

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF012318\
 Data File : BF102354.D
 Acq On : 23 Jan 2018 20:51
 Operator : SJ/JU
 Sample : J1015-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012218-D

Quant Time: Jan 24 02:36:02 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

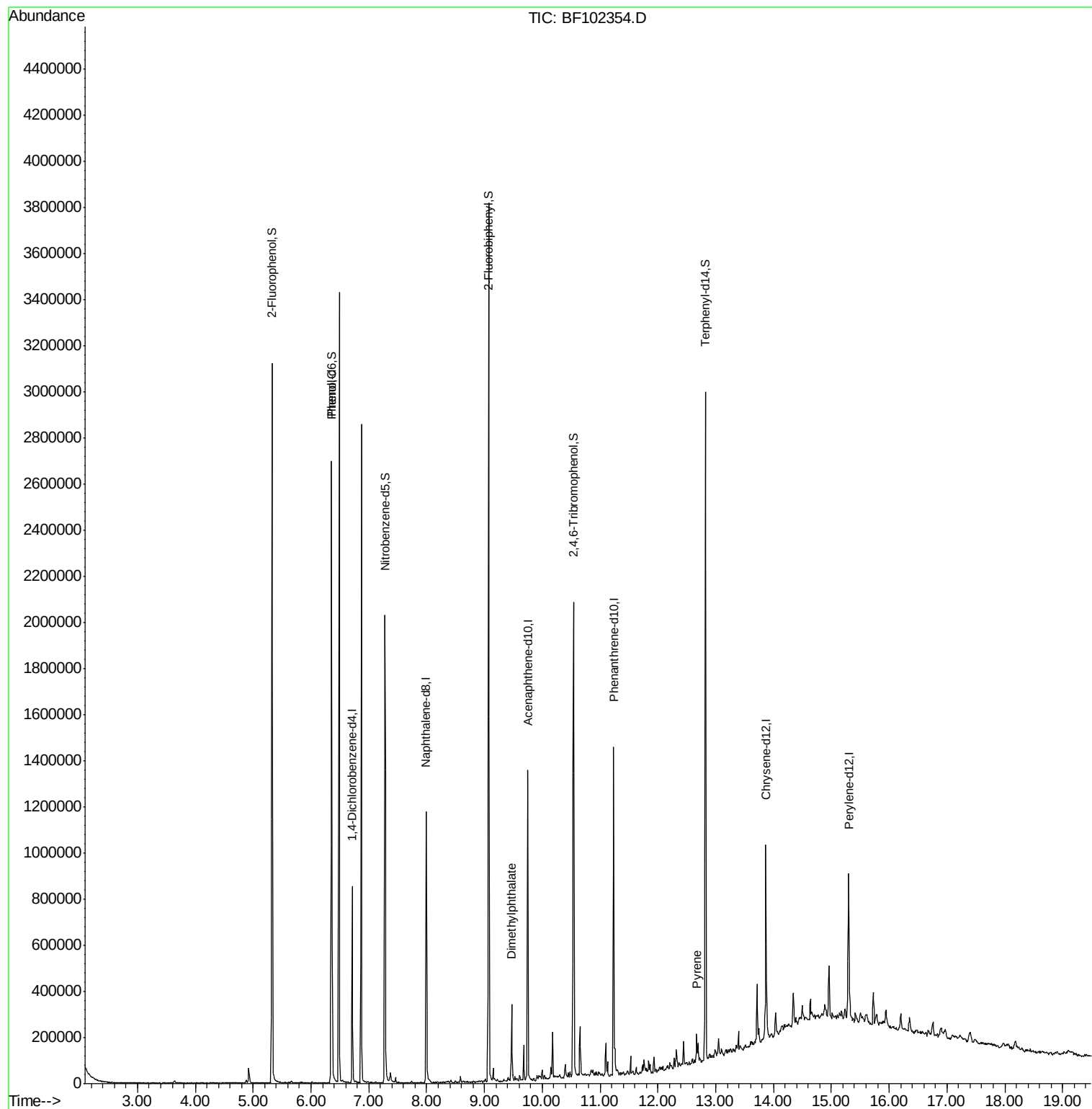
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137617	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	603152	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276693	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	475825	20.00	ng	0.00
75) Chrysene-d12	13.87	240	298540	20.00	ng	0.00
86) Perylene-d12	15.30	264	267842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	948400	104.49	ng	0.00
7) Phenol-d6	6.36	99	1169551	106.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	734564	69.99	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251981	91.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1248651	66.35	ng	0.00
78) Terphenyl-d14	12.82	244	1069606	80.77	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53098	4.445	ng	93
49) Dimethylphthalate	9.47	163	127350	5.568	ng	98
77) Pyrene	12.67	202	50979	2.209	ng	98

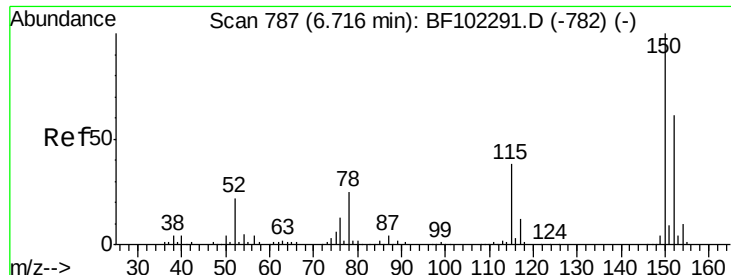
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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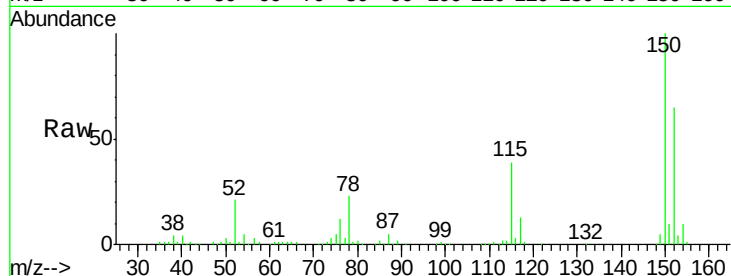


#1

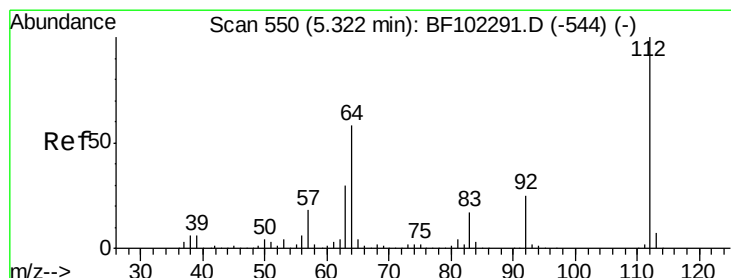
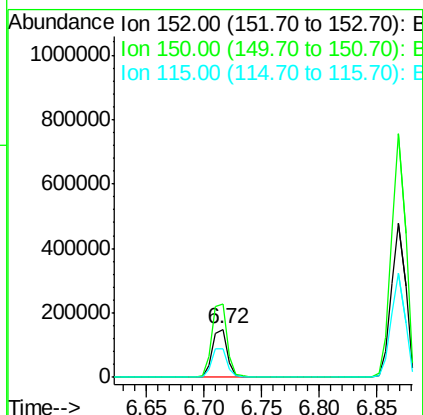
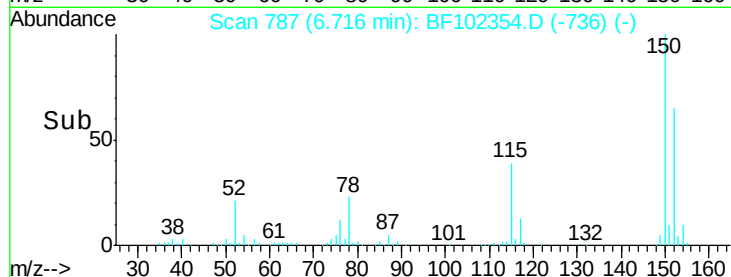
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-D

Tgt Ion:152 Resp: 137617
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 60.1 50.1 75.1



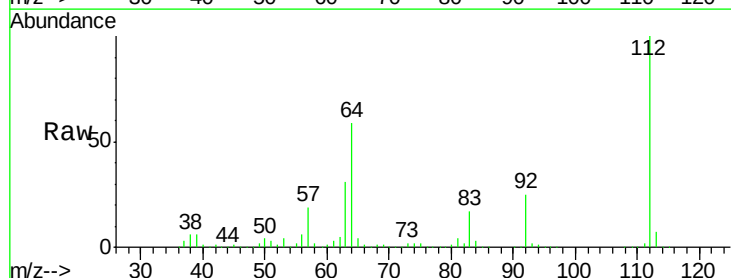
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



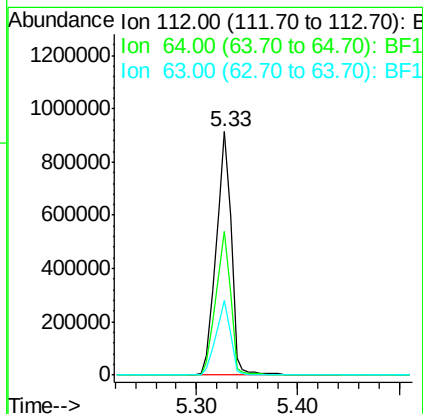
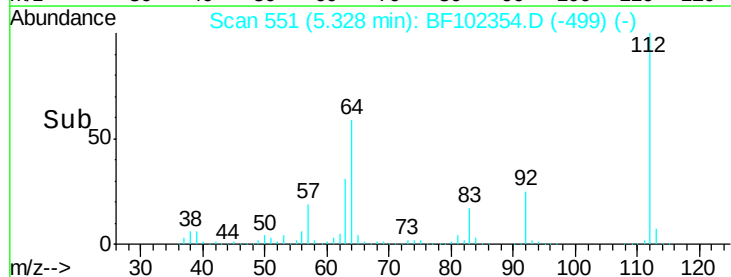
#5

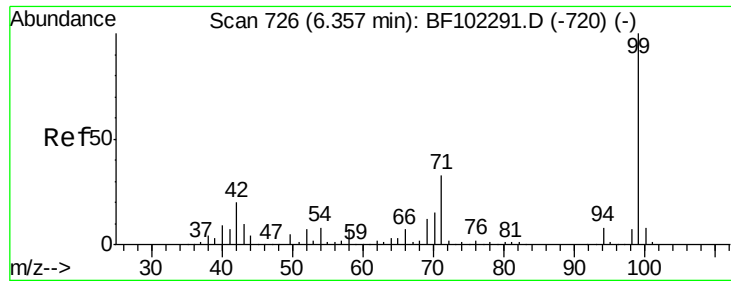
2-Fluorophenol
Concen: 104.494 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:112 Resp: 948400
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.5 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: 106.886 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-D

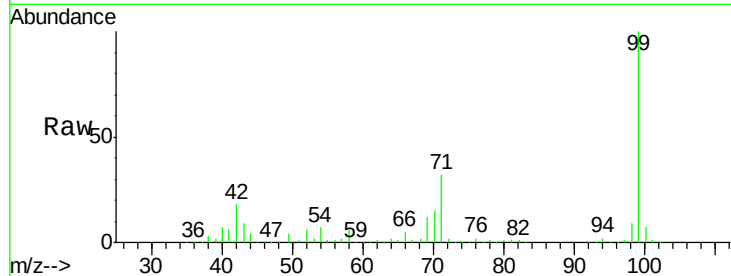
Tgt Ion: 99 Resp: 1169551

Ion Ratio Lower Upper

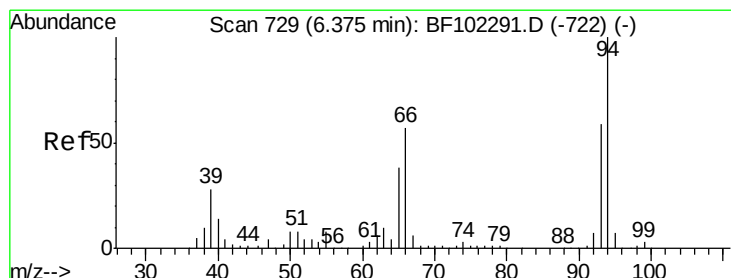
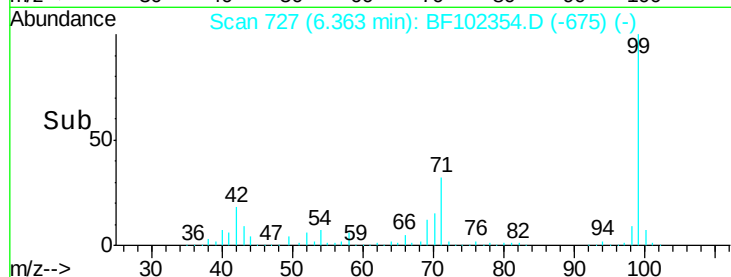
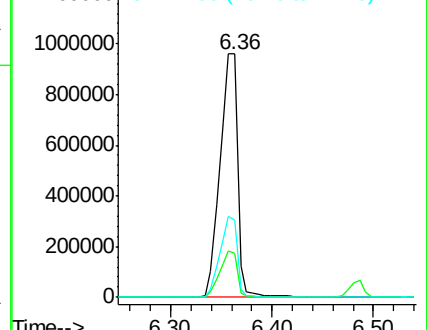
99 100

42 18.0 14.5 21.7

71 31.9 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: 4.445 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

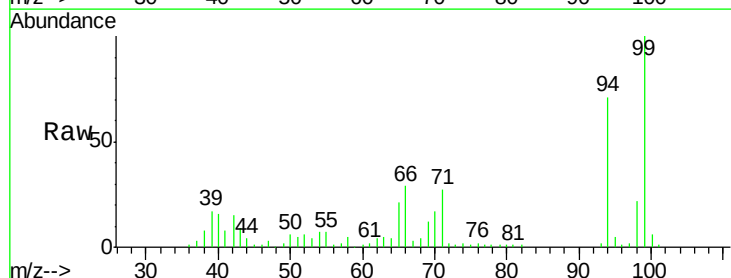
Tgt Ion: 94 Resp: 53098

Ion Ratio Lower Upper

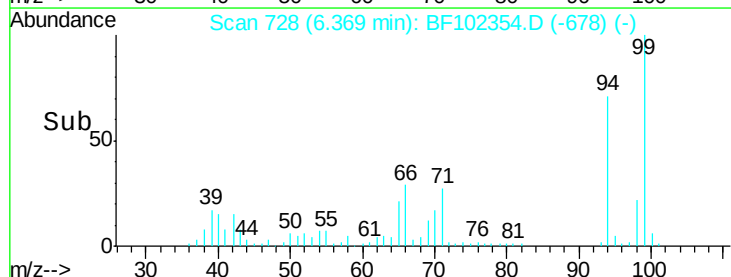
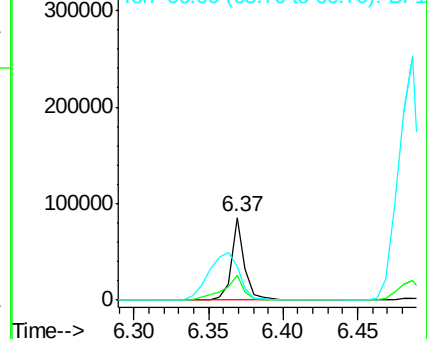
94 100

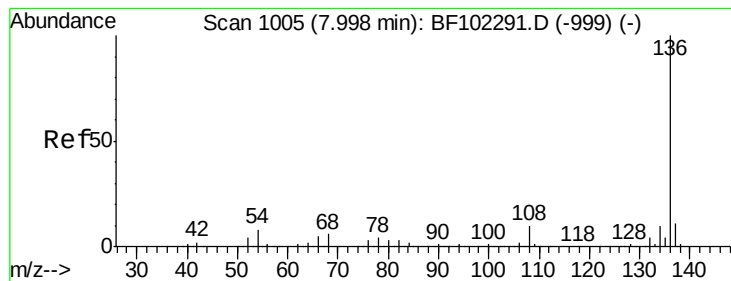
65 30.0 7.9 47.9

66 41.6 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: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-D

Tgt Ion: 136 Resp: 603152

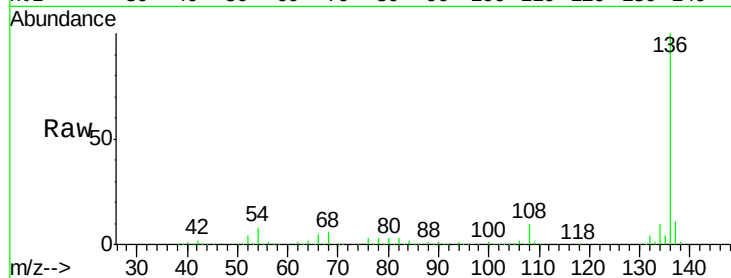
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 5.7 5.0 7.4

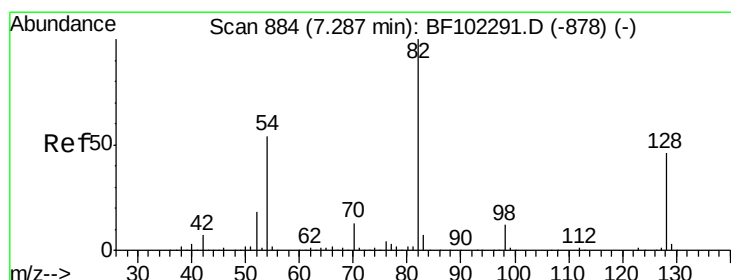
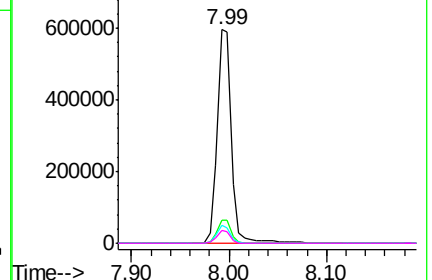
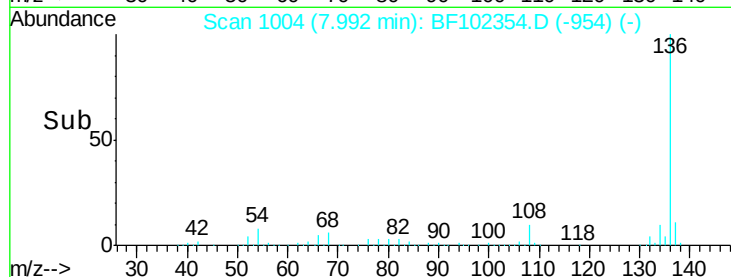


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.988 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

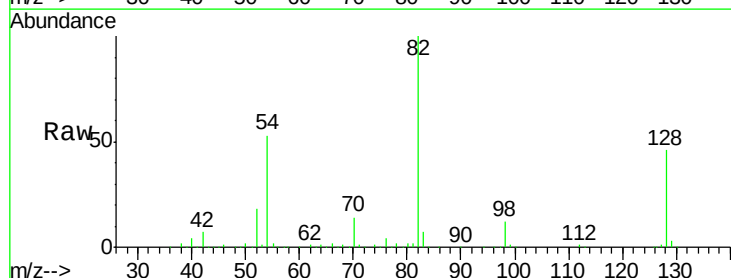
Tgt Ion: 82 Resp: 734564

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

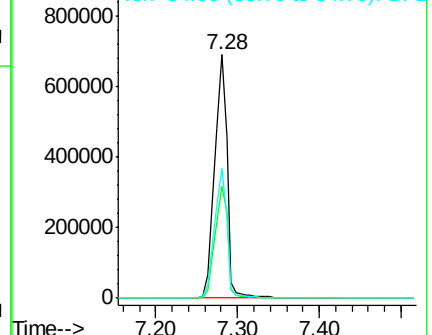
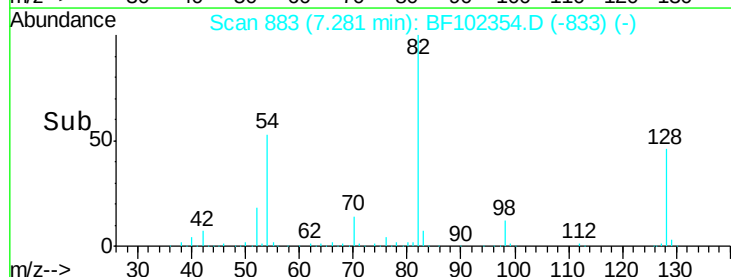
54 53.2 41.4 62.2

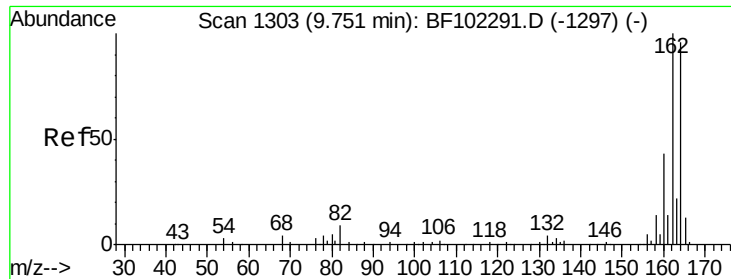


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-D

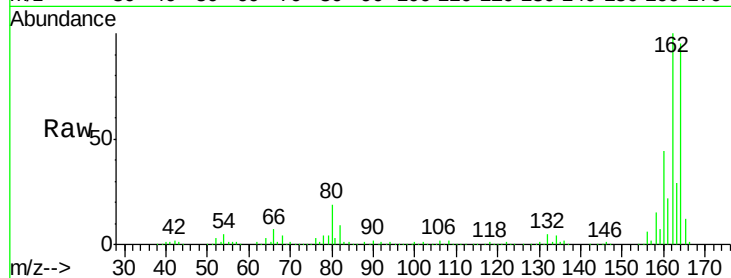
Tgt Ion:164 Resp: 276693

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

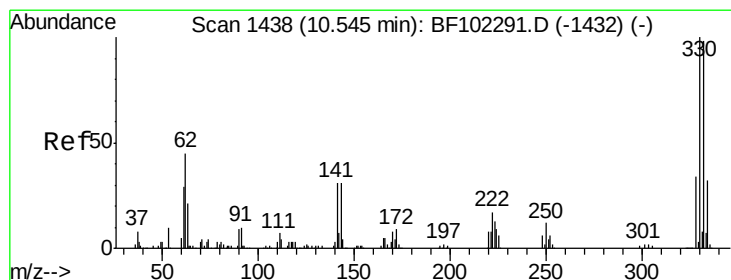
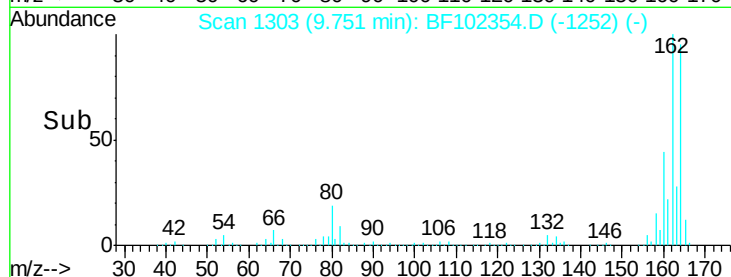
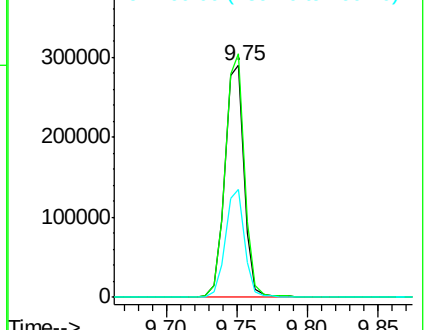
160 46.6 38.3 57.5



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: 91.909 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

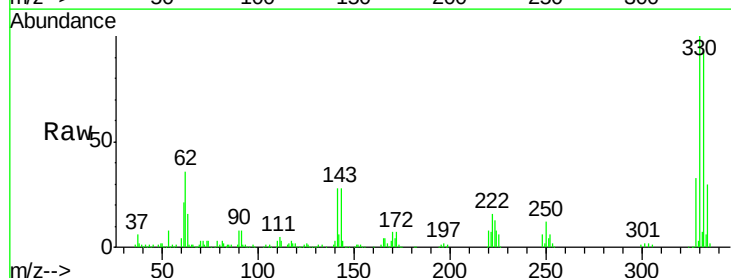
Tgt Ion:330 Resp: 251981

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

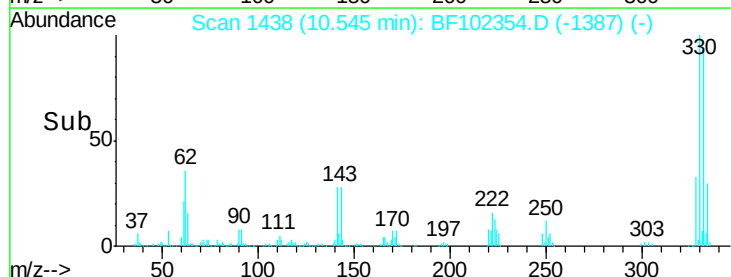
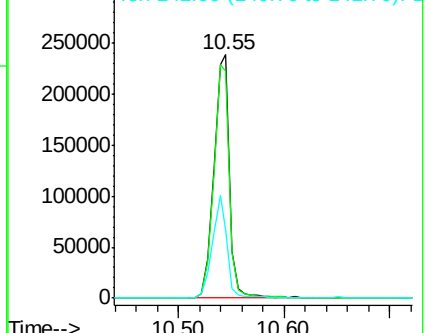
141 40.1 29.9 44.9

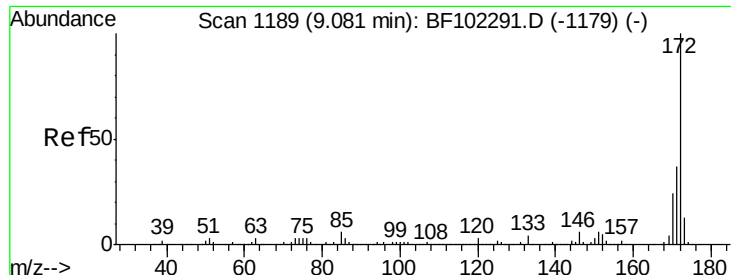


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

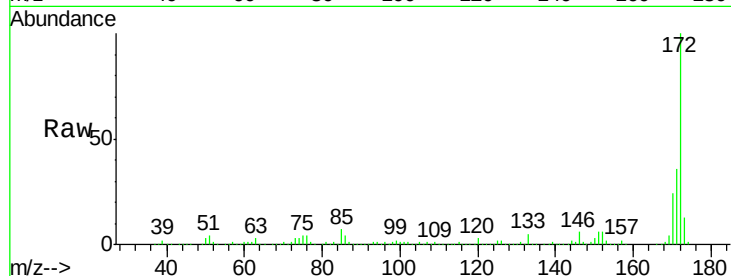




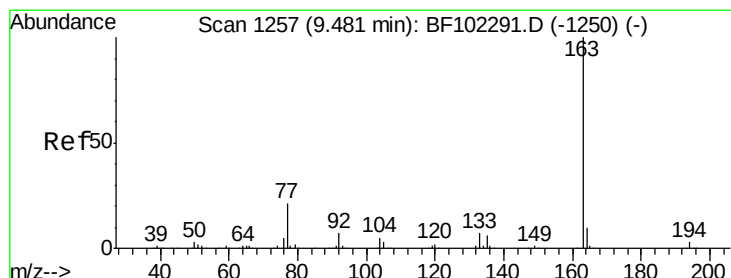
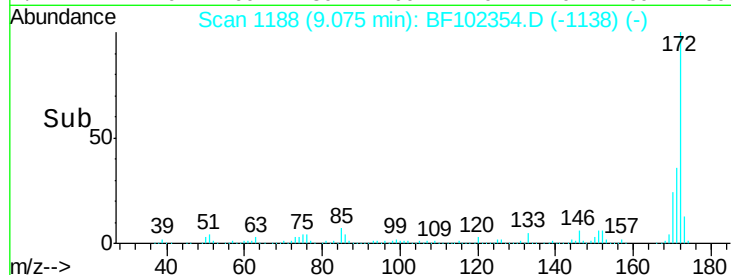
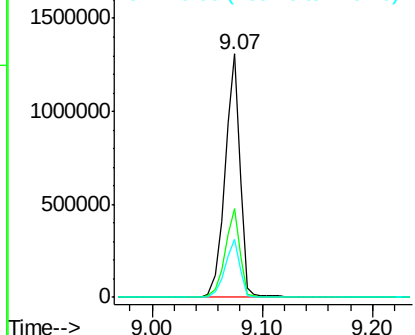
#44
2-Fluorobiphenyl
Concen: 66.354 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-D

Tgt Ion:172 Resp: 1248651
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4

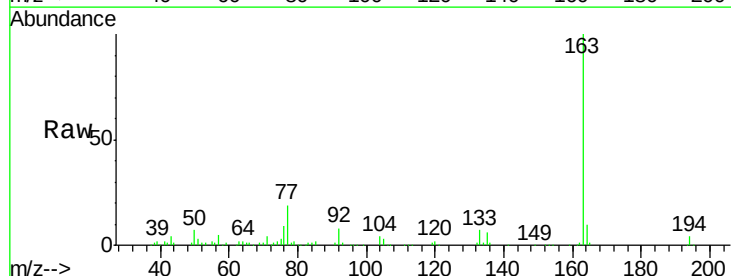


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

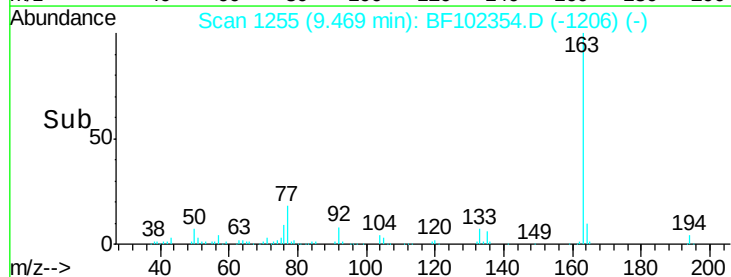
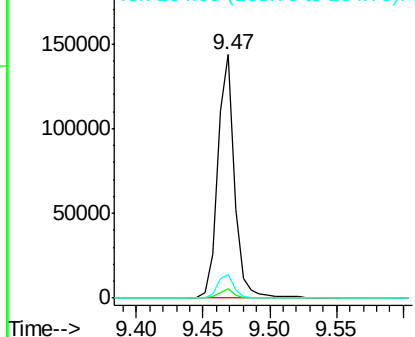


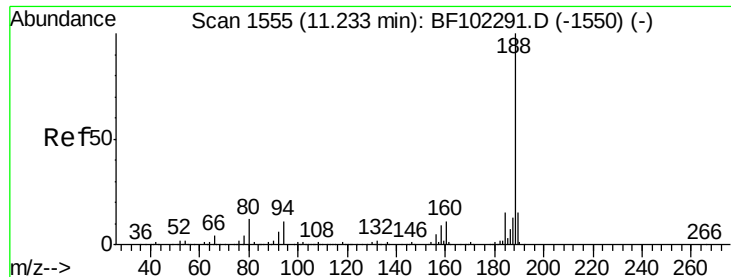
#49
Dimethylphthalate
Concen: 5.568 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:163 Resp: 127350
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 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

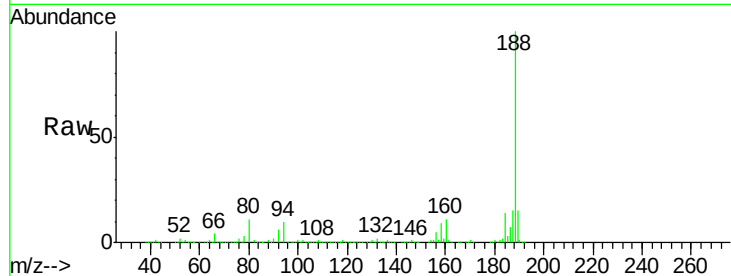




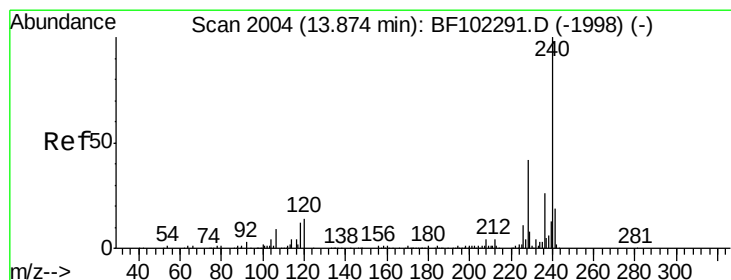
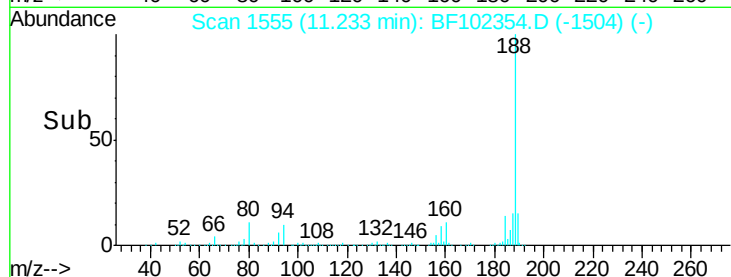
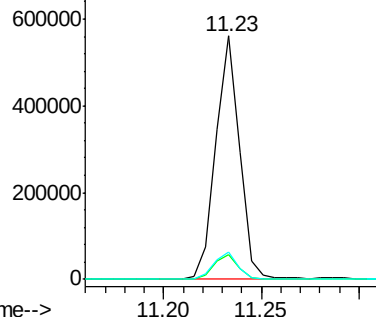
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-D

Tgt Ion:188 Resp: 475825
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.3 9.2 13.8

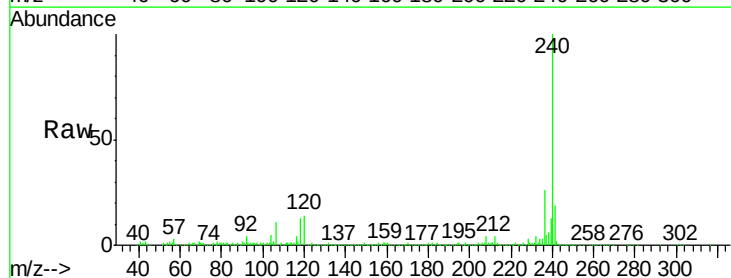


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

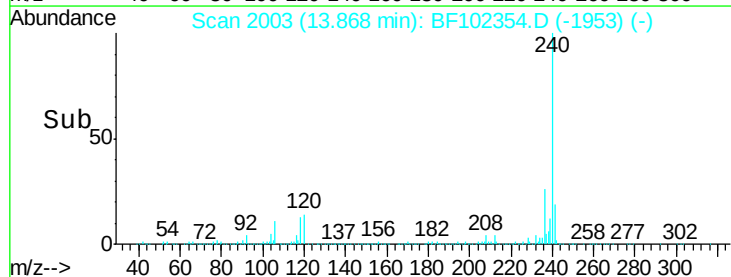
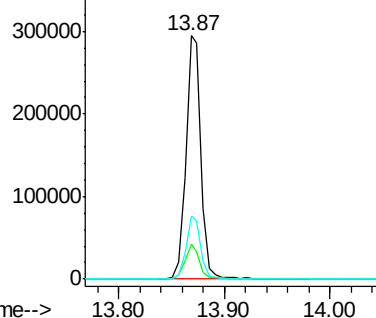


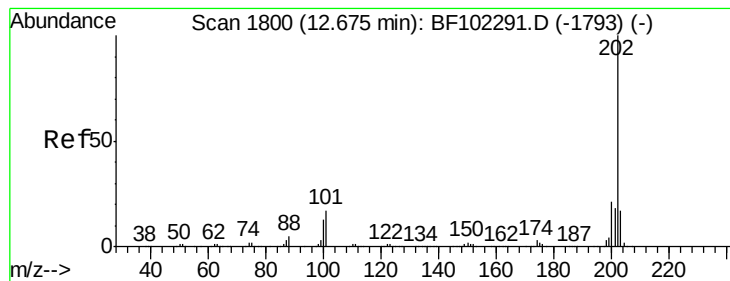
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:240 Resp: 298540
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.8 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





#77

Pyrene

Concen: 2.209 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-D

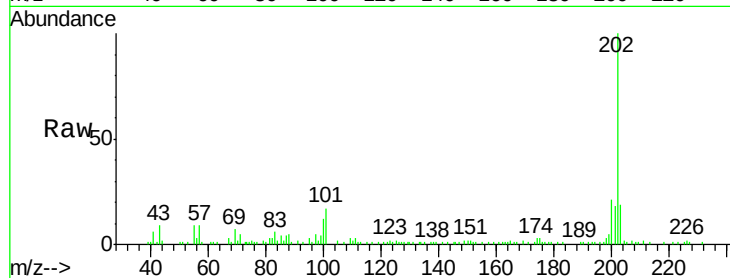
Tgt Ion:202 Resp: 50979

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

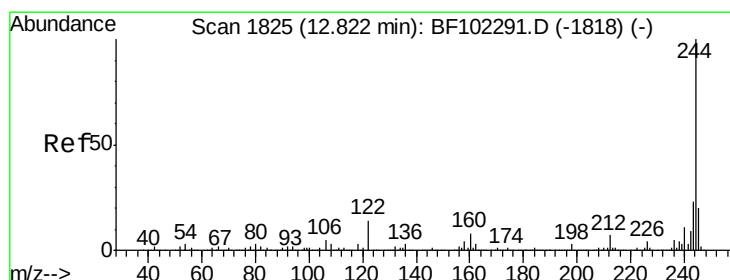
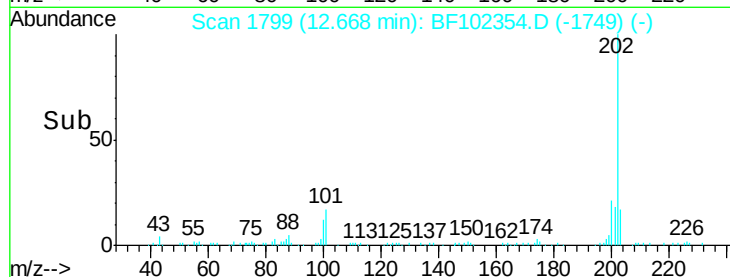
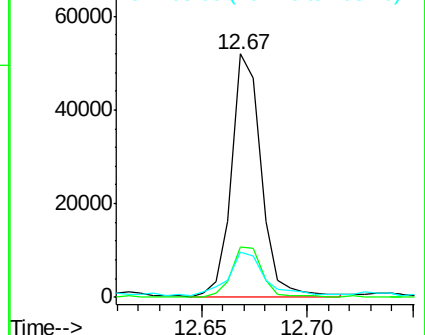
203 18.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.769 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

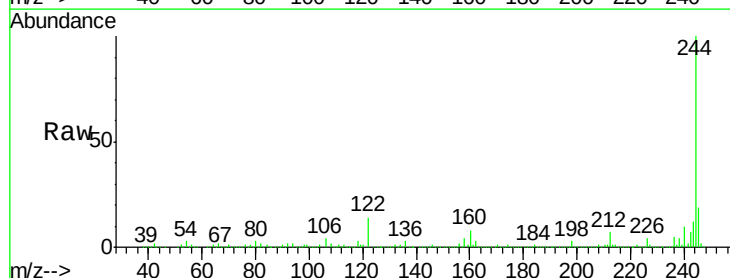
Tgt Ion:244 Resp: 1069606

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

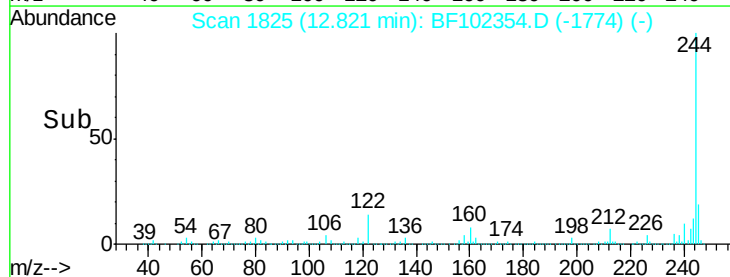
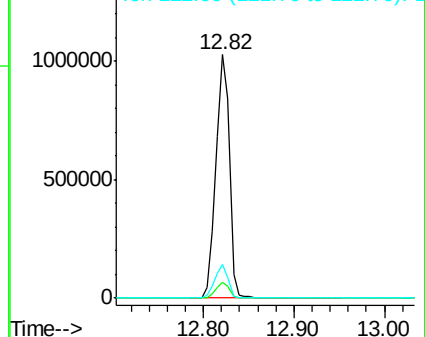
122 13.6 11.0 16.4

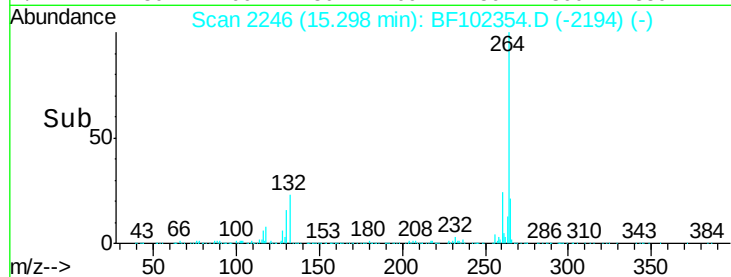
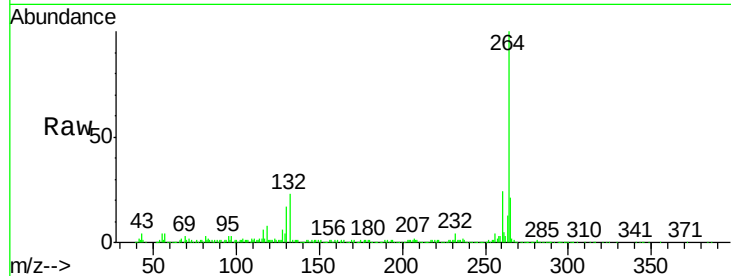
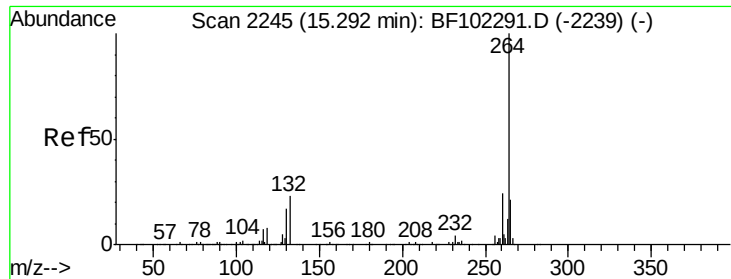


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

CL-01-012218-D

Tgt Ion:264 Resp: 267842

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 17.5 26.3

