

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110991.D
 Acq On : 27 Nov 2018 4:48
 Operator : JU/SJ
 Sample : J6061-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-U-B

Quant Time: Nov 27 06:37:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 03:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	46070	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	173027	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	69692	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	128265	20.00	ng	0.00
76) Chrysene-d12	14.13	240	82707	20.00	ng	0.00
87) Perylene-d12	15.67	264	61956	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	108306	38.99	ng	0.00
7) Phenol-d6	6.57	99	75268	20.79	ng	-0.02
23) Nitrobenzene-d5	7.50	82	295550	97.76	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	57709	83.38	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	513349	106.72	ng	0.00
79) Terphenyl-d14	13.06	244	468787	110.34	ng	0.00

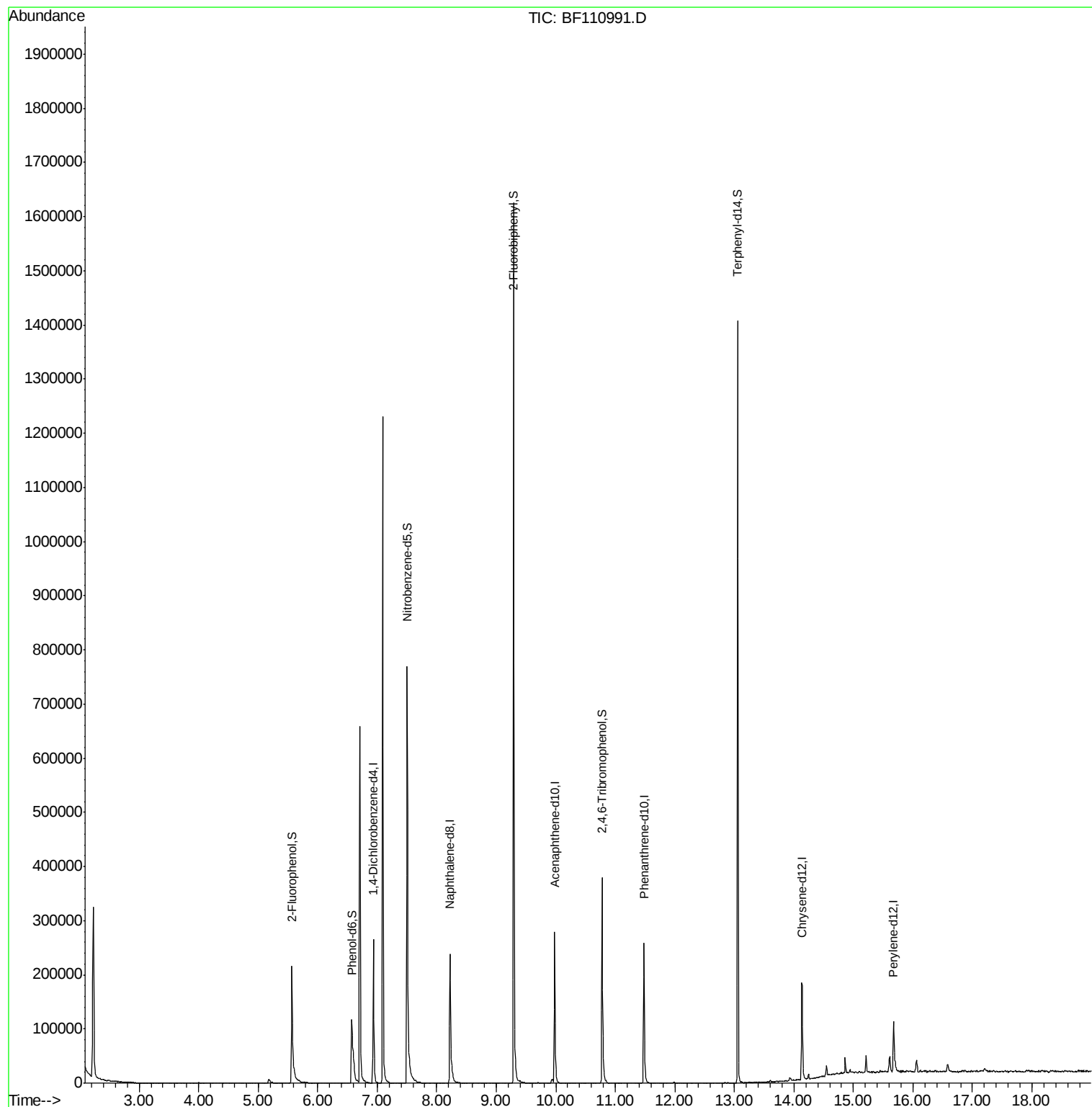
Target Compounds Qvalue

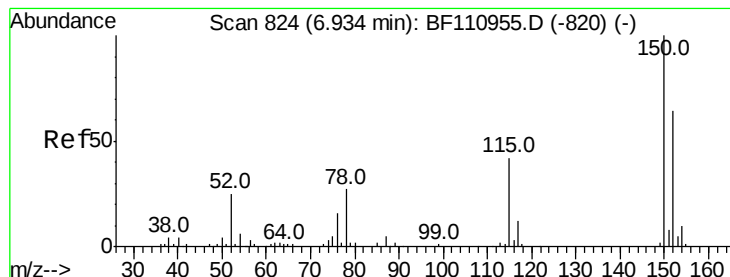
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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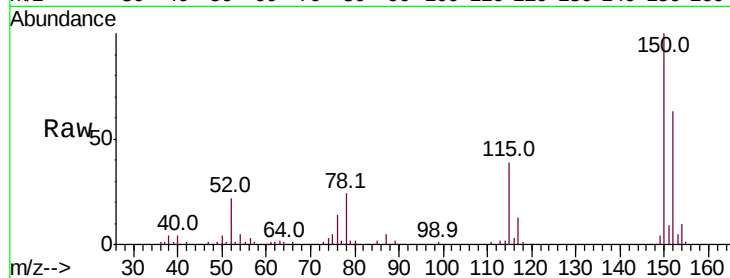


#1

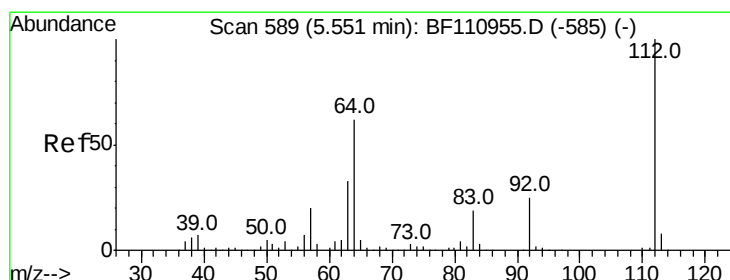
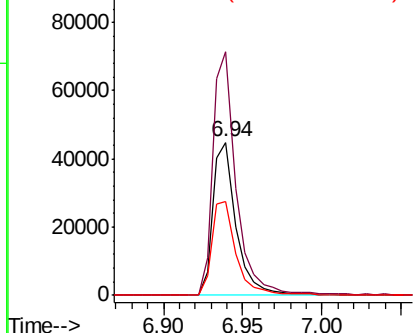
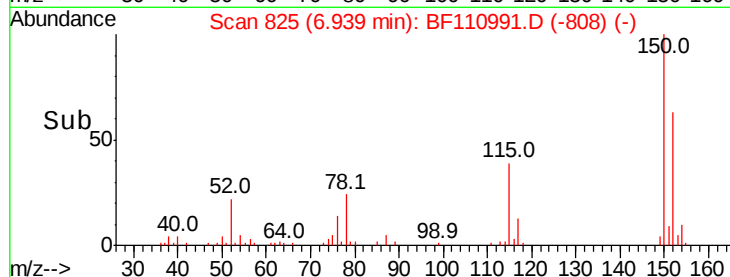
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF110991.D
Acq: 27 Nov 2018 4:48

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-U-B

Tot Ion:152 Resp: 46070
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 61.3 49.1 73.7



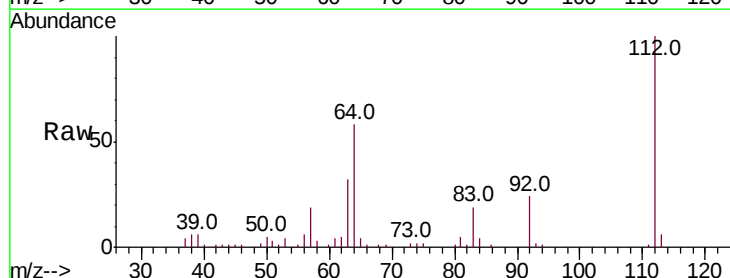
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



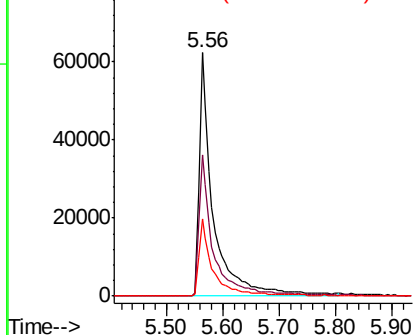
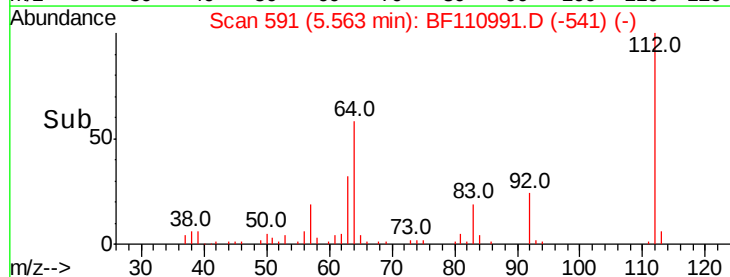
#5

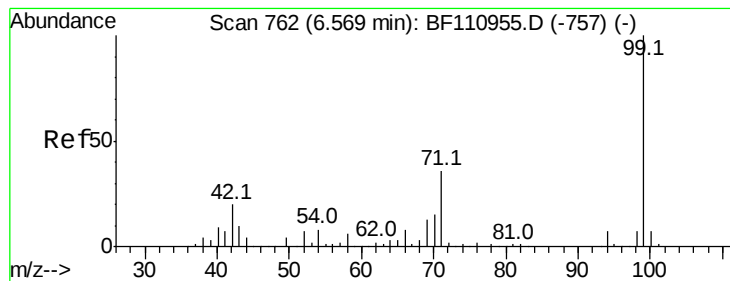
2-Fluorophenol
Concen: 38.985 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF110991.D
Acq: 27 Nov 2018 4:48

Tgt Ion:112 Resp: 108306
Ion Ratio Lower Upper
112 100
64 58.0 44.1 66.1
63 31.8 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: 20.790 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-U-B

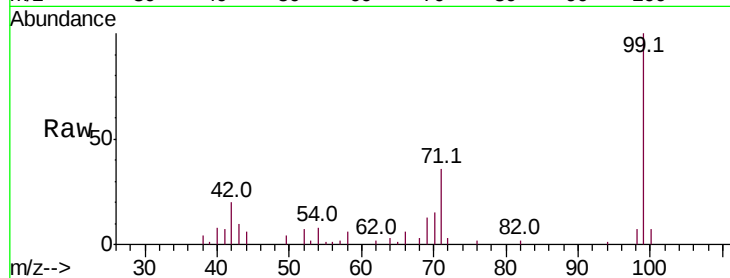
Tot Ion: 99 Resp: 75268

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

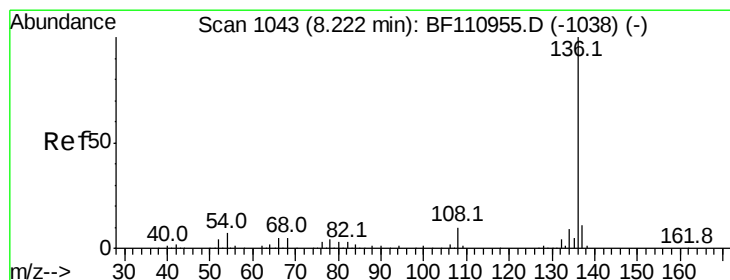
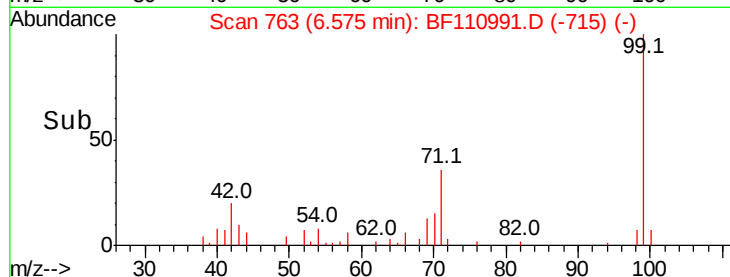
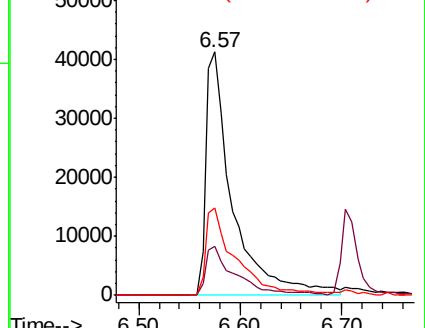
71 36.0 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

Tgt Ion: 136 Resp: 173027

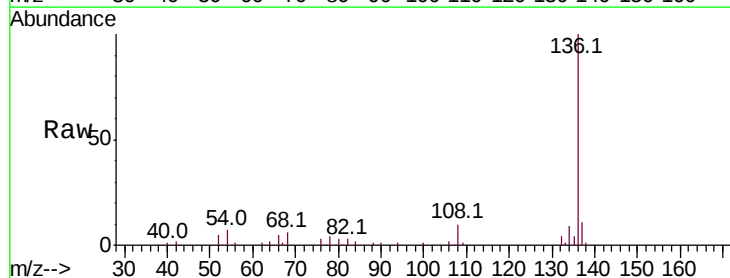
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.4 8.2

68 5.5 4.2 6.2

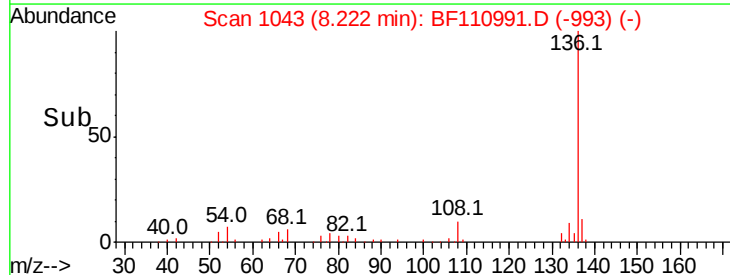
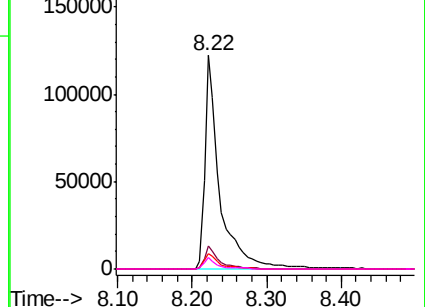


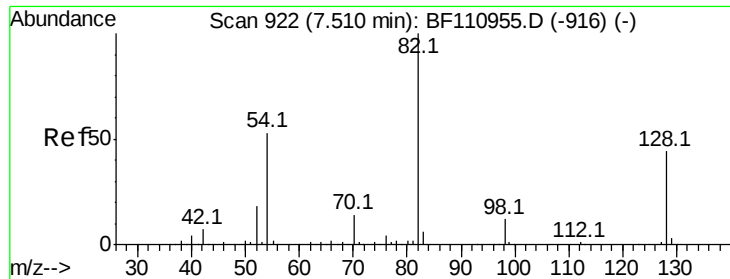
Abundance Ion 136.00 (135.70 to 136.70): E

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

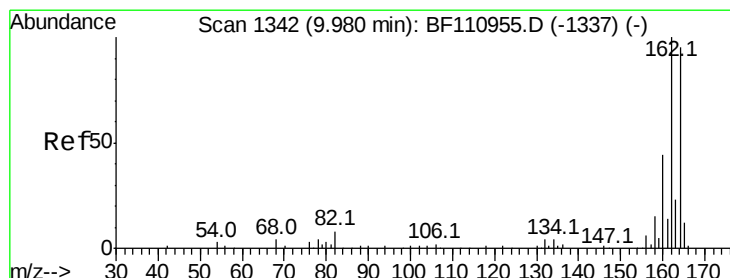
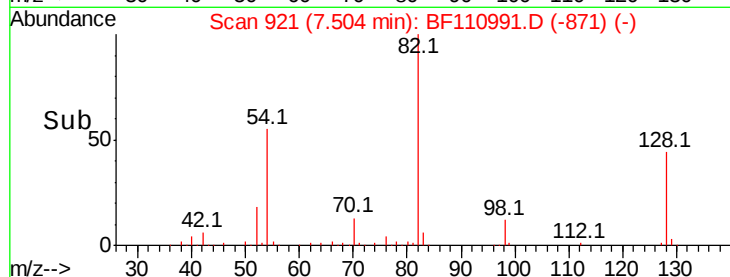
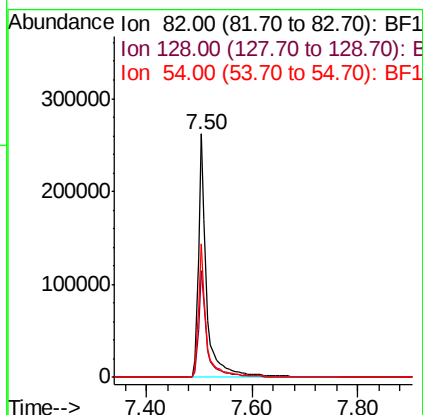
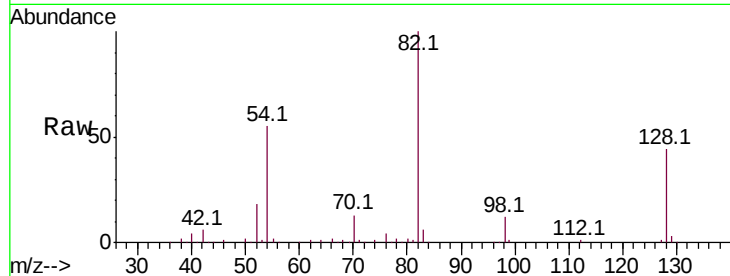




#23
 Nitrobenzene-d5
 Concen: 97.757 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110991.D
 Acq: 27 Nov 2018 4:48

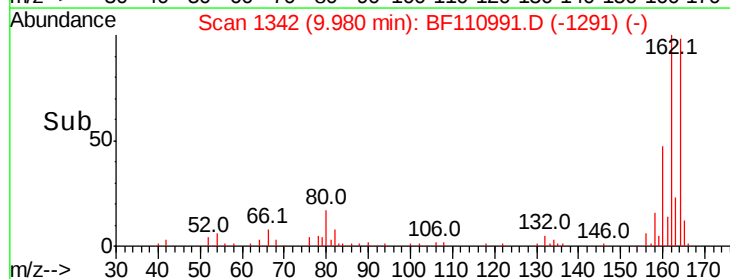
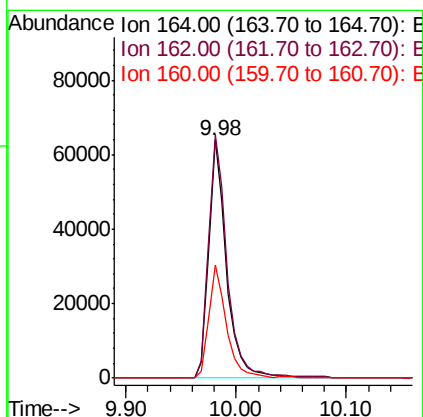
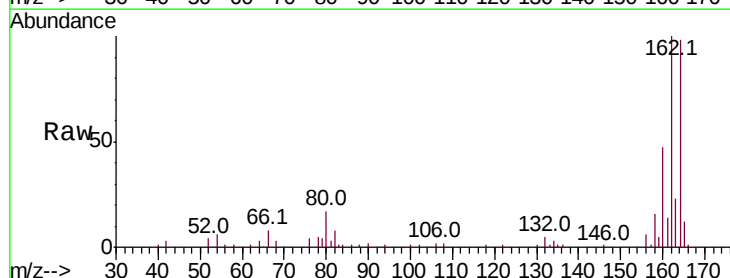
Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-U-B

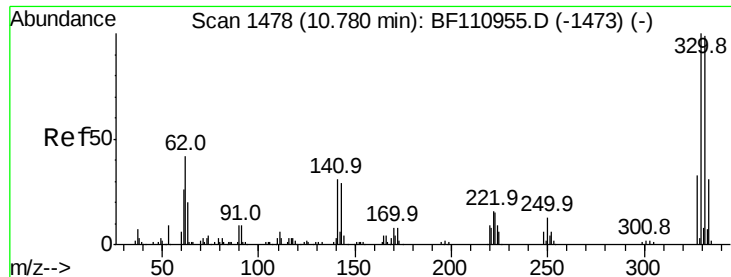
Tot Ion	82	Resp	295550
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	54.6	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF110991.D
 Acq: 27 Nov 2018 4:48

Tgt Ion	164	Resp	69692
Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	47.7	37.0	55.6

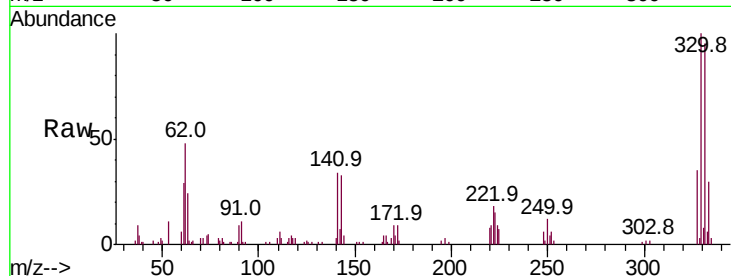




#42
 2,4,6-Tribromophenol
 Concen: 83.378 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF110991.D
 Acq: 27 Nov 2018 4:48

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	38.6	27.0	40.4

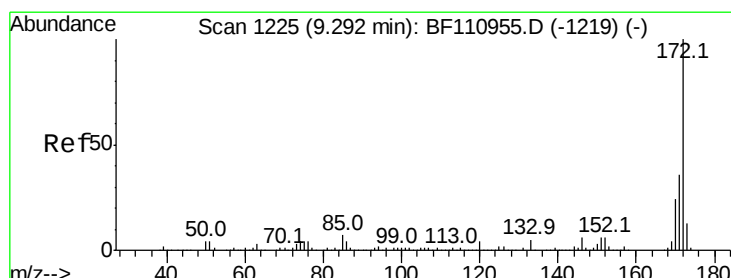
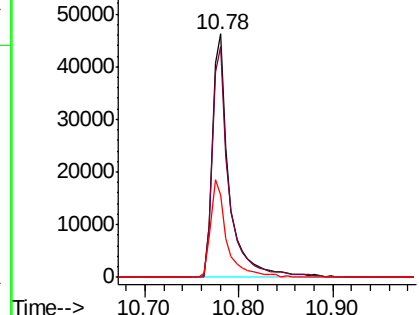
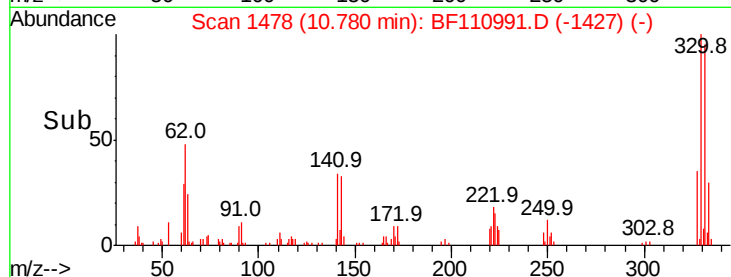


Abundance

Ion 329.80 (329.50 to 330.50): E

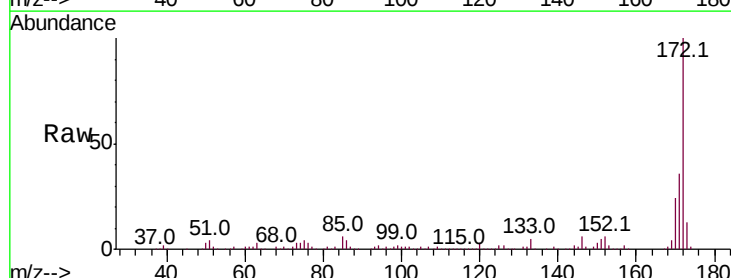
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 106.716 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110991.D
 Acq: 27 Nov 2018 4:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	19.7	29.5

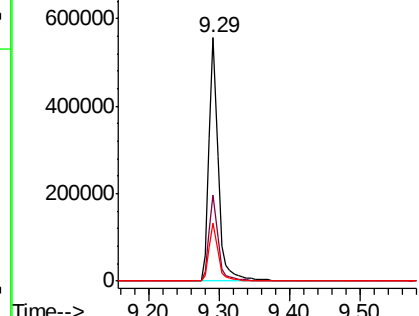
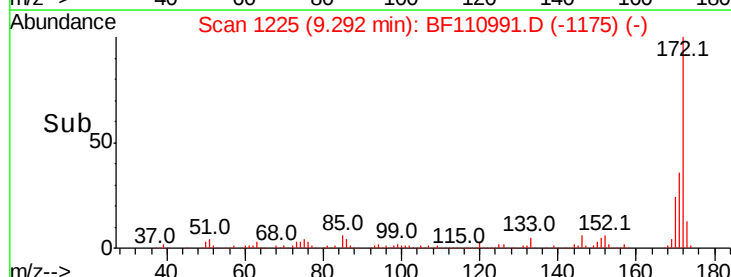


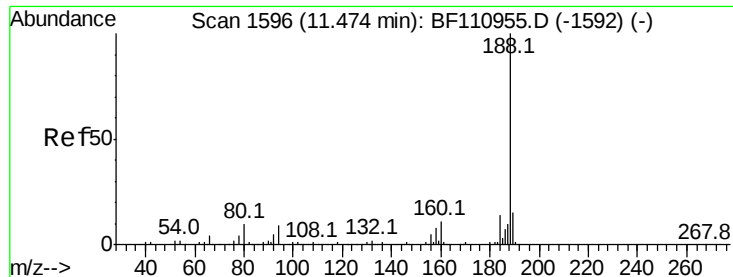
Abundance

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: 11.48 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-U-B

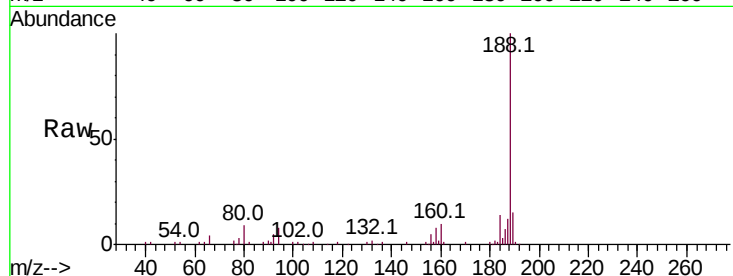
Tot Ion:188 Resp: 128265

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

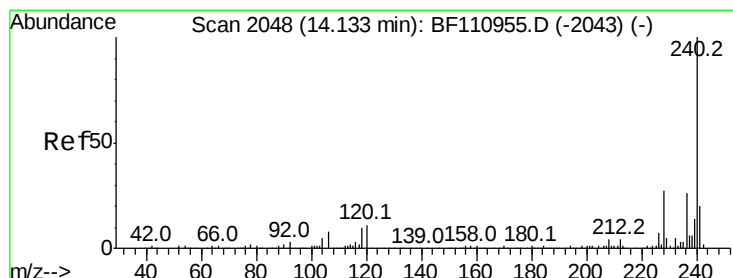
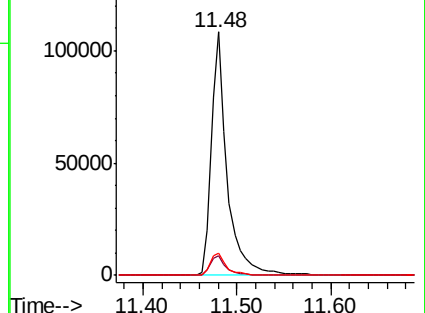
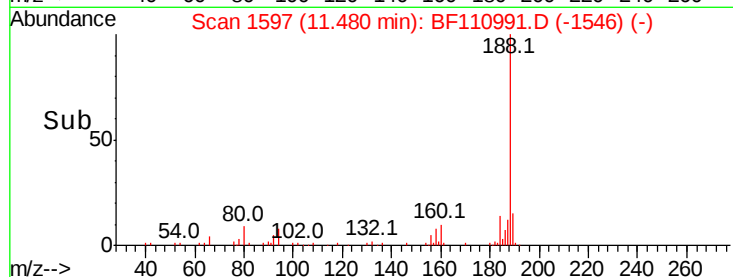
80 9.3 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

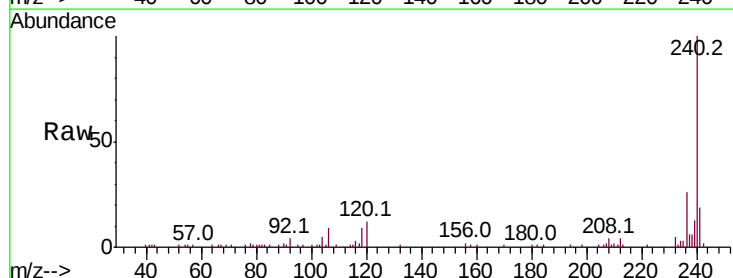
Tgt Ion:240 Resp: 82707

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

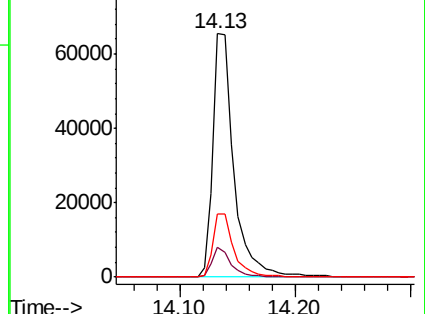
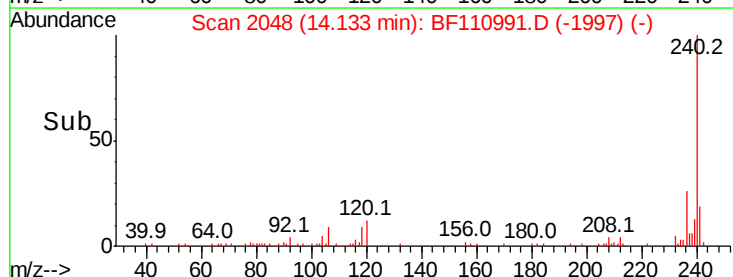
236 25.7 21.2 31.8

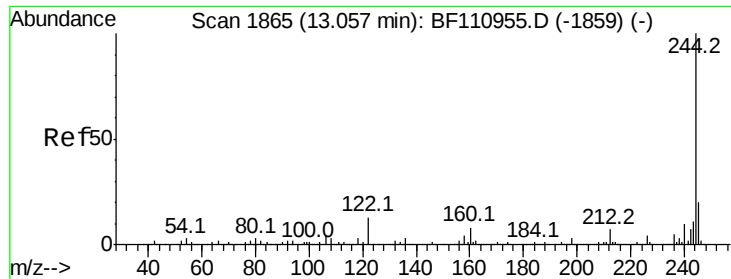


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.337 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

Instrument :

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ClientSampleId :

112018-DBRI-E-U-B

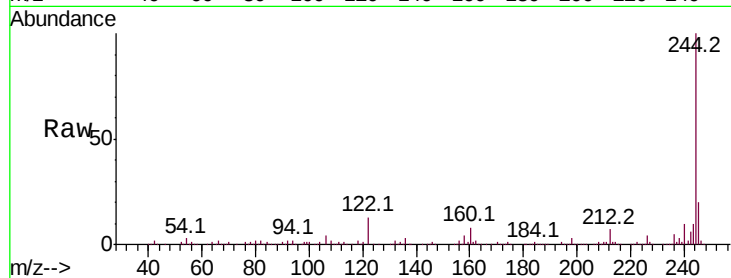
Tot Ion:244 Resp: 468787

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

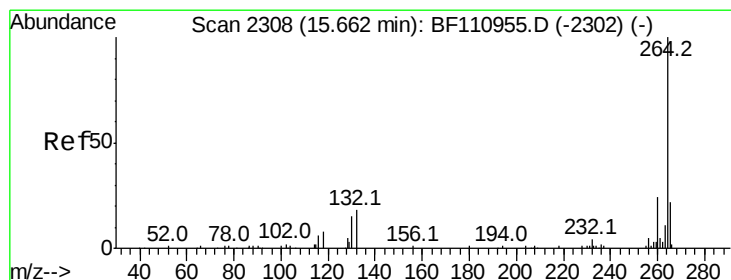
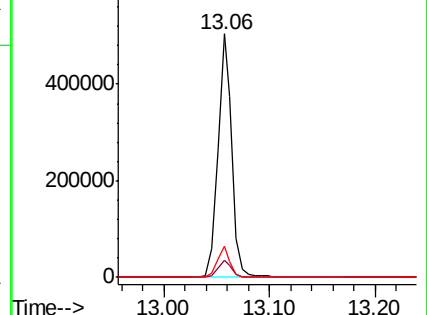
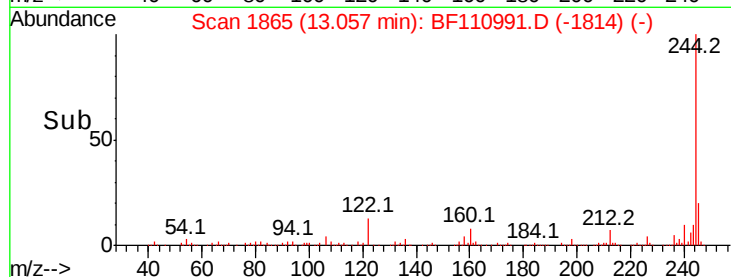
122 12.5 8.7 13.1



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# 2310

Delta R.T. 0.01 min

Lab File: BF110991.D

Acq: 27 Nov 2018 4:48

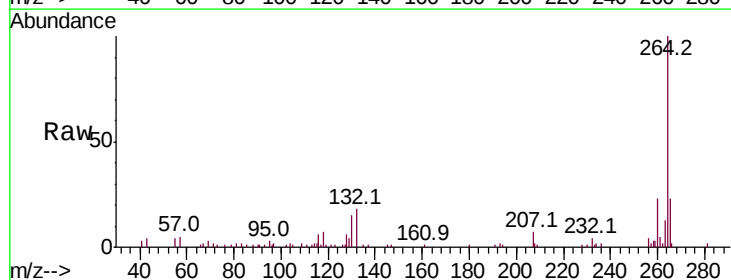
Tgt Ion:264 Resp: 61956

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 23.0 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

