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 Data File : BF103838.D
 Acq On : 21 Mar 2018 11:51
 Operator : JU/SJ
 Sample : J1960-01DL2 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BBDL2

Quant Time: Mar 21 12:24:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

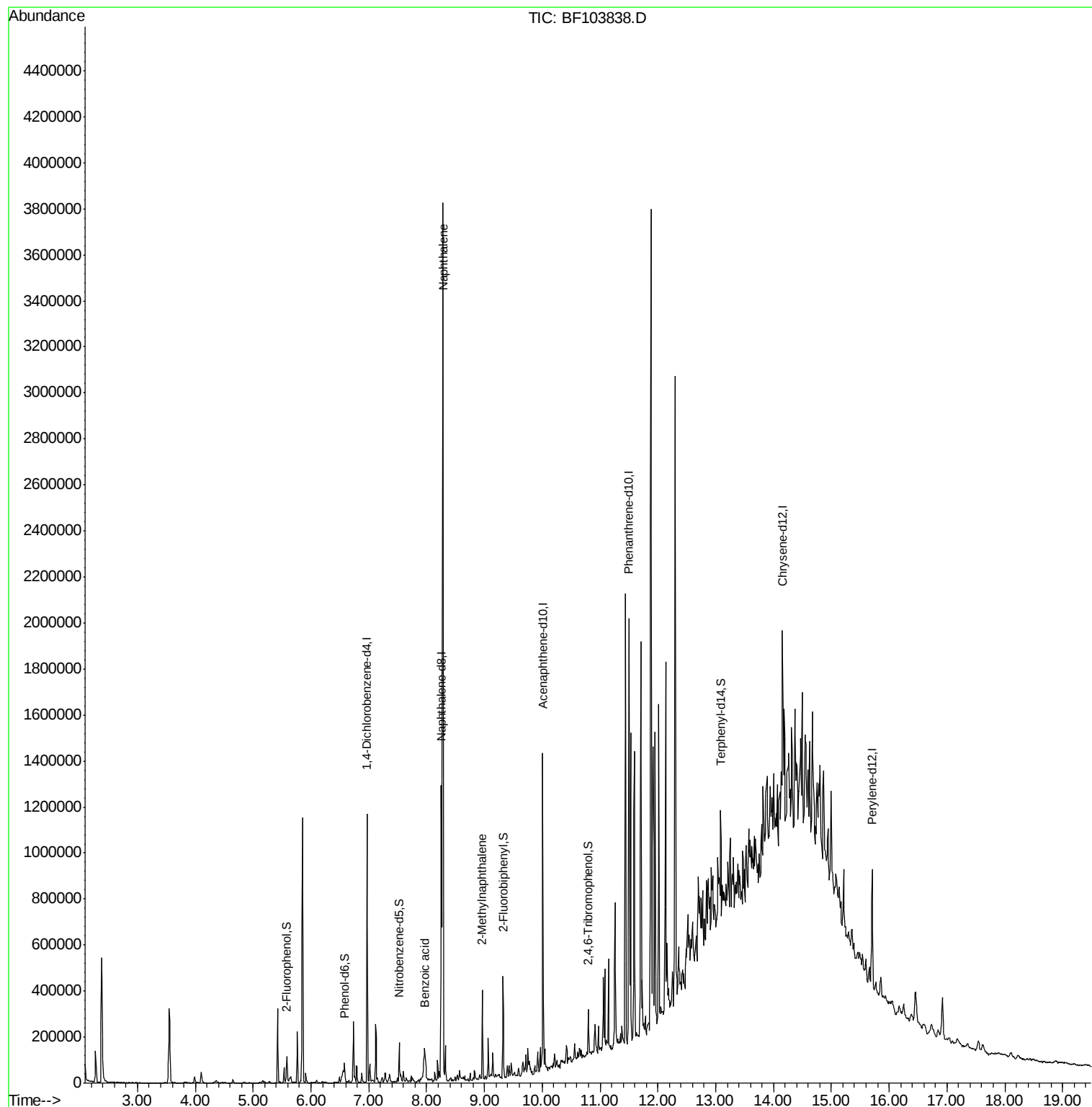
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158113	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	634231	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269812	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	394834	20.00	ng	0.00
75) Chrysene-d12	14.16	240	257774	20.00	ng	0.01
86) Perylene-d12	15.70	264	246218	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	34872	3.35	ng	0.00
7) Phenol-d6	6.57	99	28580	2.25	ng	-0.01
23) Nitrobenzene-d5	7.53	82	55527	6.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	18879	8.14	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	119997	7.09	ng	0.00
78) Terphenyl-d14	13.09	244	77206	6.95	ng	0.00
Target Compounds						
31) Naphthalene	8.28	128	1704425	53.200	ng	99
32) Benzoic acid	7.96	122	23992	12.897	ng	97
37) 2-Methylnaphthalene	8.96	142	94852	4.669	ng	100

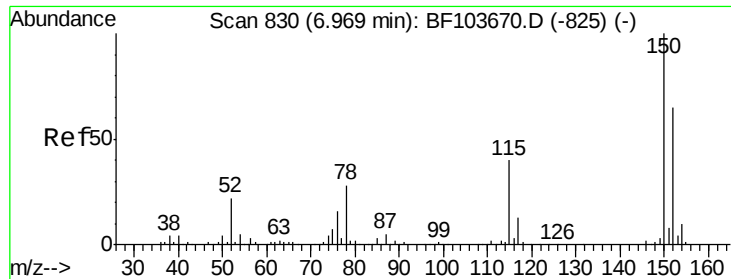
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
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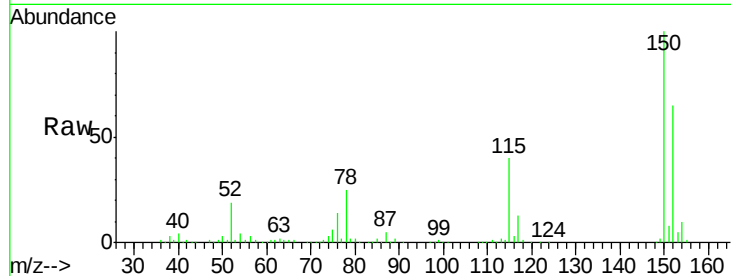


#1

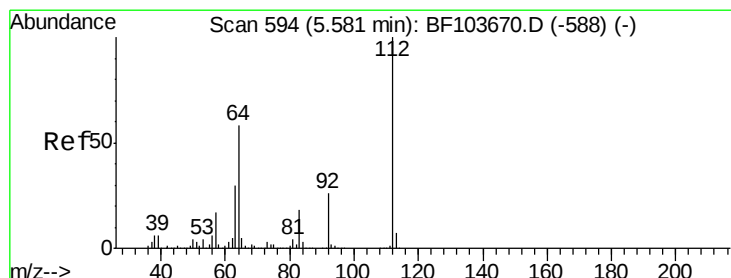
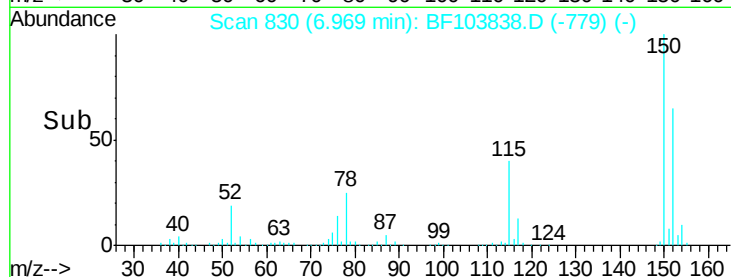
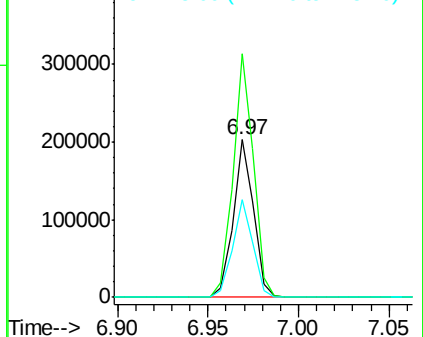
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampleId :
BBDL2

Tot Ion:152 Resp: 158113
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.8 50.1 75.1



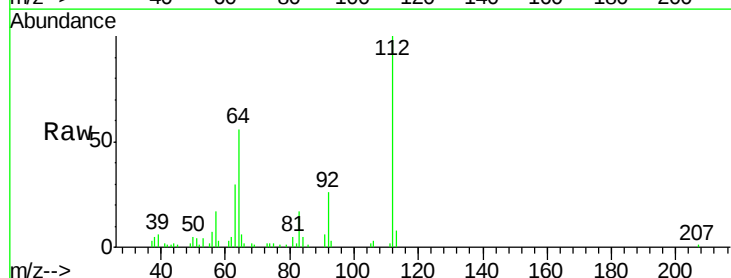
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



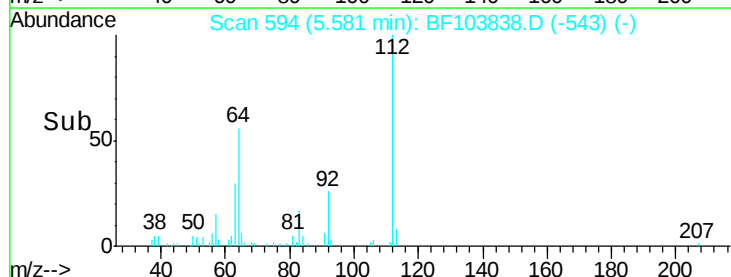
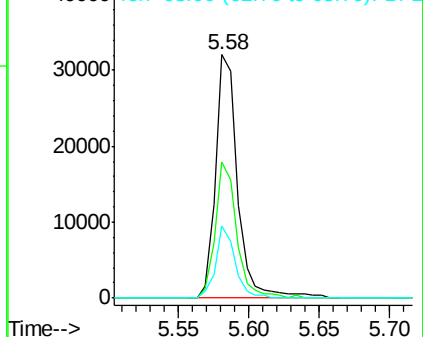
#5

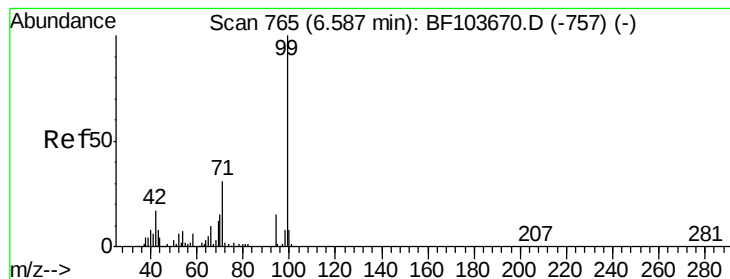
2-Fluorophenol
Concen: 3.355 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:112 Resp: 34872
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 29.8 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: 2.247 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

Instrument :

BNA_F

ClientSampleId :

BBDL2

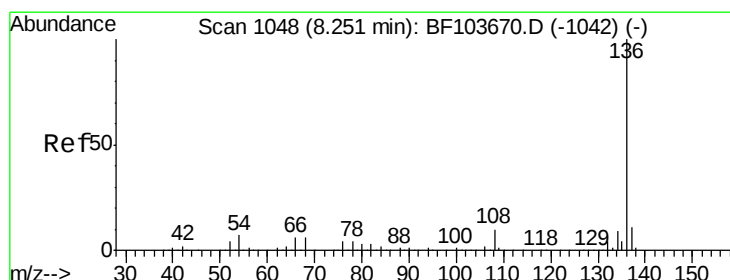
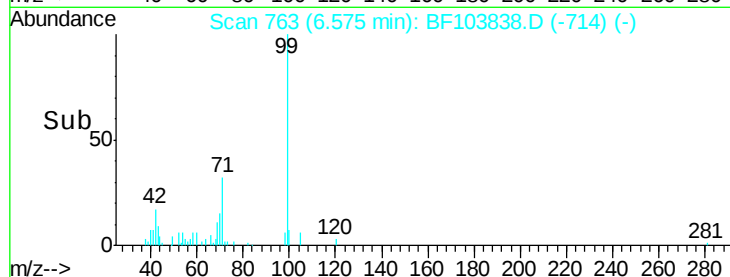
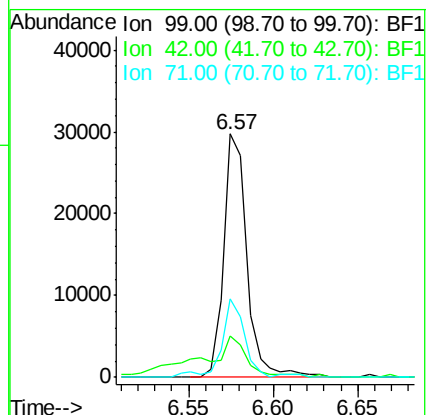
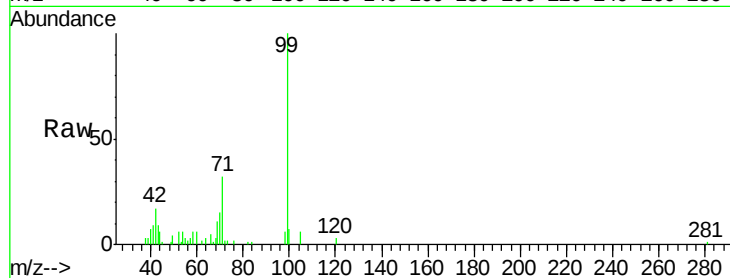
Tot Ion: 99 Resp: 28580

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

Tgt Ion: 136 Resp: 634231

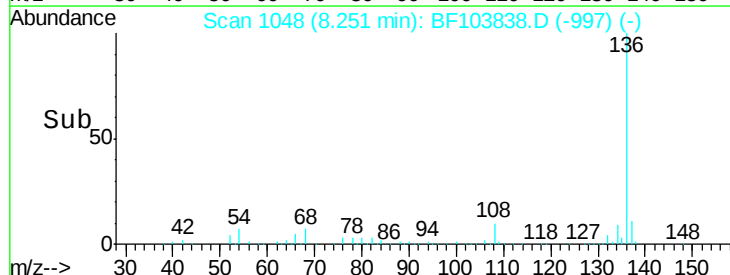
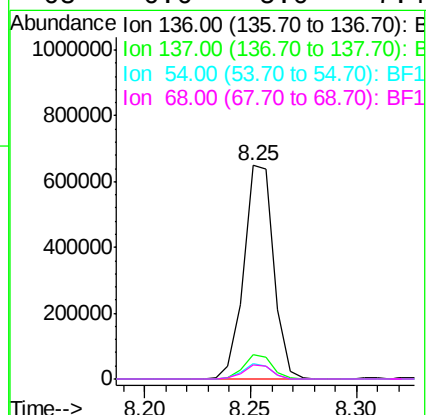
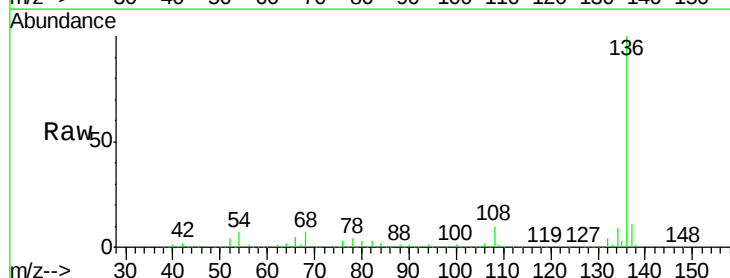
Ion Ratio Lower Upper

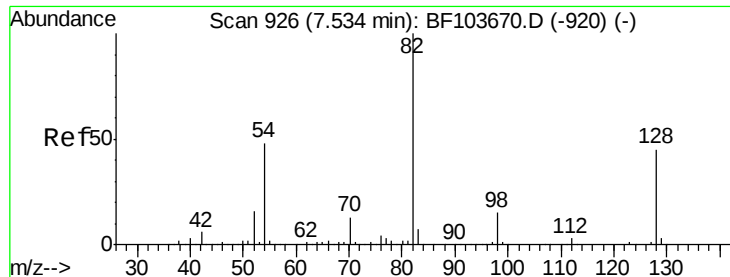
136 100

137 11.2 8.9 13.3

54 7.3 6.6 9.8

68 6.6 5.0 7.4

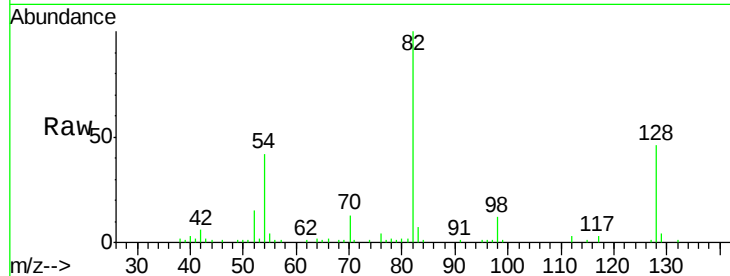




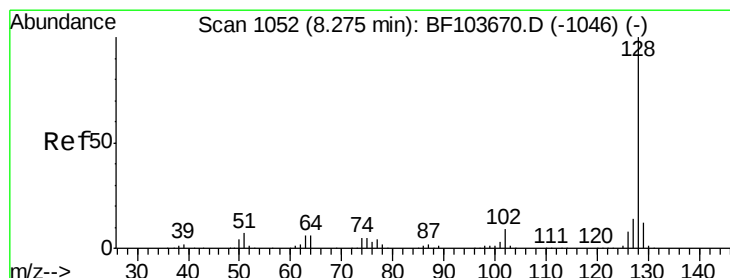
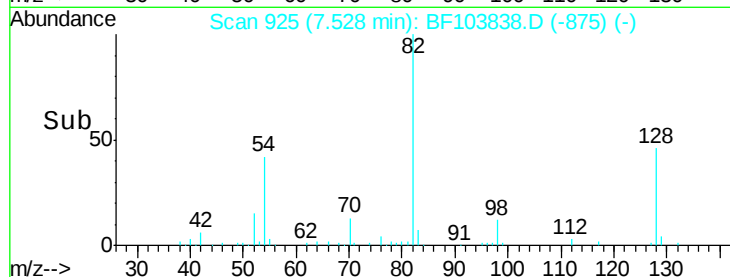
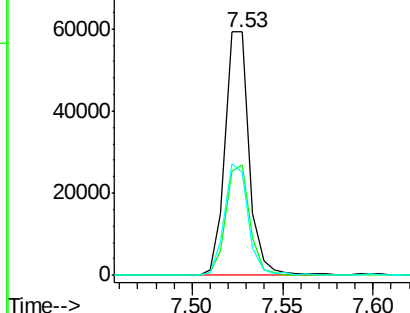
#23
 Nitrobenzene-d5
 Concen: 6.105 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103838.D
 Acq: 21 Mar 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 BBDL2

Tot Ion: 82 Resp: 55527
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 42.1 41.4 62.2

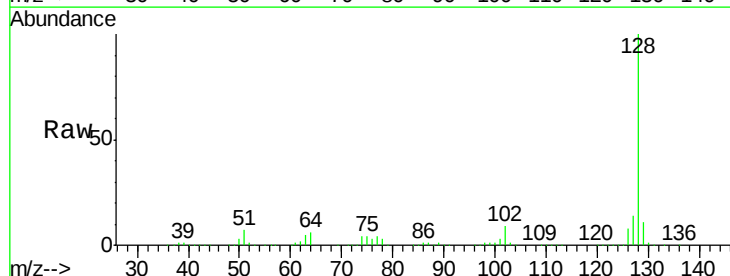


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

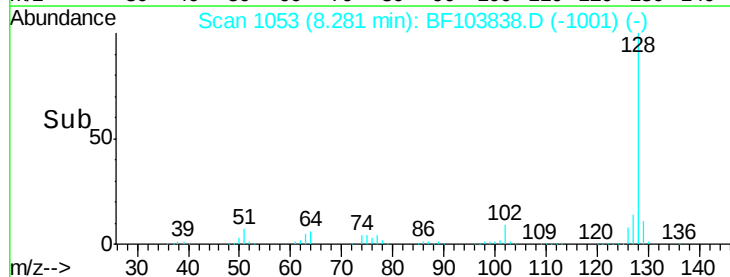
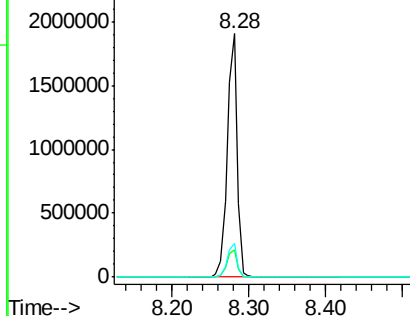


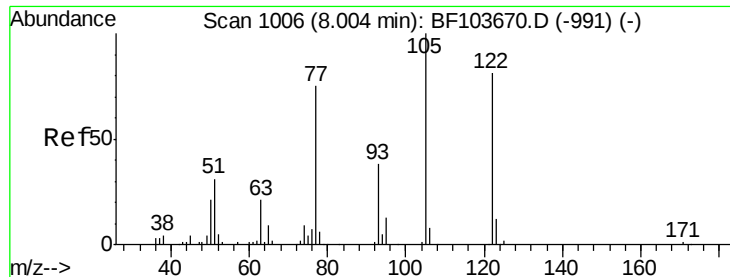
#31
 Naphthalene
 Concen: 53.200 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF103838.D
 Acq: 21 Mar 2018 11:51

Tgt Ion: 128 Resp: 1704425
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 14.0 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

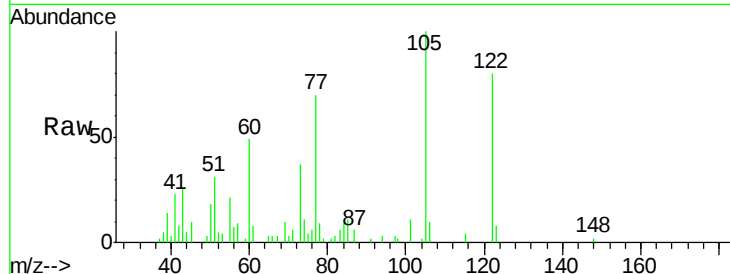




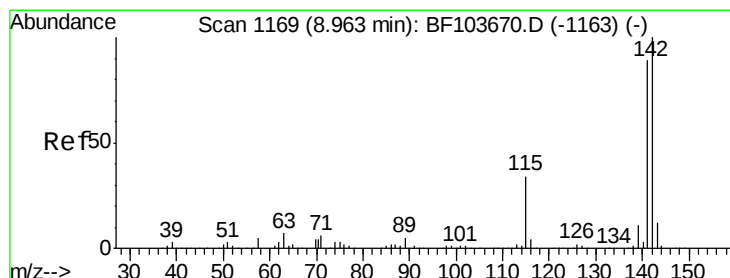
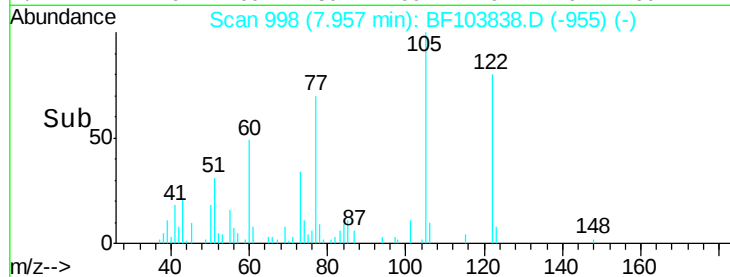
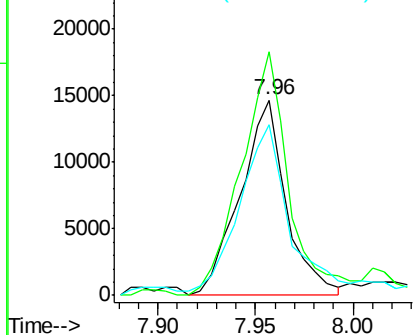
#32
Benzoic acid
Concen: 12.897 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Instrument :
BNA_F
ClientSampled :
BBDL2

Tot Ion:122 Resp: 23992
Ion Ratio Lower Upper
122 100
105 124.9 101.1 141.1
77 87.3 70.7 110.7

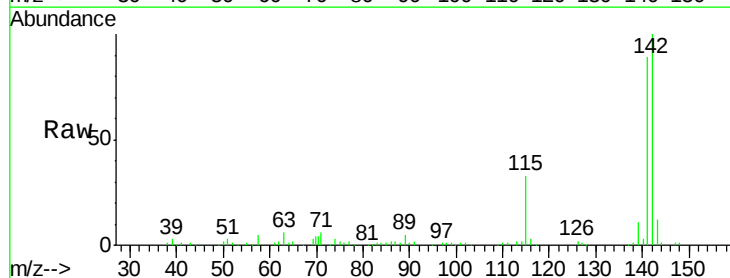


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

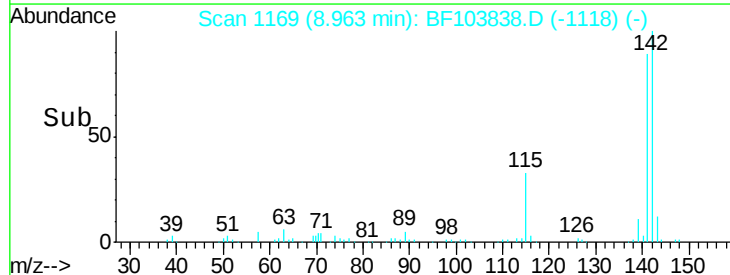
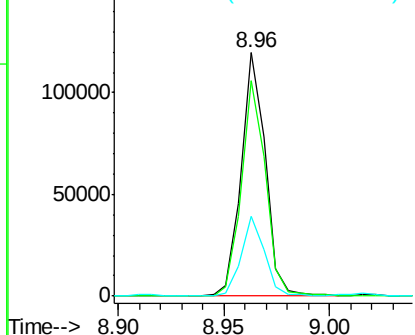


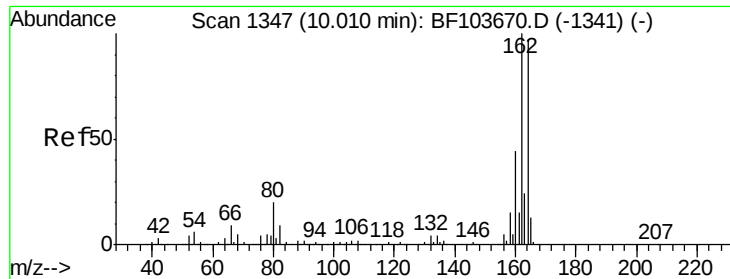
#37
2-Methylnaphthalene
Concen: 4.669 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF103838.D
Acq: 21 Mar 2018 11:51

Tgt Ion:142 Resp: 94852
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.7 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

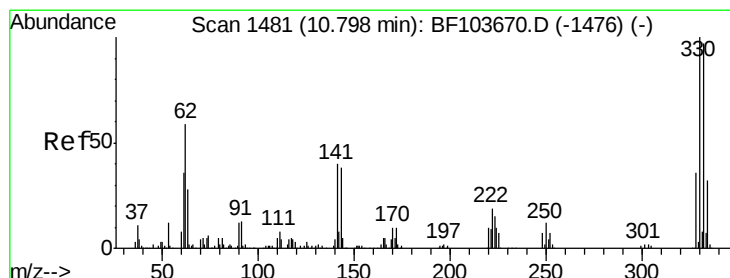
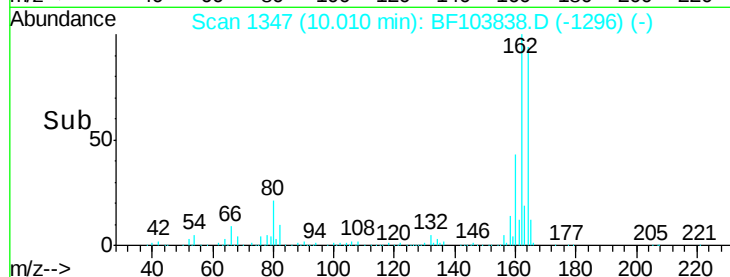
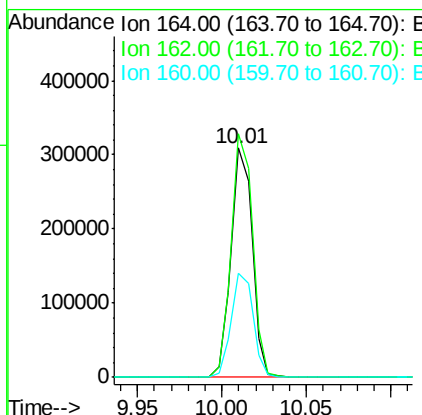
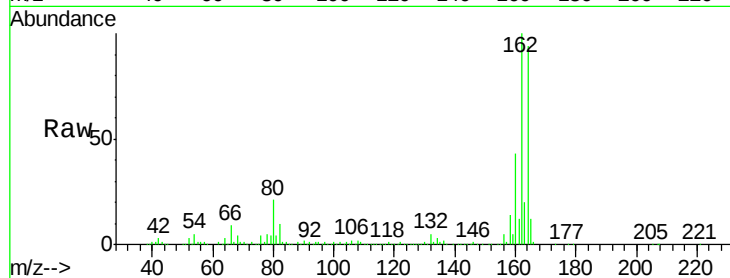




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF103838.D
 Acq: 21 Mar 2018 11:51

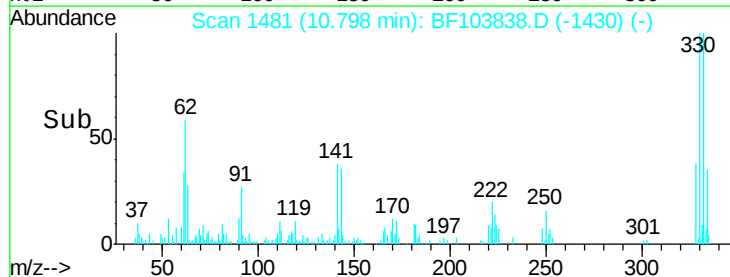
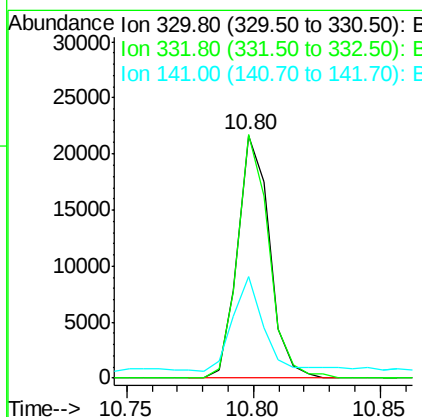
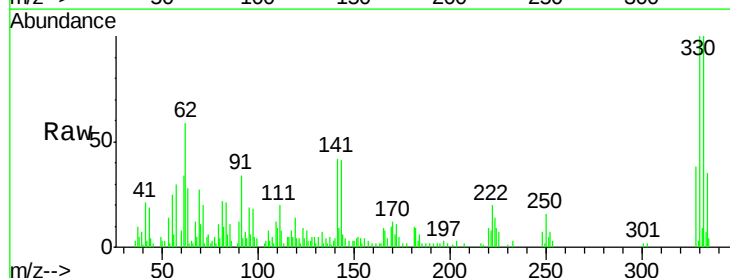
Instrument :
 BNA_F
 ClientSampleId :
 BBDL2

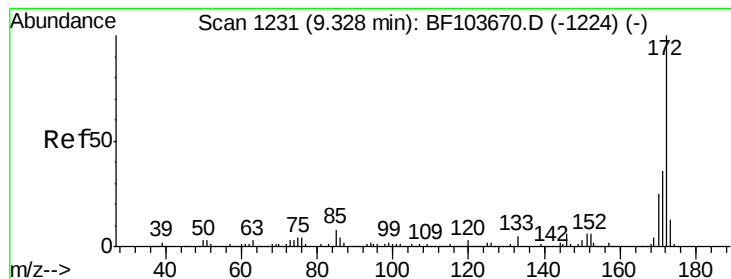
Tot Ion:164 Resp: 269812
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 8.138 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103838.D
 Acq: 21 Mar 2018 11:51

Tgt Ion:330 Resp: 18879
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 36.0 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 7.094 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

Instrument :

BNA_F

ClientSampleId :

BBDL2

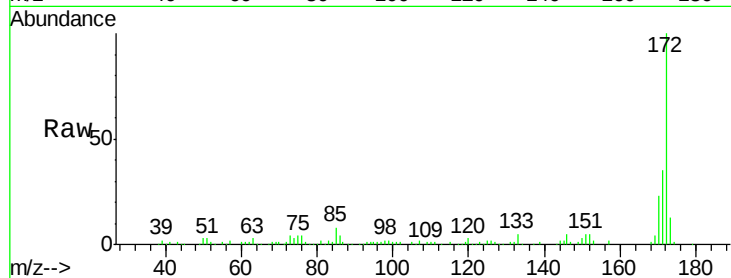
Tot Ion:172 Resp: 119997

Ion Ratio Lower Upper

172 100

171 34.8 29.7 44.5

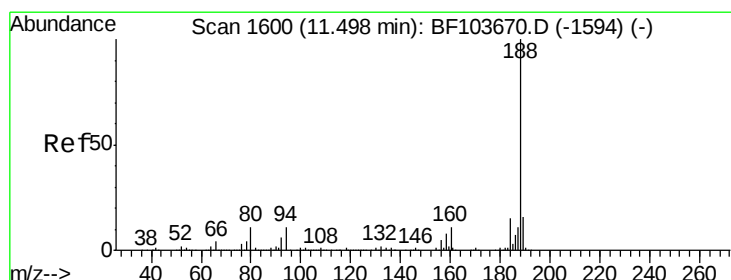
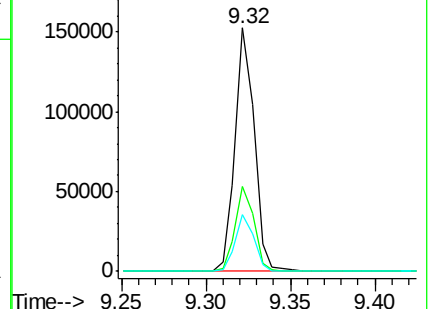
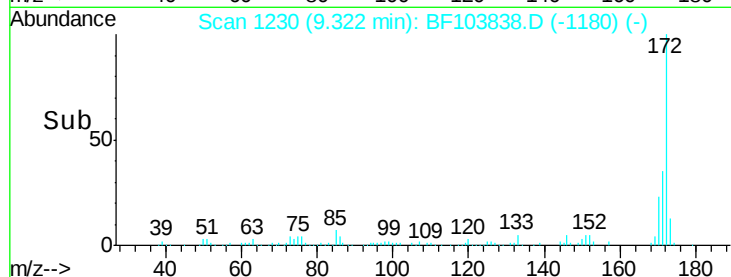
170 23.1 19.6 29.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

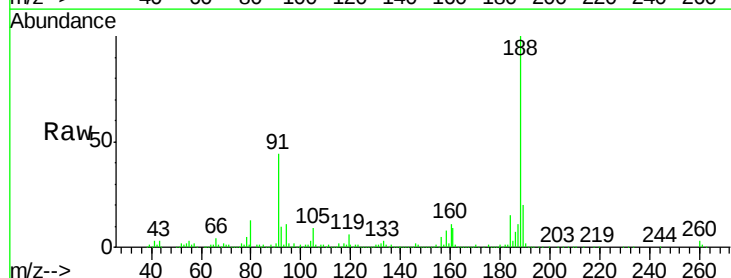
Tgt Ion:188 Resp: 394834

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

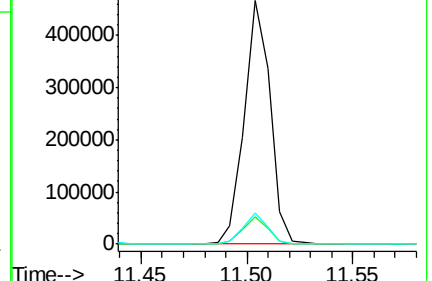
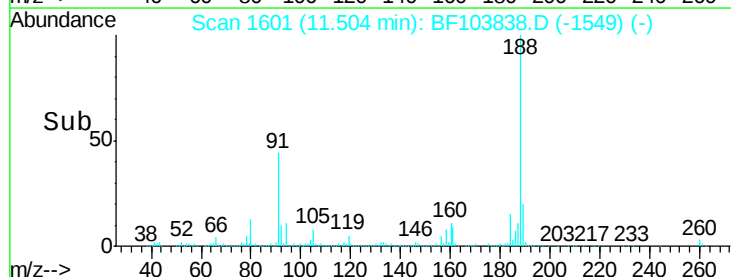
80 12.7 9.2 13.8

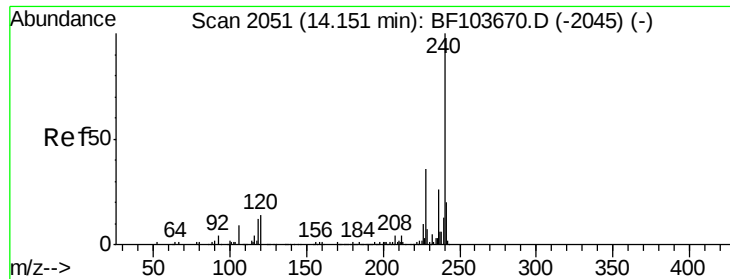


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

Instrument :

BNA_F

ClientSampleId :

BBDL2

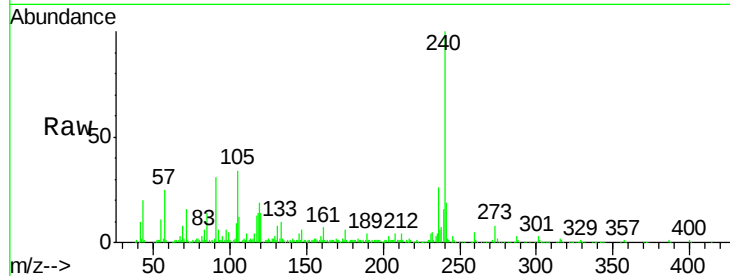
Tot Ion:240 Resp: 257774

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

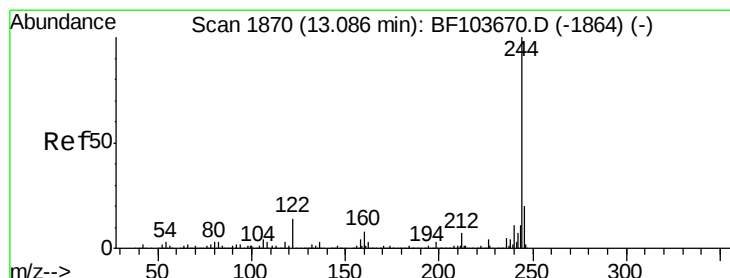
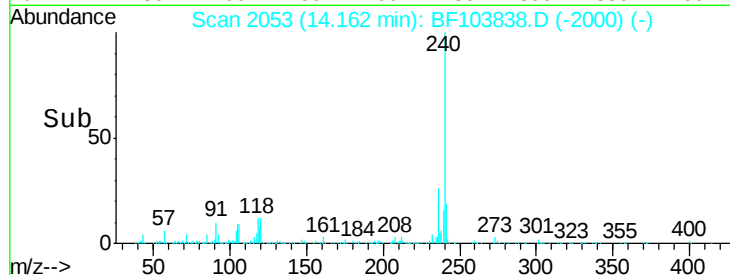
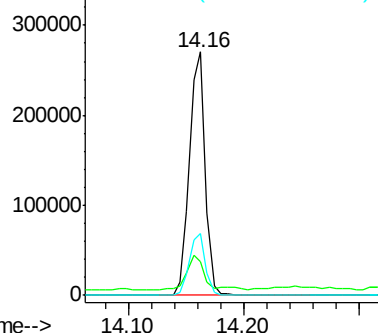
236 25.6 20.7 31.1



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: 6.952 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103838.D

Acq: 21 Mar 2018 11:51

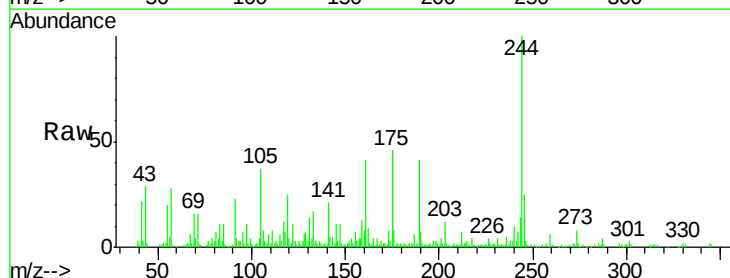
Tgt Ion:244 Resp: 77206

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

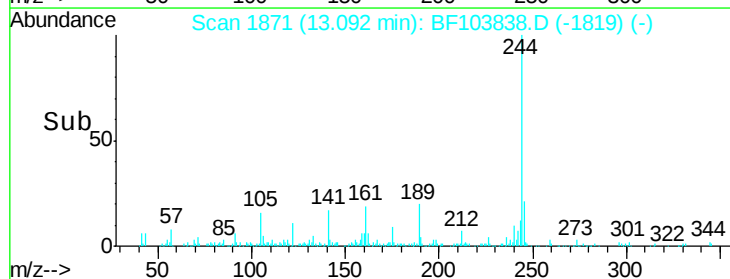
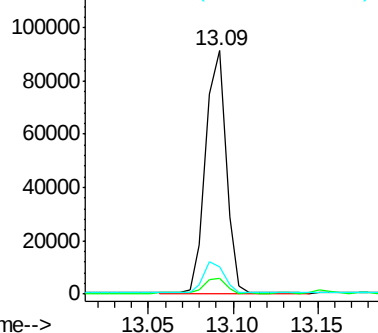
122 11.4 11.0 16.4

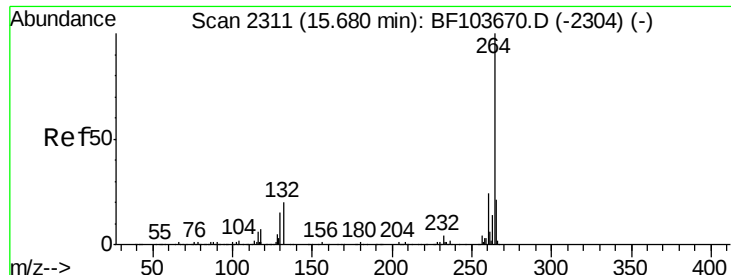


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

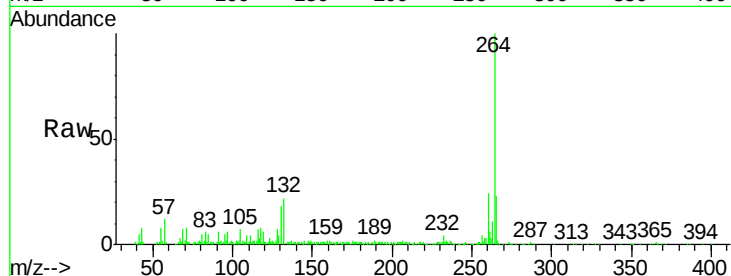




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.02 min
 Lab File: BF103838.D
 Acq: 21 Mar 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 BBDL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.5	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

