

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102848.D
 Acq On : 8 Feb 2018 11:42
 Operator : SJ/JU
 Sample : J1469-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-1

Quant Time: Feb 08 14:10:26 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

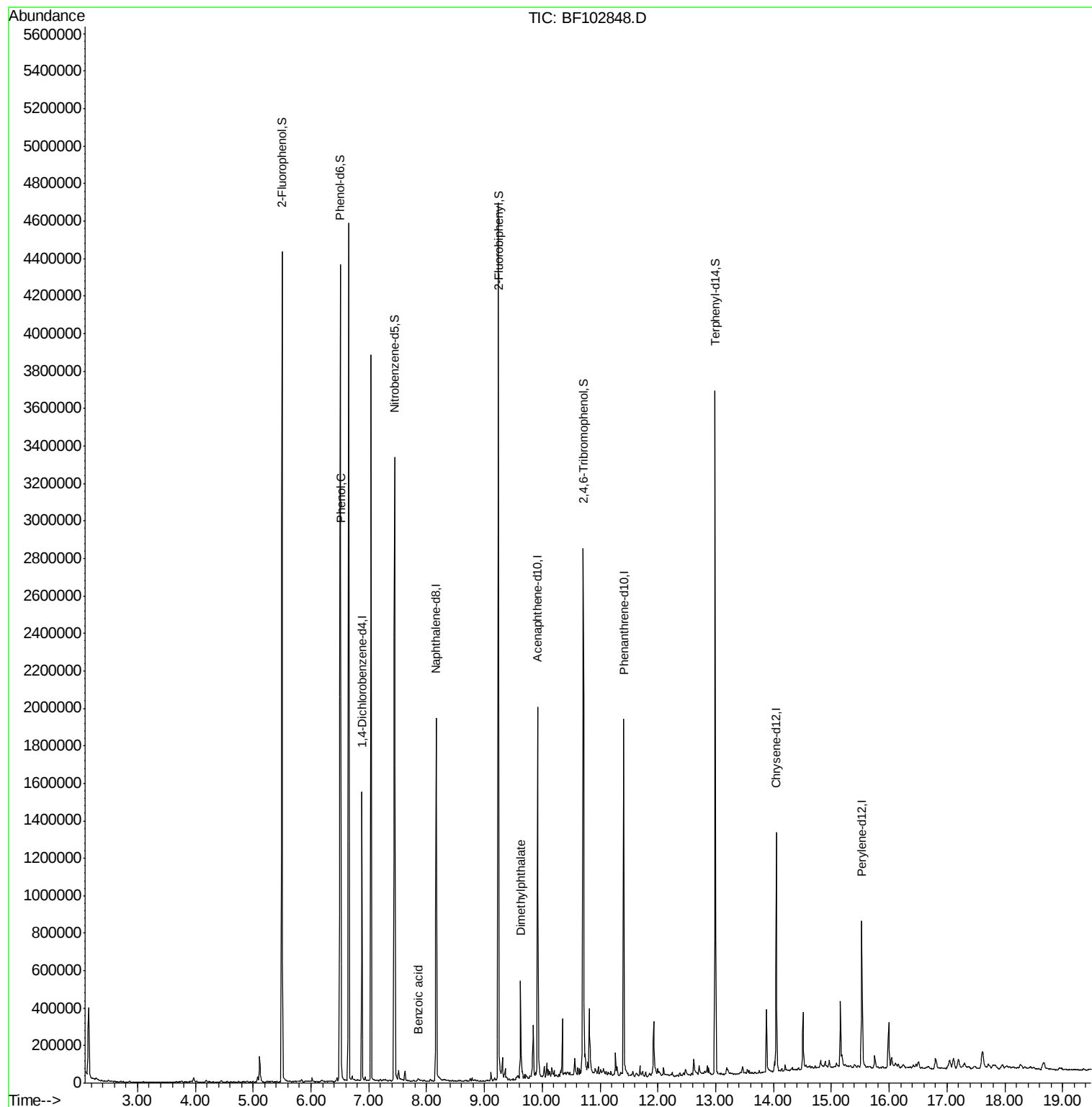
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	197208	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	832002	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	378141	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	651498	20.00	ng	0.00
75) Chrysene-d12	14.04	240	411100	20.00	ng	0.00
86) Perylene-d12	15.53	264	355921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1312726	101.09	ng	0.00
7) Phenol-d6	6.51	99	1616051	103.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1056101	88.06	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	319699	105.04	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1565216	68.68	ng	0.00
78) Terphenyl-d14	13.00	244	1312367	75.59	ng	0.00
Target Compounds						
10) Phenol	6.52	94	105947	6.323	ng	98
32) Benzoic acid	7.85	122	4443	9.064	ng	86
49) Dimethylphthalate	9.63	163	186995	6.342	ng	100

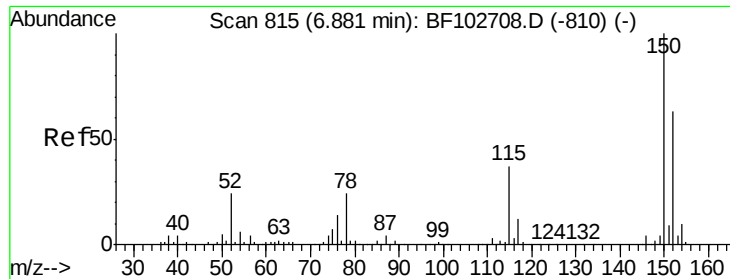
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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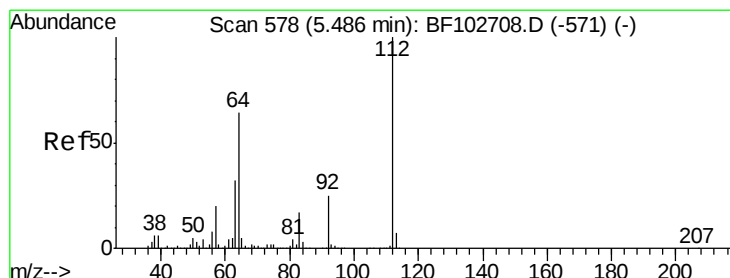
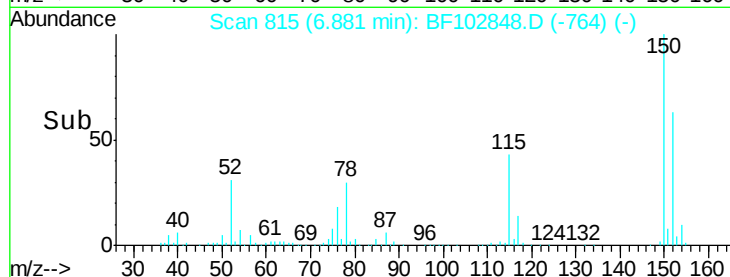
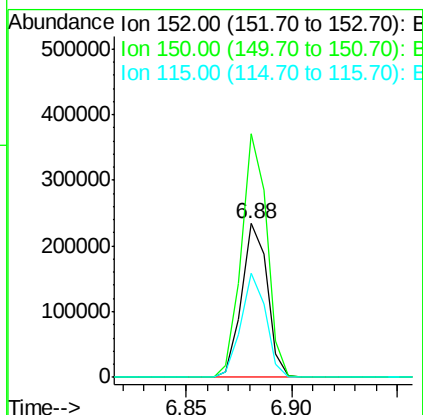
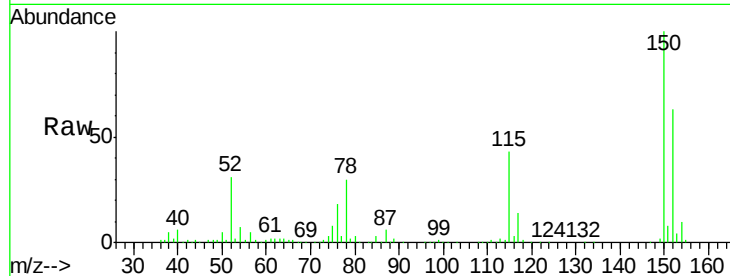


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Instrument :
BNA_F
ClientSampleId :
WABUT-1

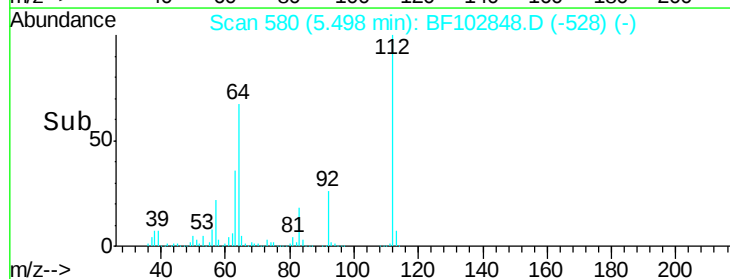
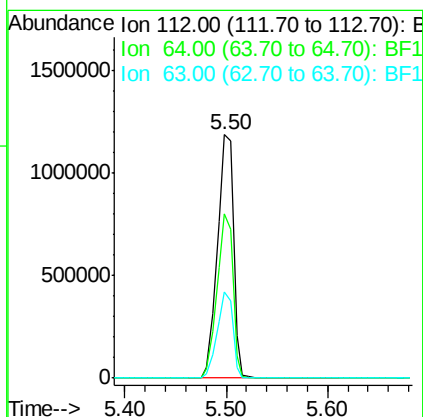
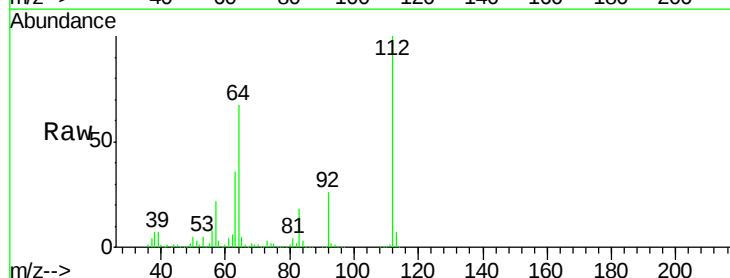
Tgt Ion:152 Resp: 197208
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 67.5 50.1 75.1

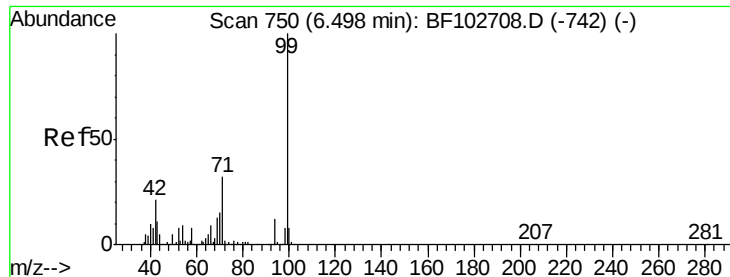


#5

2-Fluorophenol
Concen: 101.091 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Tgt Ion:112 Resp: 1312726
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.6 23.7 35.5#





#7

Phenol-d6

Concen: 103.358 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

WABUT-1

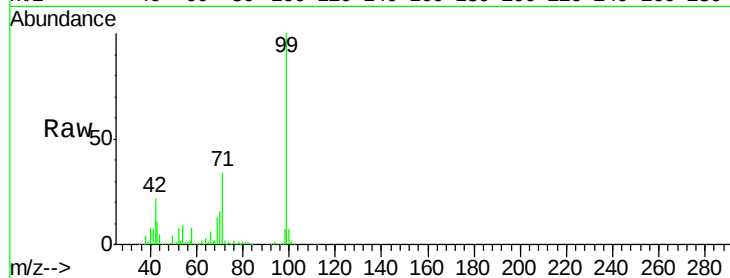
Tgt Ion: 99 Resp: 1616051

Ion Ratio Lower Upper

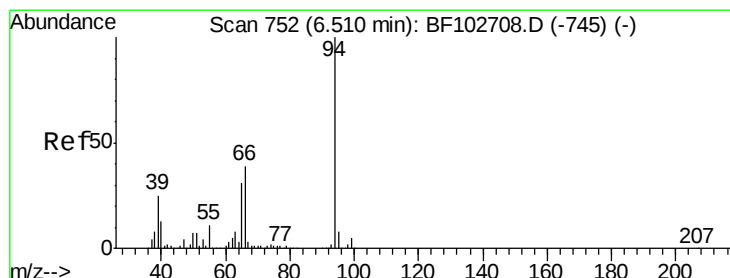
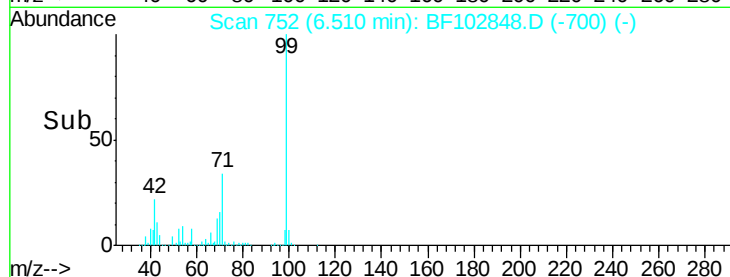
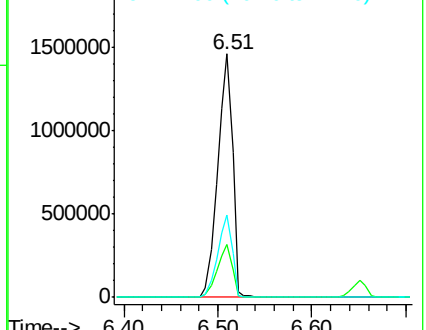
99 100

42 21.6 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: 6.323 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

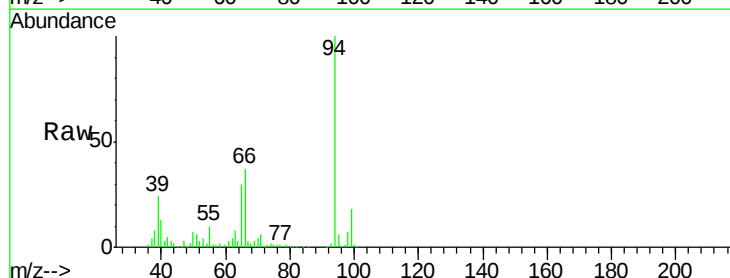
Tgt Ion: 94 Resp: 105947

Ion Ratio Lower Upper

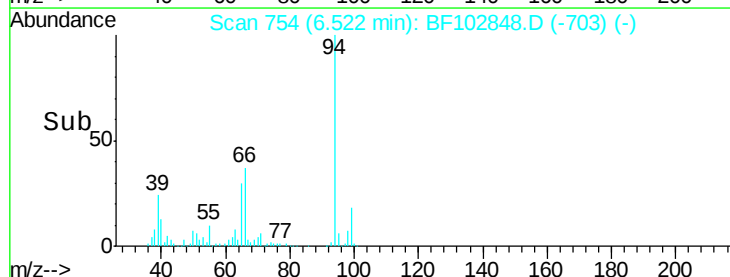
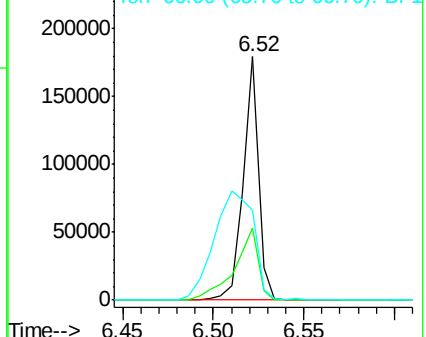
94 100

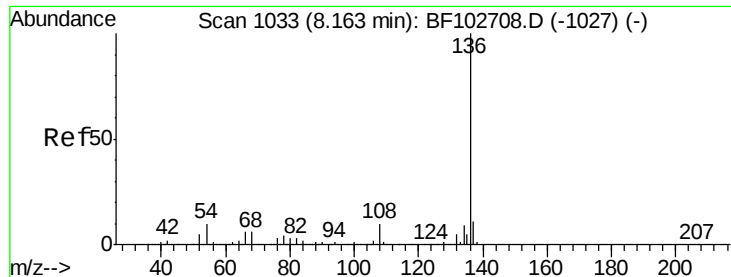
65 29.6 7.9 47.9

66 37.1 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

WABUT-1

Tgt Ion:136 Resp: 832002

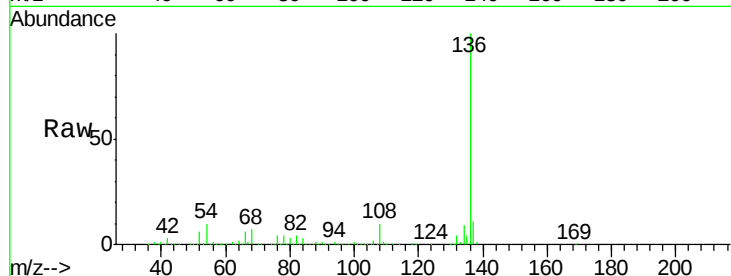
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.4 6.6 9.8#

68 7.0 5.0 7.4

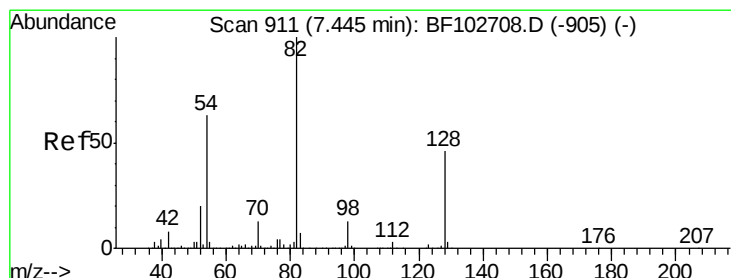
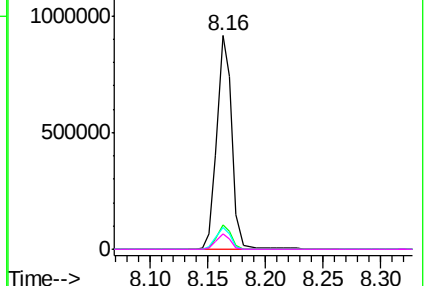
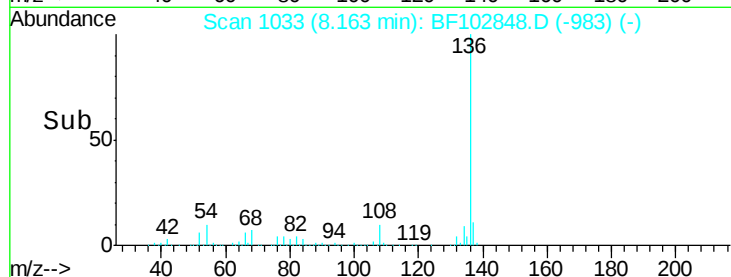


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.055 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

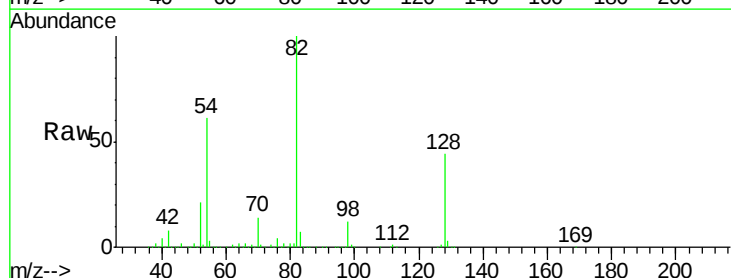
Tgt Ion: 82 Resp: 1056101

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

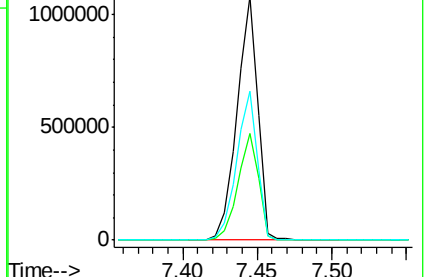
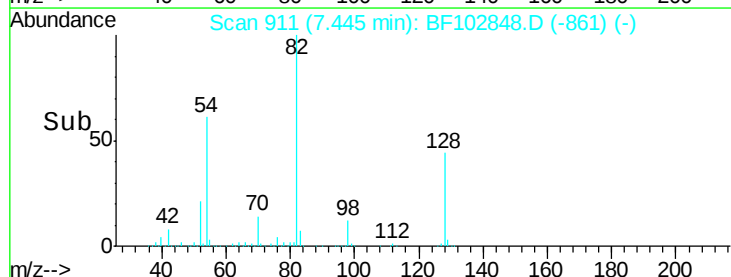
54 61.1 41.4 62.2

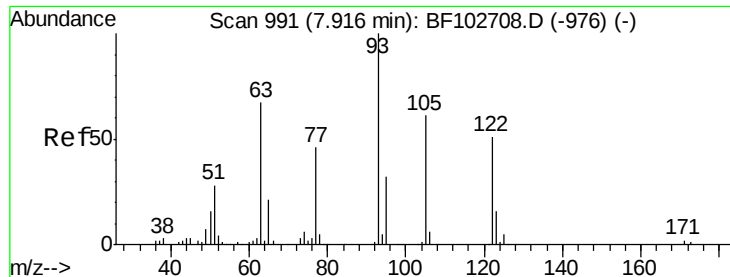


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 9.064 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampled :

WABUT-1

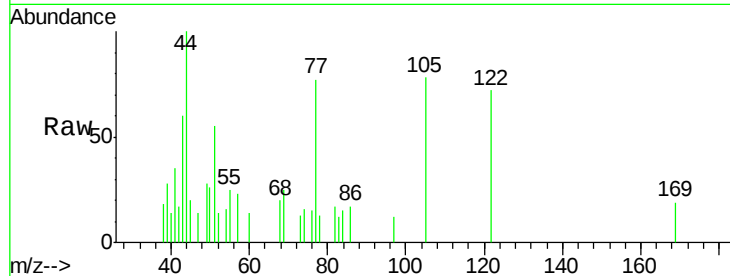
Tgt Ion:122 Resp: 4443

Ion Ratio Lower Upper

122 100

105 108.6 101.1 141.1

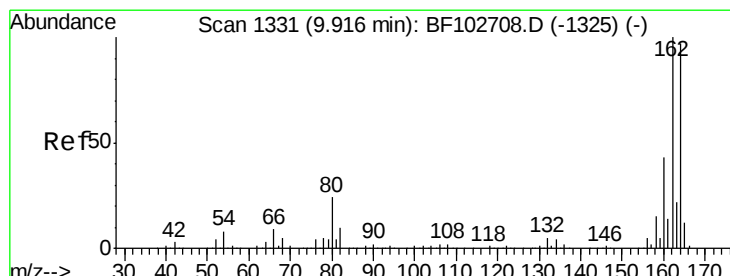
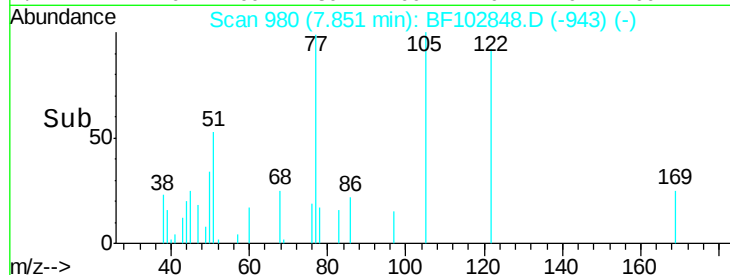
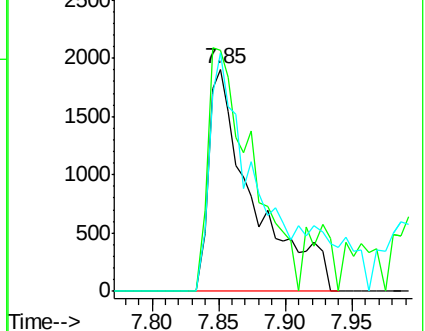
77 107.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

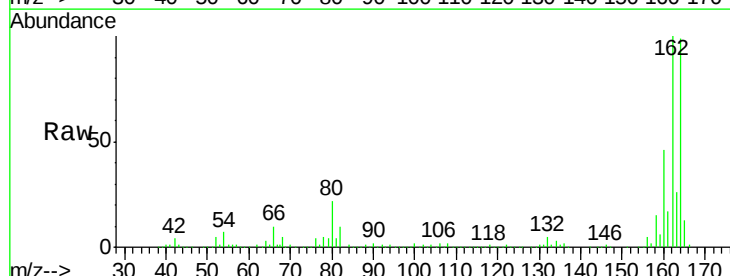
Tgt Ion:164 Resp: 378141

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

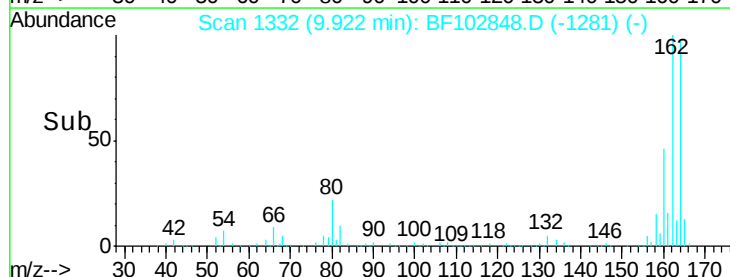
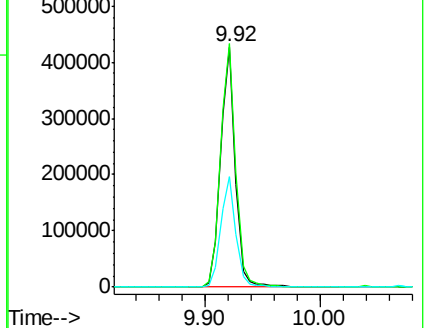
160 46.2 38.3 57.5

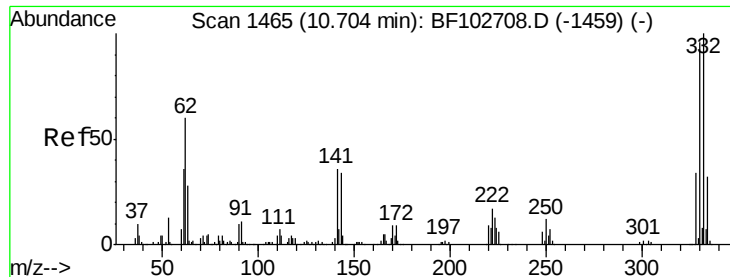


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

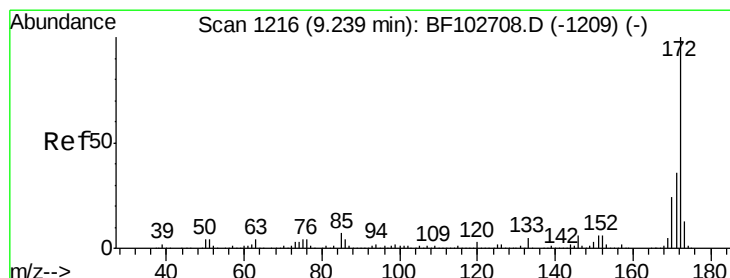
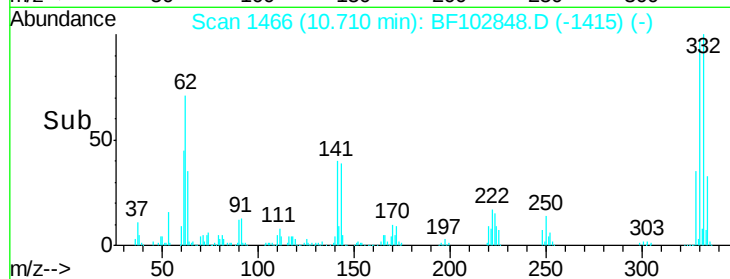
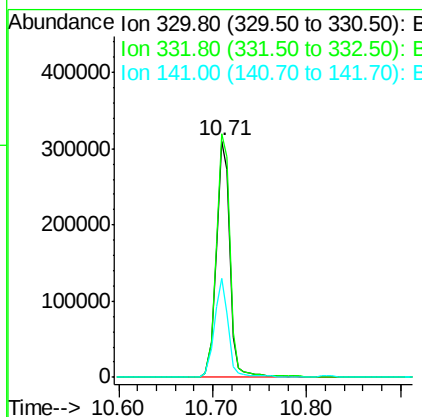
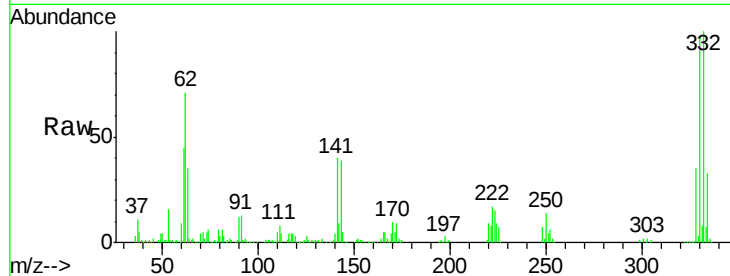




#41
 2,4,6-Tribromophenol
 Concen: 105.040 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

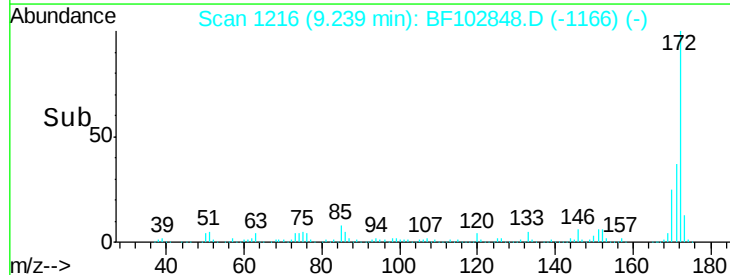
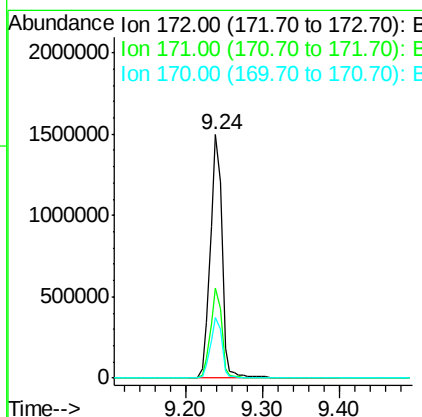
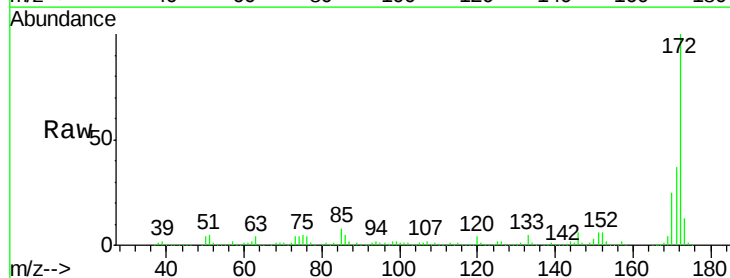
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-1

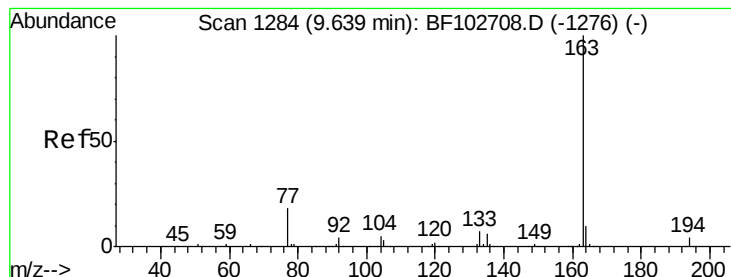
Tgt Ion:330 Resp: 319699
 Ion Ratio Lower Upper
 330 100
 332 105.2 77.0 115.6
 141 42.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 68.685 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102848.D
 Acq: 8 Feb 2018 11:42

Tgt Ion:172 Resp: 1565216
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.8 19.6 29.4





#49

Dimethylphthalate

Concen: 6.342 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampled :

WABUT-1

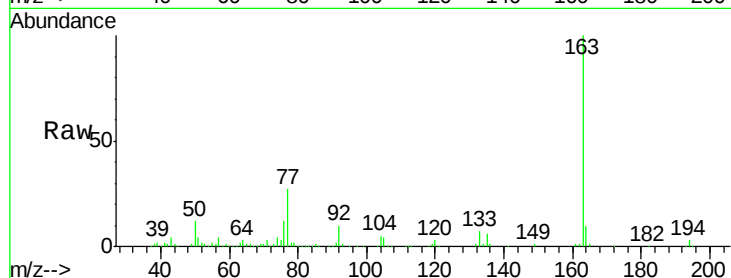
Tgt Ion:163 Resp: 186995

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

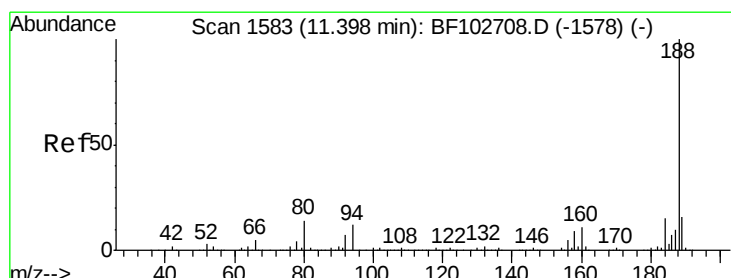
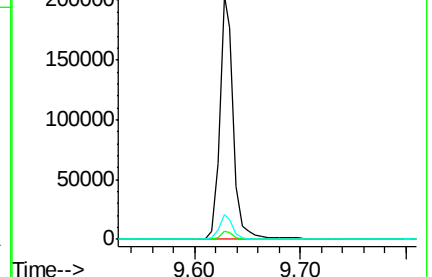
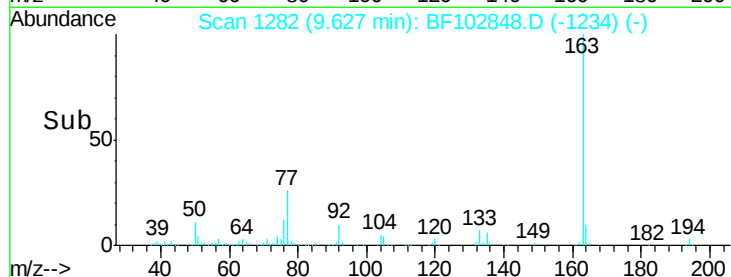
164 10.1 8.2 12.2



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: BF102848.D

Acq: 8 Feb 2018 11:42

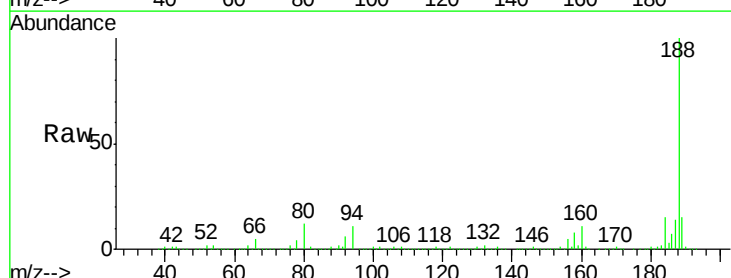
Tgt Ion:188 Resp: 651498

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

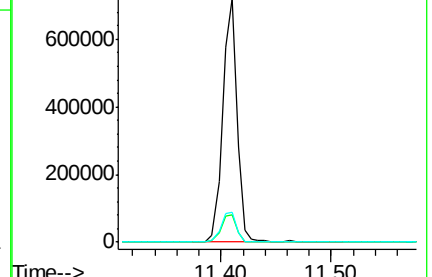
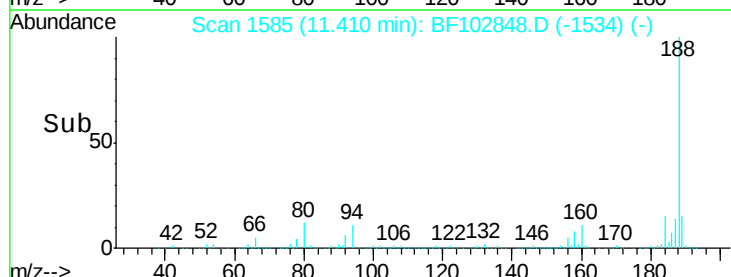
80 12.3 9.2 13.8

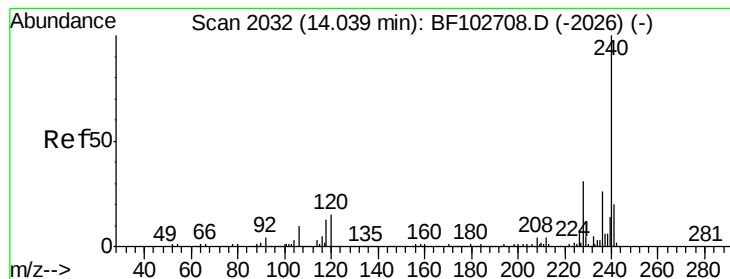


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

Instrument :

BNA_F

ClientSampleId :

WABUT-1

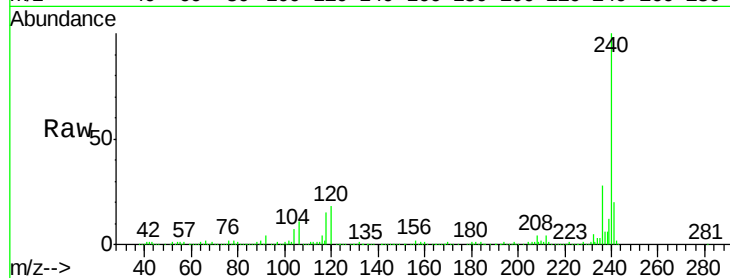
Tgt Ion:240 Resp: 411100

Ion Ratio Lower Upper

240 100

120 17.6 9.5 14.3#

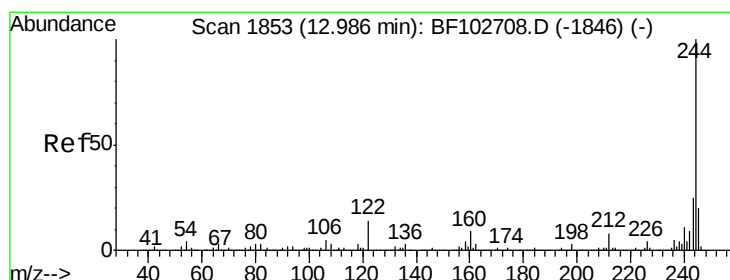
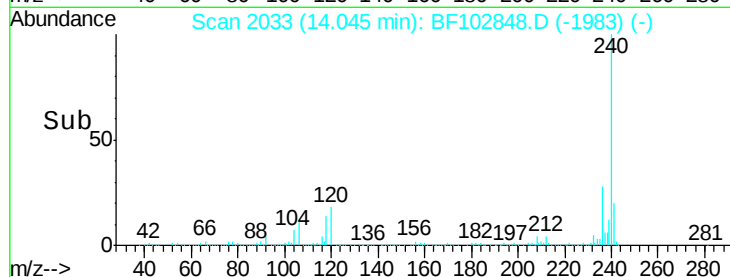
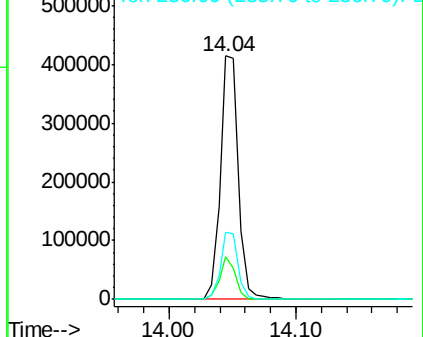
236 27.5 20.7 31.1



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: 75.587 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102848.D

Acq: 8 Feb 2018 11:42

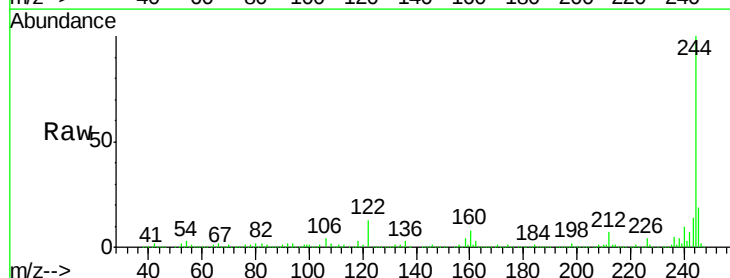
Tgt Ion:244 Resp: 1312367

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

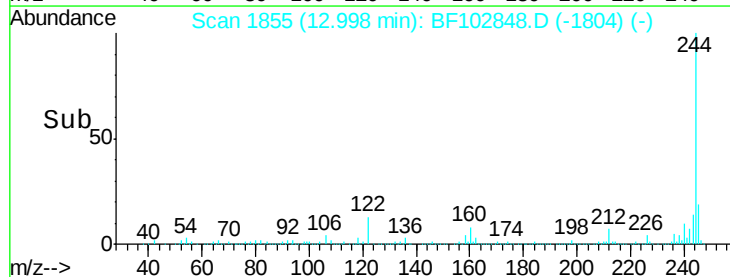
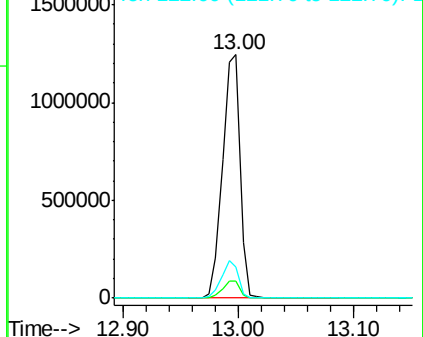
122 12.7 11.0 16.4

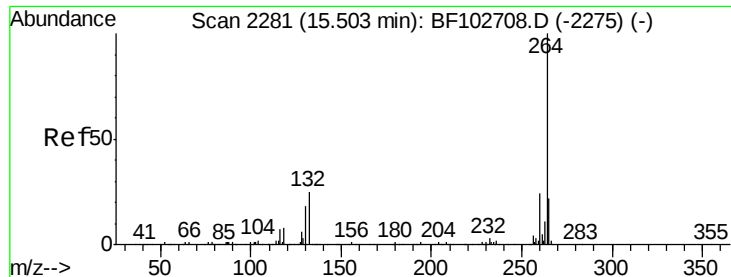


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102848.D
Acq: 8 Feb 2018 11:42

Instrument :
BNA_F
ClientSampleId :
WABUT-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.9	17.5	26.3

