

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102397.D
 Acq On : 24 Jan 2018 18:45
 Operator : SJ/JU
 Sample : J1250-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-16(0-2)

Quant Time: Jan 25 00:50:02 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

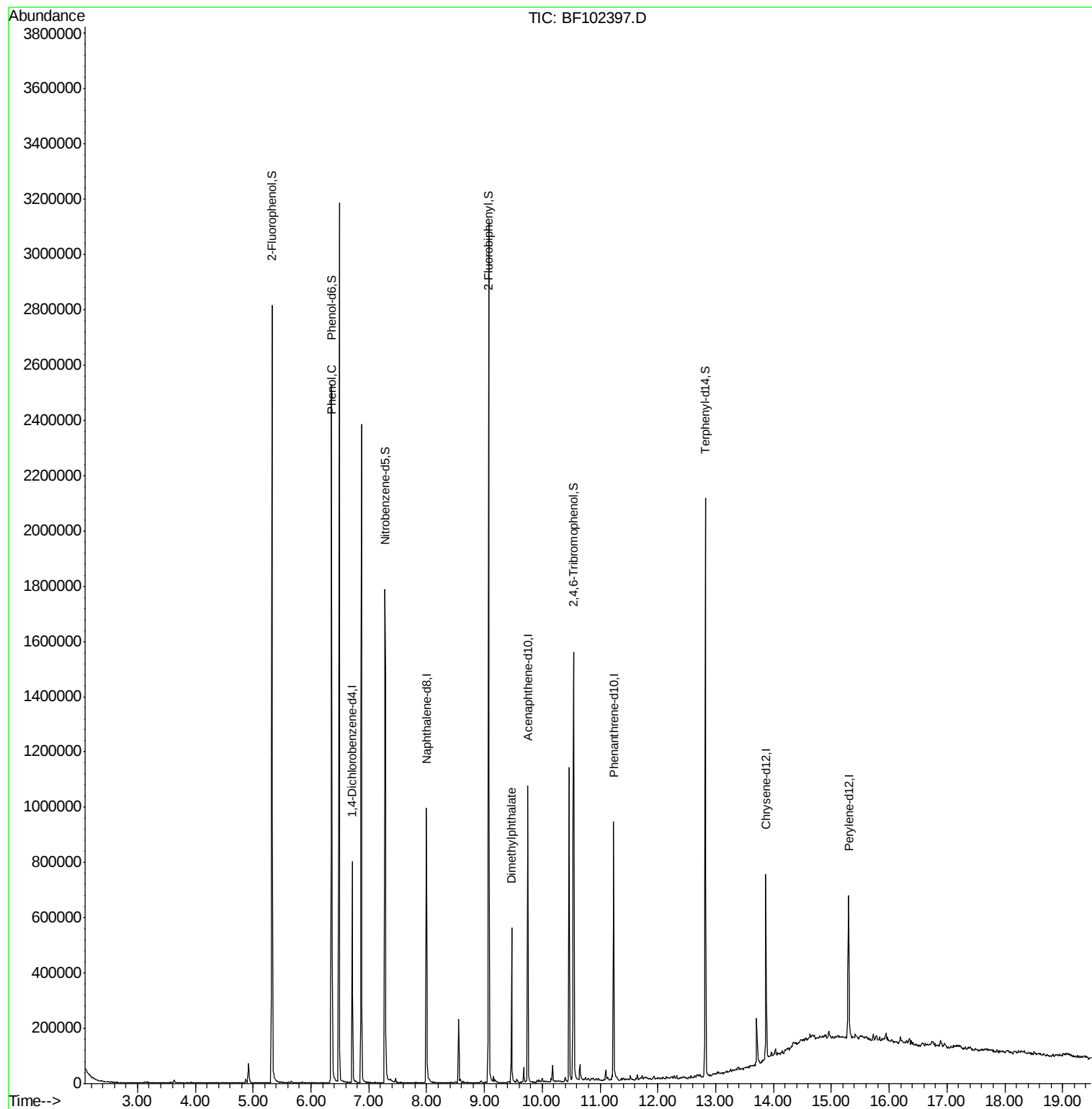
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116724	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	472207	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	205155	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	326429	20.00	ng	0.00
75) Chrysene-d12	13.87	240	238833	20.00	ng	0.00
86) Perylene-d12	15.30	264	232832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	834192	108.36	ng	0.00
7) Phenol-d6	6.36	99	1019060	109.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	631544	76.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	184362	90.69	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	966605	69.28	ng	0.00
78) Terphenyl-d14	12.82	244	681035	64.28	ng	0.00
Target Compounds						
10) Phenol	6.37	94	48014	4.739	ng	98
49) Dimethylphthalate	9.47	163	216651	12.776	ng	100

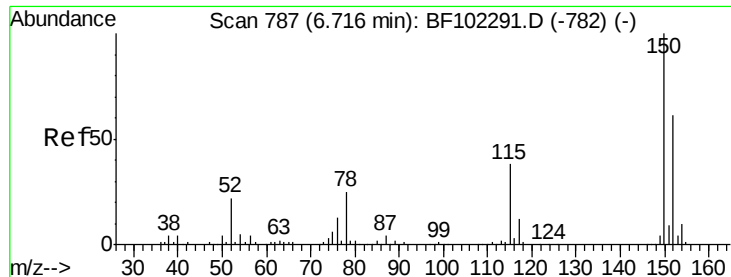
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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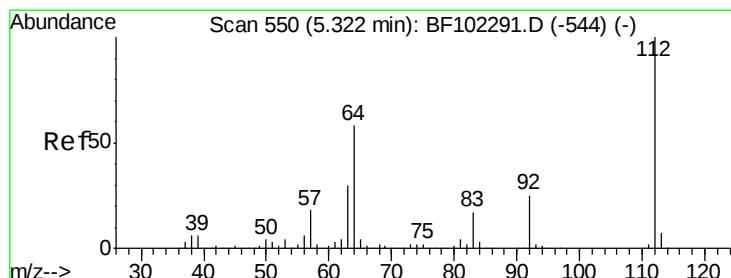
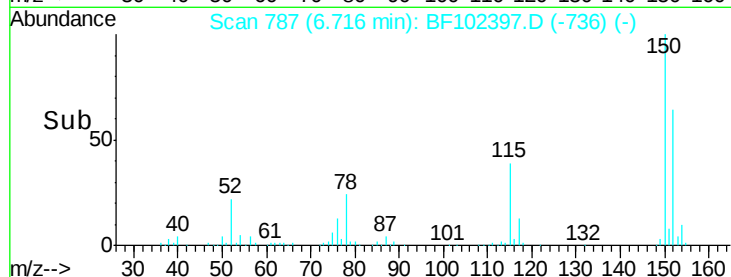
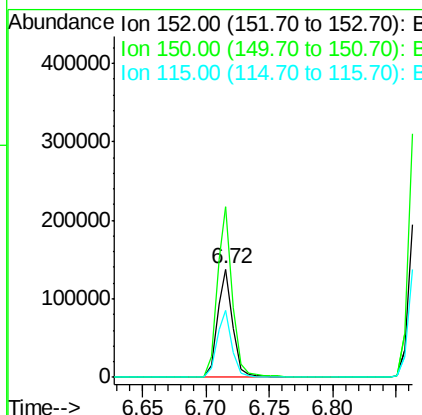
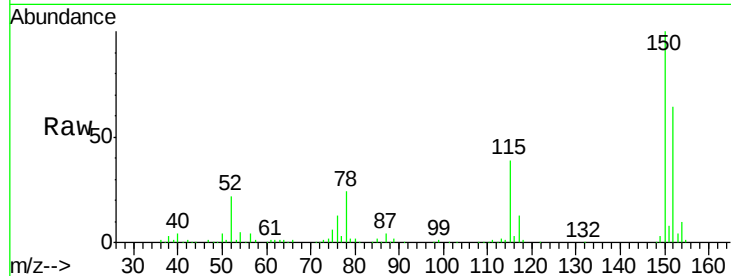


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Instrument :
BNA_F
ClientSampleId :
AB-16(0-2)

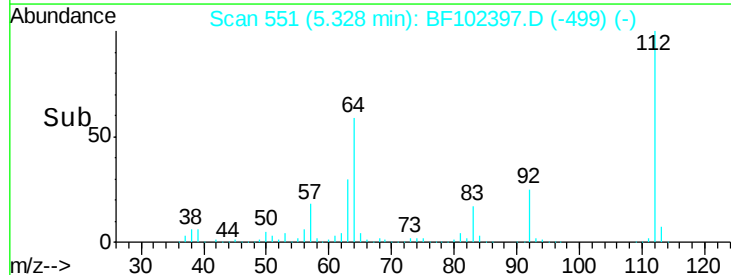
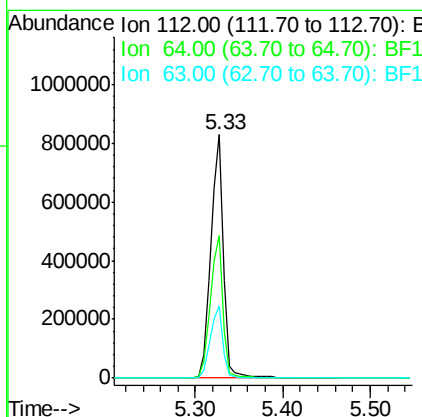
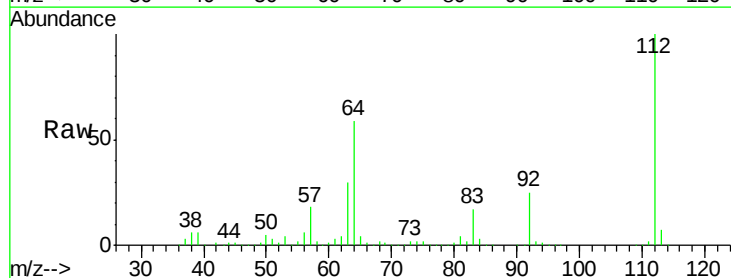
Tgt Ion:152 Resp: 116724
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 61.3 50.1 75.1

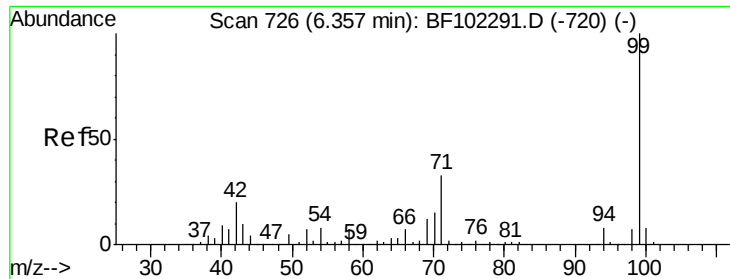


#5

2-Fluorophenol
Concen: 108.363 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion:112 Resp: 834192
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 109.803 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

AB-16(0-2)

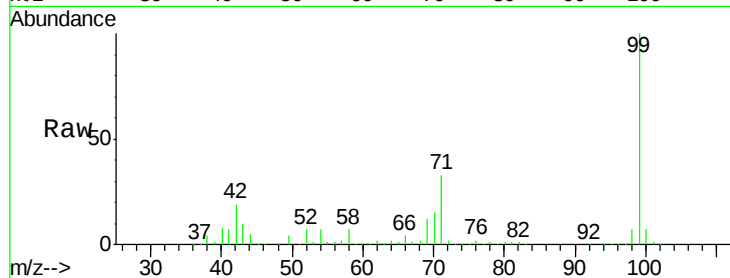
Tgt Ion: 99 Resp: 1019060

Ion Ratio Lower Upper

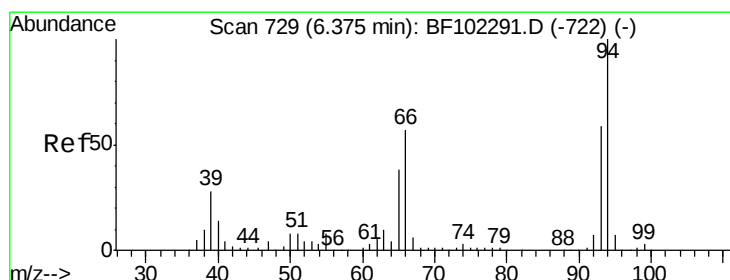
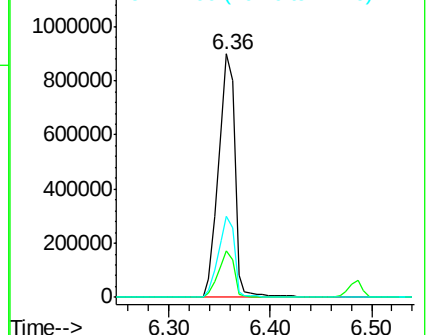
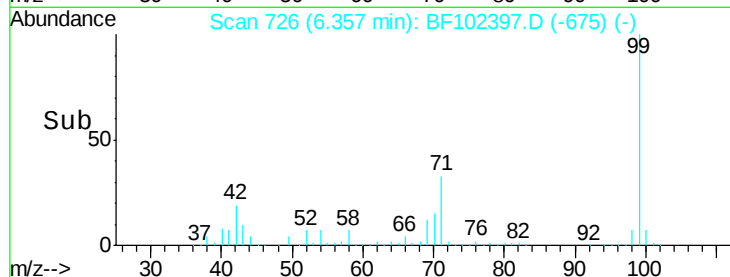
99 100

42 19.3 14.5 21.7

71 33.5 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: 4.739 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

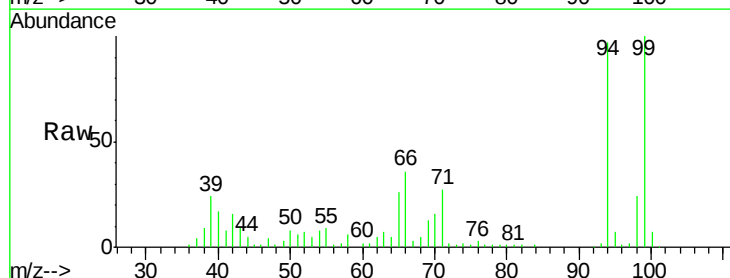
Tgt Ion: 94 Resp: 48014

Ion Ratio Lower Upper

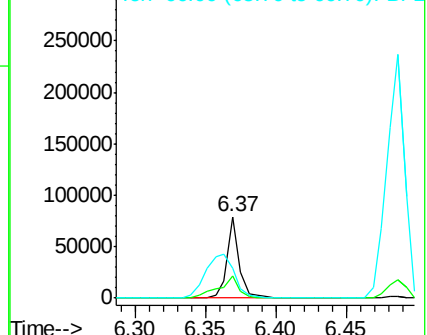
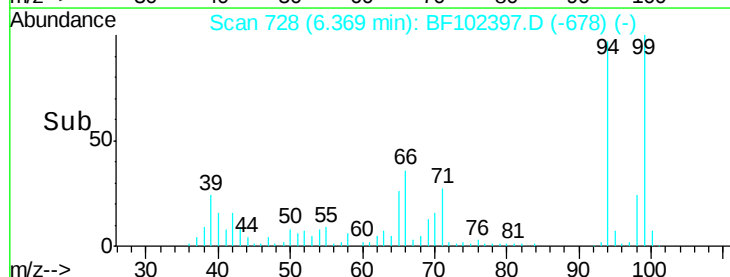
94 100

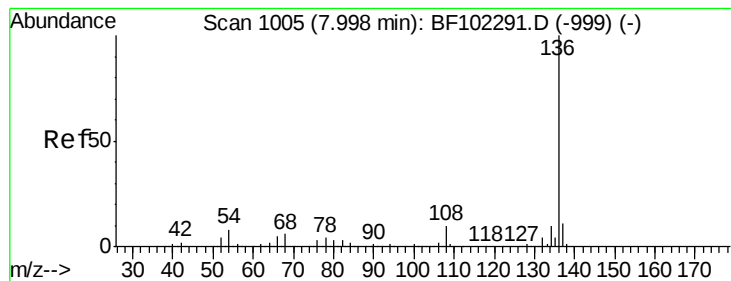
65 26.7 7.9 47.9

66 37.3 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

AB-16(0-2)

Tgt Ion:136 Resp: 472207

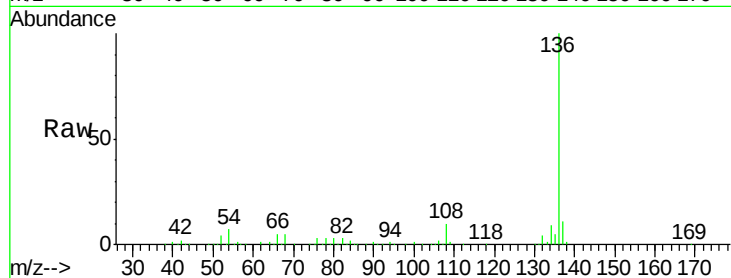
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 6.6 9.8

68 5.1 5.0 7.4

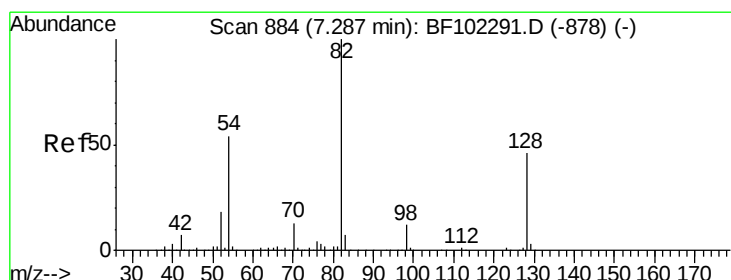
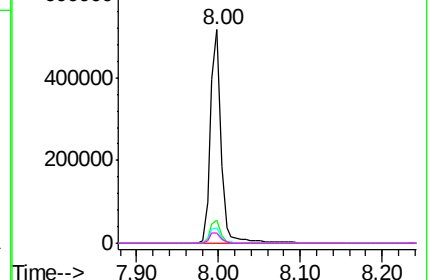
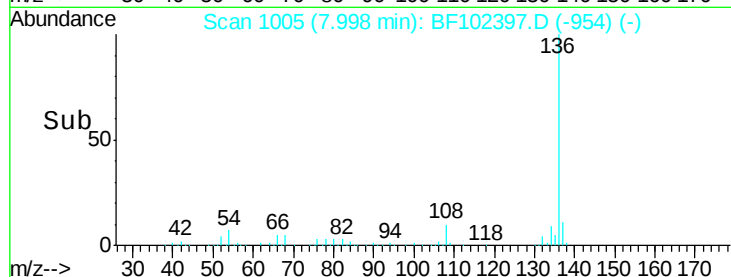


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.858 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

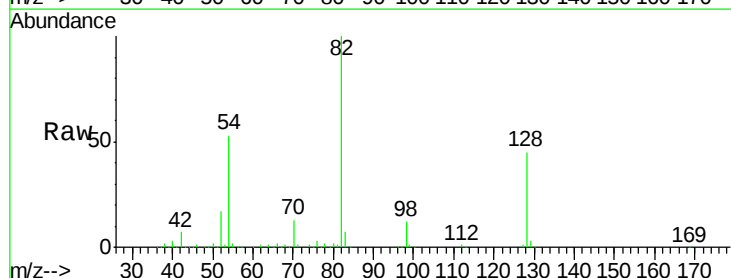
Tgt Ion: 82 Resp: 631544

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

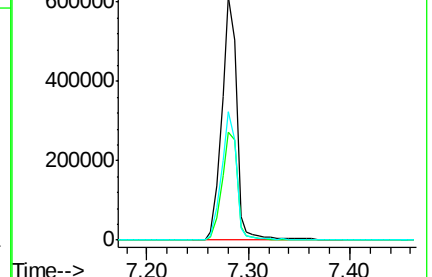
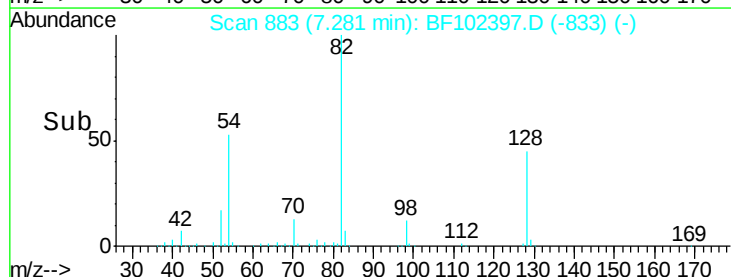
54 53.0 41.4 62.2

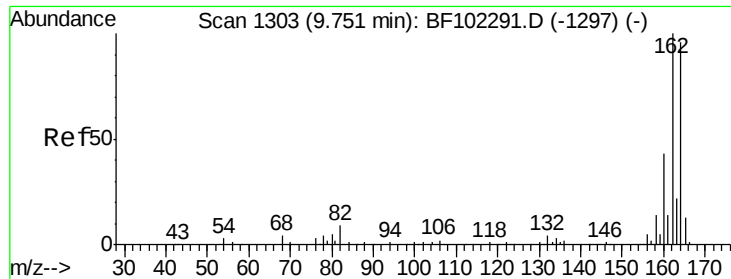


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1303

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

AB-16(0-2)

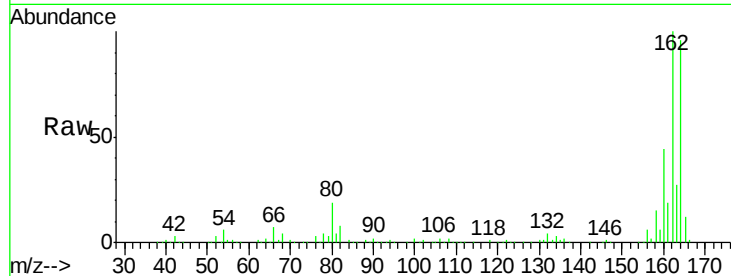
Tgt Ion:164 Resp: 205155

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

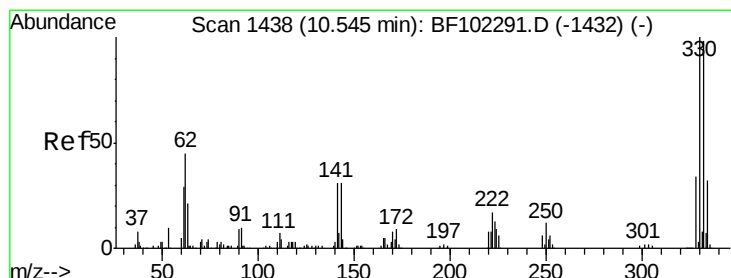
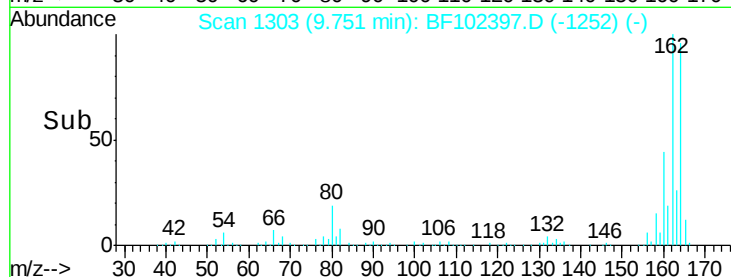
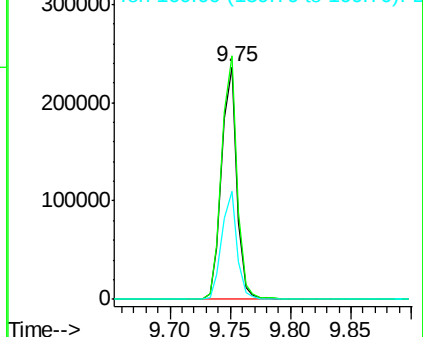
160 46.2 38.3 57.5



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: 90.694 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

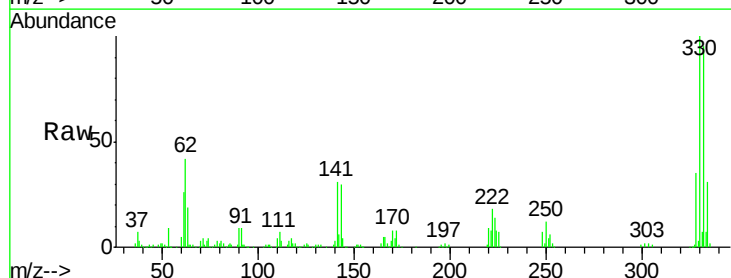
Tgt Ion:330 Resp: 184362

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

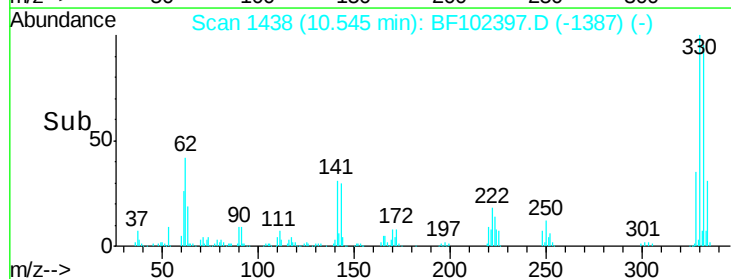
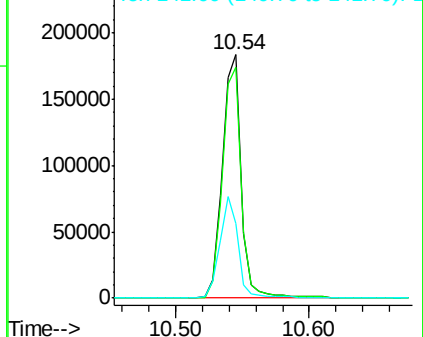
141 40.5 29.9 44.9

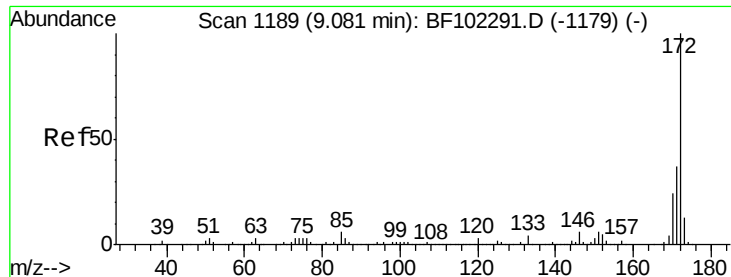


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

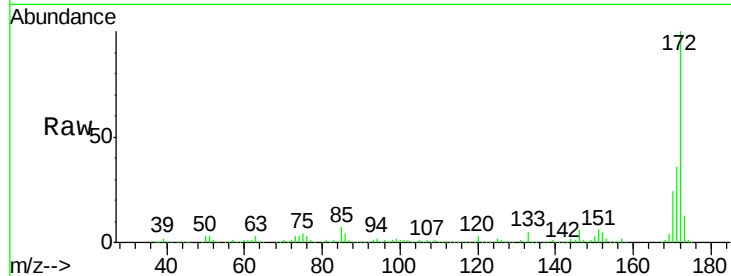




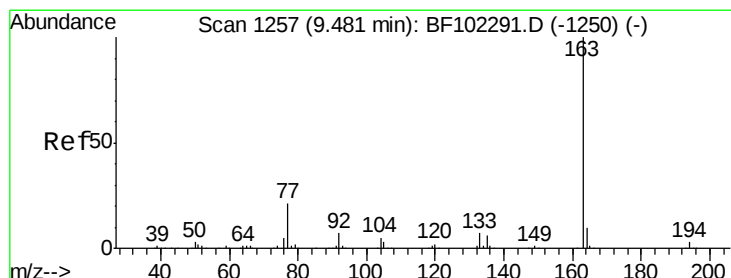
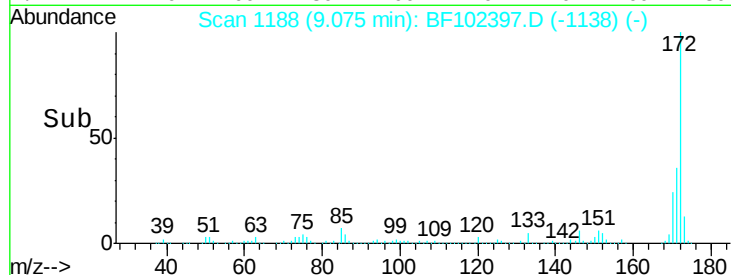
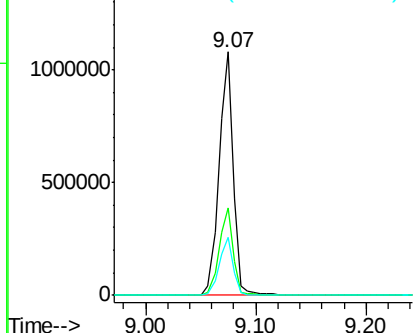
#44
2-Fluorobiphenyl
Concen: 69.277 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Instrument :
BNA_F
ClientSampled :
AB-16(0-2)

Tgt Ion:172 Resp: 966605
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.9 19.6 29.4

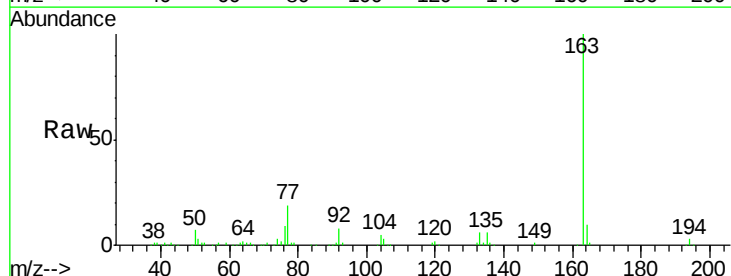


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

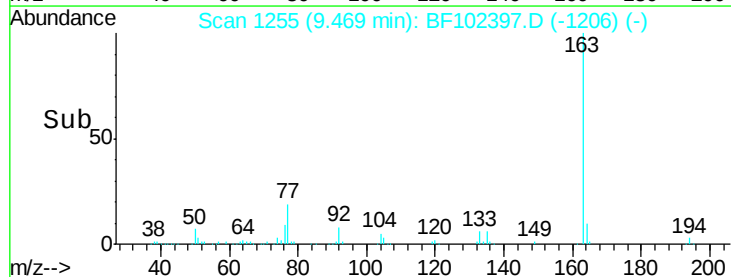
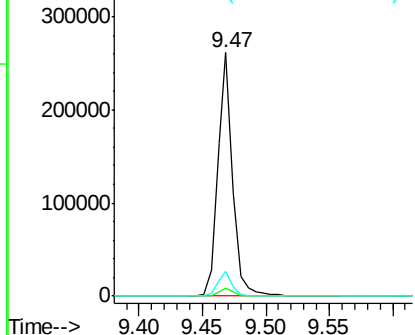


#49
Dimethylphthalate
Concen: 12.776 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102397.D
Acq: 24 Jan 2018 18:45

Tgt Ion:163 Resp: 216651
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 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: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

Instrument :

BNA_F

ClientSampleId :

AB-16(0-2)

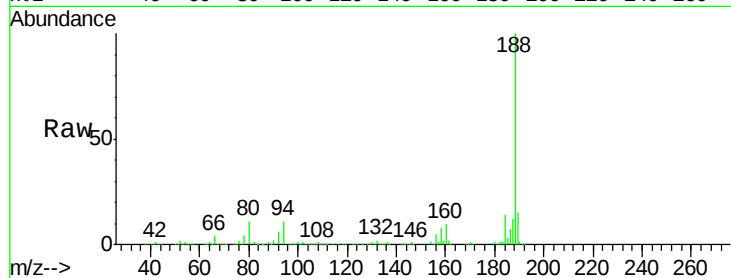
Tgt Ion:188 Resp: 326429

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

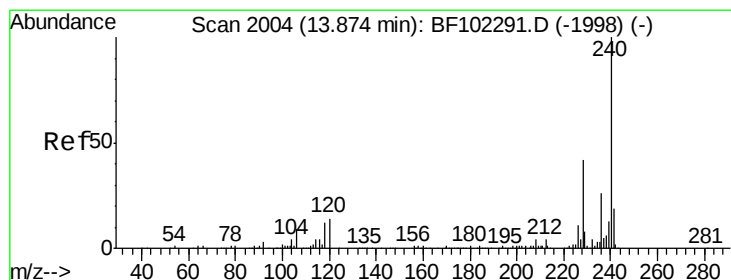
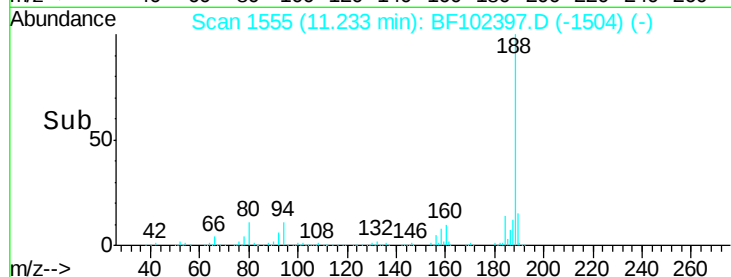
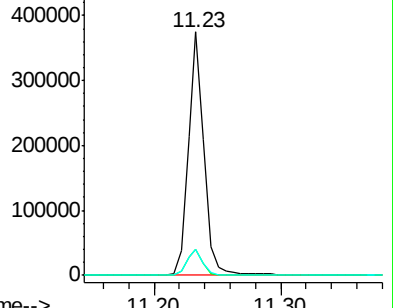
80 10.9 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102397.D

Acq: 24 Jan 2018 18:45

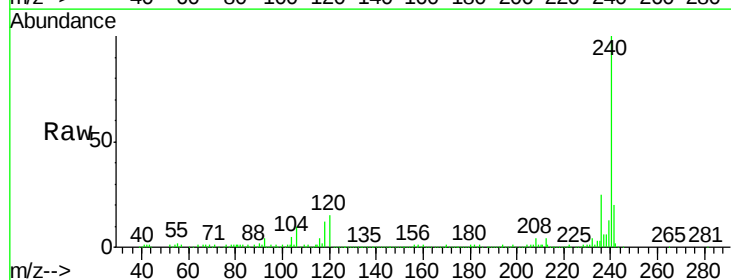
Tgt Ion:240 Resp: 238833

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

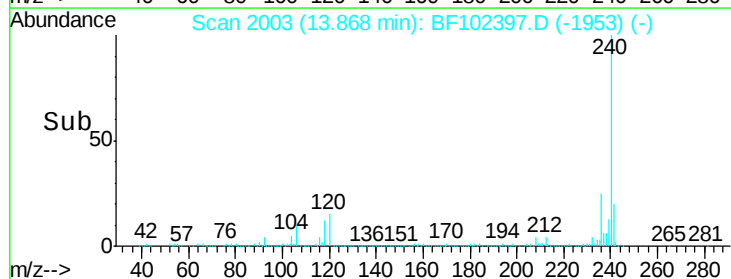
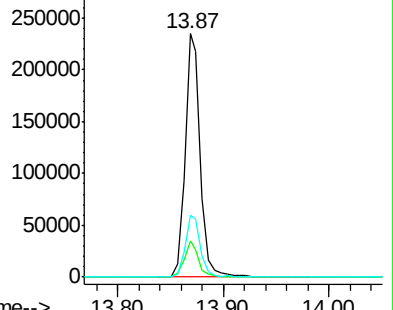
236 25.2 20.7 31.1

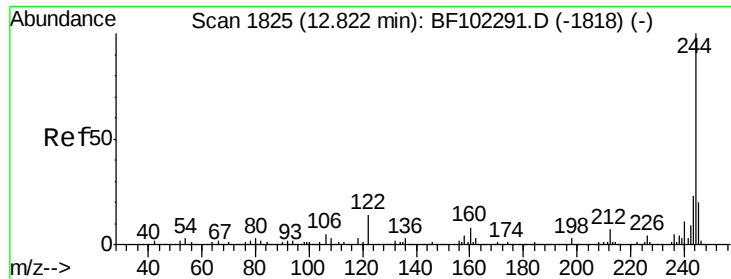


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

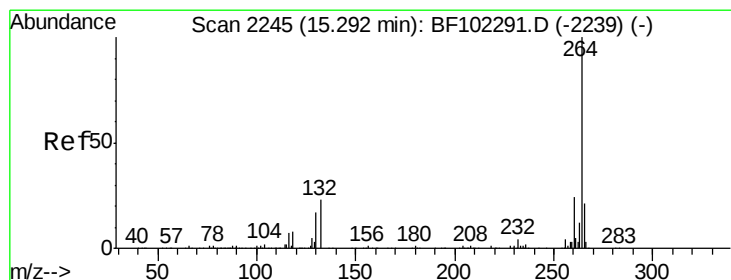
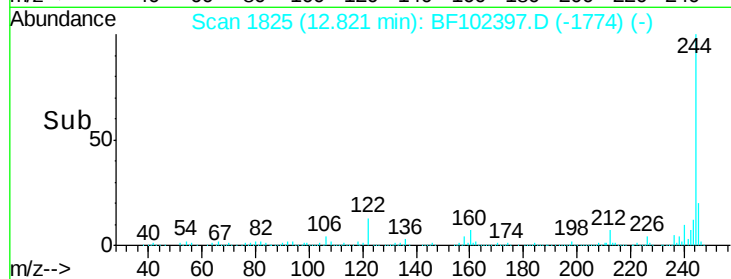
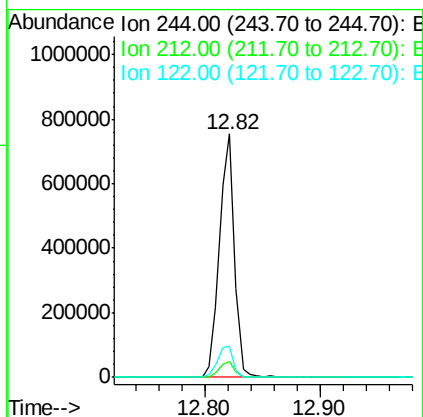
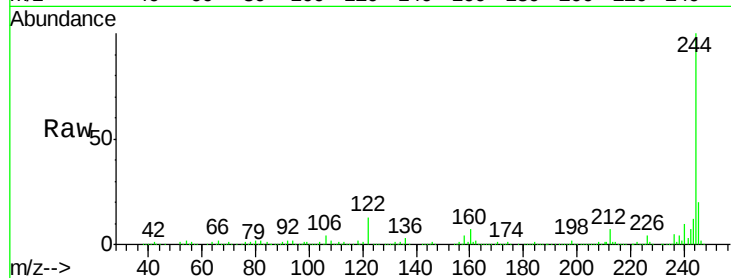




#78
 Terphenyl-d14
 Concen: 64.283 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102397.D
 Acq: 24 Jan 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 AB-16(0-2)

Tgt Ion:244 Resp: 681035
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.8 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: BF102397.D
 Acq: 24 Jan 2018 18:45

Tgt Ion:264 Resp: 232832
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.5 17.5 26.3

