

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107088.D
 Acq On : 3 Jul 2018 18:02
 Operator : JU/SJ
 Sample : J3798-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6

Quant Time: Jul 03 19:01:13 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

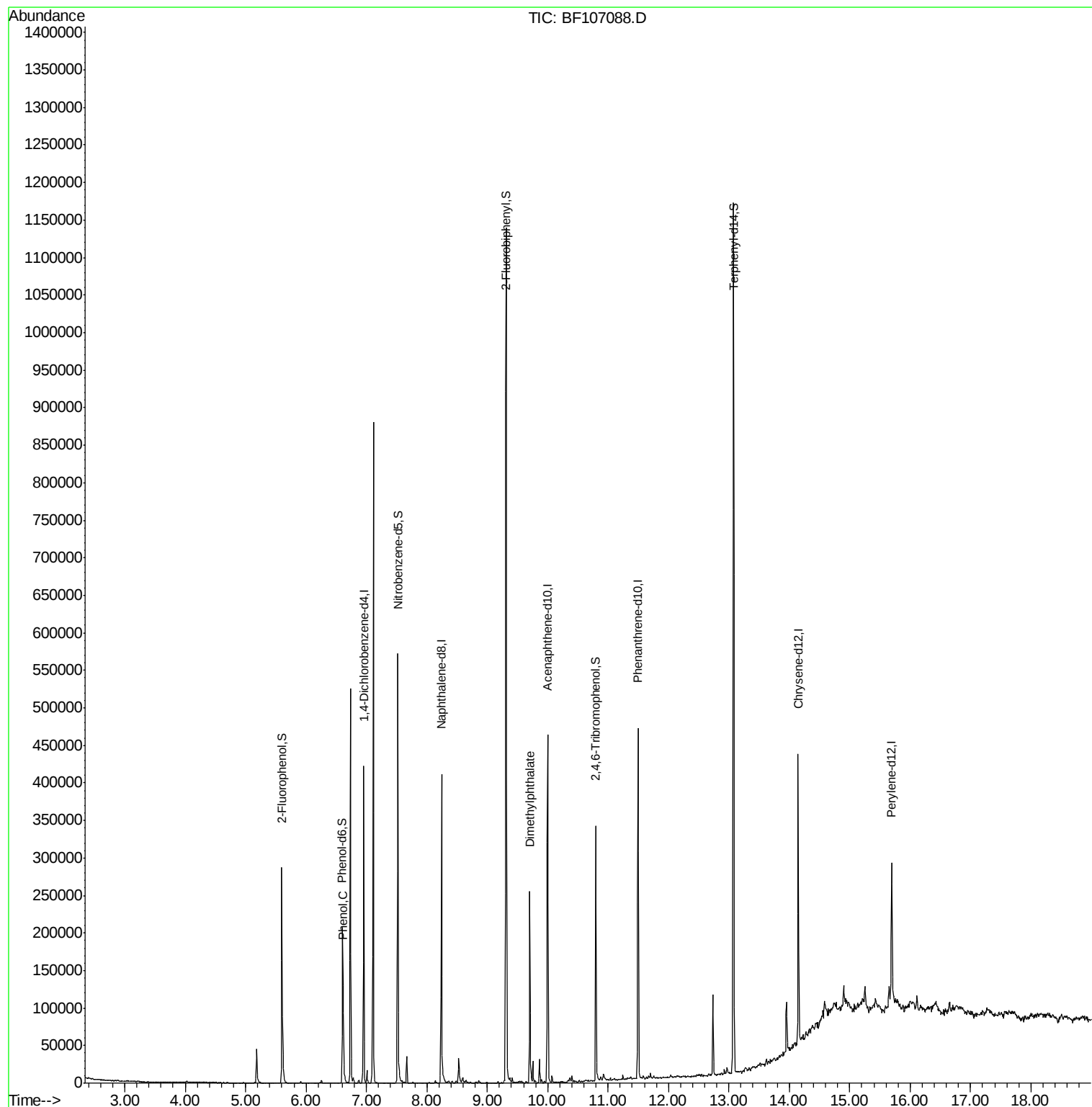
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58944	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	216555	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	95827	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	174303	20.00	ng	0.00
75) Chrysene-d12	14.15	240	150181	20.00	ng	-0.02
86) Perylene-d12	15.69	264	112259	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	93741	26.93	ng	0.00
7) Phenol-d6	6.60	99	73959	17.01	ng	-0.01
23) Nitrobenzene-d5	7.52	82	193995	49.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	48207	43.40	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	382396	63.88	ng	-0.01
78) Terphenyl-d14	13.08	244	414314	66.83	ng	0.00
Target Compounds						
10) Phenol	6.62	94	22303	4.496	ng	99
49) Dimethylphthalate	9.71	163	116793	16.250	ng	# 99

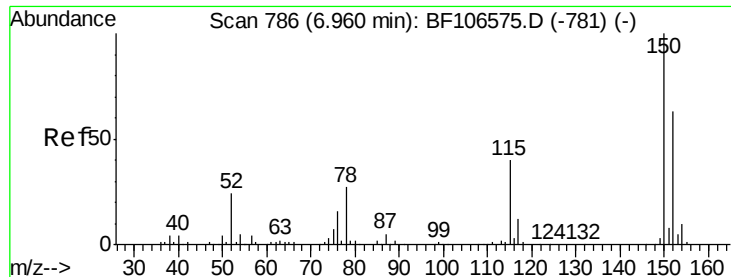
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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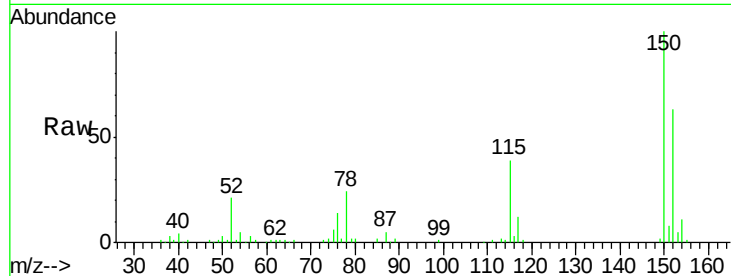


#1

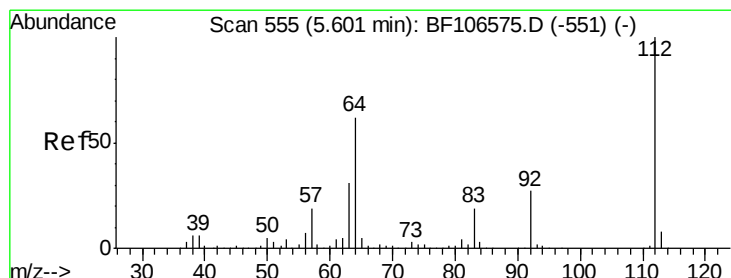
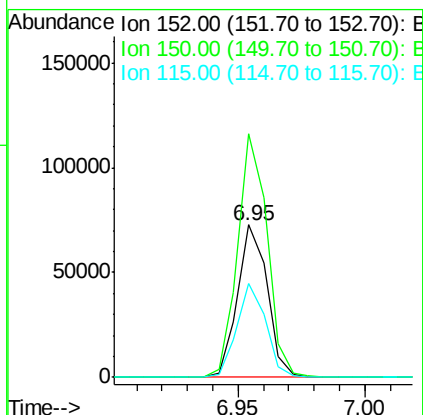
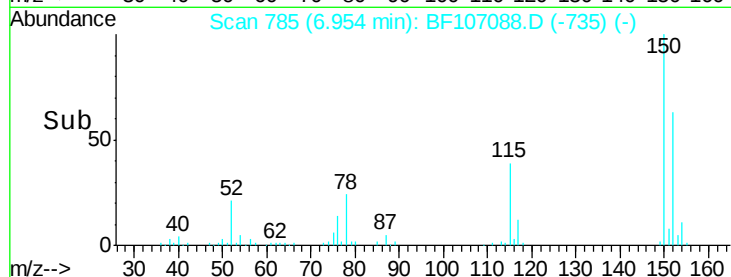
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6

Tot Ion:152 Resp: 58944
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 61.7 50.1 75.1



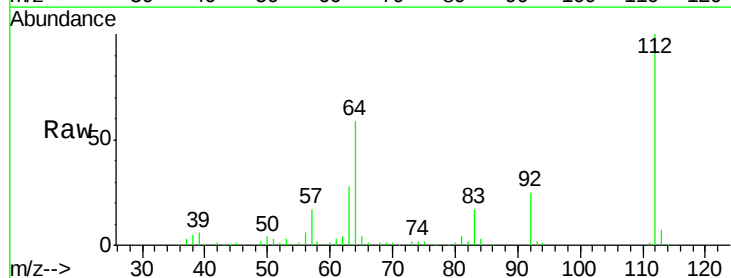
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



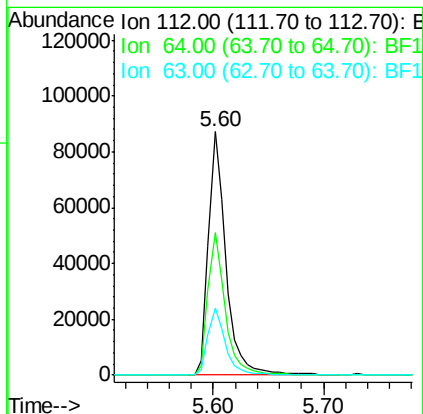
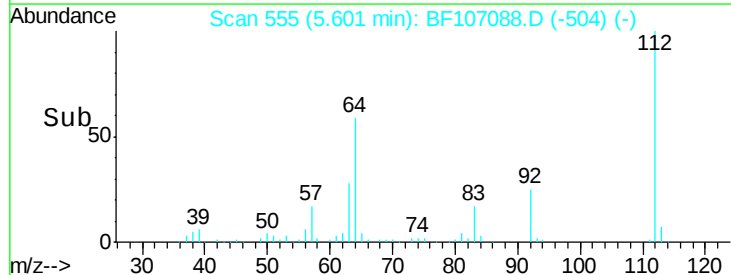
#5

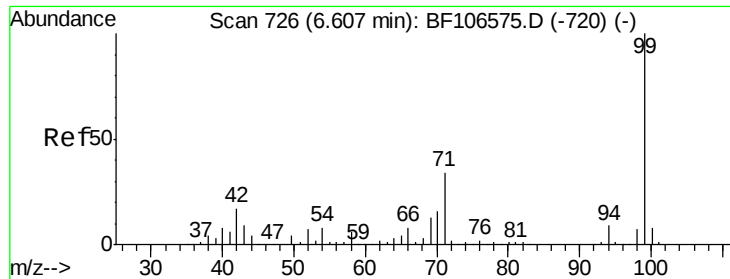
2-Fluorophenol
Concen: 26.930 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Tgt Ion:112 Resp: 93741
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 27.5 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: 17.014 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107088.D

Acq: 3 Jul 2018 18:02

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6

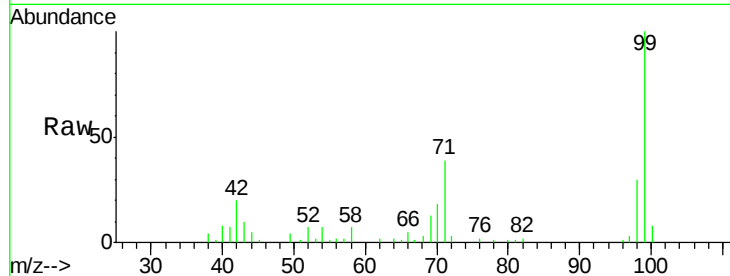
Tot Ion: 99 Resp: 73959

Ion Ratio Lower Upper

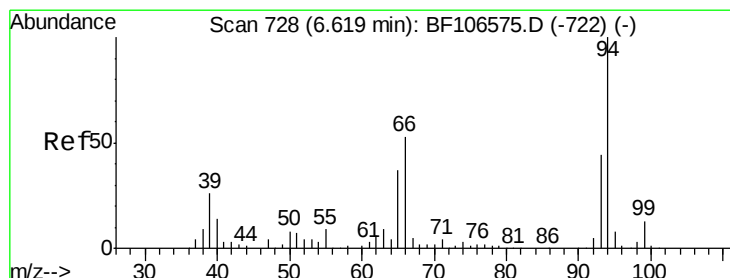
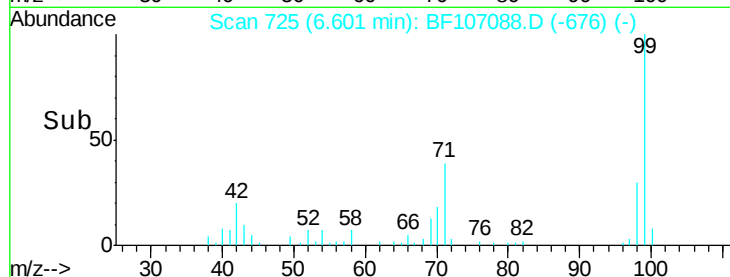
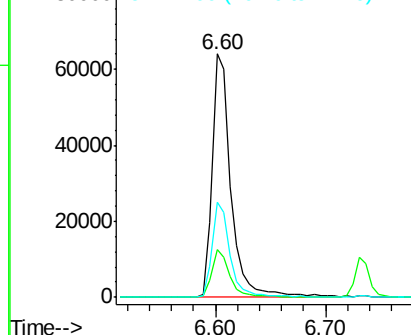
99 100

42 19.8 14.5 21.7

71 39.3 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: 4.496 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107088.D

Acq: 3 Jul 2018 18:02

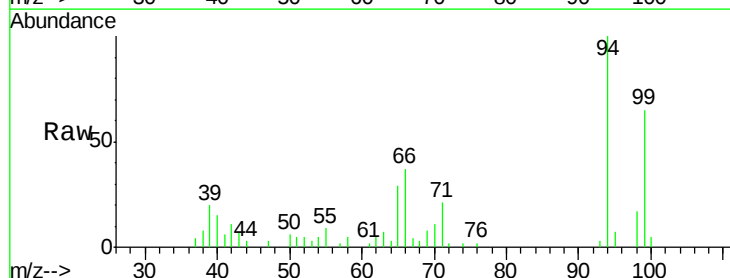
Tgt Ion: 94 Resp: 22303

Ion Ratio Lower Upper

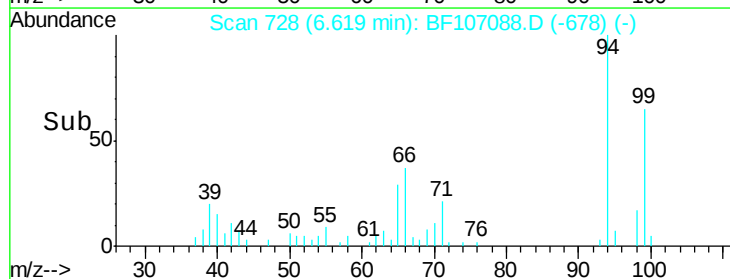
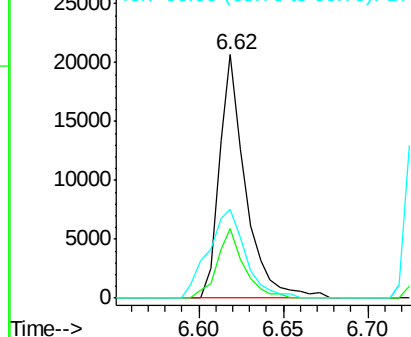
94 100

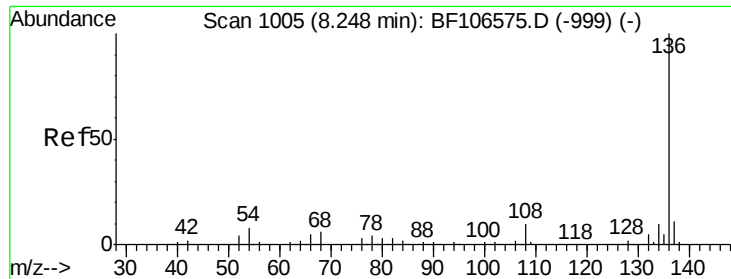
65 28.5 7.9 47.9

66 36.7 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

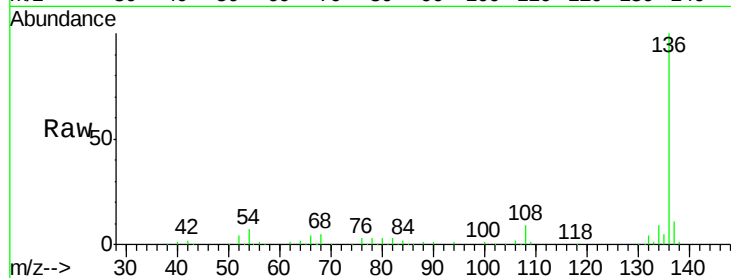




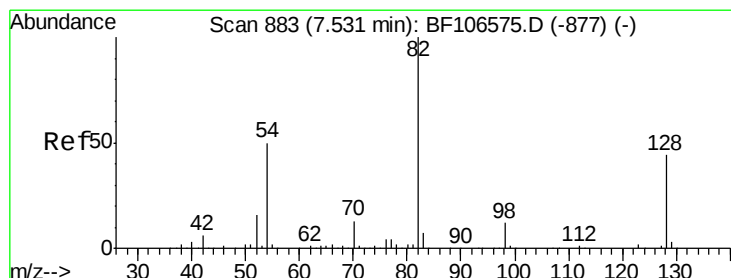
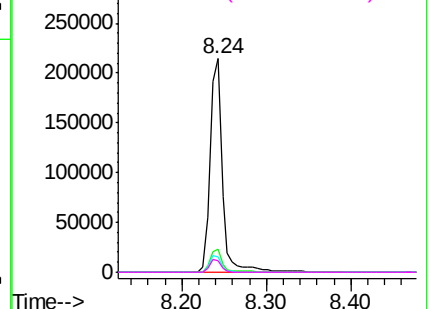
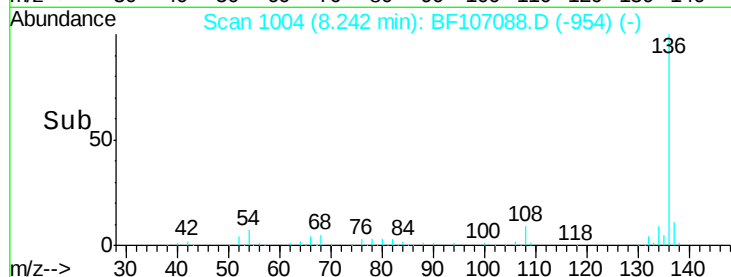
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6

Tot Ion:136	Resp:	216555
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.0	6.6 9.8
68	5.4	5.0 7.4

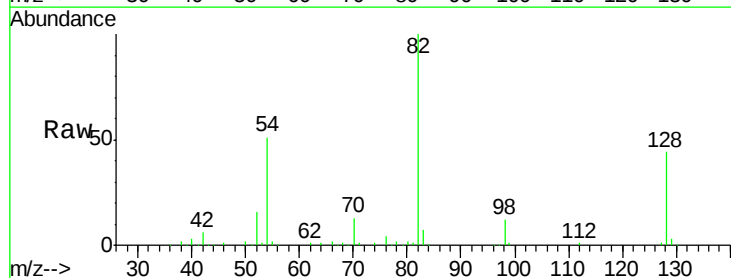


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

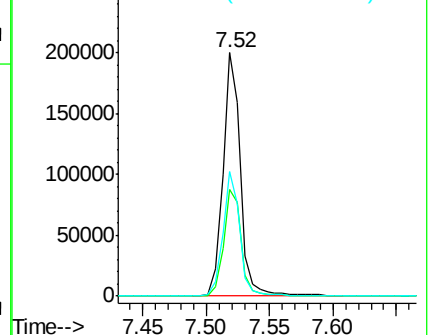
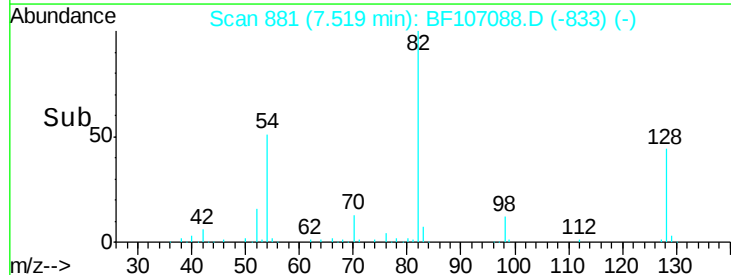


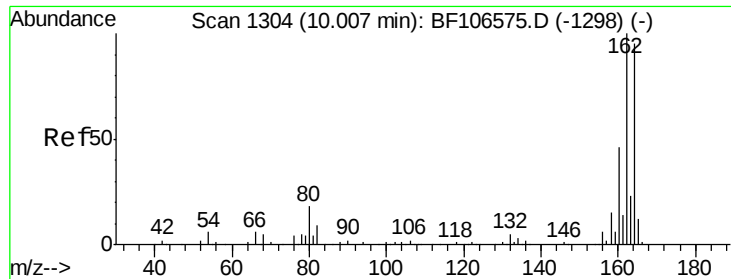
#23
Nitrobenzene-d5
Concen: 49.784 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Tgt Ion: 82	Resp:	193995
Ion Ratio	Lower	Upper
82	100	
128	44.0	36.1 54.1
54	50.9	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

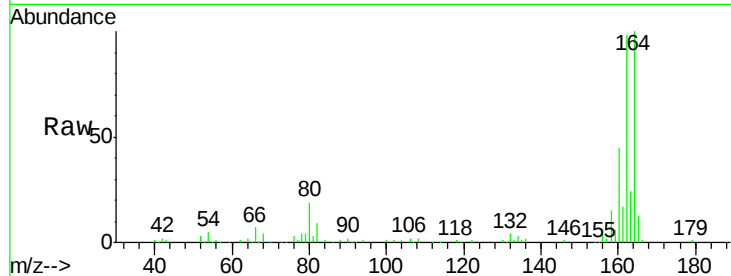




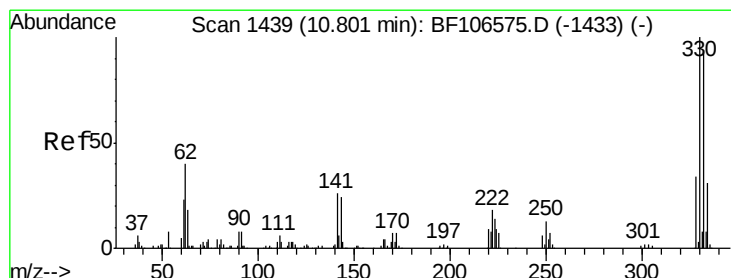
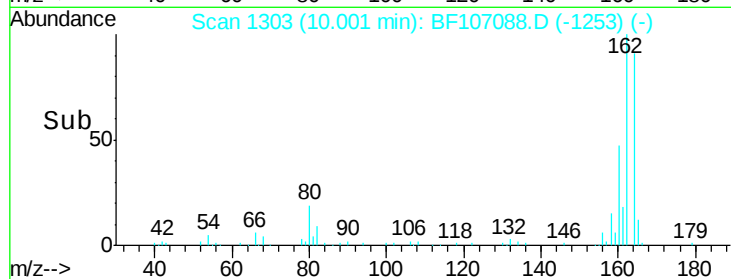
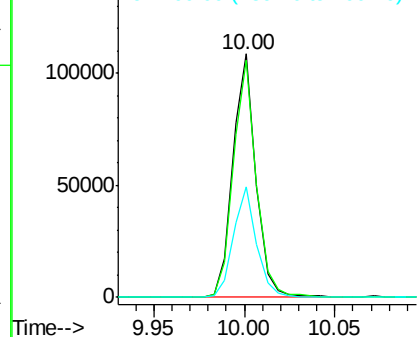
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Instrument :
BNA_F
ClientSampleId :
DRUM-1-6

Tot Ion:164 Resp: 95827
Ion Ratio Lower Upper
164 100
162 97.5 86.1 129.1
160 45.2 38.3 57.5

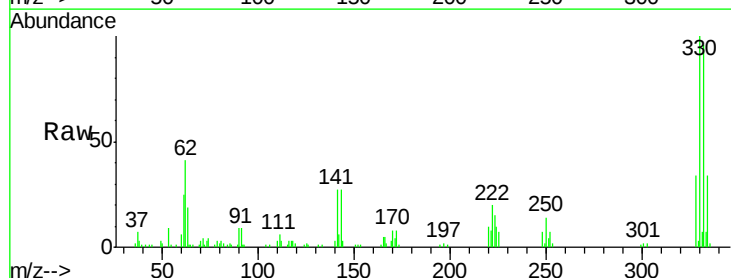


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

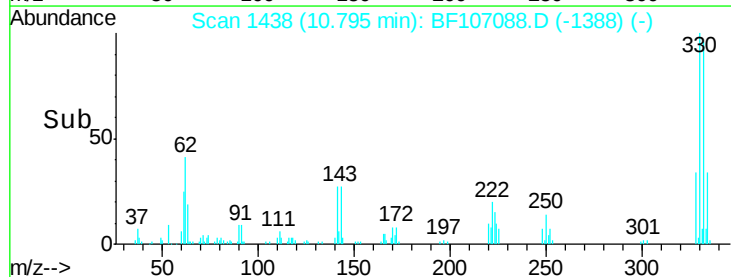
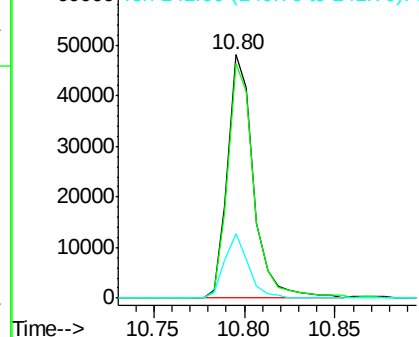


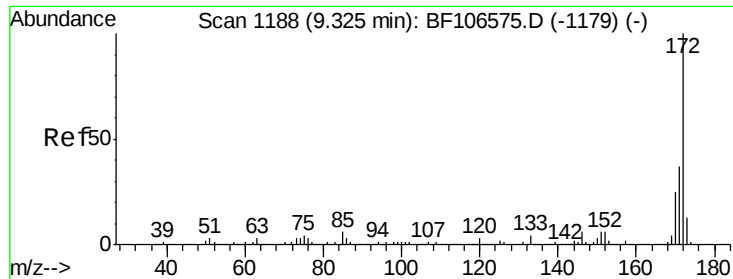
#41
2,4,6-Tribromophenol
Concen: 43.404 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Tgt Ion:330 Resp: 48207
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 24.1 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

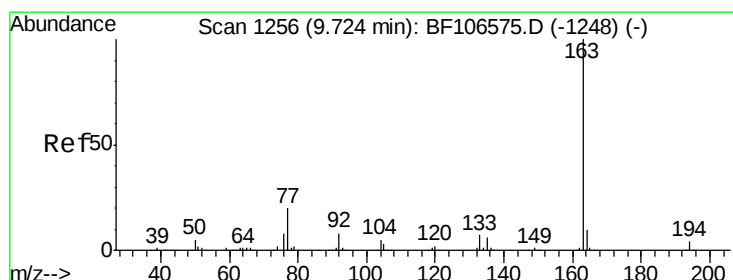
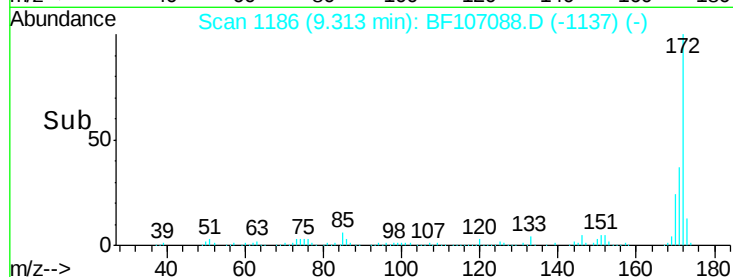
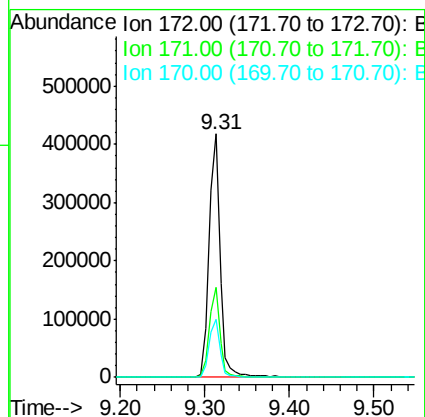
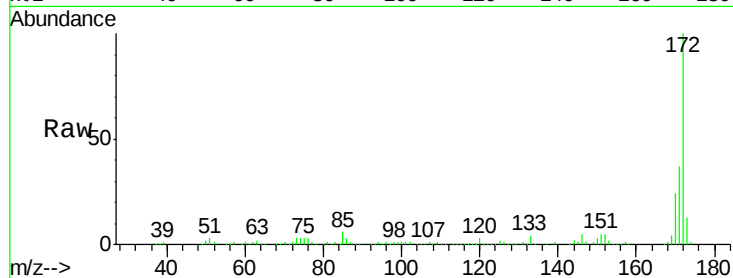




#44
2-Fluorobiphenyl
Concen: 63.878 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

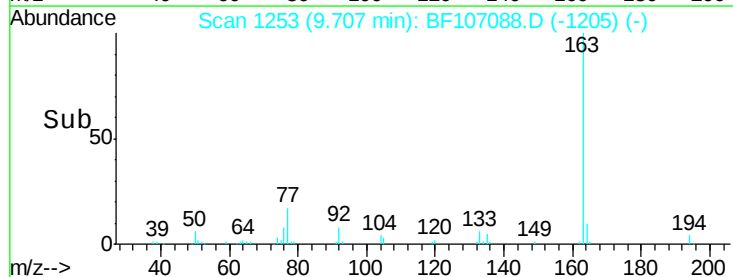
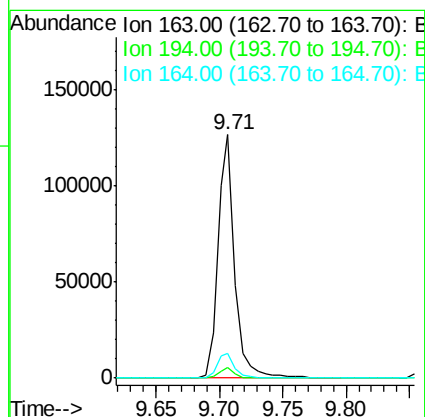
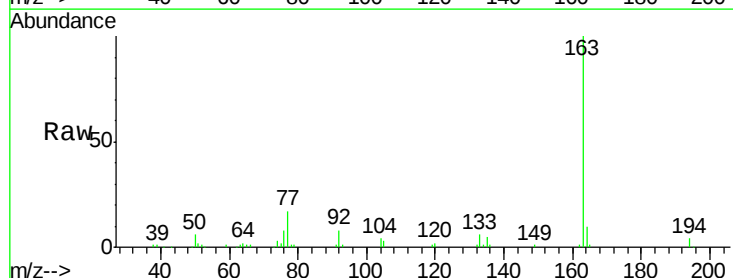
Instrument :
BNA_F
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DRUM-1-6

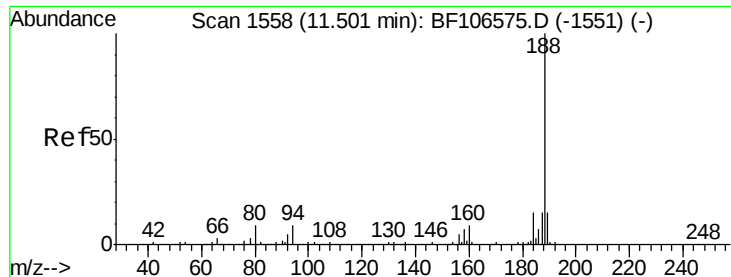
Tot Ion:172 Resp: 382396
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 16.250 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF107088.D
Acq: 3 Jul 2018 18:02

Tgt Ion:163 Resp: 116793
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107088.D

Acq: 3 Jul 2018 18:02

Instrument :

BNA_F

ClientSampled :

DRUM-1-6

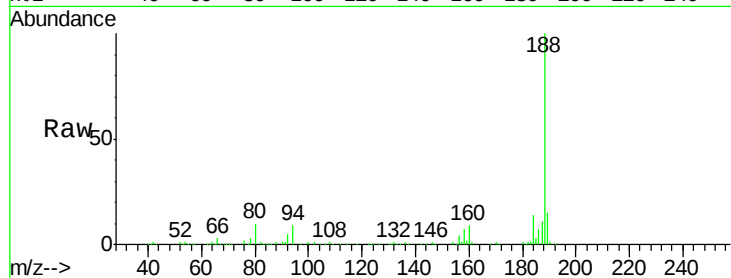
Tot Ion:188 Resp: 174303

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

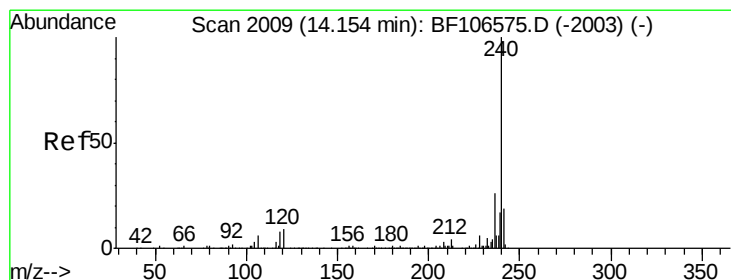
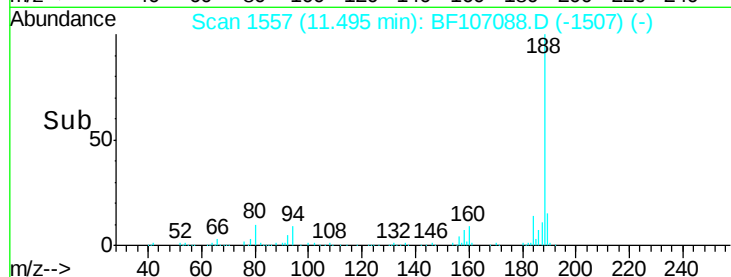
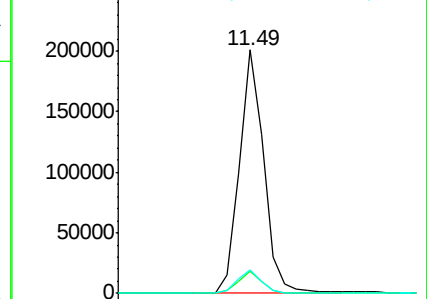
80 9.7 9.2 13.8



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107088.D

Acq: 3 Jul 2018 18:02

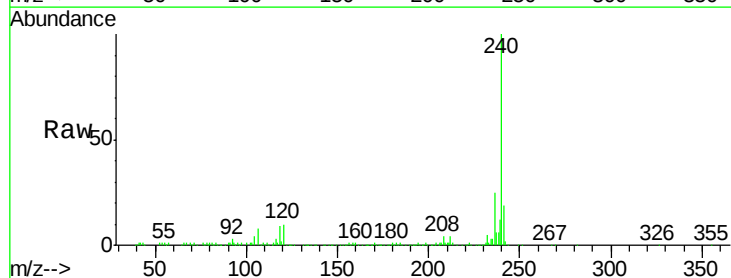
Tgt Ion:240 Resp: 150181

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

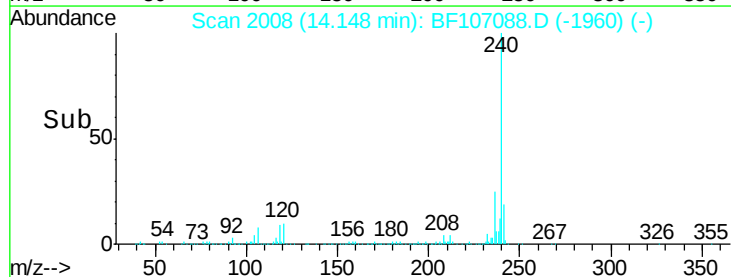
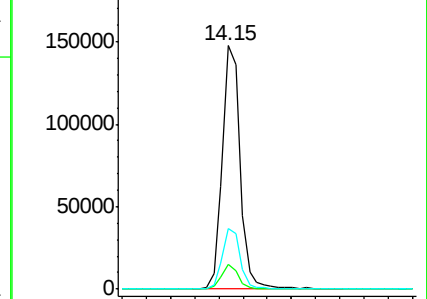
236 25.1 20.7 31.1

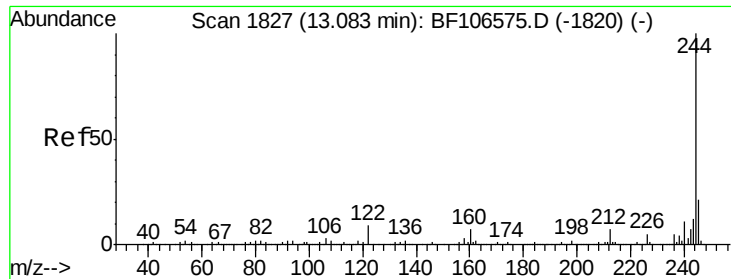


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

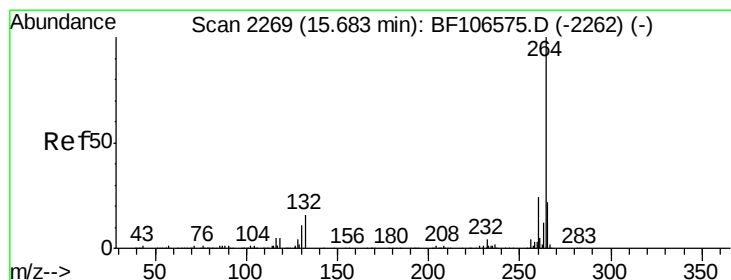
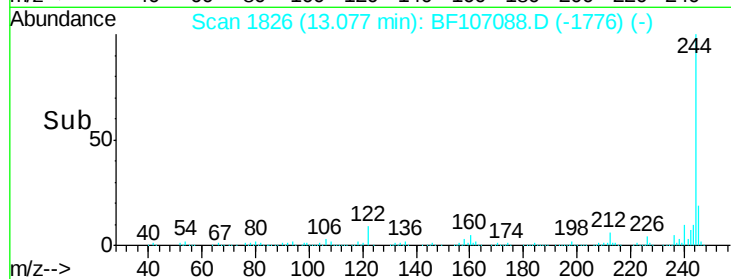
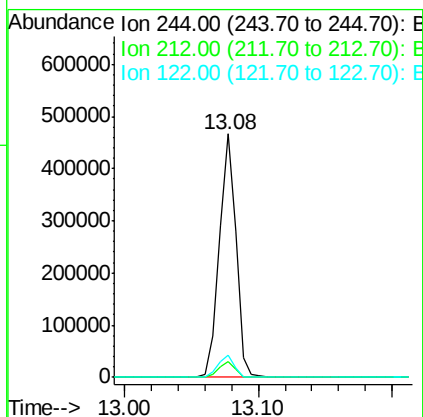
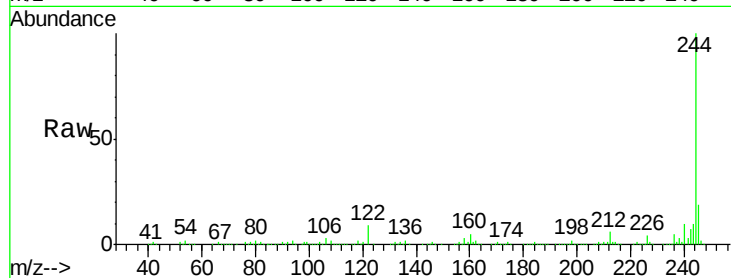




#78
 Terphenyl-d14
 Concen: 66.826 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107088.D
 Acq: 3 Jul 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6

Tot Ion:244 Resp: 414314
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.9 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: BF107088.D
 Acq: 3 Jul 2018 18:02

Tgt Ion:264 Resp: 112259
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.9 17.5 26.3

