

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099112.D
 Acq On : 5 Oct 2017 19:21
 Operator : SJ/JU
 Sample : I5526-02DL2 100X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Quant Time: Oct 05 19:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

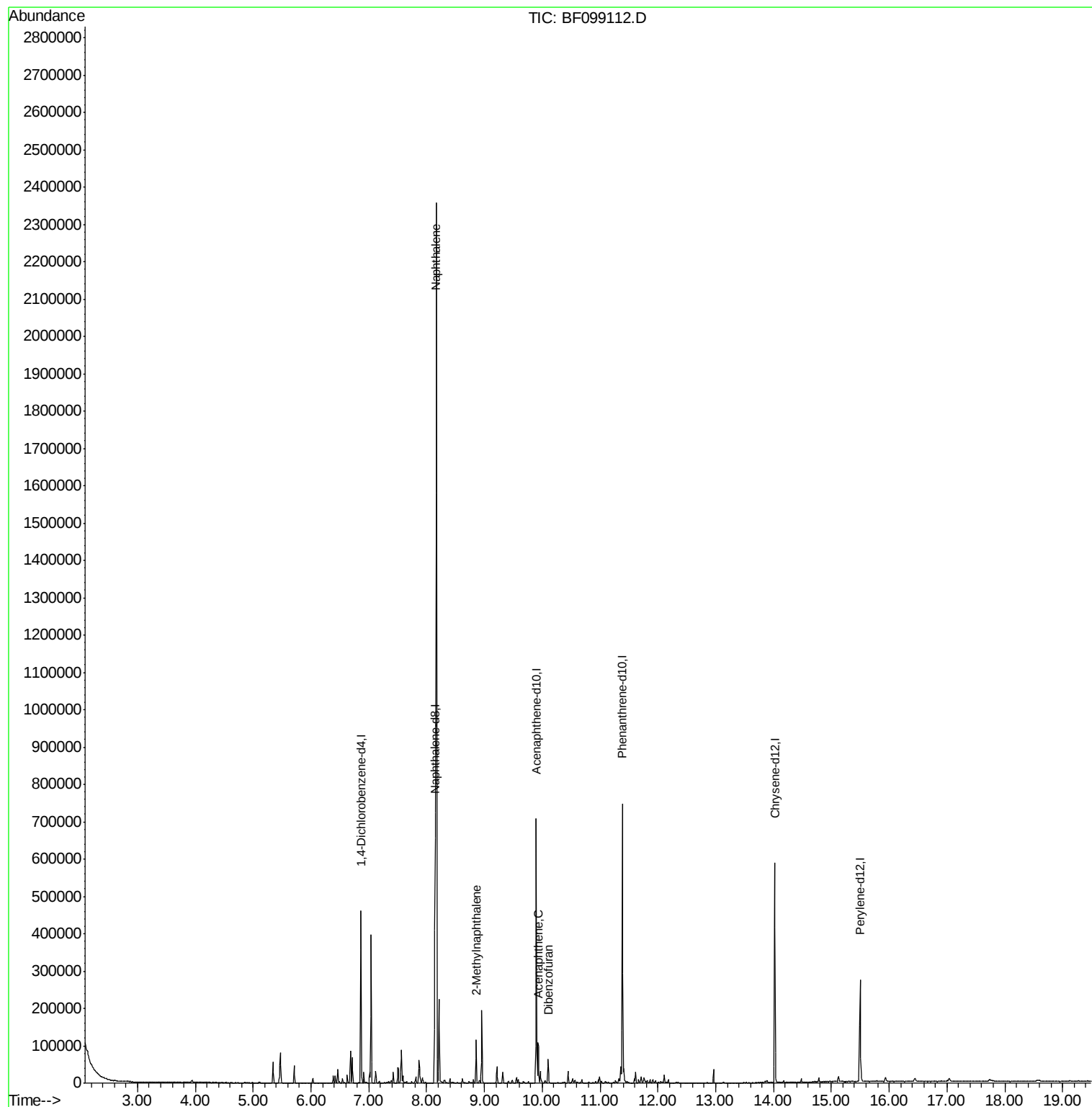
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66344	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	288242	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	133215	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	246092	20.00	ng	0.00
75) Chrysene-d12	14.02	240	178778	20.00	ng	-0.01
86) Perylene-d12	15.50	264	122069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2864	0.69	ng	0.00
7) Phenol-d6	6.49	99	2435	0.47	ng	-0.01
23) Nitrobenzene-d5	7.42	82	6186	1.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	1016	0.93	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	13460	1.69	ng	-0.01
78) Terphenyl-d14	12.96	244	11020	1.40	ng	-0.01
Target Compounds						
31) Naphthalene	8.17	128	1057343	78.104	ng	99
37) 2-Methylnaphthalene	8.86	142	27546	3.130	ng	98
51) Acenaphthene	9.93	154	24287	2.914	ng	99
54) Dibenzofuran	10.10	168	24325	2.192	ng	99

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

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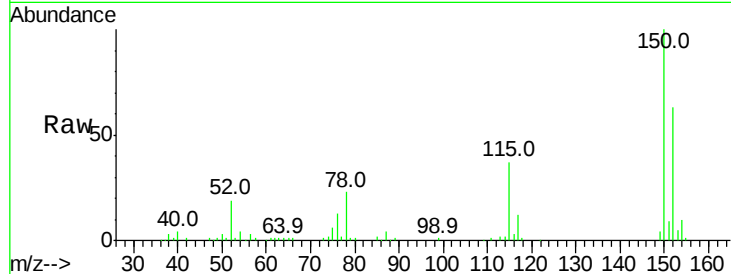


#1

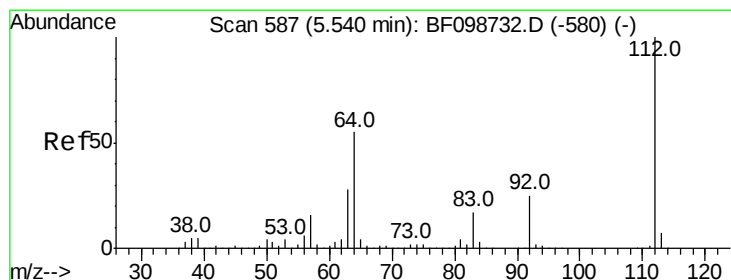
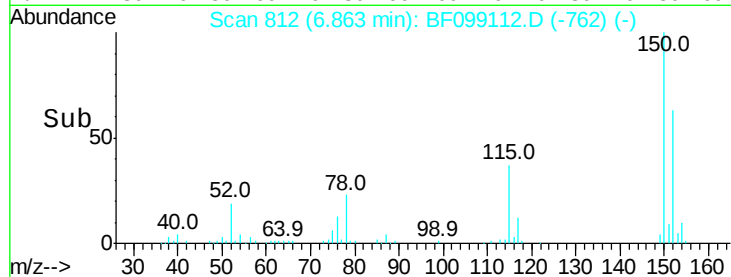
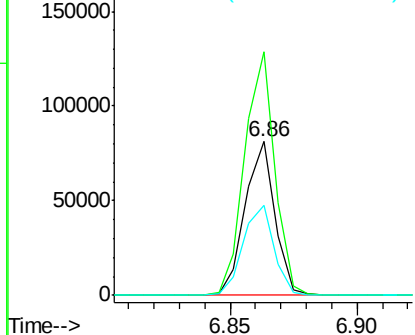
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tot Ion:152 Resp: 66344
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 58.6 50.1 75.1



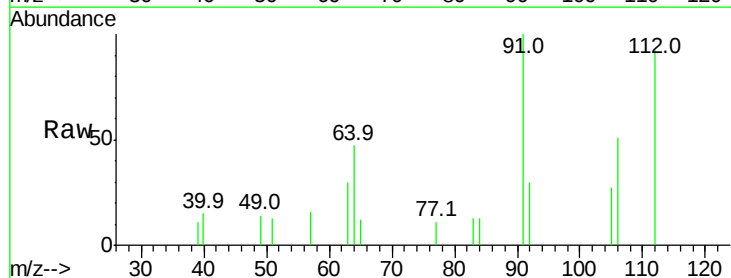
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



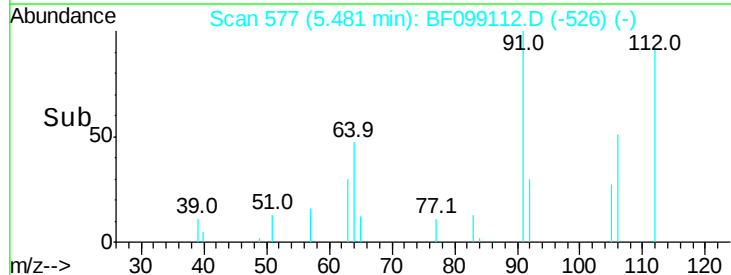
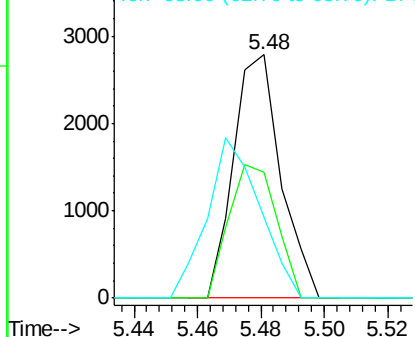
#5

2-Fluorophenol
 Concen: 0.687 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

Tgt Ion:112 Resp: 2864
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.474 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

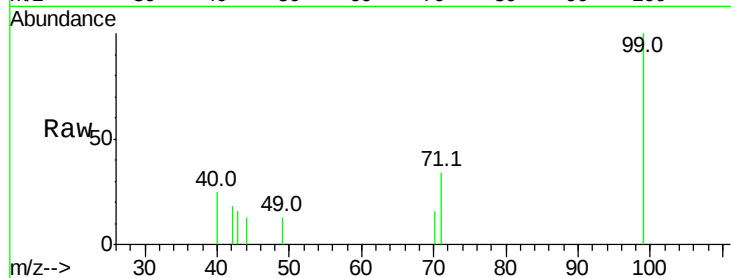
Tot Ion: 99 Resp: 2435

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

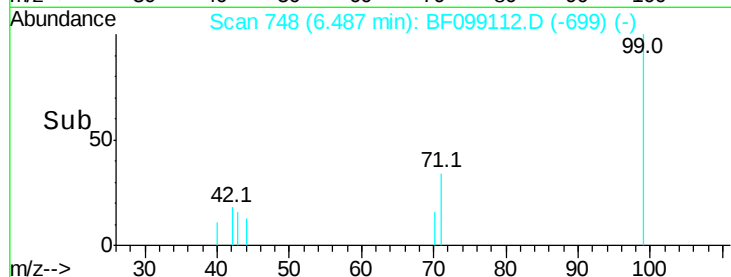
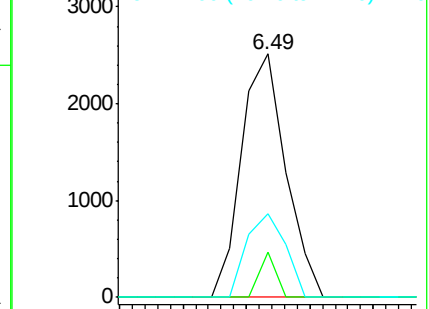
71 34.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

Tgt Ion: 136 Resp: 288242

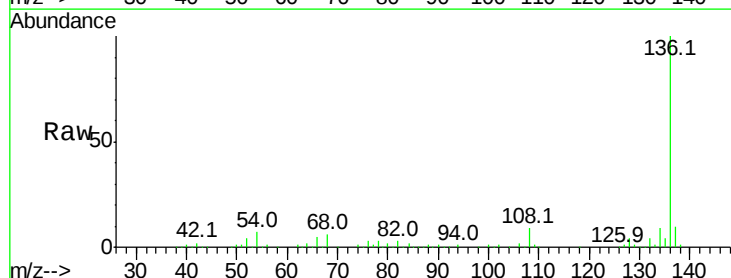
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

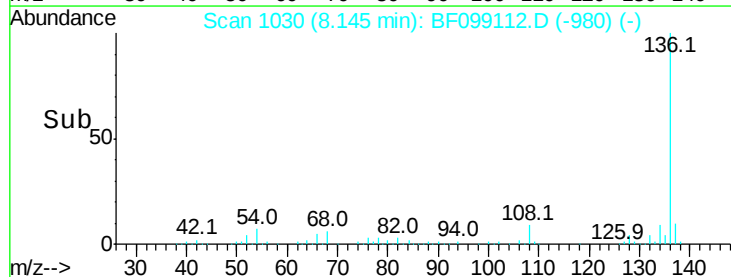
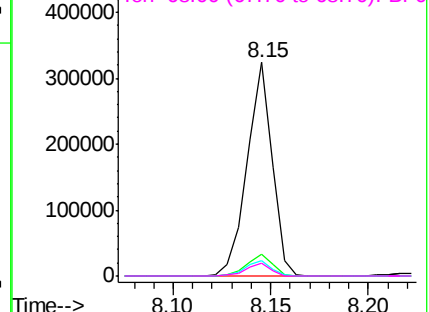


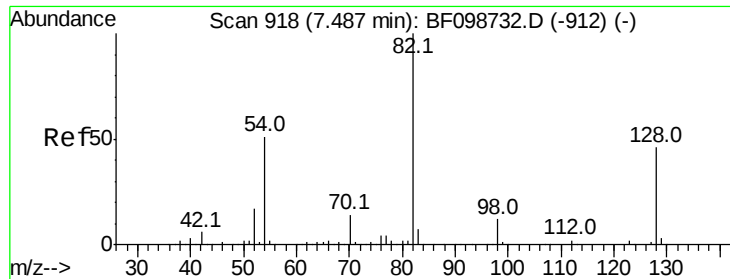
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

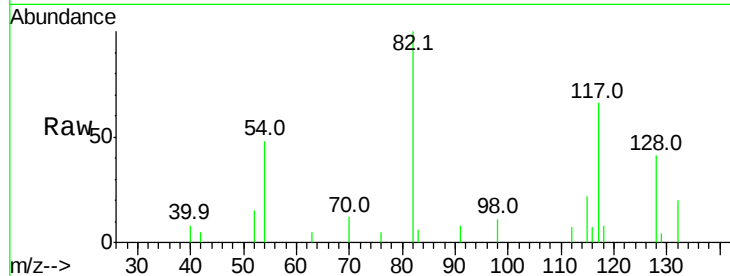




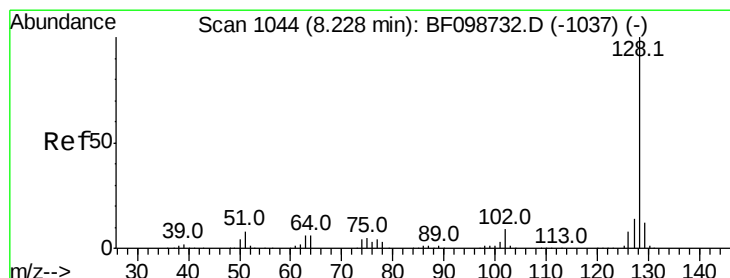
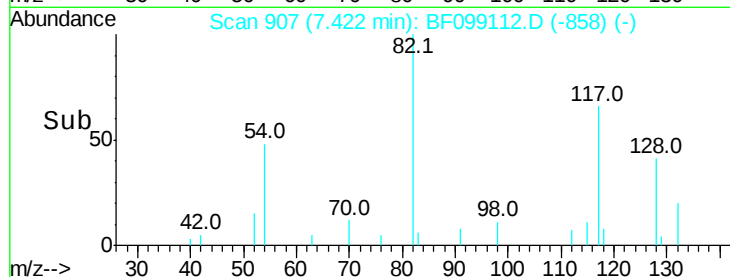
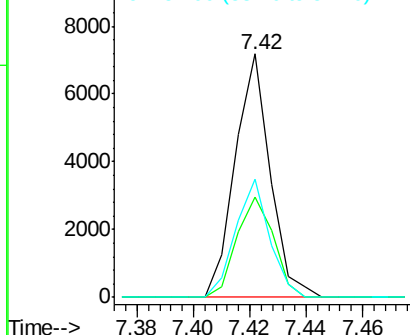
#23
 Nitrobenzene-d5
 Concen: 1.376 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

Tot Ion: 82 Resp: 6186
 Ion Ratio Lower Upper
 82 100
 128 41.3 36.1 54.1
 54 48.5 41.4 62.2

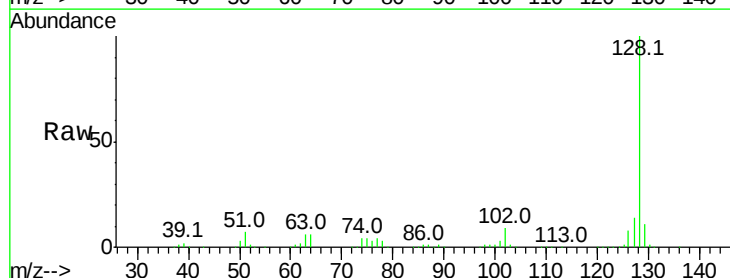


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

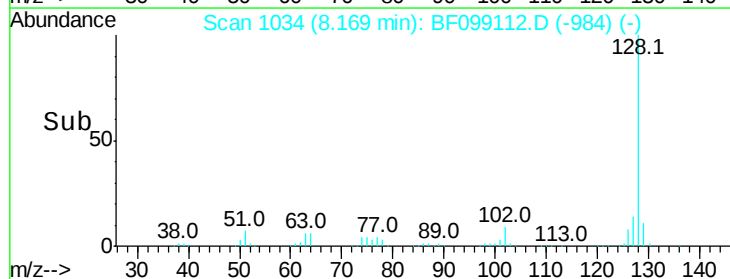
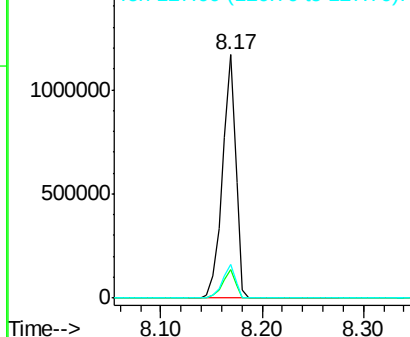


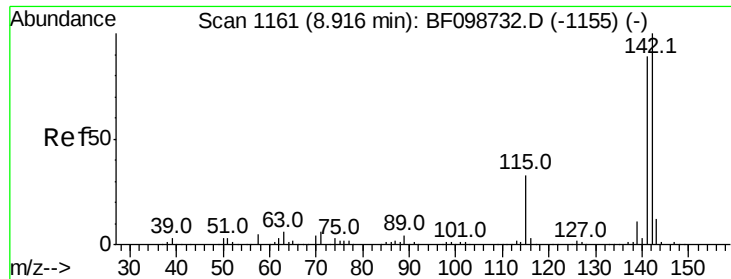
#31
 Naphthalene
 Concen: 78.104 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

Tgt Ion:128 Resp: 1057343
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.8 13.2
 127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

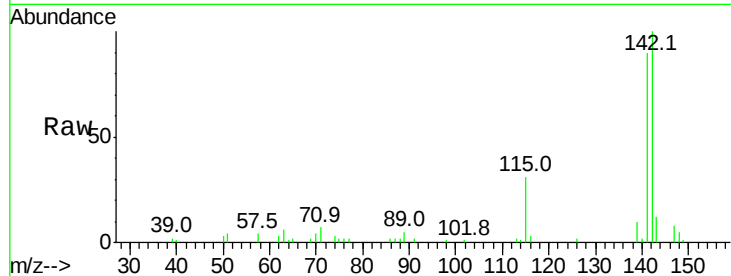




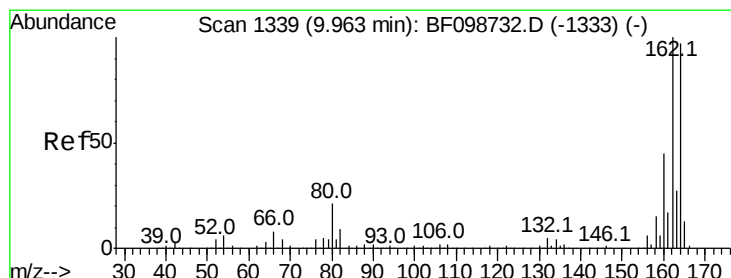
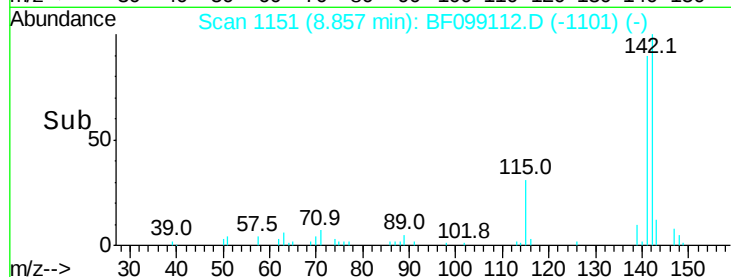
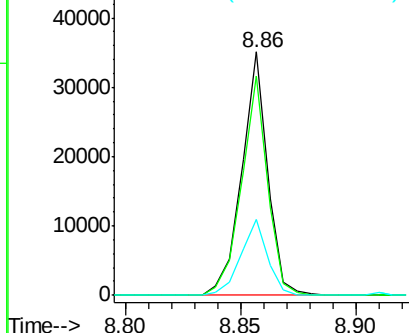
#37
2-Methylnaphthalene
Concen: 3.130 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW30D-GWDL2

Tot Ion:142 Resp: 27546
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 31.4 26.1 39.1

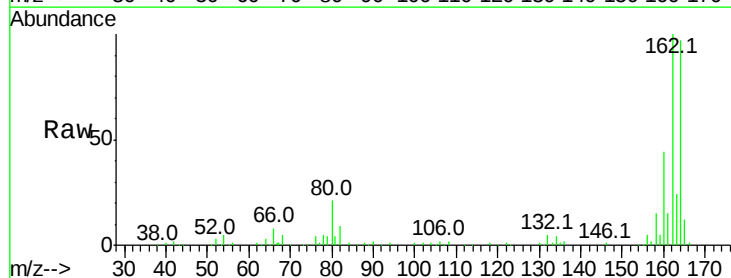


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

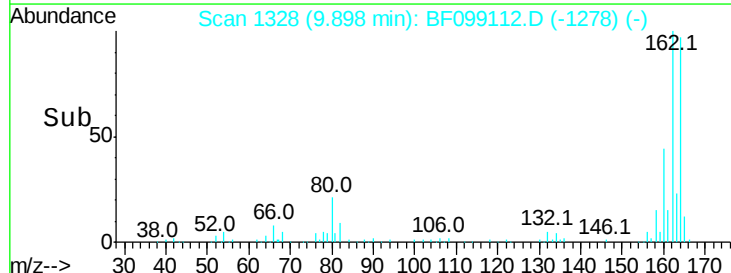
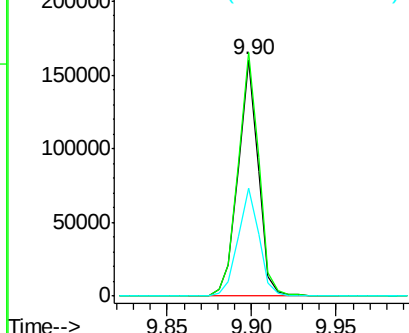


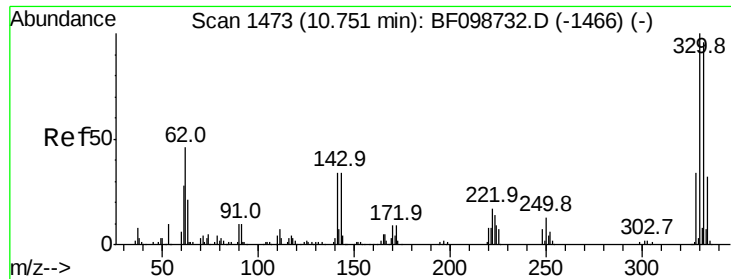
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:164 Resp: 133215
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.7 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

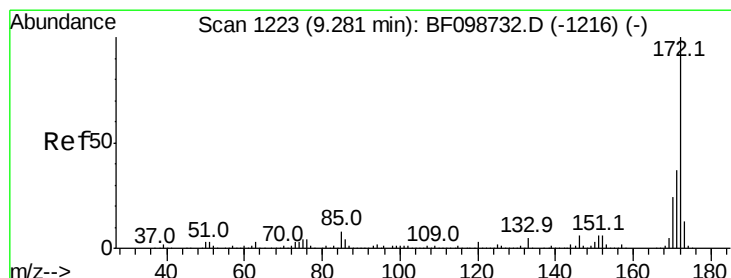
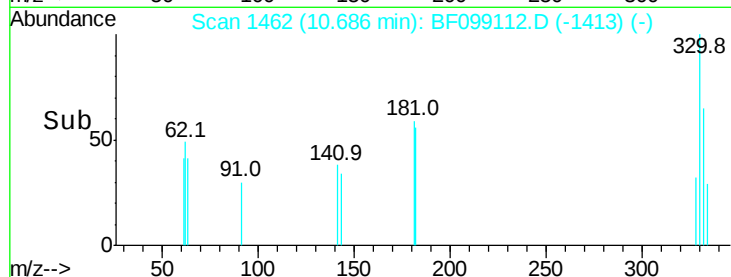
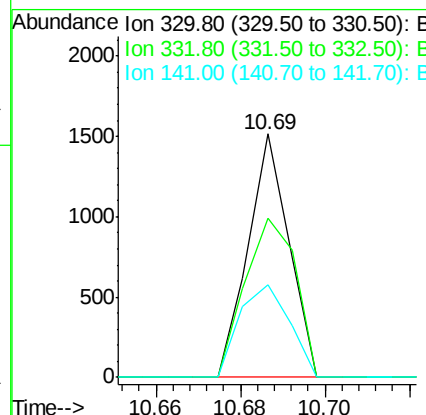
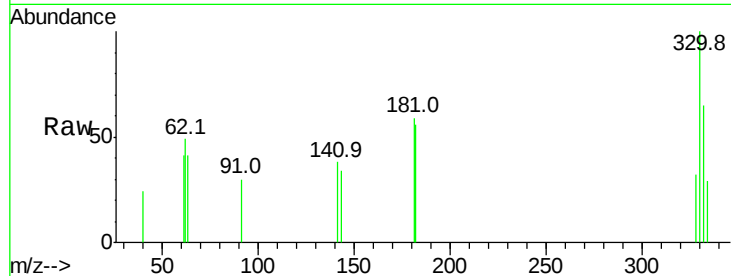




#41
 2,4,6-Tribromophenol
 Concen: 0.932 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

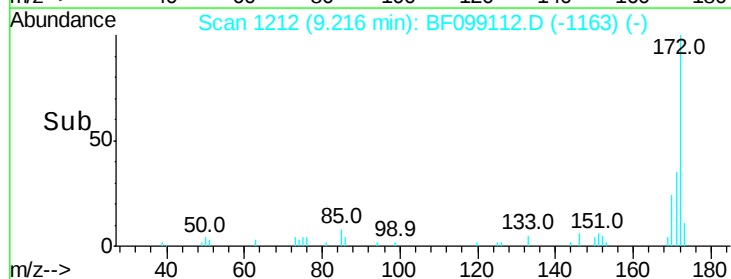
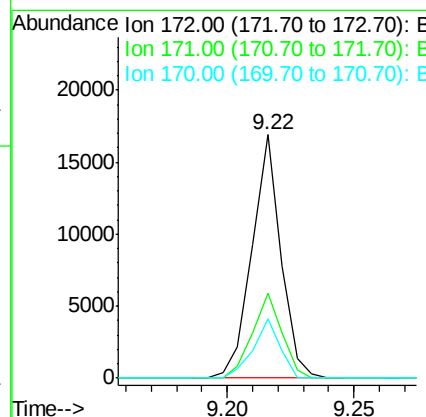
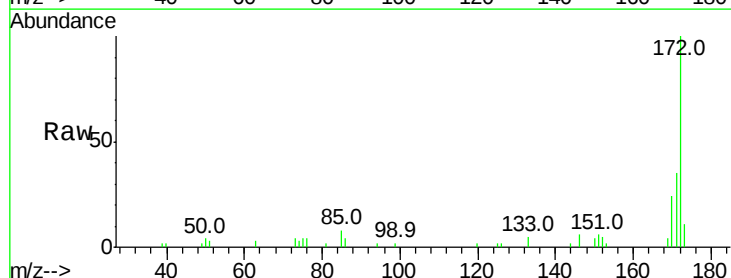
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW30D-GWDL2

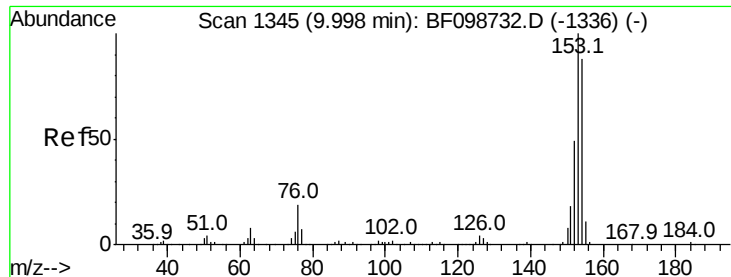
Tot Ion	Ratio	Lower	Upper
330	100		
332	80.9	77.0	115.6
141	46.8	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.687 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099112.D
 Acq: 5 Oct 2017 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.3	19.6	29.4





#51

Acenaphthene

Concen: 2.914 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

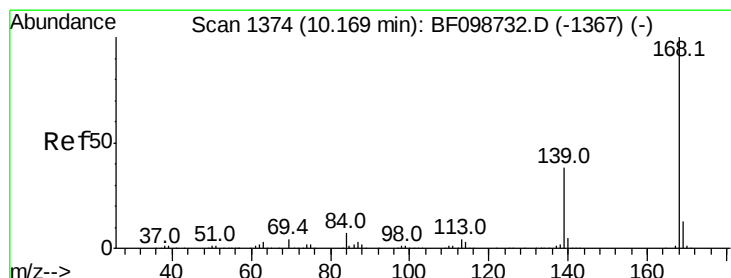
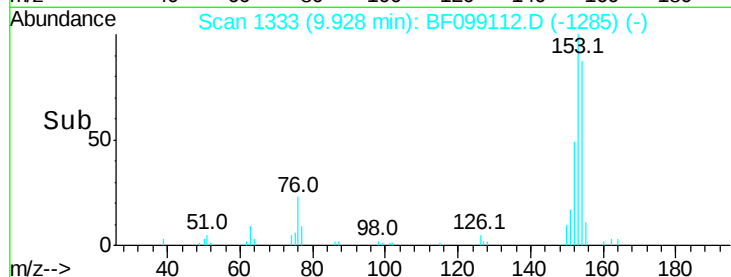
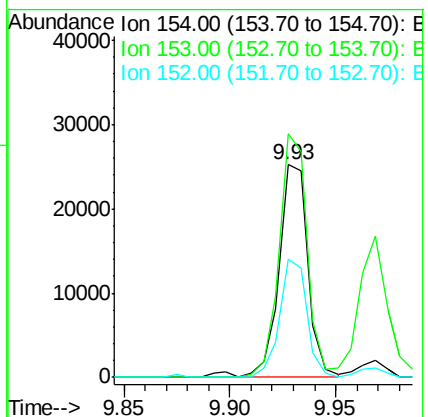
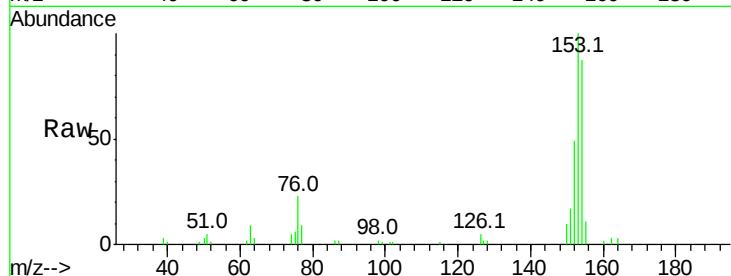
Tot Ion:154 Resp: 24287

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

152 55.9 43.8 65.8



#54

Dibenzofuran

Concen: 2.192 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

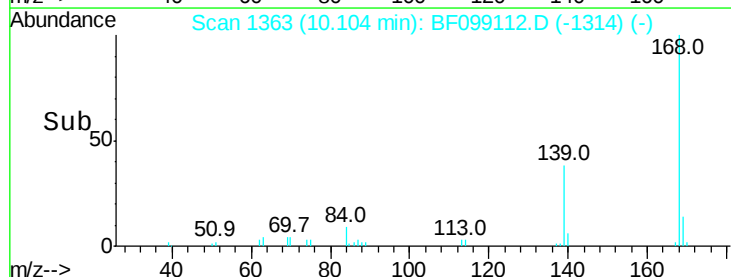
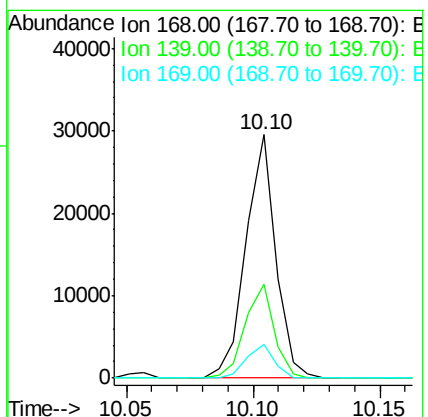
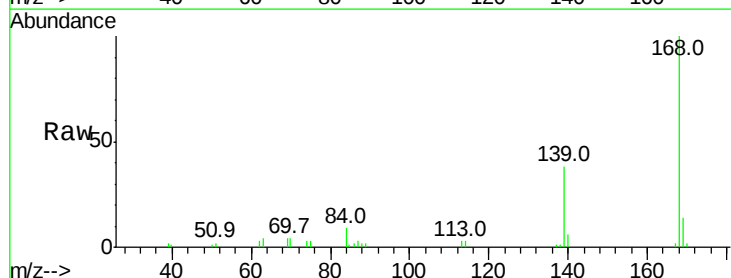
Tgt Ion:168 Resp: 24325

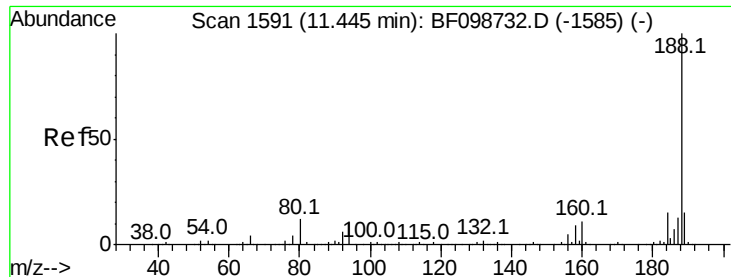
Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

169 13.8 10.9 16.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099112.D

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QNWP8-MW30D-GWDL2

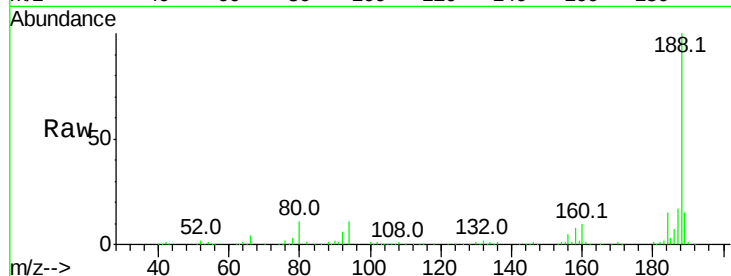
Tot Ion:188 Resp: 246092

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

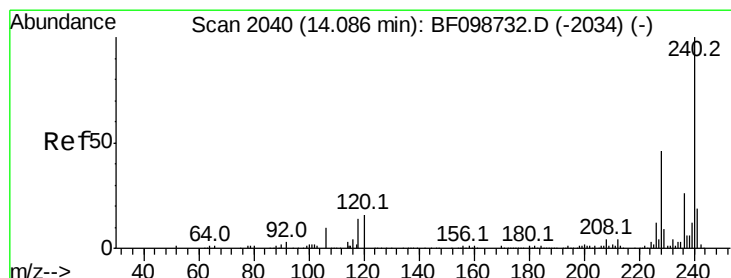
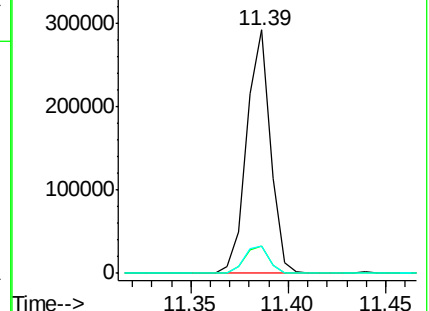
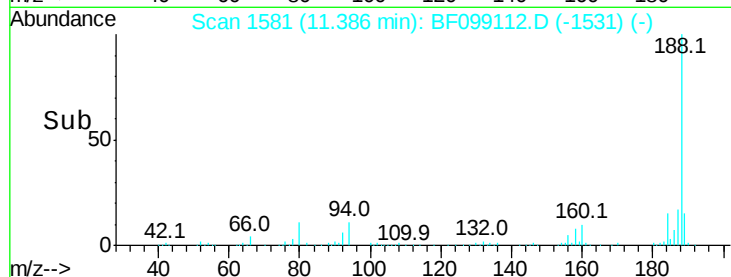
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

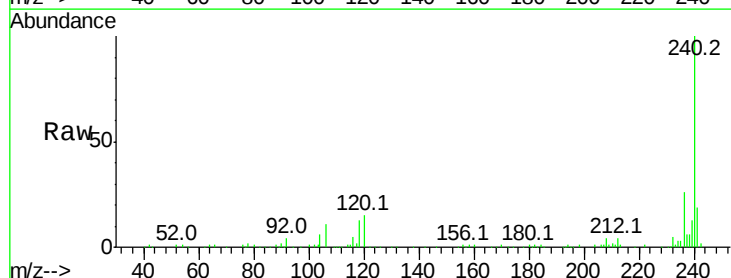
Tgt Ion:240 Resp: 178778

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

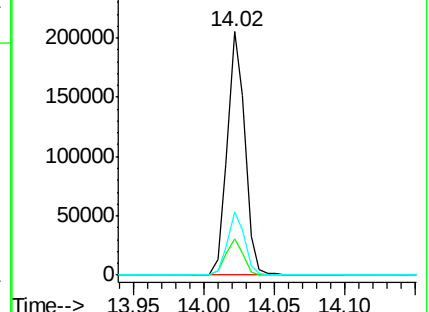
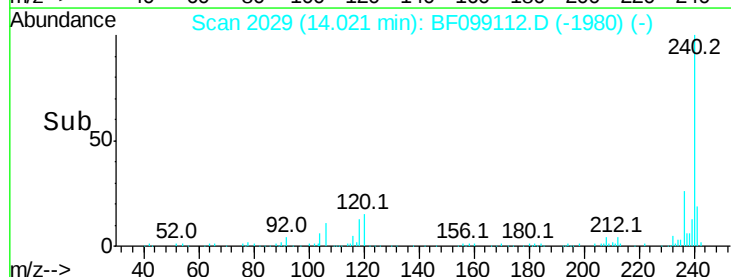
236 26.1 20.7 31.1

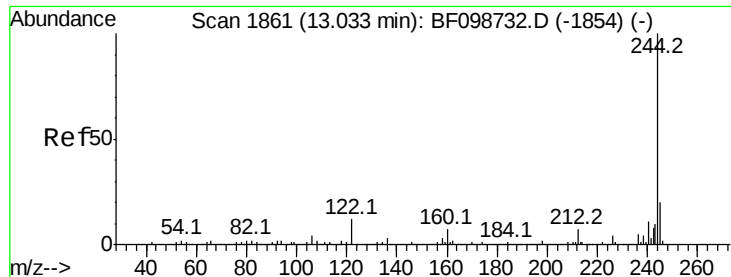


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.402 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

Instrument :

BNA_F

ClientSampleId :

QNWP8-MW30D-GWDL2

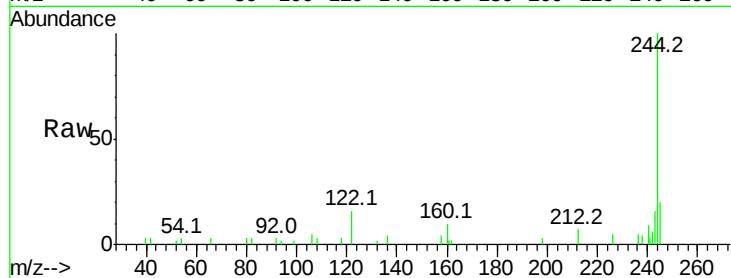
Tot Ion:244 Resp: 11020

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

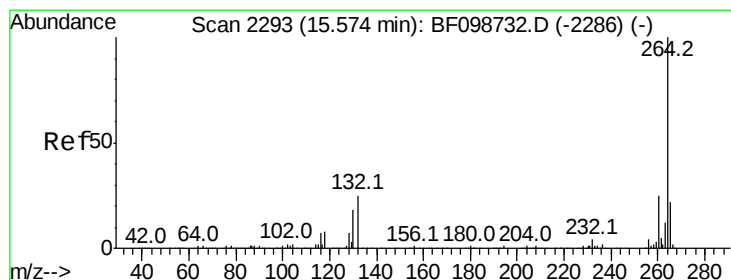
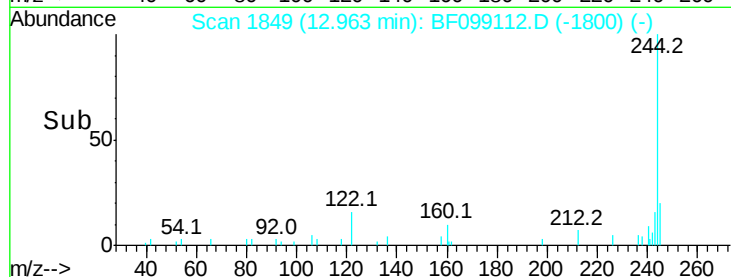
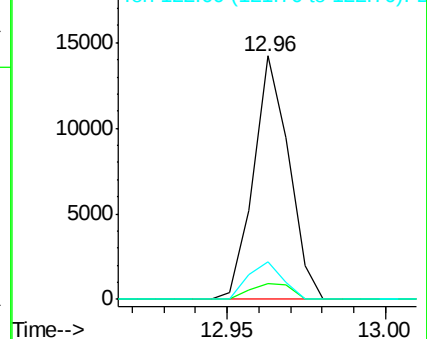
122 15.6 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099112.D

Acq: 5 Oct 2017 19:21

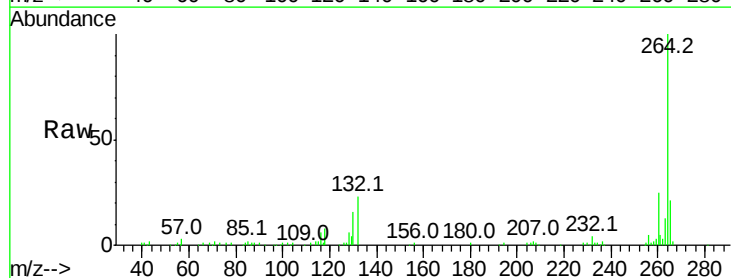
Tgt Ion:264 Resp: 122069

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.3 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

