

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103210.D
 Acq On : 26 Feb 2018 11:27
 Operator : SJ/JU
 Sample : J1639-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE-AGG-RCARE

Quant Time: Feb 26 12:45:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

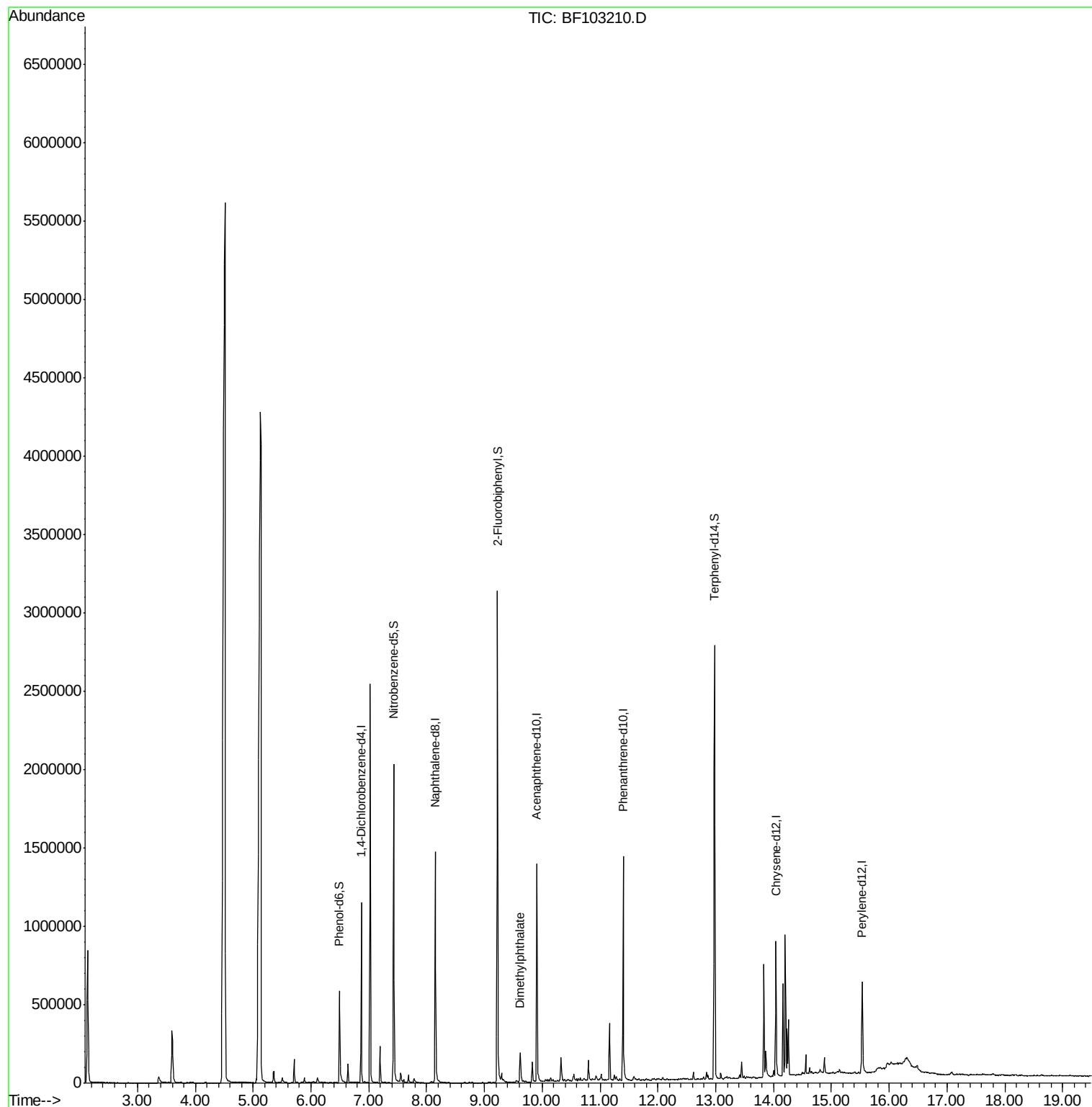
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	159993	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	676004	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	293708	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	513356	20.00	ng	0.00
75) Chrysene-d12	14.04	240	304759	20.00	ng	-0.01
86) Perylene-d12	15.53	264	288638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	14502	1.37	ng	0.01
7) Phenol-d6	6.49	99	226636	17.51	ng	-0.01
23) Nitrobenzene-d5	7.43	82	669608	56.57	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	1109866	60.71	ng	0.00
78) Terphenyl-d14	12.98	244	914717	72.15	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	91990	3.904	ng	Qvalue 100

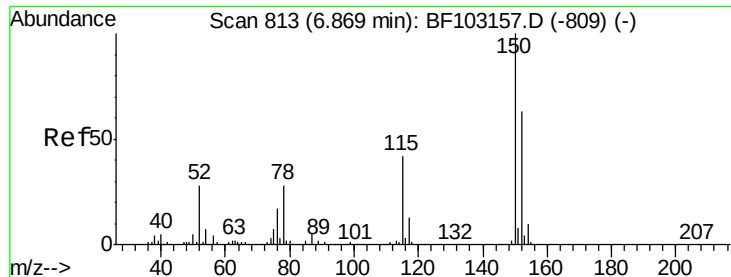
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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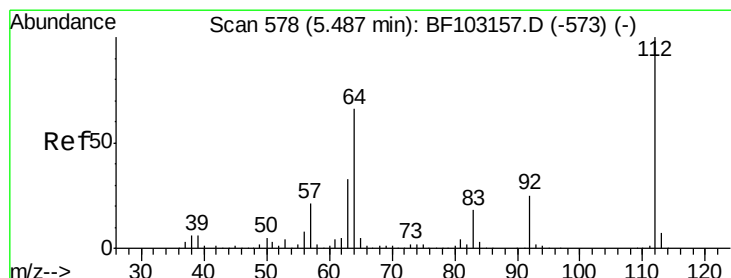
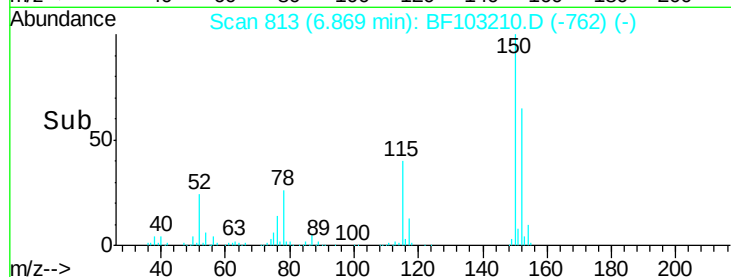
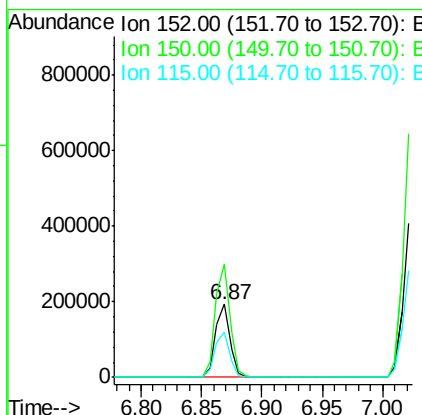
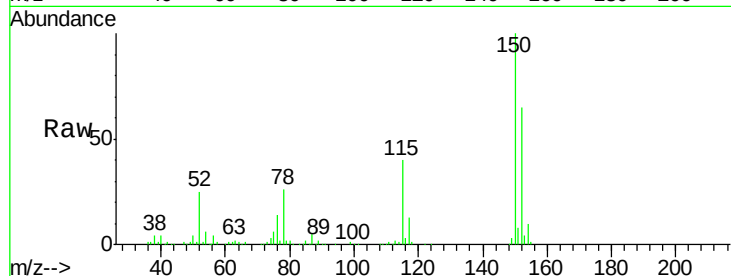


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Instrument :
BNA_F
ClientSampleId :
1-1-2-DENSE-GRADE-AGG-RCARE

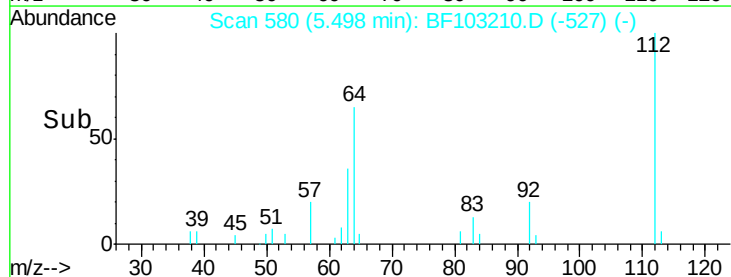
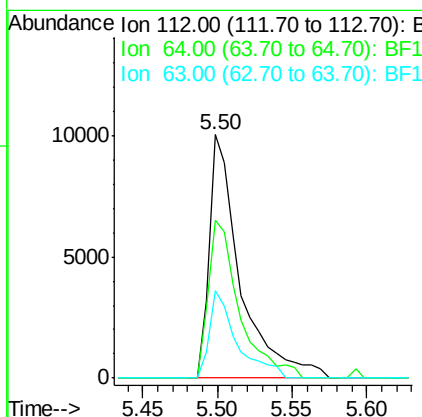
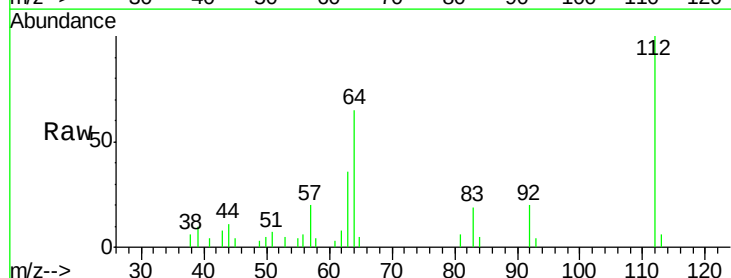
Tot Ion:152 Resp: 159993
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.5 50.1 75.1

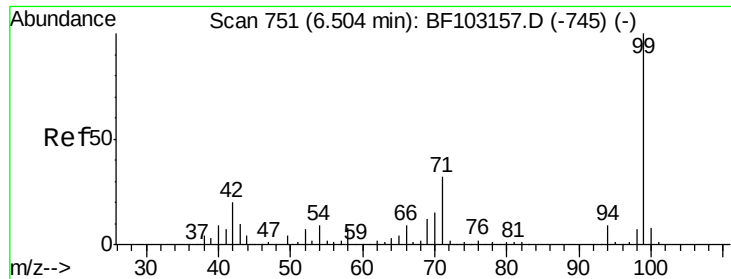


#5

2-Fluorophenol
Concen: 1.371 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103210.D
Acq: 26 Feb 2018 11:27

Tgt Ion:112 Resp: 14502
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 35.9 23.7 35.5#





#7

Phenol-d6

Concen: 17.508 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE-AGG-RCARE

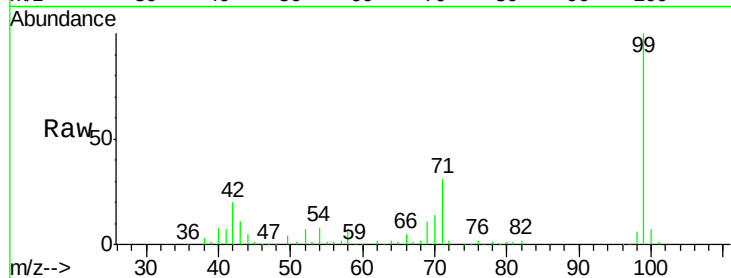
Tot Ion: 99 Resp: 226636

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

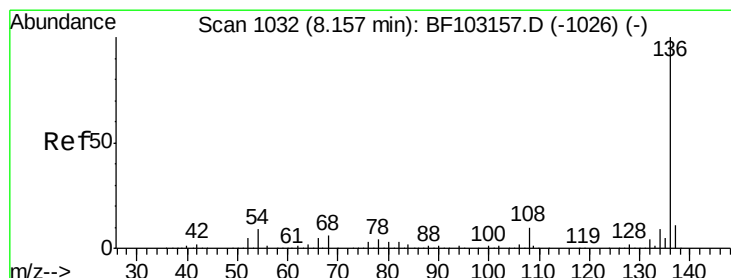
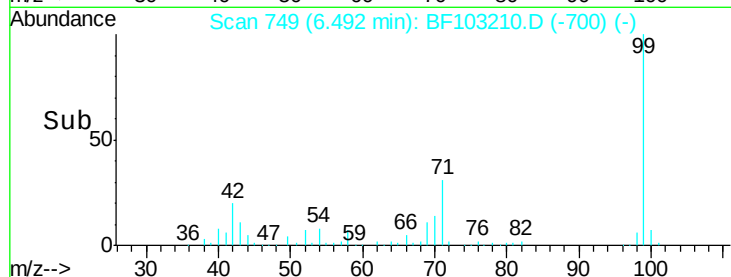
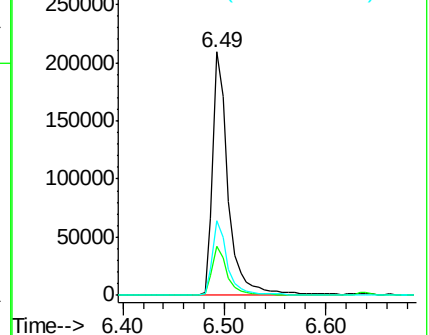
71 30.6 25.4 38.0



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Tgt Ion: 136 Resp: 676004

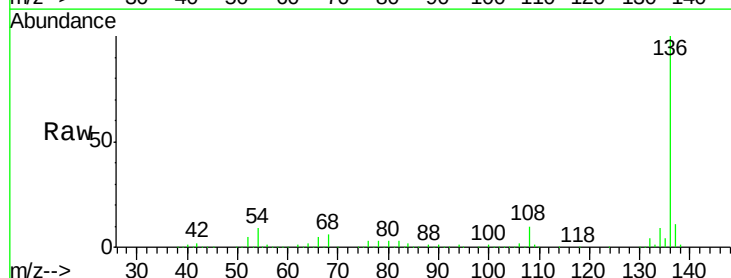
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

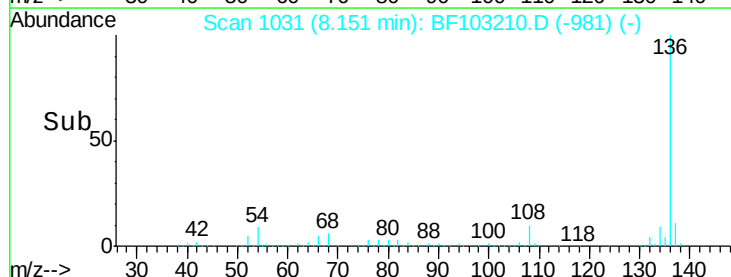
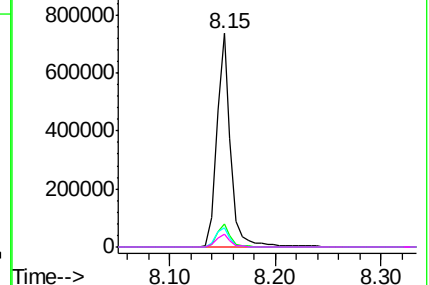


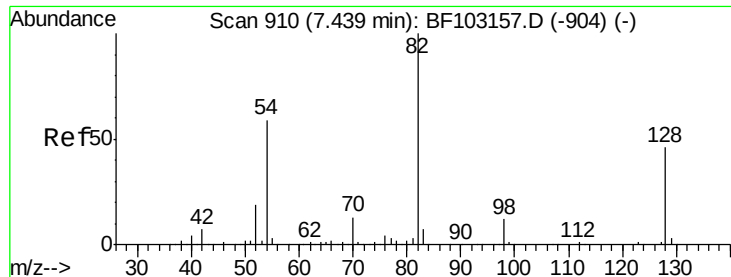
Abundance Ion 136.00 (135.70 to 136.70): E

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

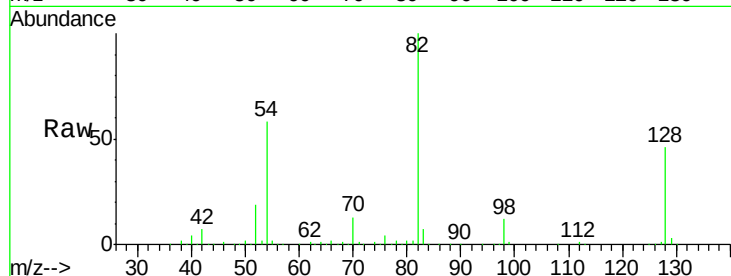




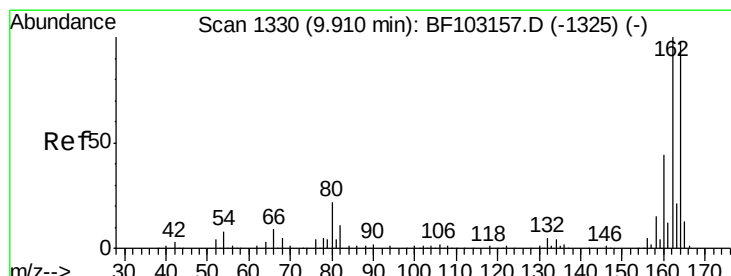
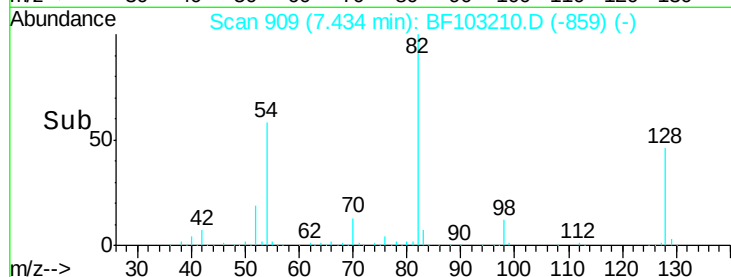
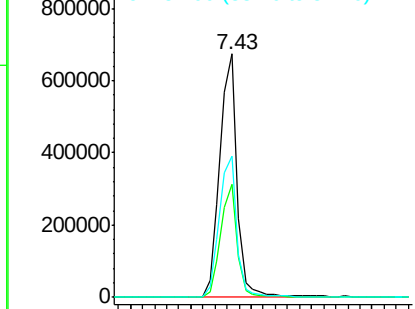
#23
 Nitrobenzene-d5
 Concen: 56.568 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE-AGG-RCARE

Tot Ion: 82 Resp: 669608
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 58.0 41.4 62.2

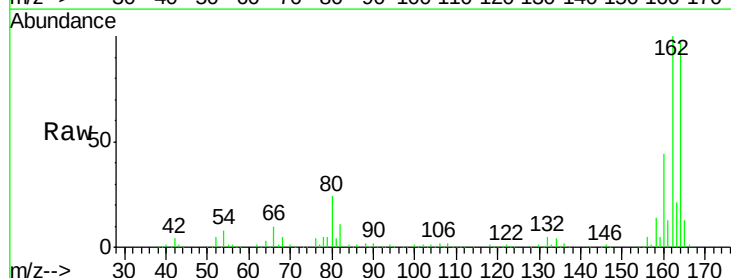


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

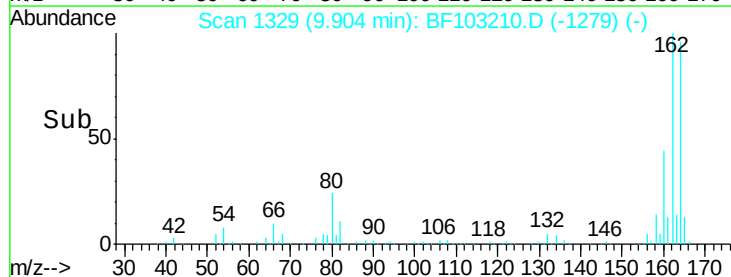
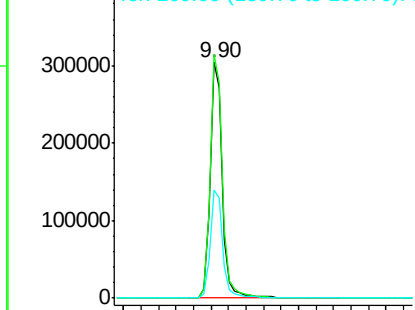


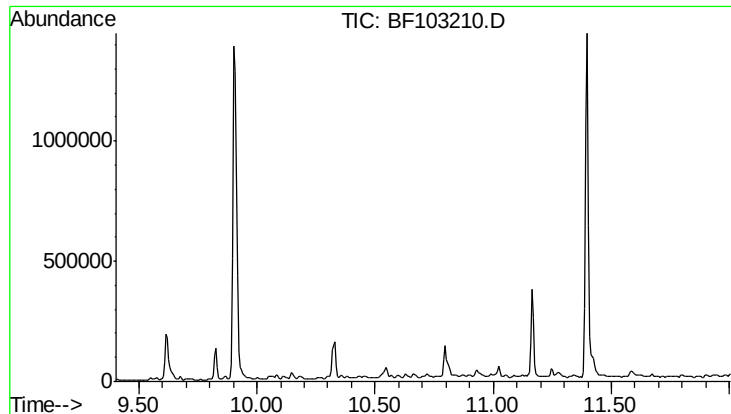
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

Tgt Ion: 164 Resp: 293708
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.7 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

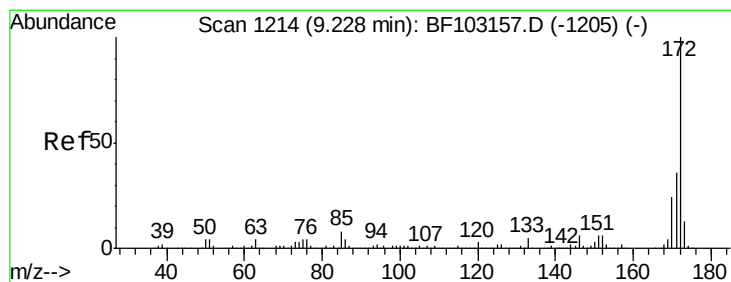
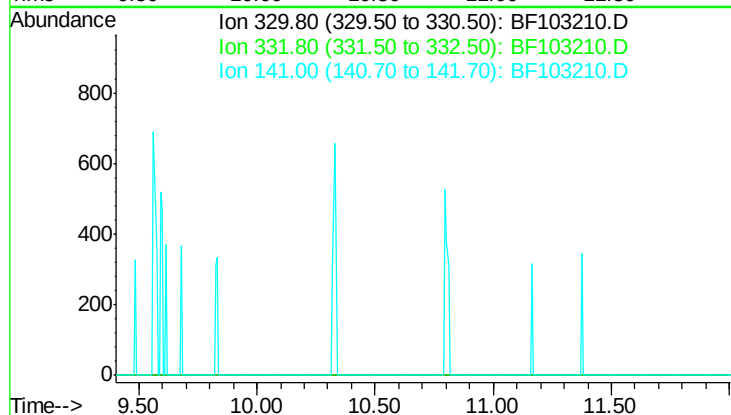




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.70 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

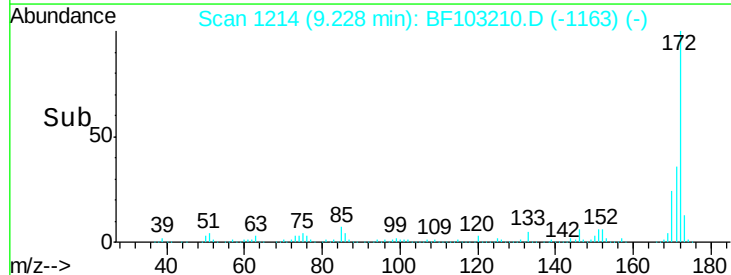
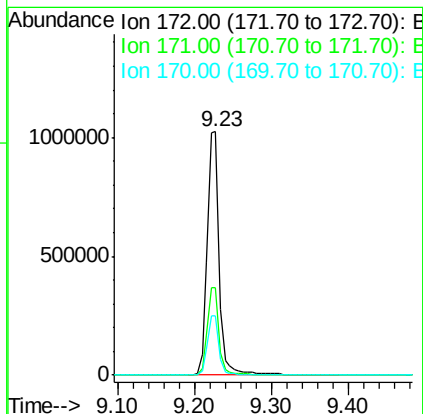
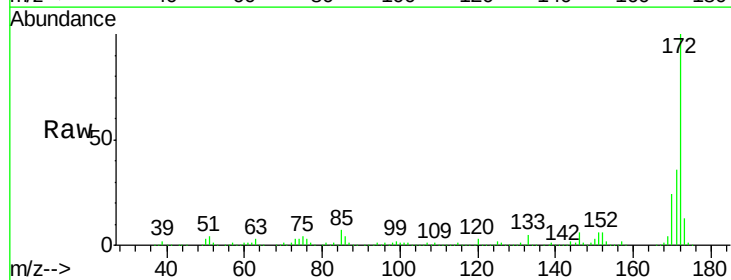
Instrument :
 BNA_F
 ClientSampleId :
 1-1-2-DENSE-GRADE-AGG-RCARE

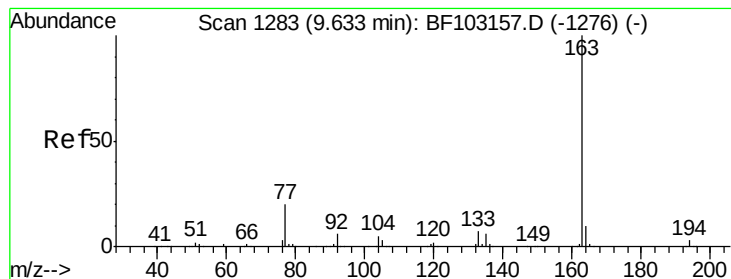
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 60.713 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

Tgt Ion: 172 Resp: 1109866
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 19.6 29.4





#49

Dimethylphthalate

Concen: 3.904 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

BNA_F

ClientSampleId :

1-1-2-DENSE-GRADE-AGG-RCARE

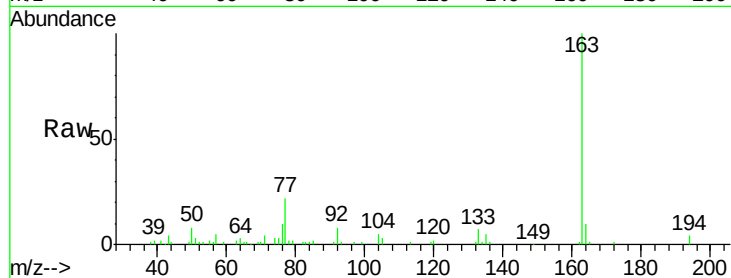
Tot Ion:163 Resp: 91990

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

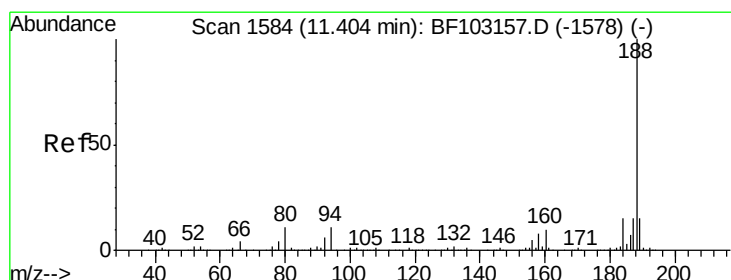
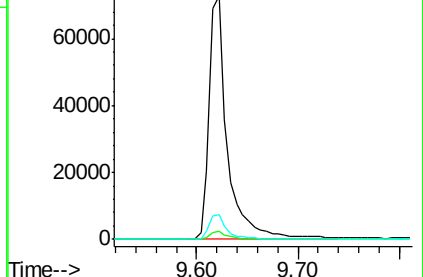
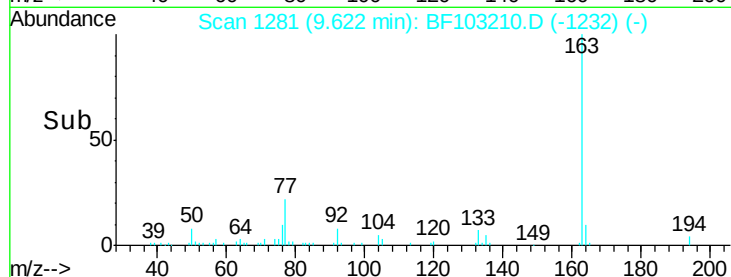
164 10.0 8.2 12.2



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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

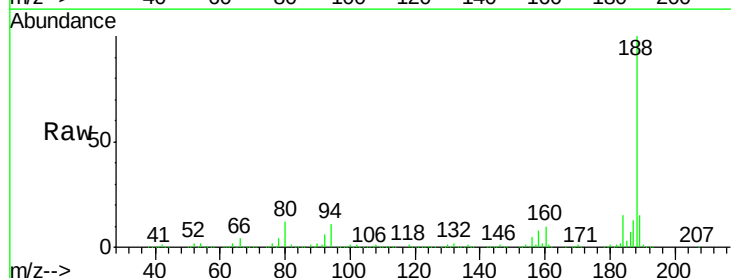
Tgt Ion:188 Resp: 513356

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

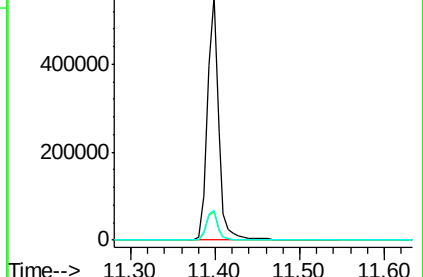
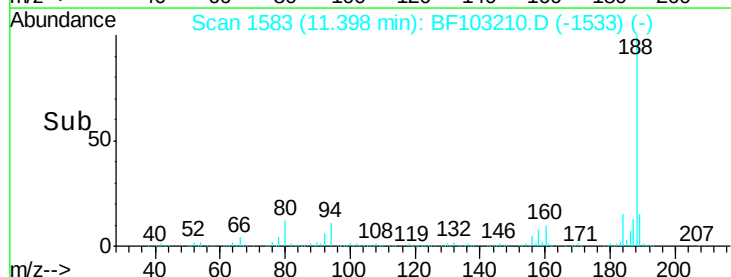
80 12.4 9.2 13.8

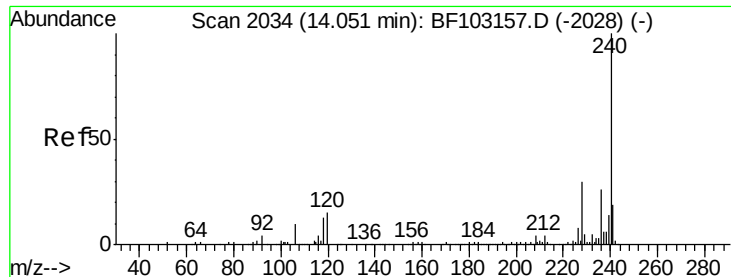


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

Instrument :

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ClientSampleId :

1-1-2-DENSE-GRADE-AGG-RCARE

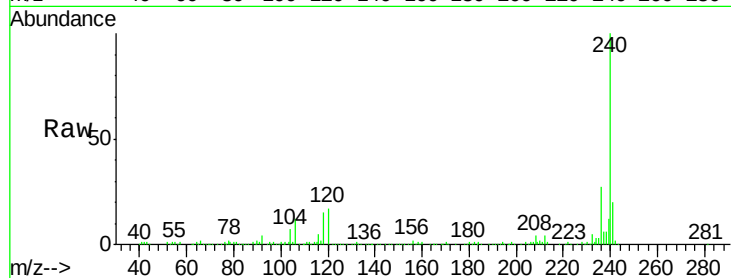
Tot Ion:240 Resp: 304759

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

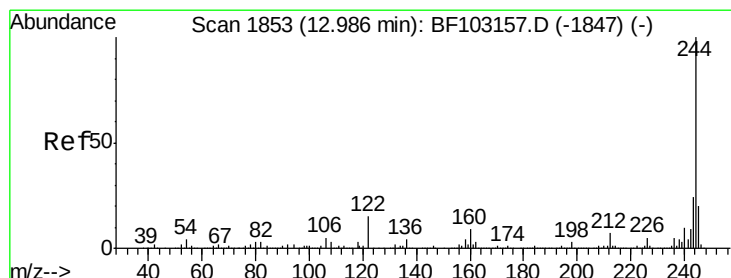
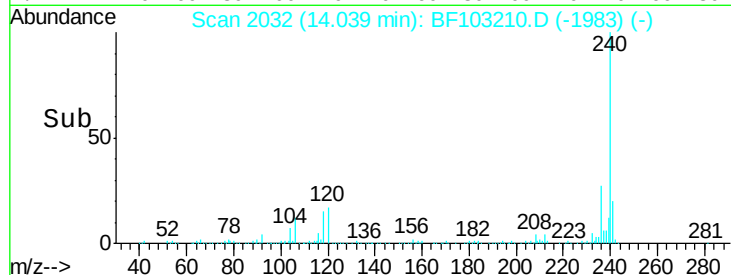
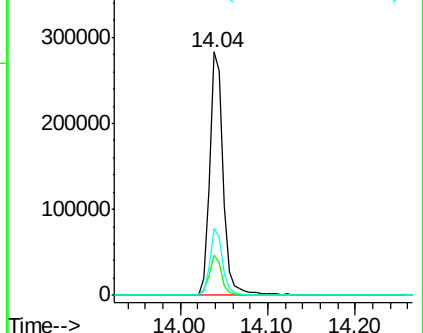
236 27.5 20.7 31.1



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: 72.151 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103210.D

Acq: 26 Feb 2018 11:27

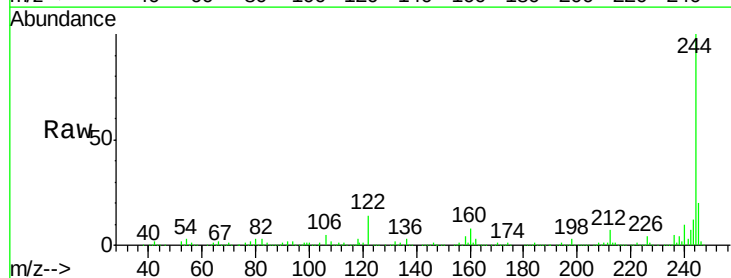
Tgt Ion:244 Resp: 914717

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

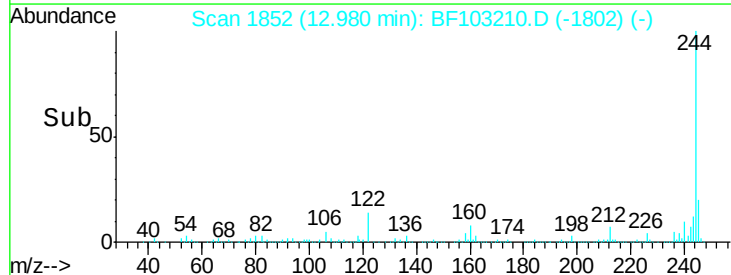
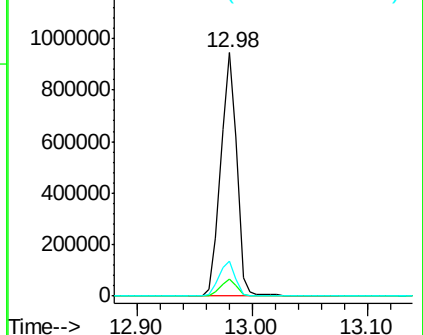
122 14.5 11.0 16.4

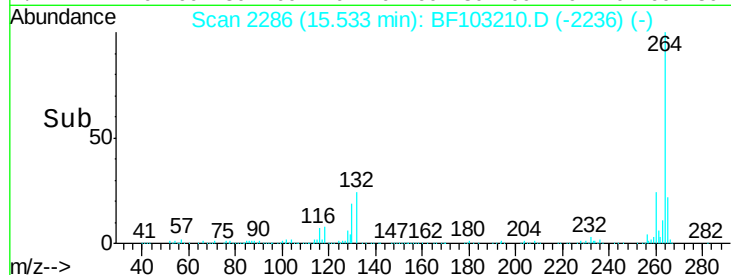
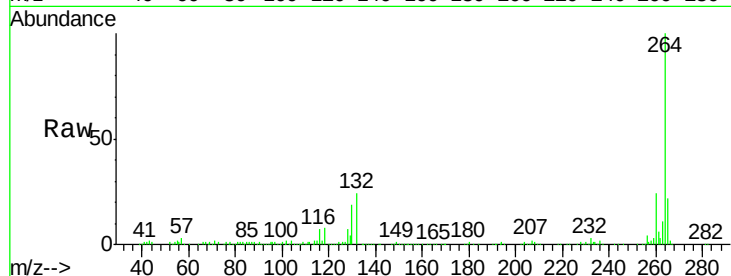
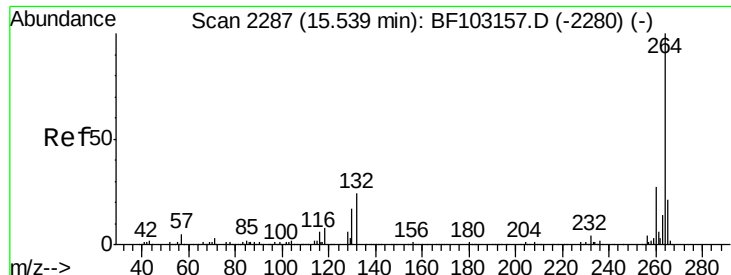


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BF103210.D
 Acq: 26 Feb 2018 11:27

Instrument :
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 ClientSampleId :
 1-1-2-DENSE-GRADE-AGG-RCARE

Tot Ion:	264	Resp:	288638
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3

