

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
 Data File : BF106749.D
 Acq On : 23 Jun 2018 9:57
 Operator : JU/SJ
 Sample : J3648-01 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Quant Time: Jun 25 01:18:51 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 22 11:34:03 2018
 Response via : Initial Calibration

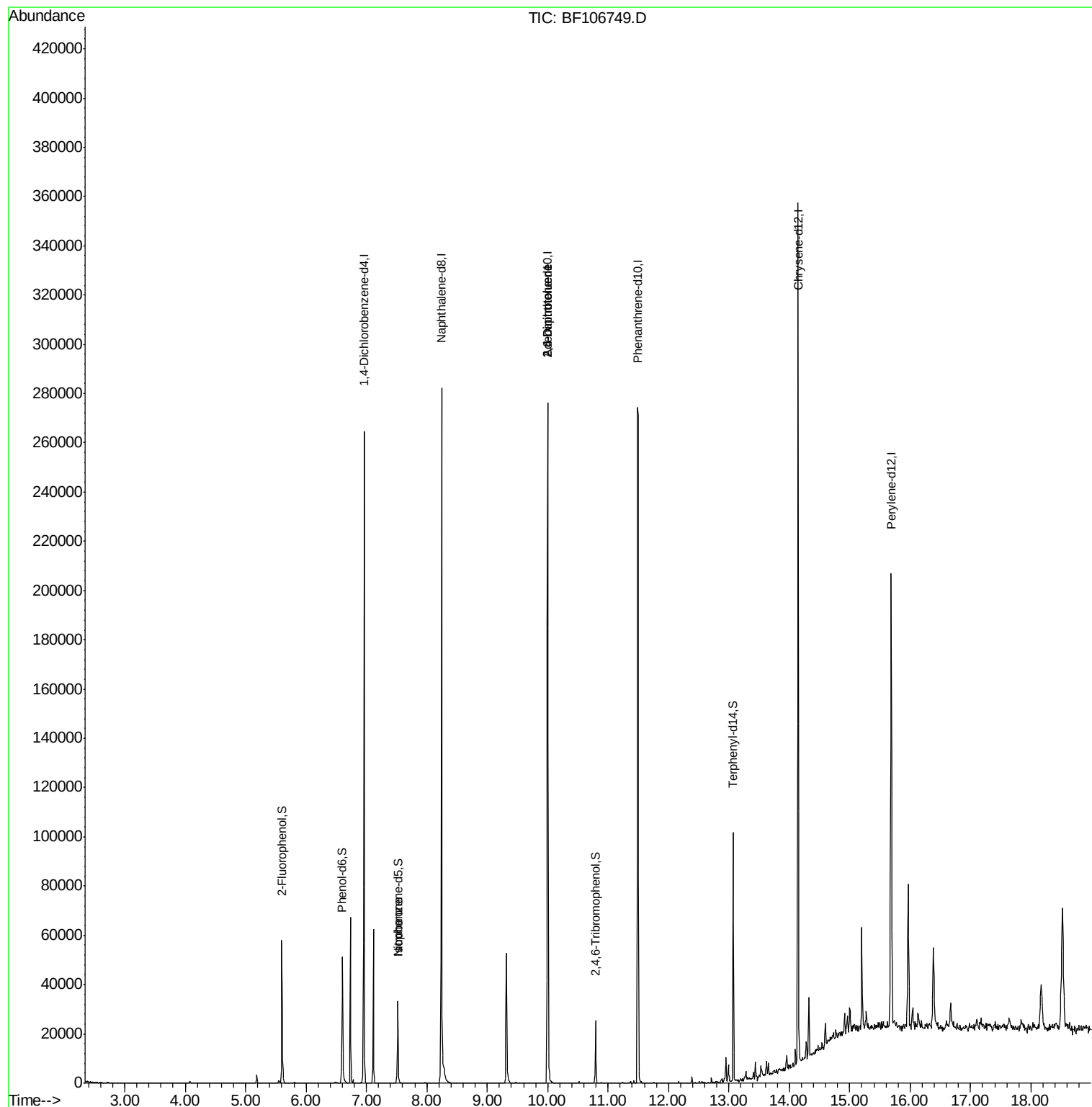
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	40575	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	142145	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59938	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	117911	20.00	ng	0.00
75) Chrysene-d12	14.15	240	136303	20.00	ng	0.00
86) Perylene-d12	15.69	264	98639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	17834	7.44	ng	0.00
7) Phenol-d6	6.60	99	21481	7.18	ng	0.00
23) Nitrobenzene-d5	7.52	82	12592	4.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	4405	6.34	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	26807	-8.69	ng	-0.01
78) Terphenyl-d14	13.07	244	35811	6.36	ng	-0.01
Target Compounds						
25) Isophorone	7.52	82	12592	2.794	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	7158	7.520	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7158	5.761	ng	# 21

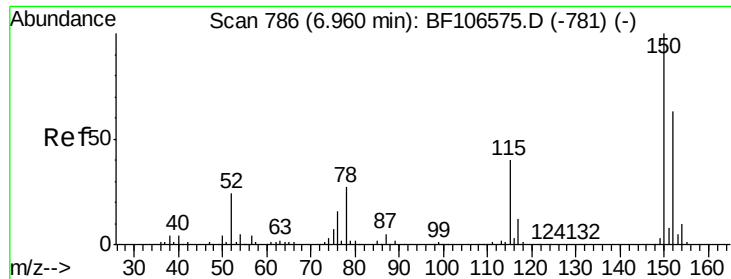
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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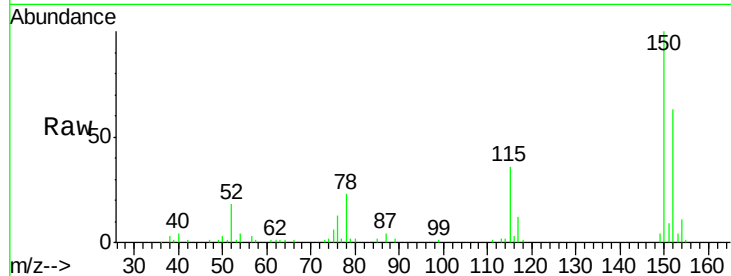


#1

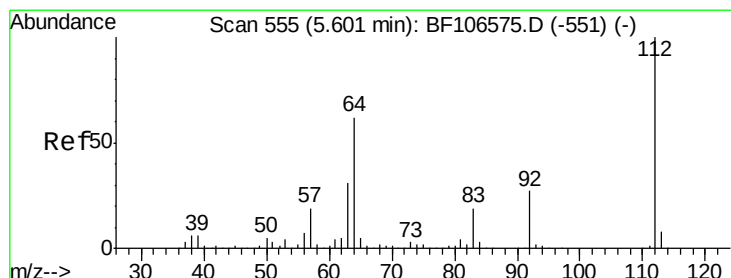
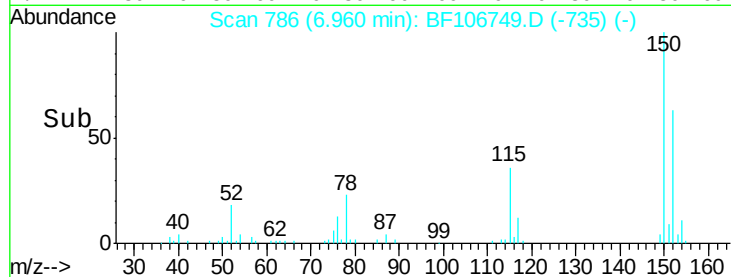
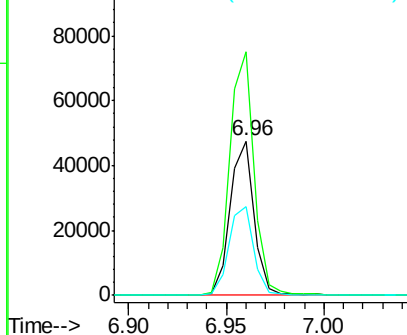
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-01

Tgt Ion:152 Resp: 40575
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.4 50.1 75.1



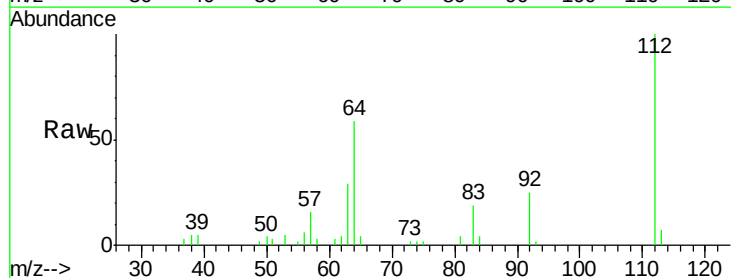
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



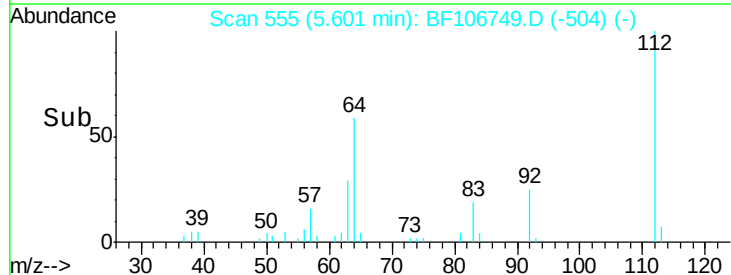
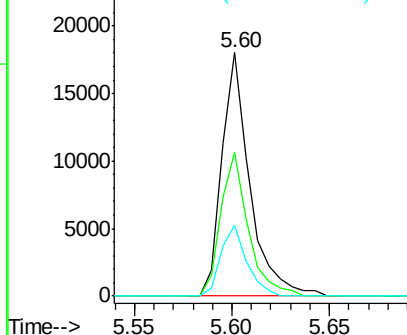
#5

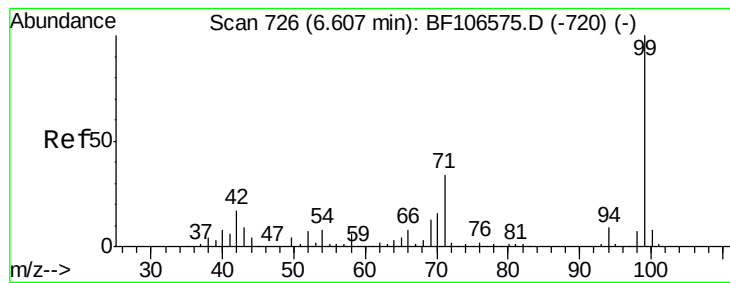
2-Fluorophenol
Concen: 7.443 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Tgt Ion:112 Resp: 17834
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.0 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: 7.179 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

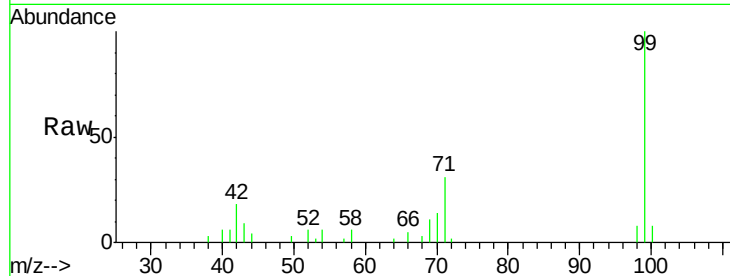
Tgt Ion: 99 Resp: 21481

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

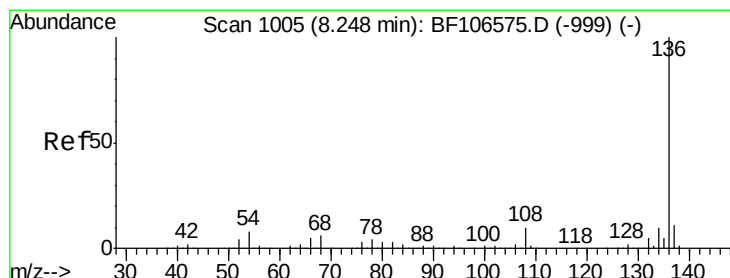
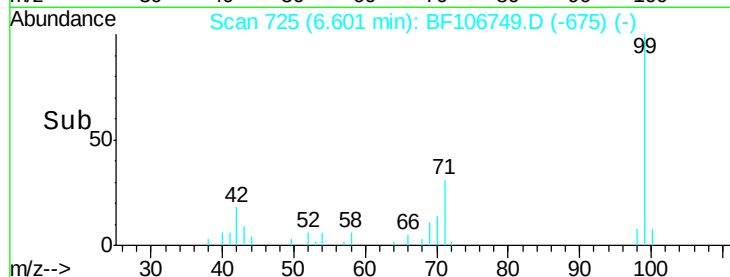
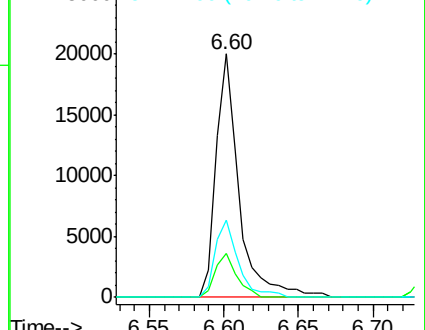
71 31.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Tgt Ion: 136 Resp: 142145

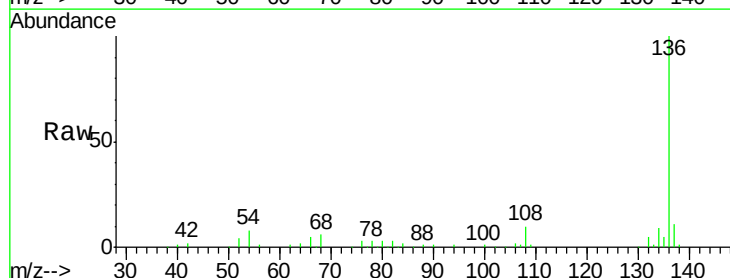
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 6.1 5.0 7.4

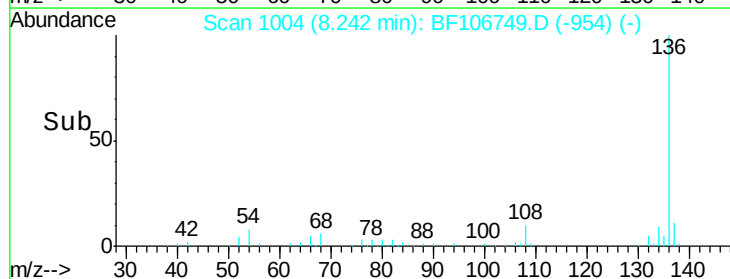
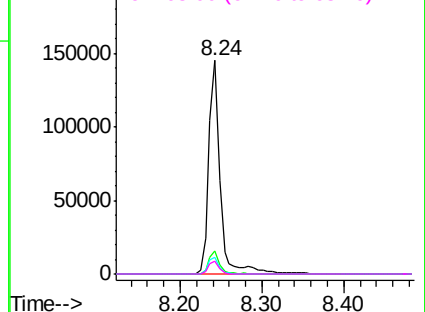


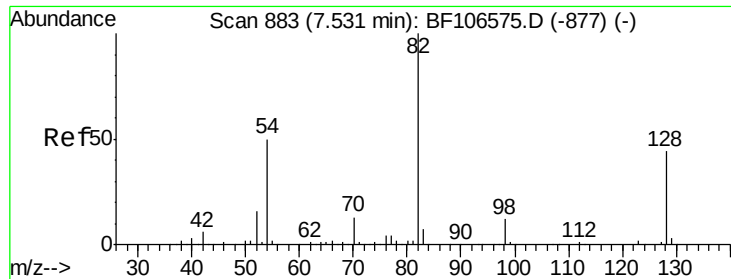
Abundance Ion 136.00 (135.70 to 136.70): E

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

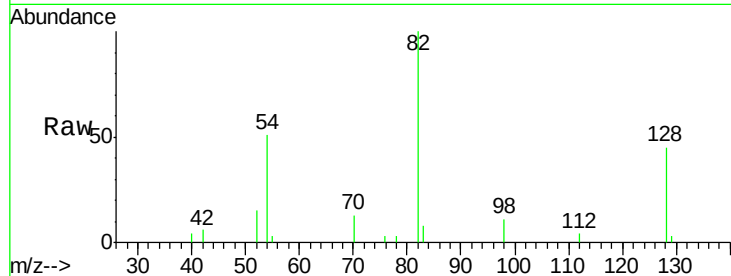




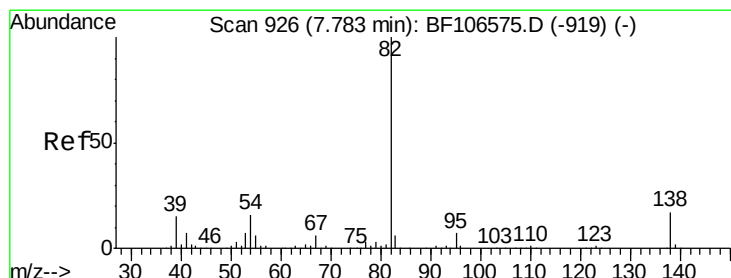
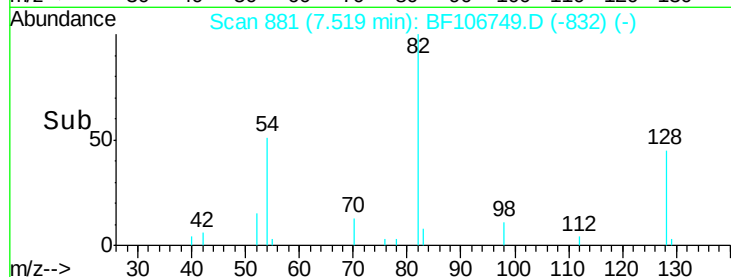
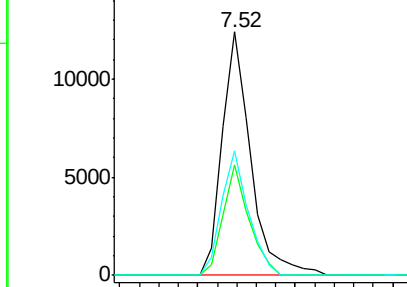
#23
 Nitrobenzene-d5
 Concen: 4.923 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

Tgt Ion: 82 Resp: 12592
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 51.0 41.4 62.2

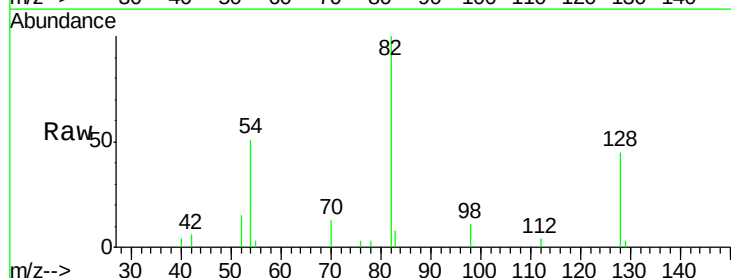


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

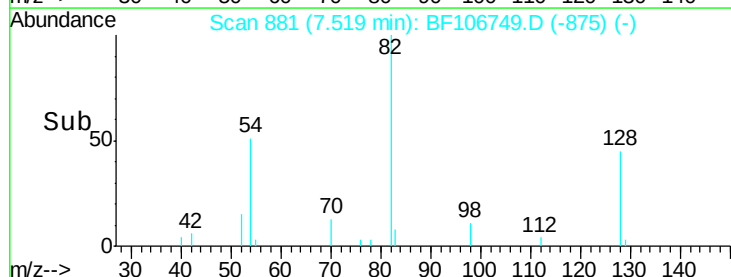
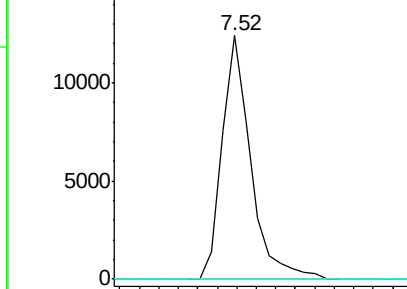


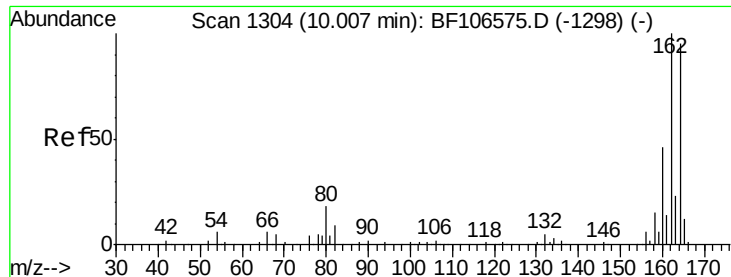
#25
 Isophorone
 Concen: 2.794 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.26 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Tgt Ion: 82 Resp: 12592
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

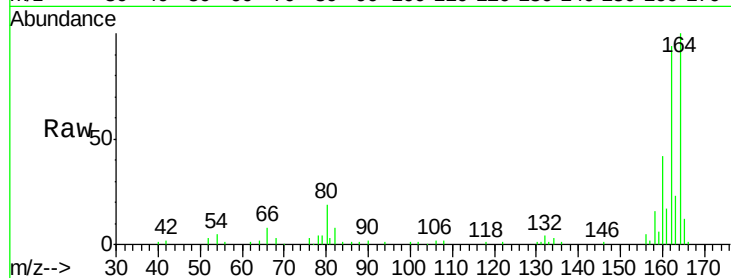
Tgt Ion:164 Resp: 59938

Ion Ratio Lower Upper

164 100

162 94.4 86.1 129.1

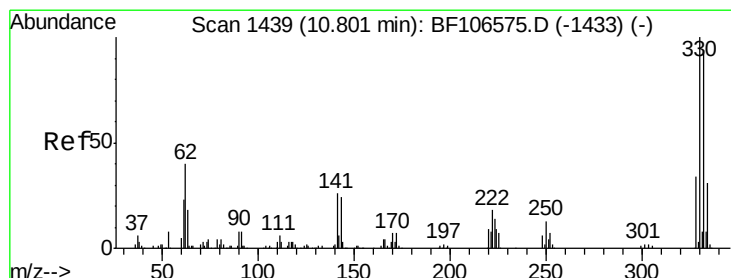
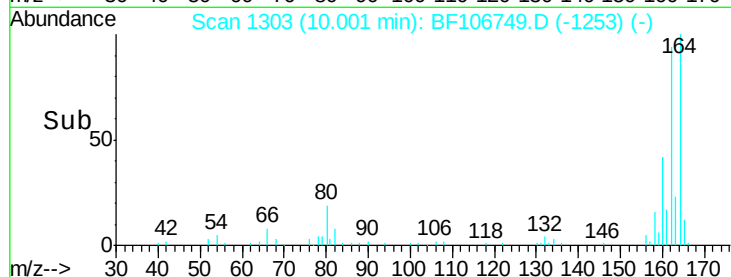
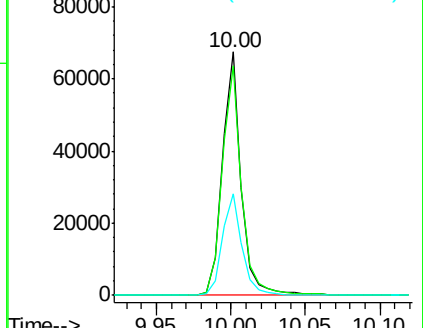
160 41.8 38.3 57.5



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: 6.341 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

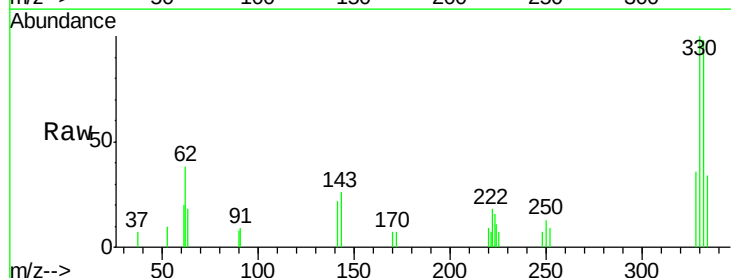
Tgt Ion:330 Resp: 4405

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

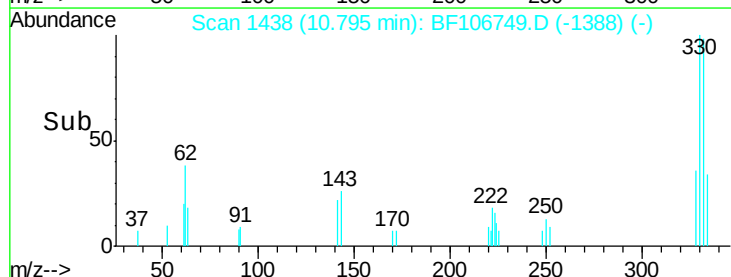
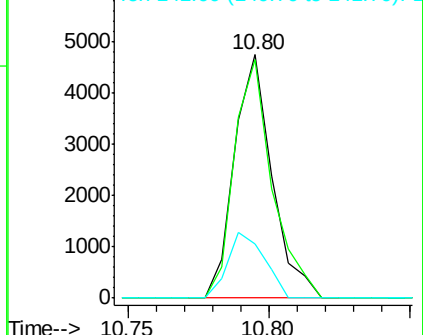
141 26.3 29.9 44.9#

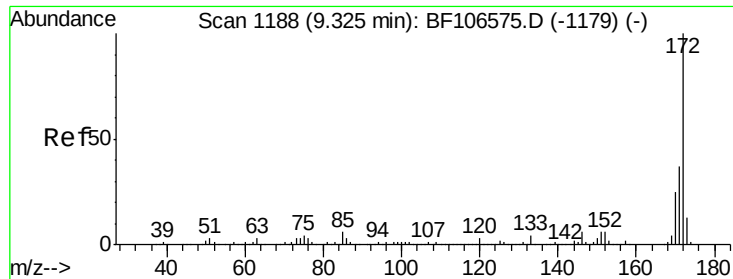


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

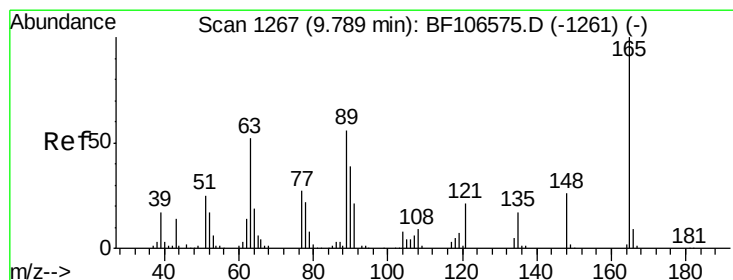
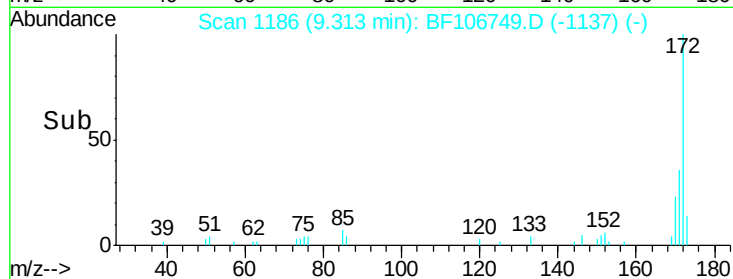
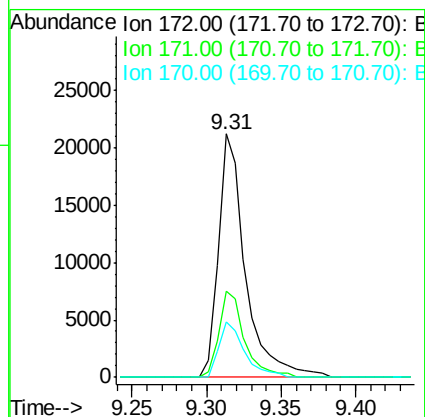
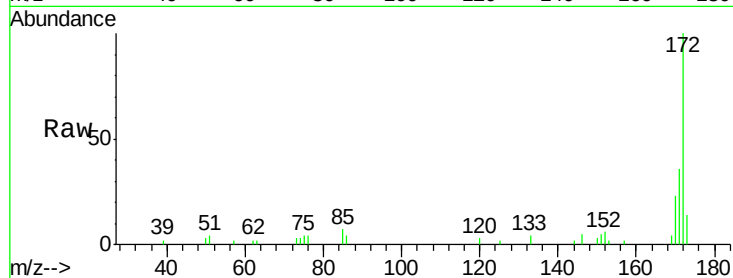




#44
 2-Fluorobiphenyl
 Concen: -8.689 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

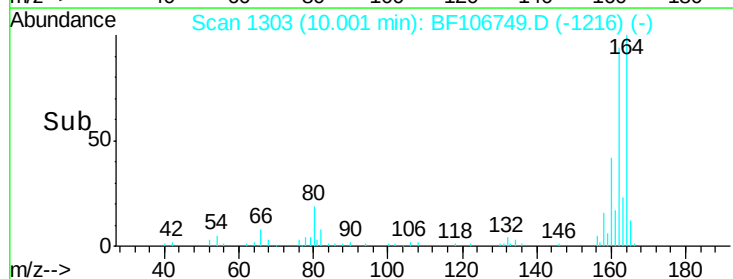
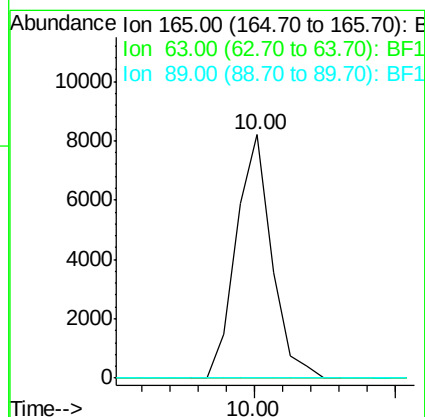
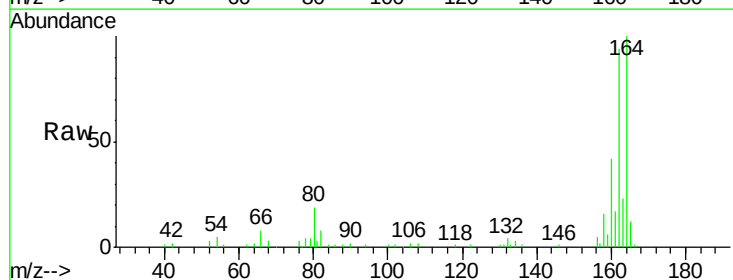
Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-01

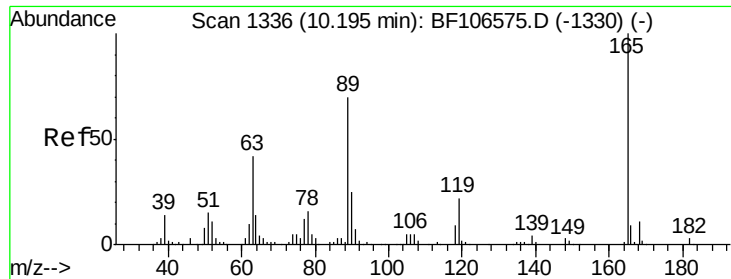
Tgt Ion:172 Resp: 26807
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 22.9 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.520 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Tgt Ion:165 Resp: 7158
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

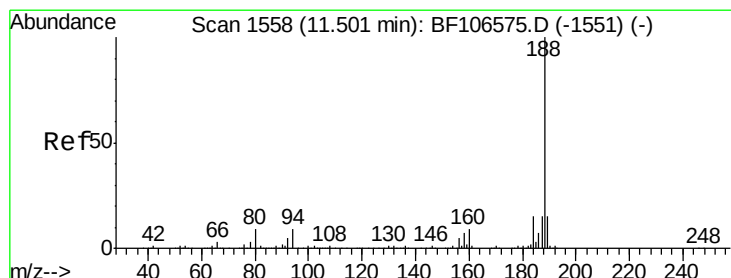
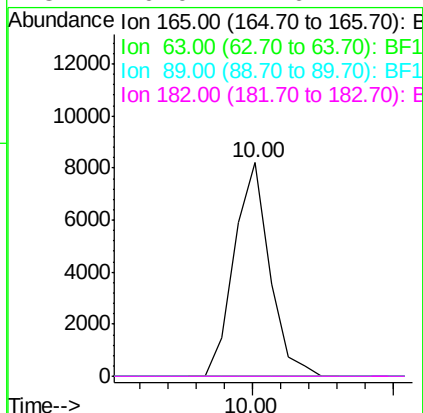
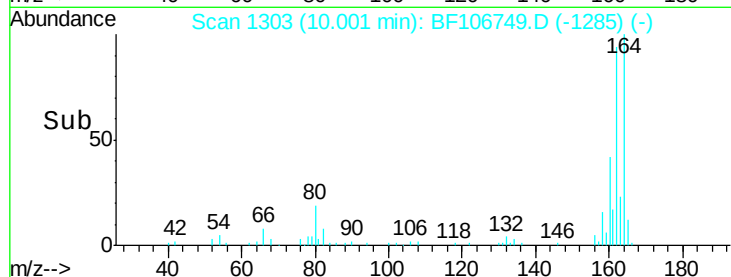
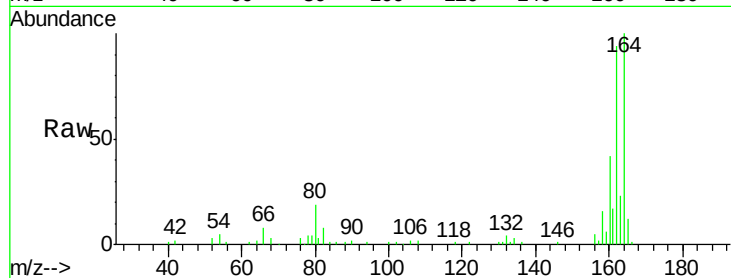




#56
 2,4-Dinitrotoluene
 Concen: 5.761 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

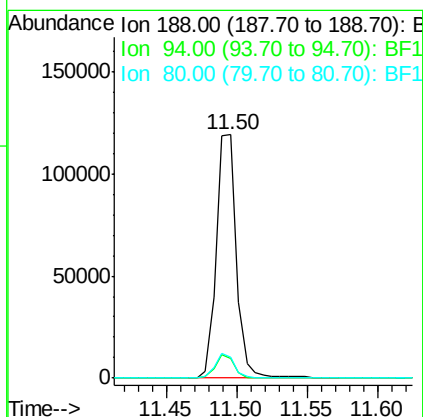
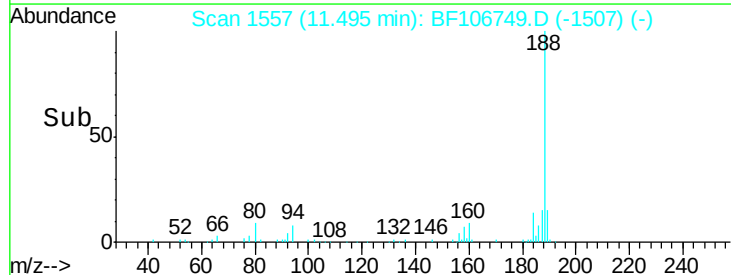
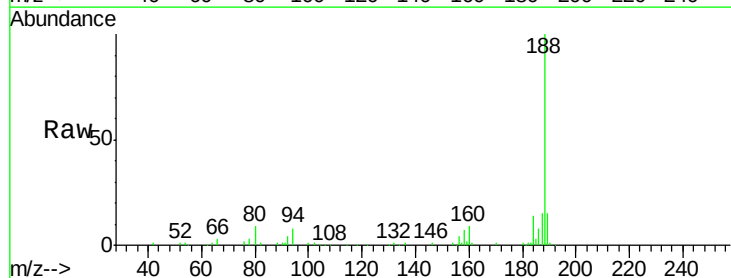
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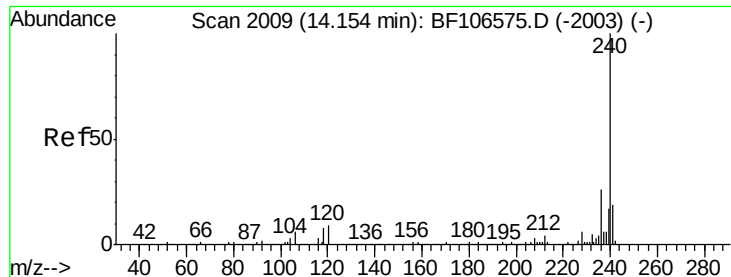
Tgt Ion:	165	Resp:	7158
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106749.D
 Acq: 23 Jun 2018 9:57

Tgt Ion:	188	Resp:	117911
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.6	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-01

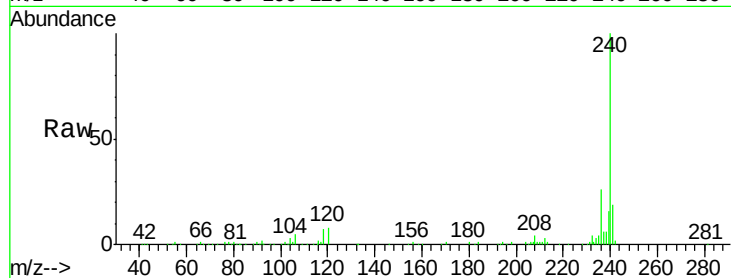
Tgt Ion:240 Resp: 136303

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

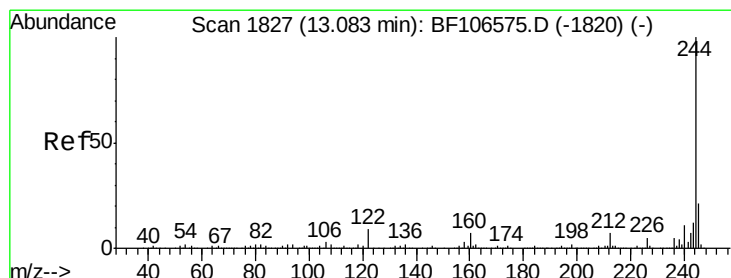
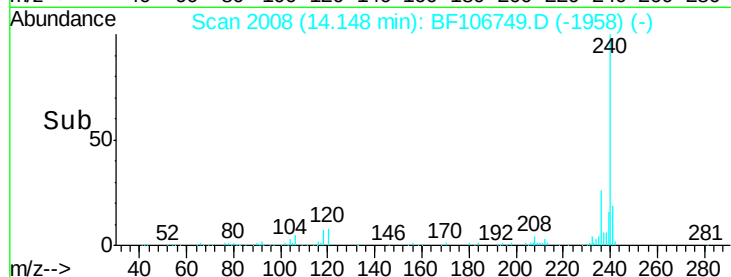
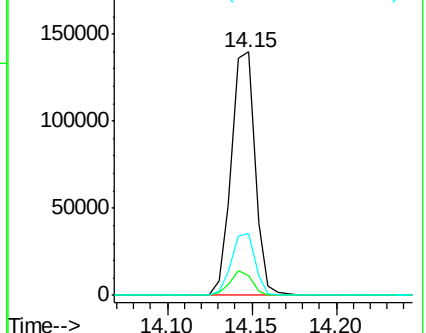
236 25.6 20.7 31.1



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: 6.364 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106749.D

Acq: 23 Jun 2018 9:57

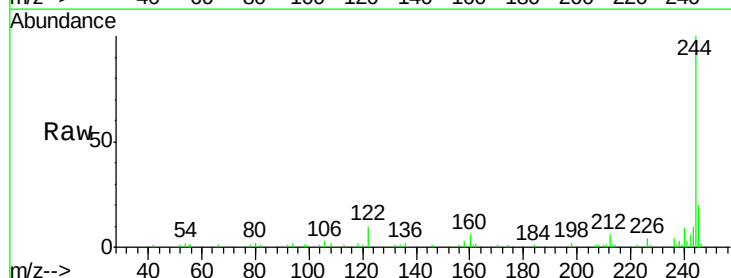
Tgt Ion:244 Resp: 35811

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

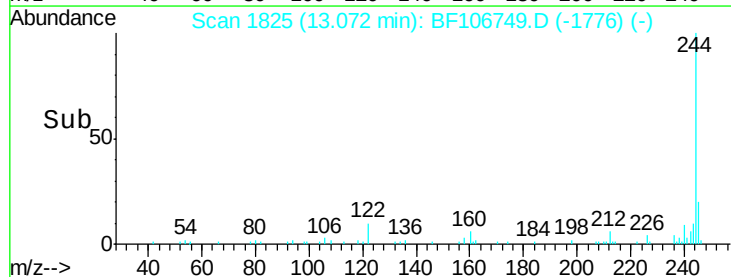
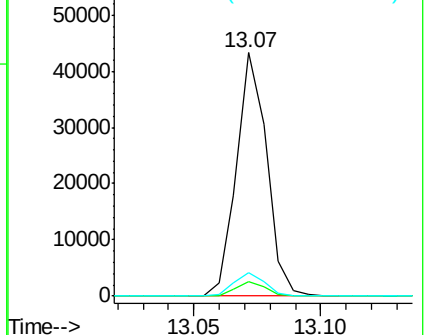
122 9.7 11.0 16.4#

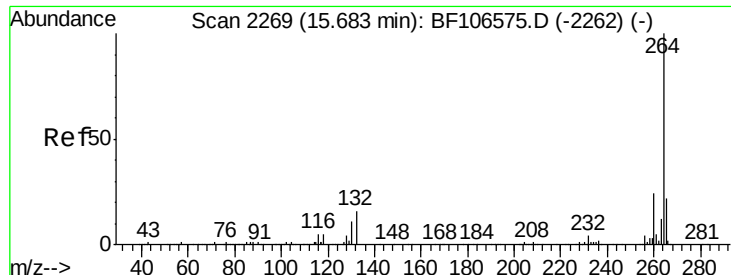


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

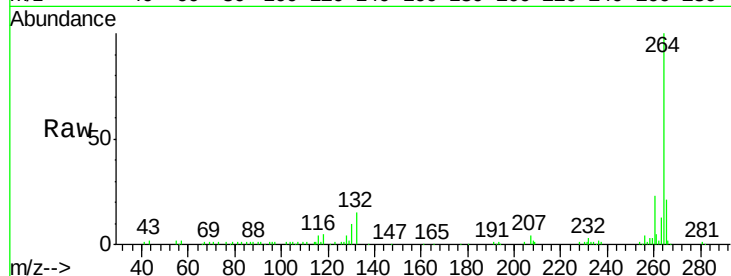




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF106749.D
Acq: 23 Jun 2018 9:57

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	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

