

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103288.D
 Acq On : 28 Feb 2018 3:21
 Operator : SJ/JU
 Sample : J1683-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW10-GW

Quant Time: Feb 28 04:29:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

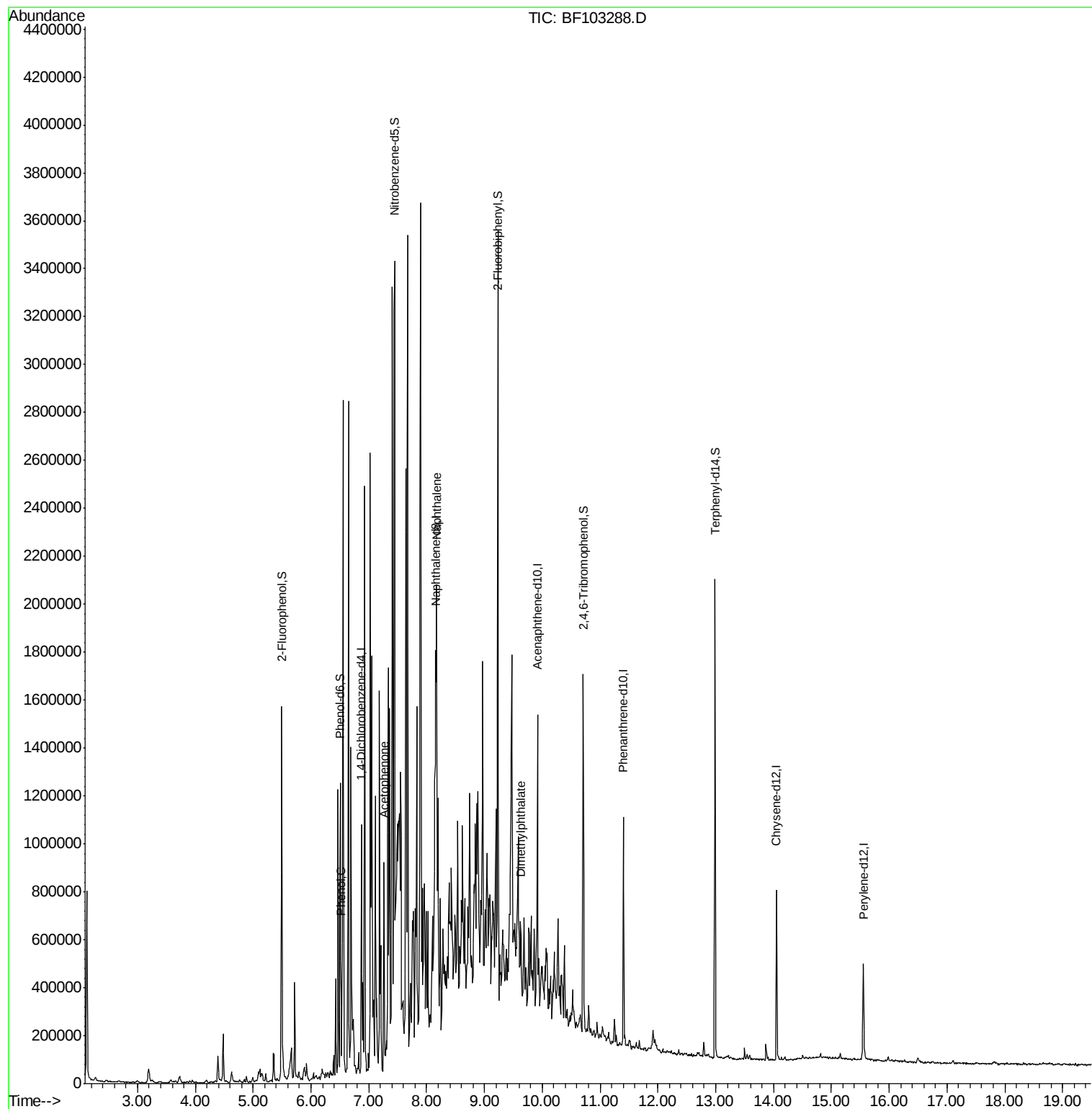
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142475	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	534393	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	222973	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318332	20.00	ng	0.00
75) Chrysene-d12	14.05	240	243111	20.00	ng	0.00
86) Perylene-d12	15.56	264	186837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	432884	45.95	ng	0.00
7) Phenol-d6	6.50	99	354478	30.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	571907	61.12	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	164718	87.28	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	966449	71.96	ng	0.00
78) Terphenyl-d14	12.99	244	681583	67.39	ng	0.00
Target Compounds						
10) Phenol	6.52	94	53547	4.002	ng	92
22) Acetophenone	7.26	105	304935	24.446	ng	# 58
31) Naphthalene	8.18	128	421825	16.123	ng	97
49) Dimethylphthalate	9.63	163	51990	2.907	ng	# 57

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

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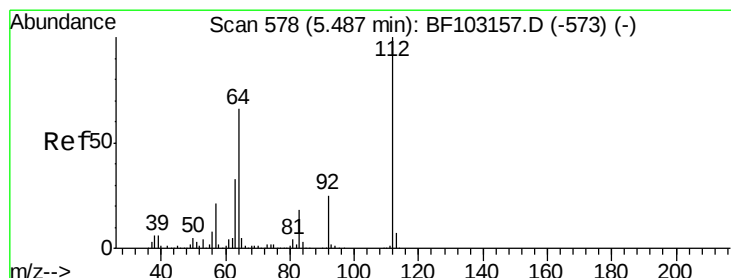
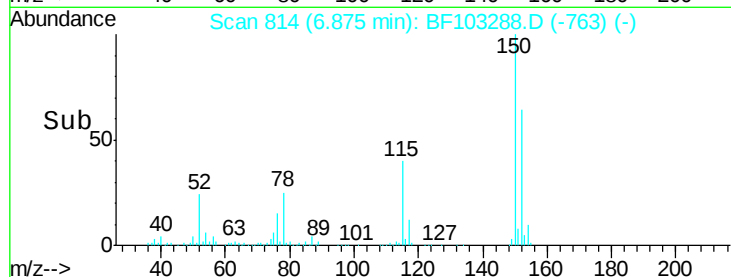
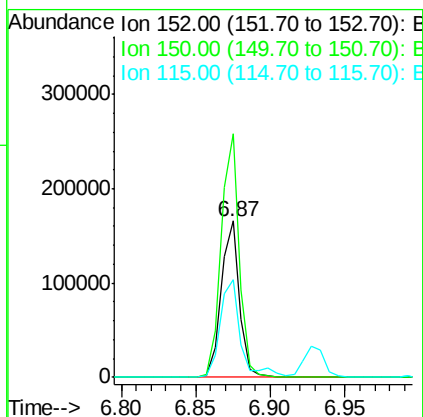
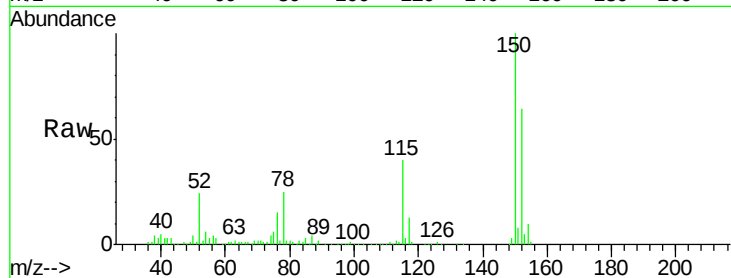


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

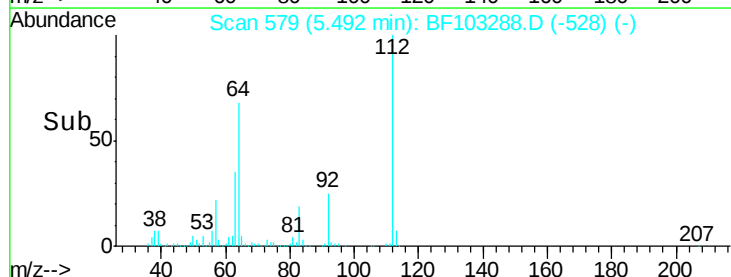
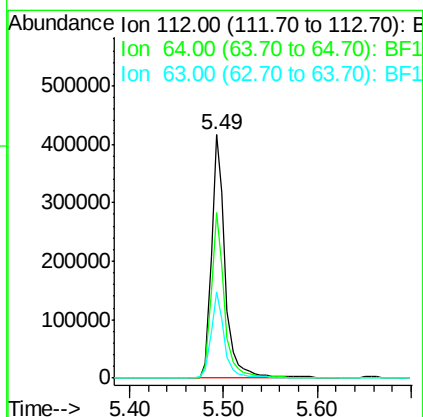
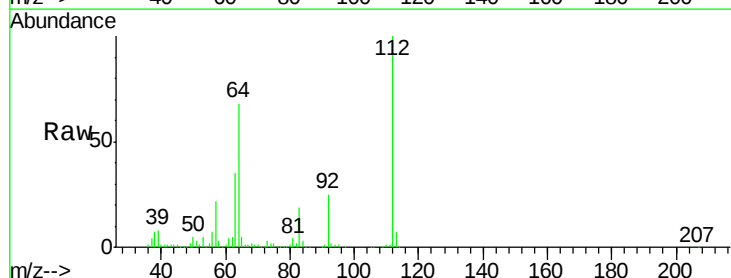
Tot Ion:152 Resp: 142475
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.4 50.1 75.1

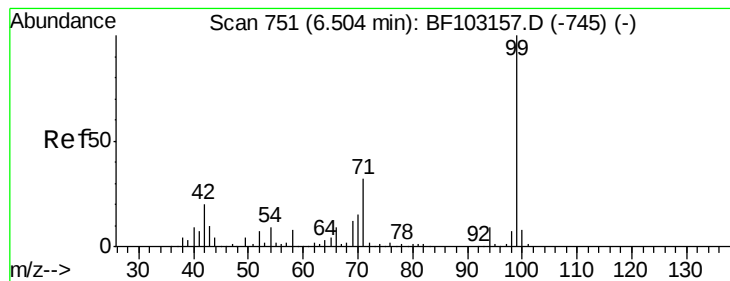


#5

2-Fluorophenol
Concen: 45.952 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:112 Resp: 432884
Ion Ratio Lower Upper
112 100
64 68.0 47.9 71.9
63 35.4 23.7 35.5





#7

Phenol-d6

Concen: 30.752 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

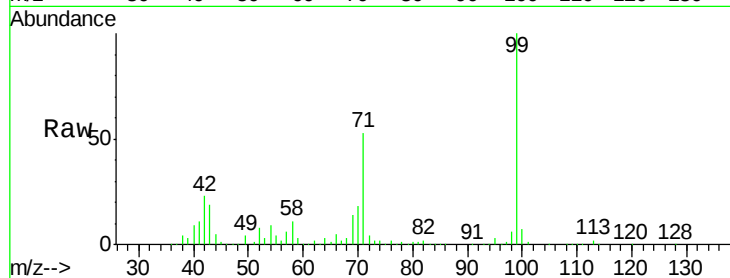
Tot Ion: 99 Resp: 354478

Ion Ratio Lower Upper

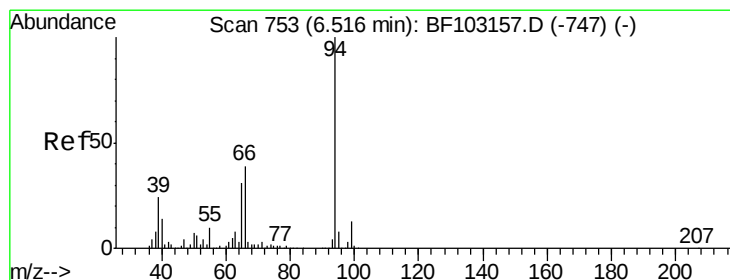
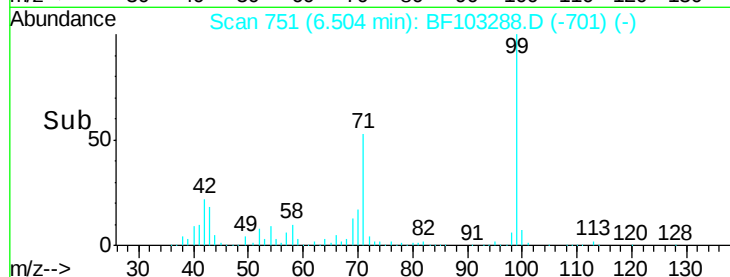
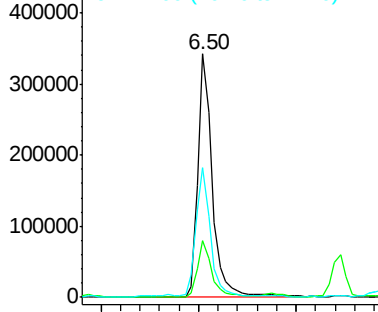
99 100

42 23.4 14.5 21.7#

71 53.4 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: 4.002 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

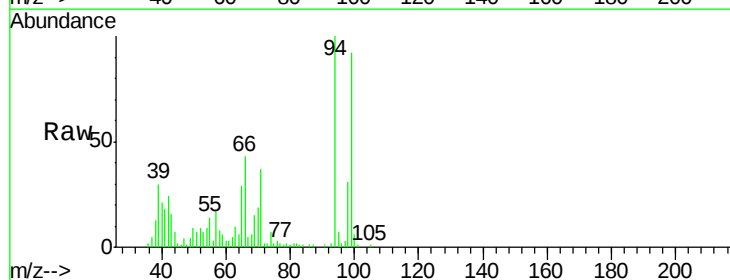
Tgt Ion: 94 Resp: 53547

Ion Ratio Lower Upper

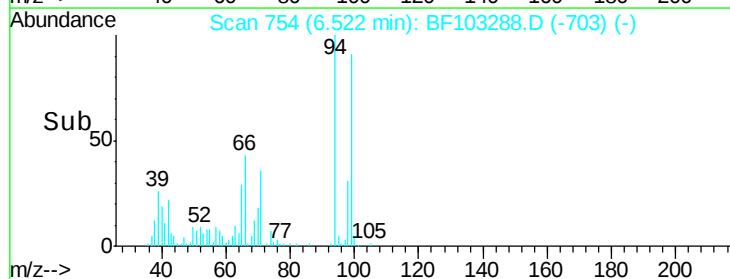
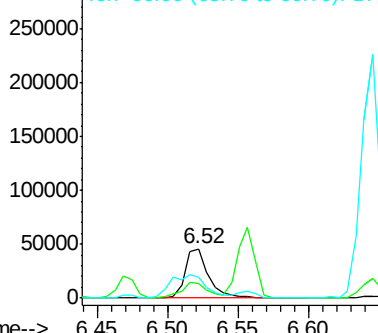
94 100

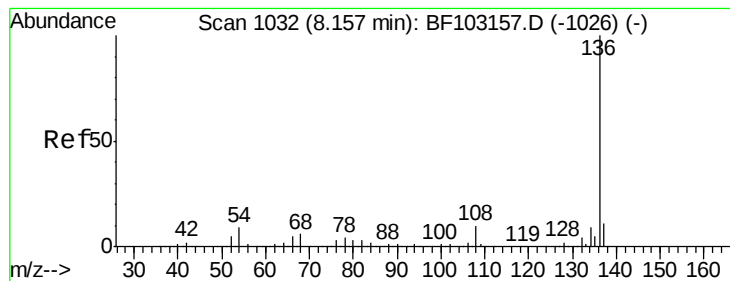
65 29.0 7.9 47.9

66 43.2 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:136 Resp: 534393

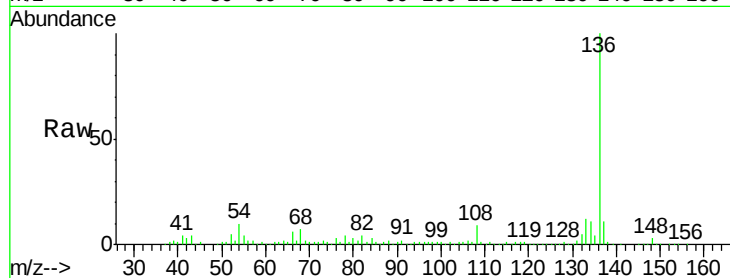
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 10.0 6.6 9.8#

68 7.0 5.0 7.4

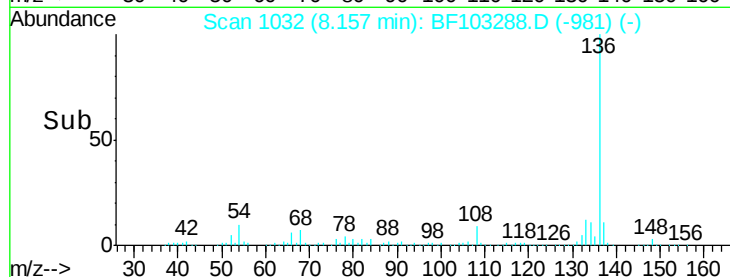


Abundance Ion 136.00 (135.70 to 136.70): E

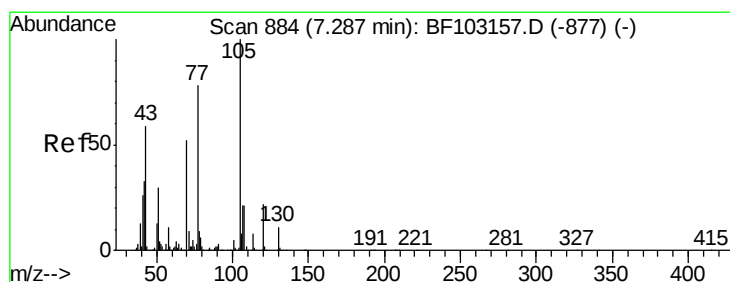
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 24.446 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

Tgt Ion:105 Resp: 304935

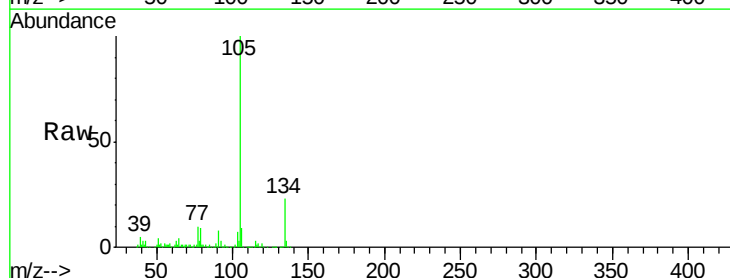
Ion Ratio Lower Upper

105 100

71 0.7 4.4 6.6#

51 3.9 22.3 33.5#

120 0.2 16.9 25.3#

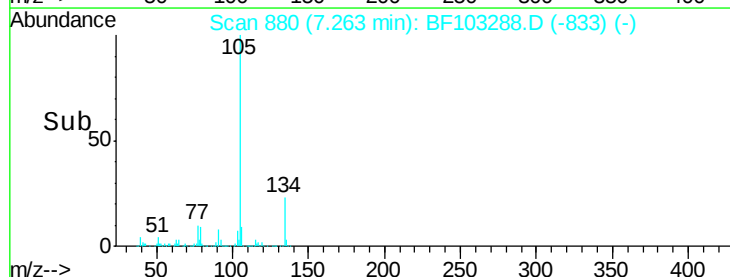


Abundance Ion 105.00 (104.70 to 105.70): E

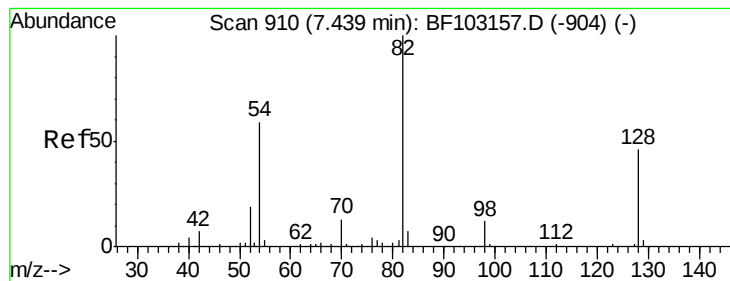
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 61.117 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

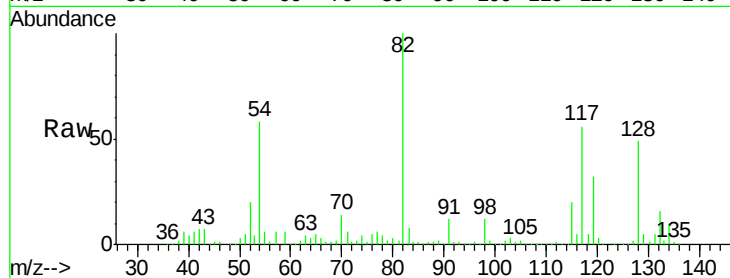
Tot Ion: 82 Resp: 571907

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

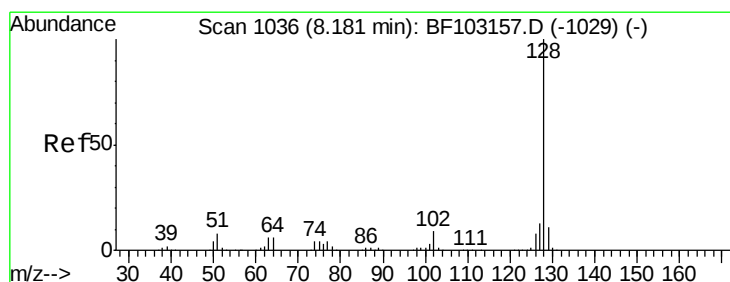
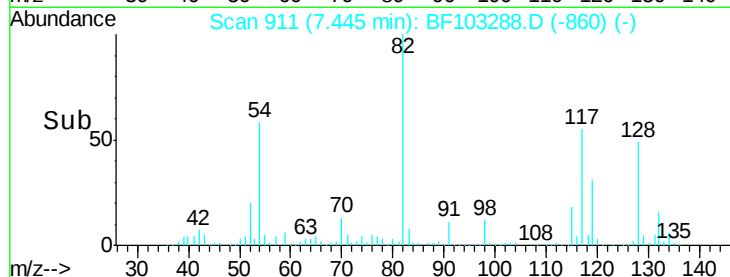
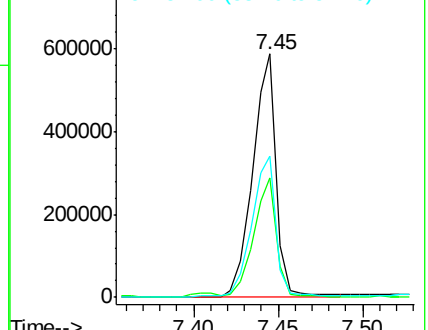
54 57.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 16.123 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

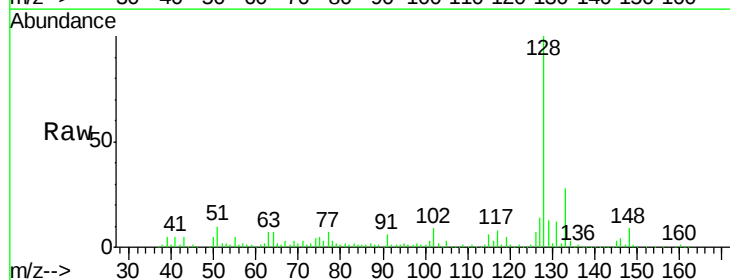
Tgt Ion: 128 Resp: 421825

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

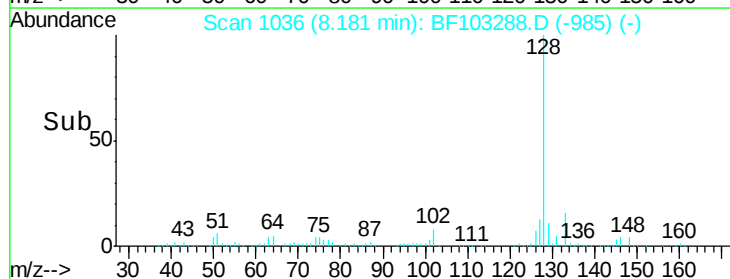
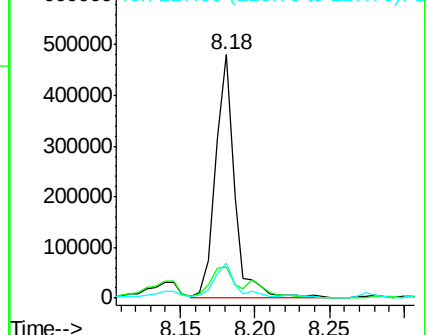
127 14.2 10.9 16.3

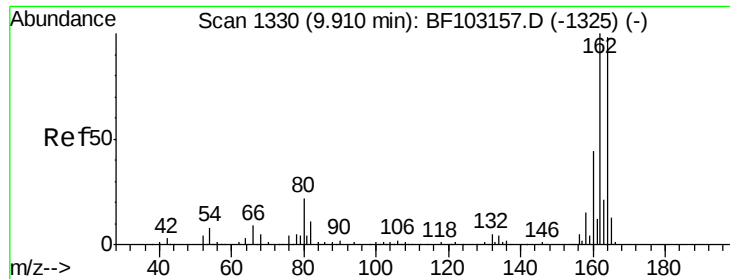


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

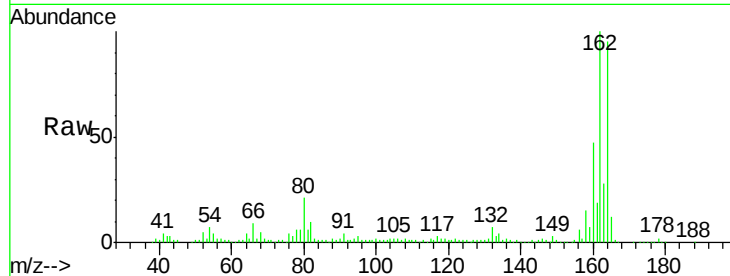




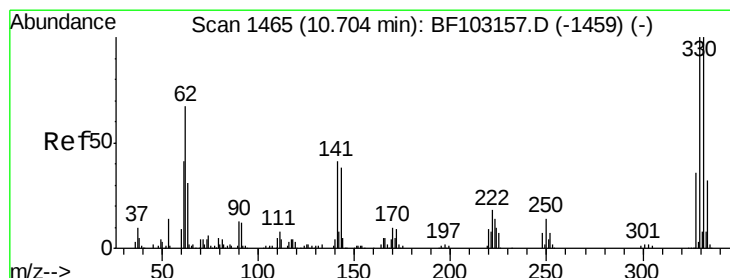
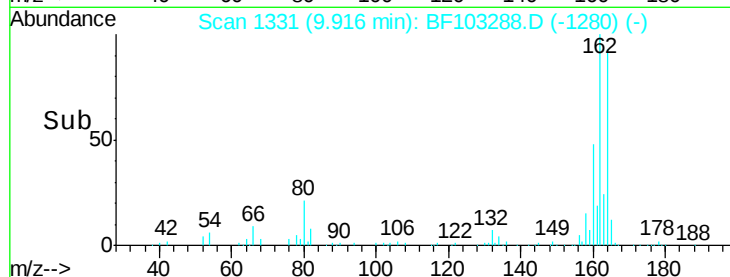
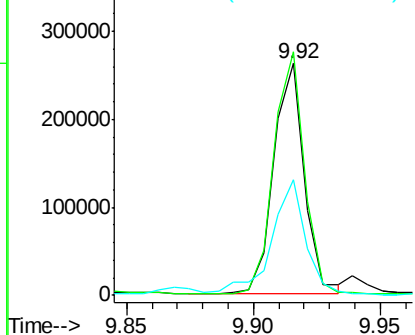
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103288.D
 Acq: 28 Feb 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion:164 Resp: 222973
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 49.8 38.3 57.5

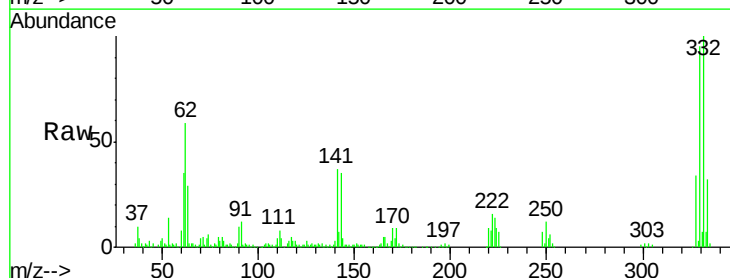


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

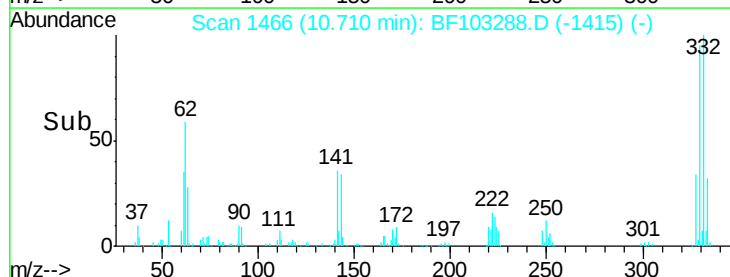
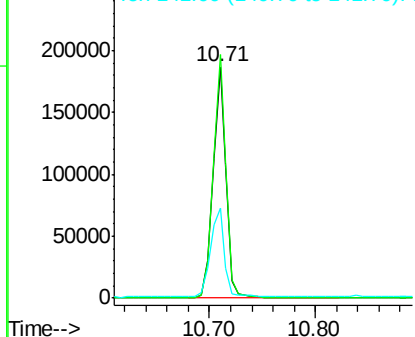


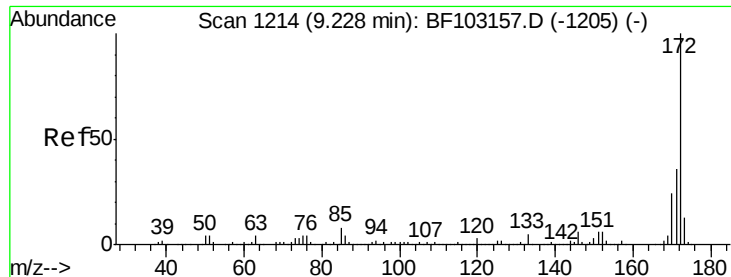
#41
 2,4,6-Tribromophenol
 Concen: 87.275 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103288.D
 Acq: 28 Feb 2018 3:21

Tgt Ion:330 Resp: 164718
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 40.4 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

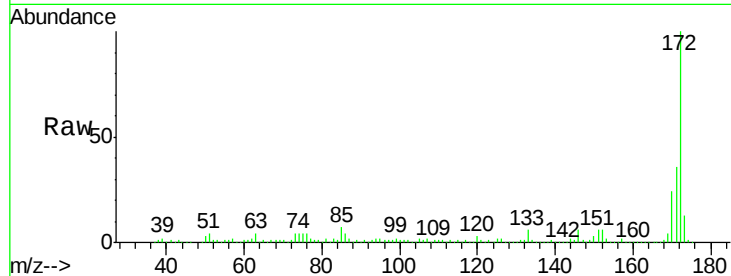




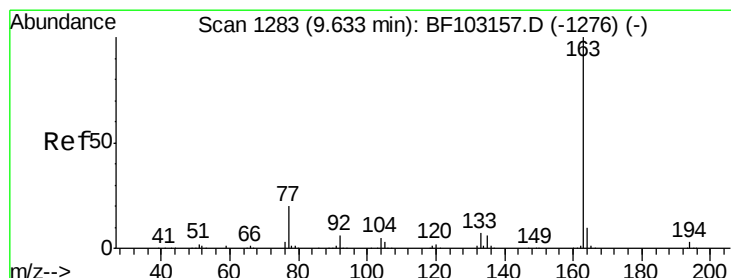
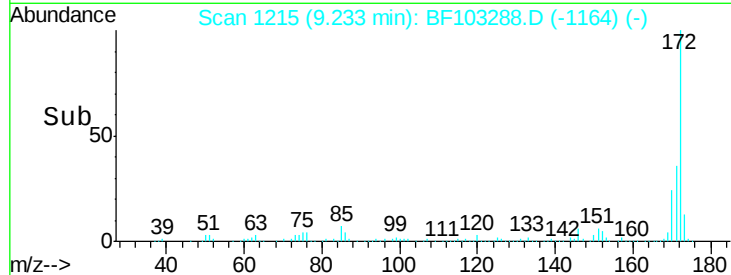
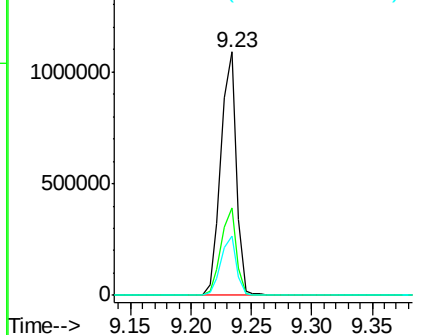
#44
2-Fluorobiphenyl
Concen: 71.963 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

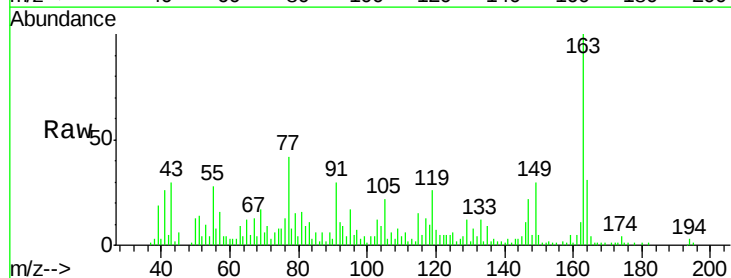


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

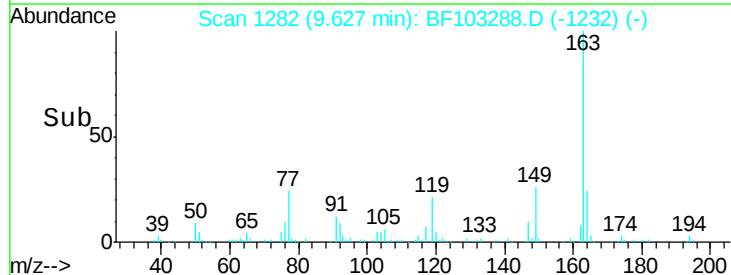
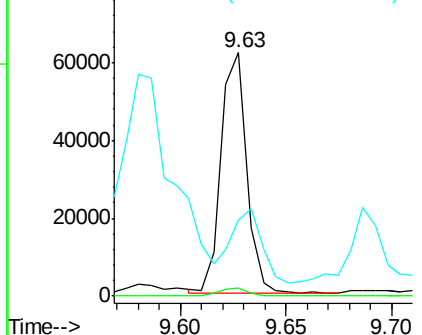


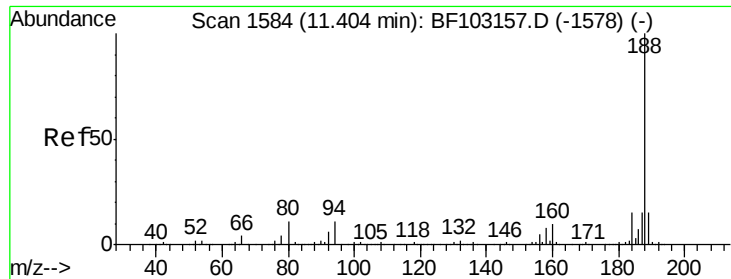
#49
Dimethylphthalate
Concen: 2.907 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	31.4	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

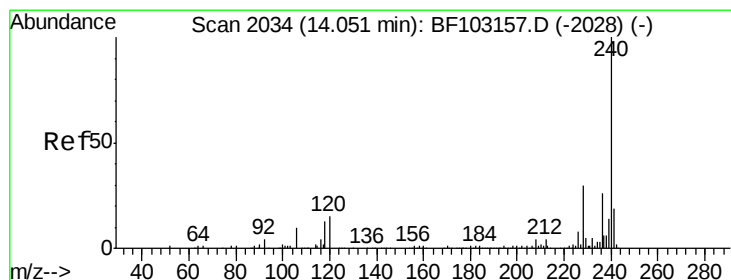
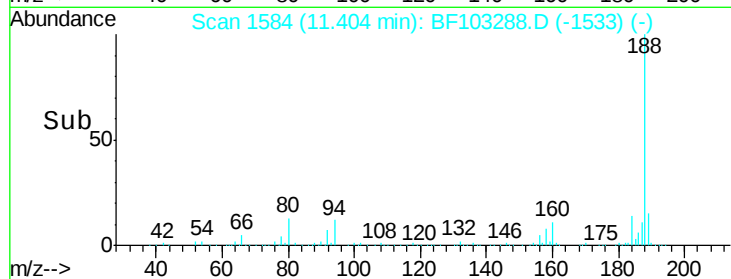
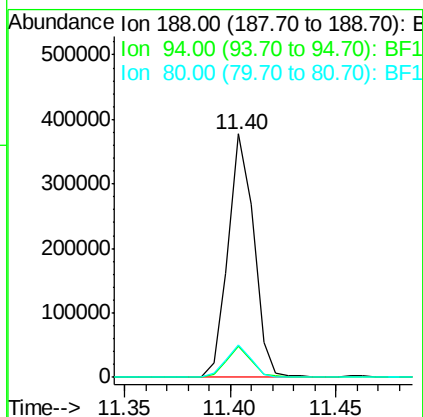
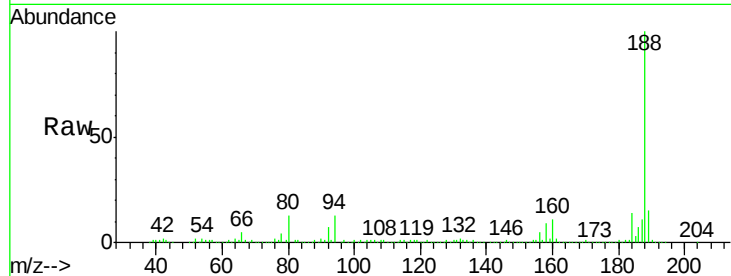




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

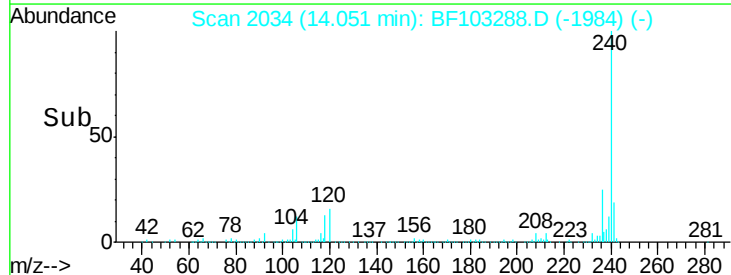
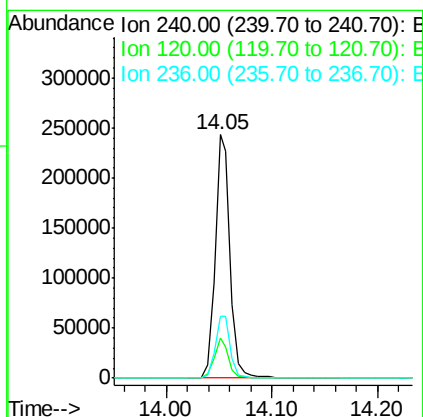
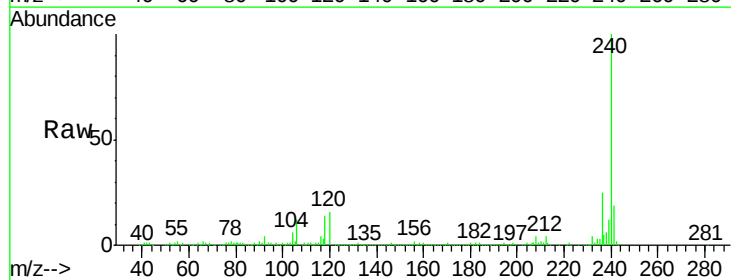
Instrument :
BNA_F
ClientSampleId :
RFK-RMAB-MW10-GW

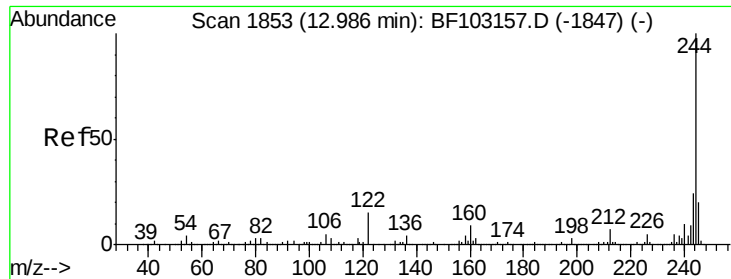
Tot Ion:188 Resp: 318332
Ion Ratio Lower Upper
188 100
94 12.6 8.5 12.7
80 13.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103288.D
Acq: 28 Feb 2018 3:21

Tgt Ion:240 Resp: 243111
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 67.395 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

Instrument :

BNA_F

ClientSampleId :

RFK-RMAB-MW10-GW

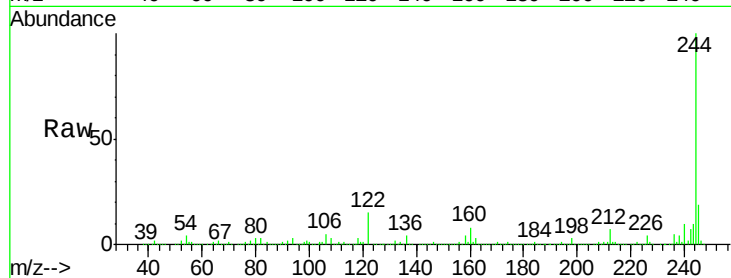
Tot Ion:244 Resp: 681583

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

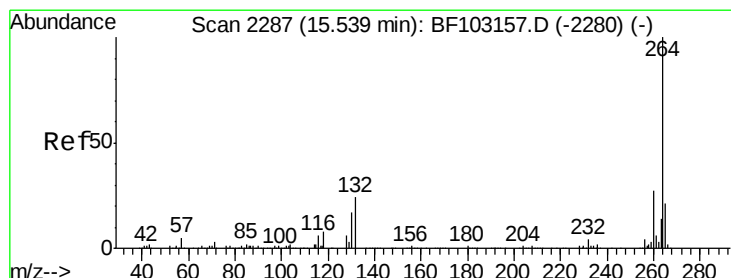
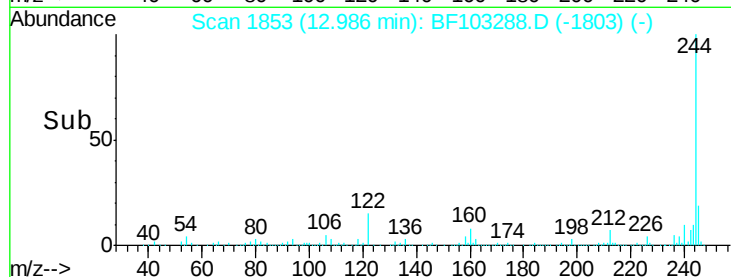
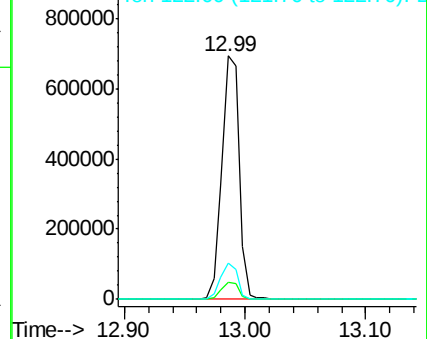
122 15.1 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF103288.D

Acq: 28 Feb 2018 3:21

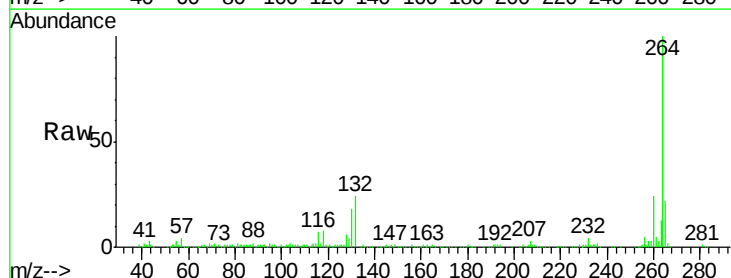
Tgt Ion:264 Resp: 186837

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 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

