

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102895.D
 Acq On : 9 Feb 2018 18:10
 Operator : SJ/JU
 Sample : J1506-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-22(8-10)

Quant Time: Feb 09 22:37:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

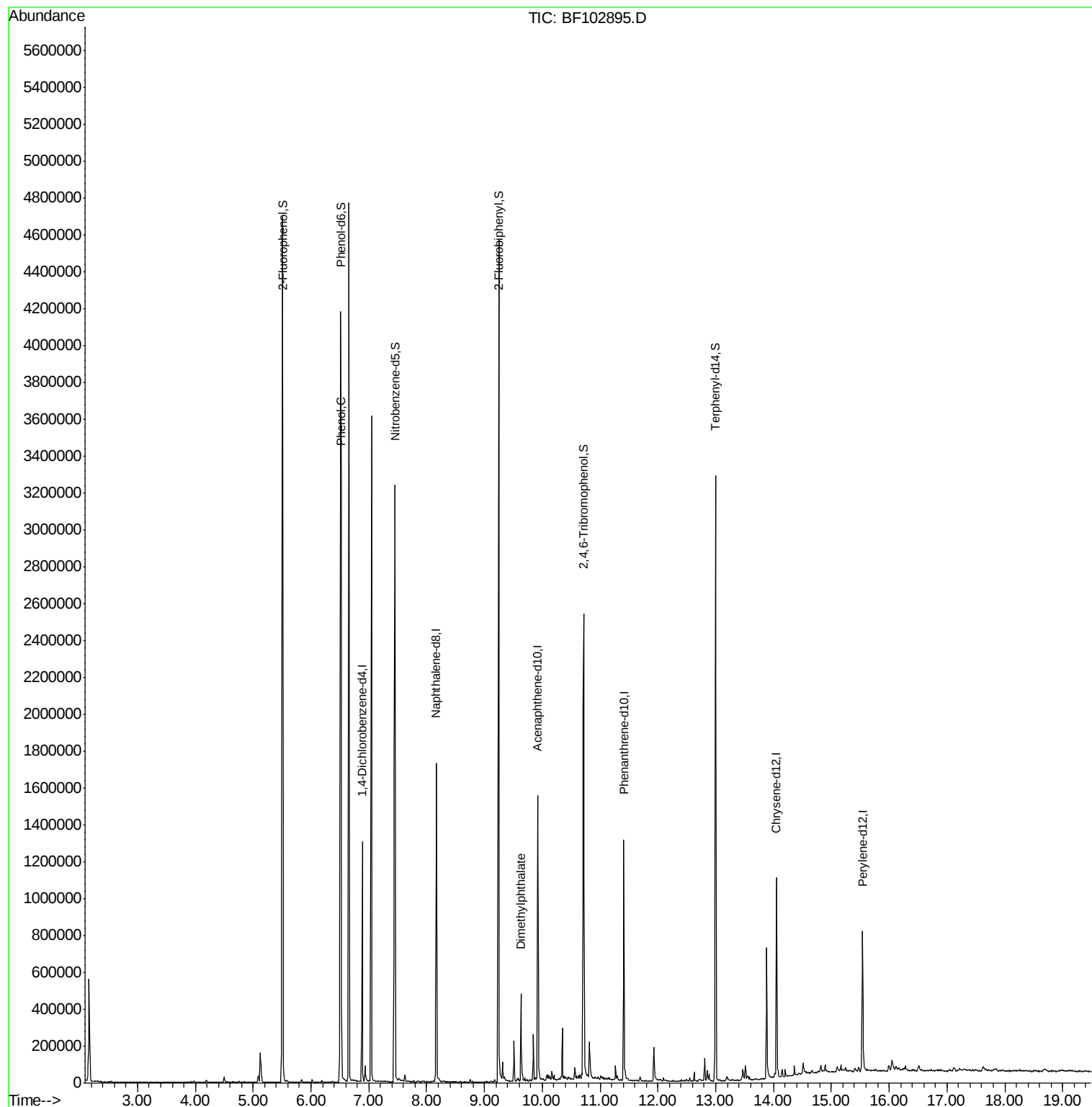
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	173597	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	720425	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	305462	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	461385	20.00	ng	0.00
75) Chrysene-d12	14.05	240	356566	20.00	ng	0.00
86) Perylene-d12	15.54	264	332326	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1386610	121.30	ng	0.02
7) Phenol-d6	6.52	99	1670703	121.39	ng	0.01
23) Nitrobenzene-d5	7.45	82	1081384	104.13	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	287378	116.89	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1499717	81.47	ng	0.00
78) Terphenyl-d14	13.00	244	1124094	74.65	ng	0.00
Target Compounds						
10) Phenol	6.53	94	41858	2.838	ng	94
49) Dimethylphthalate	9.63	163	164958	6.926	ng	99

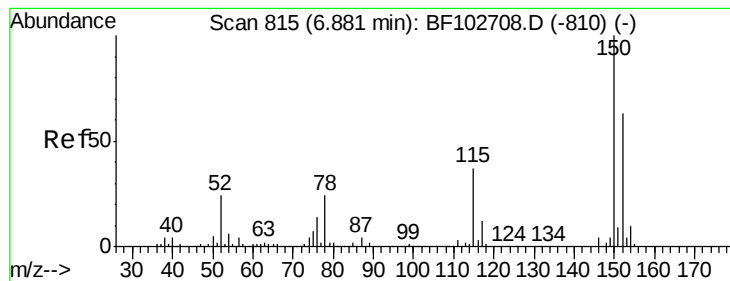
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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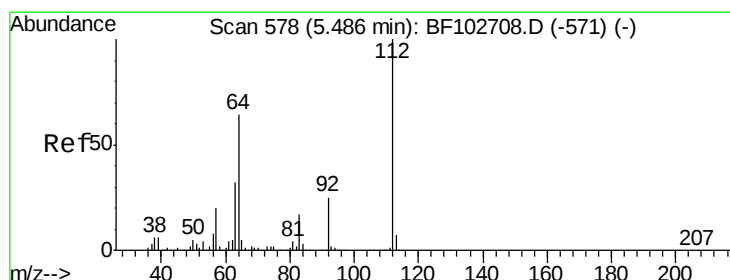
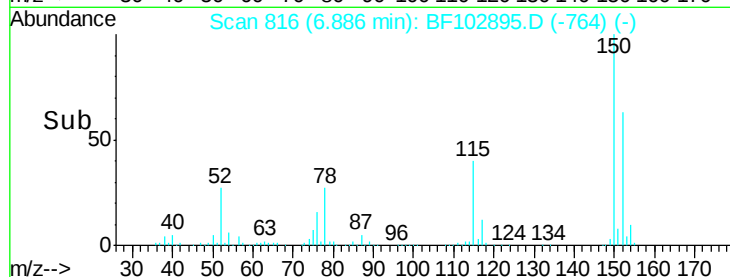
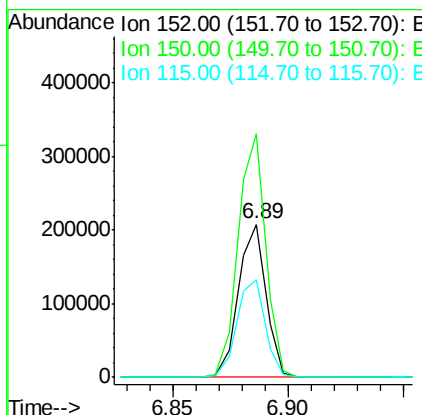
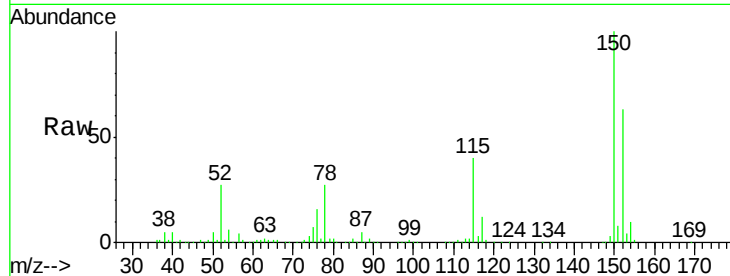


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

Instrument :
BNA_F
ClientSampleId :
B-22(8-10)

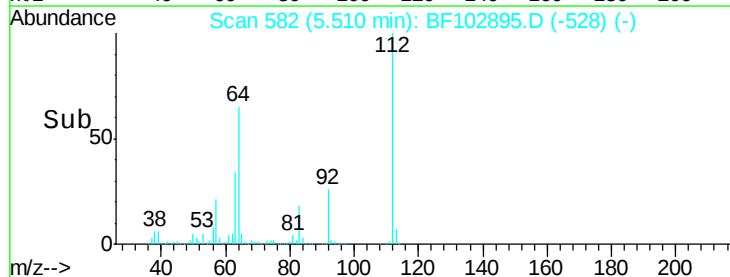
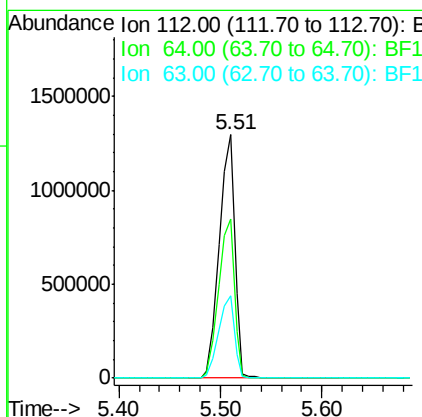
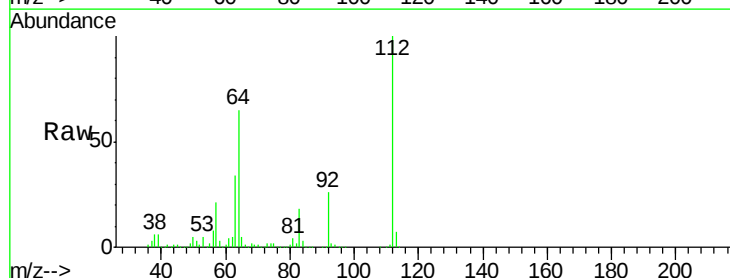
Tot Ion:152 Resp: 173597
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.6 50.1 75.1

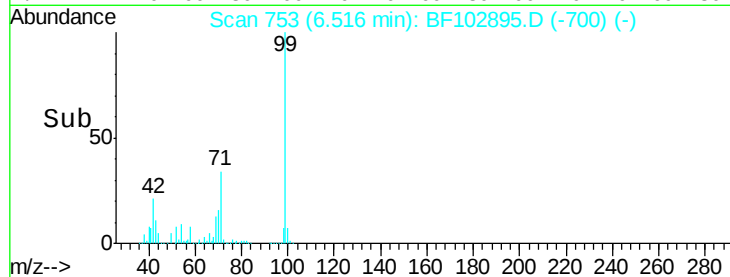
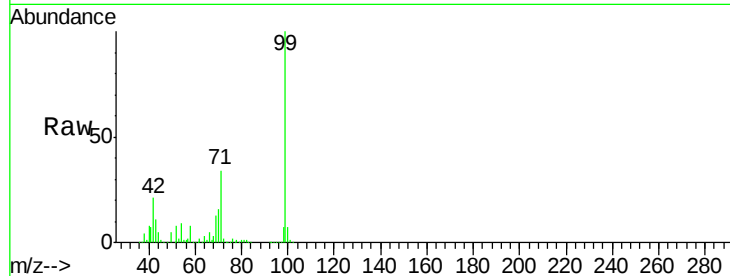


#5

2-Fluorophenol
Concen: 121.304 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

Tgt Ion:112 Resp: 1386610
Ion Ratio Lower Upper
112 100
64 65.2 47.9 71.9
63 33.7 23.7 35.5





#7

Phenol-d6

Concen: 121.386 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

Instrument :

BNA_F

ClientSampleId :

B-22(8-10)

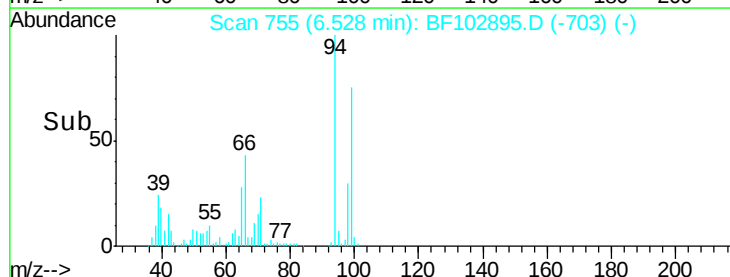
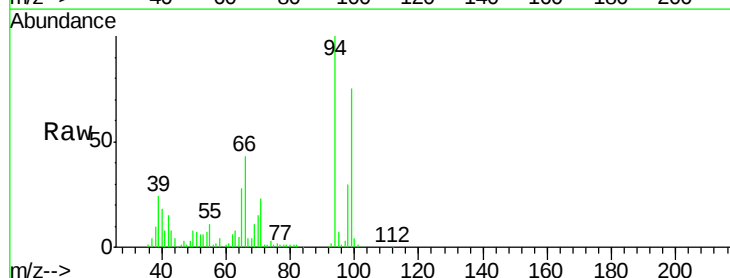
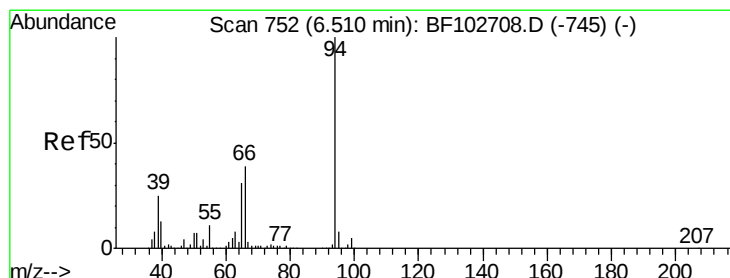
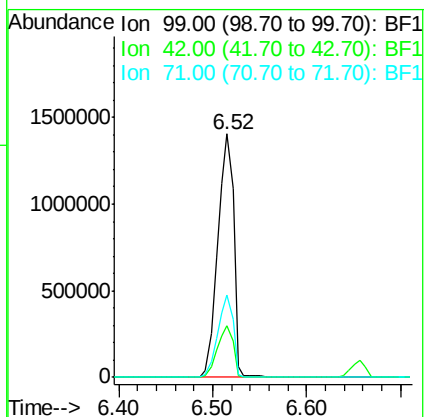
Tot Ion: 99 Resp: 1670703

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 33.8 25.4 38.0



#10

Phenol

Concen: 2.838 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

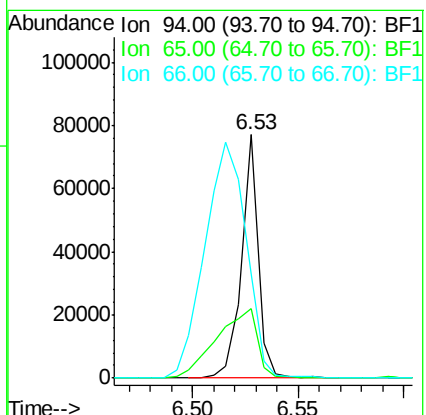
Tgt Ion: 94 Resp: 41858

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 42.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

Instrument :

BNA_F

ClientSampleId :

B-22(8-10)

Tot Ion:136 Resp: 720425

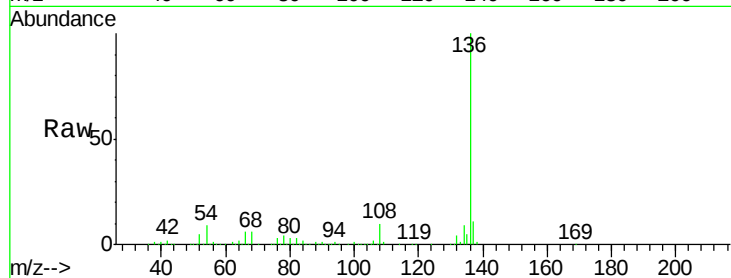
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

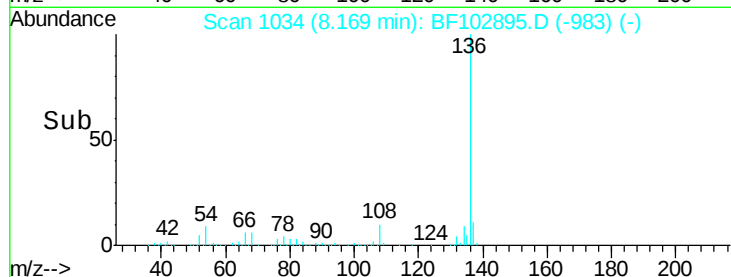


Abundance Ion 136.00 (135.70 to 136.70): E

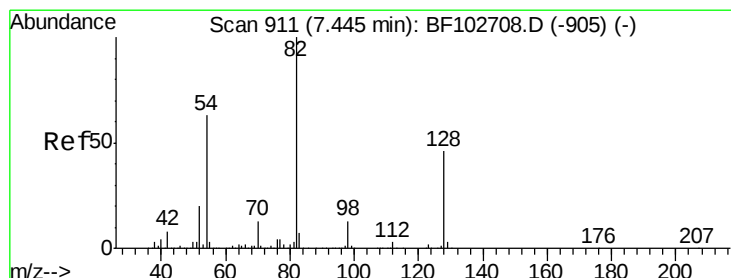
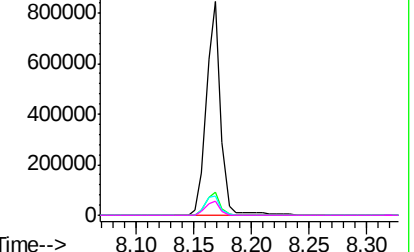
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 104.128 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

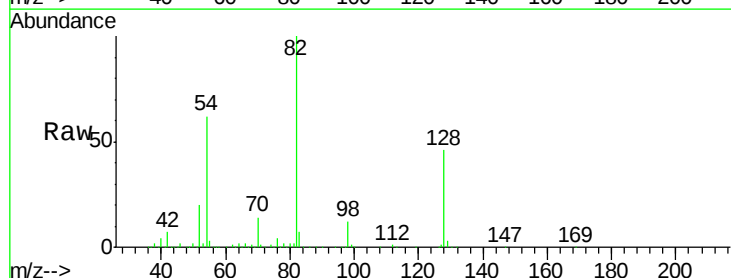
Tgt Ion: 82 Resp: 1081384

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

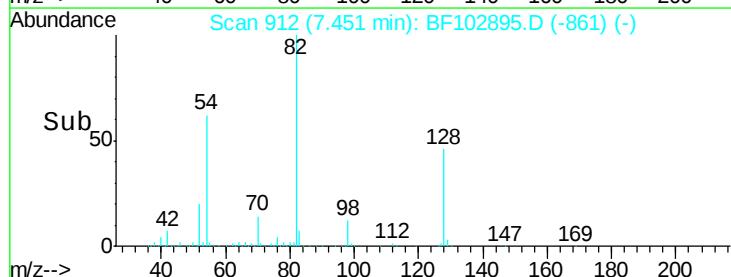
54 62.4 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

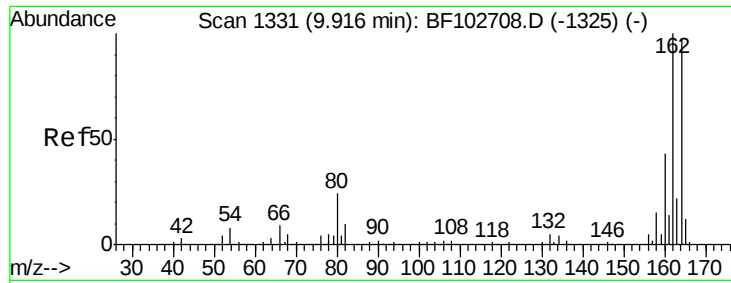
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

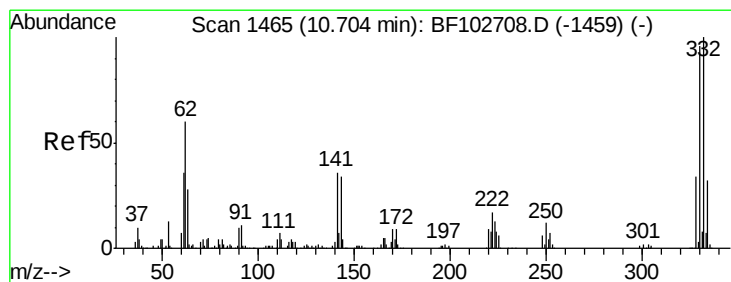
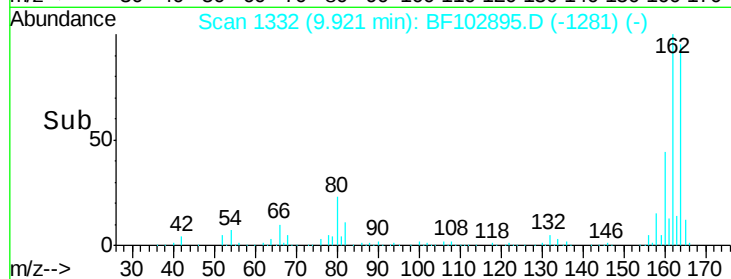
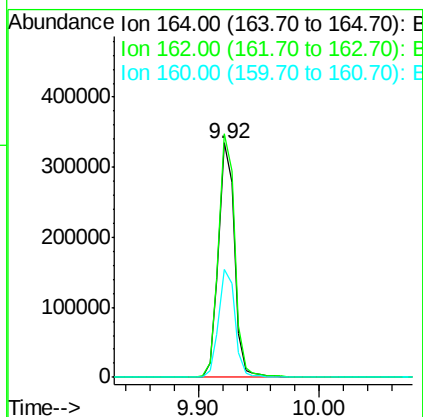
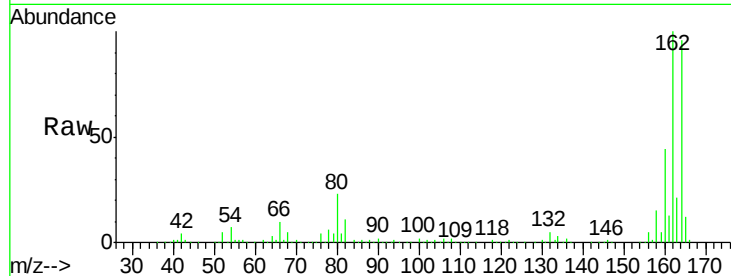




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102895.D
 Acq: 9 Feb 2018 18:10

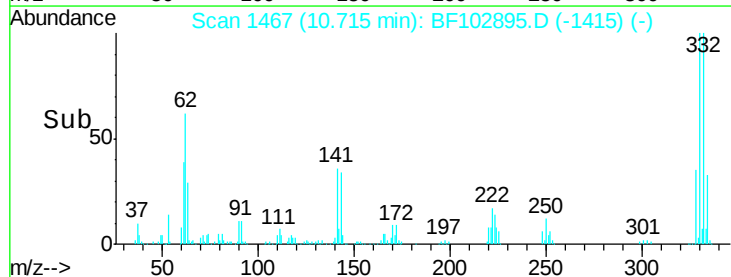
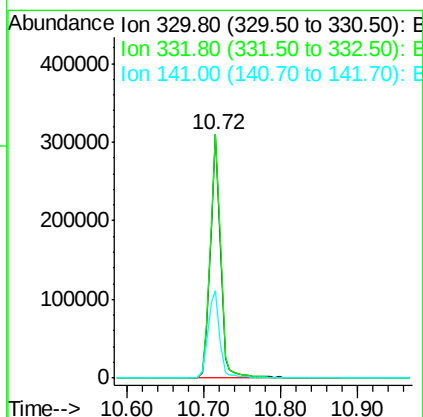
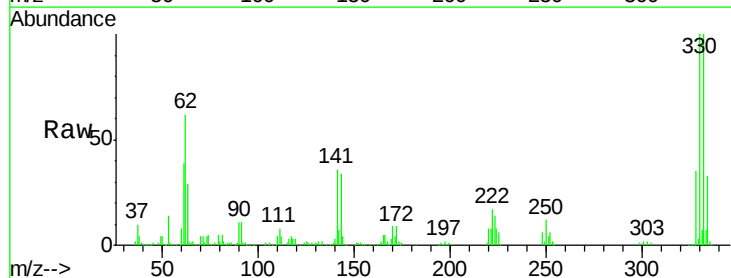
Instrument :
 BNA_F
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 B-22(8-10)

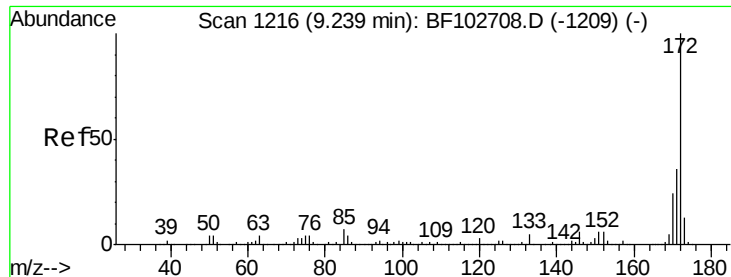
Tot Ion:164 Resp: 305462
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.886 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102895.D
 Acq: 9 Feb 2018 18:10

Tgt Ion:330 Resp: 287378
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 40.7 29.9 44.9

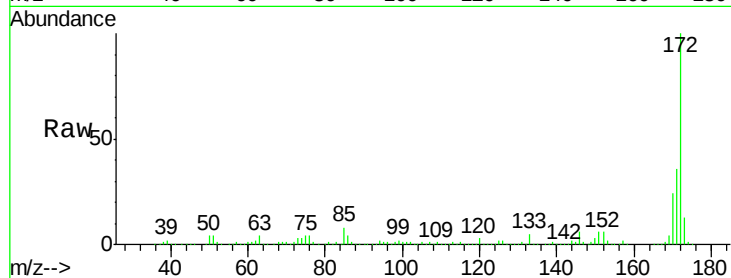




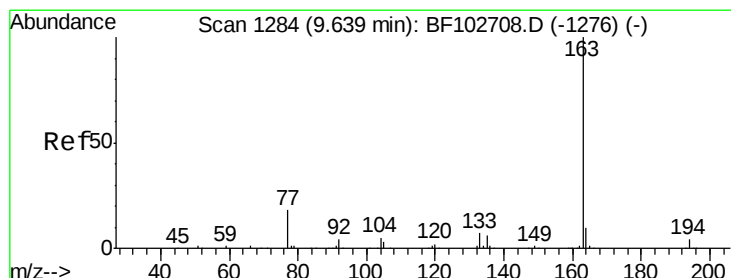
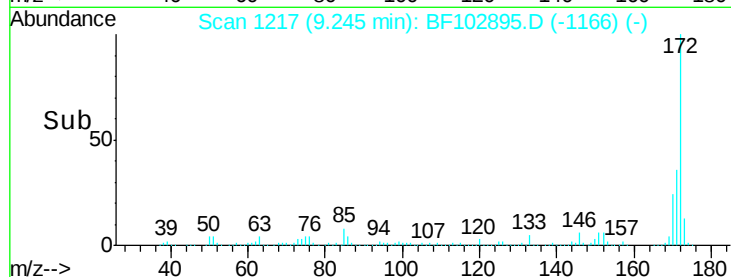
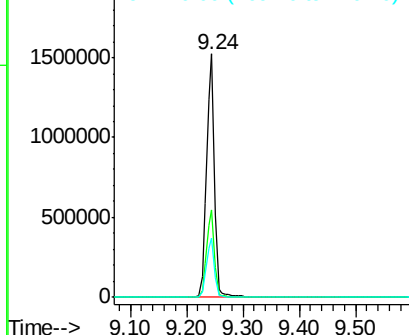
#44
2-Fluorobiphenyl
Concen: 81.469 ng
RT: 9.24 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

Instrument :
BNA_F
ClientSampleId :
B-22(8-10)

Tot Ion:172 Resp: 1499717
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.2 19.6 29.4

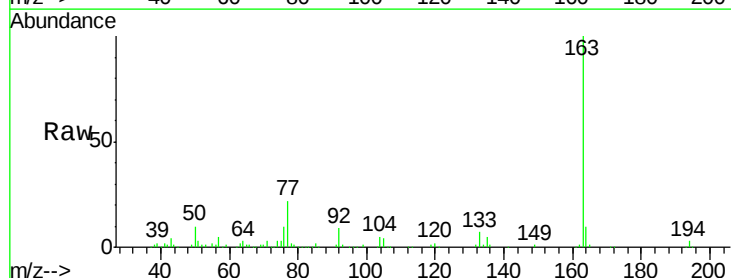


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

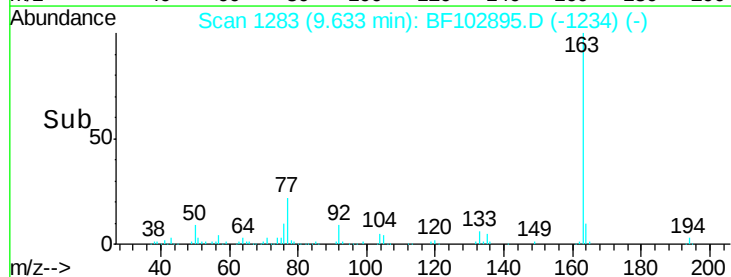
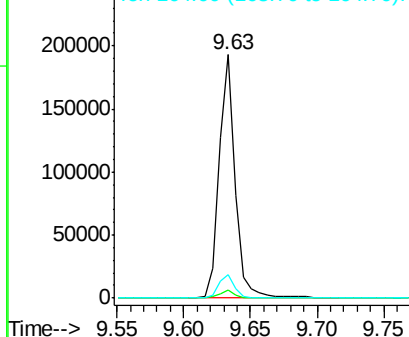


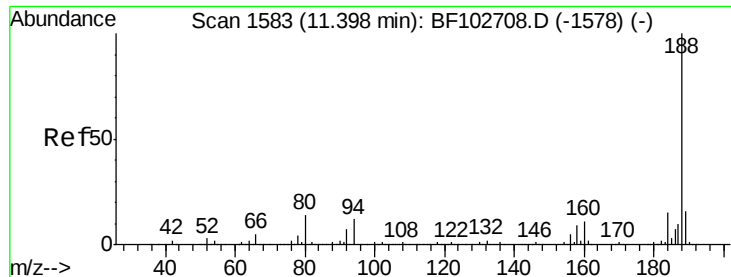
#49
Dimethylphthalate
Concen: 6.926 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

Tgt Ion:163 Resp: 164958
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 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

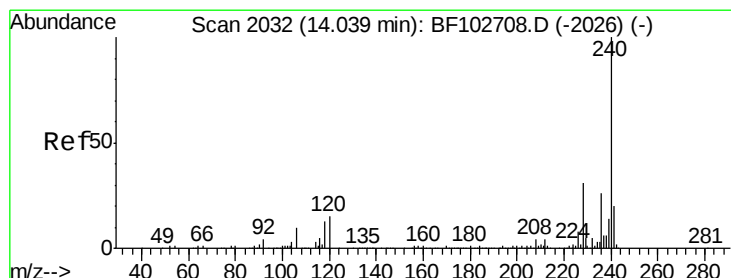
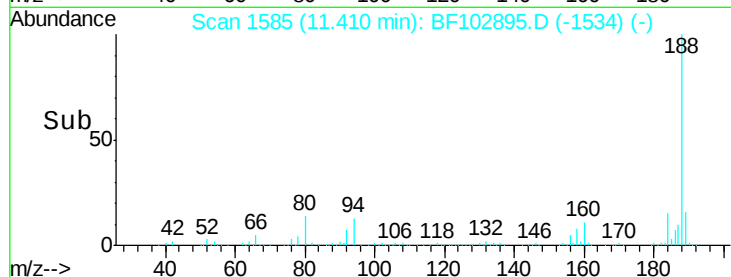
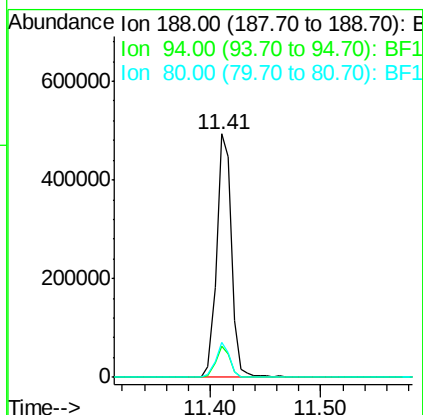
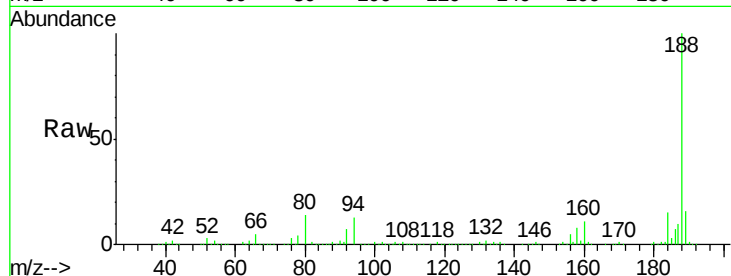




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

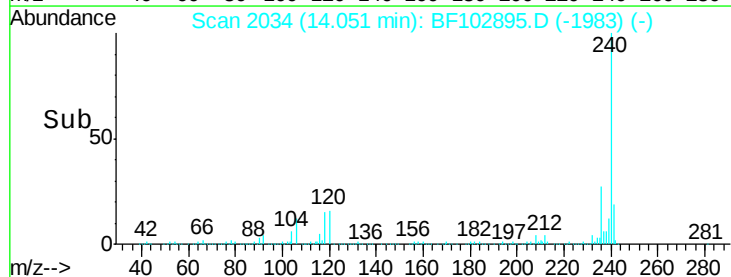
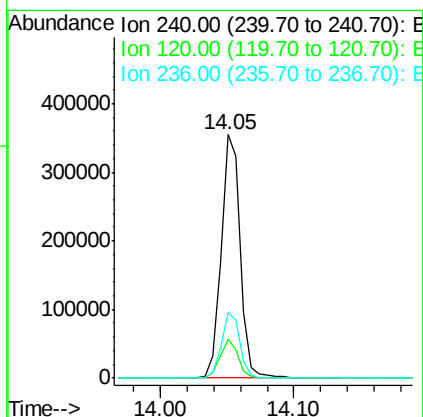
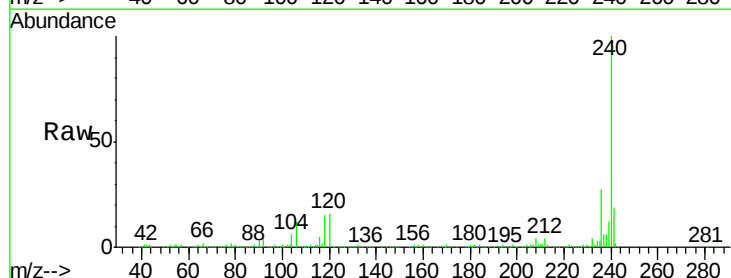
Instrument :
BNA_F
ClientSampleId :
B-22(8-10)

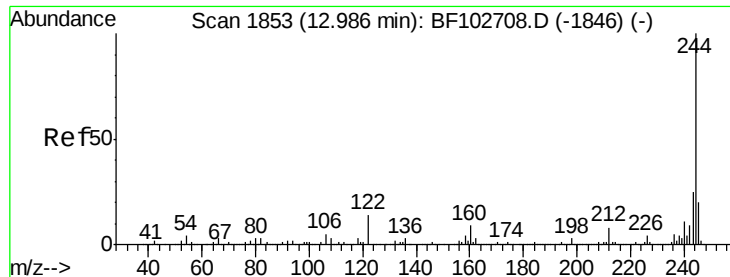
Tot Ion:188 Resp: 461385
Ion Ratio Lower Upper
188 100
94 13.0 8.5 12.7#
80 14.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102895.D
Acq: 9 Feb 2018 18:10

Tgt Ion:240 Resp: 356566
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 74.645 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

Instrument :

BNA_F

ClientSampleId :

B-22(8-10)

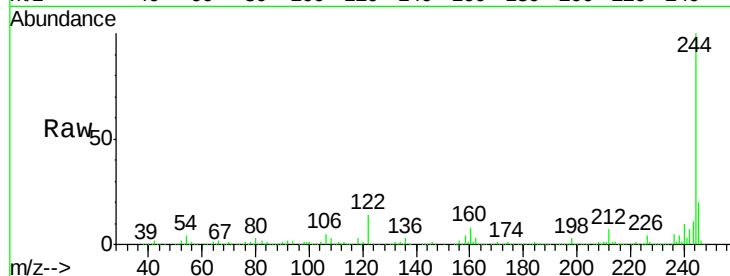
Tot Ion:244 Resp: 1124094

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

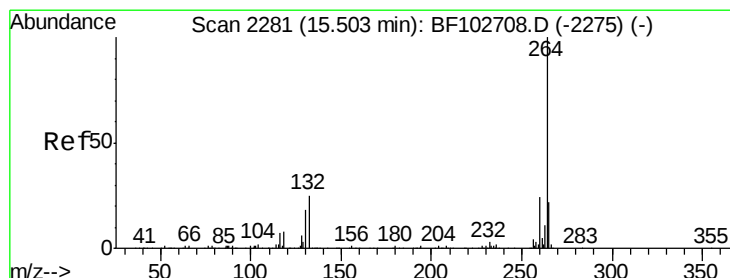
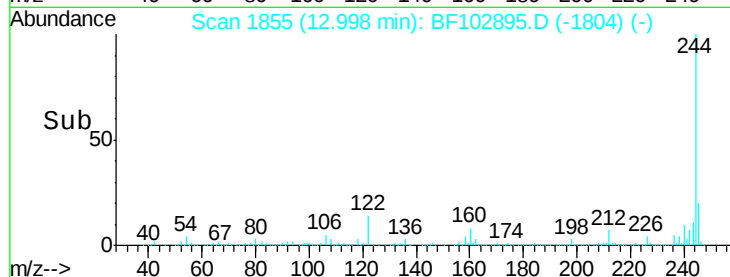
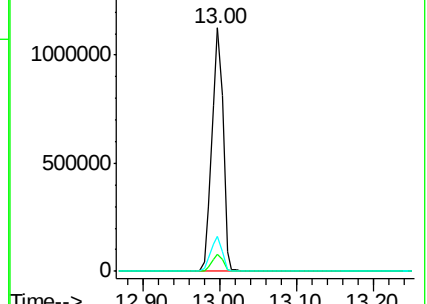
122 14.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102895.D

Acq: 9 Feb 2018 18:10

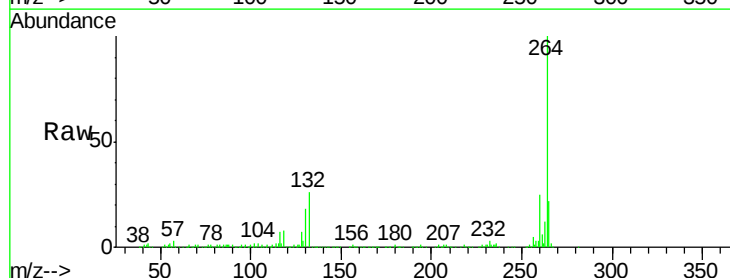
Tgt Ion:264 Resp: 332326

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.1 17.5 26.3



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

