

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107089.D
 Acq On : 3 Jul 2018 18:30
 Operator : JU/SJ
 Sample : J3798-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-7-12

Quant Time: Jul 03 19:05:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

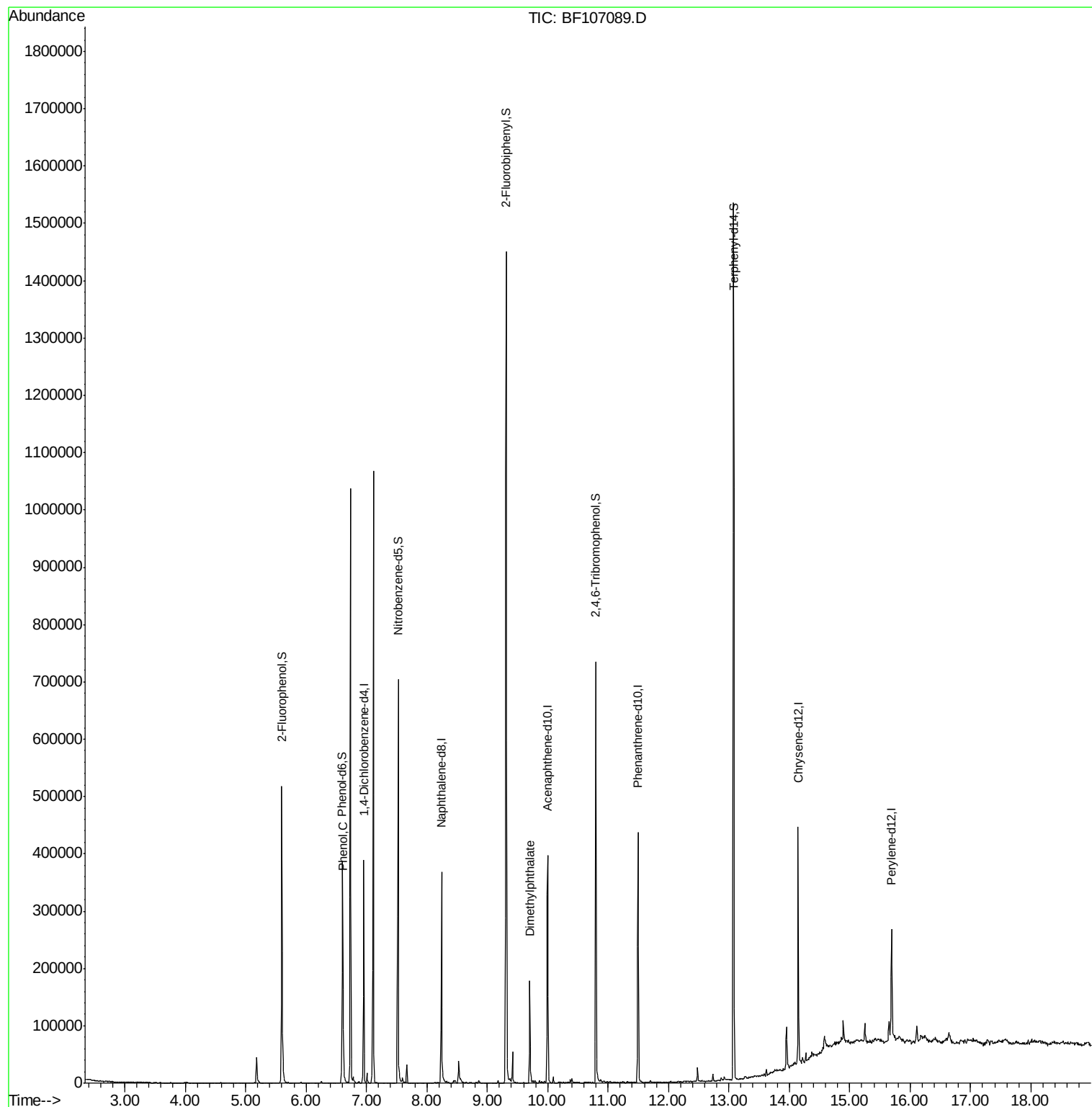
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	53843	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	193139	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	82596	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	161277	20.00	ng	0.00
75) Chrysene-d12	14.15	240	147401	20.00	ng	-0.02
86) Perylene-d12	15.69	264	108048	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	169343	53.26	ng	0.00
7) Phenol-d6	6.60	99	130224	32.79	ng	-0.01
23) Nitrobenzene-d5	7.52	82	244174	70.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	111842	116.83	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	474040	99.69	ng	-0.01
78) Terphenyl-d14	13.08	244	559247	91.90	ng	0.00
Target Compounds						
10) Phenol	6.61	94	20349	4.490	ng	88
49) Dimethylphthalate	9.71	163	87477	14.121	ng	99

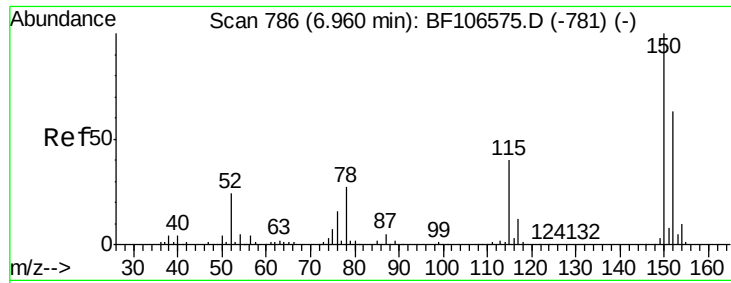
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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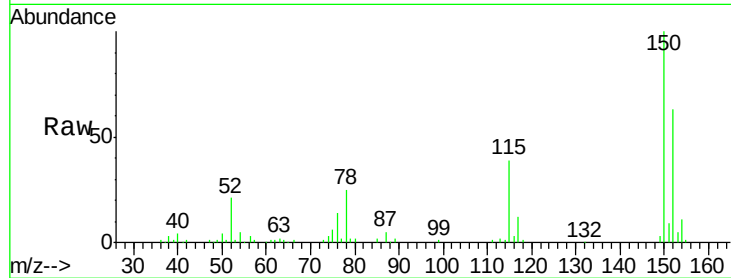


#1

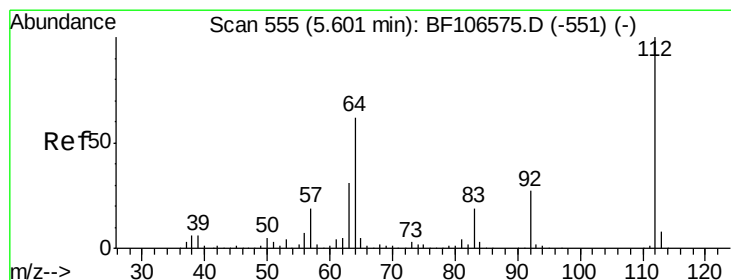
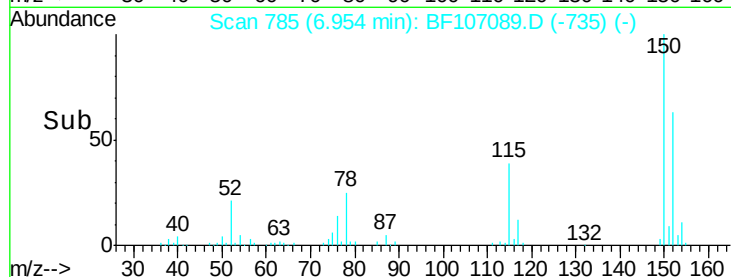
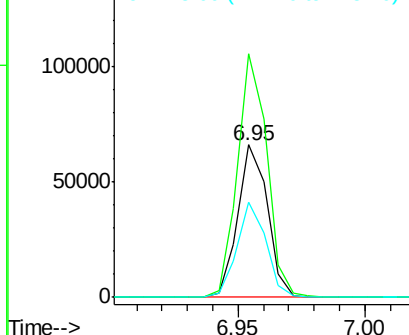
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Instrument :
BNA_F
ClientSampleId :
DRUM-7-12

Tot Ion:152 Resp: 53843
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.3 50.1 75.1



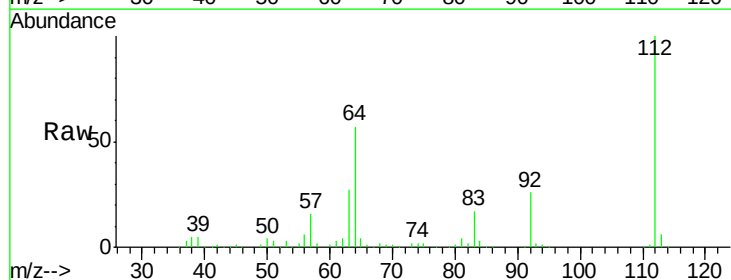
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



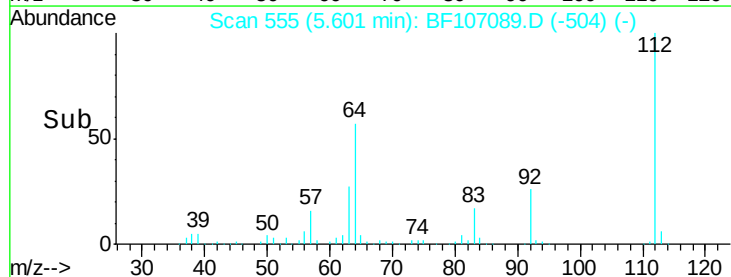
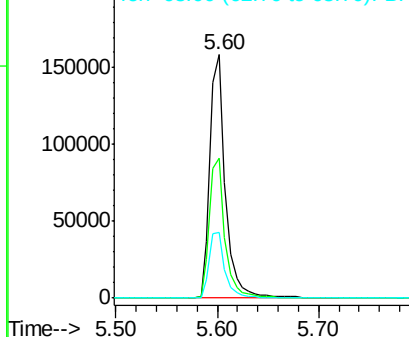
#5

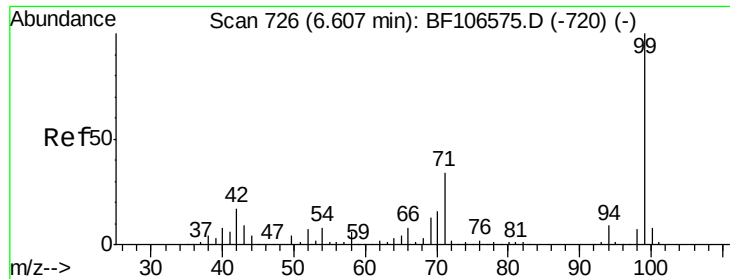
2-Fluorophenol
Concen: 53.257 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Tgt Ion:112 Resp: 169343
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 26.8 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: 32.795 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107089.D

Acq: 3 Jul 2018 18:30

Instrument :

BNA_F

ClientSampleId :

DRUM-7-12

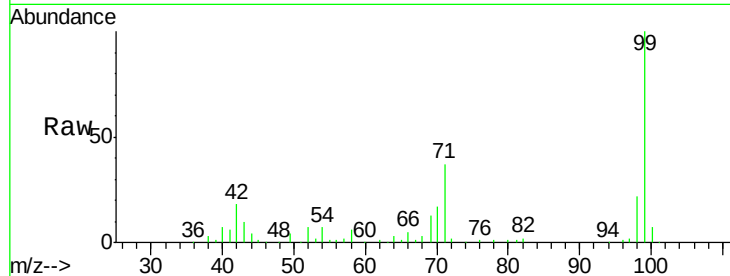
Tot Ion: 99 Resp: 130224

Ion Ratio Lower Upper

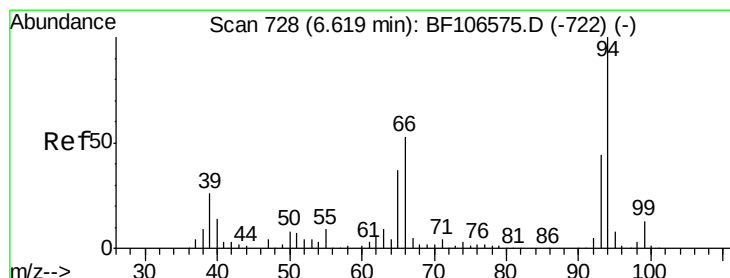
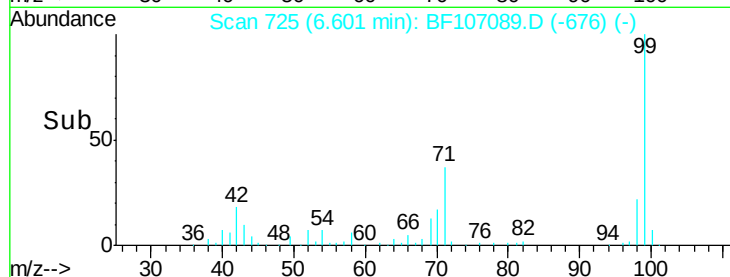
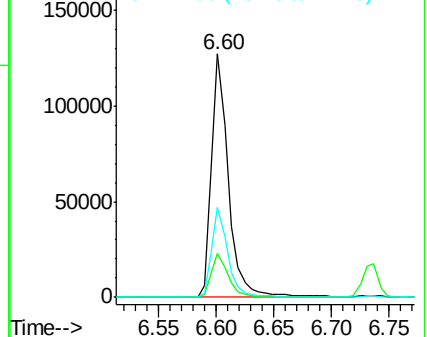
99 100

42 18.0 14.5 21.7

71 36.9 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: 4.490 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107089.D

Acq: 3 Jul 2018 18:30

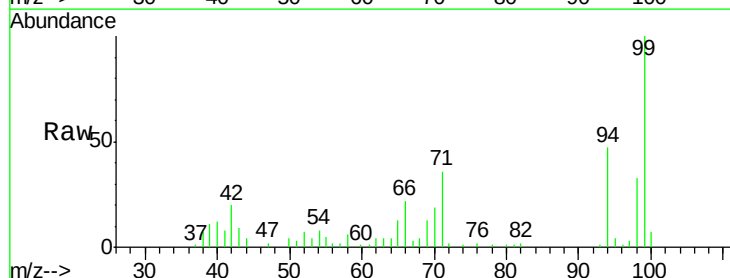
Tgt Ion: 94 Resp: 20349

Ion Ratio Lower Upper

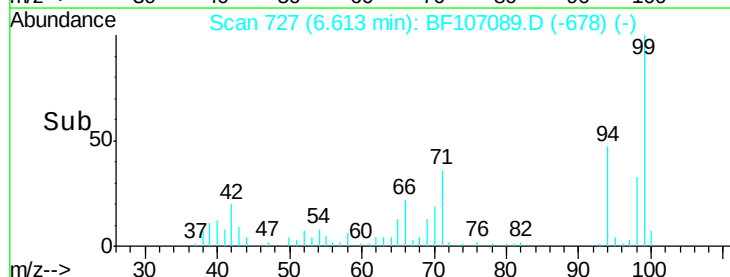
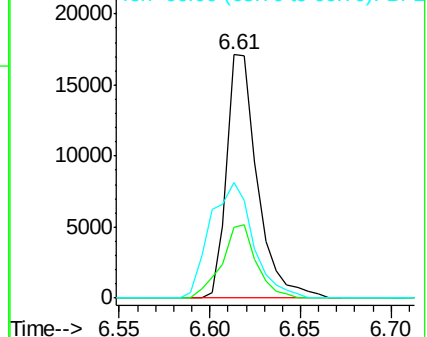
94 100

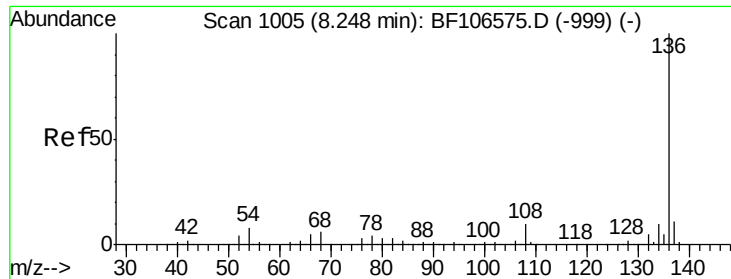
65 29.0 7.9 47.9

66 47.6 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

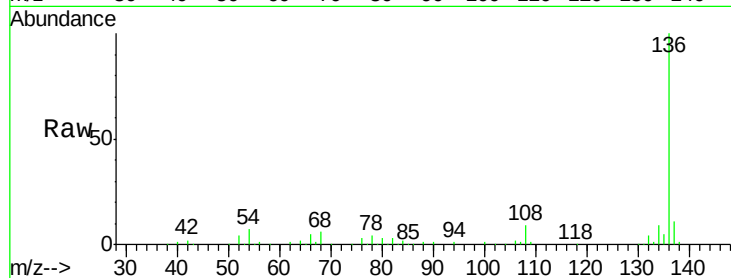




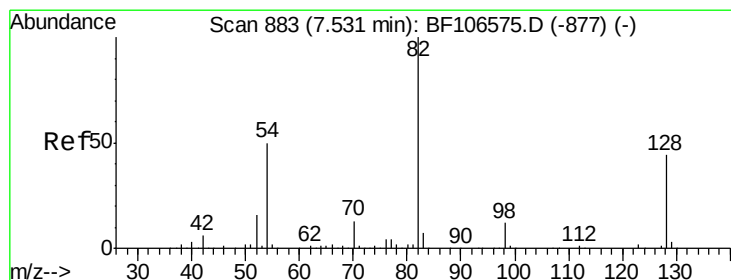
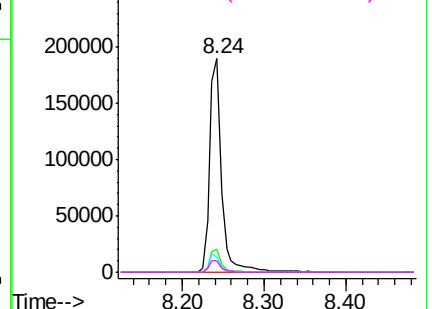
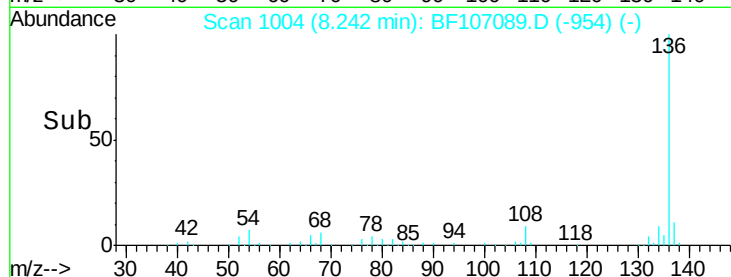
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Instrument :
BNA_F
ClientSampleId :
DRUM-7-12

Tot Ion:136	Resp:	193139
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 7.1	6.6	9.8
68 5.7	5.0	7.4

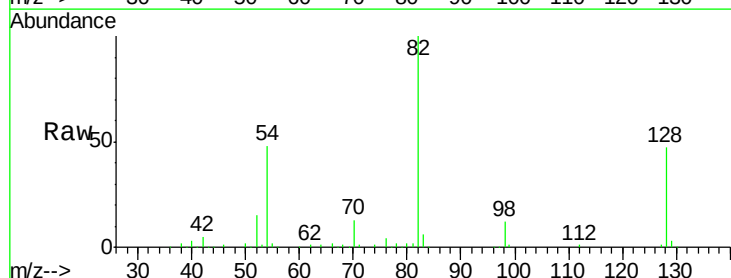


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

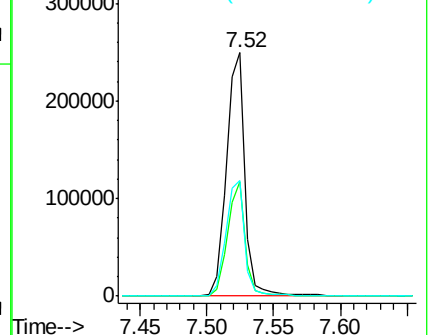
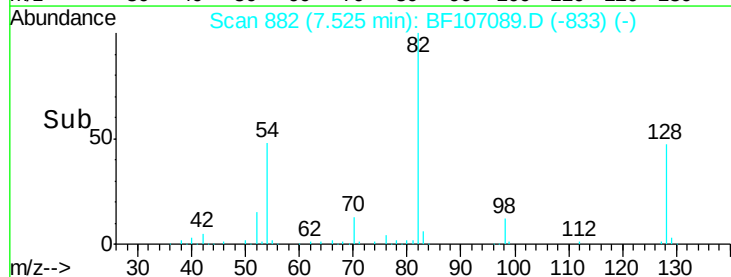


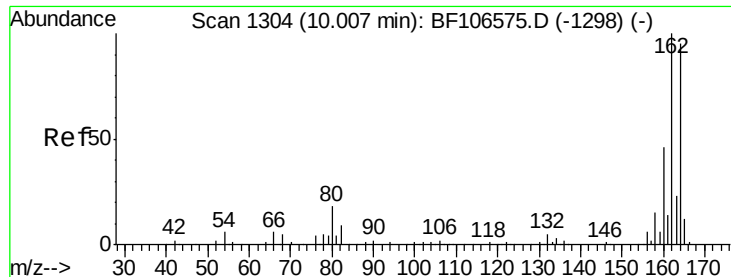
#23
Nitrobenzene-d5
Concen: 70.258 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Tgt Ion: 82	Resp: 244174
Ion Ratio	Lower Upper
82 100	
128 47.1	36.1 54.1
54 47.5	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107089.D

Acq: 3 Jul 2018 18:30

Instrument :

BNA_F

ClientSampleId :

DRUM-7-12

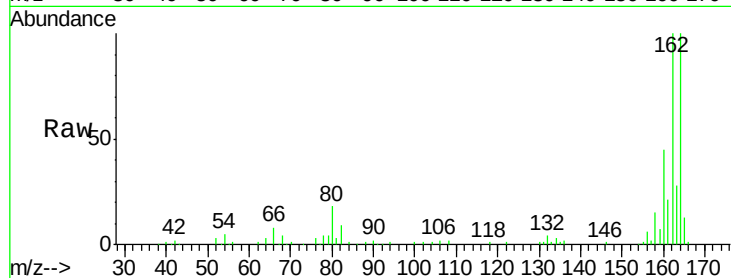
Tot Ion:164 Resp: 82596

Ion Ratio Lower Upper

164 100

162 99.7 86.1 129.1

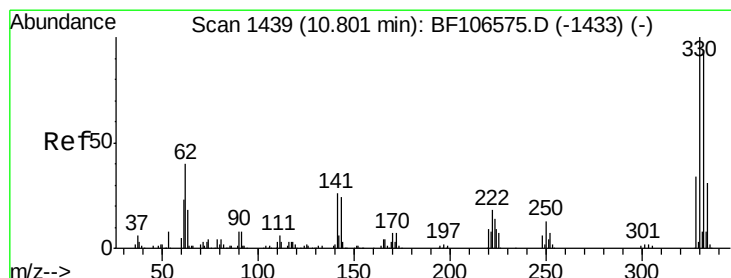
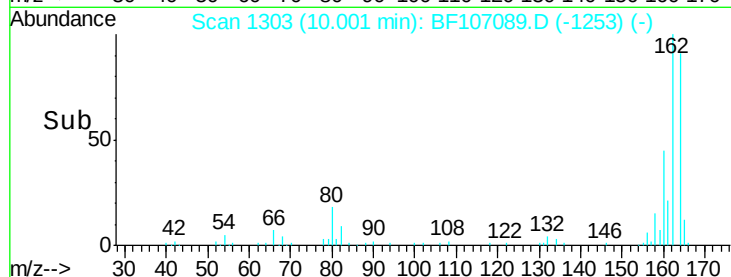
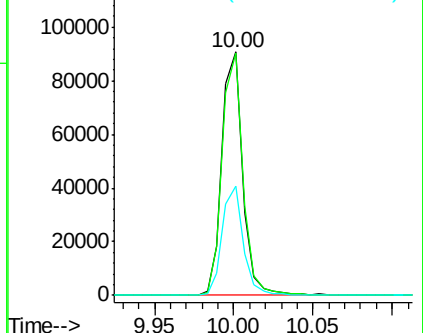
160 44.7 38.3 57.5



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: 116.829 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107089.D

Acq: 3 Jul 2018 18:30

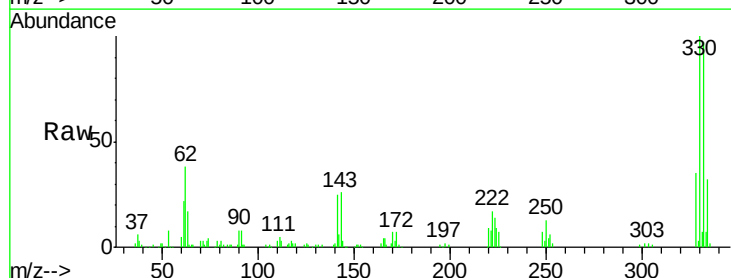
Tgt Ion:330 Resp: 111842

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

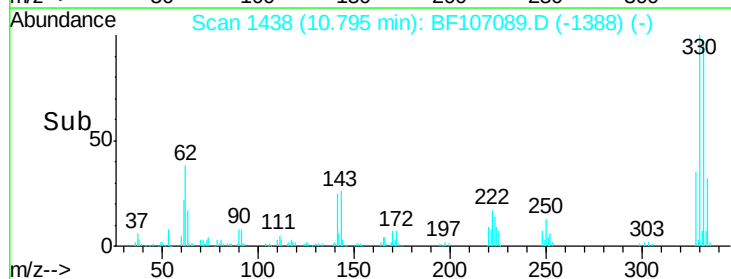
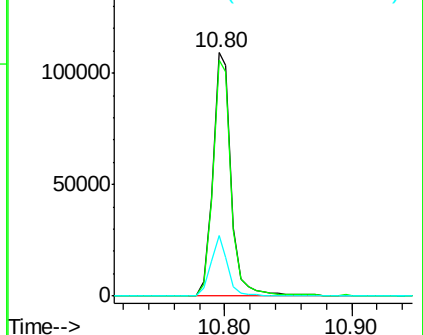
141 22.7 29.9 44.9#

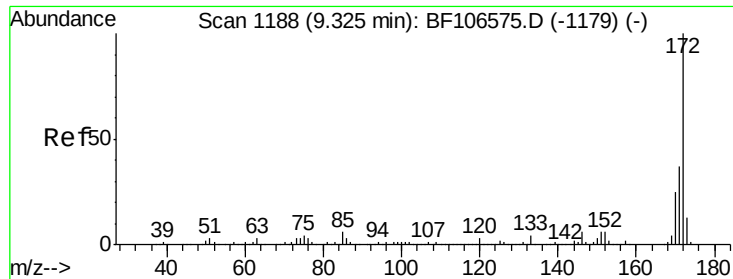


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

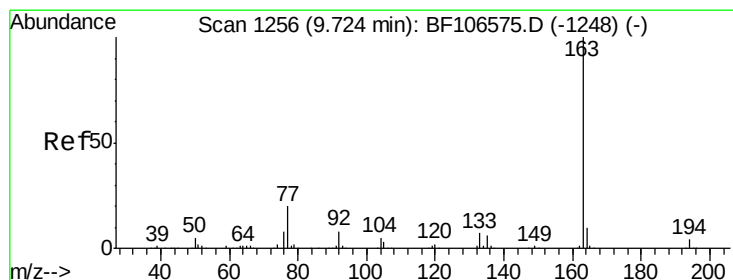
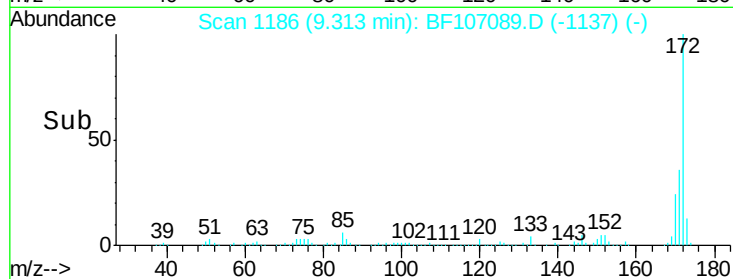
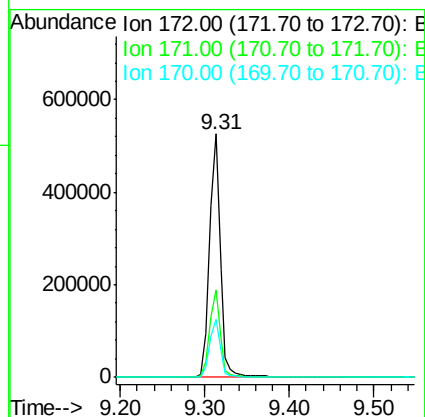
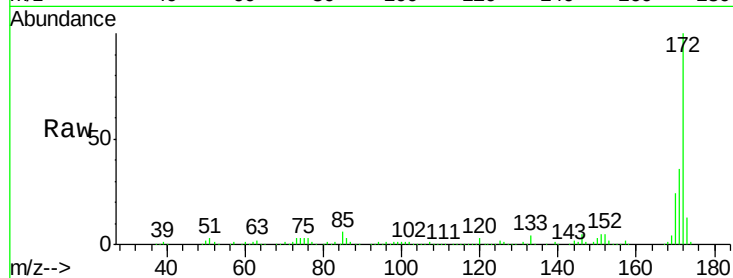




#44
2-Fluorobiphenyl
Concen: 99.694 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

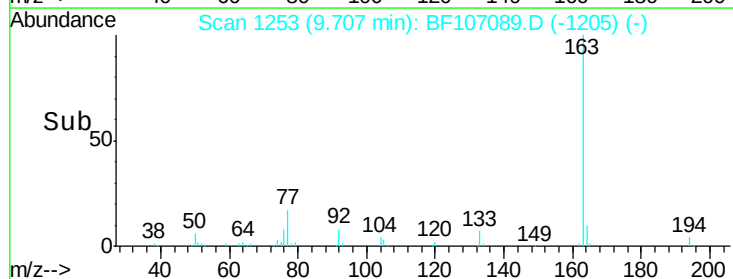
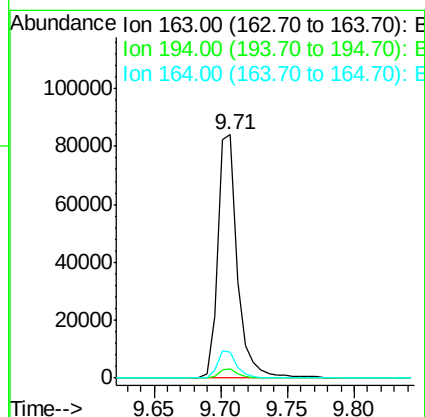
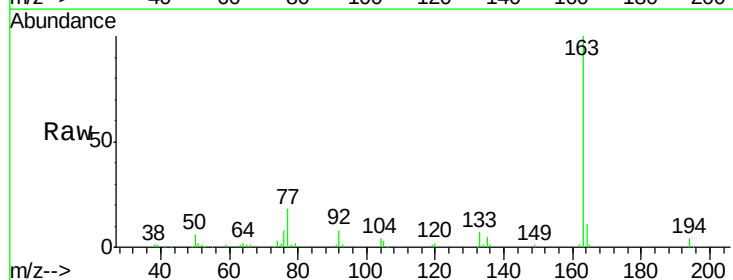
Instrument :
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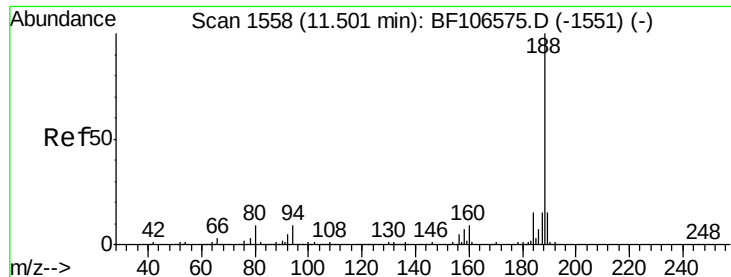
Tot Ion:172 Resp: 474040
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 14.121 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Tgt Ion:163 Resp: 87477
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 8.2 12.2

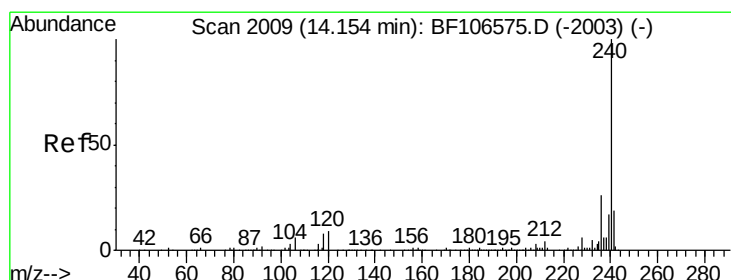
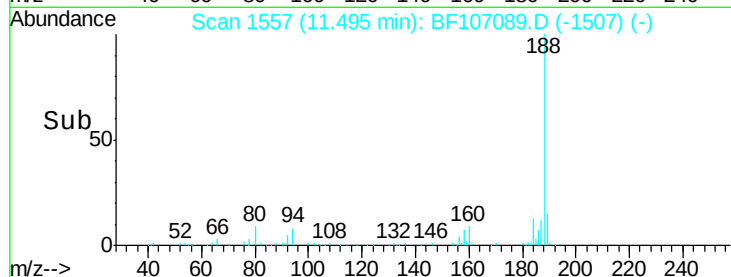
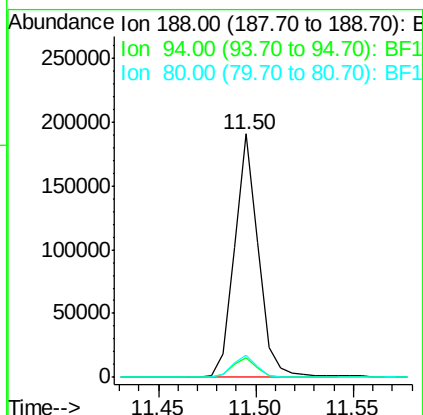
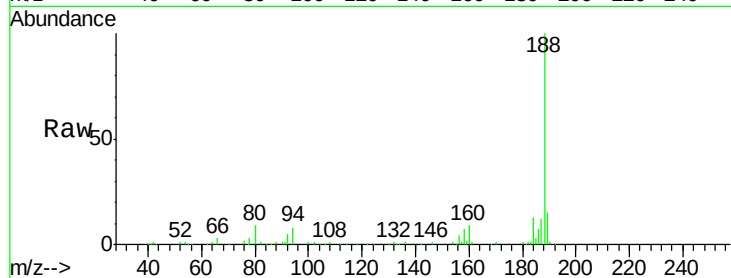




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

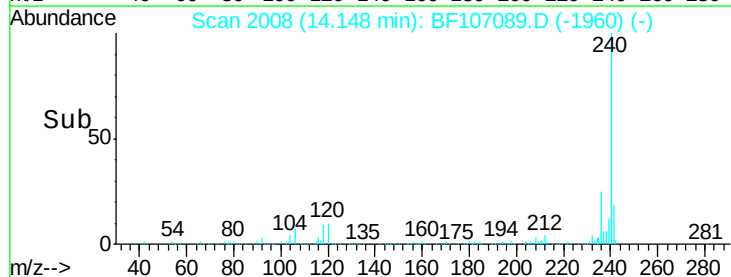
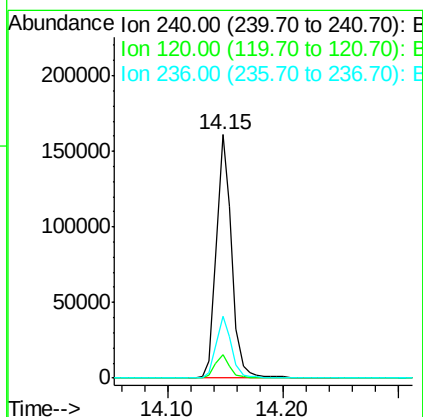
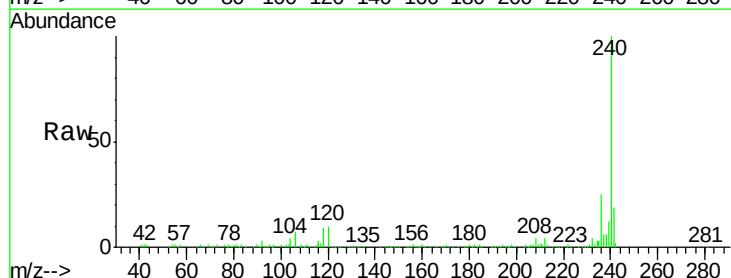
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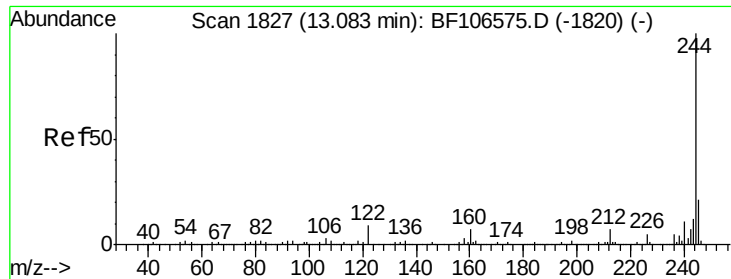
Tot Ion:188 Resp: 161277
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107089.D
Acq: 3 Jul 2018 18:30

Tgt Ion:240 Resp: 147401
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.2 20.7 31.1

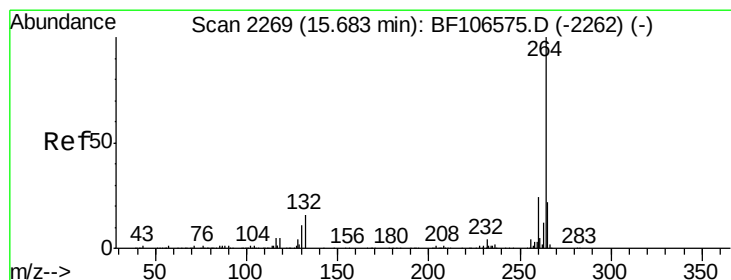
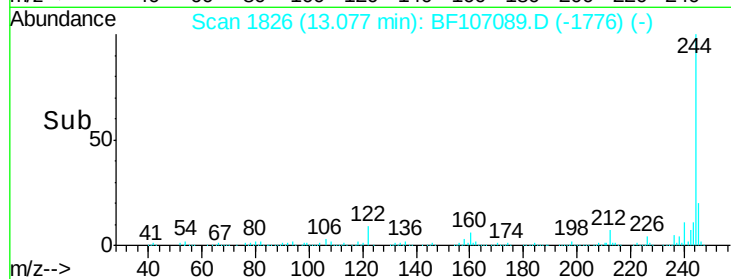
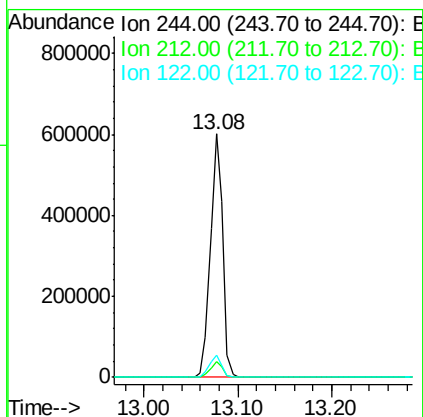
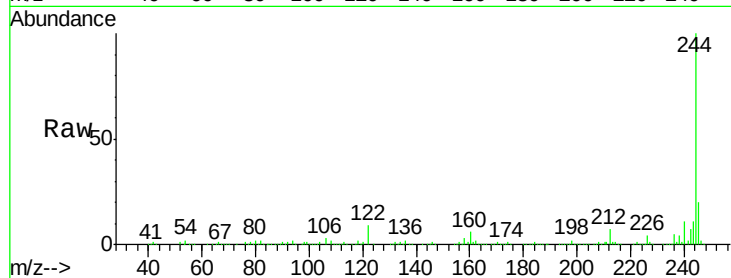




#78
 Terphenyl-d14
 Concen: 91.903 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107089.D
 Acq: 3 Jul 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-7-12

Tot Ion:244 Resp: 559247
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107089.D
 Acq: 3 Jul 2018 18:30

Tgt Ion:264 Resp: 108048
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 17.5 26.3

