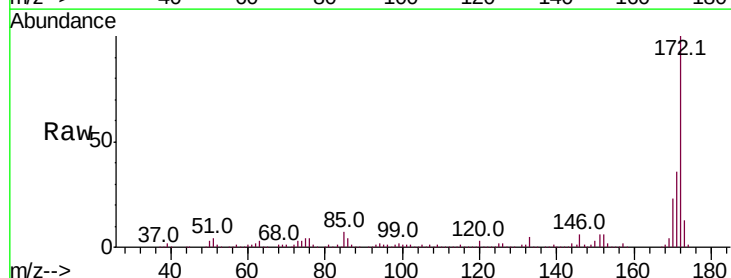
Tgt Ion:172 Resp: 739338

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

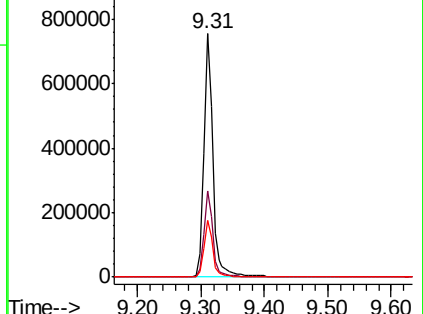
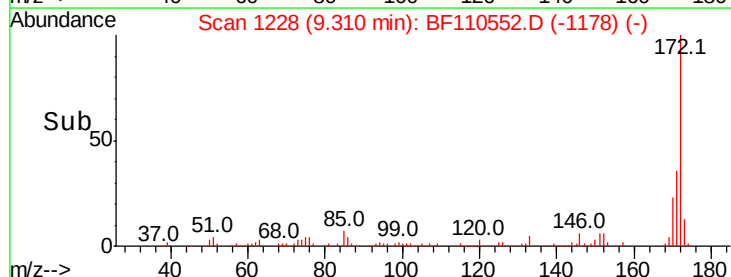
170 23.2 19.7 29.5

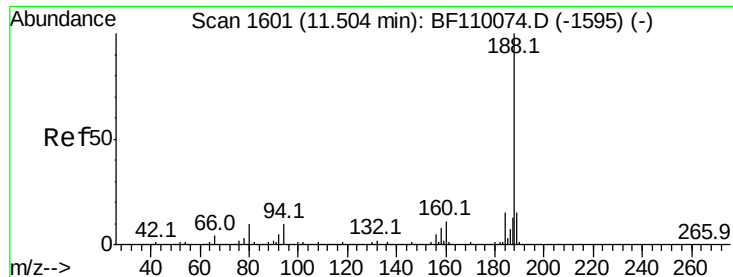


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Instrument :

BNA_F

ClientSampleId :

110118-DBRI-E-U-M

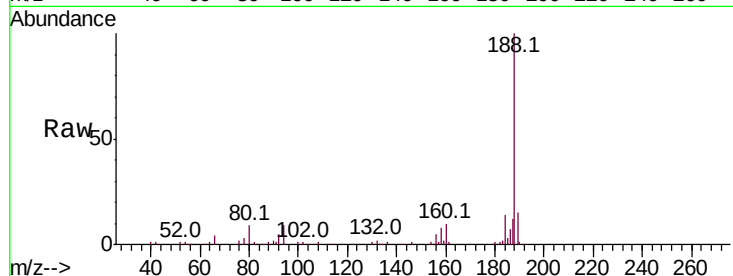
Tot Ion:188 Resp: 170422

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

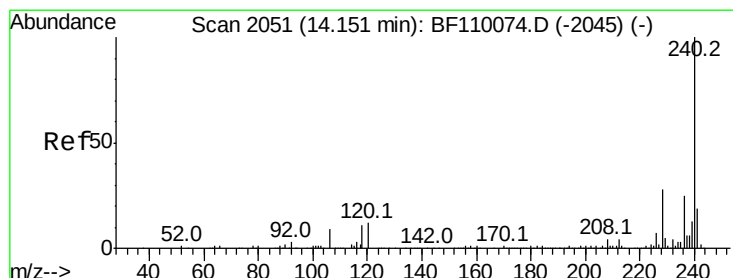
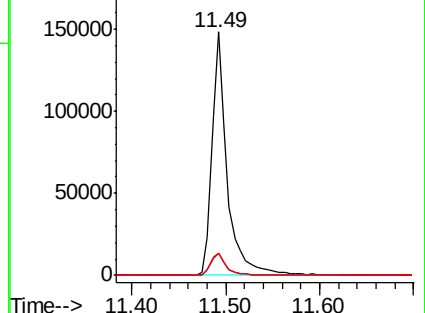
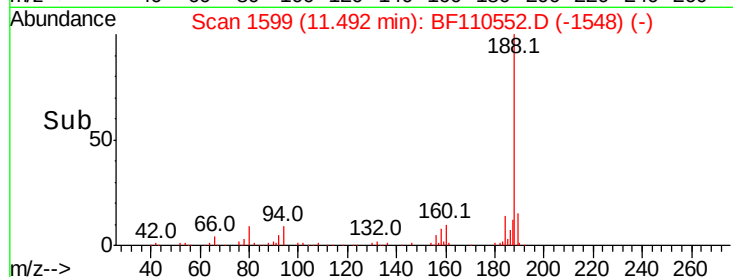
80 9.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

200000 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# 2049

Delta R.T. 0.00 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

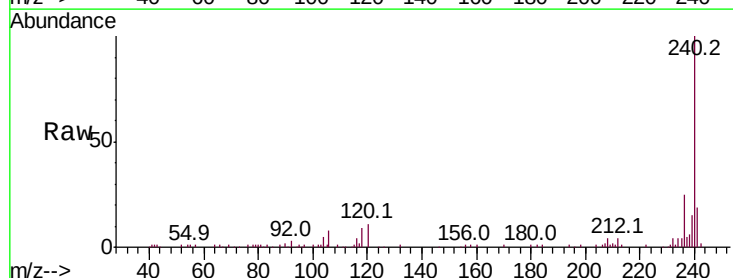
Tgt Ion:240 Resp: 114860

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

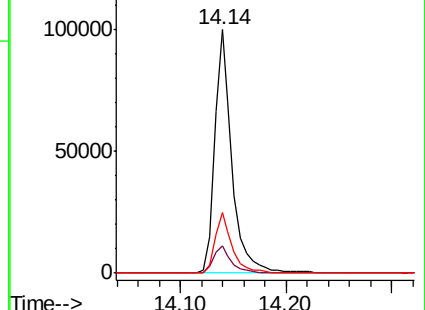
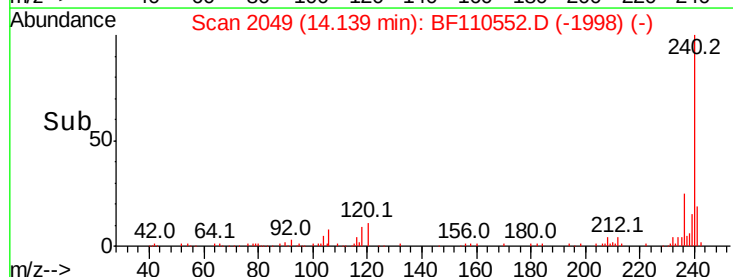
236 25.0 21.2 31.8

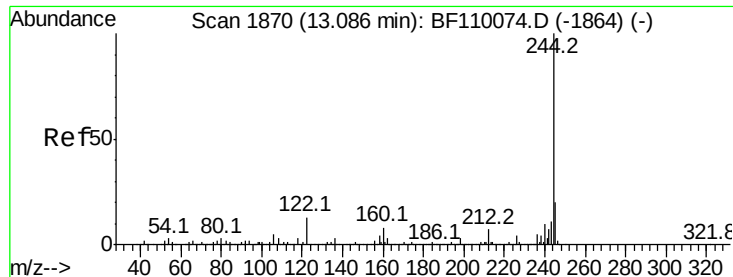


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.577 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

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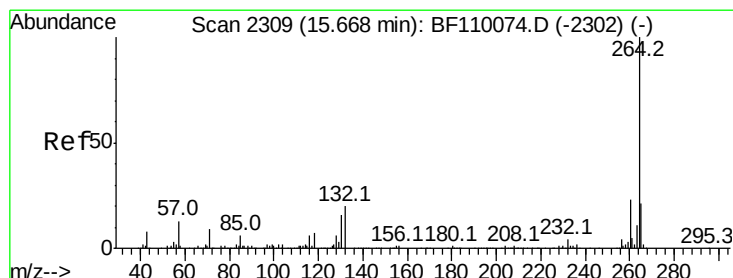
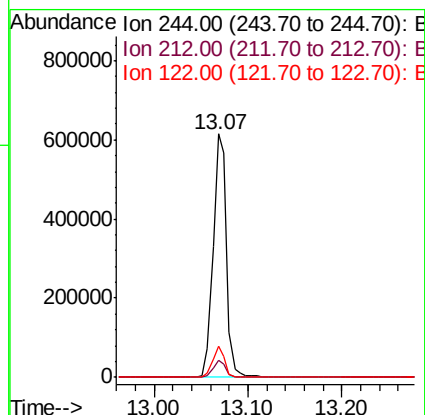
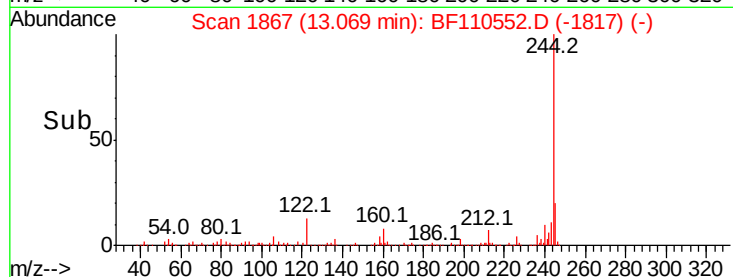
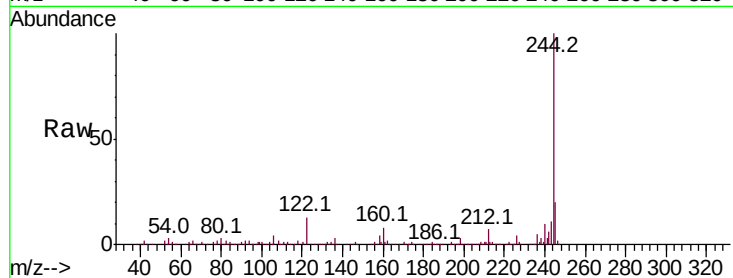
Tot Ion:244 Resp: 621751

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 12.6 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110552.D

Acq: 7 Nov 2018 9:20

Tgt Ion:264 Resp: 81162

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 16.7 25.1

