

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110490.D
 Acq On : 6 Nov 2018 3:34
 Operator : JU/SJ
 Sample : J5810-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-M

Quant Time: Nov 06 05:35:06 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	6.95	152	95552	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376554	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	163246	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	255388	20.00	ng	0.00
76) Chrysene-d12	14.13	240	174613	20.00	ng	0.00
87) Perylene-d12	15.66	264	130607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	267087	45.52	ng	0.00
7) Phenol-d6	6.57	99	219230	29.21	ng	-0.01
23) Nitrobenzene-d5	7.52	82	655079	103.19	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	131732	81.46	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1182846	113.78	ng	0.00
79) Terphenyl-d14	13.07	244	826390	98.43	ng	0.00

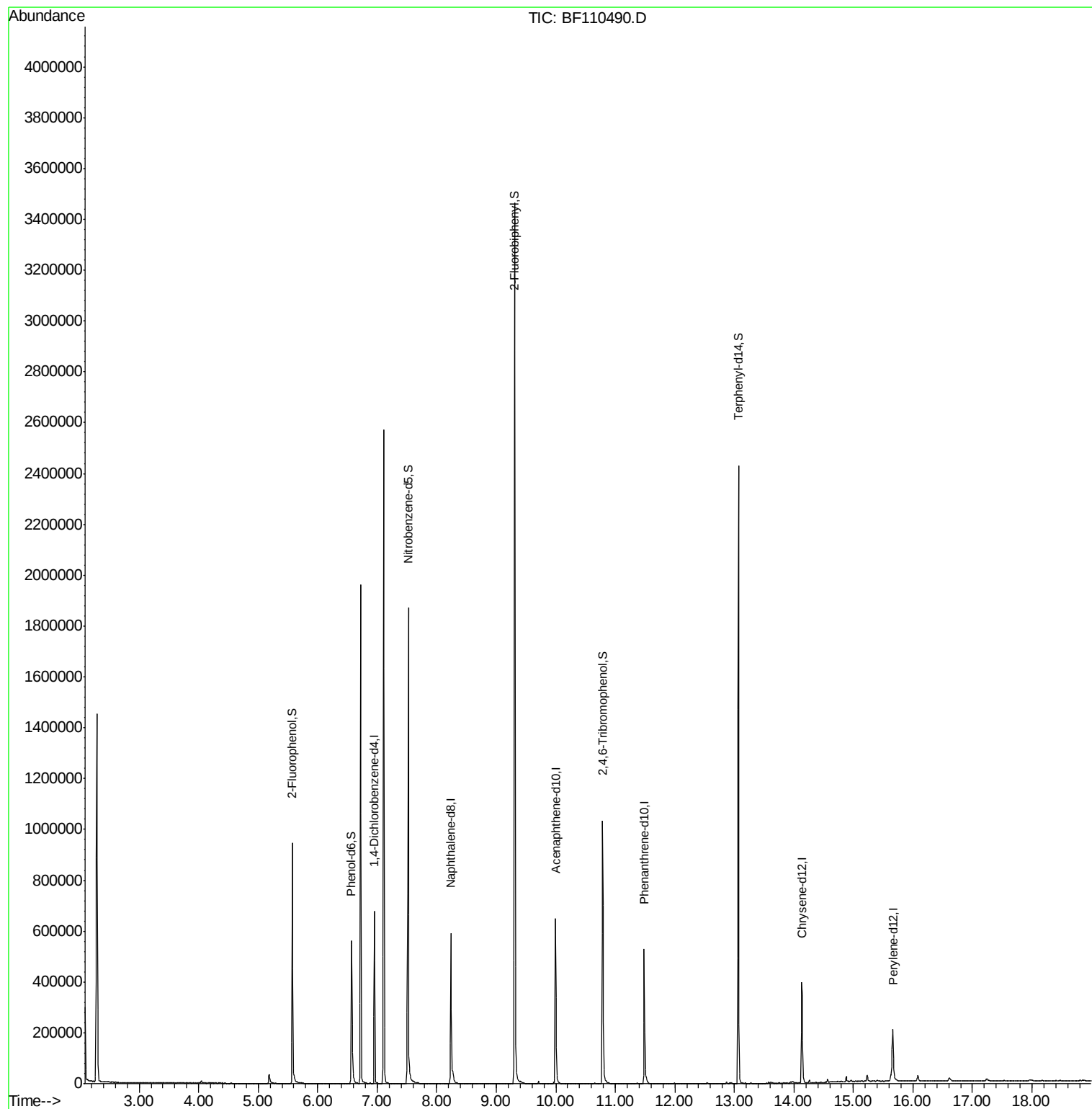
Target Compounds Qvalue

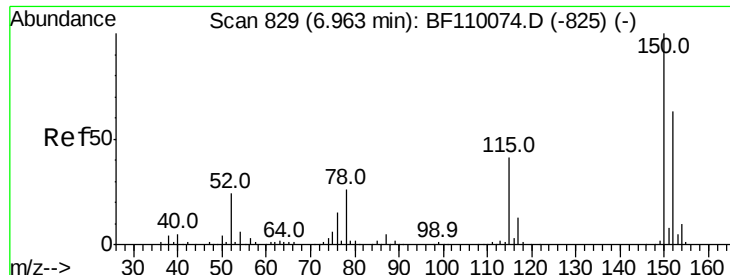
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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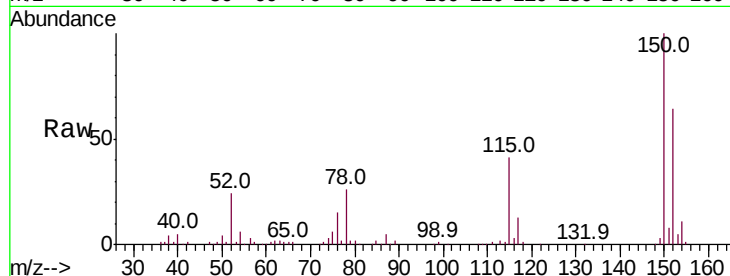




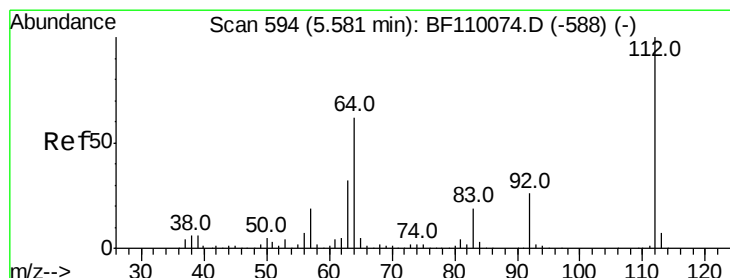
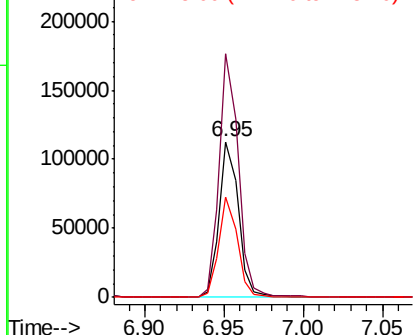
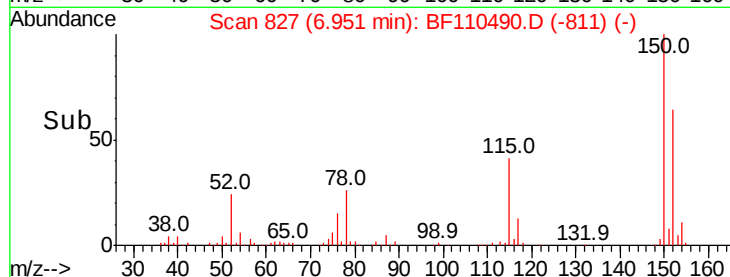
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110490.D
 Acq: 6 Nov 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-M

Tot Ion:152 Resp: 95552
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 64.1 49.1 73.7

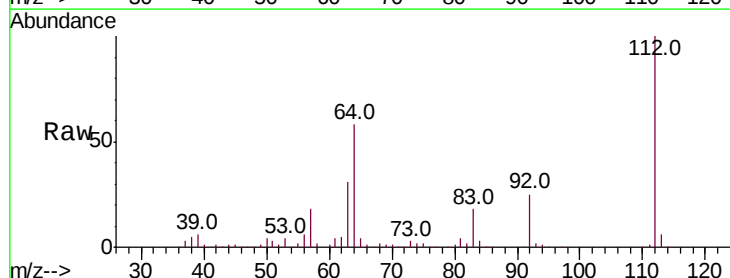


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

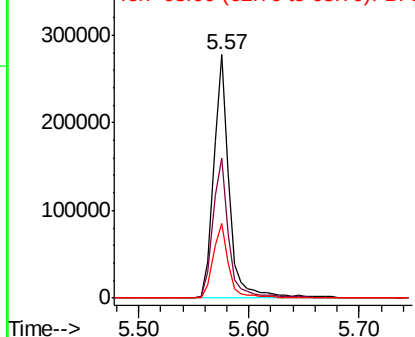
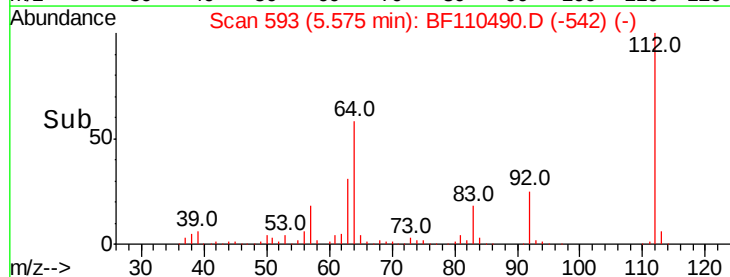


#5
 2-Fluorophenol
 Concen: 45.518 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110490.D
 Acq: 6 Nov 2018 3:34

Tgt Ion:112 Resp: 267087
 Ion Ratio Lower Upper
 112 100
 64 57.6 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: 29.210 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-M

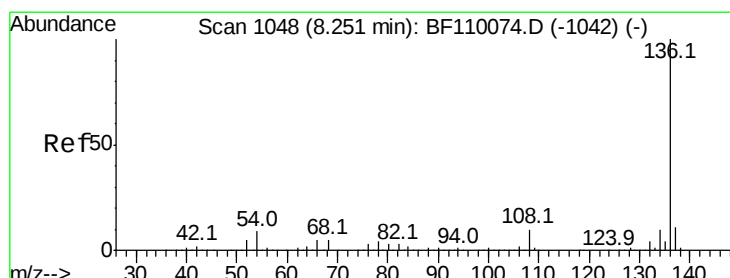
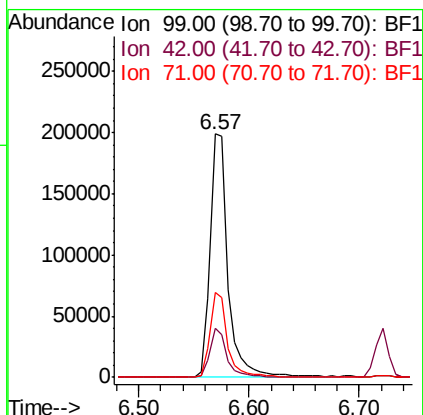
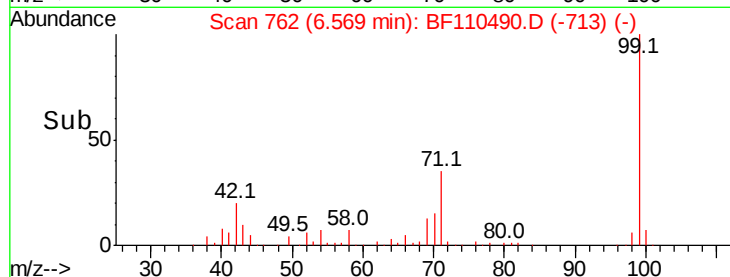
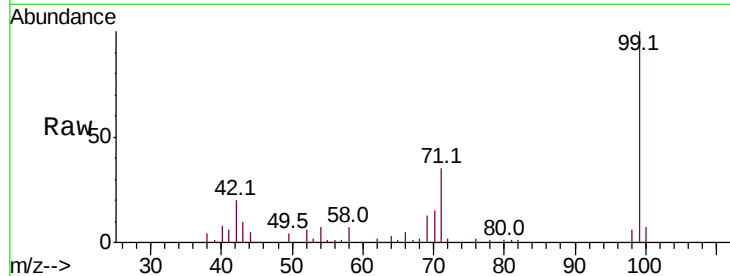
Tot Ion: 99 Resp: 219230

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

71 34.6 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

Tgt Ion: 136 Resp: 376554

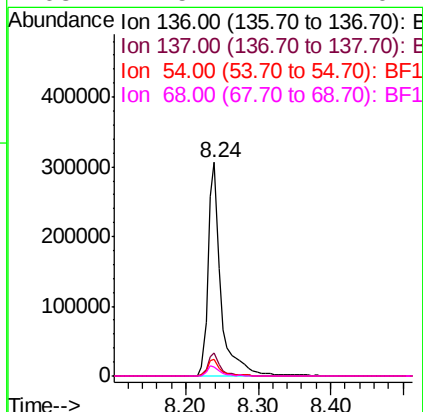
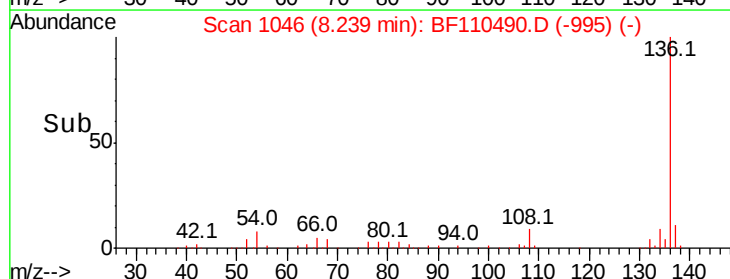
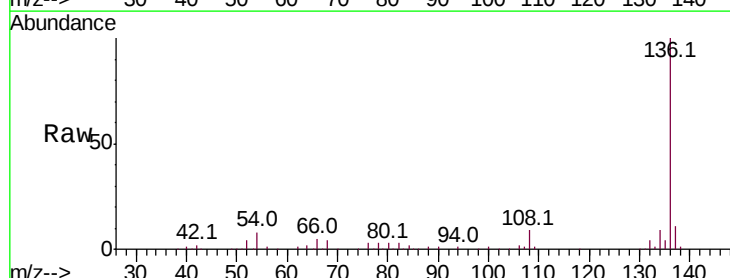
Ion Ratio Lower Upper

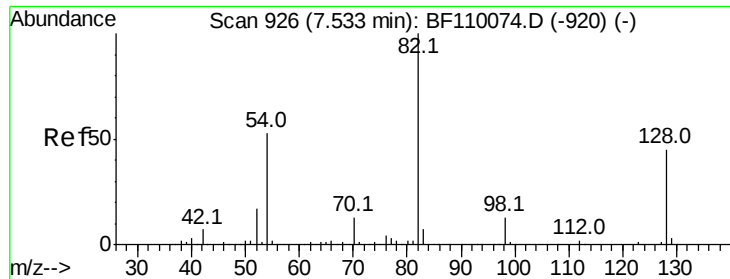
136 100

137 10.5 8.8 13.2

54 7.7 5.4 8.2

68 4.5 4.2 6.2

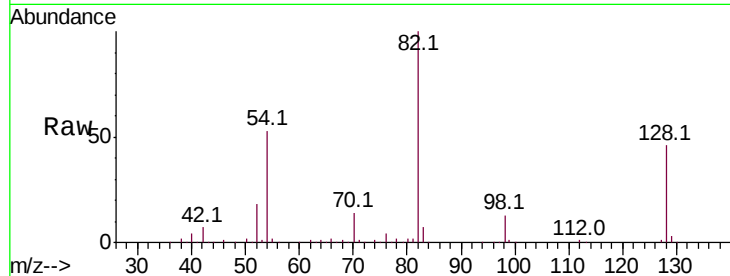




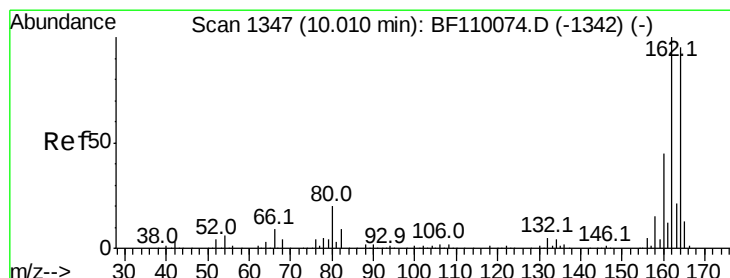
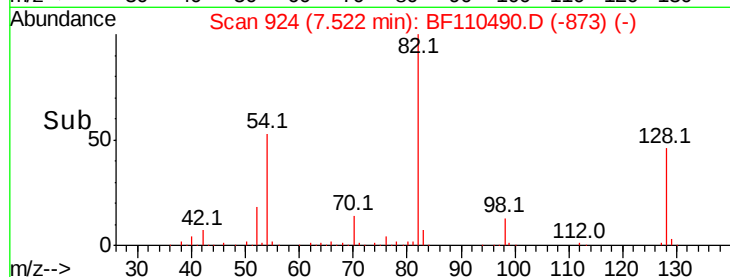
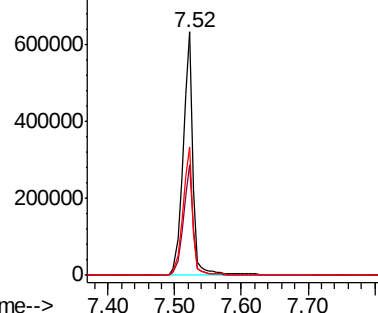
#23
Nitrobenzene-d5
Concen: 103.185 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110490.D
Acq: 6 Nov 2018 3:34

Instrument :
BNA_F
ClientSampleId :
110218-DBRI-E-D-M

Tot Ion: 82 Resp: 655079
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.2
54 52.6 38.6 58.0

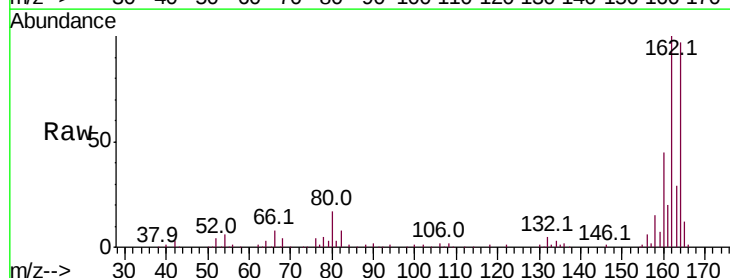


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

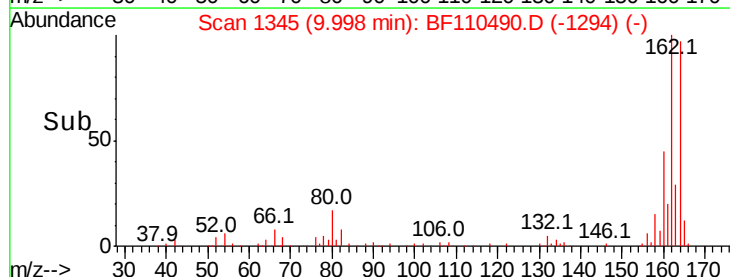
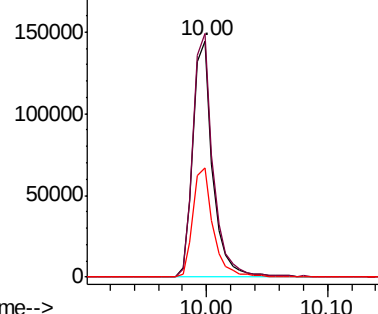


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110490.D
Acq: 6 Nov 2018 3:34

Tgt Ion:164 Resp: 163246
Ion Ratio Lower Upper
164 100
162 103.1 83.0 124.6
160 46.1 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

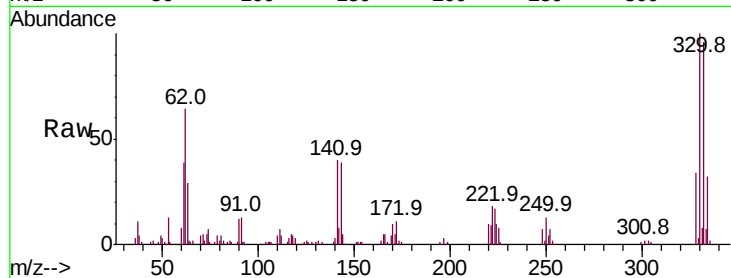




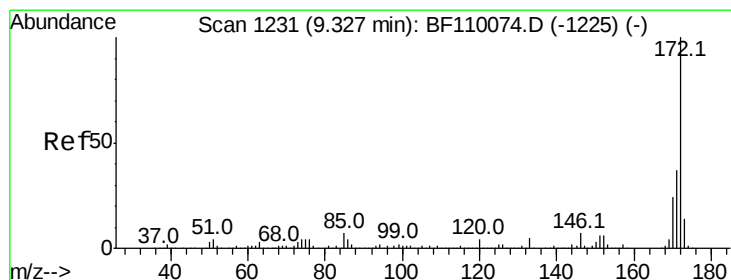
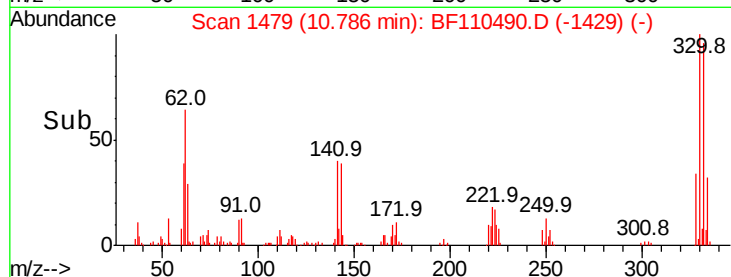
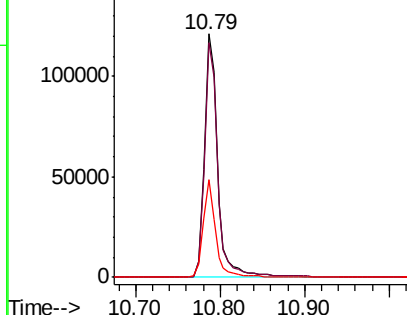
#42
 2,4,6-Tribromophenol
 Concen: 81.464 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110490.D
 Acq: 6 Nov 2018 3:34

Instrument :
 BNA_F
 ClientSampleId :
 110218-DBRI-E-D-M

Tot Ion:330 Resp: 131732
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 37.2 27.0 40.4

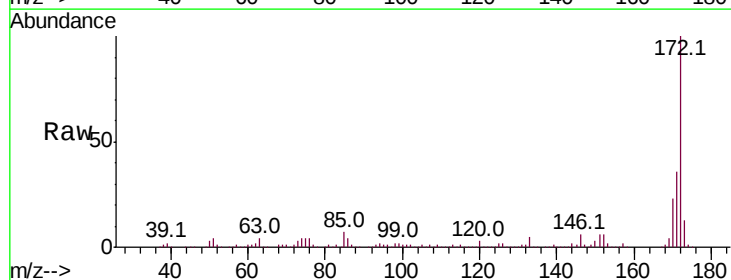


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

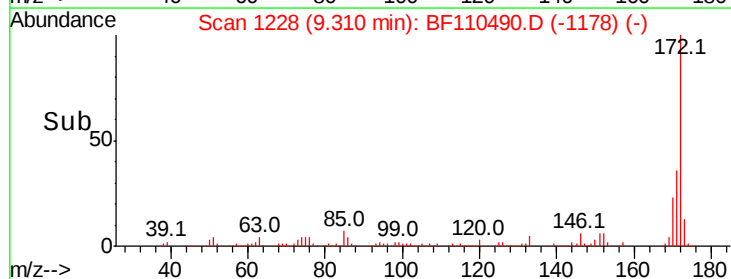
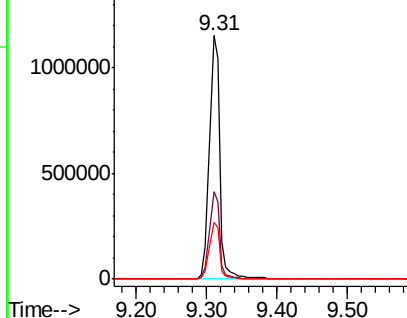


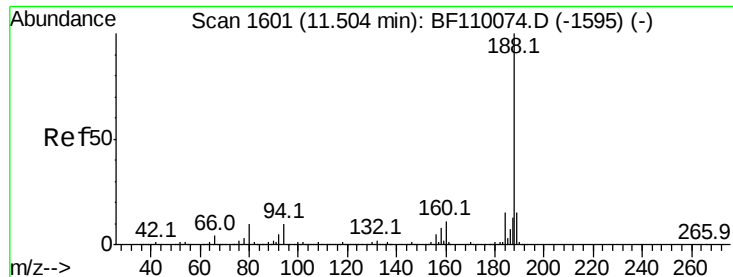
#45
 2-Fluorobiphenyl
 Concen: 113.778 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110490.D
 Acq: 6 Nov 2018 3:34

Tgt Ion:172 Resp: 1182846
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.4 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# 1598

Delta R.T. -0.01 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-M

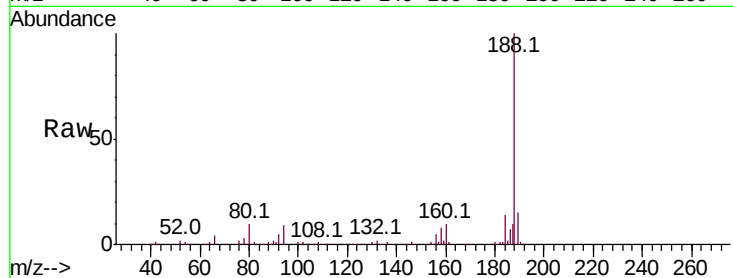
Tot Ion:188 Resp: 255388

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

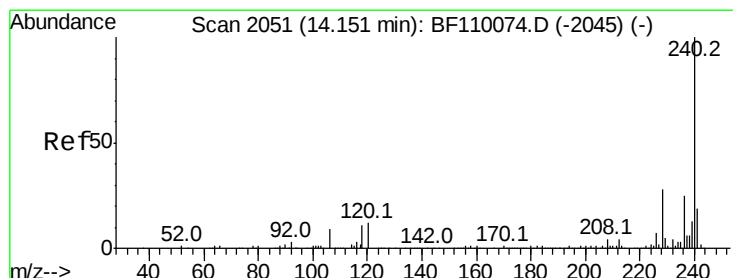
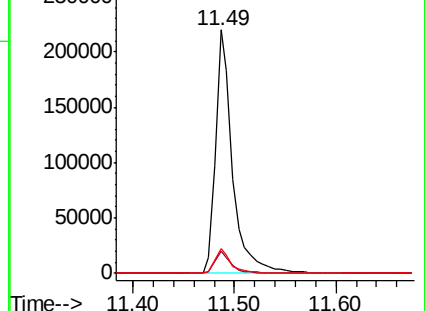
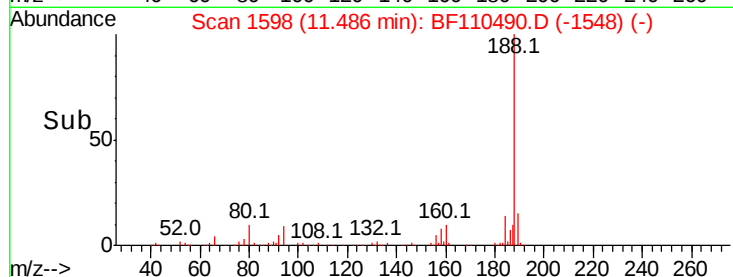
80 9.9 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

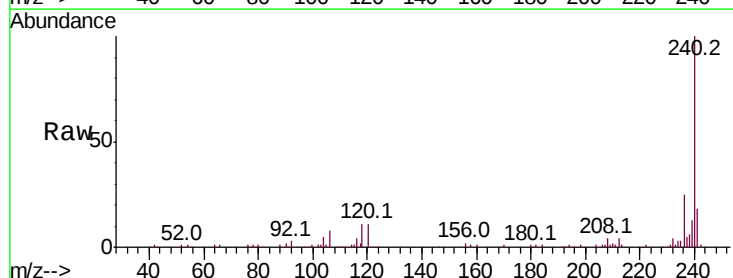
Tgt Ion:240 Resp: 174613

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

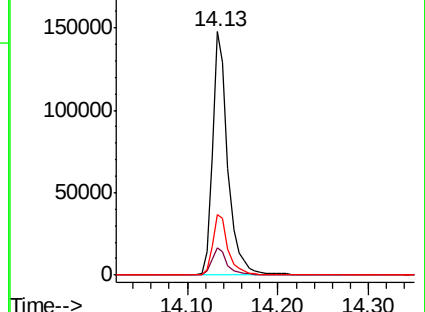
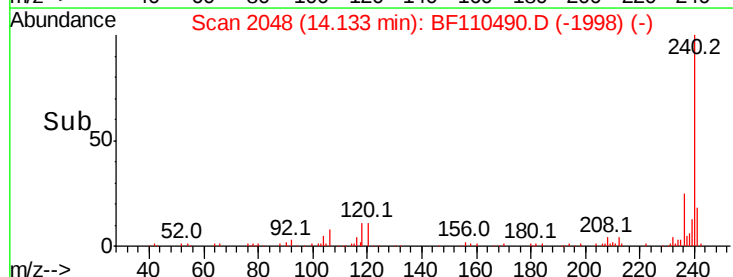
236 25.0 21.2 31.8



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: 98.426 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

Instrument :

BNA_F

ClientSampleId :

110218-DBRI-E-D-M

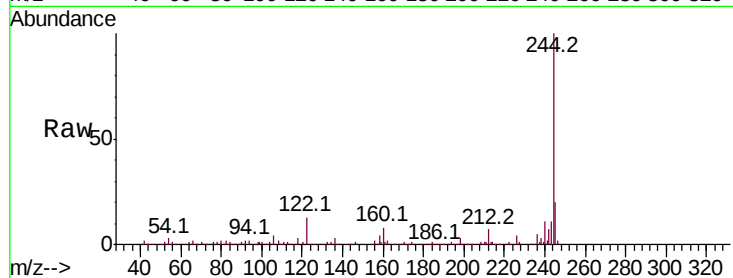
Tot Ion:244 Resp: 826390

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

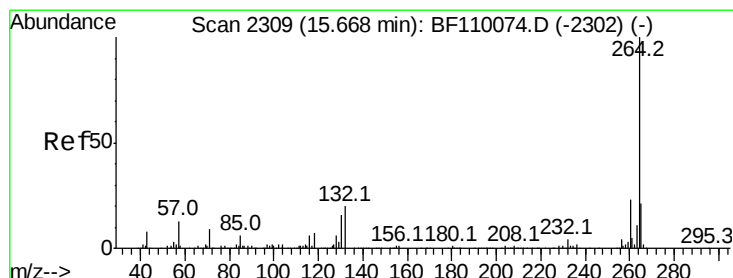
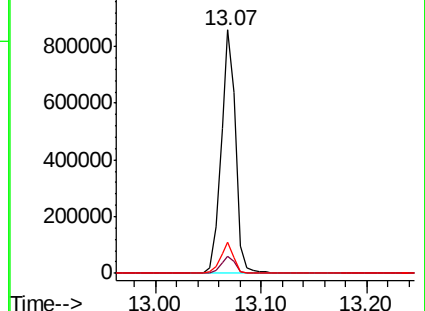
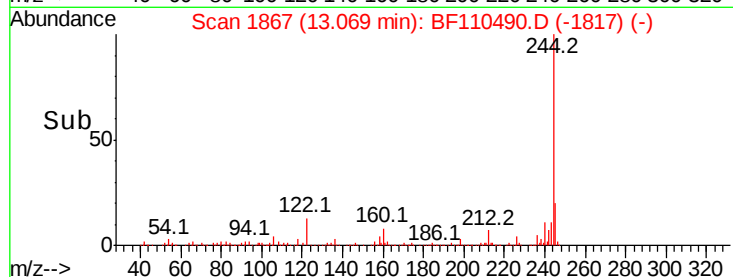
122 12.8 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110490.D

Acq: 6 Nov 2018 3:34

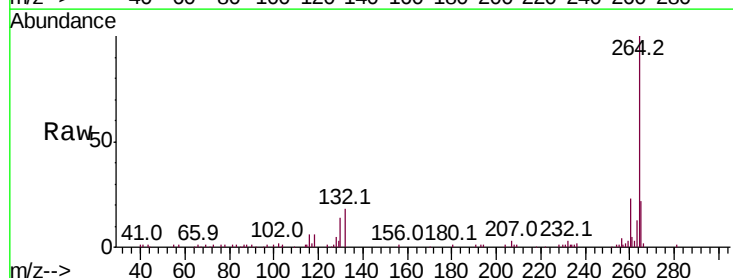
Tgt Ion:264 Resp: 130607

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.5 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

