

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104180.D
 Acq On : 3 Apr 2018 14:23
 Operator : JU/SJ
 Sample : J2114-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032718-SIDI-E-D-B

Quant Time: Apr 03 15:39:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

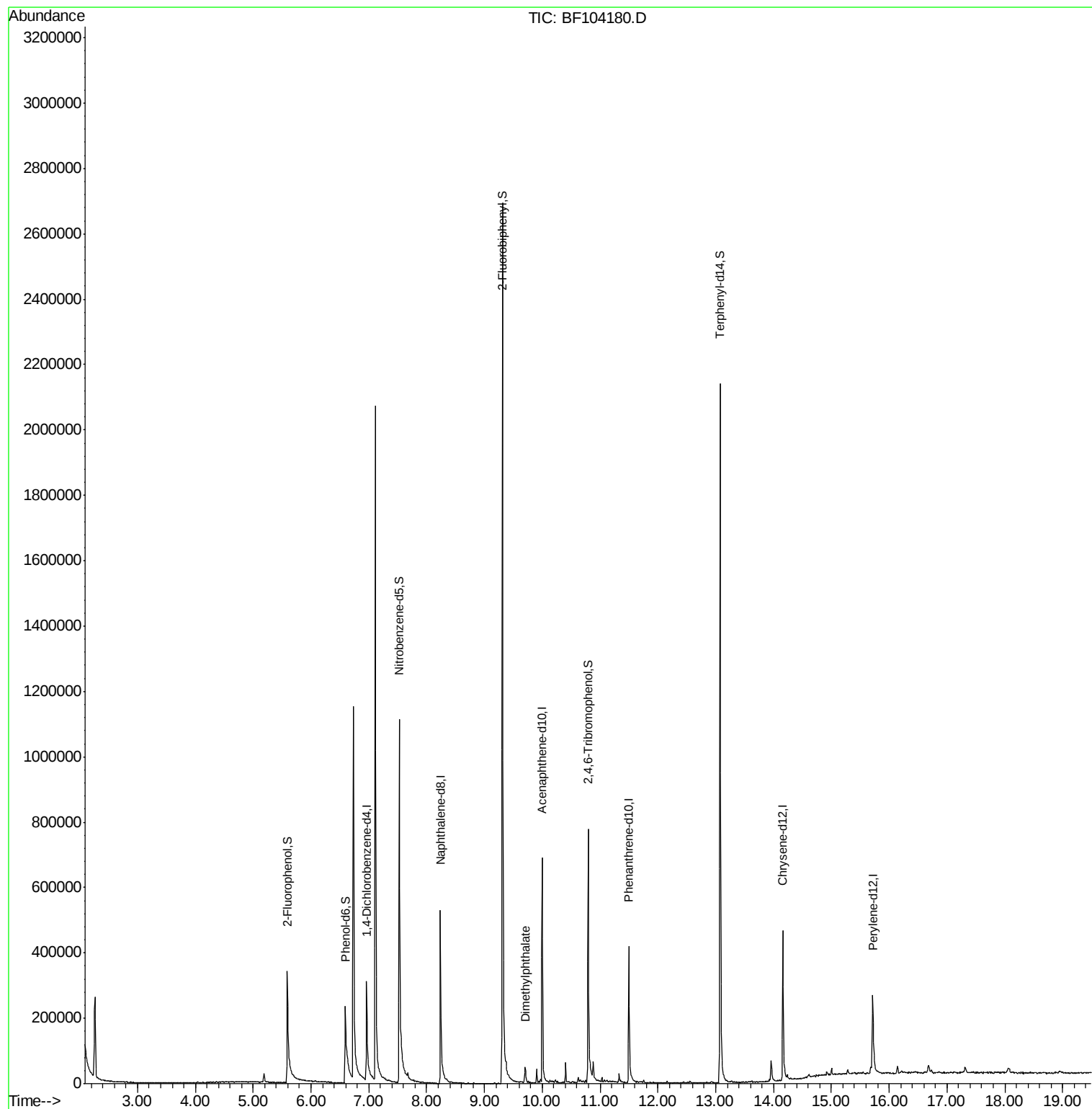
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92317	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	381009	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	158896	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	236046	20.00	ng	0.00
75) Chrysene-d12	14.16	240	220751	20.00	ng	0.00
86) Perylene-d12	15.72	264	160979	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	227581	39.31	ng	0.00
7) Phenol-d6	6.59	99	232125	32.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	614669	98.66	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	135765	76.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1124380	111.59	ng	0.00
78) Terphenyl-d14	13.08	244	861125	90.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	27450	2.188	ng	98

(#) = 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# 829

Delta R.T. -0.00 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

032718-SIDI-E-D-B

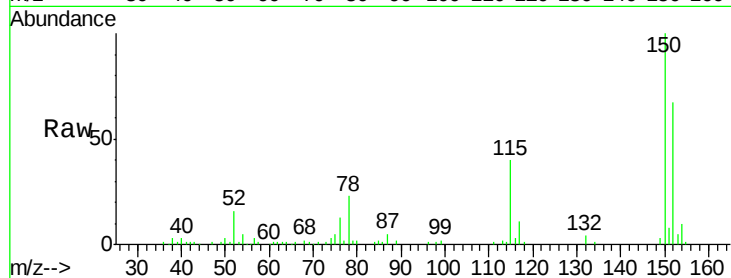
Tot Ion:152 Resp: 92317

Ion Ratio Lower Upper

152 100

150 149.3 124.6 186.8

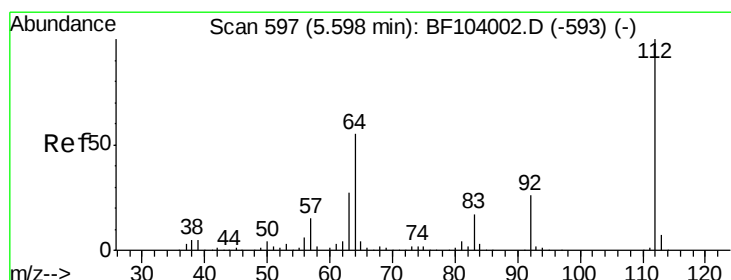
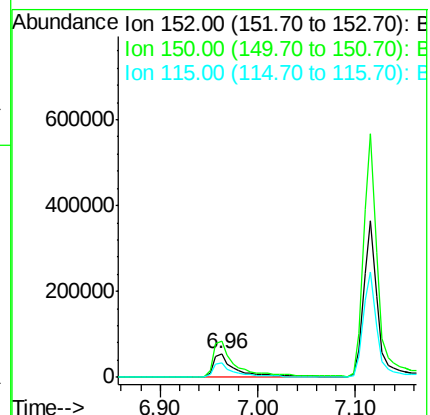
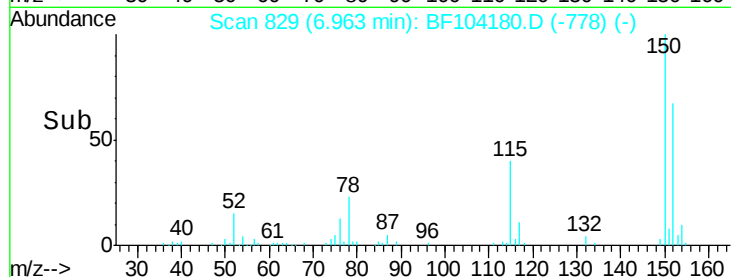
115 60.4 50.1 75.1



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: 39.314 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

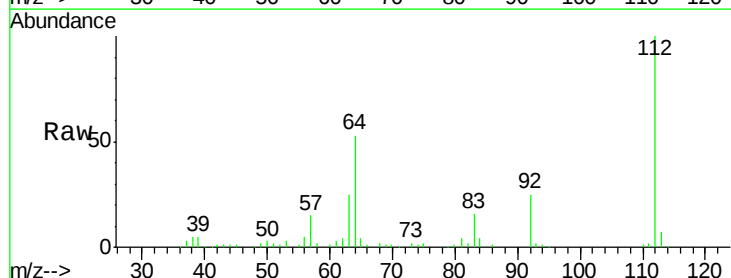
Tgt Ion:112 Resp: 227581

Ion Ratio Lower Upper

112 100

64 52.6 47.9 71.9

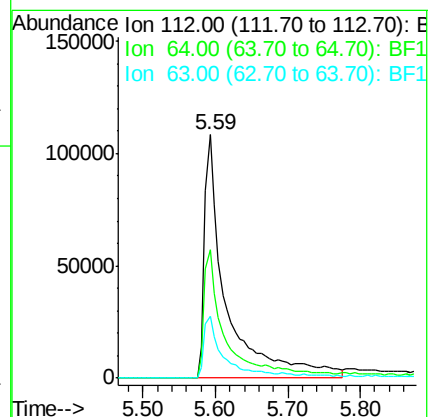
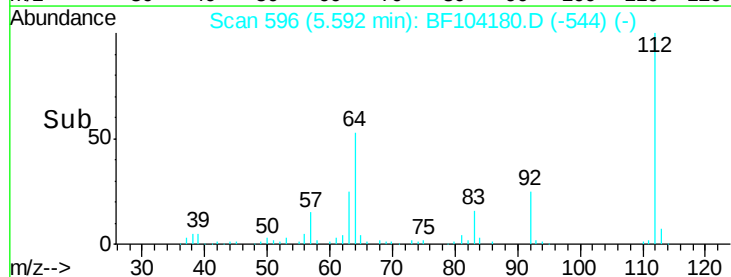
63 25.4 23.7 35.5

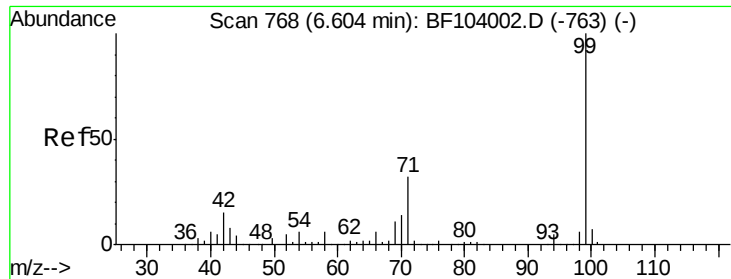


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.593 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

032718-SIDI-E-D-B

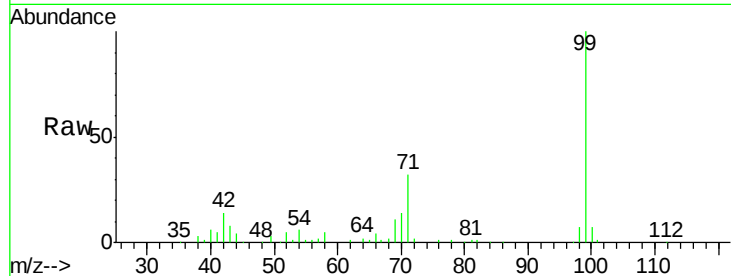
Tot Ion: 99 Resp: 232125

Ion Ratio Lower Upper

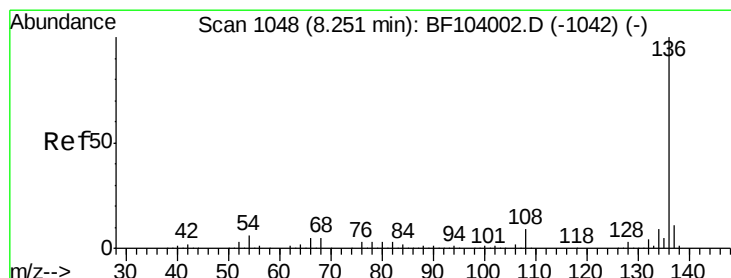
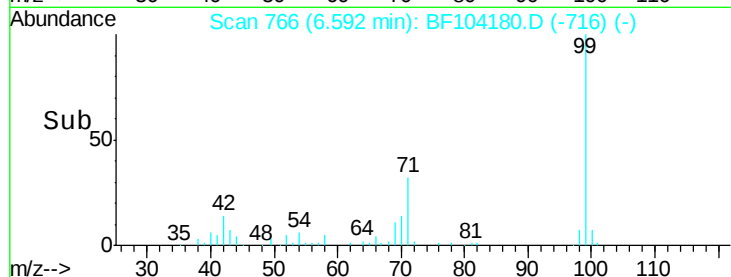
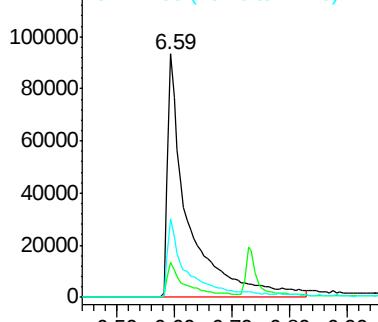
99 100

42 14.5 14.5 21.7#

71 32.4 25.4 38.0



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. -0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Tgt Ion: 136 Resp: 381009

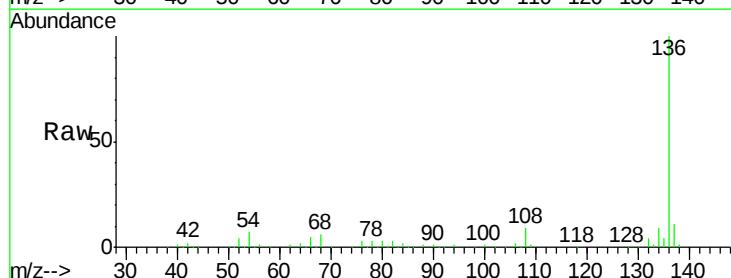
Ion Ratio Lower Upper

136 100

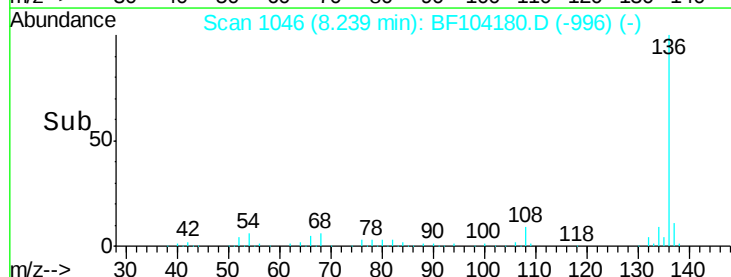
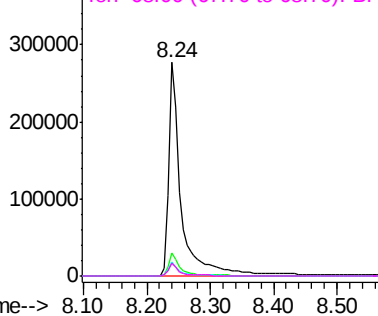
137 10.7 8.9 13.3

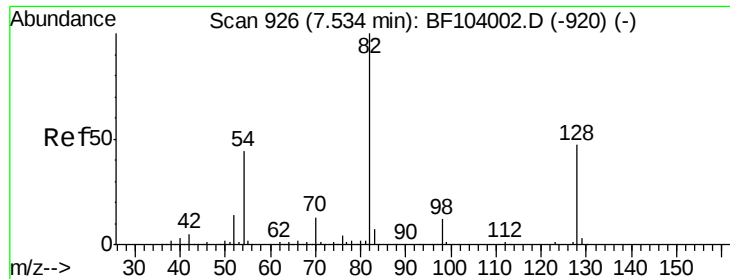
54 6.5 6.6 9.8#

68 5.9 5.0 7.4



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

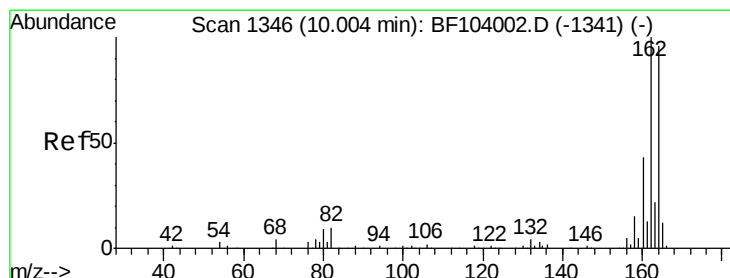
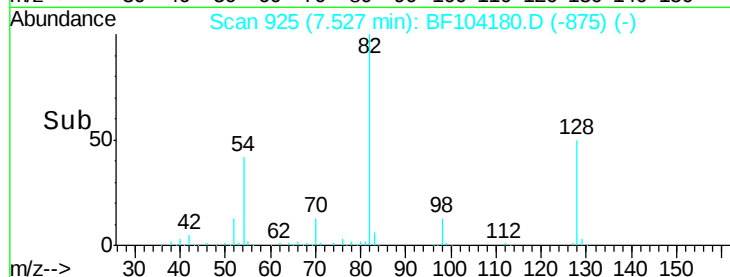
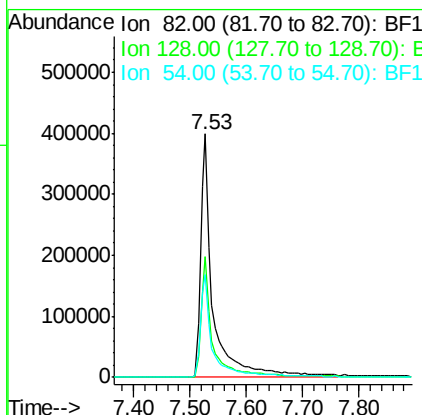
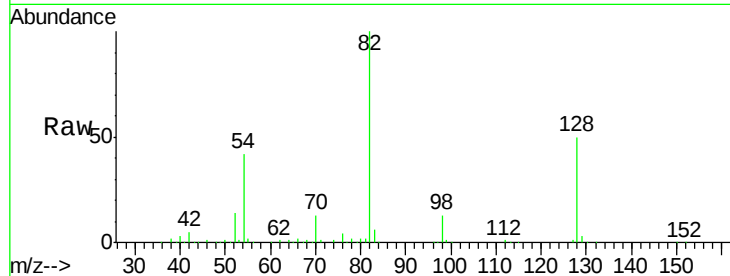




#23
 Nitrobenzene-d5
 Concen: 98.660 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

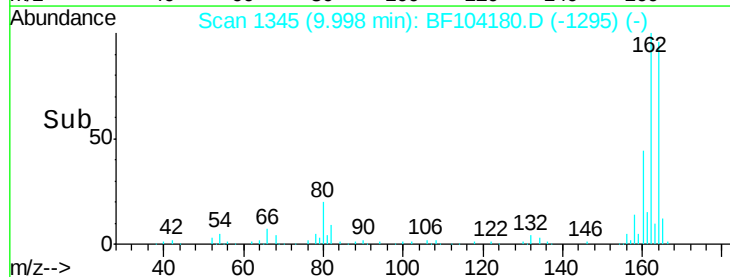
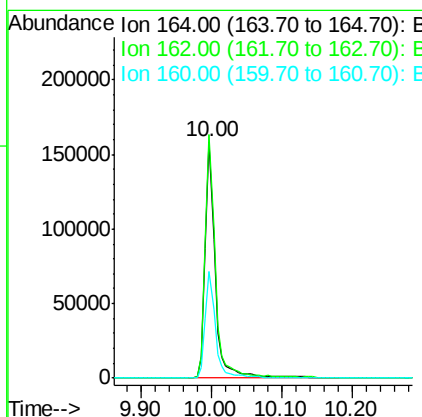
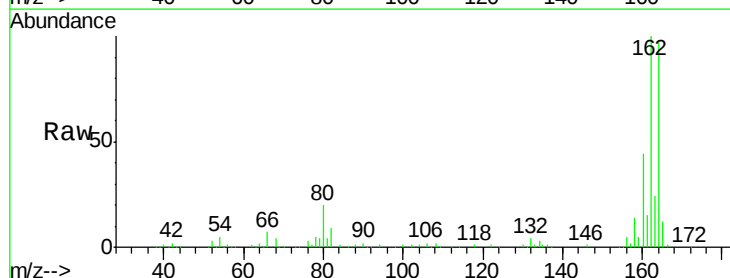
Instrument :
 BNA_F
 ClientSampleId :
 032718-SIDI-E-D-B

Tot Ion: 82 Resp: 614669
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 42.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Tgt Ion: 164 Resp: 158896
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.9 38.3 57.5

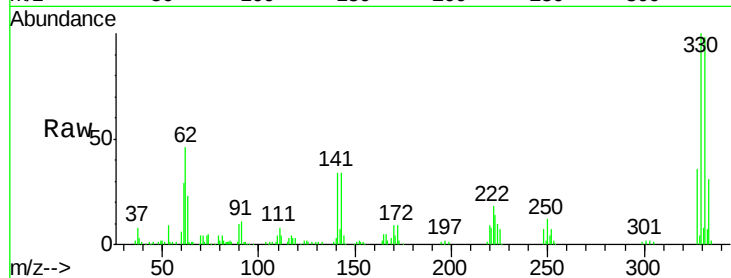




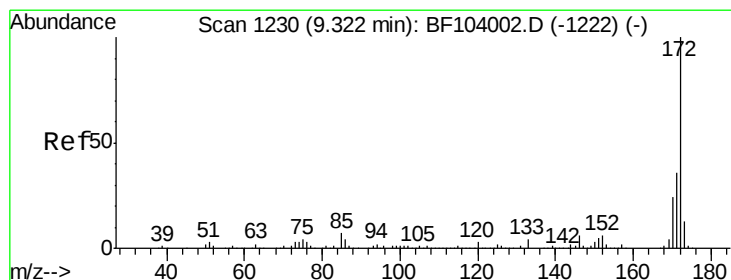
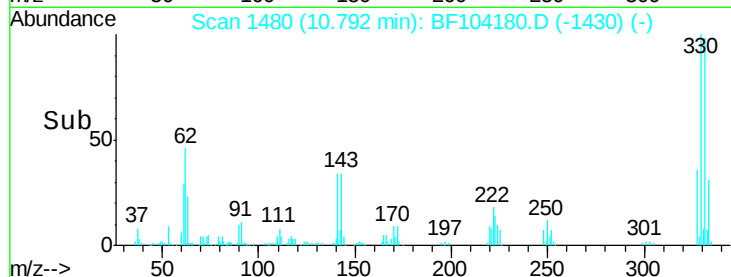
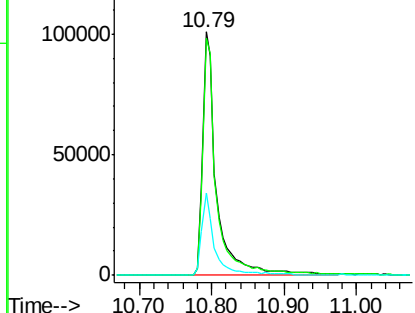
#41
 2,4,6-Tribromophenol
 Concen: 76.733 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 032718-SIDI-E-D-B

Tot Ion:330 Resp: 135765
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 31.8 29.9 44.9

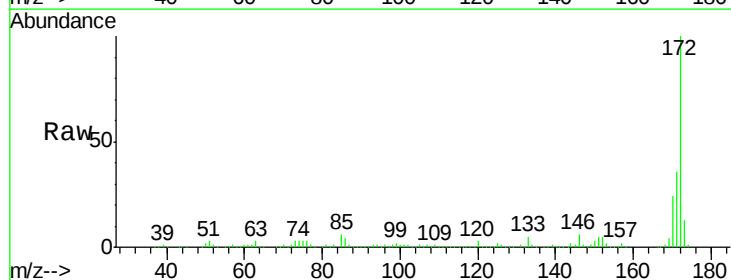


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

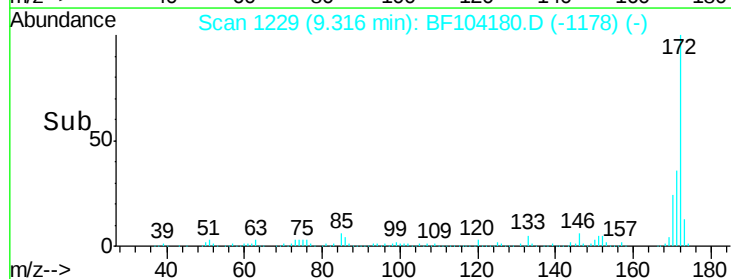
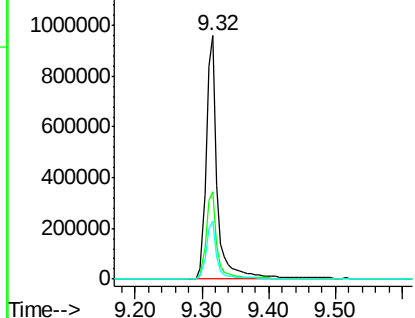


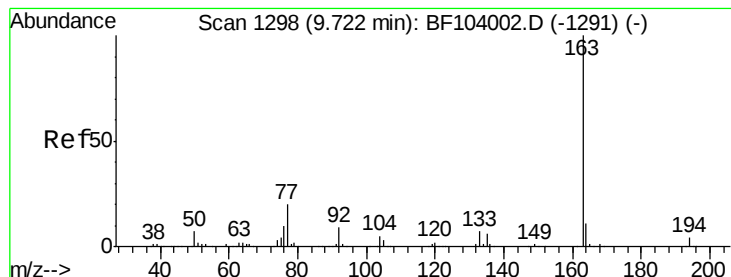
#44
 2-Fluorobiphenyl
 Concen: 111.586 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Tgt Ion:172 Resp: 1124380
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 19.6 29.4



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





#49

Dimethylphthalate

Concen: 2.188 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

032718-SIDI-E-D-B

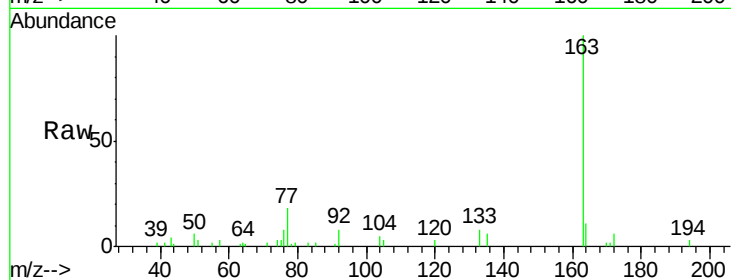
Tot Ion:163 Resp: 27450

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

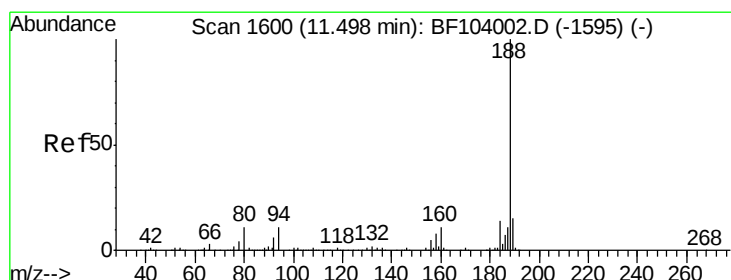
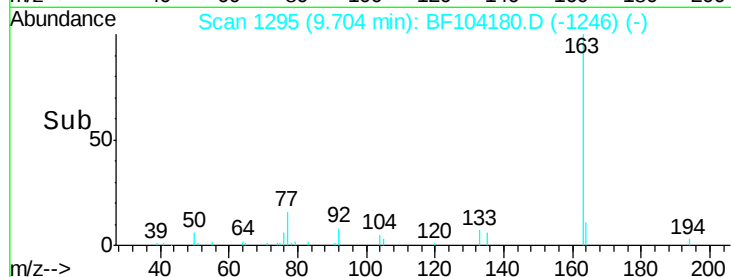
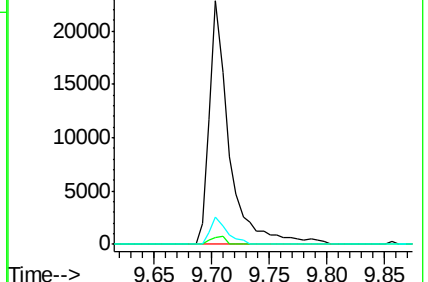
164 11.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

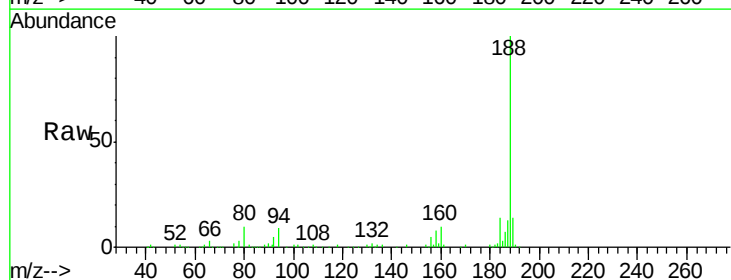
Tgt Ion:188 Resp: 236046

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

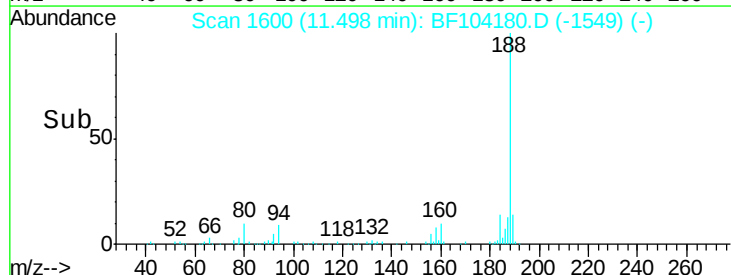
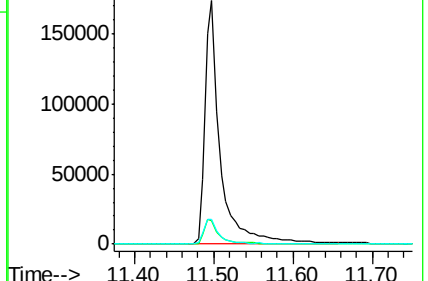
80 10.1 9.2 13.8

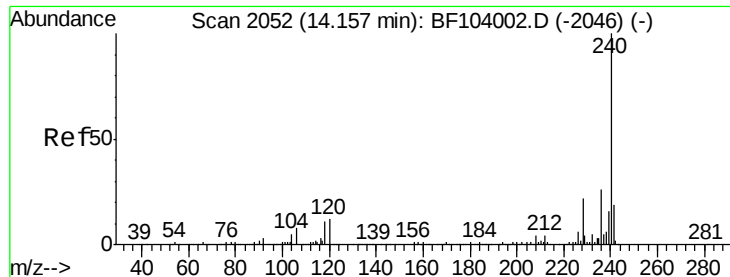


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

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ClientSampleId :

032718-SIDI-E-D-B

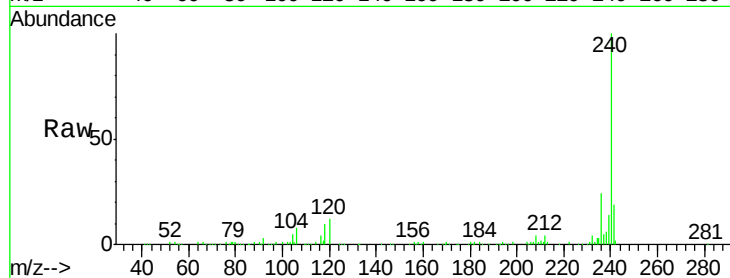
Tot Ion:240 Resp: 220751

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

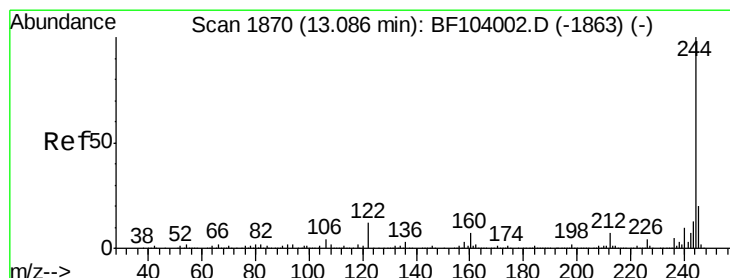
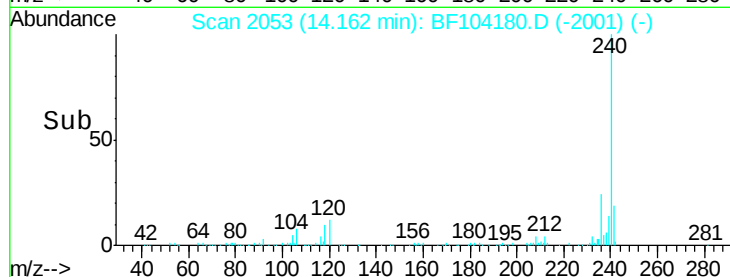
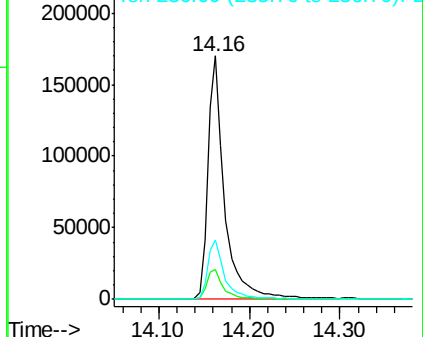
236 24.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 90.070 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

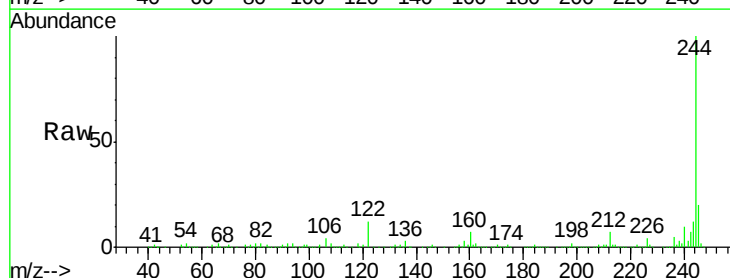
Tgt Ion:244 Resp: 861125

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

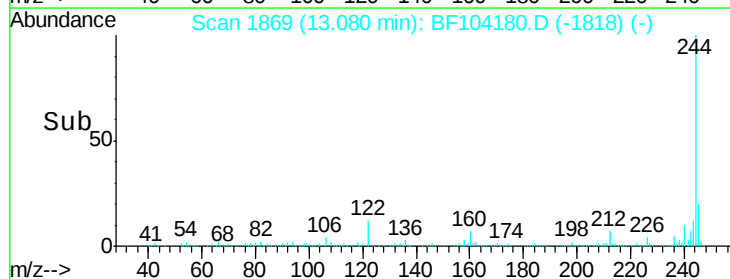
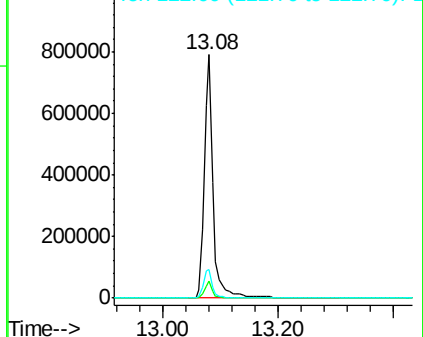
122 11.7 11.0 16.4

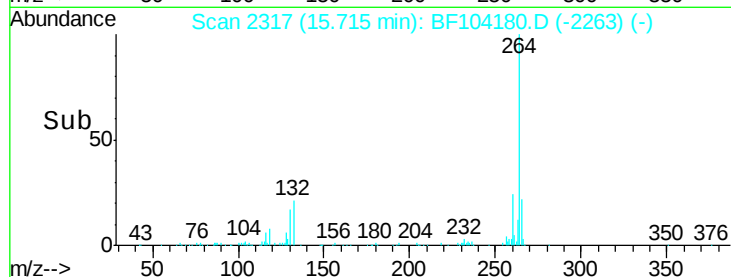
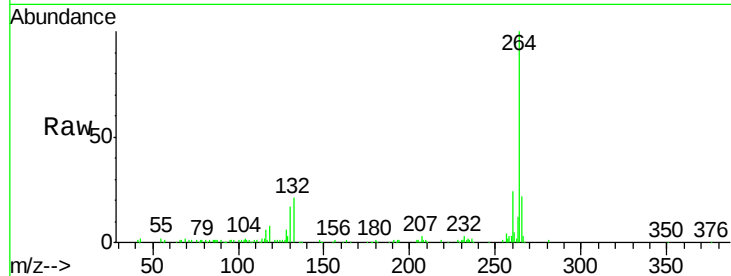
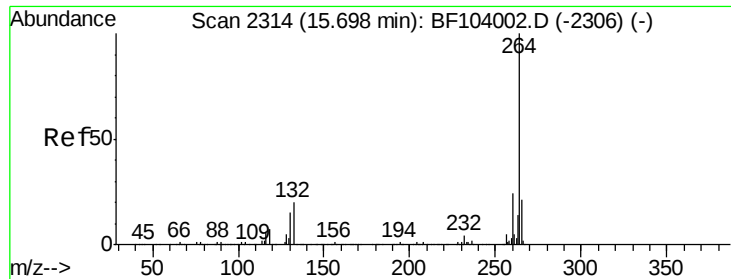


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2317

Delta R.T. 0.02 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

032718-SIDI-E-D-B

Tot Ion:264 Resp: 160979

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 17.5 26.3

