

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102392.D
 Acq On : 24 Jan 2018 16:30
 Operator : SJ/JU
 Sample : J1250-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-18(0-2)

Quant Time: Jan 25 00:33:01 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

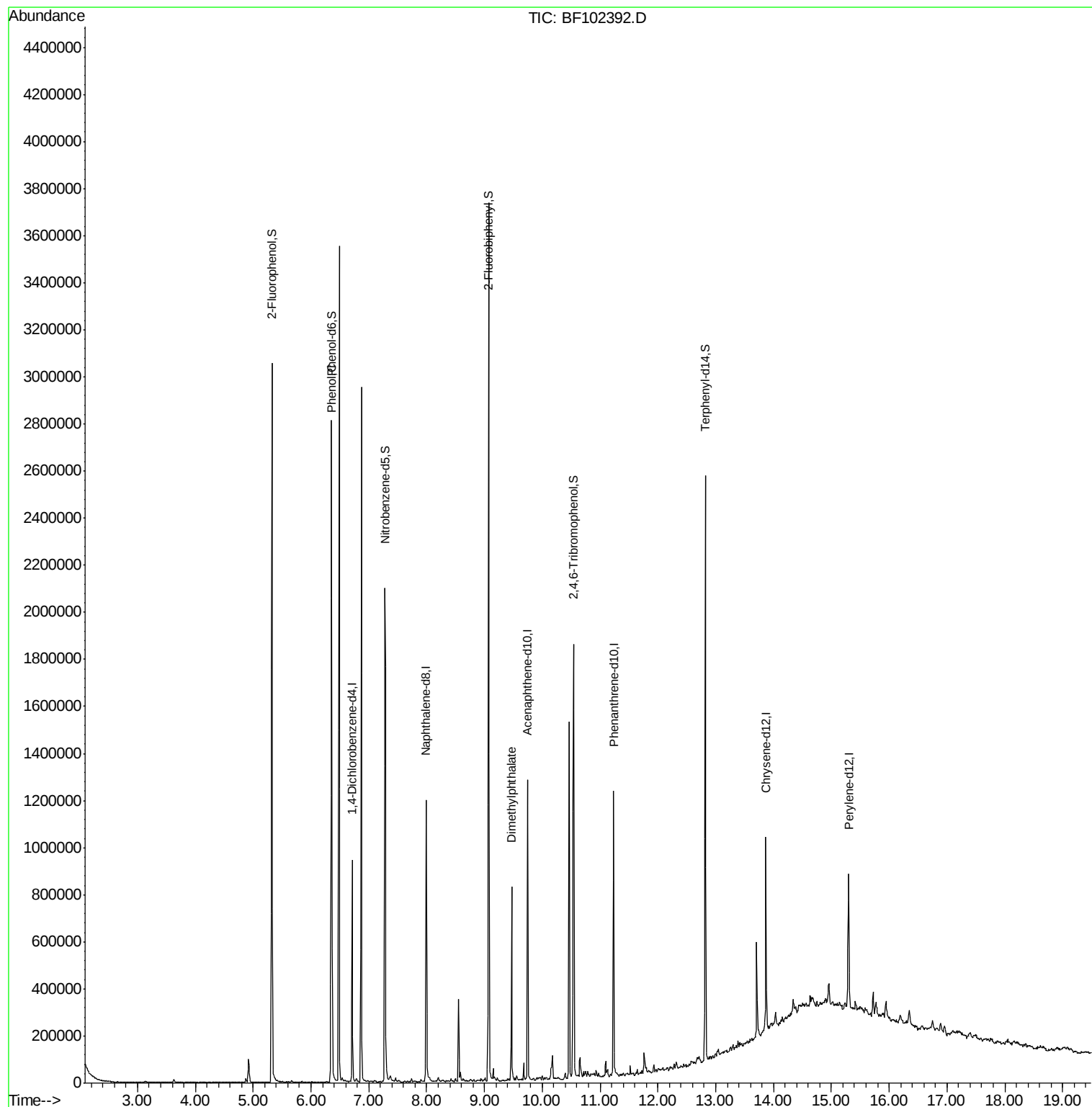
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	140713	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	594503	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	259435	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	420994	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275510	20.00	ng	0.00
86) Perylene-d12	15.30	264	246862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	987889	106.45	ng	0.00
7) Phenol-d6	6.36	99	1224251	109.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	772700	74.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225554	87.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1195196	67.74	ng	0.00
78) Terphenyl-d14	12.82	244	847102	69.31	ng	0.00
Target Compounds						
10) Phenol	6.37	94	60862	4.983	ng	97
49) Dimethylphthalate	9.47	163	315285	14.703	ng	99

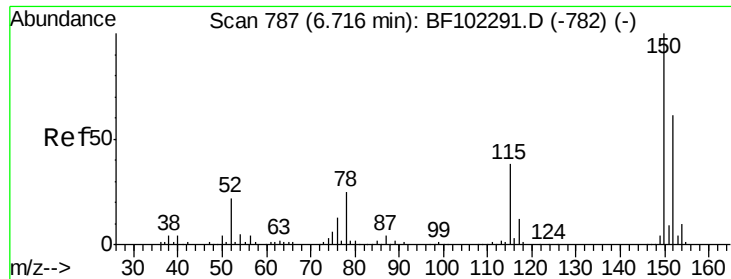
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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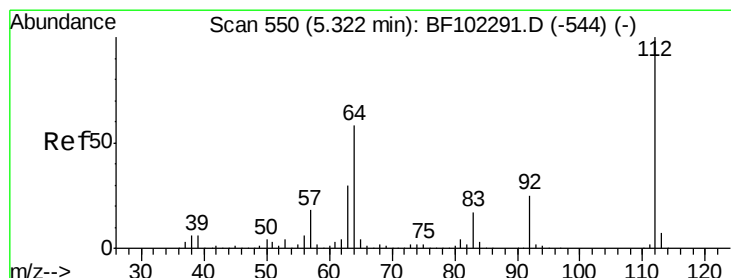
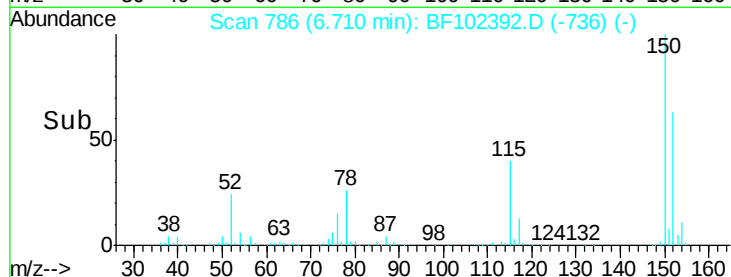
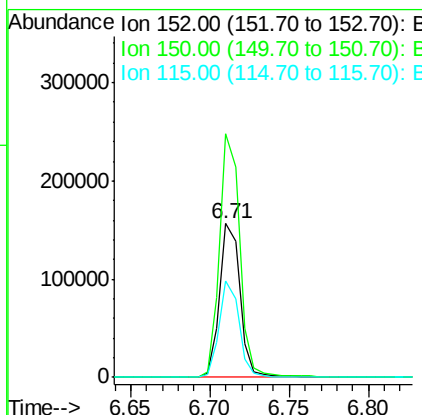
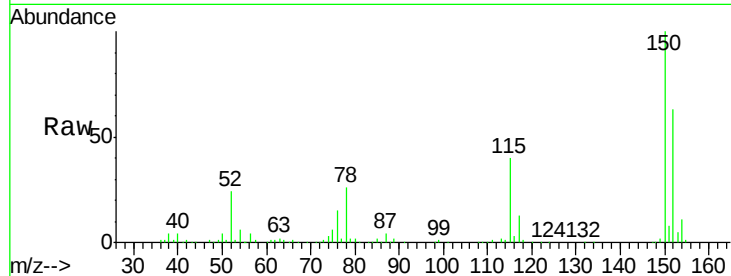


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Instrument :
BNA_F
ClientSampleId :
AB-18(0-2)

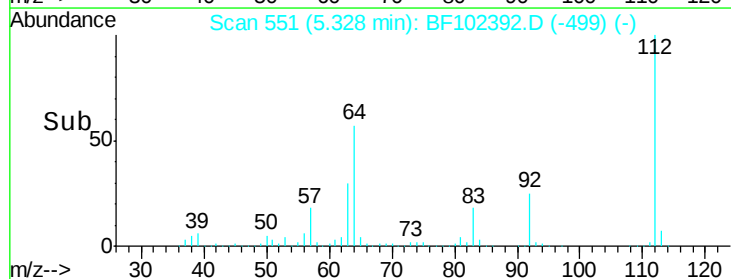
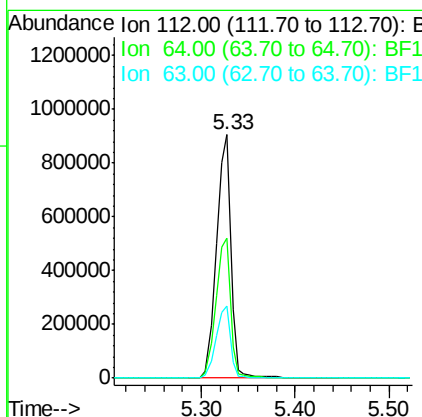
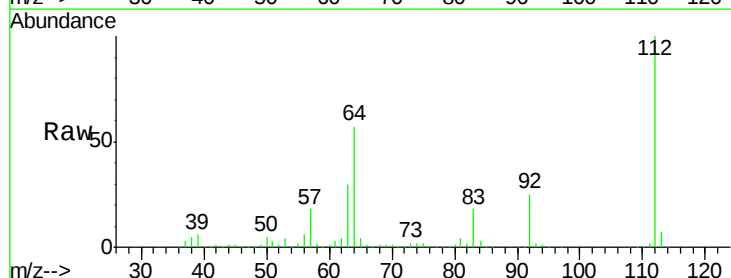
Tgt Ion:152 Resp: 140713
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 63.0 50.1 75.1

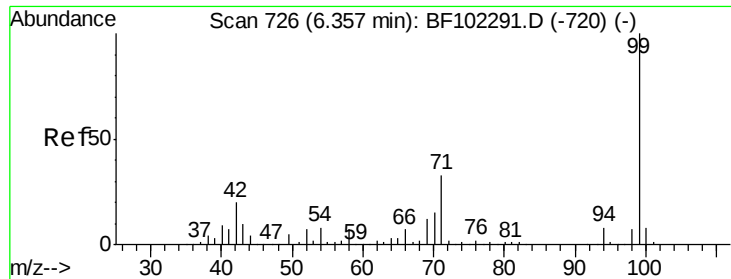


#5

2-Fluorophenol
Concen: 106.450 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102392.D
Acq: 24 Jan 2018 16:30

Tgt Ion:112 Resp: 987889
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 109.423 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

AB-18(0-2)

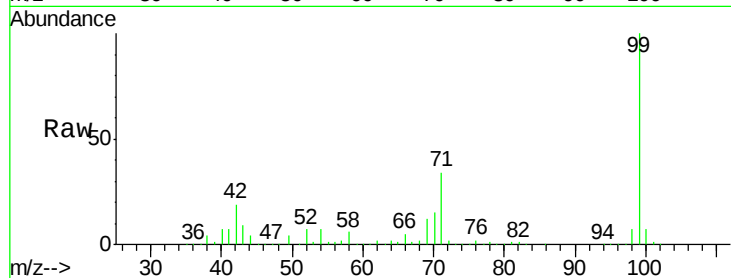
Tgt Ion: 99 Resp: 1224251

Ion Ratio Lower Upper

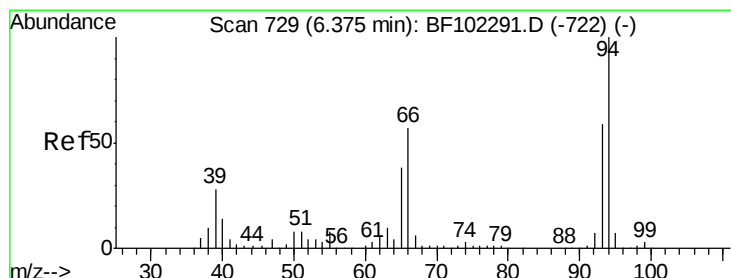
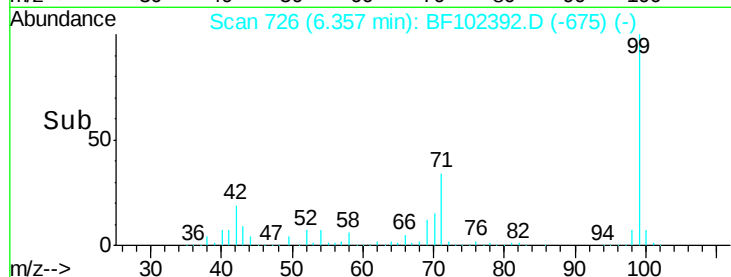
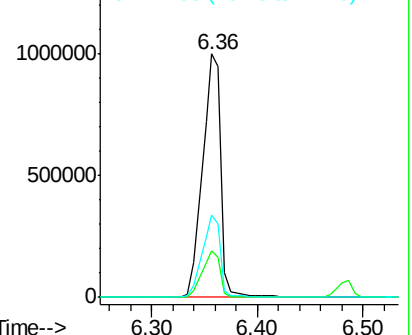
99 100

42 19.3 14.5 21.7

71 33.9 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



#10

Phenol

Concen: 4.983 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

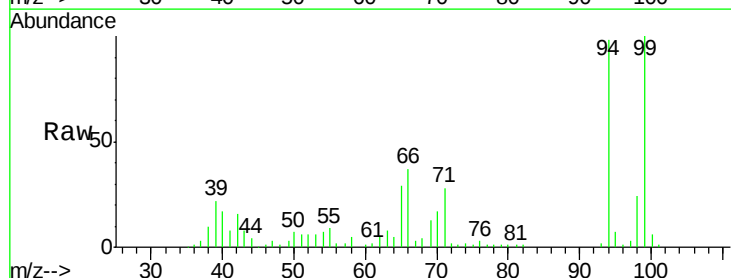
Tgt Ion: 94 Resp: 60862

Ion Ratio Lower Upper

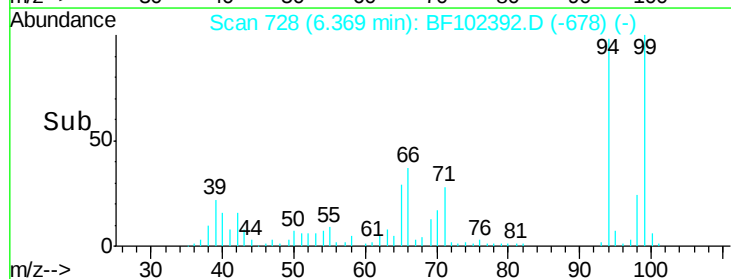
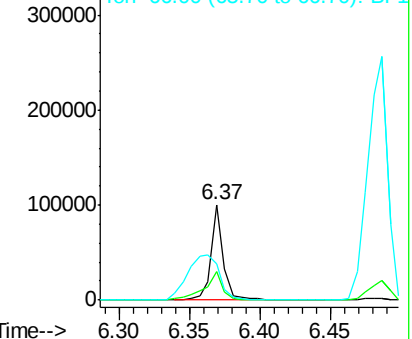
94 100

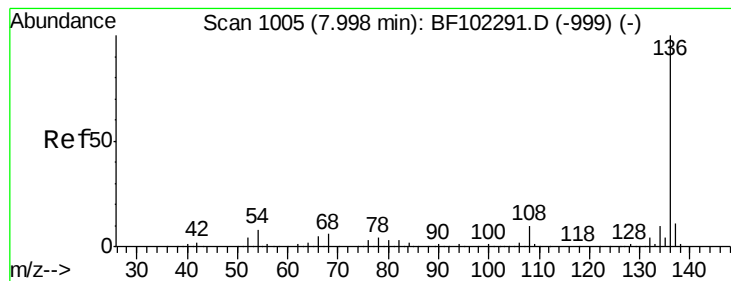
65 29.5 7.9 47.9

66 38.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

AB-18(0-2)

Tgt Ion: 136 Resp: 594503

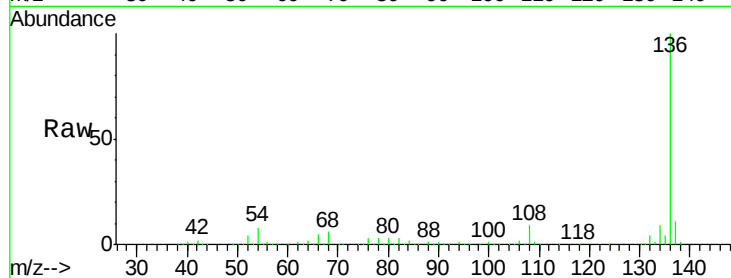
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 5.8 5.0 7.4

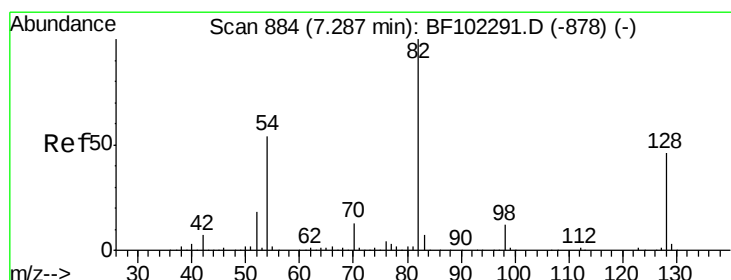
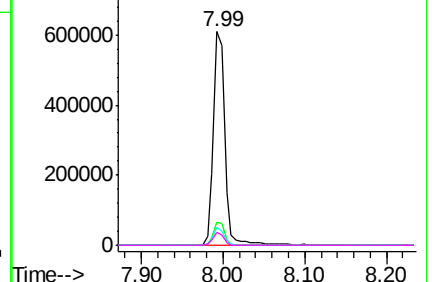
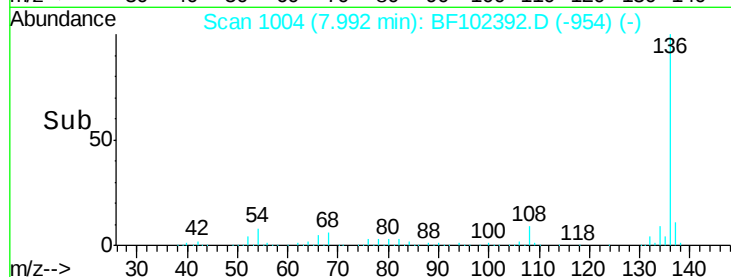


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.692 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

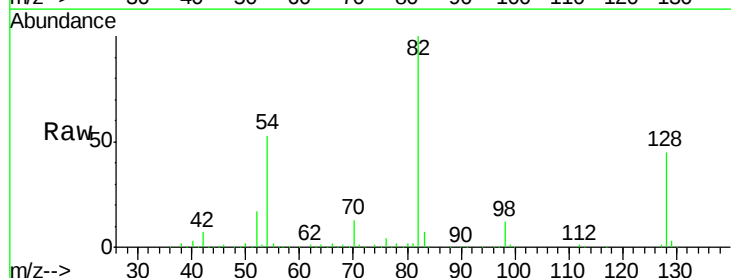
Tgt Ion: 82 Resp: 772700

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

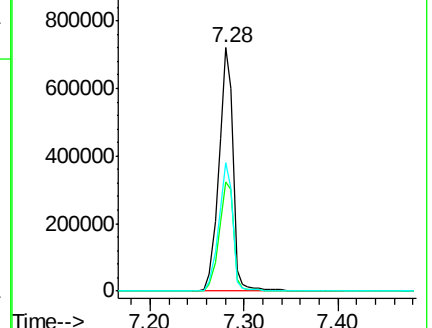
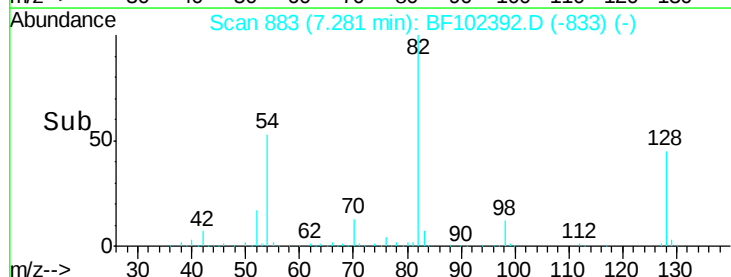
54 53.0 41.4 62.2

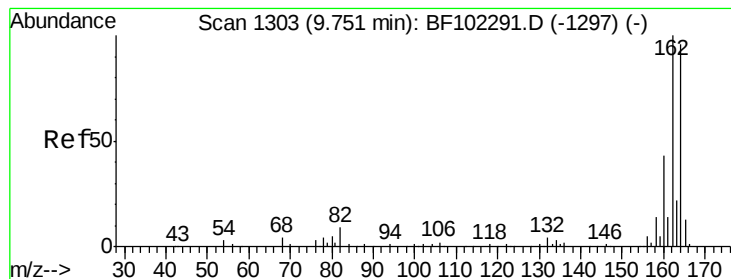


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

AB-18(0-2)

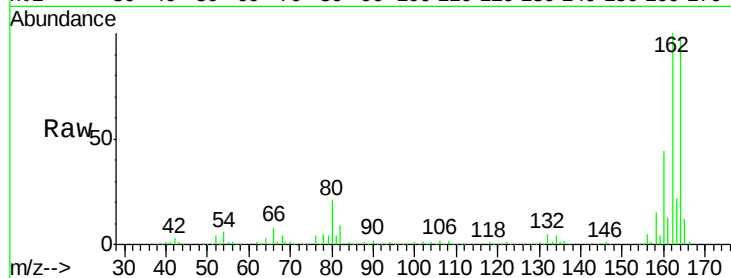
Tgt Ion:164 Resp: 259435

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

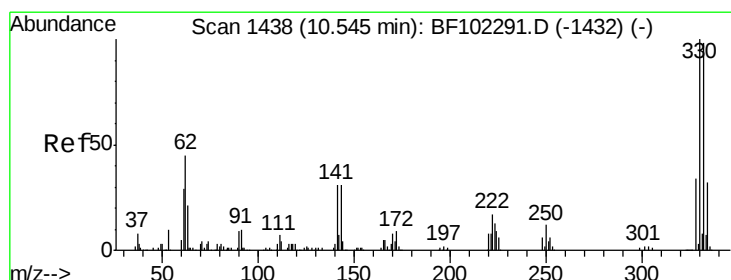
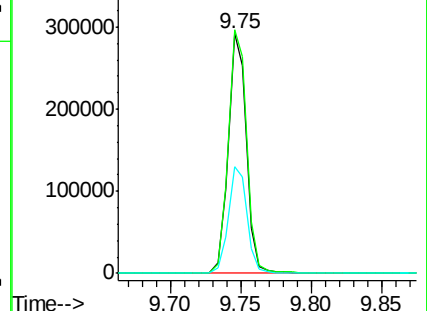
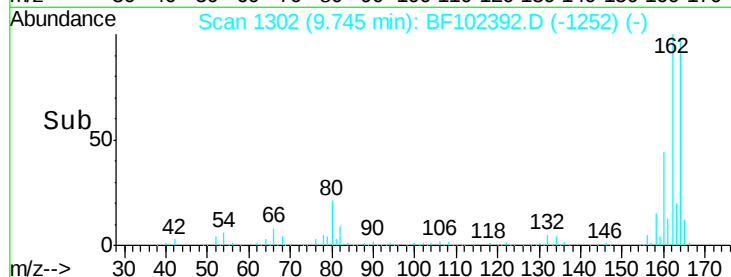
160 44.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 87.743 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

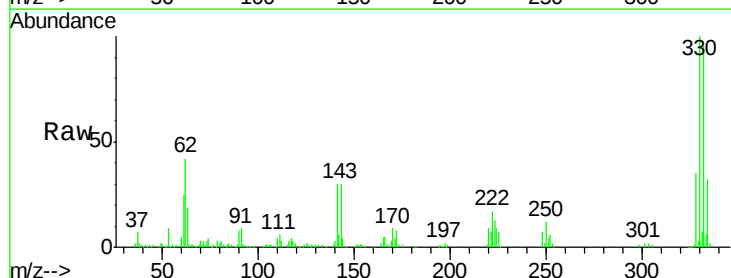
Tgt Ion:330 Resp: 225554

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

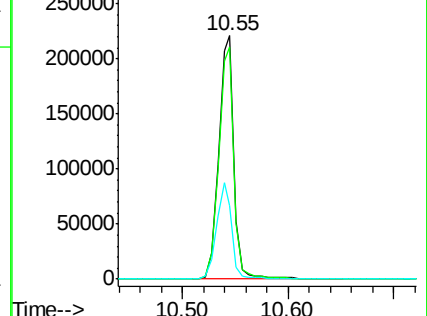
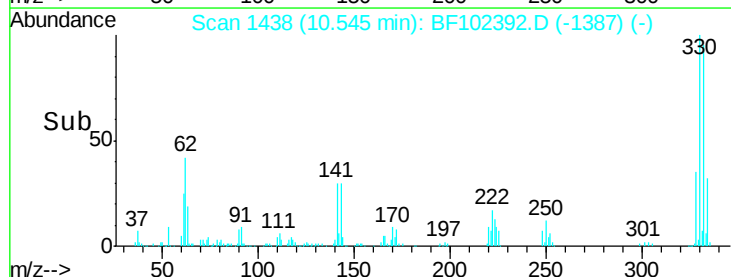
141 39.6 29.9 44.9

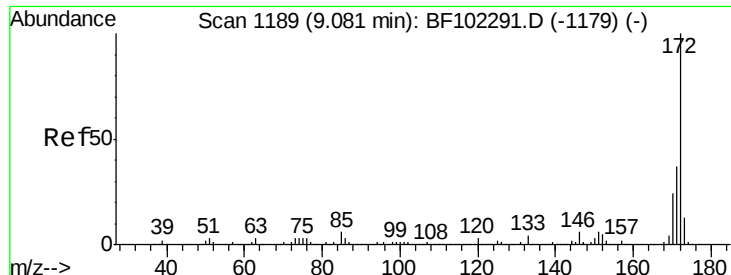


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

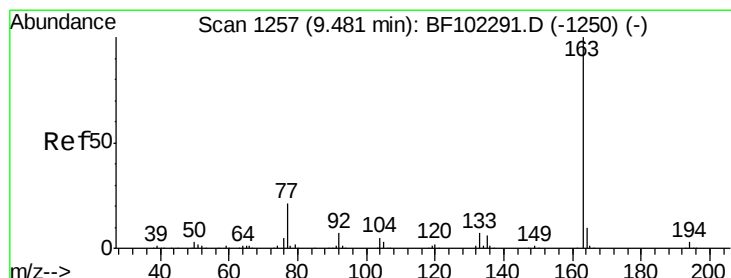
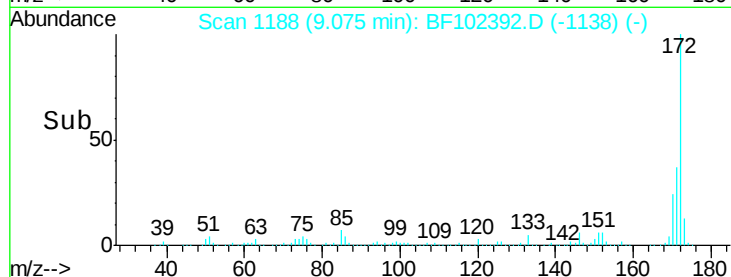
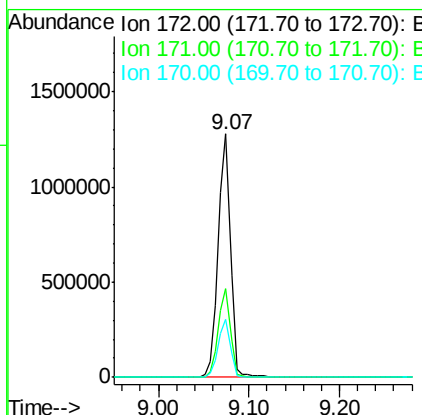
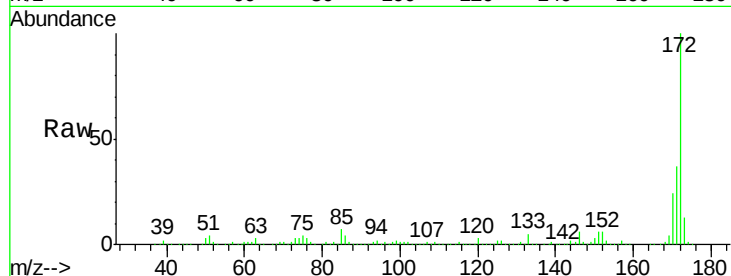




#44
 2-Fluorobiphenyl
 Concen: 67.738 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

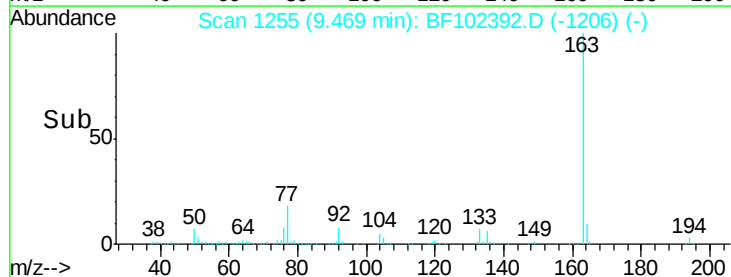
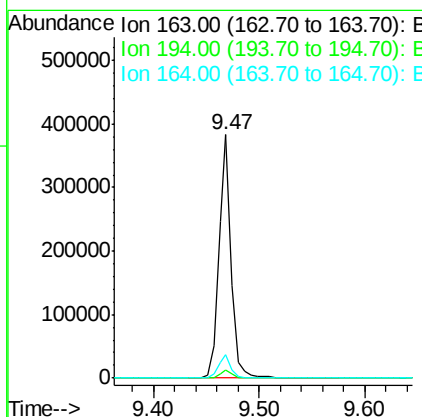
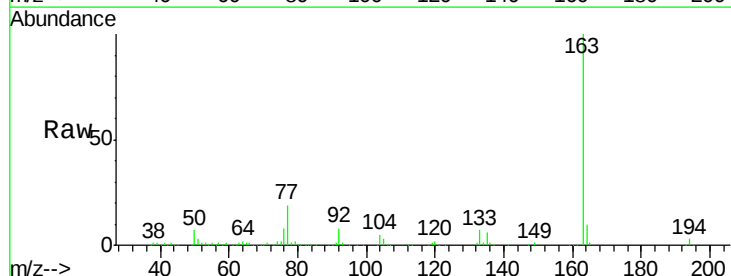
Instrument :
 BNA_F
 ClientSampleId :
 AB-18(0-2)

Tgt Ion:172 Resp: 1195196
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 14.703 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Tgt Ion:163 Resp: 315285
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 9.9 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

Instrument :

BNA_F

ClientSampleId :

AB-18(0-2)

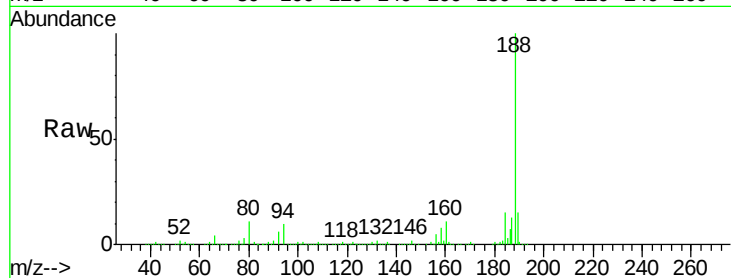
Tgt Ion:188 Resp: 420994

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 11.2 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

600000

500000

400000

300000

200000

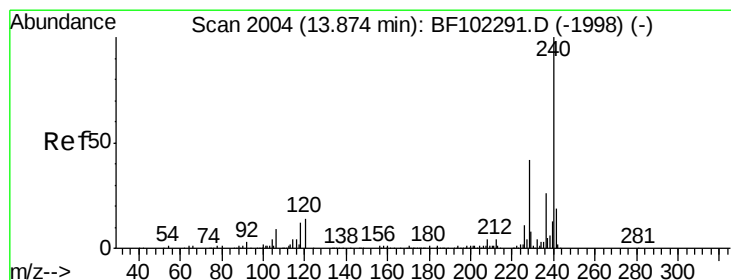
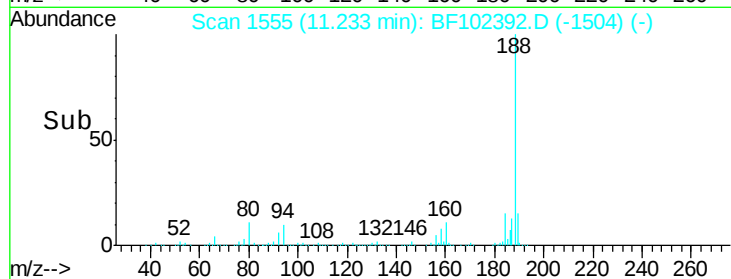
100000

0

11.23

11.20 11.30

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102392.D

Acq: 24 Jan 2018 16:30

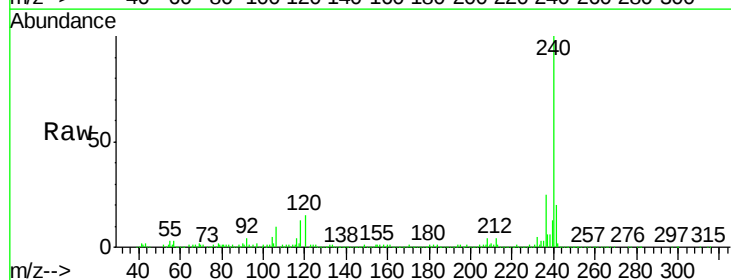
Tgt Ion:240 Resp: 275510

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

236 25.4 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

400000

300000

200000

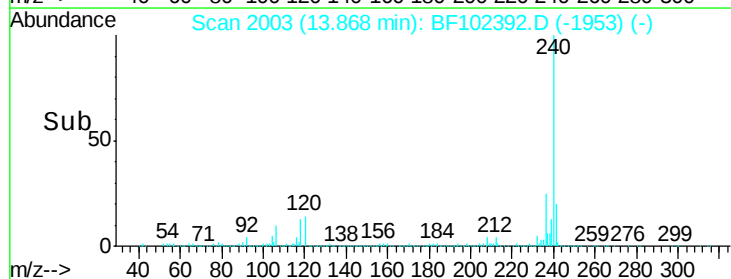
100000

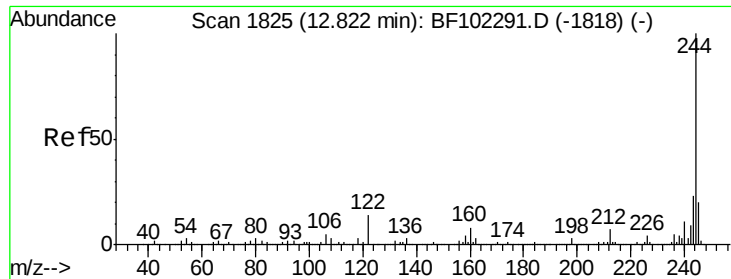
0

13.87

13.80 13.90 14.00

Time-->

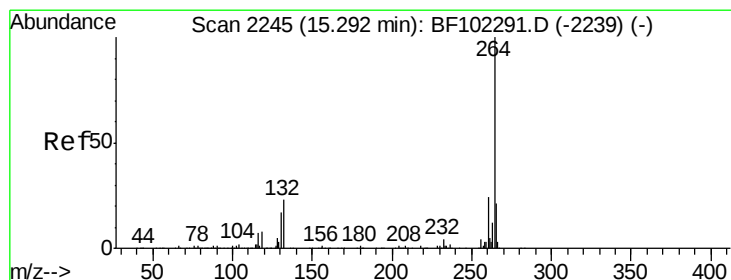
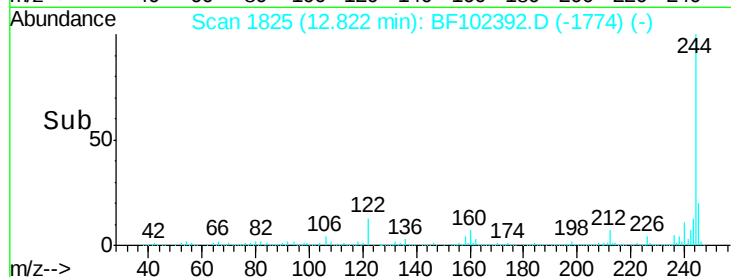
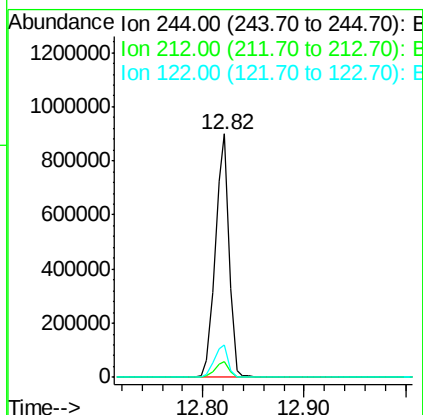
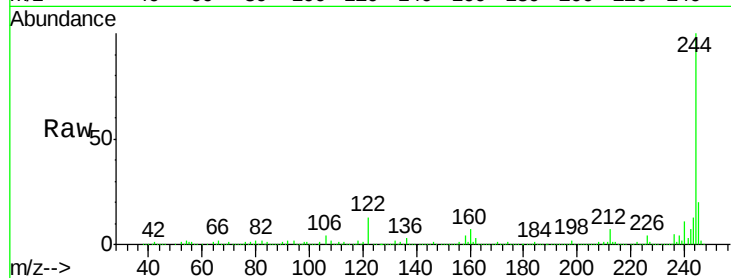




#78
 Terphenyl-d14
 Concen: 69.314 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Instrument :
 BNA_F
 ClientSampleId :
 AB-18(0-2)

Tgt Ion:244 Resp: 847102
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102392.D
 Acq: 24 Jan 2018 16:30

Tgt Ion:264 Resp: 246862
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.9 17.5 26.3

