

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103953.D
 Acq On : 27 Mar 2018 3:46
 Operator : JU/SJ
 Sample : J2050-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-MH-C

Quant Time: Mar 27 08:50:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

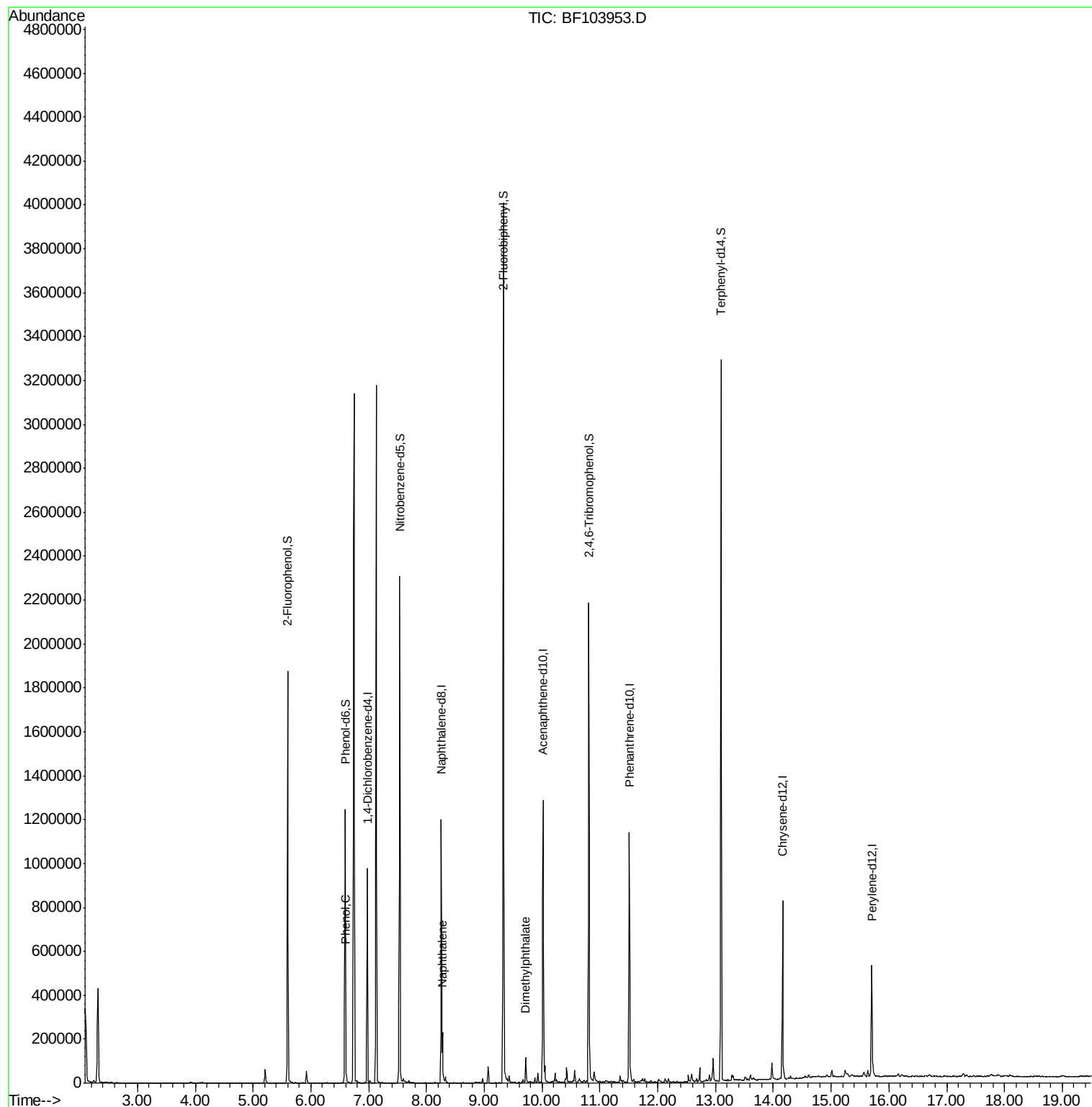
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138272	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	561846	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	249240	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	398820	20.00	ng	0.00
75) Chrysene-d12	14.16	240	277351	20.00	ng	0.00
86) Perylene-d12	15.70	264	245691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	540148	59.42	ng	0.00
7) Phenol-d6	6.59	99	414307	37.25	ng	0.00
23) Nitrobenzene-d5	7.54	82	804538	99.86	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	303323	141.54	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1410865	90.30	ng	0.00
78) Terphenyl-d14	13.10	244	1138578	95.29	ng	0.00
Target Compounds						
10) Phenol	6.60	94	29420	2.489	ng	95
31) Naphthalene	8.27	128	90438	3.187	ng	100
49) Dimethylphthalate	9.72	163	49346	2.595	ng	98

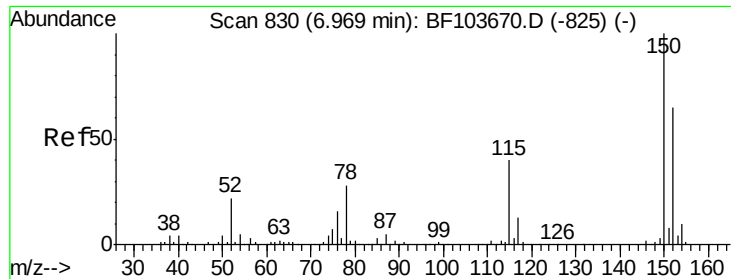
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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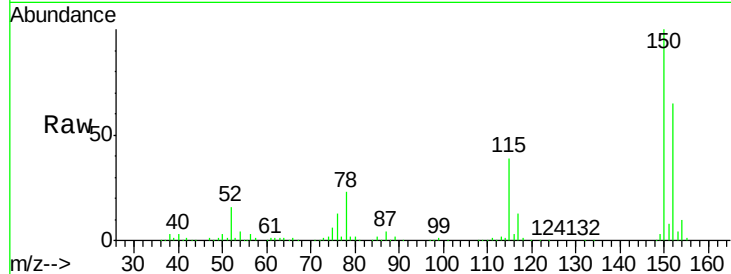


#1

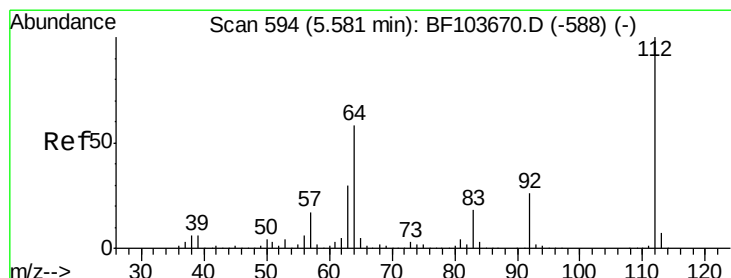
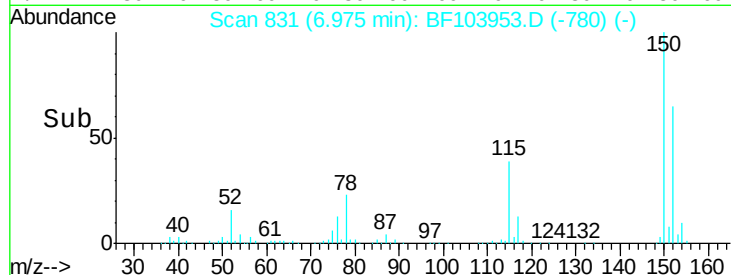
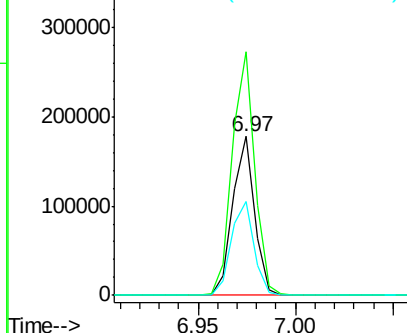
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103953.D
Acq: 27 Mar 2018 3:46

Instrument :
BNA_F
ClientSampleId :
TP-2-MH-C

Tot Ion:152 Resp: 138272
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 59.2 50.1 75.1



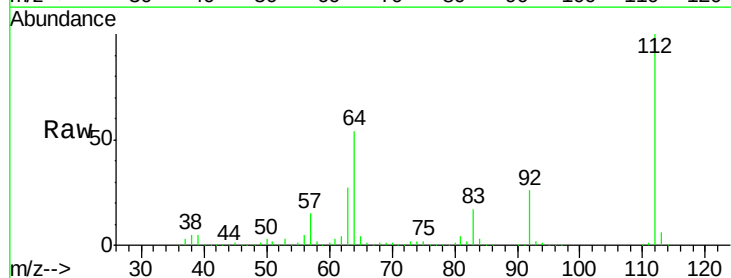
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



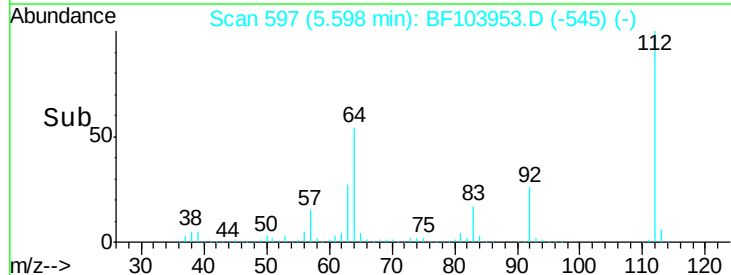
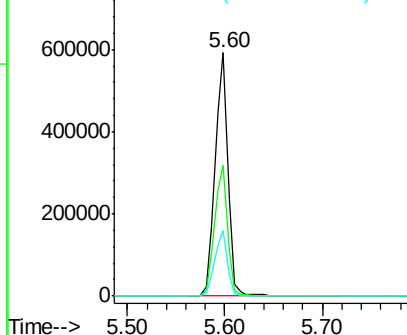
#5

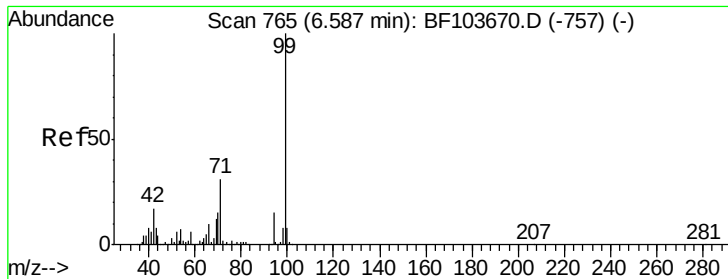
2-Fluorophenol
Concen: 59.416 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103953.D
Acq: 27 Mar 2018 3:46

Tgt Ion:112 Resp: 540148
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.7 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: 37.251 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

Instrument :

BNA_F

ClientSampleId :

TP-2-MH-C

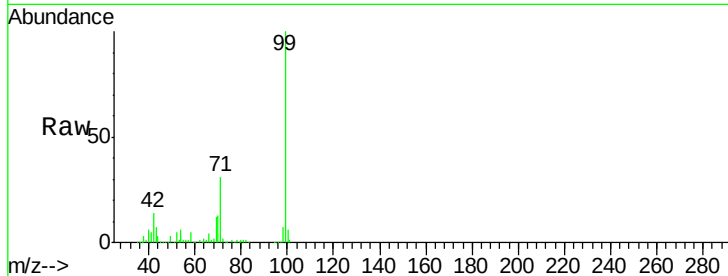
Tot Ion: 99 Resp: 414307

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

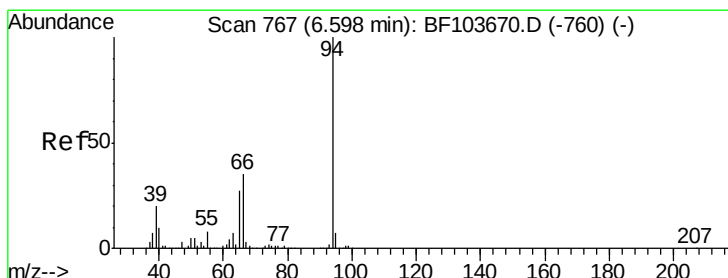
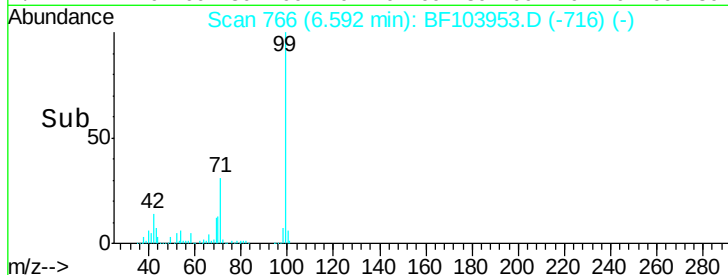
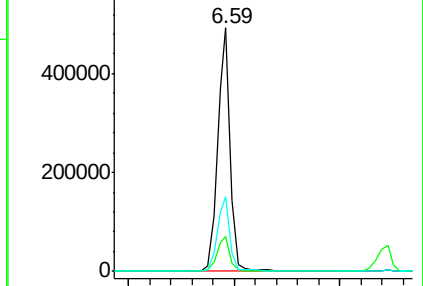
71 30.6 25.4 38.0



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: 2.489 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

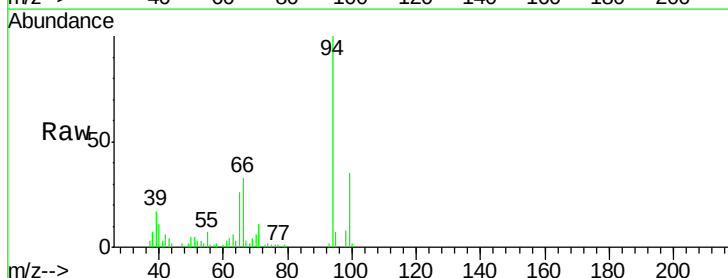
Tgt Ion: 94 Resp: 29420

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

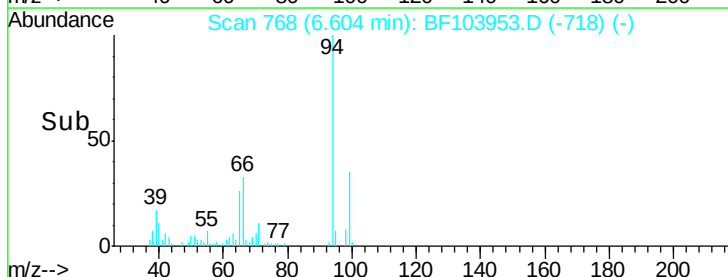
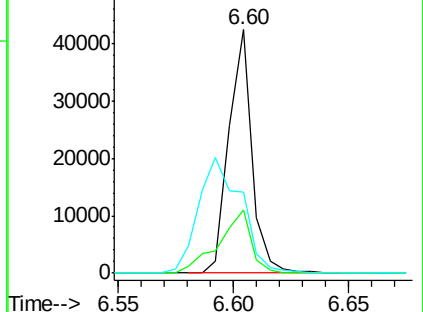
66 33.3 16.2 56.2

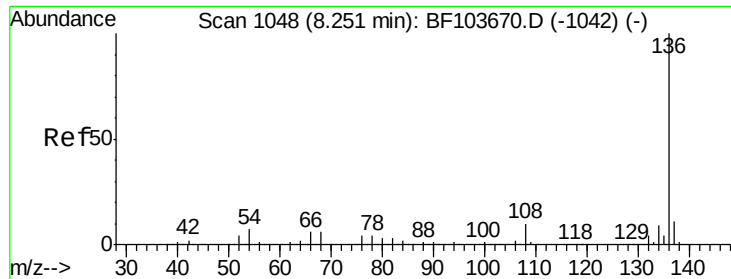


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

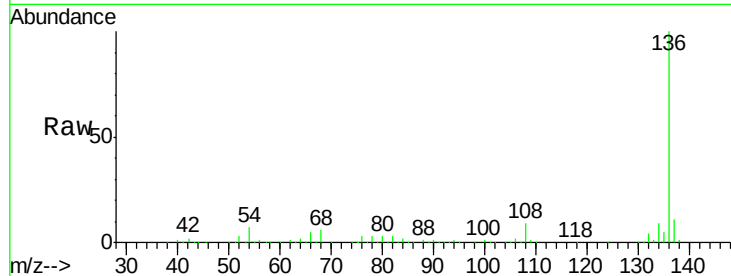




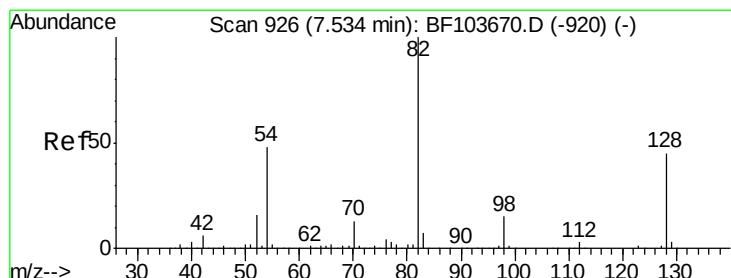
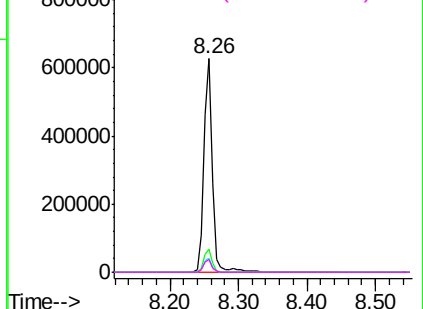
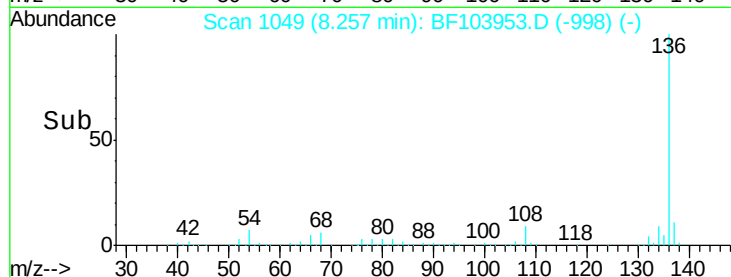
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103953.D
Acq: 27 Mar 2018 3:46

Instrument :
BNA_F
ClientSampleId :
TP-2-MH-C

Tot Ion:136	Resp:	561846
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.5	6.6 9.8#
68	5.9	5.0 7.4

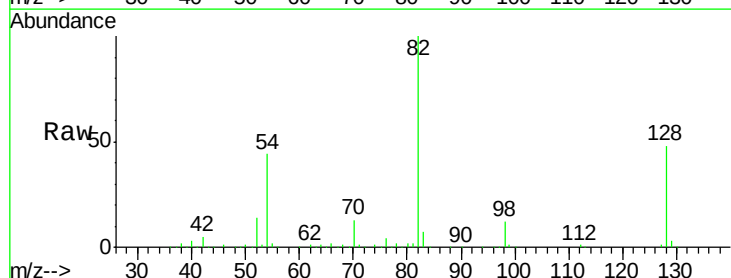


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

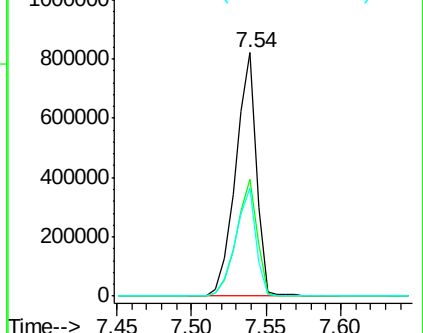
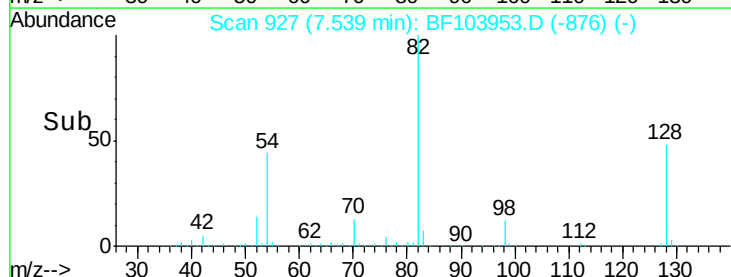


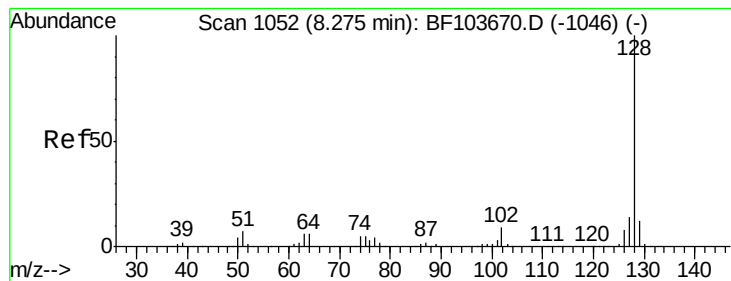
#23
Nitrobenzene-d5
Concen: 99.859 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103953.D
Acq: 27 Mar 2018 3:46

Tgt Ion: 82	Resp:	804538
Ion Ratio	Lower	Upper
82	100	
128	48.0	36.1 54.1
54	44.2	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





#31

Naphthalene

Concen: 3.187 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

Instrument :

BNA_F

ClientSampleId :

TP-2-MH-C

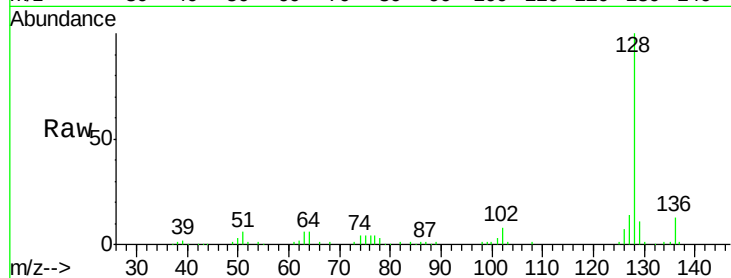
Tot Ion:128 Resp: 90438

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

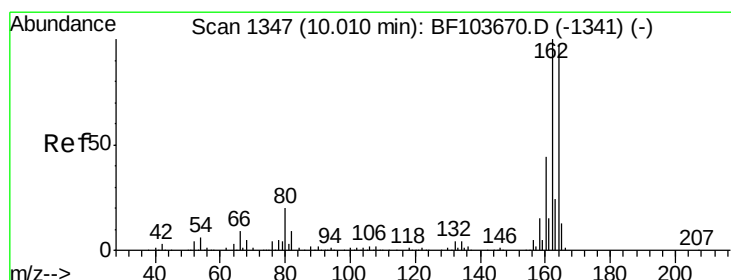
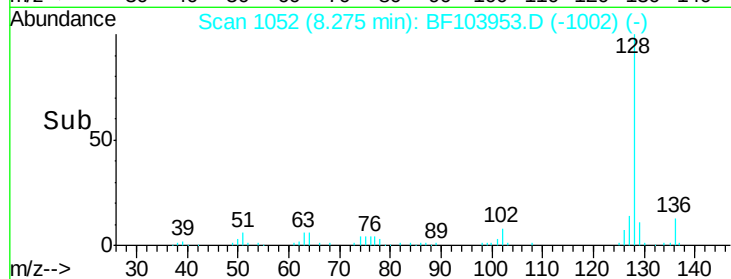
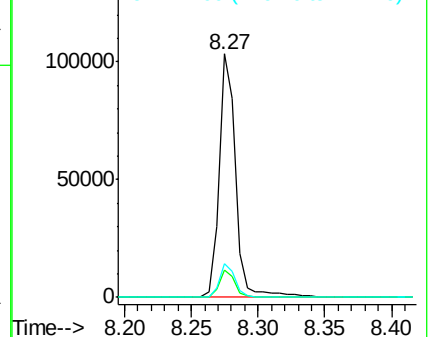
127 13.6 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

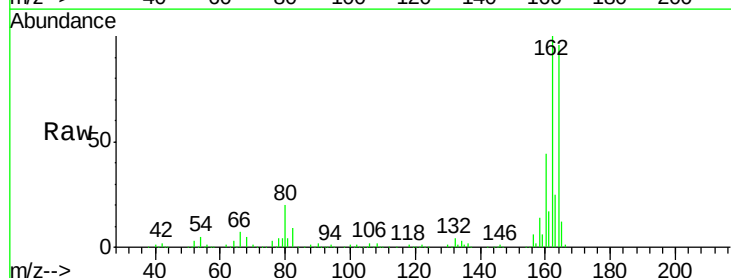
Tgt Ion:164 Resp: 249240

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

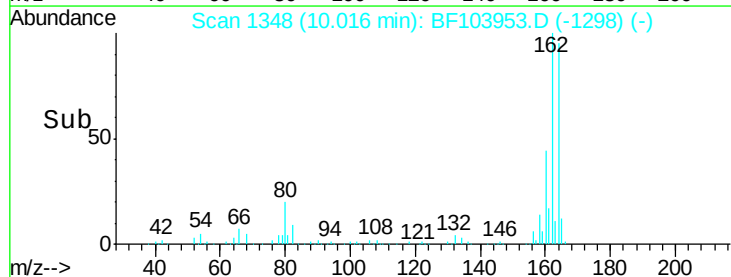
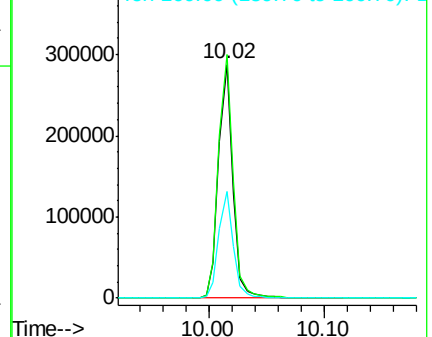
160 45.6 38.3 57.5

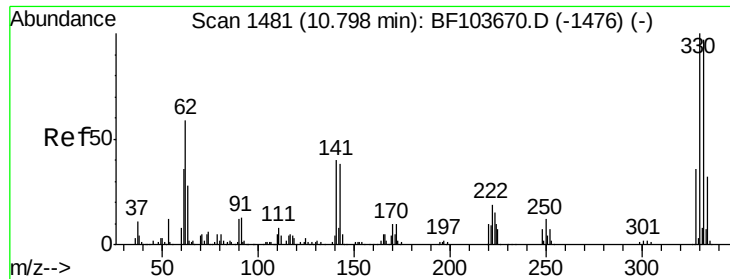


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 141.543 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

Instrument :

BNA_F

ClientSampleId :

TP-2-MH-C

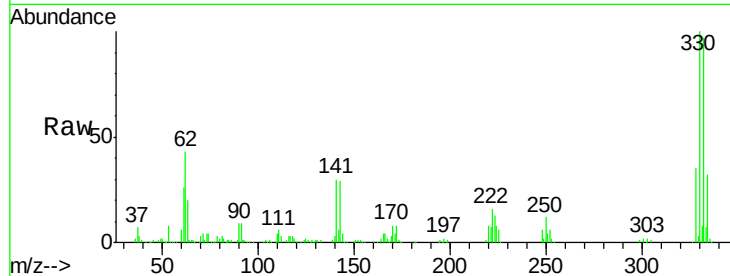
Tot Ion:330 Resp: 303323

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

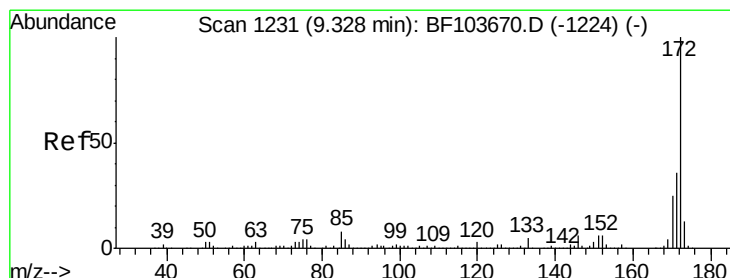
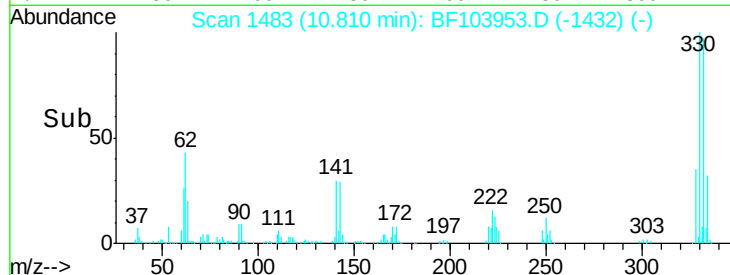
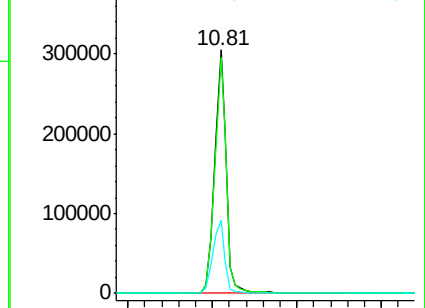
141 31.0 29.9 44.9



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: 90.296 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

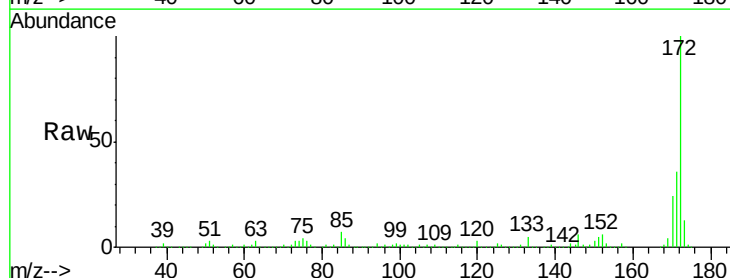
Tgt Ion:172 Resp: 1410865

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

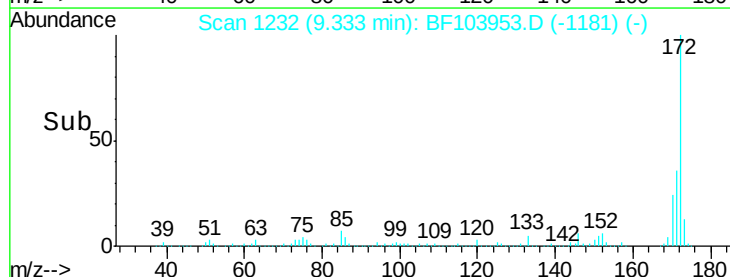
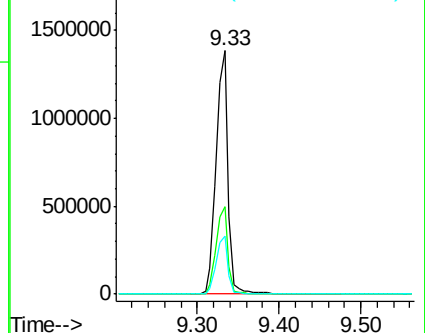
170 24.0 19.6 29.4

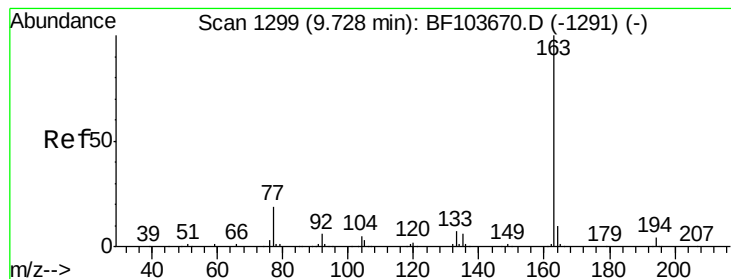


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.595 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

Instrument :

BNA_F

ClientSampleId :

TP-2-MH-C

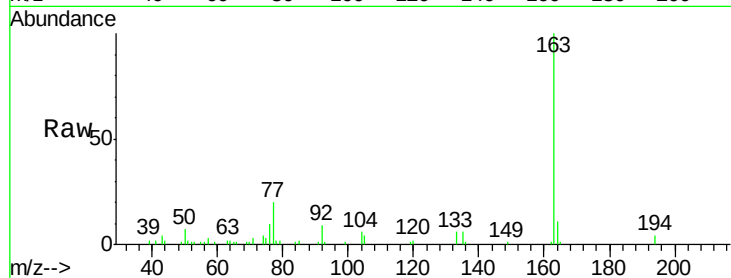
Tot Ion:163 Resp: 49346

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

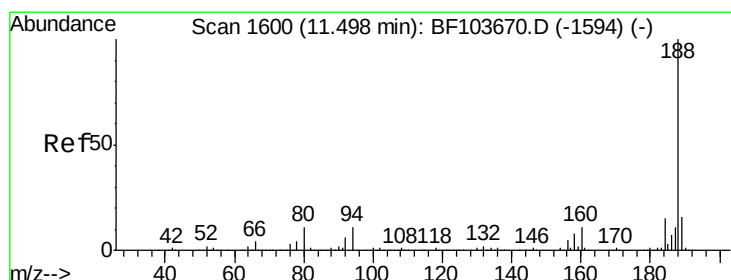
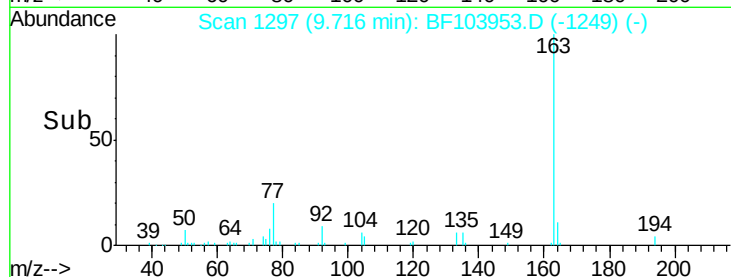
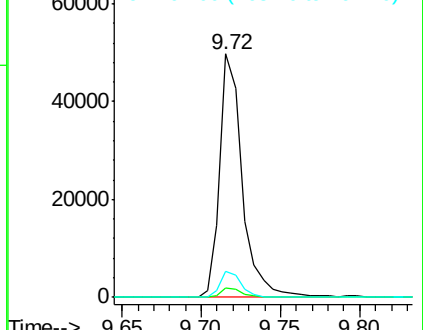
164 10.8 8.2 12.2



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: 11.51 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BF103953.D

Acq: 27 Mar 2018 3:46

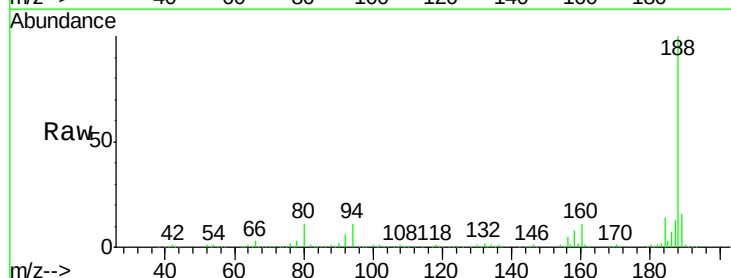
Tgt Ion:188 Resp: 398820

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

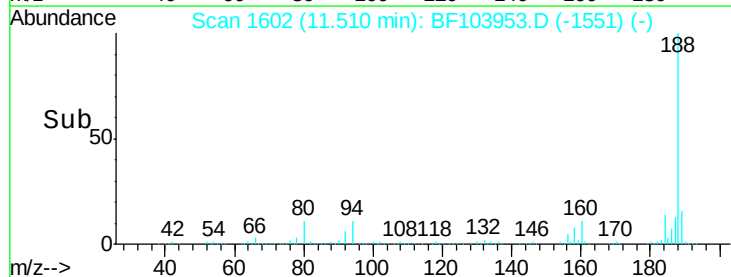
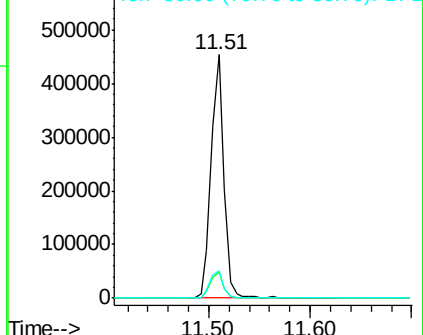
80 11.4 9.2 13.8

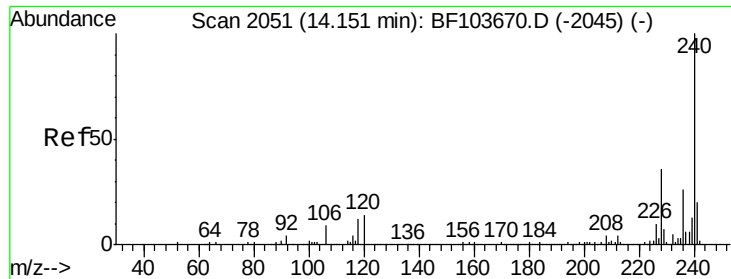


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

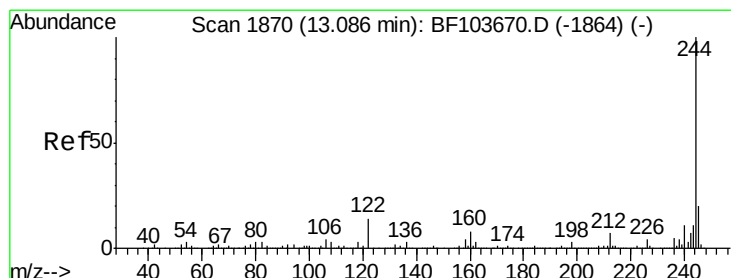
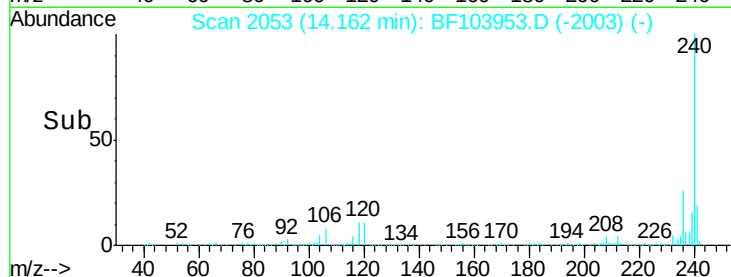
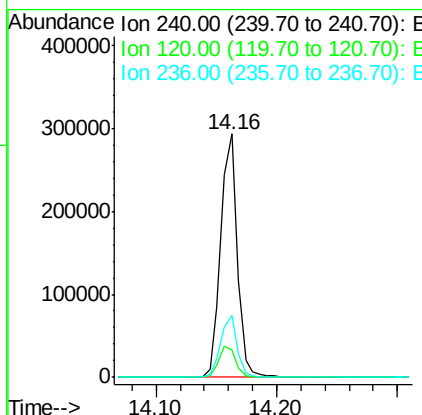
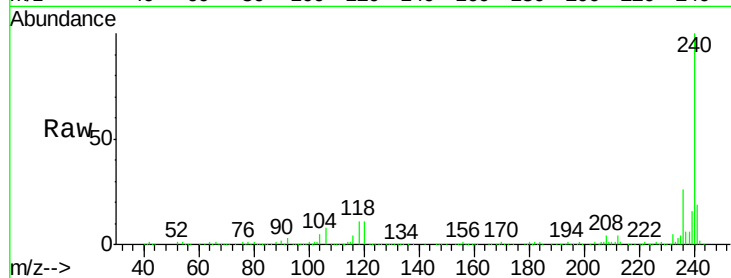




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF103953.D
 Acq: 27 Mar 2018 3:46

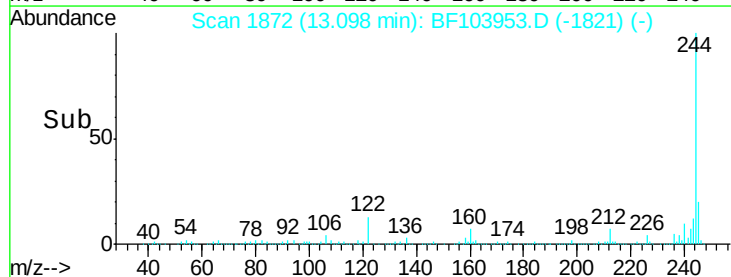
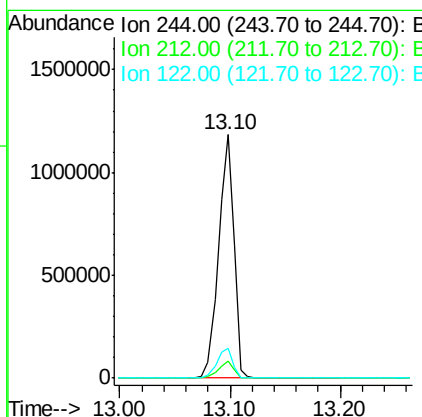
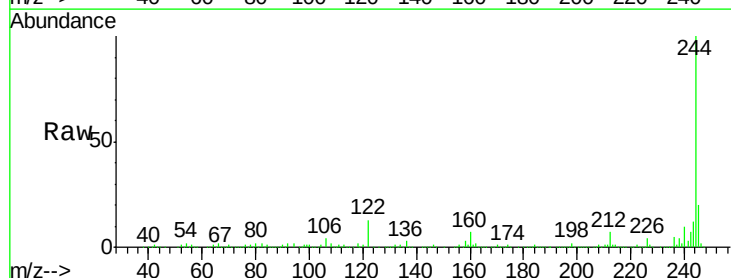
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-MH-C

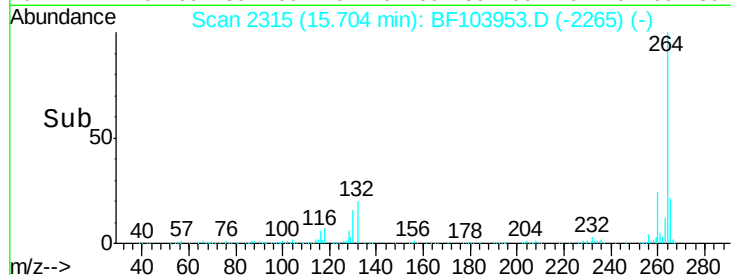
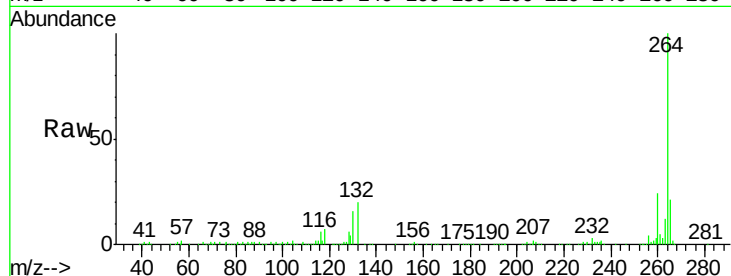
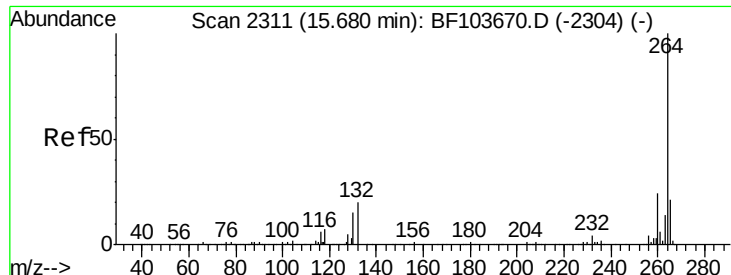
Tot Ion:240 Resp: 277351
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 95.287 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BF103953.D
 Acq: 27 Mar 2018 3:46

Tgt Ion:244 Resp: 1138578
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.5 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103953.D
 Acq: 27 Mar 2018 3:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-MH-C

Tot Ion:	264	Resp:	245691
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

