

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107099.D
 Acq On : 3 Jul 2018 23:55
 Operator : JU/SJ
 Sample : J3812-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Quant Time: Jul 04 00:35:23 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

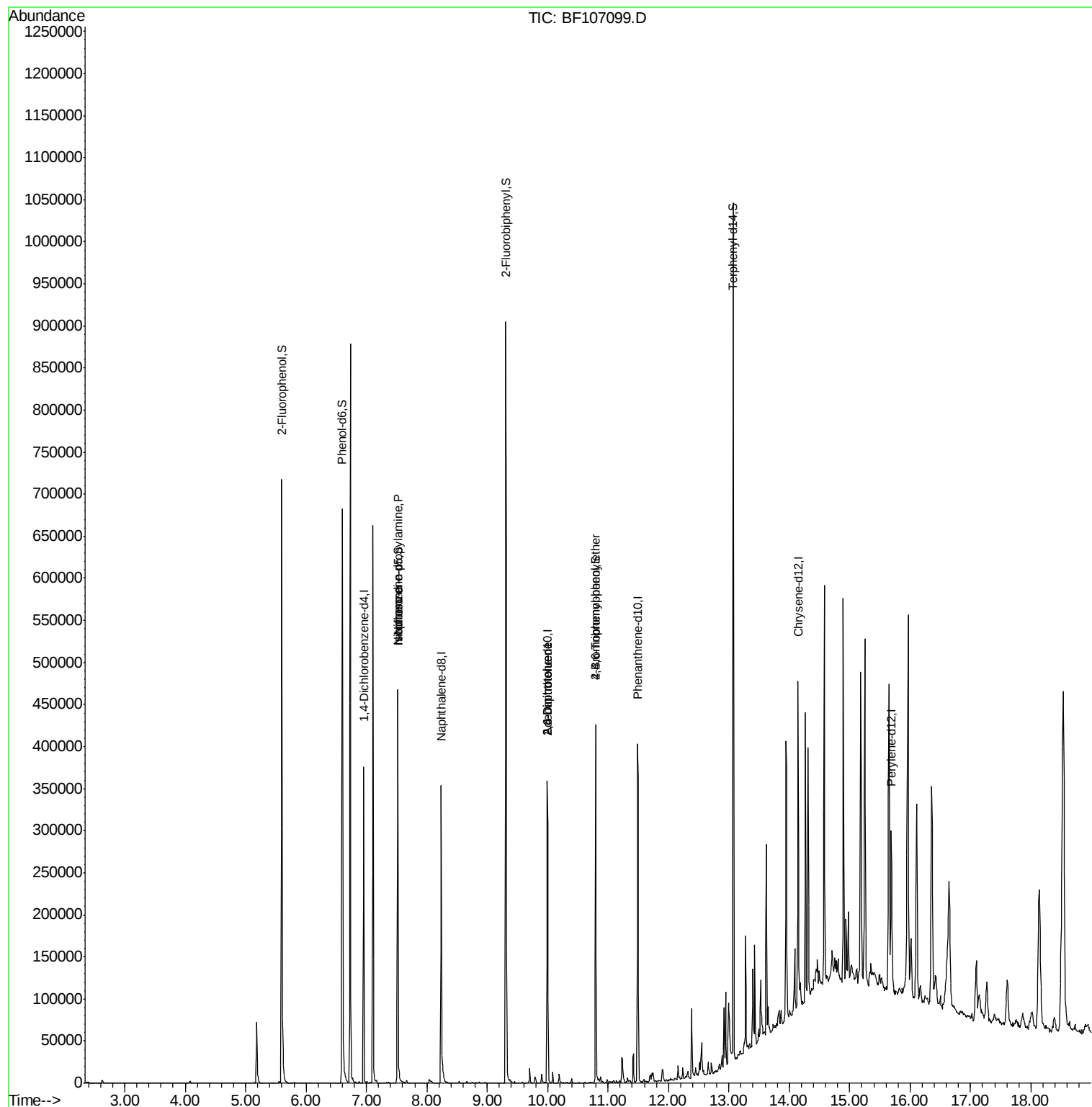
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51849	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	181756	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	80354	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	162792	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	136498	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99274	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	220498	72.01	ng	0.00
7) Phenol-d6	6.60	99	264266	69.11	ng	-0.01
23) Nitrobenzene-d5	7.52	82	149120	45.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	66219	71.10	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	297060	57.87	ng	-0.02
78) Terphenyl-d14	13.07	244	374331	66.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	18951	7.519	ng	# 73
25) Isophorone	7.52	82	149141	25.878	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	9821	7.696	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9821	5.896	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4040	2.079	ng	# 1

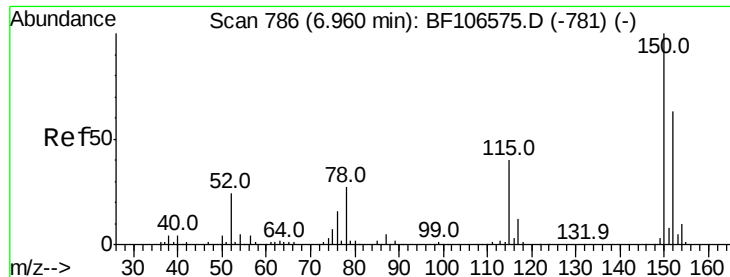
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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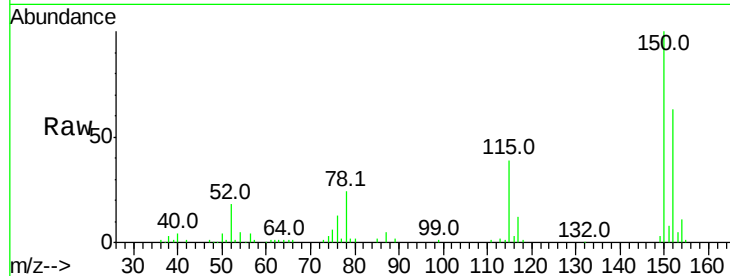


#1

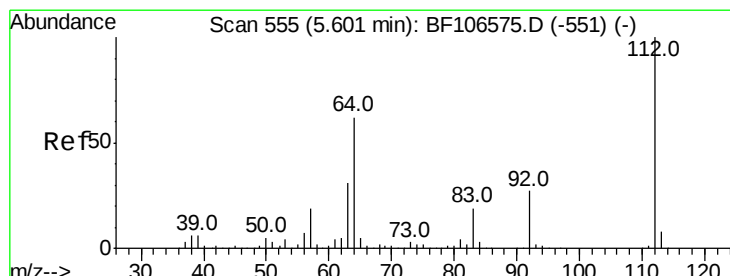
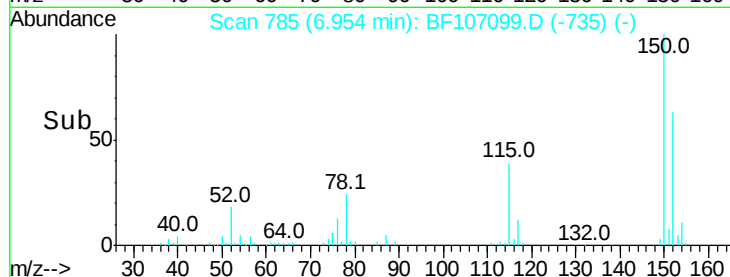
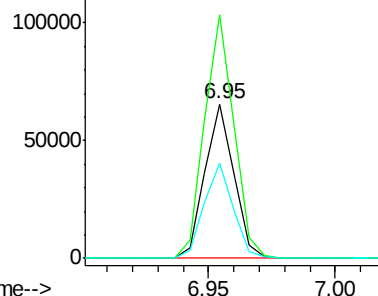
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Tot Ion:152 Resp: 51849
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 61.8 50.1 75.1



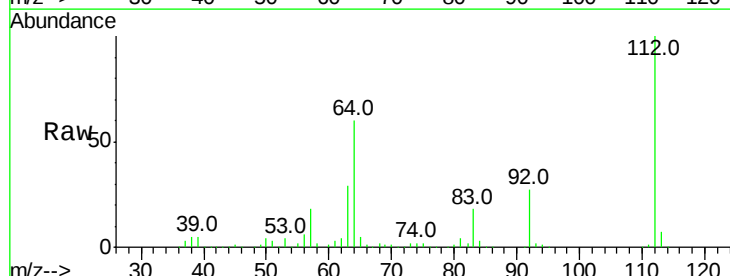
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



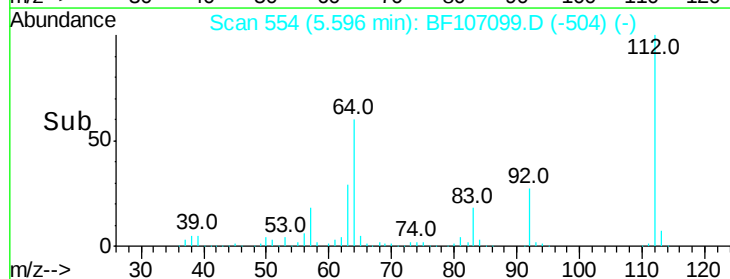
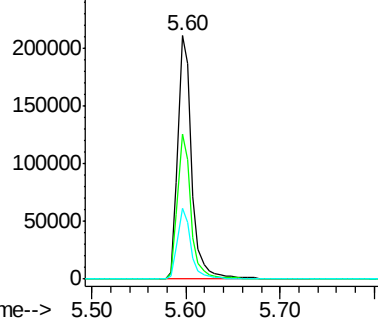
#5

2-Fluorophenol
 Concen: 72.012 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Tgt Ion:112 Resp: 220498
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 29.3 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: 69.111 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-06

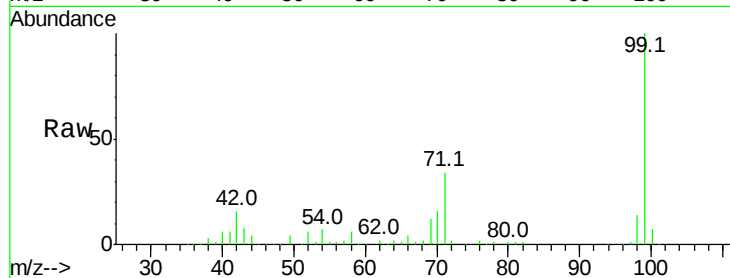
Tot Ion: 99 Resp: 264266

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

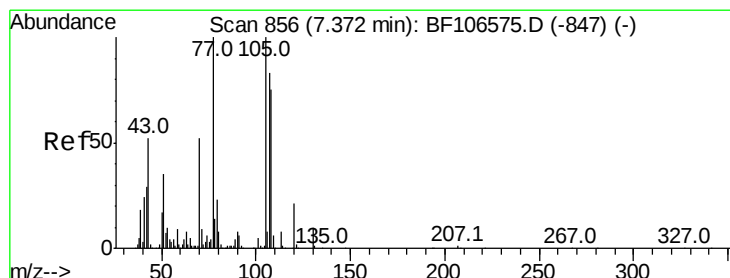
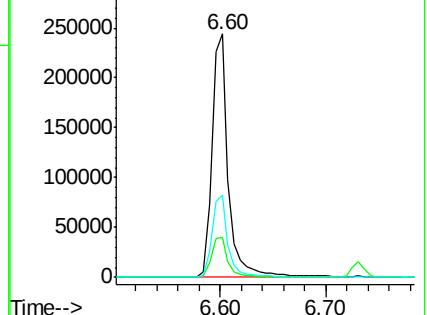
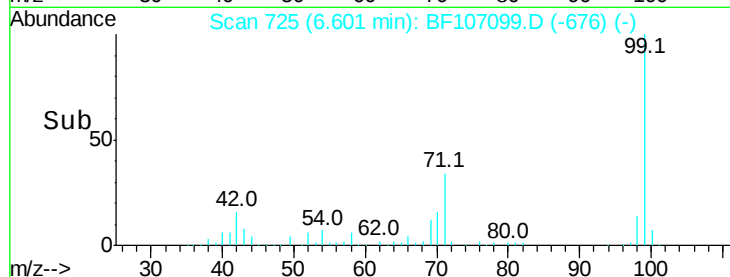
71 34.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.519 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Tgt Ion: 70 Resp: 18951

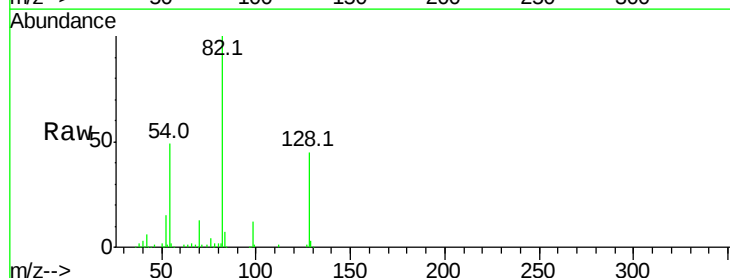
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

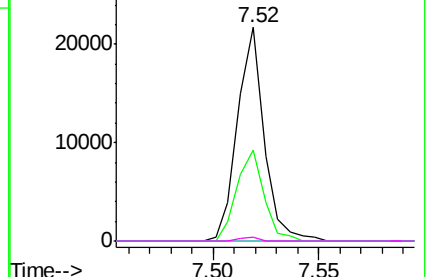
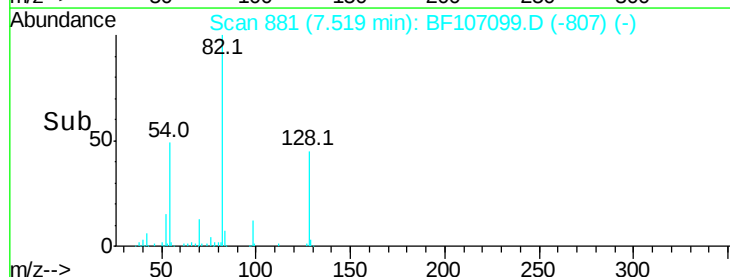


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-06

Tot Ion:136 Resp: 181756

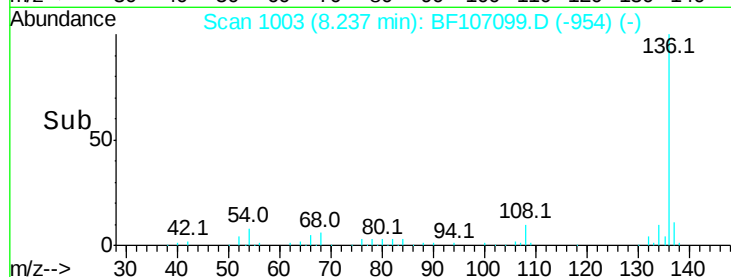
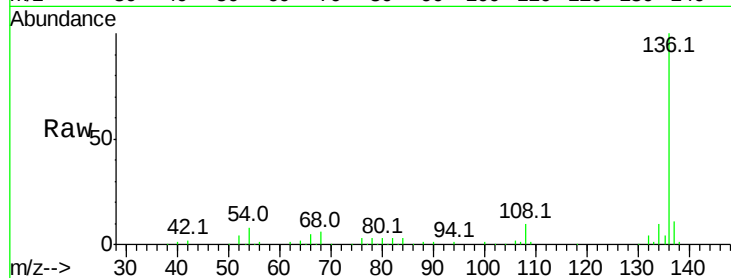
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.6 9.8

68 6.1 5.0 7.4

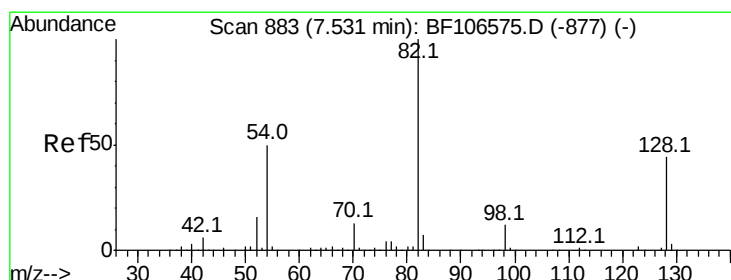
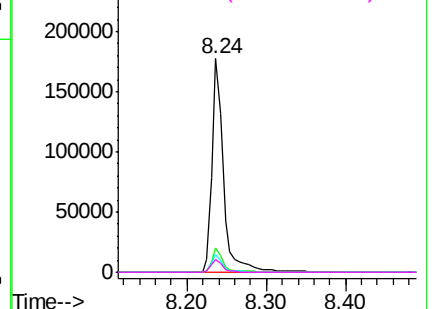


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.595 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

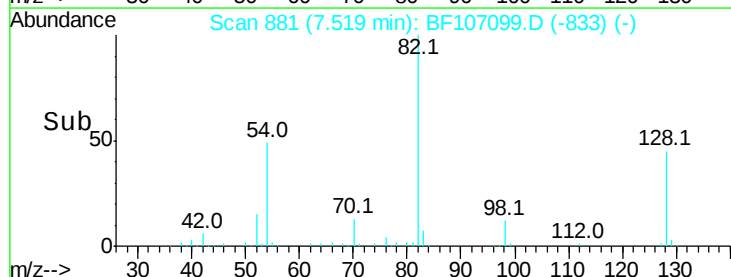
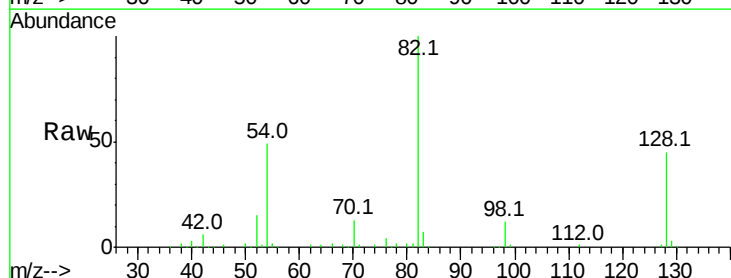
Tgt Ion: 82 Resp: 149120

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

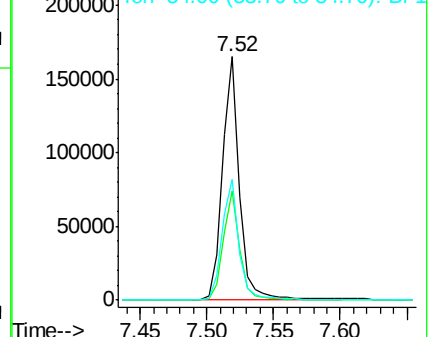
54 49.5 41.4 62.2

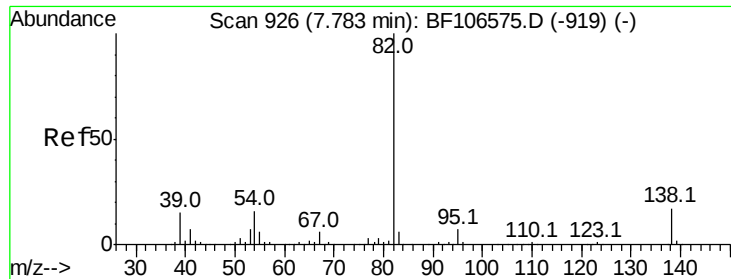


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

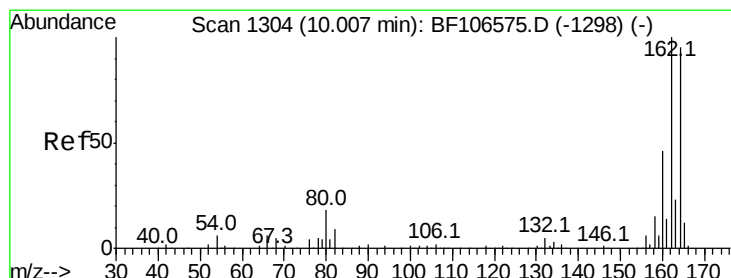
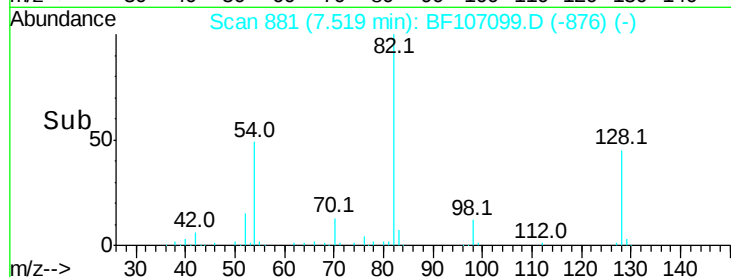
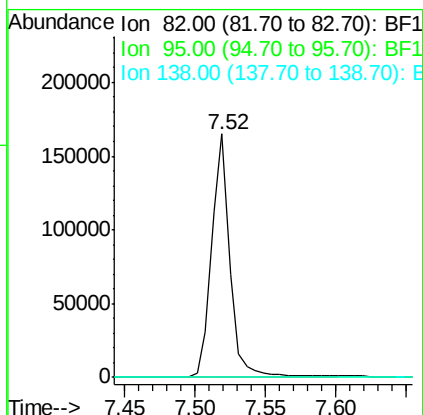
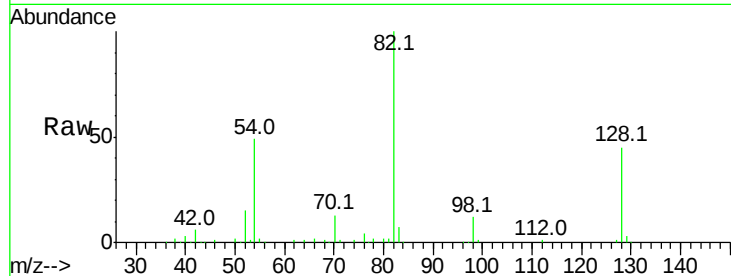




#25
Isophorone
Concen: 25.878 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

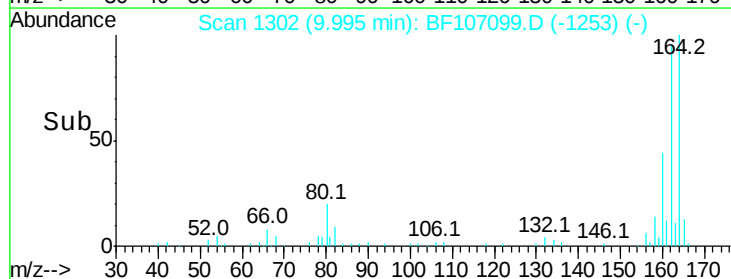
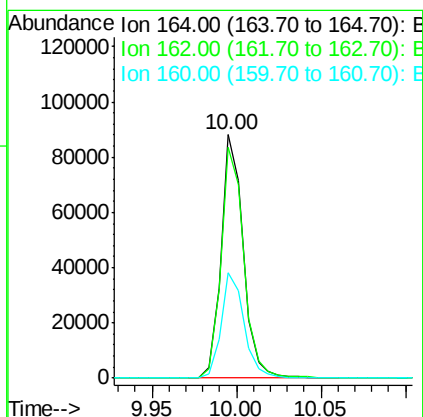
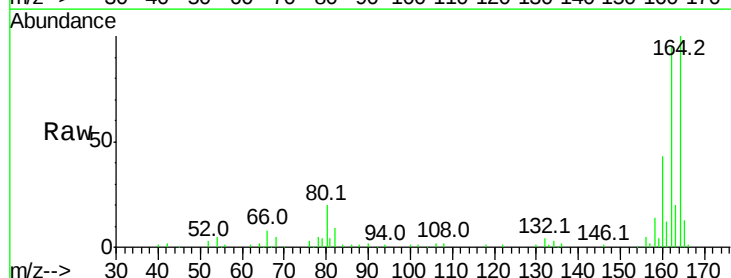
Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-06

Tot Ion: 82 Resp: 149141
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

Tgt Ion:164 Resp: 80354
Ion Ratio Lower Upper
164 100
162 94.6 86.1 129.1
160 43.4 38.3 57.5

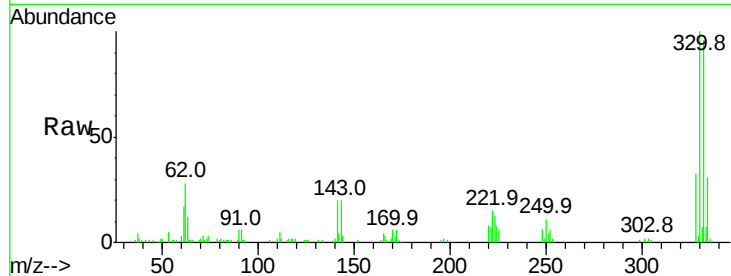




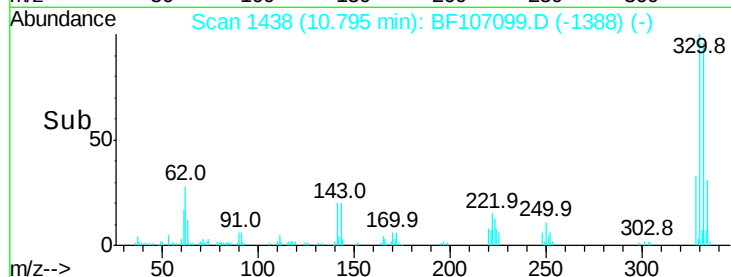
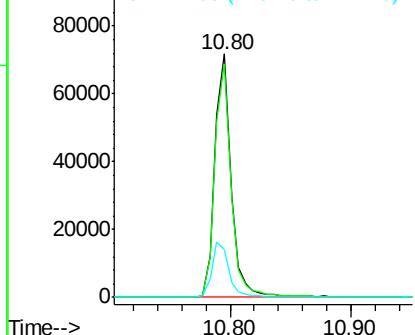
#41
 2,4,6-Tribromophenol
 Concen: 71.102 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Tot Ion:330 Resp: 66219
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 23.6 29.9 44.9#

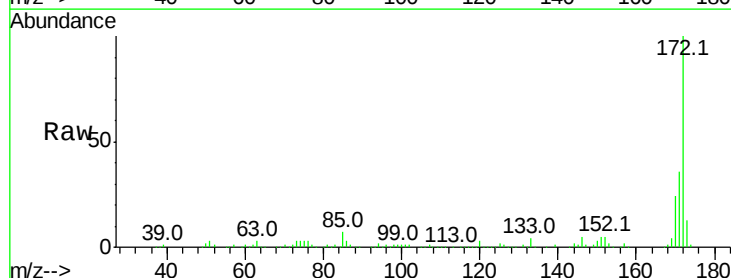


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

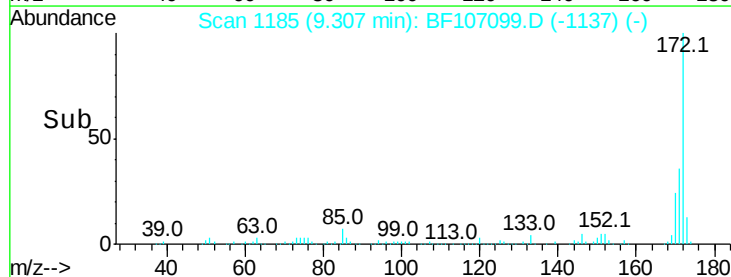
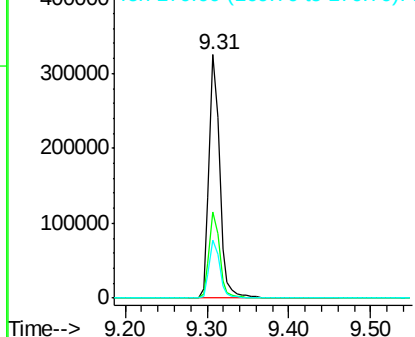


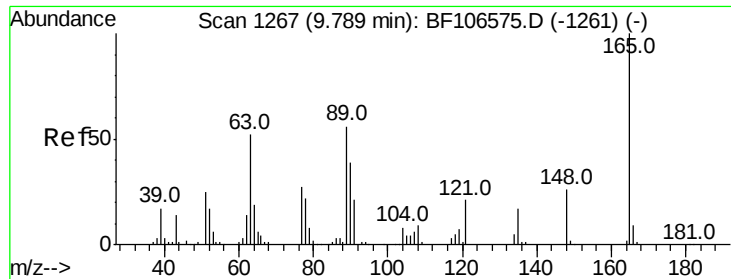
#44
 2-Fluorobiphenyl
 Concen: 57.866 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Tgt Ion:172 Resp: 297060
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.6 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

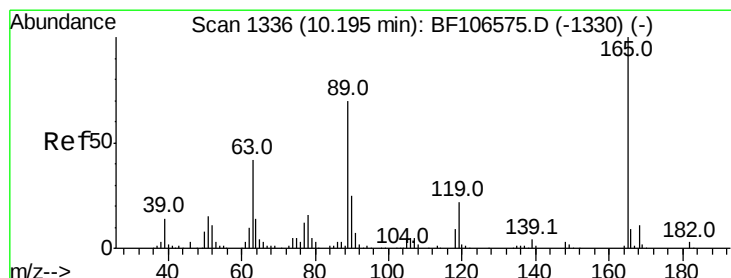
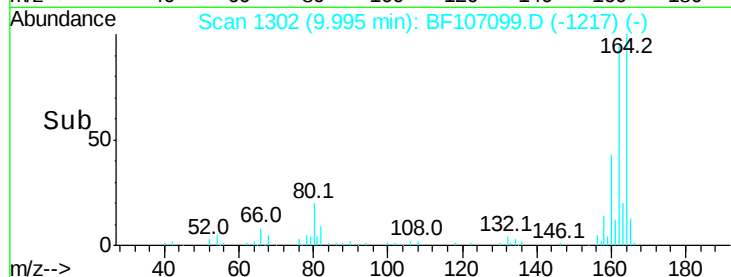
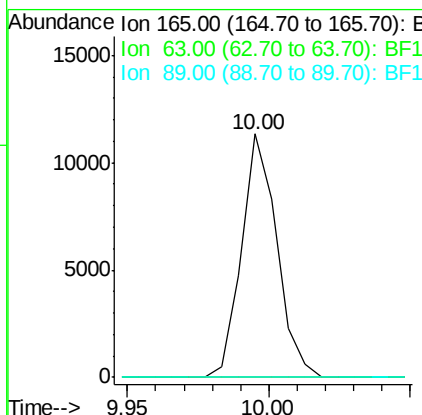
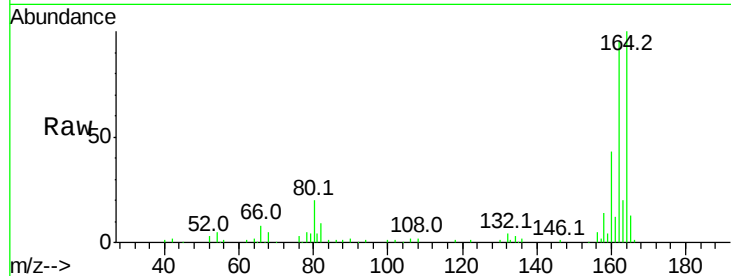




#50
 2,6-Dinitrotoluene
 Concen: 7.696 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

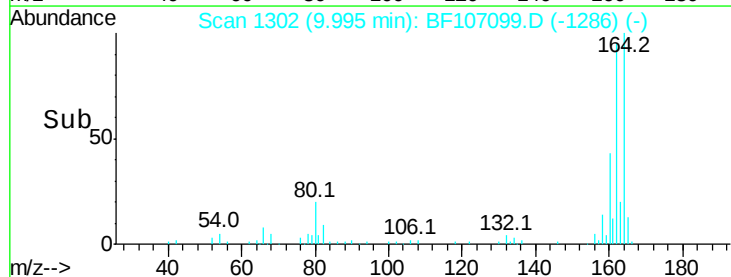
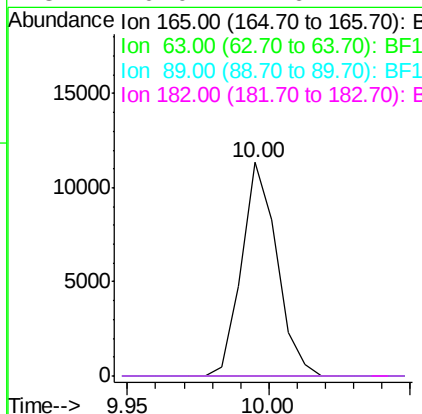
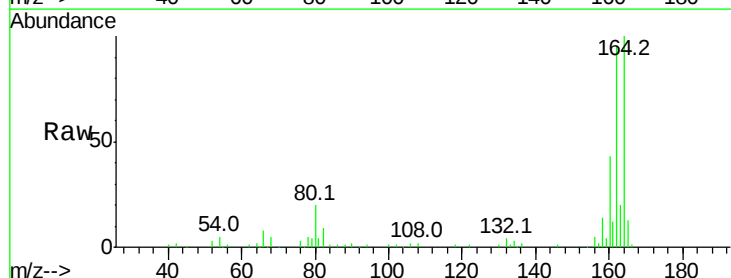
Instrument :
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 DPC-81753-FB-06

Tot Ion:	165	Resp:	9821
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.896 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Tgt Ion:	165	Resp:	9821
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

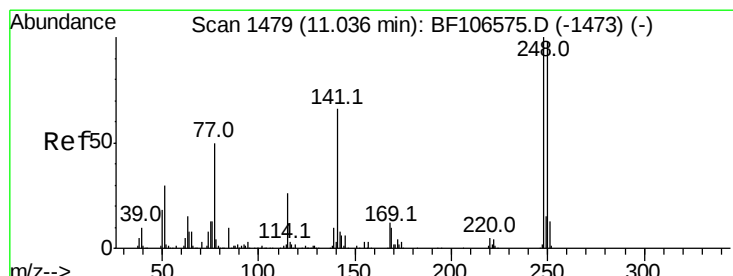
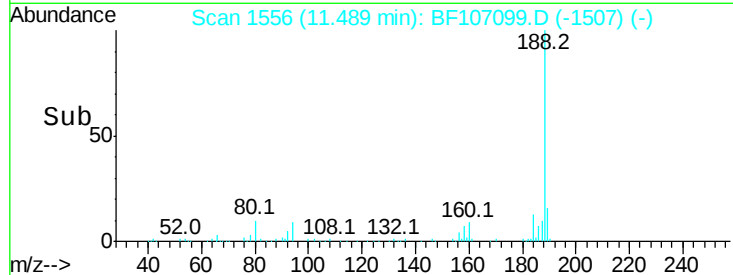
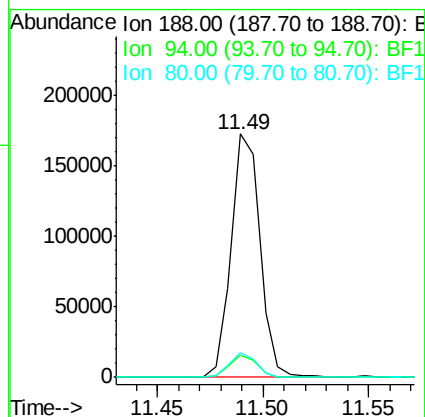
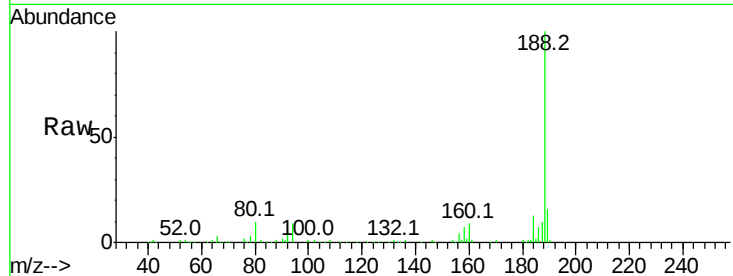




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

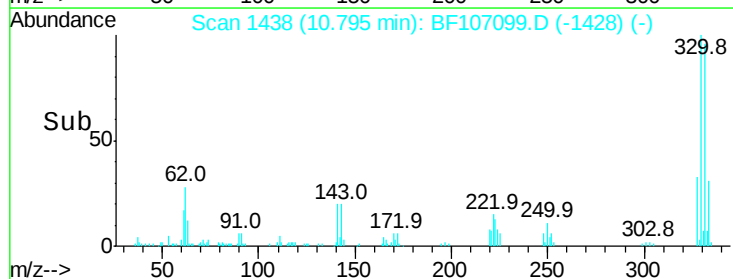
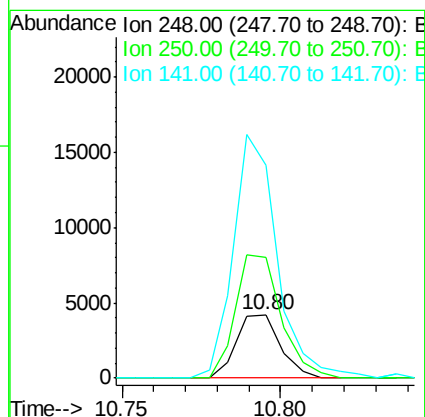
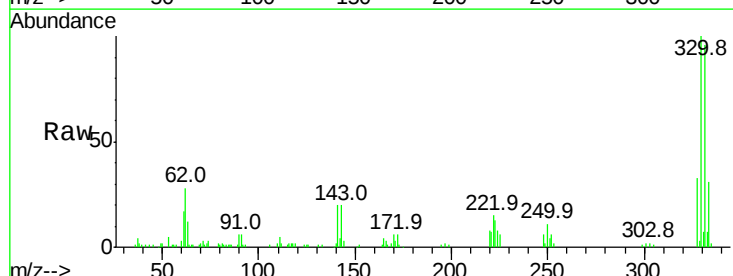
Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-06

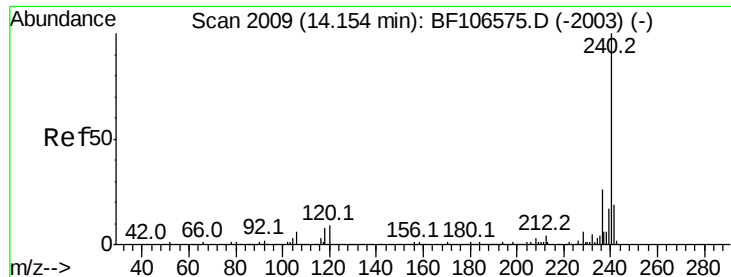
Tot Ion:188 Resp: 162792
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.079 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107099.D
Acq: 3 Jul 2018 23:55

Tgt Ion:248 Resp: 4040
Ion Ratio Lower Upper
248 100
250 190.1 76.9 115.3#
141 335.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-06

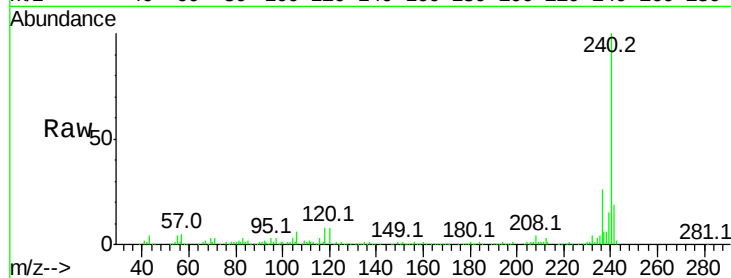
Tot Ion:240 Resp: 136498

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

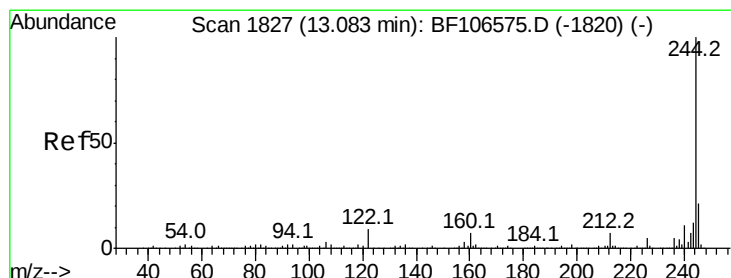
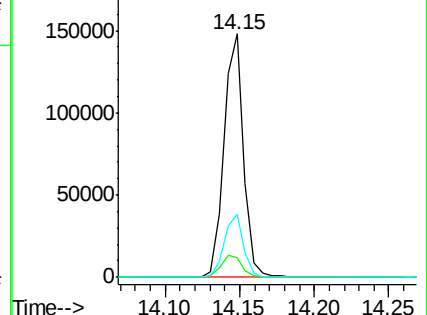
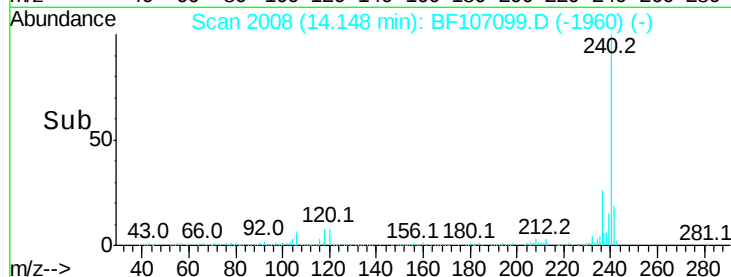
236 25.9 20.7 31.1



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: 66.429 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107099.D

Acq: 3 Jul 2018 23:55

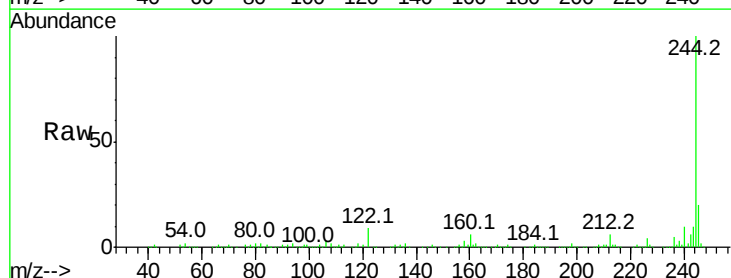
Tgt Ion:244 Resp: 374331

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

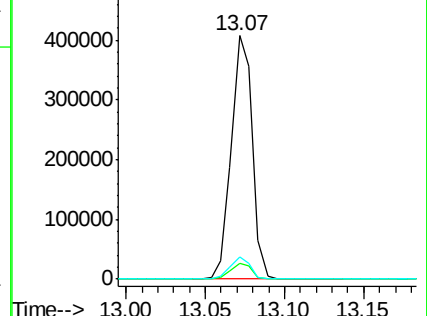
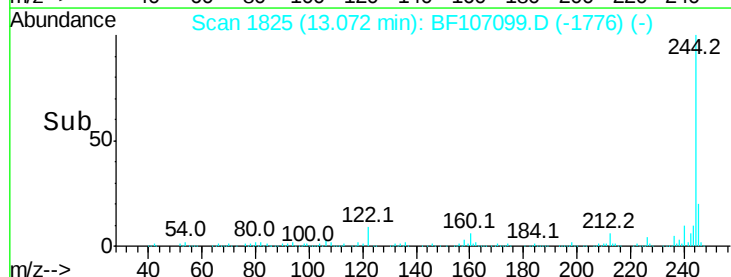
122 9.2 11.0 16.4#

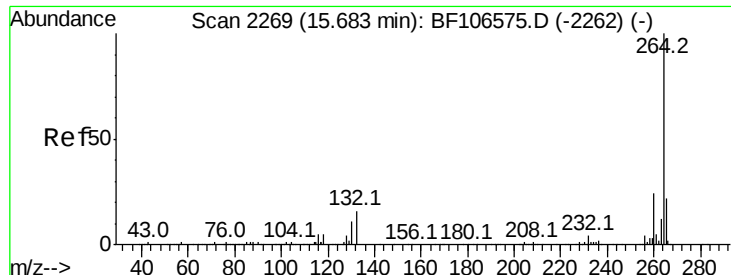


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107099.D
 Acq: 3 Jul 2018 23:55

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-06

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.5	26.3

