

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104280.D
 Acq On : 5 Apr 2018 20:08
 Operator : JU/SJ
 Sample : J2183-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-BOTTOM@5.5

Quant Time: Apr 06 01:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

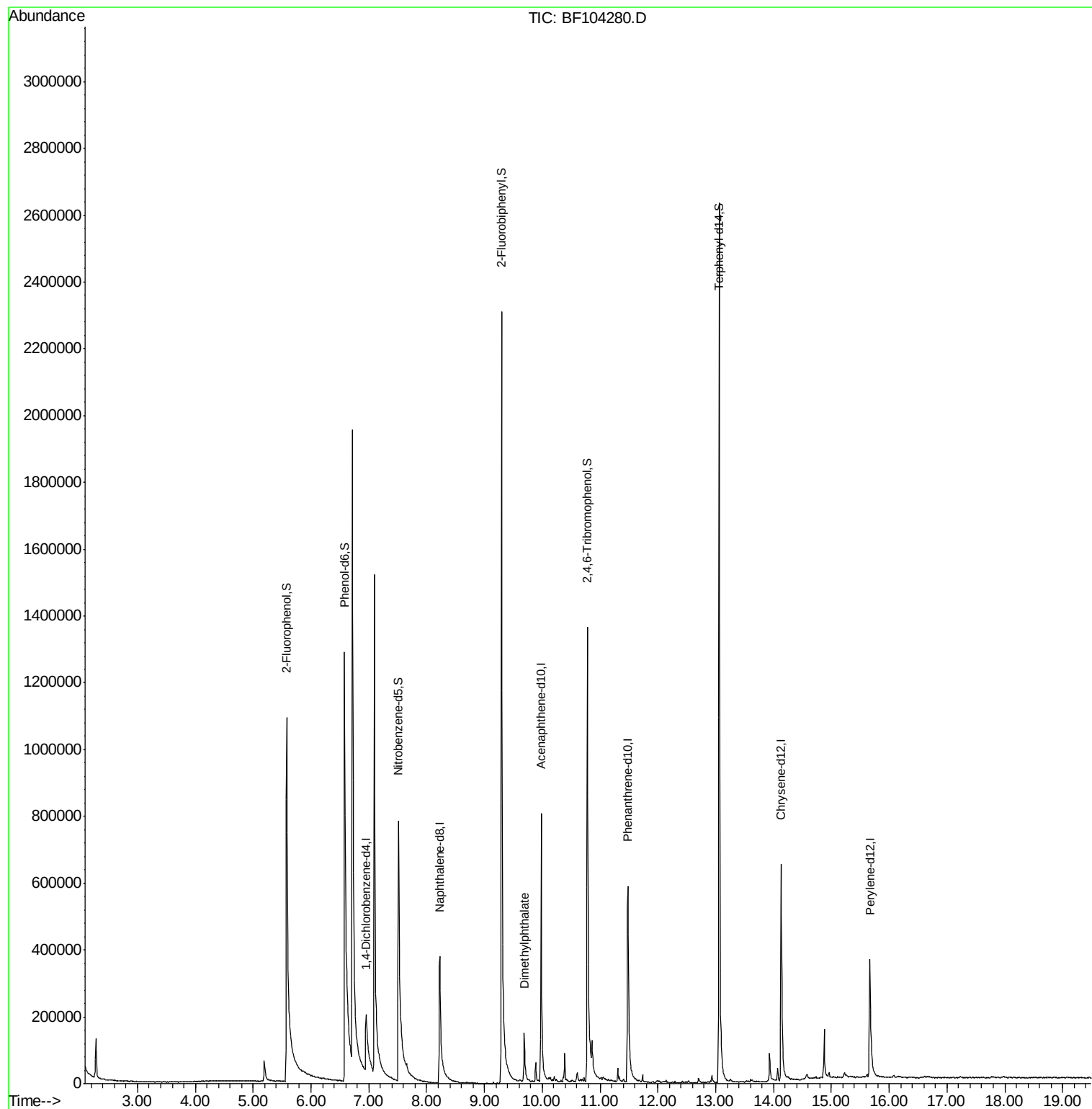
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101876	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	481447	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	228121	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	431157	20.00	ng	0.00
75) Chrysene-d12	14.13	240	356171	20.00	ng	-0.01
86) Perylene-d12	15.67	264	274877	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	857921	134.30	ng	-0.01
7) Phenol-d6	6.58	99	1096015	139.45	ng	-0.02
23) Nitrobenzene-d5	7.51	82	723449	91.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	328594	129.36	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1251427	86.51	ng	0.00
78) Terphenyl-d14	13.06	244	1241858	80.51	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	117351	6.516	ng	100

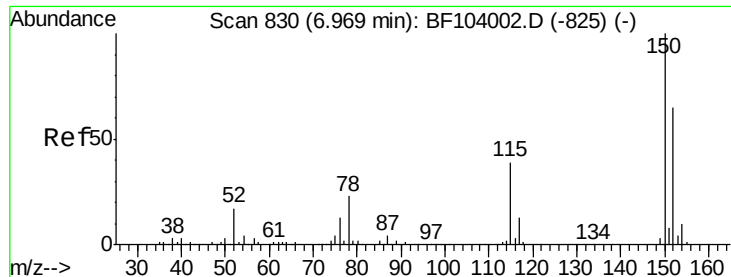
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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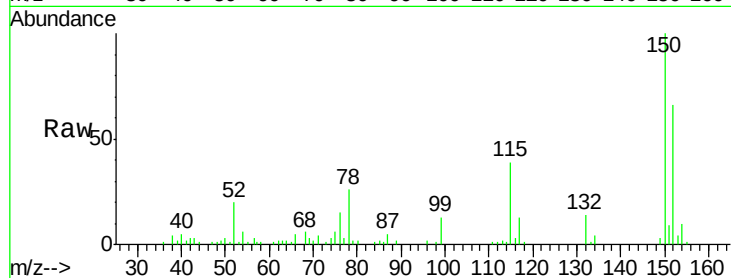


#1

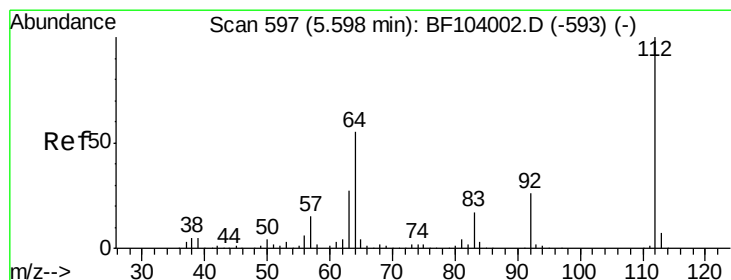
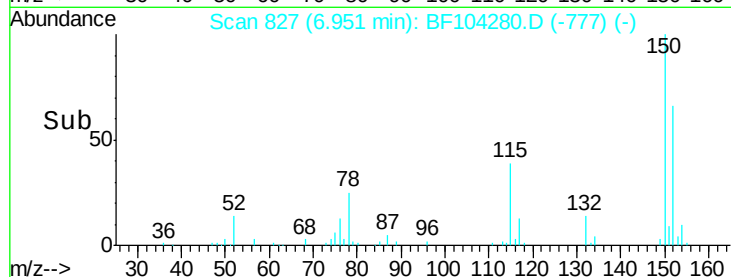
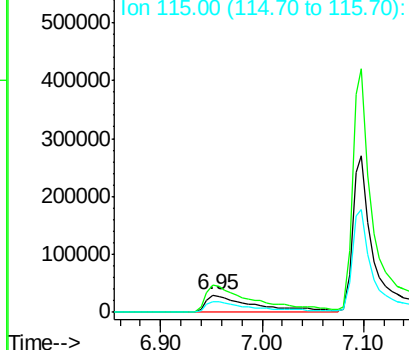
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Instrument :
BNA_F
ClientSampleId :
ES-4-DWS-BOTTOM@5.5

Tot Ion:152 Resp: 101876
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 58.8 50.1 75.1



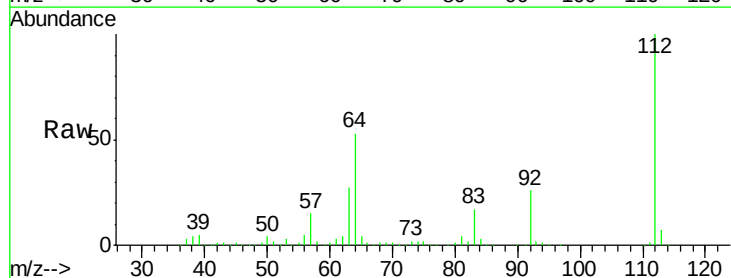
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



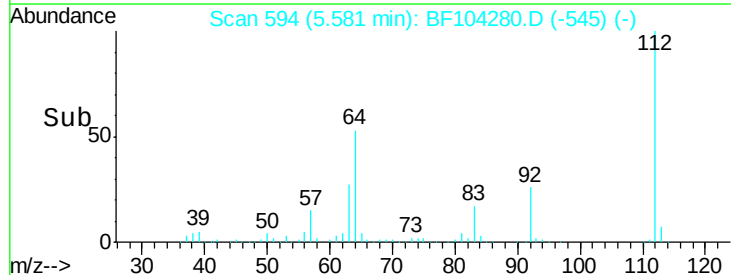
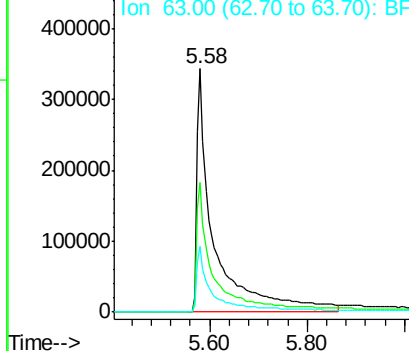
#5

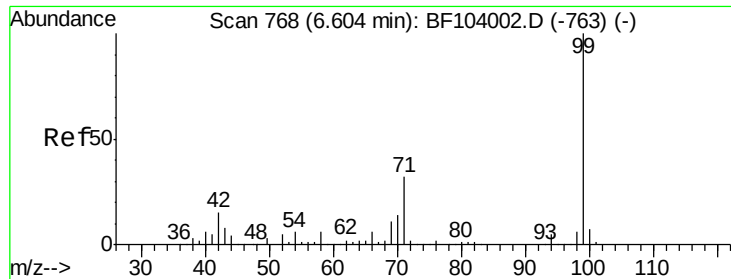
2-Fluorophenol
Concen: 134.297 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104280.D
Acq: 5 Apr 2018 20:08

Tgt Ion:112 Resp: 857921
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 27.0 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: 139.452 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-BOTTOM@5.5

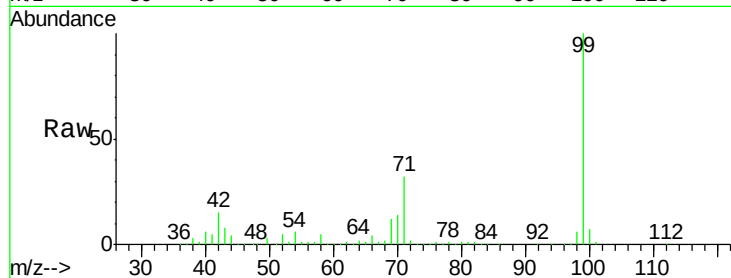
Tot Ion: 99 Resp: 1096015

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

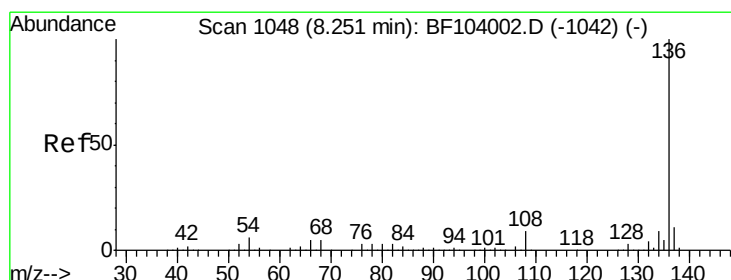
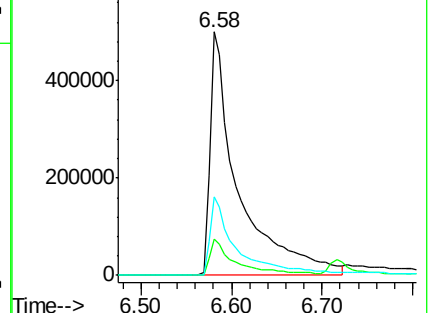
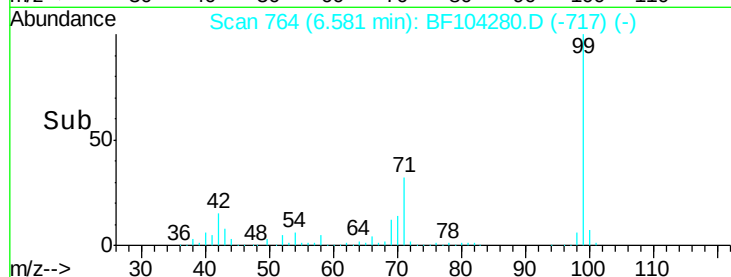
71 32.0 25.4 38.0



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: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Tgt Ion: 136 Resp: 481447

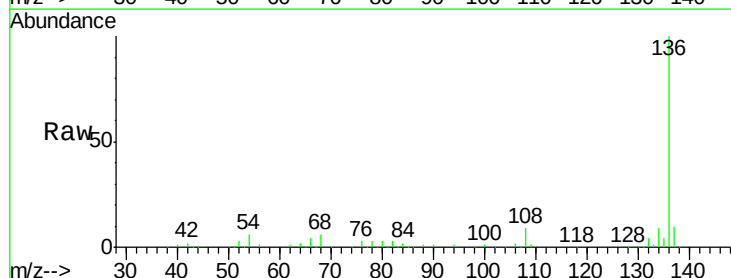
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.4 6.6 9.8#

68 5.9 5.0 7.4

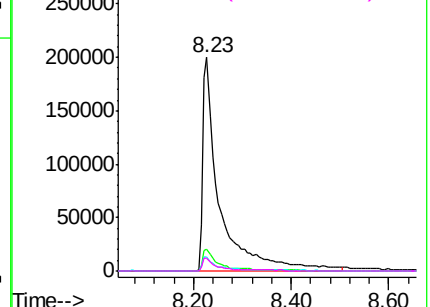
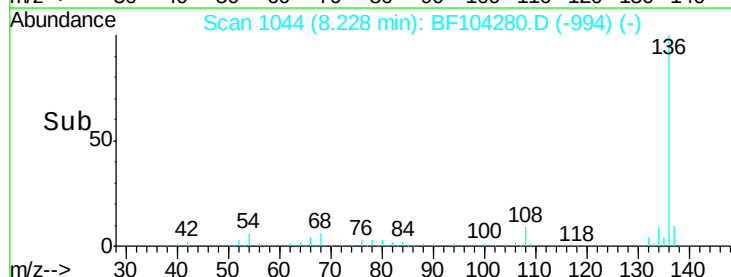


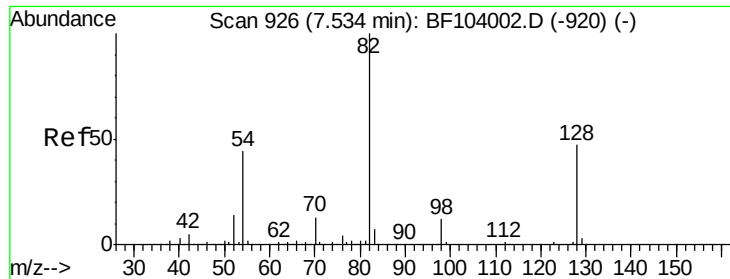
Abundance Ion 136.00 (135.70 to 136.70): E

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

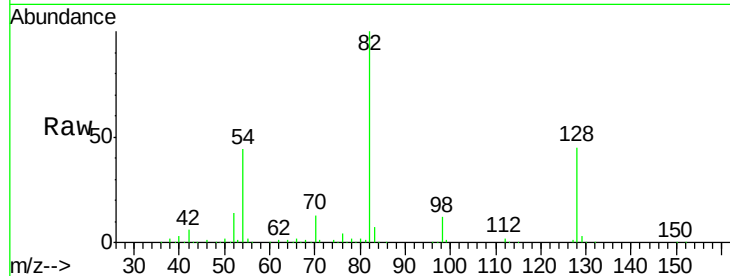




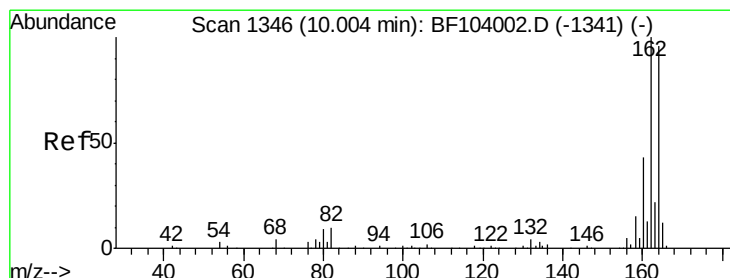
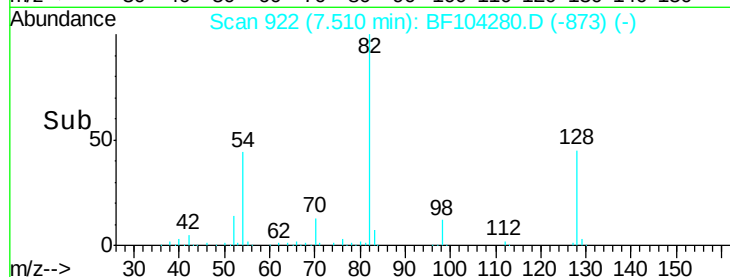
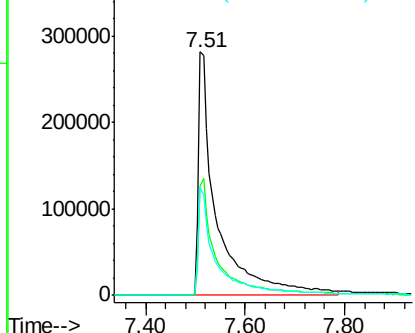
#23
 Nitrobenzene-d5
 Concen: 91.896 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-BOTTOM@5.5

Tot Ion: 82 Resp: 723449
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 44.4 41.4 62.2

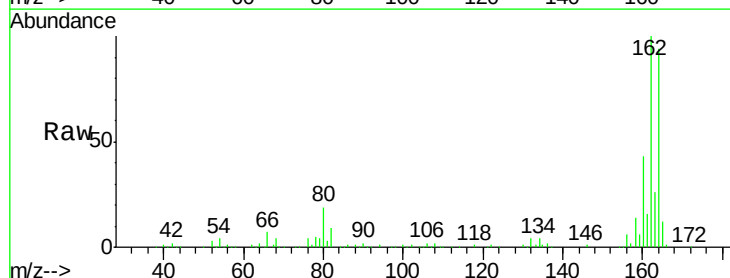


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

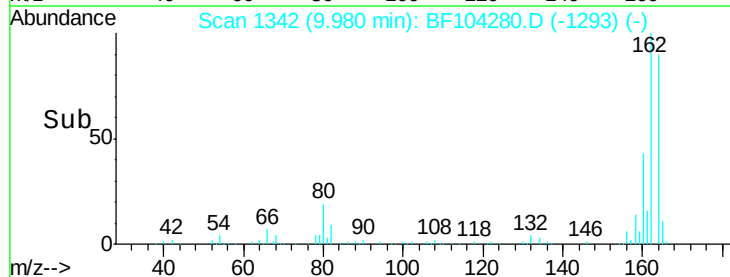
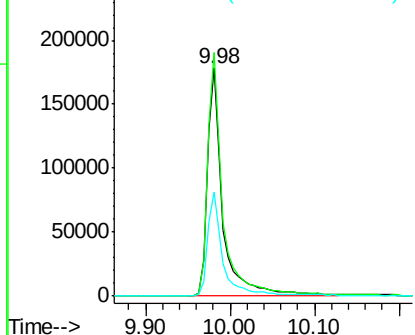


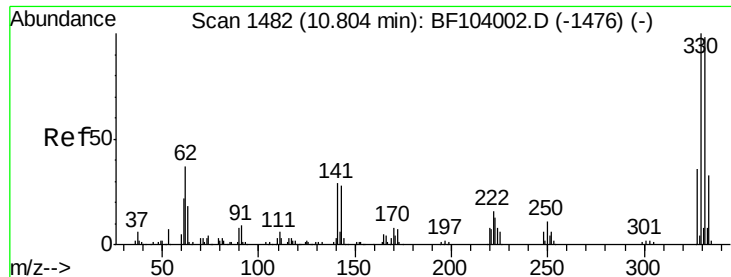
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Tgt Ion: 164 Resp: 228121
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 129.361 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-BOTTOM@5.5

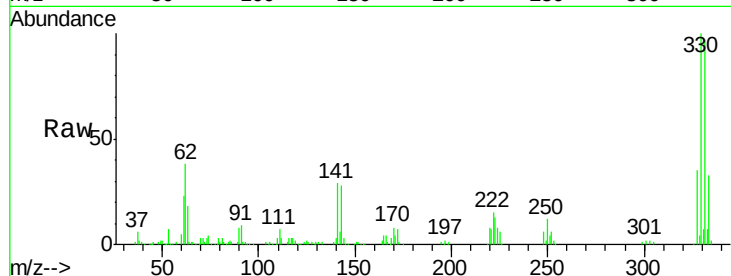
Tot Ion:330 Resp: 328594

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

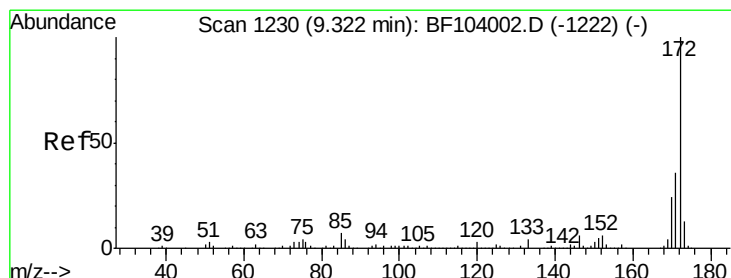
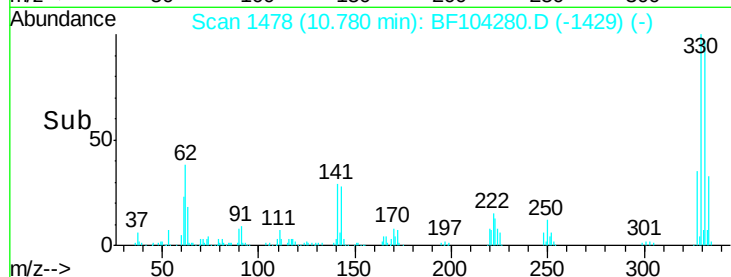
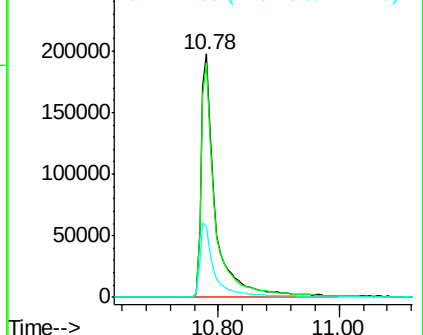
141 31.7 29.9 44.9



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: 86.507 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

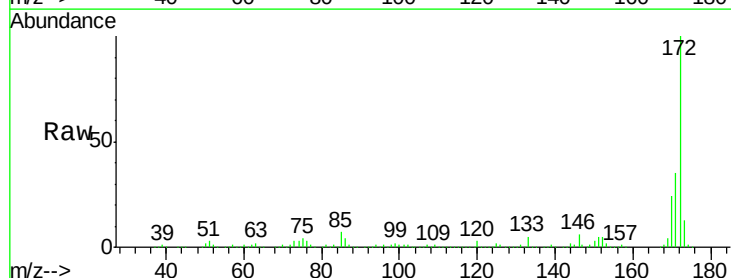
Tgt Ion:172 Resp: 1251427

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

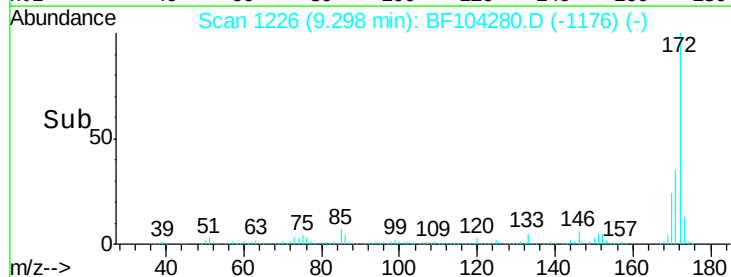
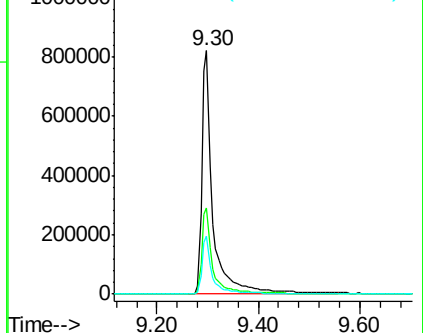
170 24.0 19.6 29.4

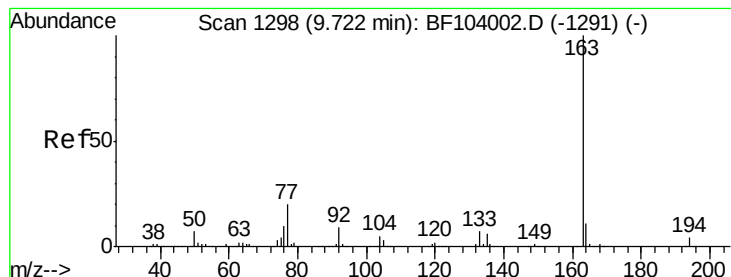


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.516 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-BOTTOM@5.5

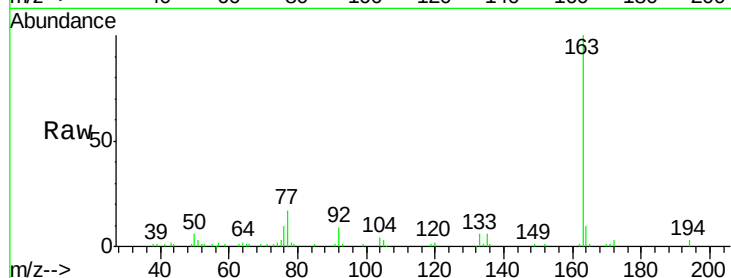
Tot Ion:163 Resp: 117351

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

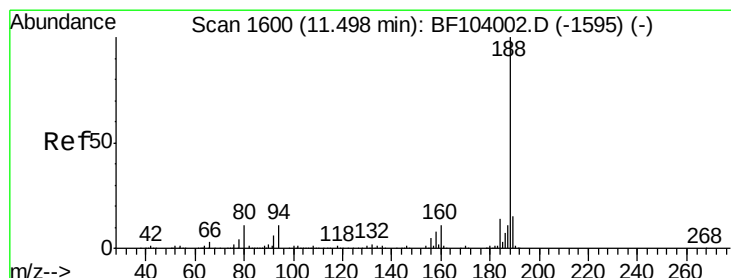
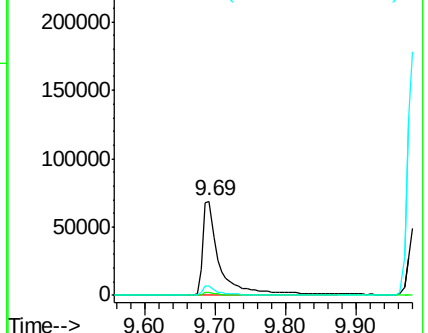
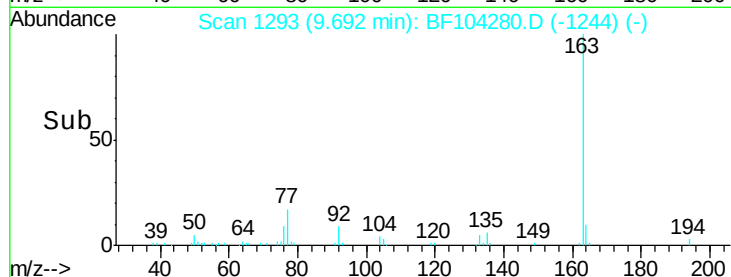
164 10.1 8.2 12.2



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: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

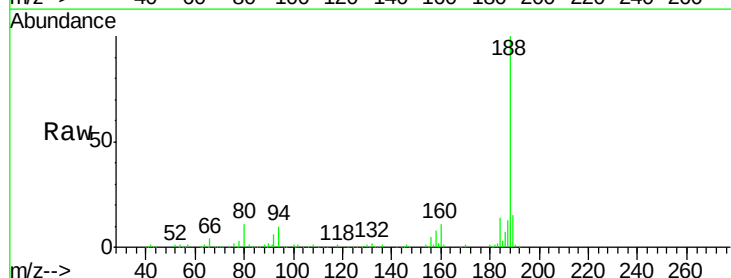
Tgt Ion:188 Resp: 431157

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

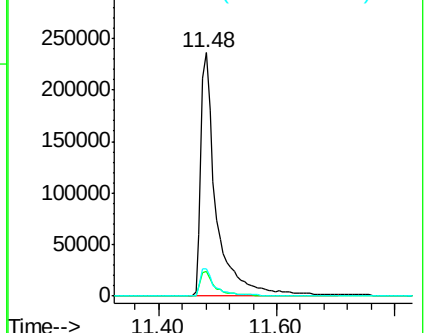
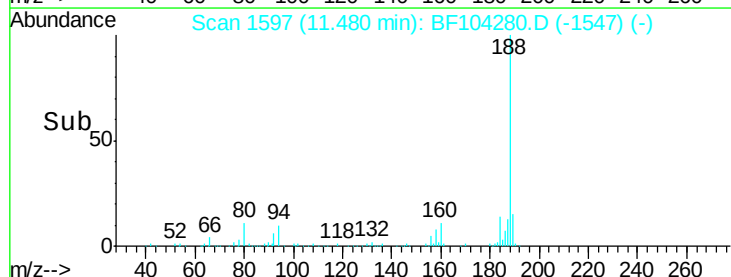
80 11.3 9.2 13.8

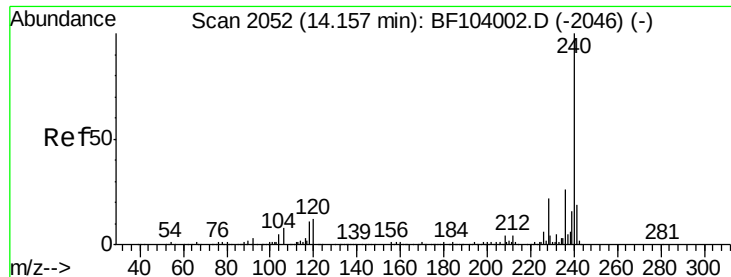


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

Instrument :

BNA_F

ClientSampleId :

ES-4-DWS-BOTTOM@5.5

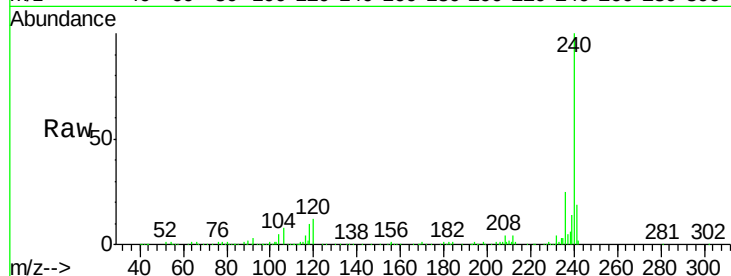
Tot Ion:240 Resp: 356171

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

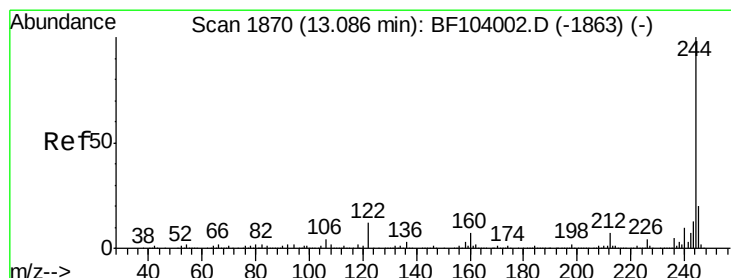
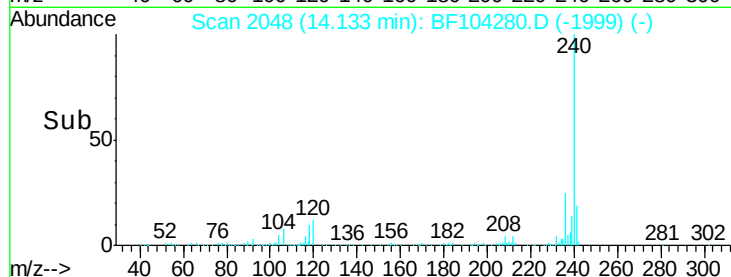
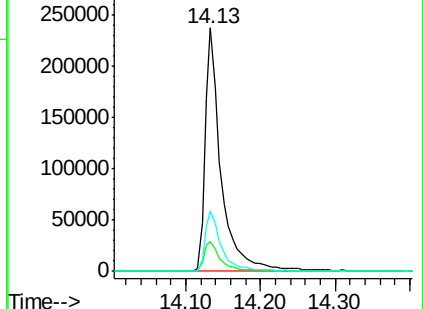
236 25.0 20.7 31.1



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: 80.506 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104280.D

Acq: 5 Apr 2018 20:08

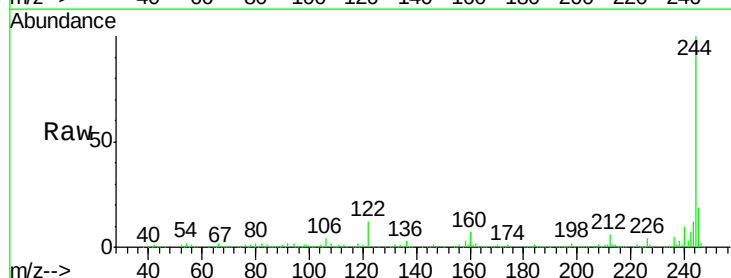
Tgt Ion:244 Resp: 1241858

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

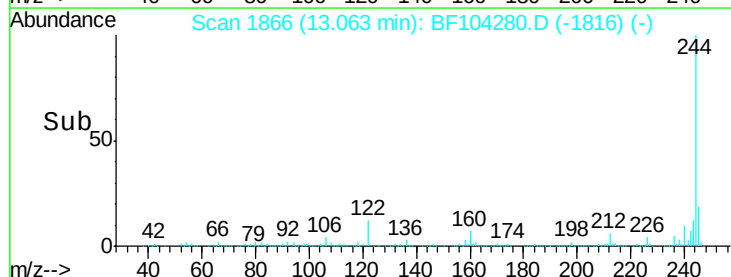
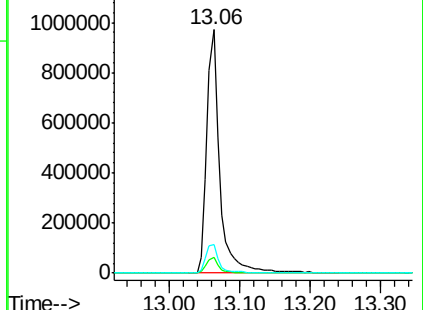
122 11.7 11.0 16.4

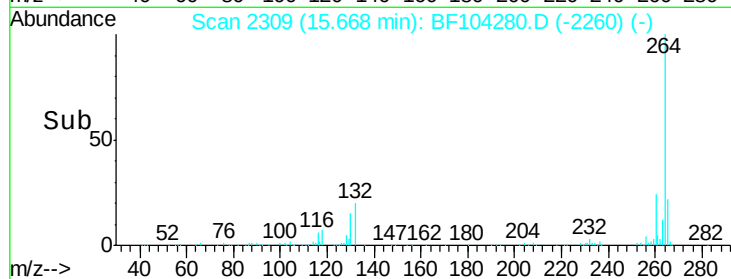
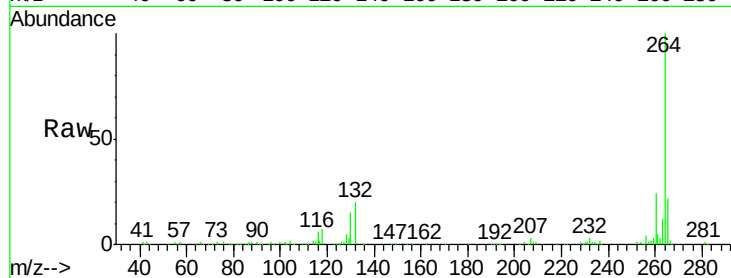
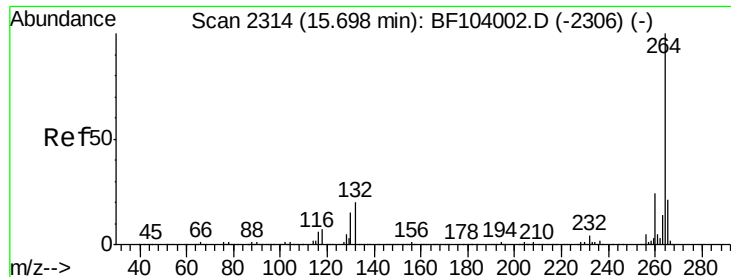


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104280.D
 Acq: 5 Apr 2018 20:08

Instrument :
 BNA_F
 ClientSampleId :
 ES-4-DWS-BOTTOM@5.5

Tot Ion:264	Resp:	274877
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.2 28.8
265	21.6	17.5 26.3

