

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102956.D
 Acq On : 13 Feb 2018 12:48
 Operator : SJ/JU
 Sample : J1518-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

Quant Time: Feb 14 00:31:17 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 00:38:27 2018
 Response via : Initial Calibration

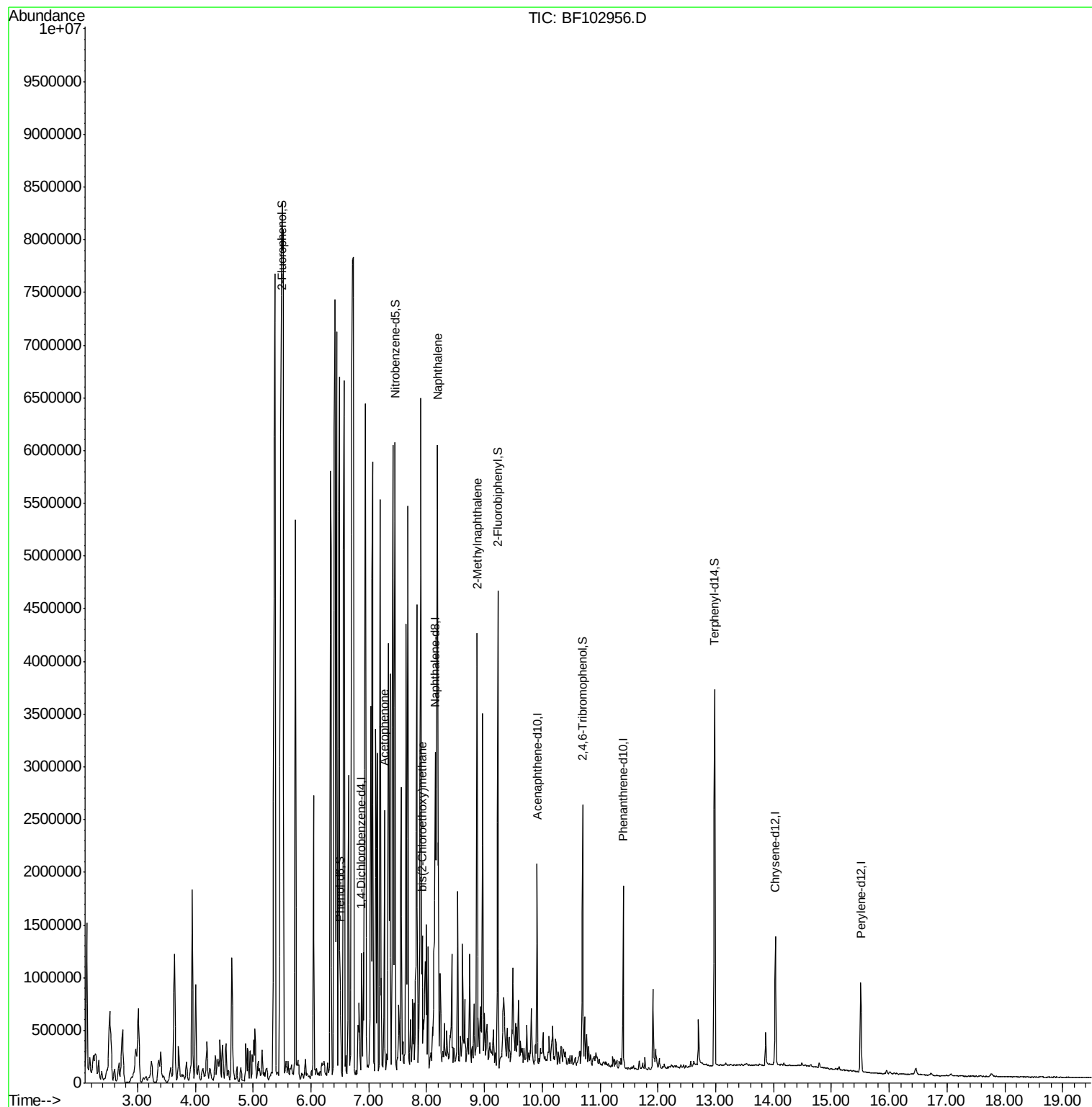
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162610	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	644682	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	320834	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	560155	20.00	ng	0.00
75) Chrysene-d12	14.03	240	386496	20.00	ng	0.00
86) Perylene-d12	15.51	264	324215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	161355	15.07	ng	0.01
7) Phenol-d6	6.51	99	381625	29.60	ng	0.01
23) Nitrobenzene-d5	7.45	82	756714	81.43	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	290804	112.61	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1528058	79.03	ng	0.00
78) Terphenyl-d14	12.98	244	1370766	83.98	ng	0.00
Target Compounds						
22) Acetophenone	7.27	105	920562	58.352	ng	Qvalue # 58
28) bis(2-Chloroethoxy)methane	7.92	93	35105	2.769	ng	# 86
31) Naphthalene	8.19	128	2974076	94.422	ng	98
37) 2-Methylnaphthalene	8.87	142	1198344	58.110	ng	99

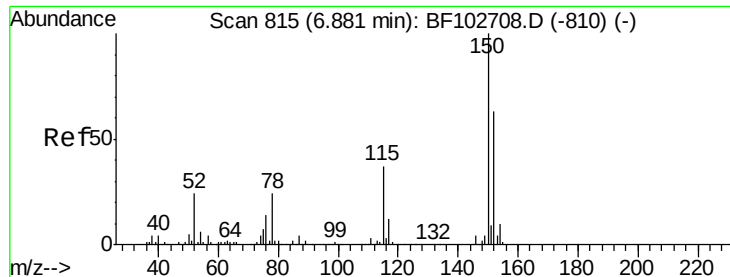
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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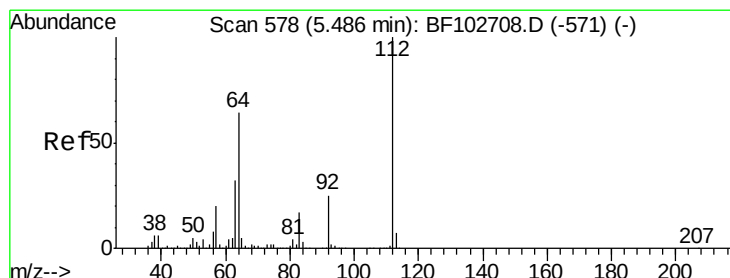
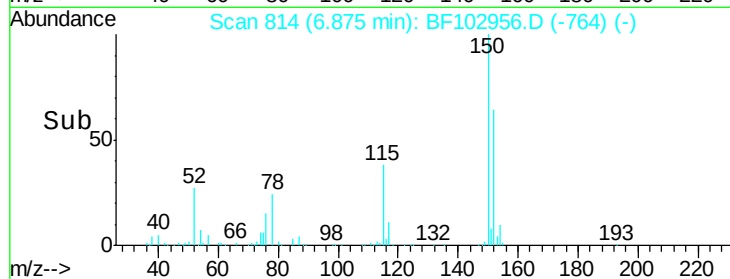
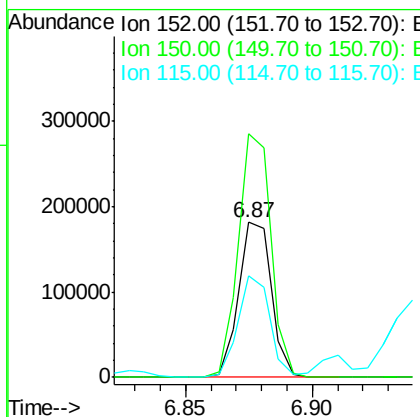
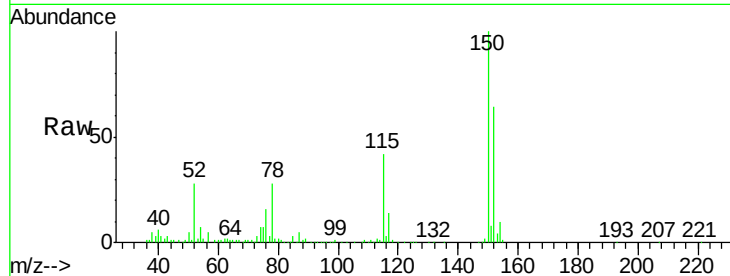


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102956.D
Acq: 13 Feb 2018 12:48

Instrument :
BNA_F
ClientSampleId :
MW-4A

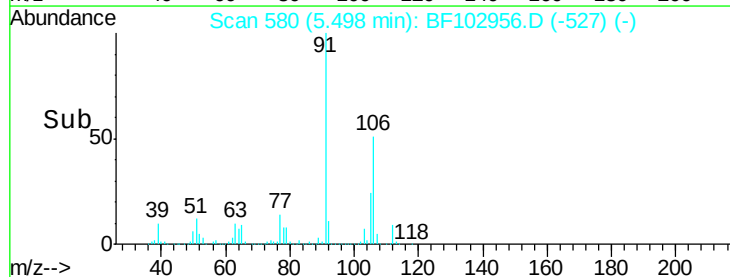
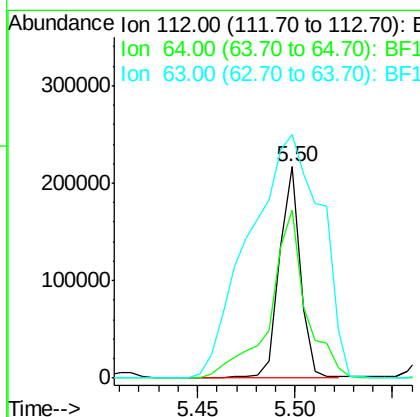
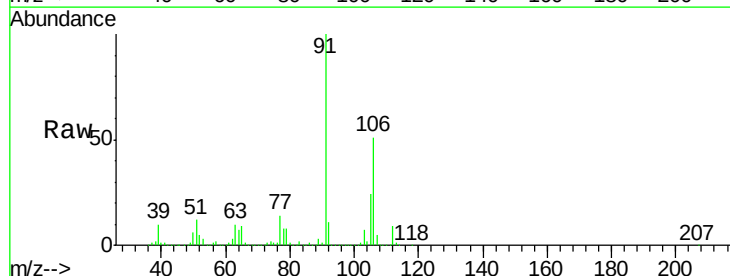
Tot Ion	152	Resp	162610
Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	65.7	50.1	75.1

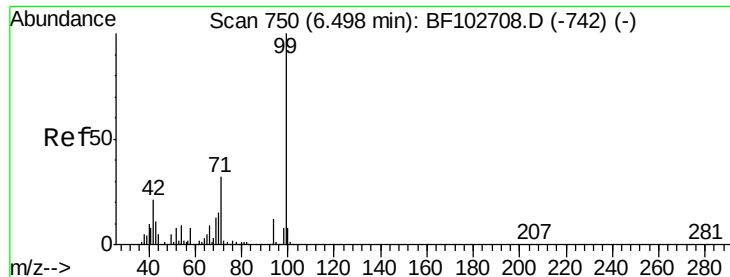


#5

2-Fluorophenol
Concen: 15.069 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102956.D
Acq: 13 Feb 2018 12:48

Tgt Ion	112	Resp	161355
Ion	Ratio	Lower	Upper
112	100		
64	79.6	47.9	71.9#
63	115.1	23.7	35.5#





#7

Phenol-d6

Concen: 29.601 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

Instrument :

BNA_F

ClientSampleId :

MW-4A

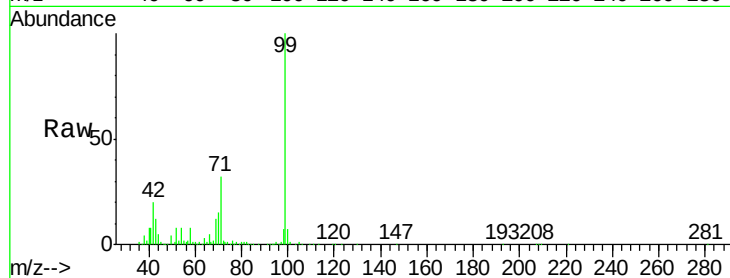
Tot Ion: 99 Resp: 381625

Ion Ratio Lower Upper

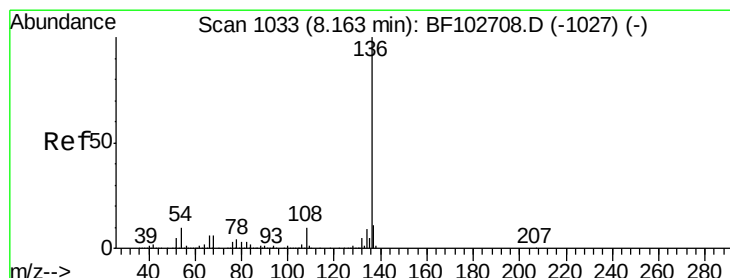
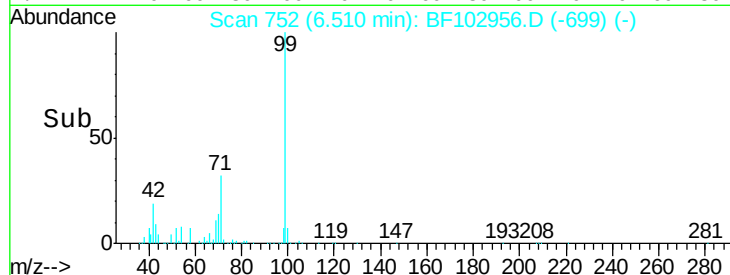
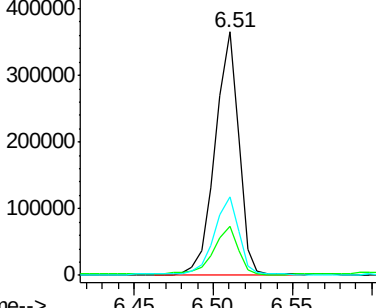
99 100

42 20.3 14.5 21.7

71 32.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

Tgt Ion: 136 Resp: 644682

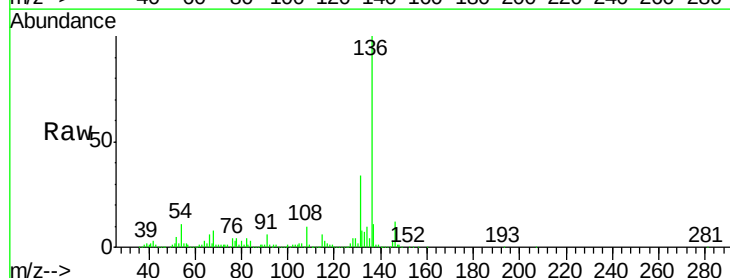
Ion Ratio Lower Upper

136 100

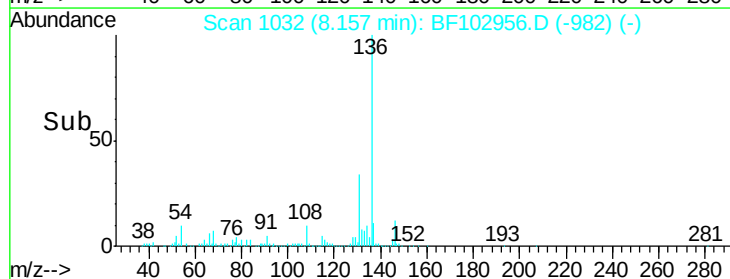
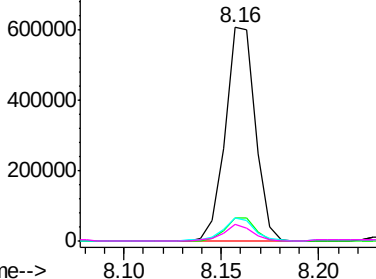
137 11.0 8.9 13.3

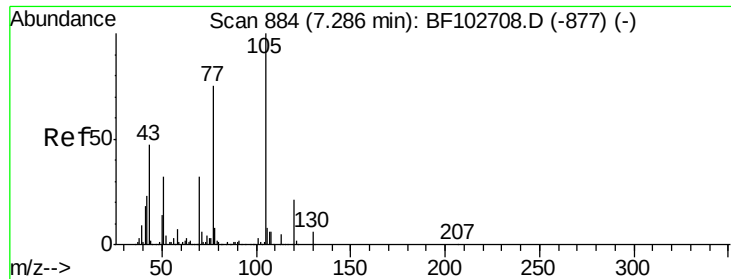
54 10.7 6.6 9.8#

68 7.6 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

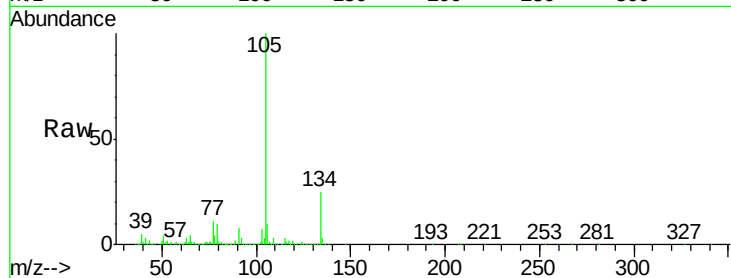




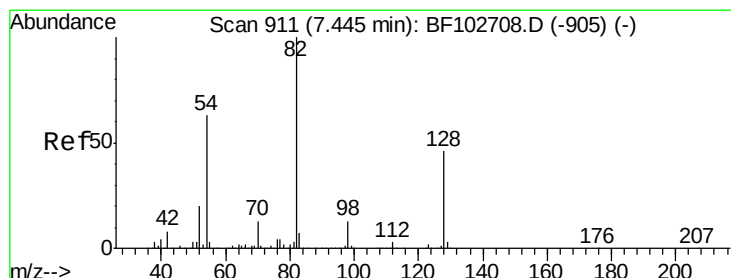
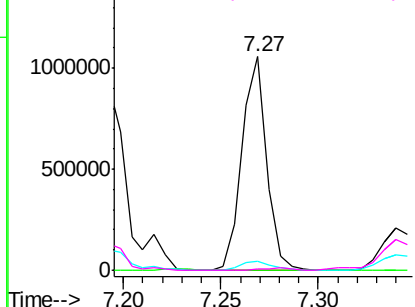
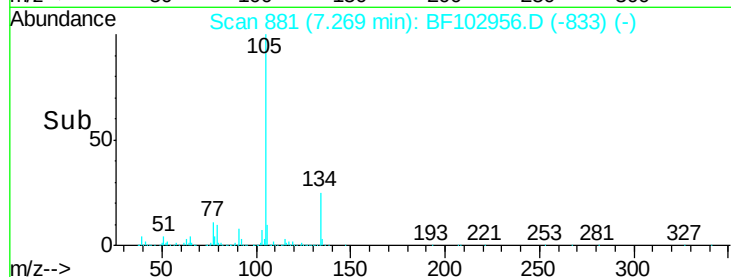
#22
Acetophenone
Concen: 58.352 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF102956.D
Acq: 13 Feb 2018 12:48

Instrument :
BNA_F
ClientSampleId :
MW-4A

Tot Ion:105 Resp: 920562
Ion Ratio Lower Upper
105 100
71 0.1 4.4 6.6#
51 4.3 22.3 33.5#
120 0.4 16.9 25.3#

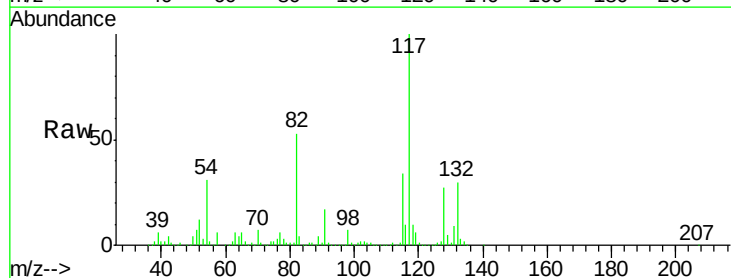


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

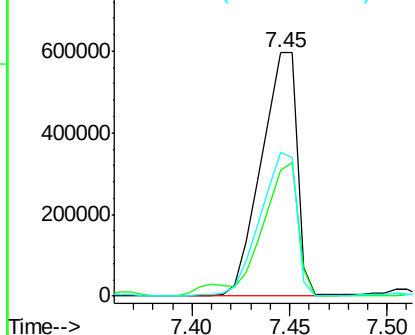
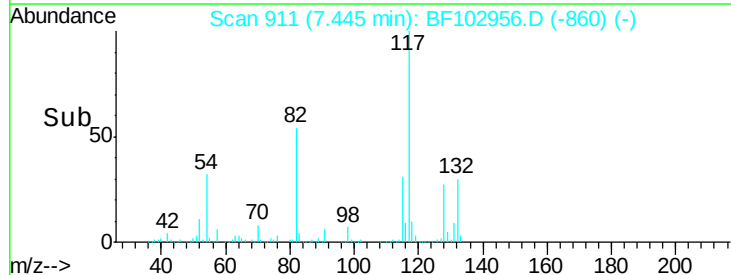


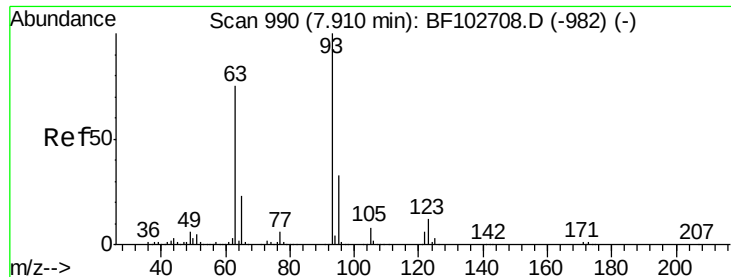
#23
Nitrobenzene-d5
Concen: 81.426 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF102956.D
Acq: 13 Feb 2018 12:48

Tgt Ion: 82 Resp: 756714
Ion Ratio Lower Upper
82 100
128 51.4 36.1 54.1
54 58.9 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





#28

bis(2-Chloroethoxy)methane

Concen: 2.769 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

Instrument :

BNA_F

ClientSampleId :

MW-4A

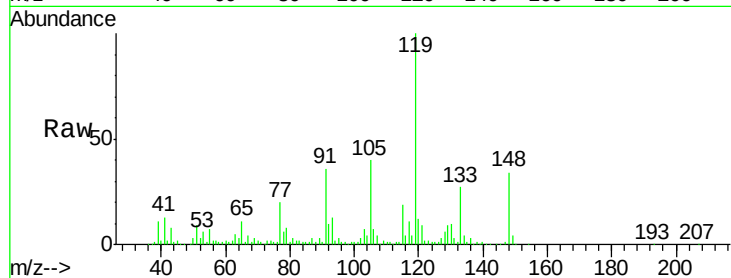
Tot Ion: 93 Resp: 35105

Ion Ratio Lower Upper

93 100

95 24.2 26.3 39.5#

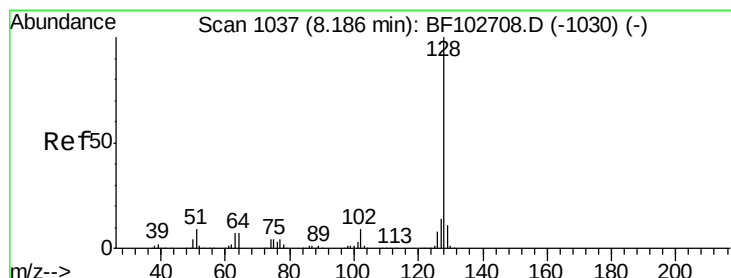
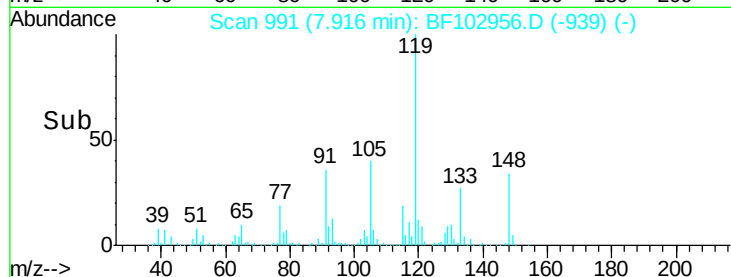
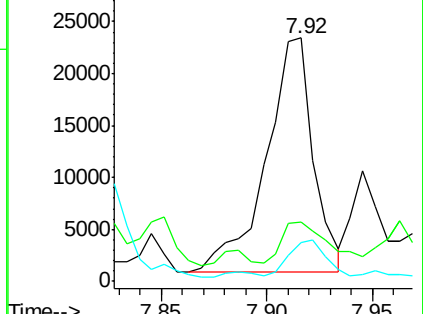
123 16.2 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#31

Naphthalene

Concen: 94.422 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

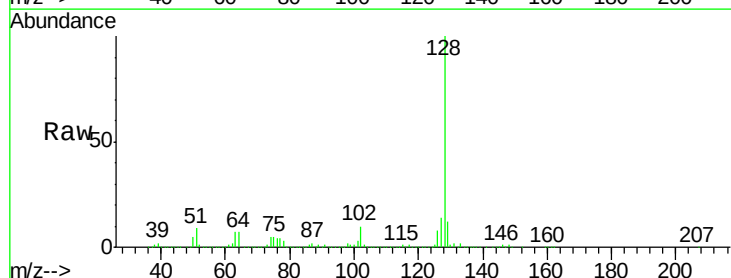
Tgt Ion: 128 Resp: 2974076

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

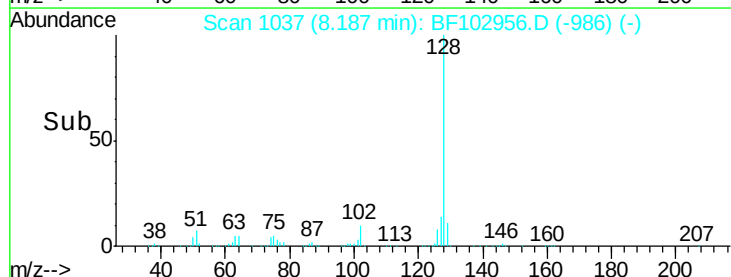
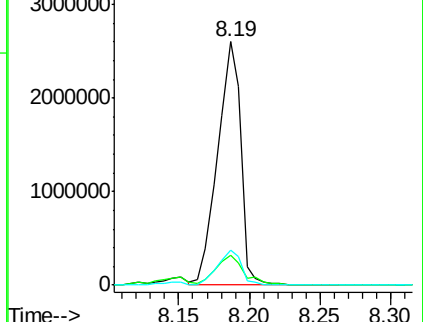
127 14.2 10.9 16.3

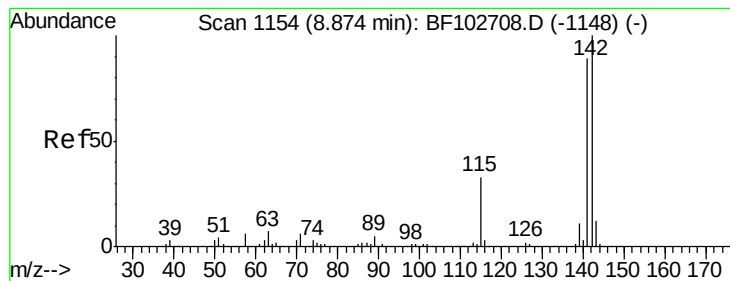


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

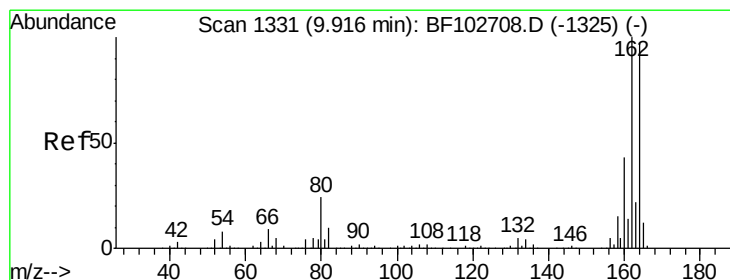
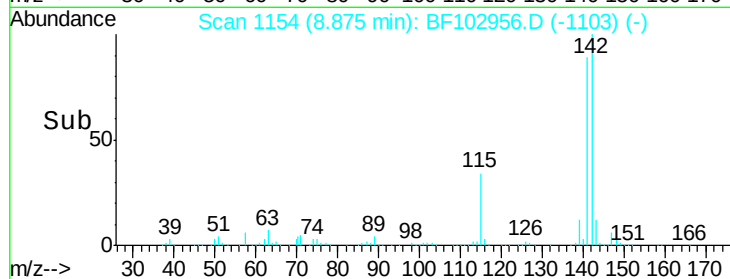
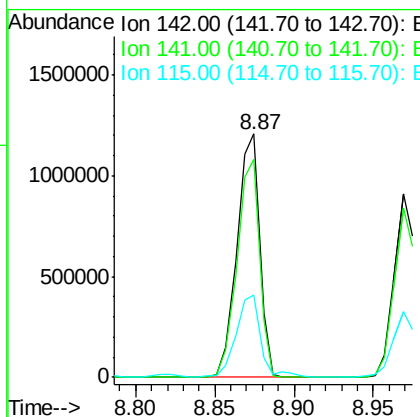
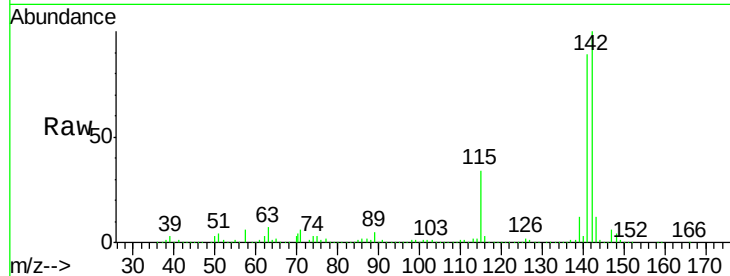




#37
 2-Methylnaphthalene
 Concen: 58.110 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF102956.D
 Acq: 13 Feb 2018 12:48

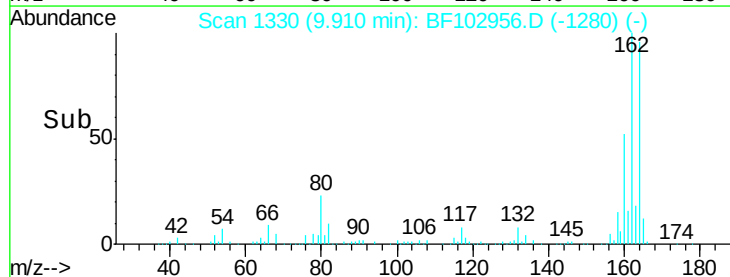
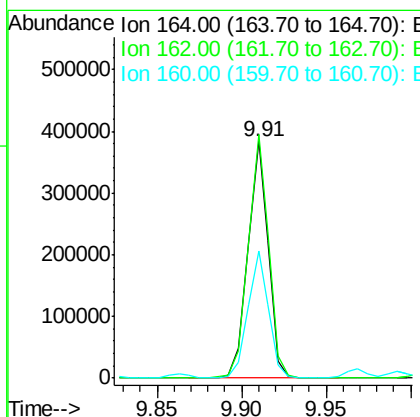
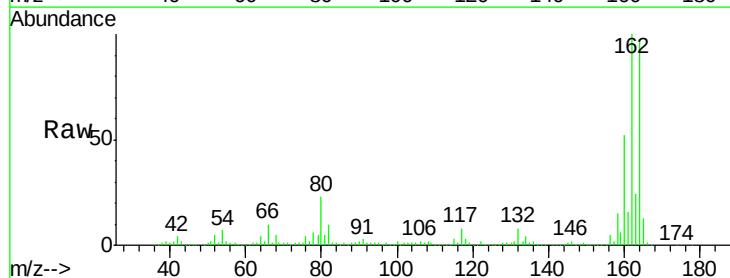
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

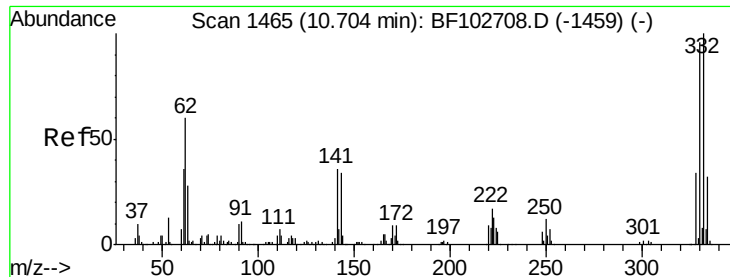
Tot Ion:142 Resp: 1198344
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF102956.D
 Acq: 13 Feb 2018 12:48

Tgt Ion:164 Resp: 320834
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 53.9 38.3 57.5

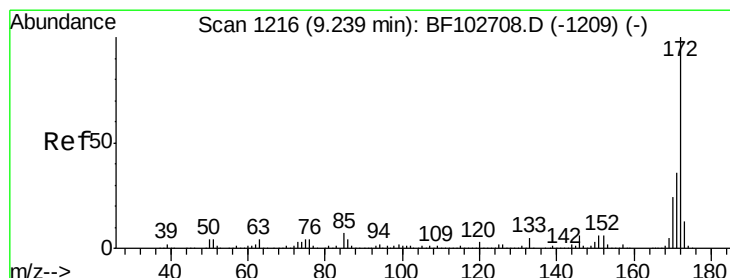
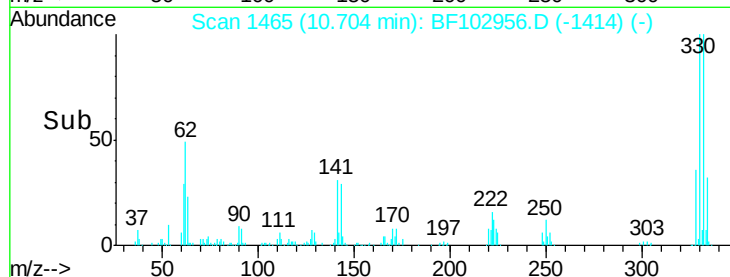
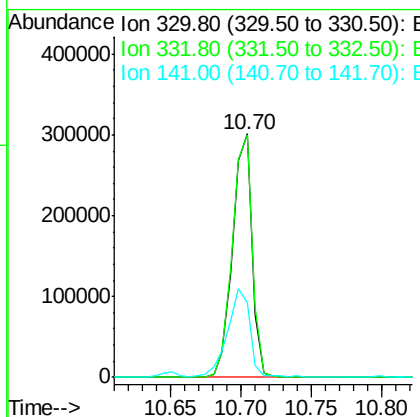
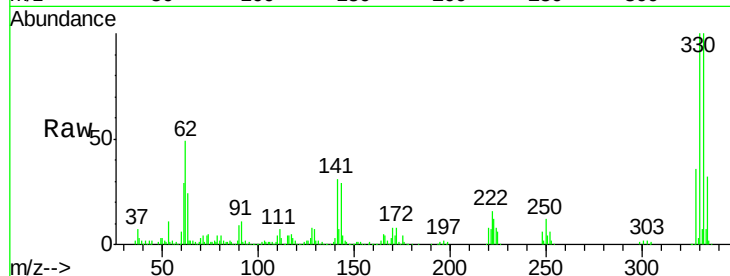




#41
 2,4,6-Tribromophenol
 Concen: 112.613 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102956.D
 Acq: 13 Feb 2018 12:48

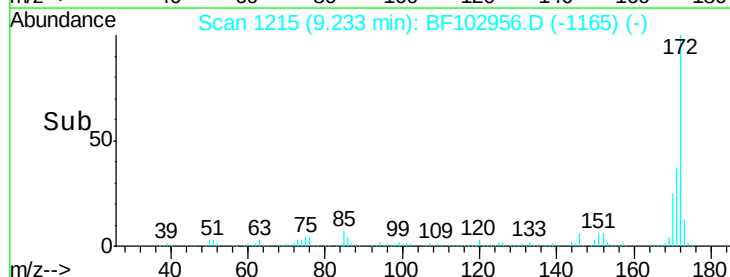
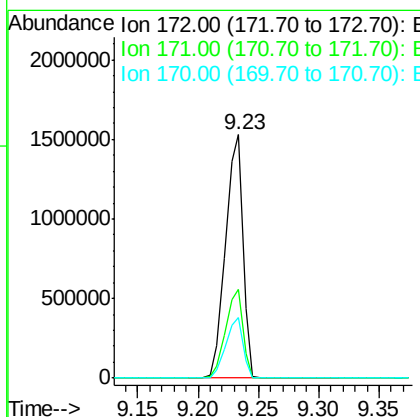
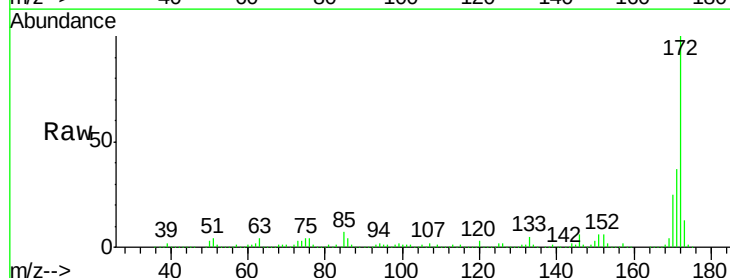
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A

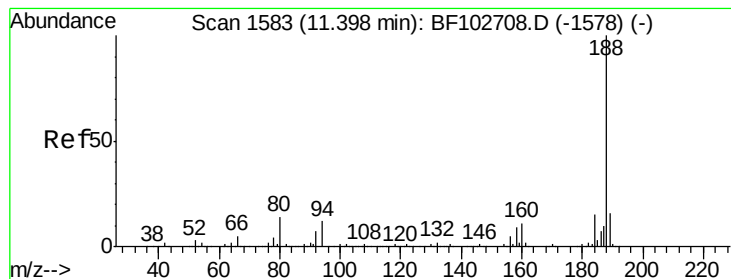
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	40.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.031 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102956.D
 Acq: 13 Feb 2018 12:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

Instrument :

BNA_F

ClientSampleId :

MW-4A

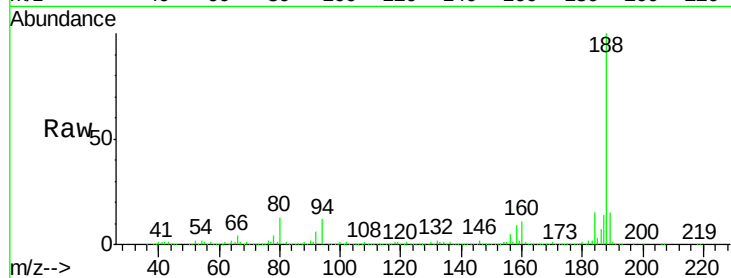
Tot Ion:188 Resp: 560155

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

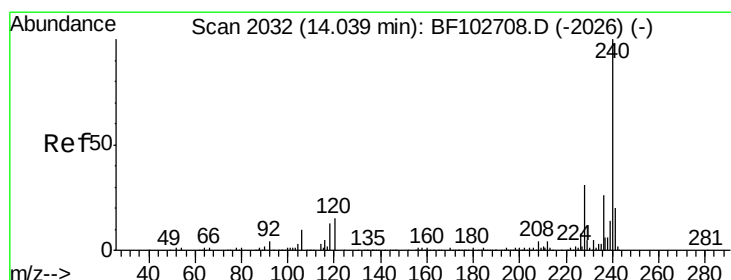
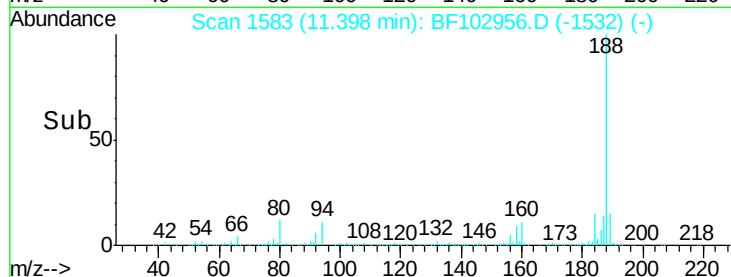
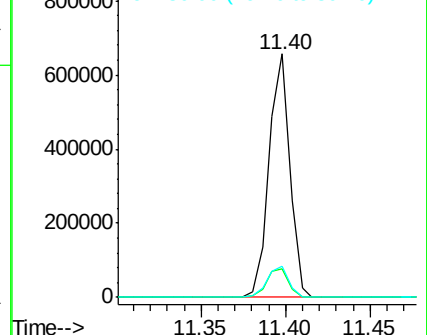
80 12.6 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

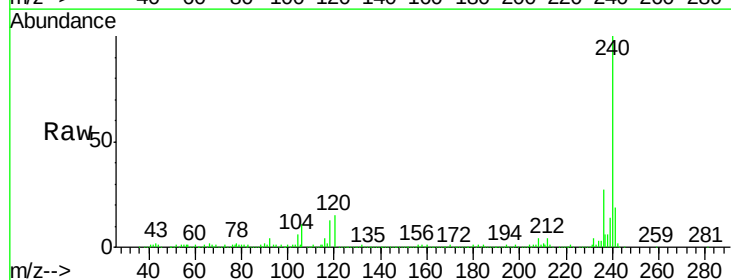
Tgt Ion:240 Resp: 386496

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

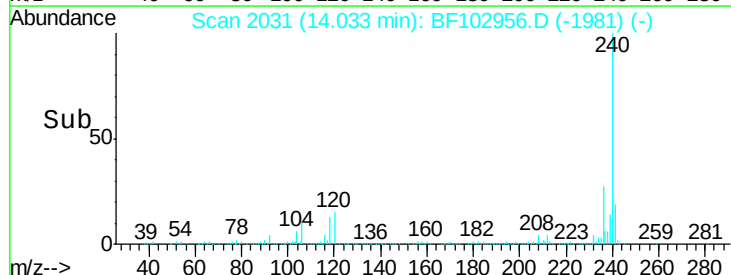
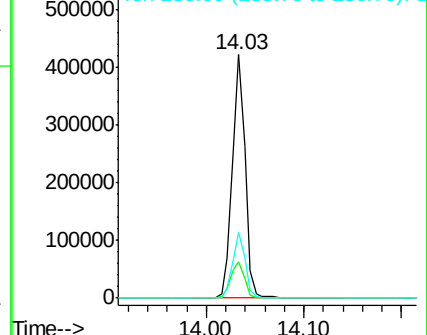
236 26.8 20.7 31.1

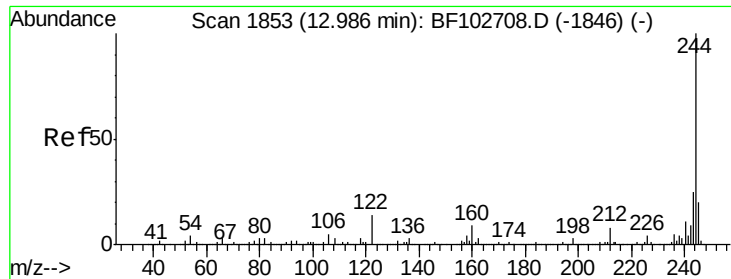


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.977 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

Instrument :

BNA_F

ClientSampleId :

MW-4A

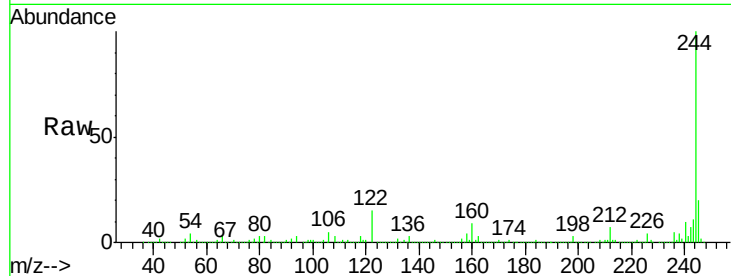
Tot Ion:244 Resp: 1370766

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

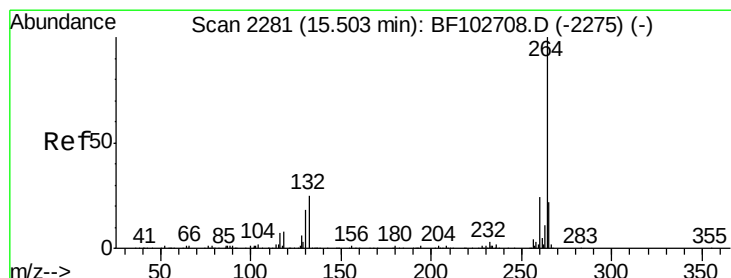
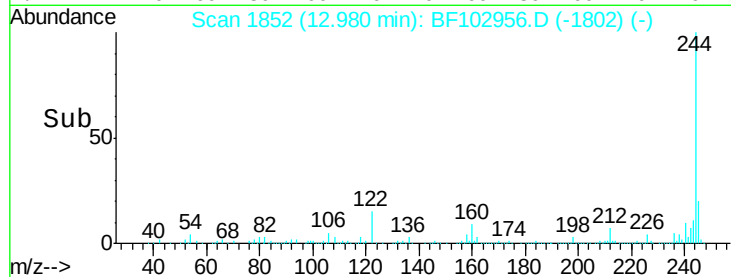
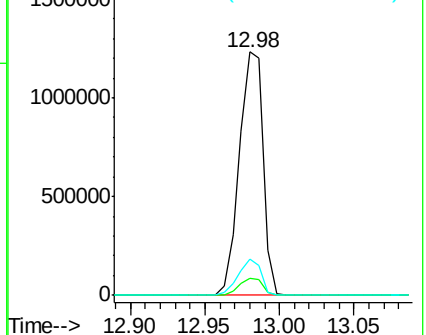
122 14.7 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102956.D

Acq: 13 Feb 2018 12:48

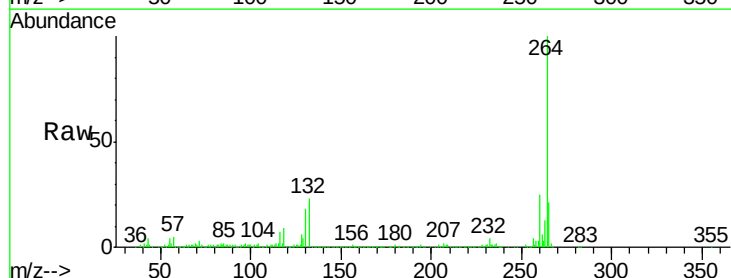
Tgt Ion:264 Resp: 324215

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 20.9 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

