

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107607.D
 Acq On : 24 Jul 2018 00:43
 Operator : JU/SJ
 Sample : J4103-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-08

Quant Time: Jul 24 03:24:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

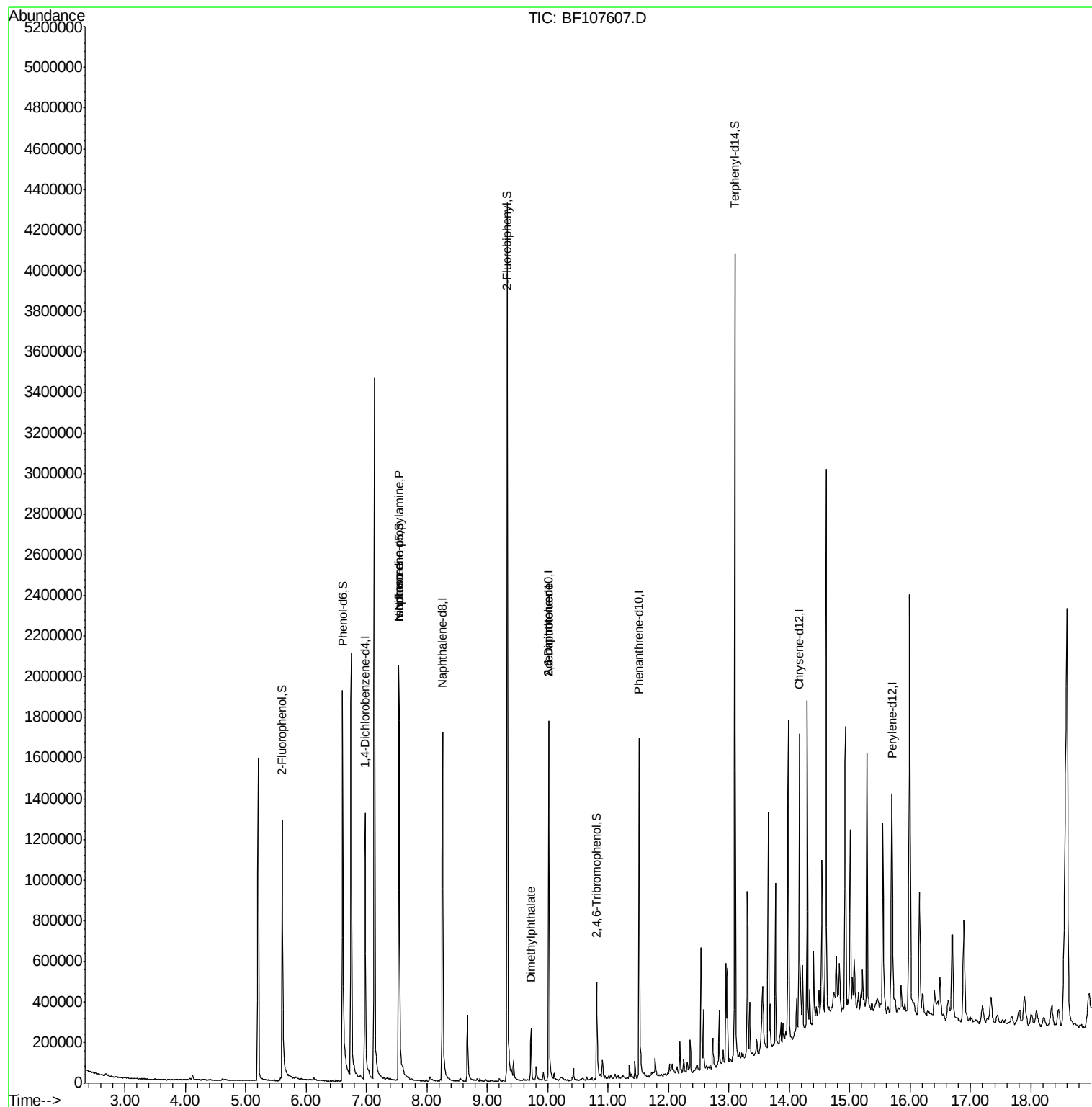
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	249557	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	916543	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	352875	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	673891	20.00	ng	0.00
75) Chrysene-d12	14.17	240	518453	20.00	ng	0.00
86) Perylene-d12	15.71	264	409851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	459011	29.57	ng	0.00
7) Phenol-d6	6.61	99	971335	52.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	841596	61.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	65772	16.39	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1522521	70.44	ng	0.00
78) Terphenyl-d14	13.10	244	1461753	72.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	457	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	104789	8.703 ng	#	81
25) Isophorone	7.54	82	841591	29.023 ng	#	64
49) Dimethylphthalate	9.72	163	116111	4.366 ng	#	98
50) 2,6-Dinitrotoluene	10.02	165	44445	8.417 ng	#	25
56) 2,4-Dinitrotoluene	10.02	165	44631	7.002 ng	#	23
73) Di-n-butylphthalate	12.06	149	27725	Below Cal		99
81) 3,3'-Dichlorobenzidine	14.12	252	1272	Below Cal	#	79

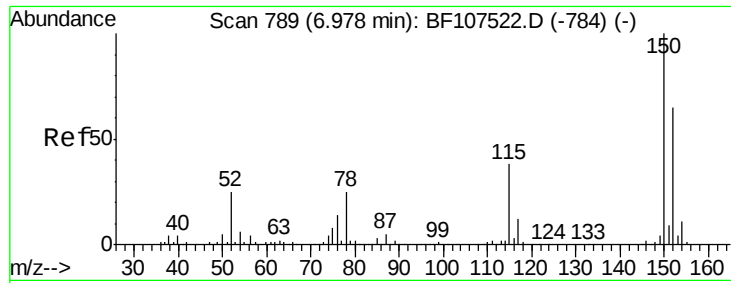
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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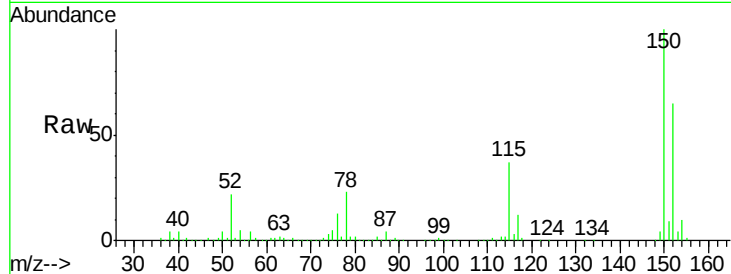


#1

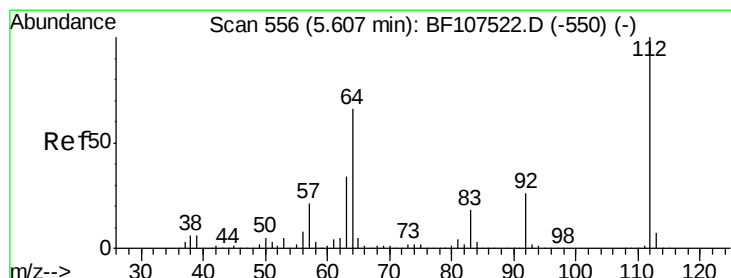
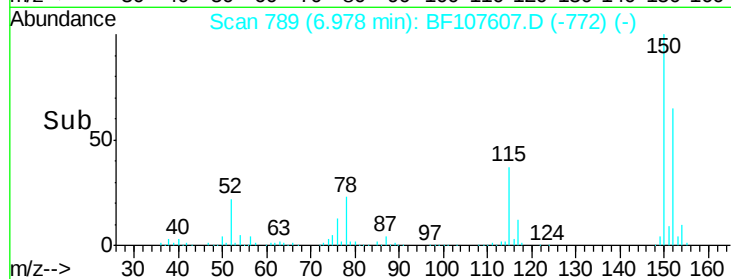
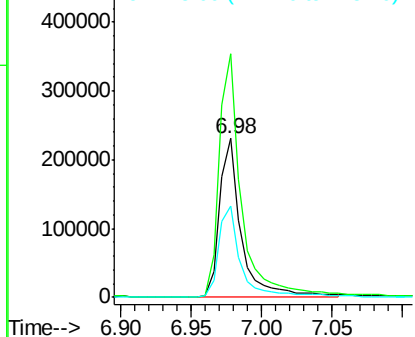
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-08

Tgt Ion:152 Resp: 249557
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 57.5 50.1 75.1



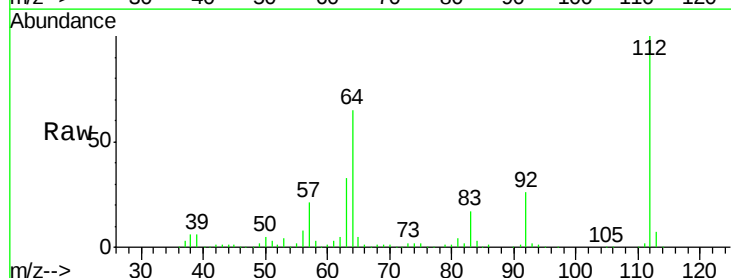
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



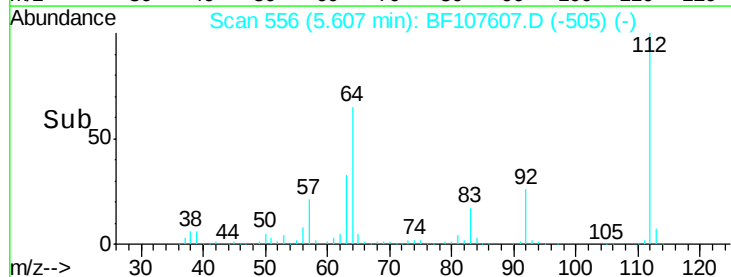
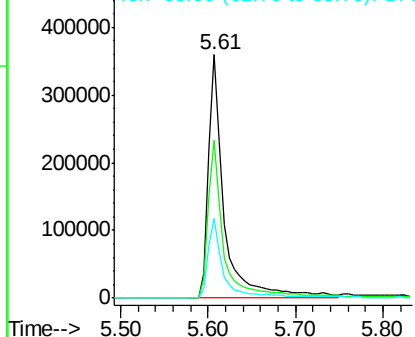
#5

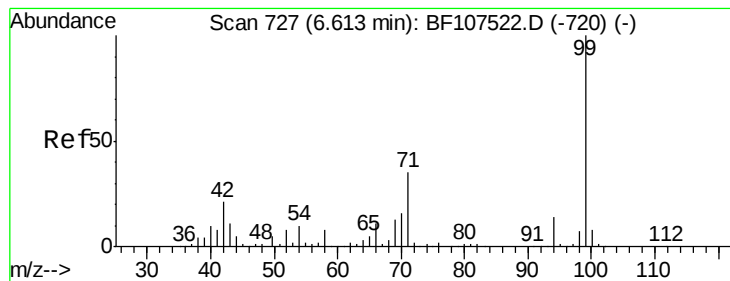
2-Fluorophenol
Concen: 29.572 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Tgt Ion:112 Resp: 459011
Ion Ratio Lower Upper
112 100
64 65.1 47.9 71.9
63 33.0 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: 52.118 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

Instrument :

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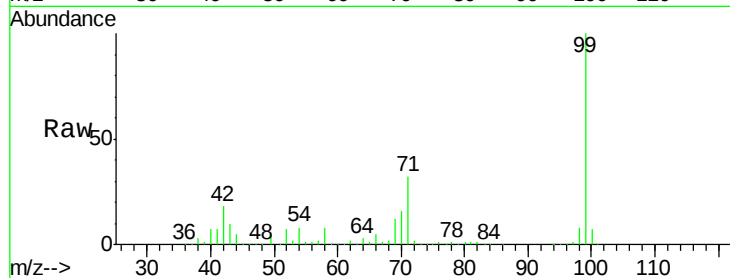
Tgt Ion: 99 Resp: 971335

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

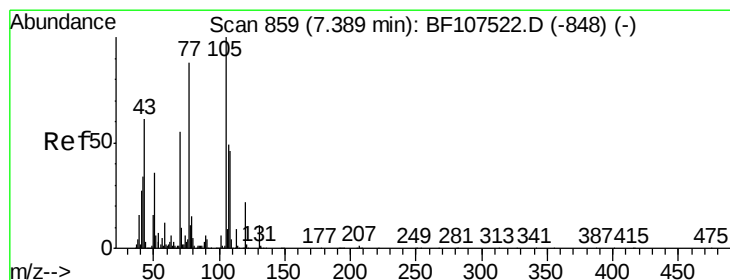
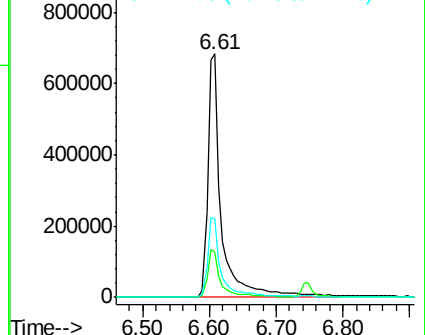
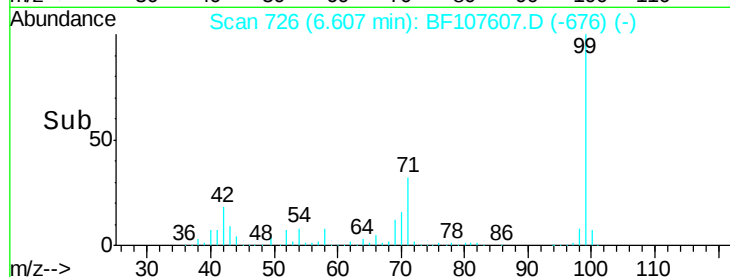
71 32.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.703 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

Tgt Ion: 70 Resp: 104789

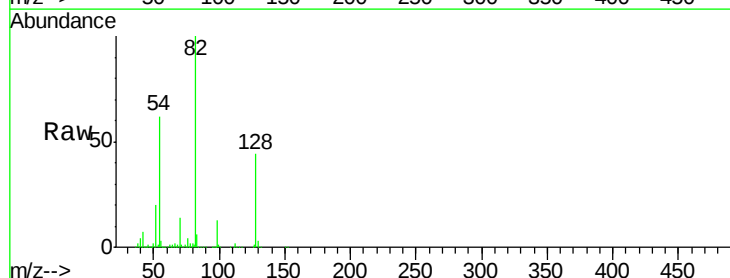
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

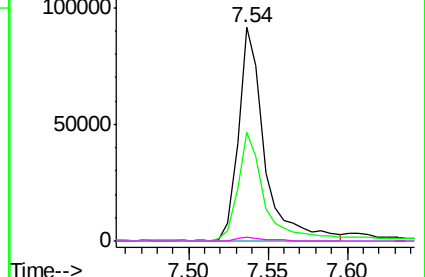
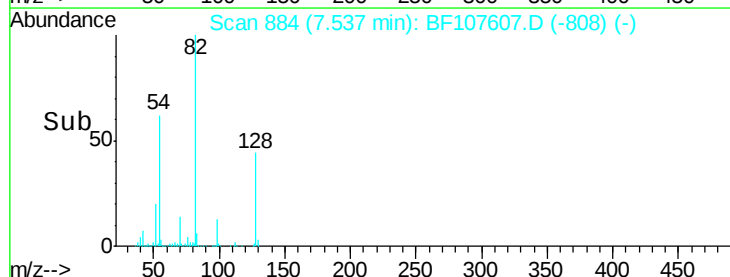


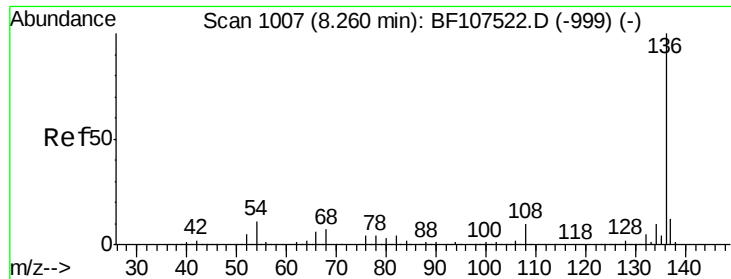
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

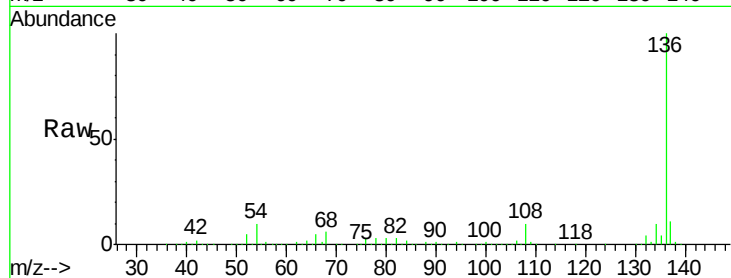




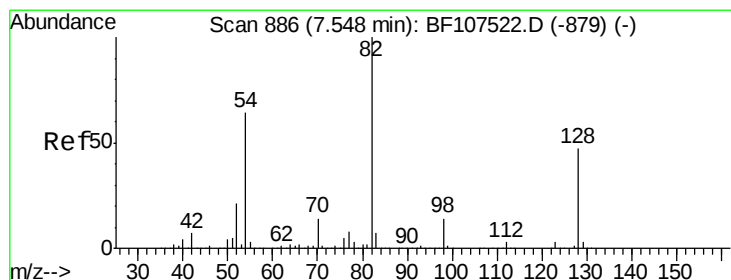
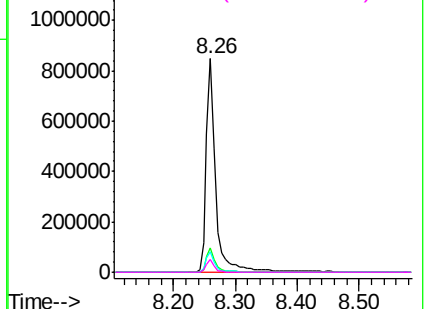
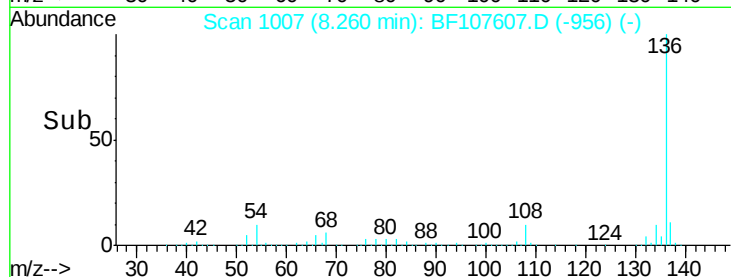
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-08

Tgt Ion: 136 Resp: 916543
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.7 6.6 9.8
68 6.1 5.0 7.4

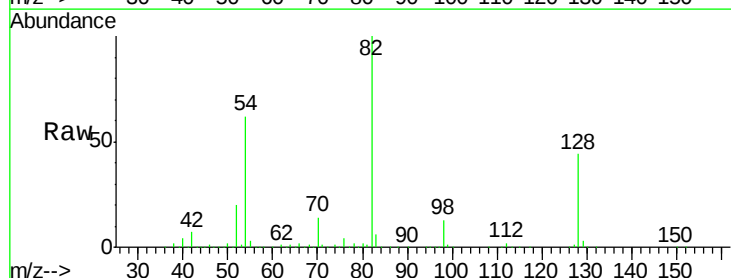


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

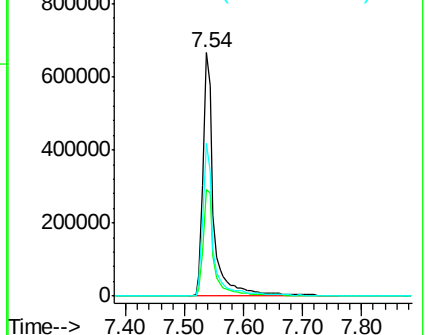
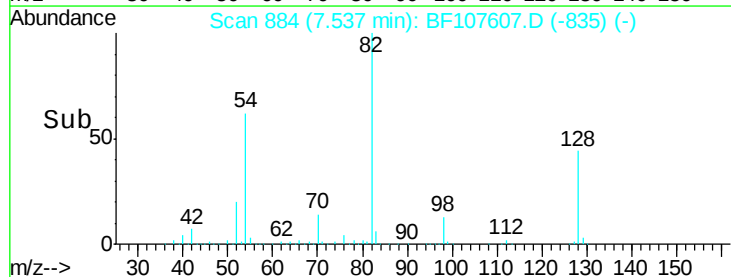


#23
Nitrobenzene-d5
Concen: 61.969 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Tgt Ion: 82 Resp: 841596
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 62.5 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: 29.023 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-08

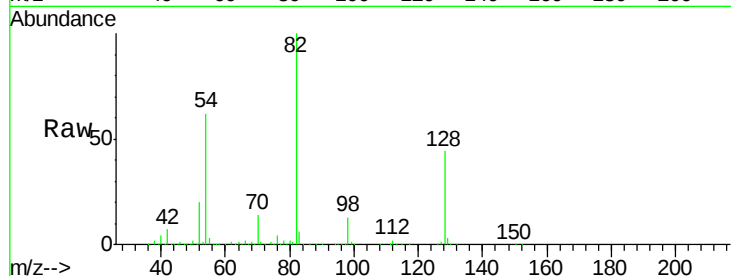
Tgt Ion: 82 Resp: 841591

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

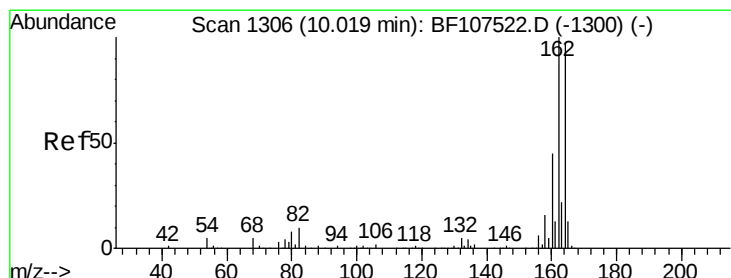
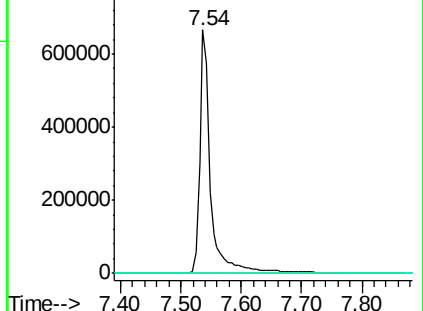
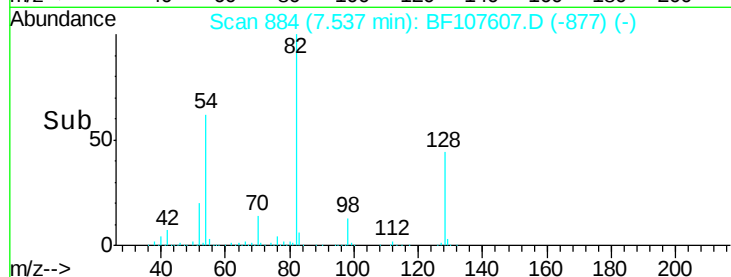
138 0.0 14.9 22.3#



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: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

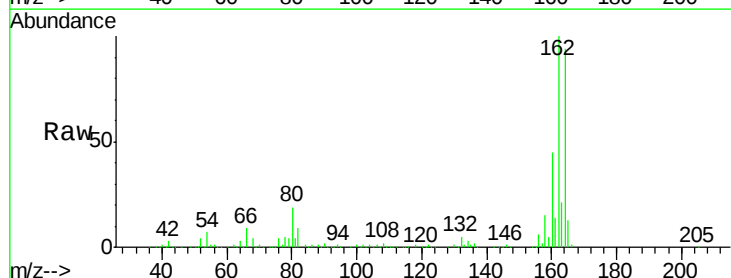
Tgt Ion: 164 Resp: 352875

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

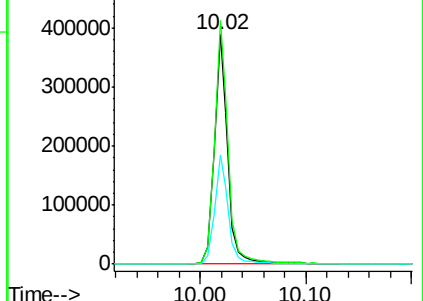
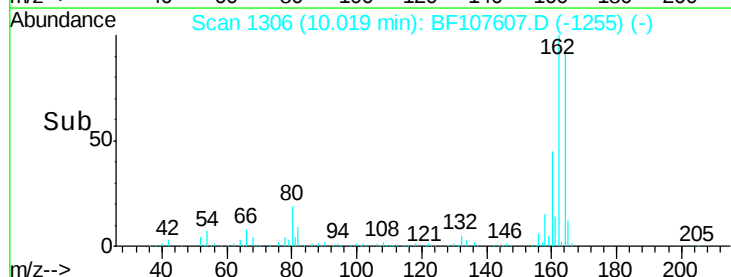
160 47.8 38.3 57.5

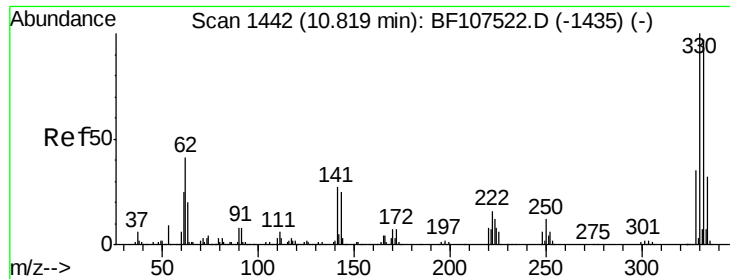


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

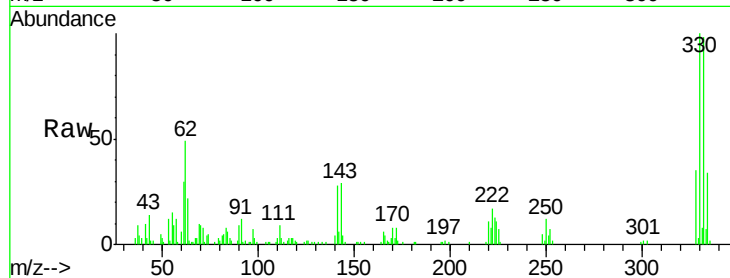




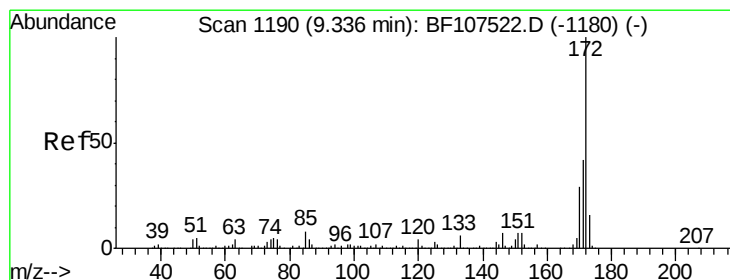
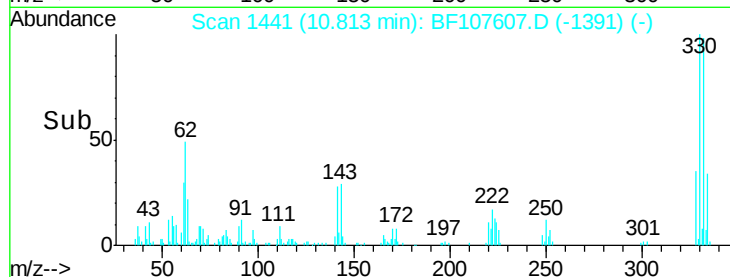
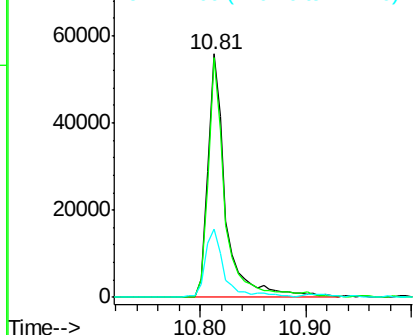
#41
 2,4,6-Tribromophenol
 Concen: 16.391 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107607.D
 Acq: 24 Jul 2018 00:43

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Tgt Ion:330 Resp: 65772
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 30.1 29.9 44.9

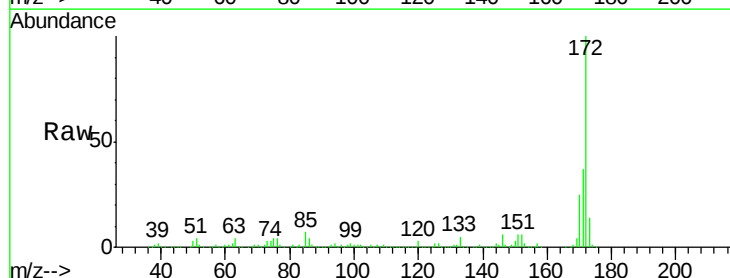


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

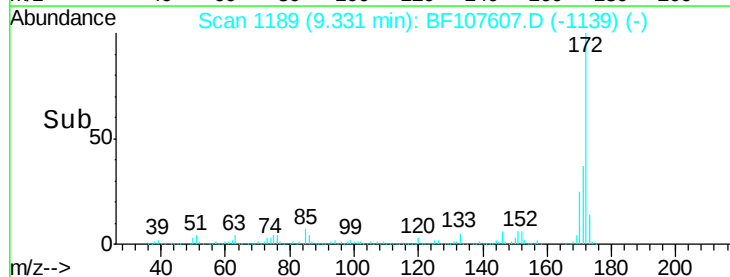
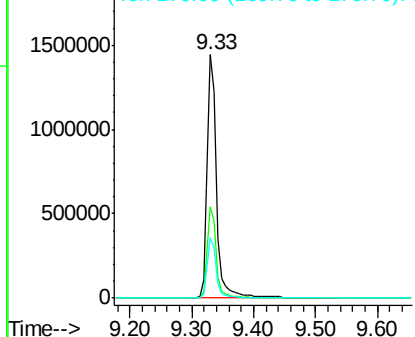


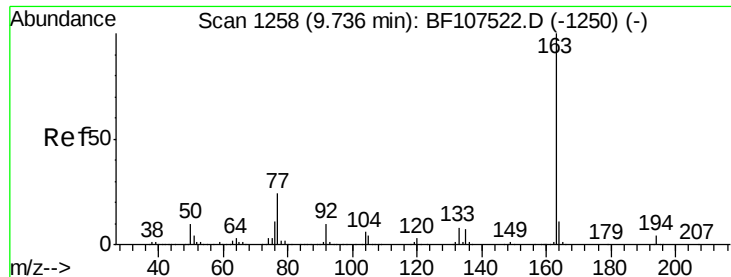
#44
 2-Fluorobiphenyl
 Concen: 70.439 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107607.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:172 Resp: 1522521
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 24.8 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

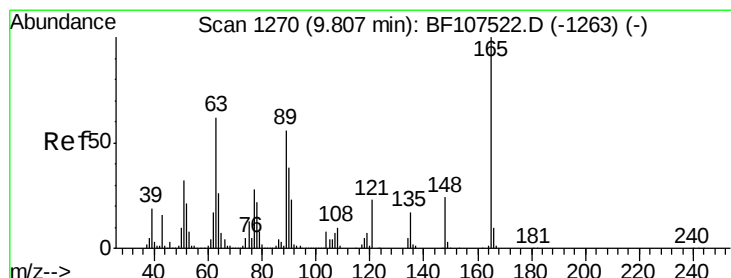
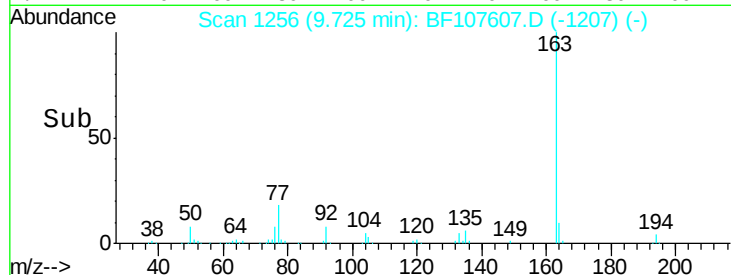
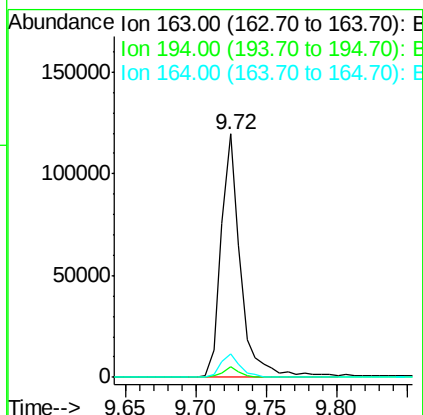
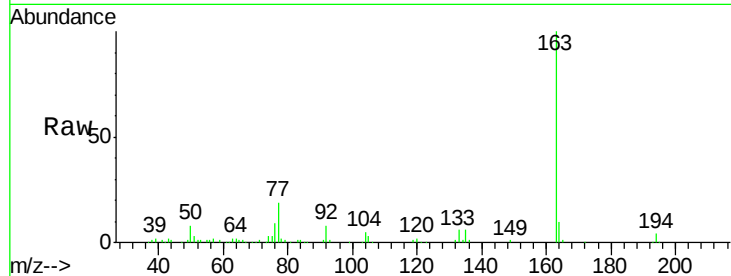




#49
 Dimethylphthalate
 Concen: 4.366 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF107607.D
 Acq: 24 Jul 2018 00:43

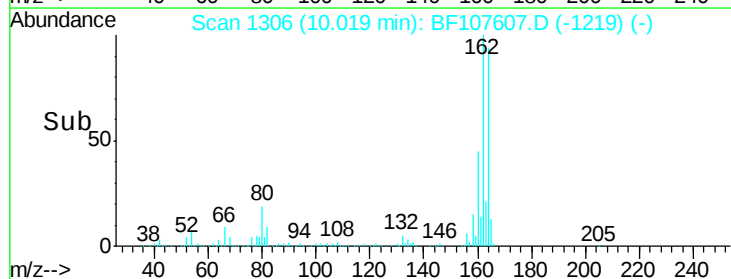
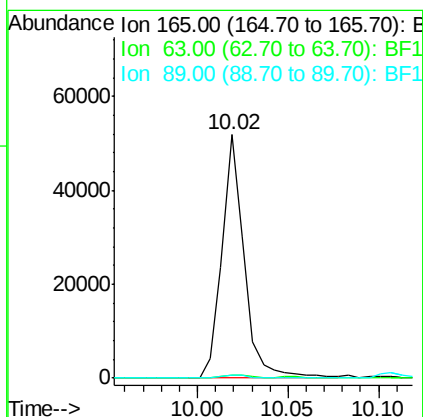
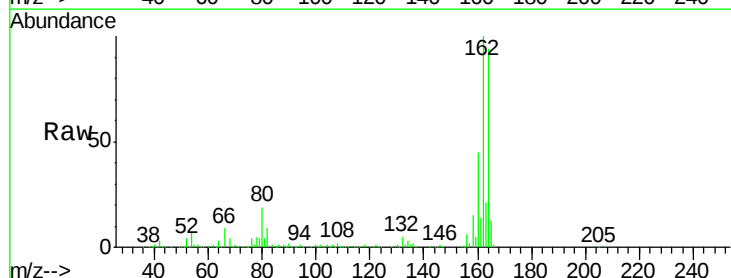
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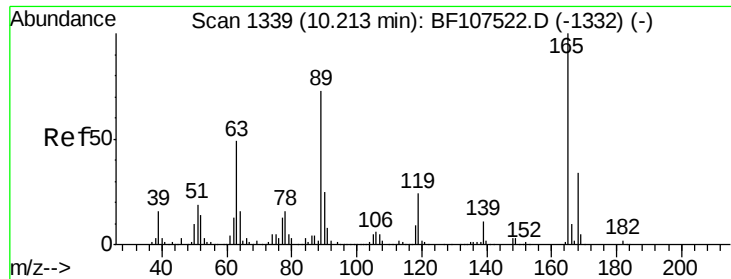
Tgt Ion:163 Resp: 116111
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 9.6 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.417 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.21 min
 Lab File: BF107607.D
 Acq: 24 Jul 2018 00:43

Tgt Ion:165 Resp: 44445
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.3 44.0 66.0#

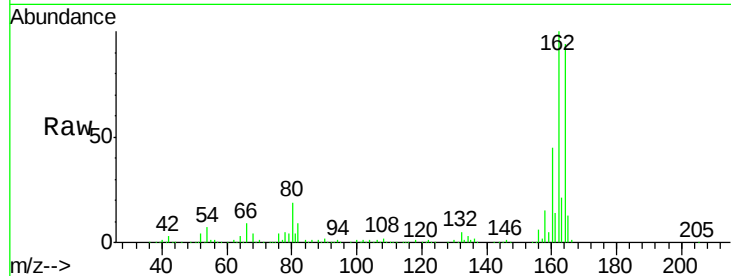




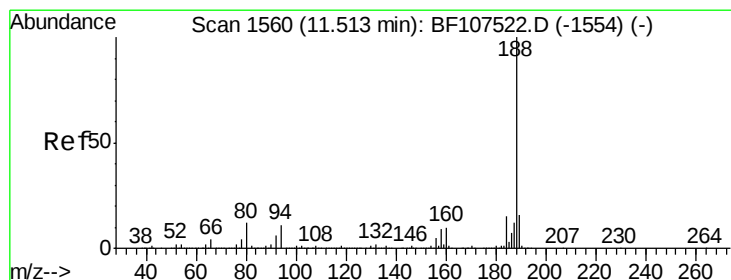
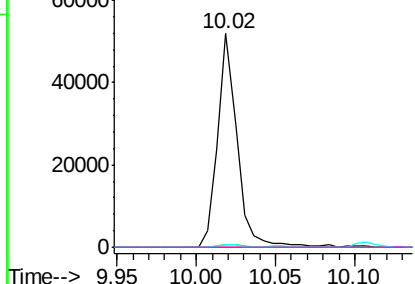
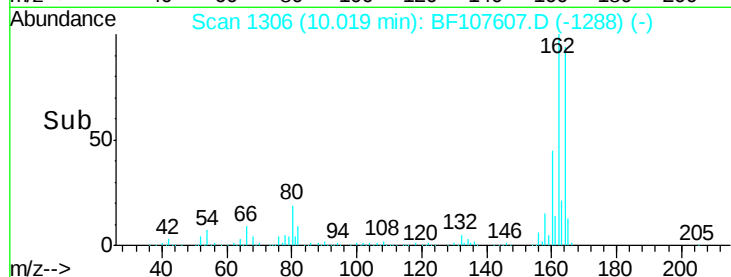
#56
2,4-Dinitrotoluene
Concen: 7.002 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-08

Tgt Ion:165 Resp: 44631
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

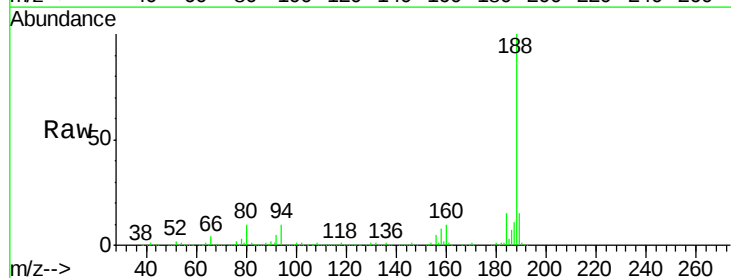


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

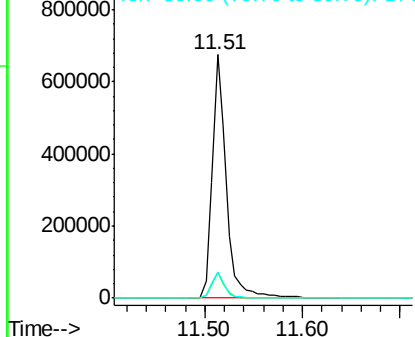
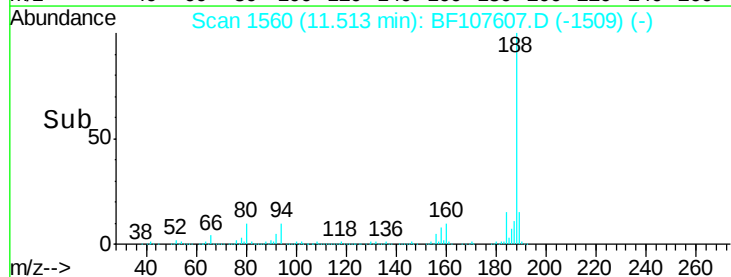


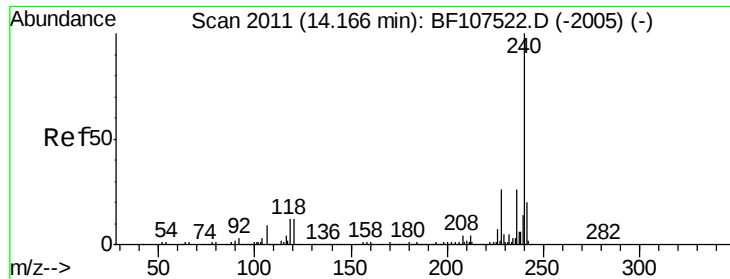
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Tgt Ion:188 Resp: 673891
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.5 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: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-08

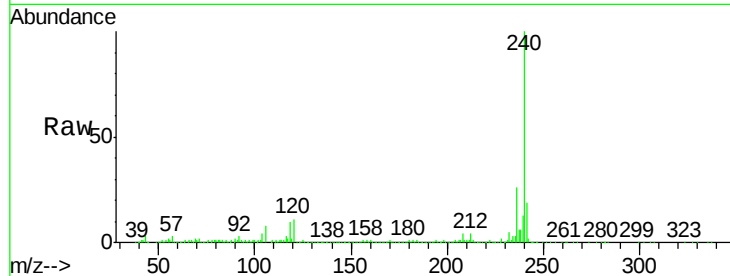
Tgt Ion:240 Resp: 518453

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

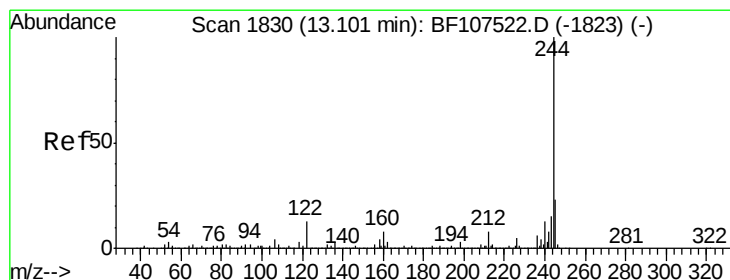
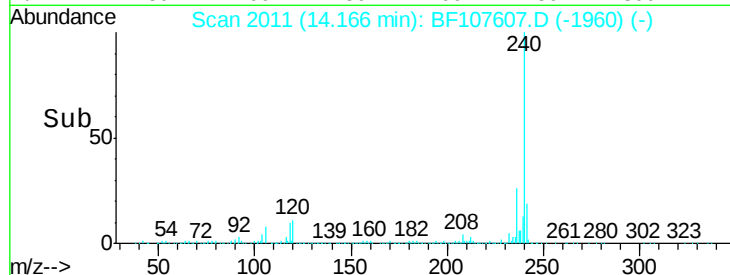
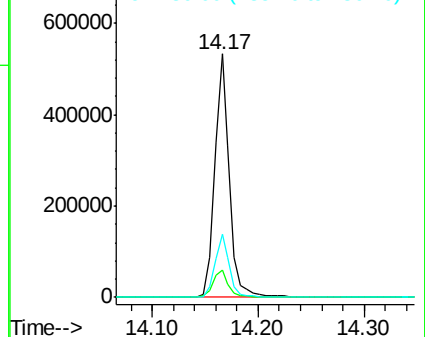
236 26.1 20.7 31.1



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: 72.181 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107607.D

Acq: 24 Jul 2018 00:43

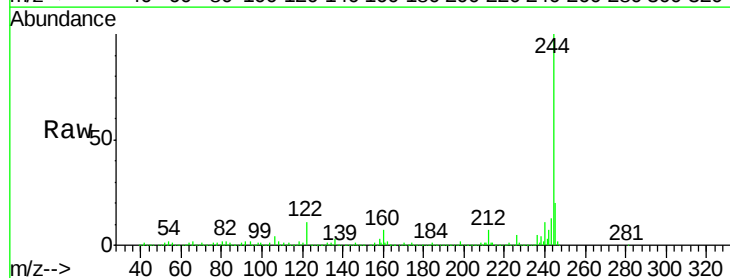
Tgt Ion:244 Resp: 1461753

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

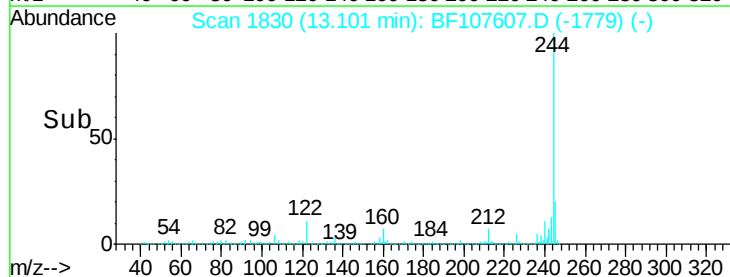
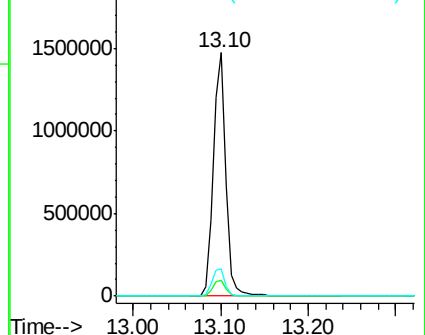
122 11.3 11.0 16.4

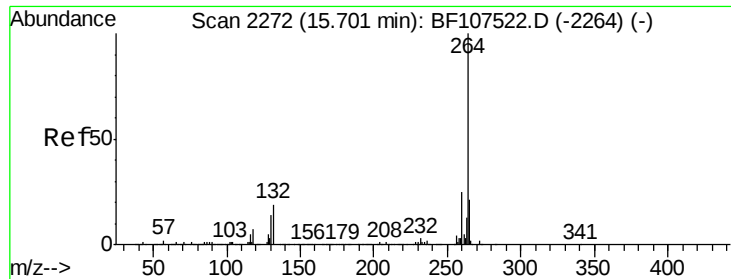


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

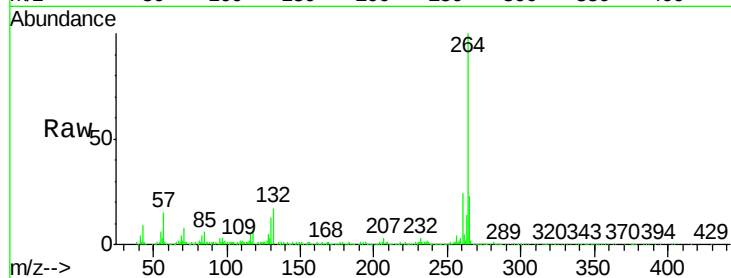




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107607.D
Acq: 24 Jul 2018 00:43

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.0	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

