

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110545.D
 Acq On : 7 Nov 2018 6:12
 Operator : JU/SJ
 Sample : J5808-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110118-SIDI-E-D-B

Quant Time: Nov 07 13:48:15 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	76140	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	267795	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	101580	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	187331	20.00	ng	0.00
76) Chrysene-d12	14.14	240	129821	20.00	ng	0.00
87) Perylene-d12	15.67	264	94895	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	168296	35.99	ng	0.00
7) Phenol-d6	6.57	99	129882	21.72	ng	0.00
23) Nitrobenzene-d5	7.52	82	393683	87.20	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	75013	74.55	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	675165	104.37	ng	0.00
79) Terphenyl-d14	13.07	244	614570	98.45	ng	0.00

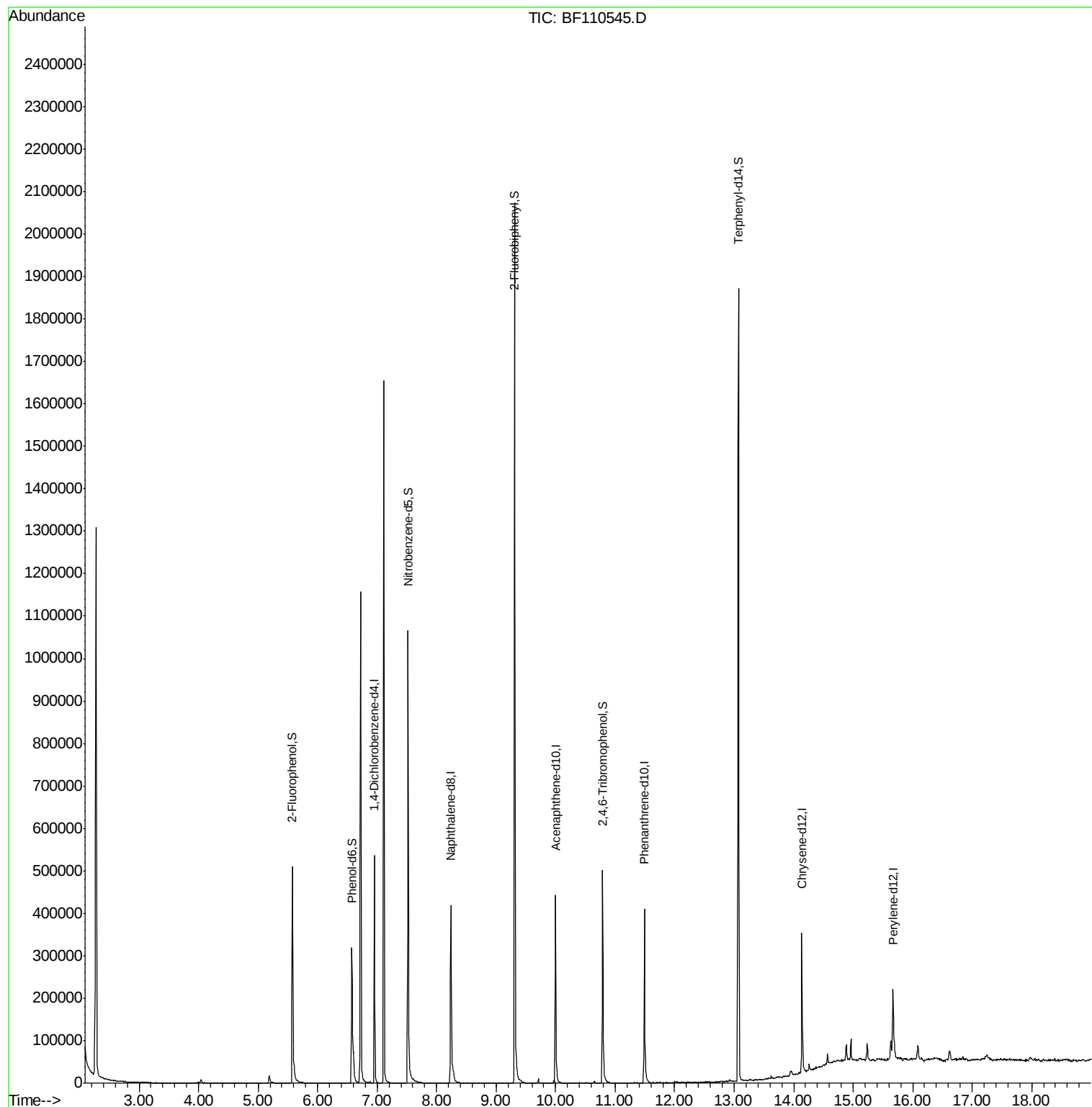
Target Compounds Qvalue

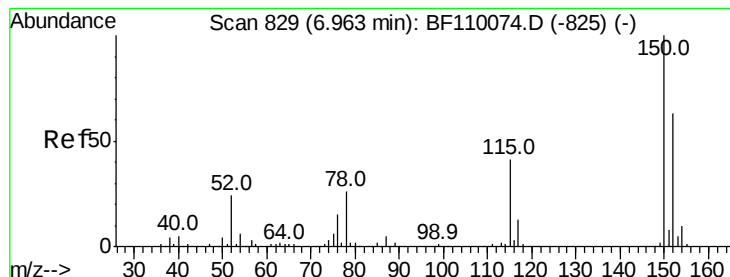
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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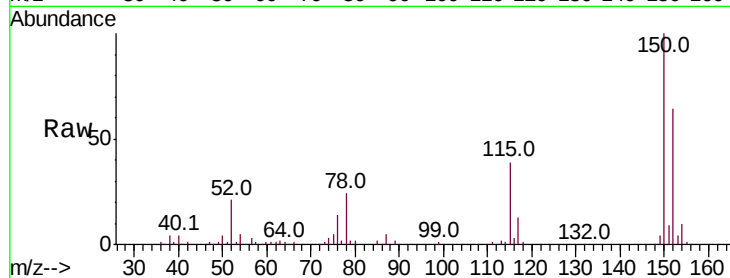


#1

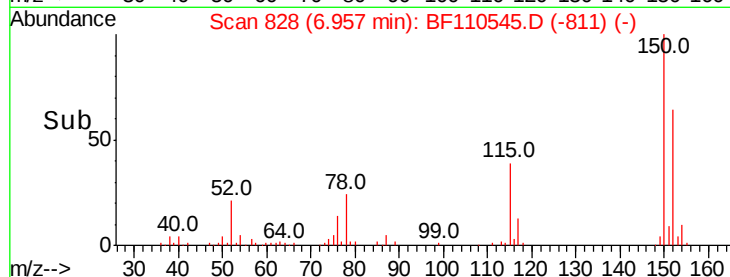
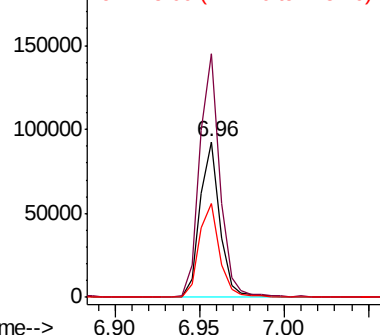
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110545.D
Acq: 7 Nov 2018 6:12

Instrument :
BNA_F
ClientSampleId :
110118-SIDI-E-D-B

Tot Ion:152 Resp: 76140
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.5 49.1 73.7



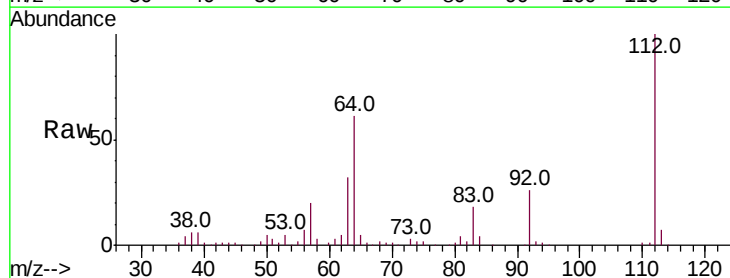
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



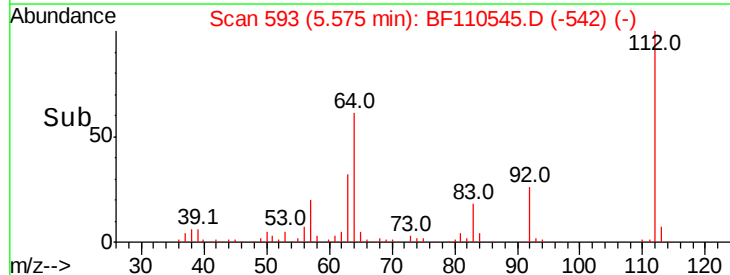
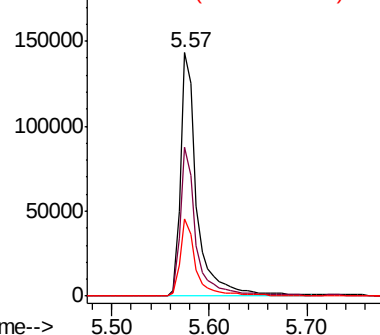
#5

2-Fluorophenol
Concen: 35.994 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110545.D
Acq: 7 Nov 2018 6:12

Tgt Ion:112 Resp: 168296
Ion Ratio Lower Upper
112 100
64 61.1 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: 21.718 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

110118-SIDI-E-D-B

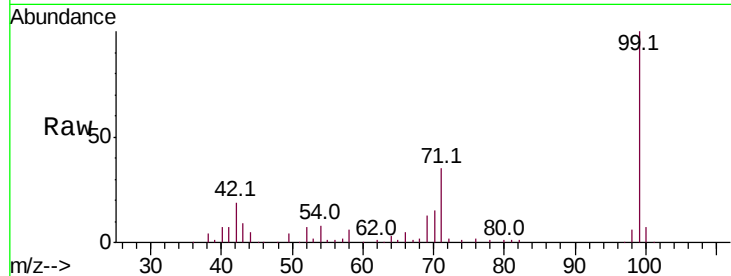
Tot Ion: 99 Resp: 129882

Ion Ratio Lower Upper

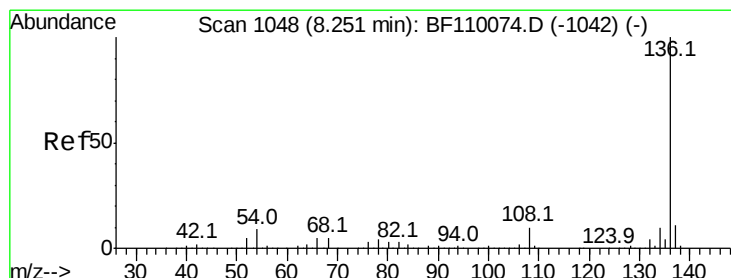
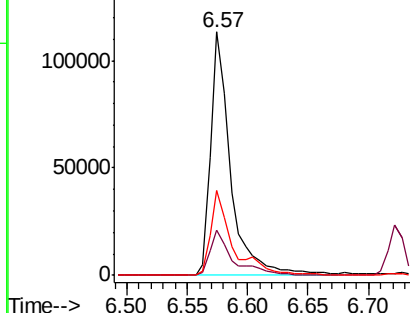
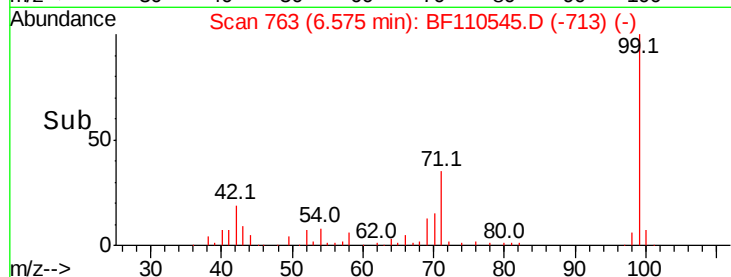
99 100

42 18.6 15.8 23.6

71 34.8 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: BF110545.D

Acq: 7 Nov 2018 6:12

Tgt Ion: 136 Resp: 267795

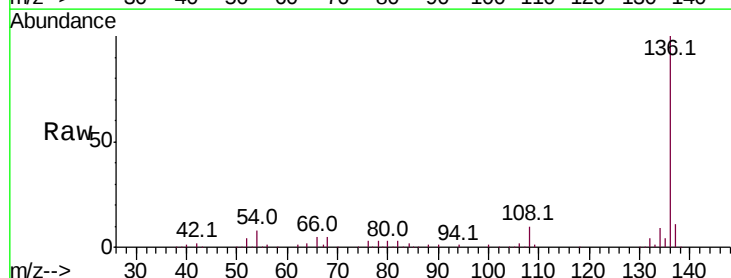
Ion Ratio Lower Upper

136 100

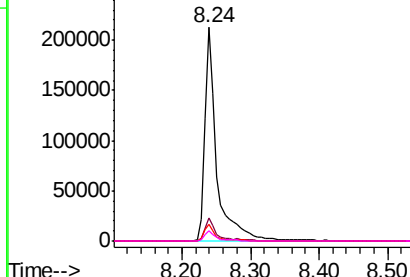
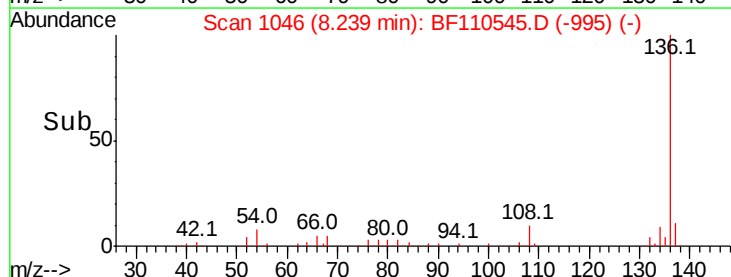
137 10.8 8.8 13.2

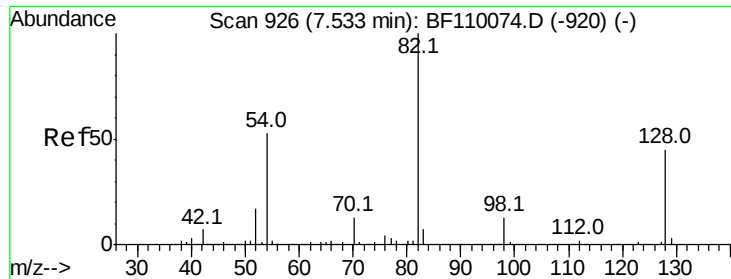
54 7.9 5.4 8.2

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: 87.196 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

110118-SIDI-E-D-B

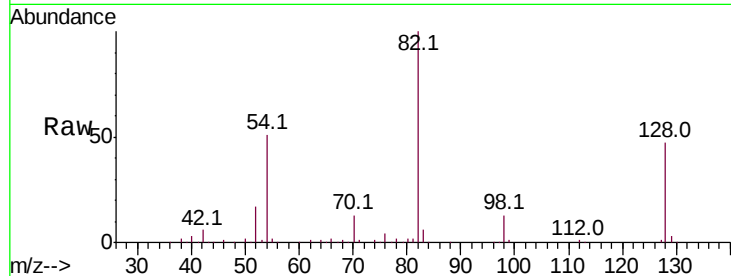
Tot Ion: 82 Resp: 393683

Ion Ratio Lower Upper

82 100

128 47.1 34.2 51.2

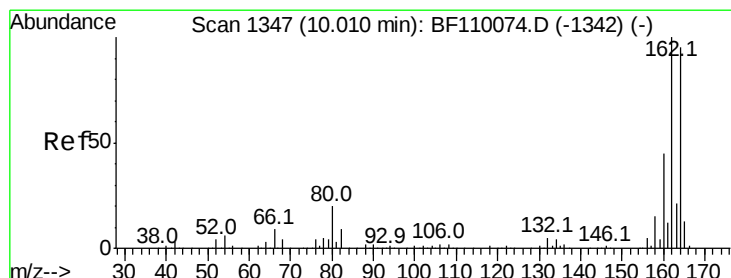
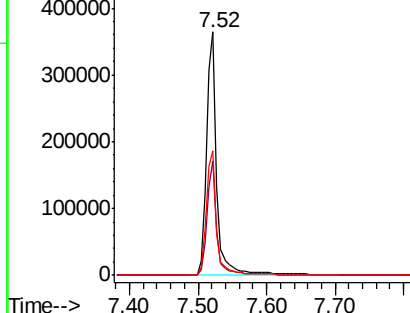
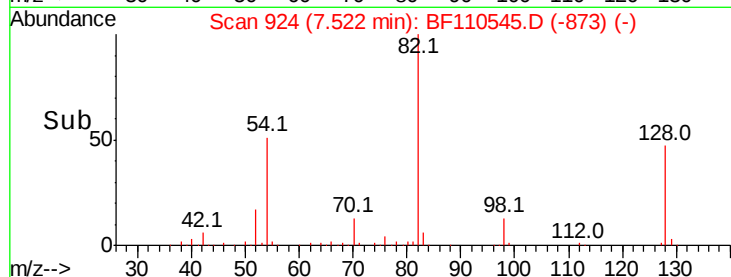
54 51.4 38.6 58.0



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

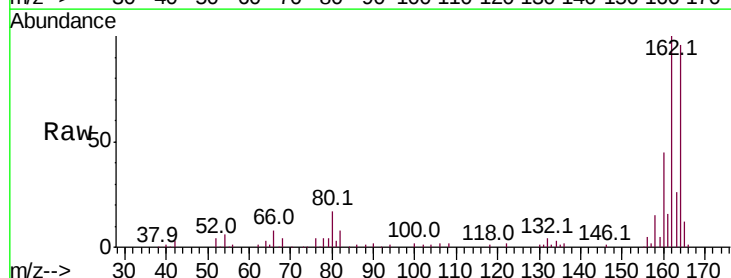
Tgt Ion:164 Resp: 101580

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

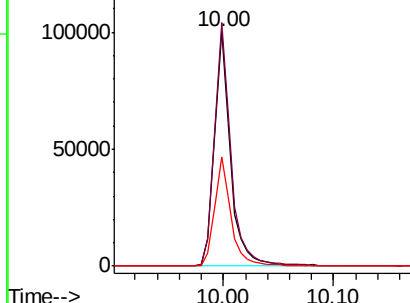
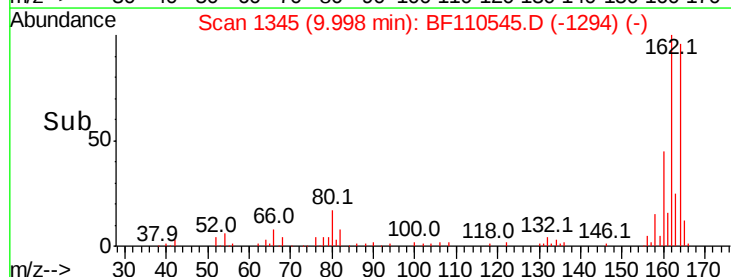
160 46.8 37.0 55.6

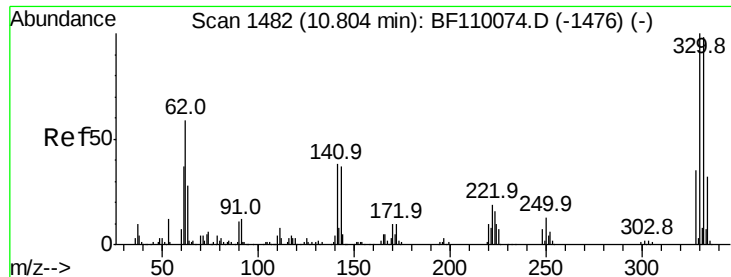


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

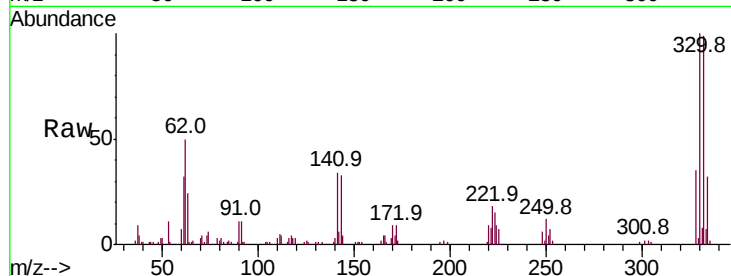




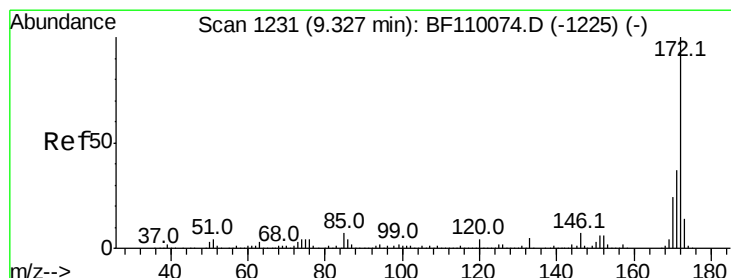
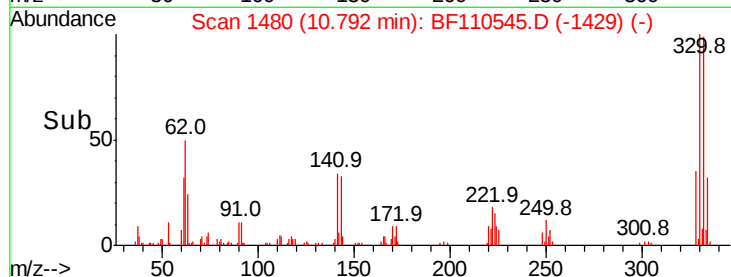
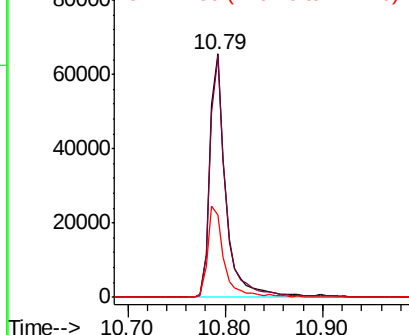
#42
 2,4,6-Tribromophenol
 Concen: 74.550 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110545.D
 Acq: 7 Nov 2018 6:12

Instrument :
 BNA_F
 ClientSampleId :
 110118-SIDI-E-D-B

Tot Ion:330 Resp: 75013
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.1 115.7
 141 38.0 27.0 40.4

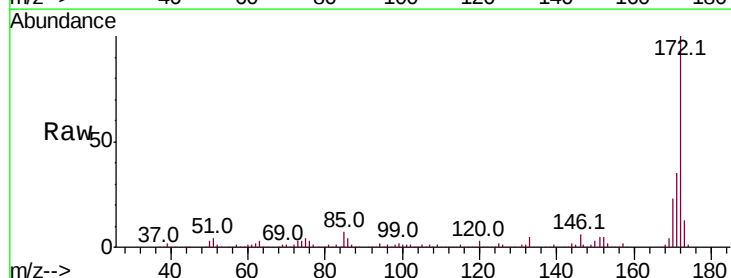


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

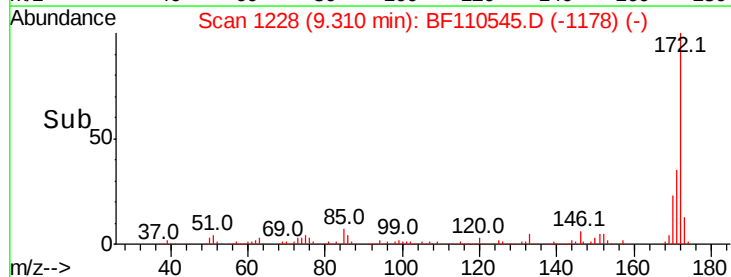
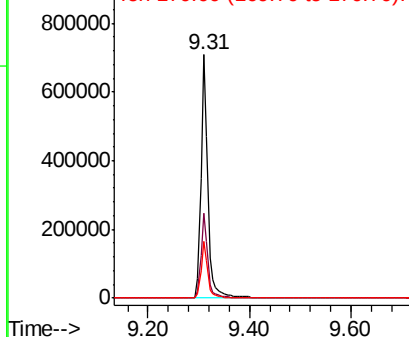


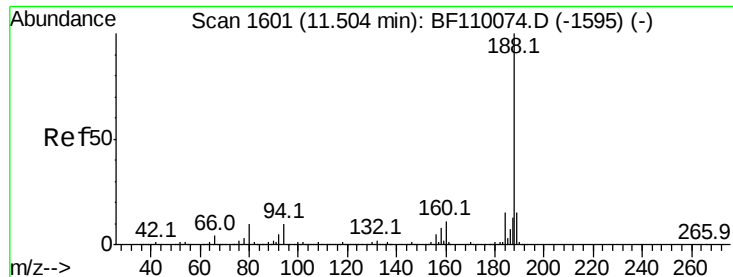
#45
 2-Fluorobiphenyl
 Concen: 104.369 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110545.D
 Acq: 7 Nov 2018 6:12

Tgt Ion:172 Resp: 675165
 Ion Ratio Lower Upper
 172 100
 171 35.0 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# 1599

Delta R.T. 0.00 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

110118-SIDI-E-D-B

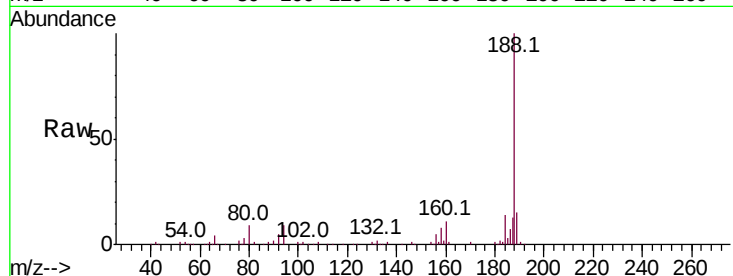
Tot Ion:188 Resp: 187331

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

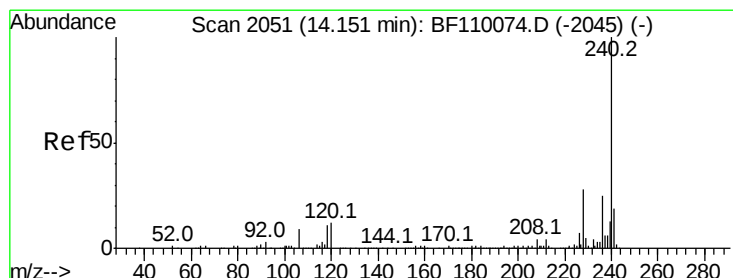
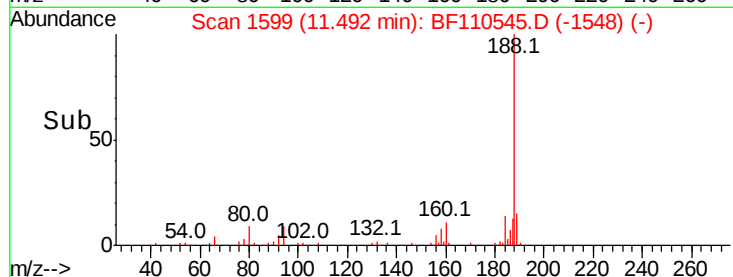
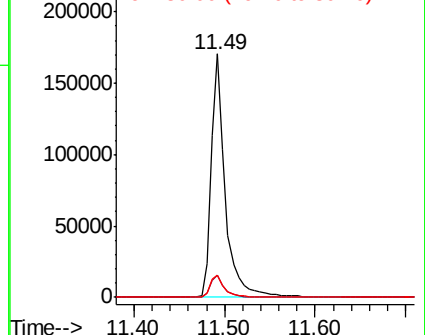
80 9.3 7.9 11.9



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: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

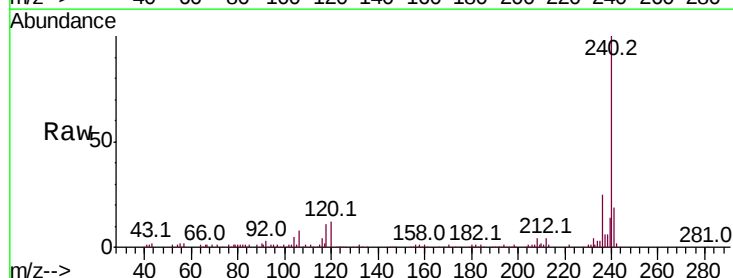
Tgt Ion:240 Resp: 129821

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

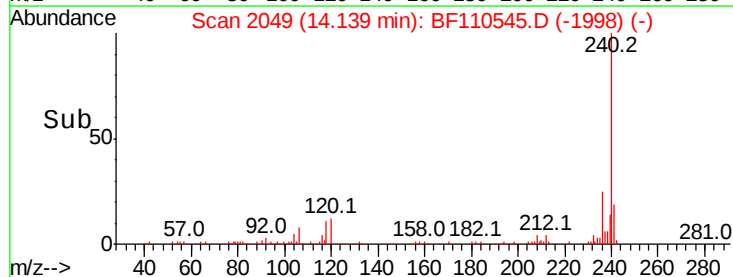
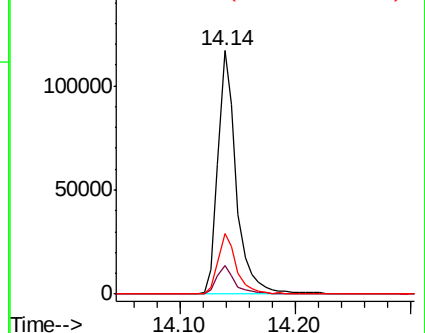
236 24.7 21.2 31.8



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: 98.453 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110545.D

Acq: 7 Nov 2018 6:12

Instrument :

BNA_F

ClientSampleId :

110118-SIDI-E-D-B

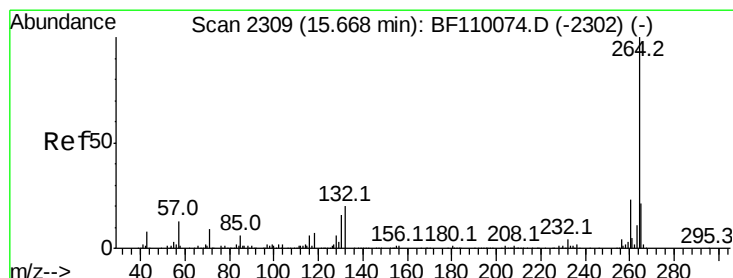
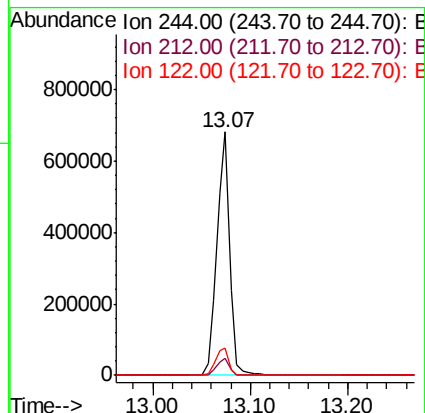
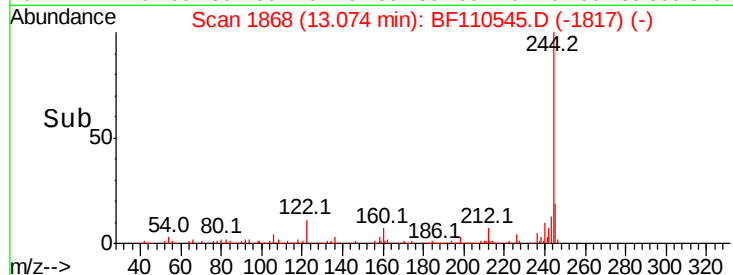
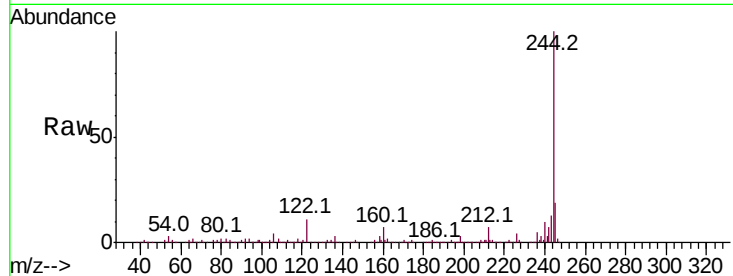
Tot Ion:244 Resp: 614570

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.2 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: BF110545.D

Acq: 7 Nov 2018 6:12

Tgt Ion:264 Resp: 94895

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 23.1 16.7 25.1

