

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107608.D
 Acq On : 24 Jul 2018 1:10
 Operator : JU/SJ
 Sample : J4103-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DPC-81753-FB-10

Quant Time: Jul 24 03:24:33 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

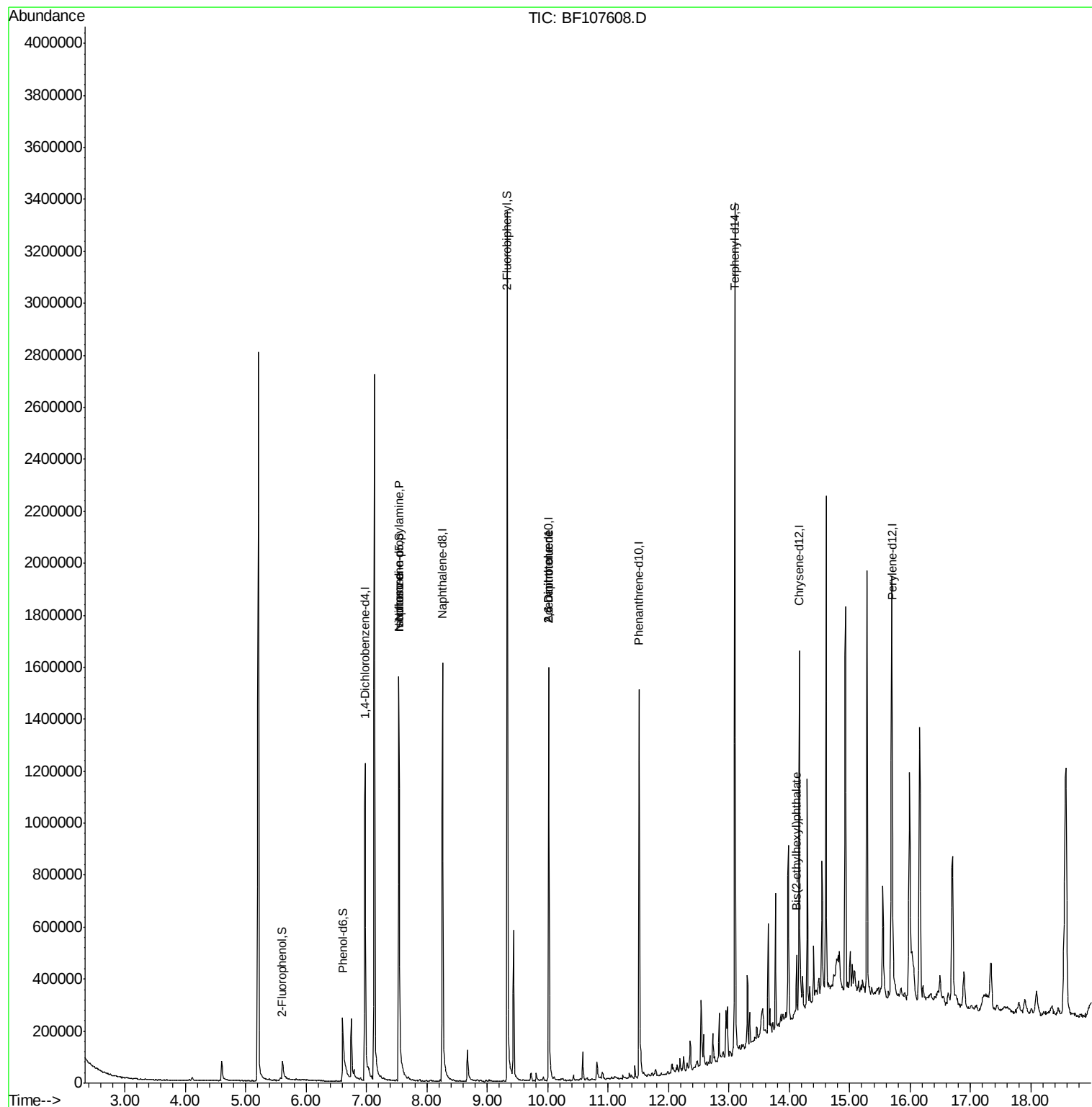
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	236056	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	858160	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	325100	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	641695	20.00	ng	0.00
75) Chrysene-d12	14.17	240	497848	20.00	ng	0.00
86) Perylene-d12	15.71	264	371189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	45229	3.08	ng	0.00
7) Phenol-d6	6.61	99	187450	10.63	ng	0.00
23) Nitrobenzene-d5	7.54	82	611511	48.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	6052	1.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1174735	56.05	ng	0.00
78) Terphenyl-d14	13.10	244	1205382	61.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	122	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	79407	6.972 ng	#	82
25) Isophorone	7.54	82	611507	22.523 ng	#	64
50) 2,6-Dinitrotoluene	10.02	165	40866	8.401 ng	#	26
56) 2,4-Dinitrotoluene	10.02	165	40866	6.959 ng	#	23
73) Di-n-butylphthalate	12.06	149	18418	Below Cal		98
81) 3,3'-Dichlorobenzidine	14.11	252	302	Below Cal	#	22
83) Bis(2-ethylhexyl)phthalate	14.12	149	48455	2.345 ng		99

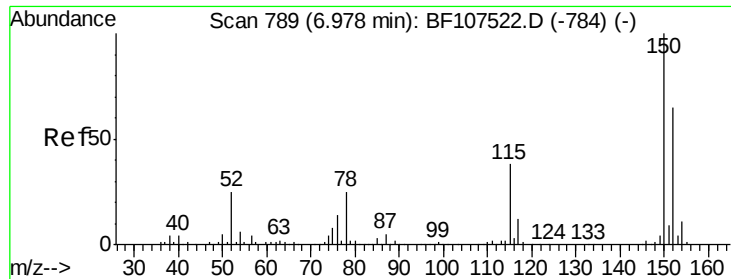
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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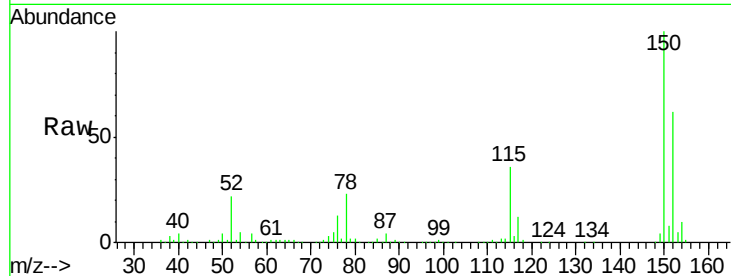


#1

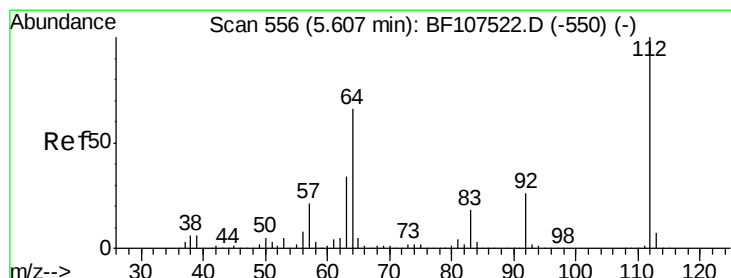
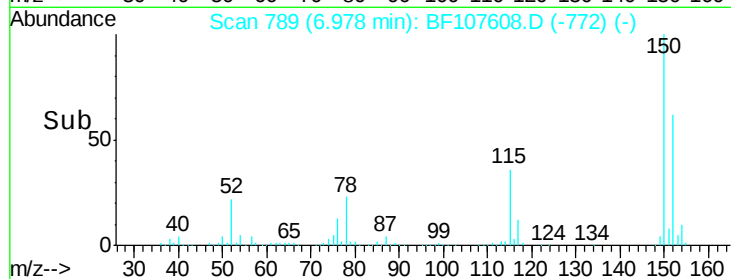
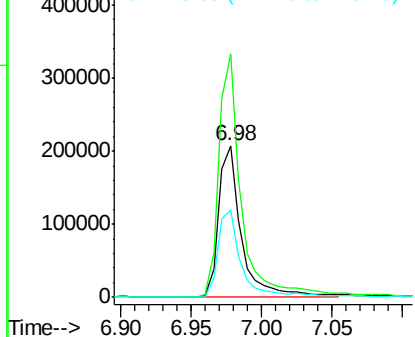
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-10

Tgt Ion:152 Resp: 236056
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 57.6 50.1 75.1



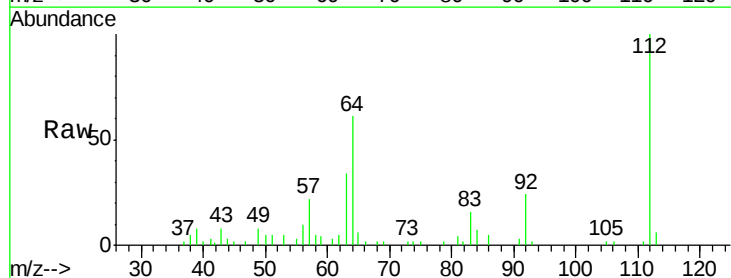
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



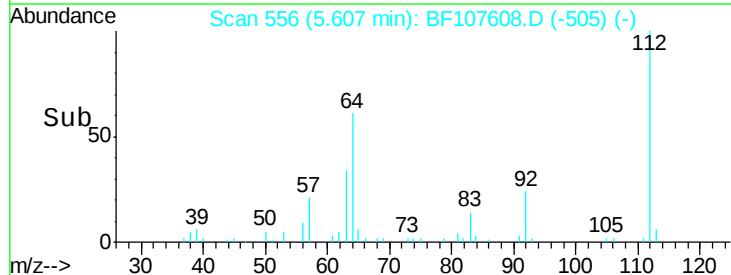
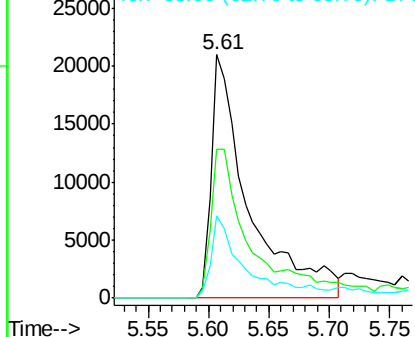
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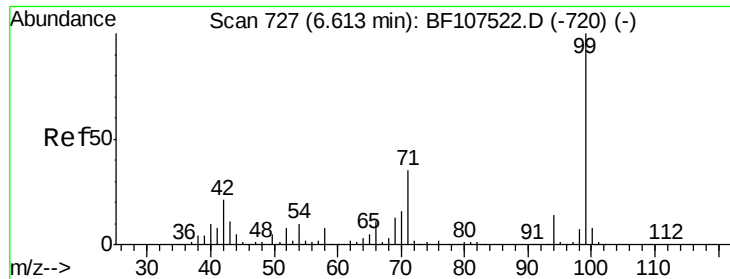
2-Fluorophenol
Concen: 3.081 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

Tgt Ion:112 Resp: 45229
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 33.8 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: 10.633 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-10

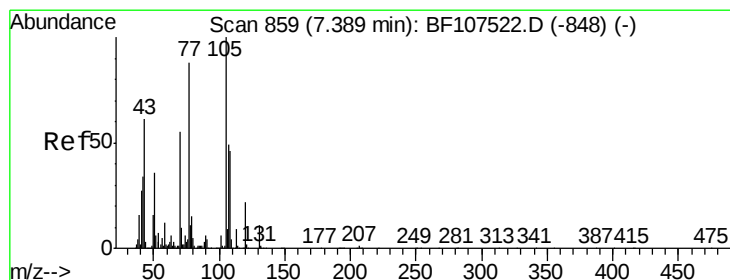
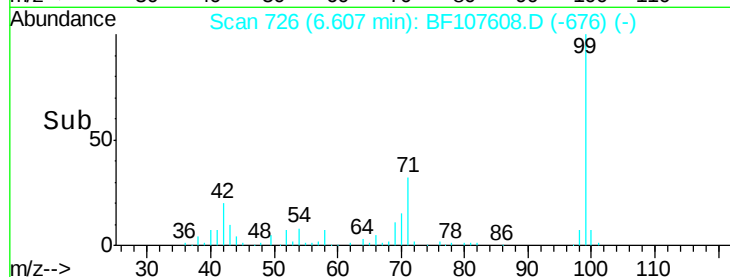
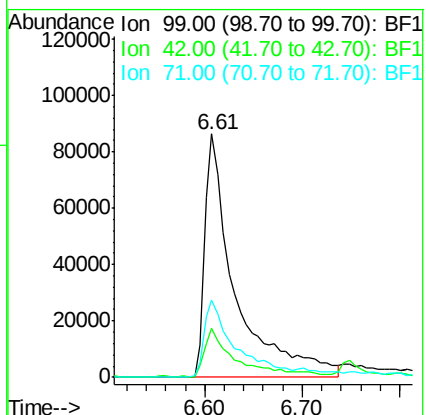
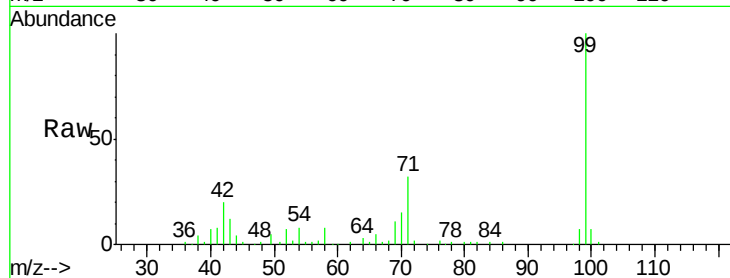
Tgt Ion: 99 Resp: 187450

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 6.972 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

Tgt Ion: 70 Resp: 79407

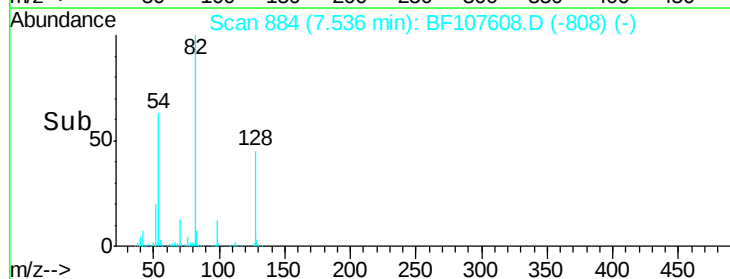
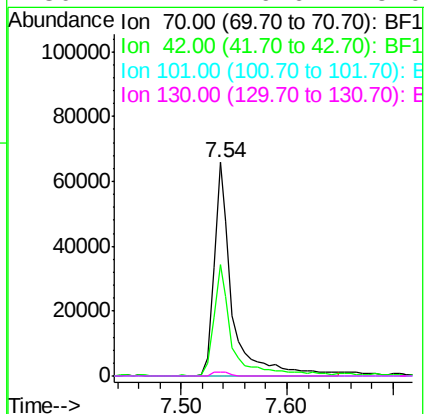
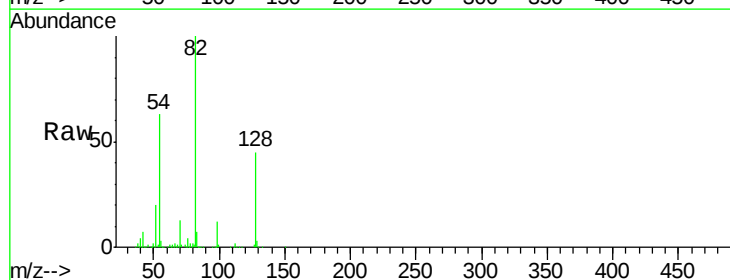
Ion Ratio Lower Upper

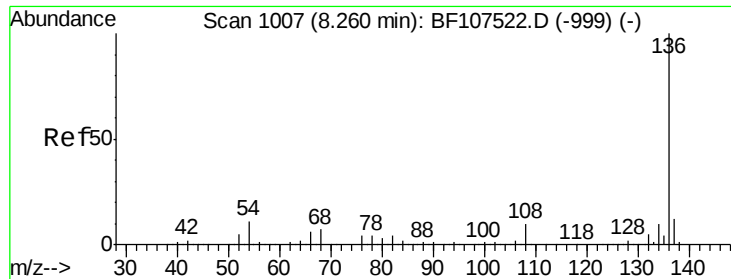
70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

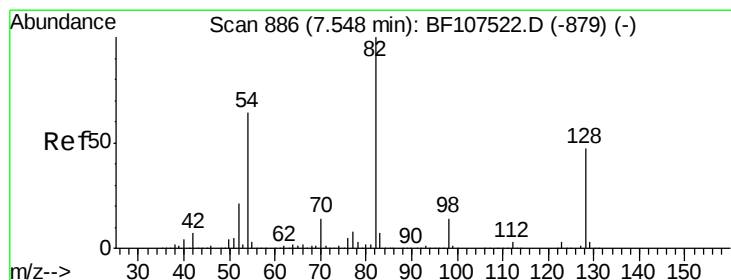
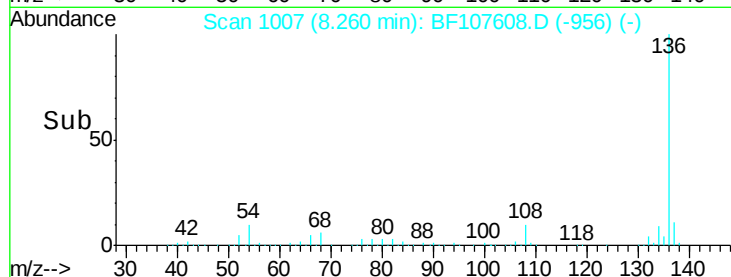
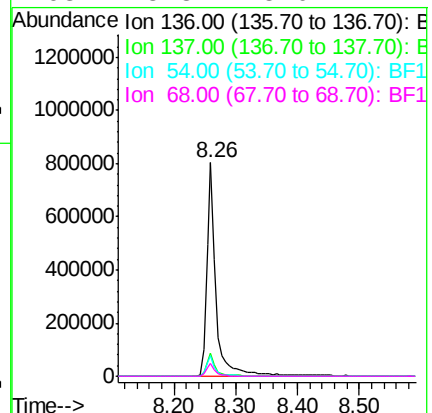
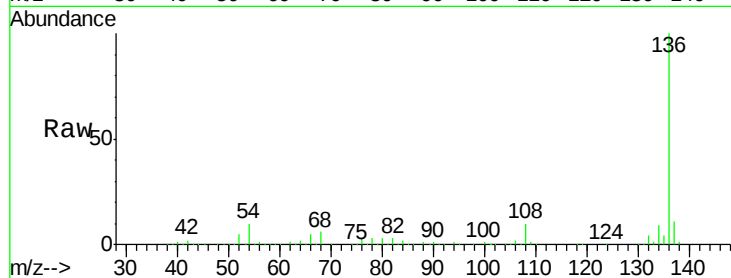




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

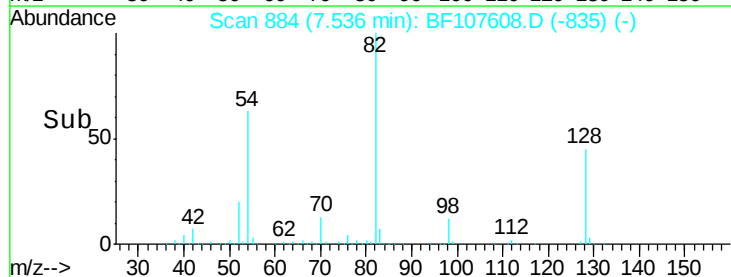
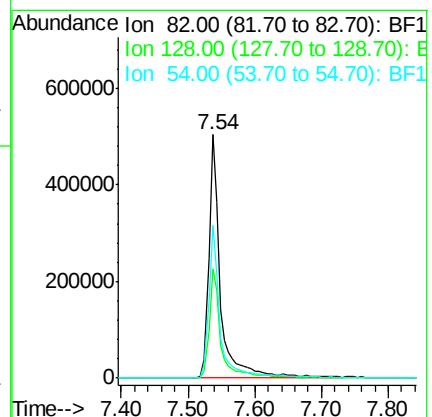
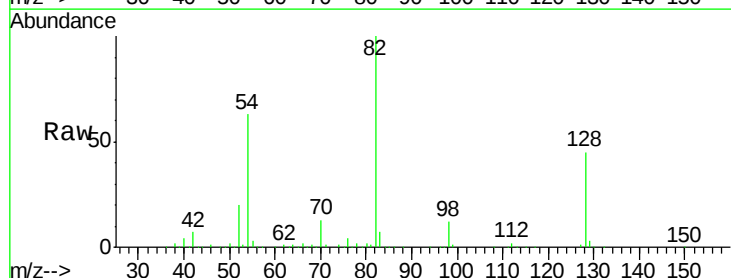
Instrument :
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DPC-81753-FB-10

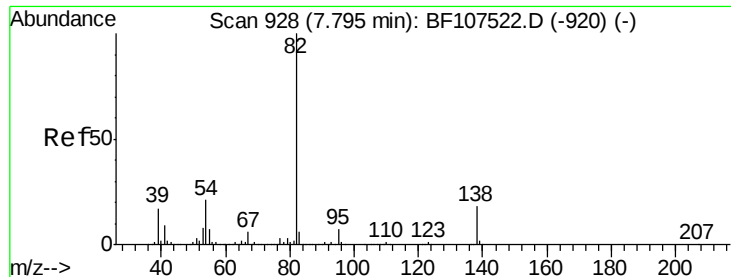
Tgt Ion:	136	Resp:	858160
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 48.091 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

Tgt Ion:	82	Resp:	611511
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	62.8	41.4	62.2#





#25

Isophorone

Concen: 22.523 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-10

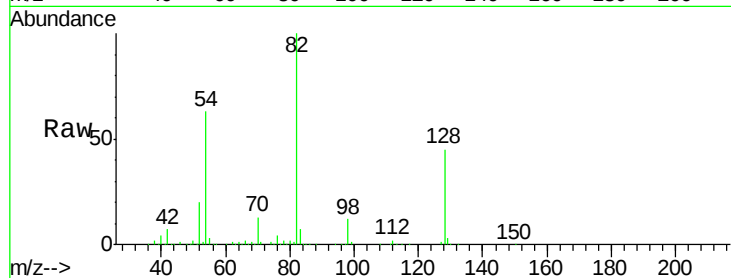
Tgt Ion: 82 Resp: 611507

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

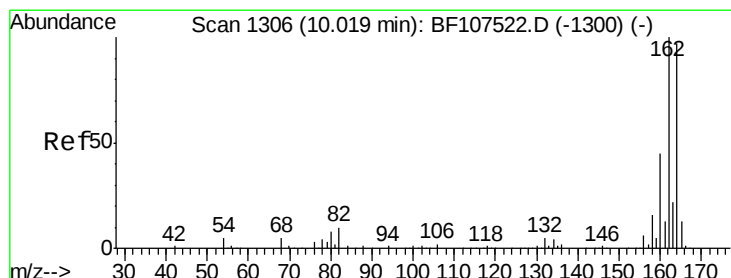
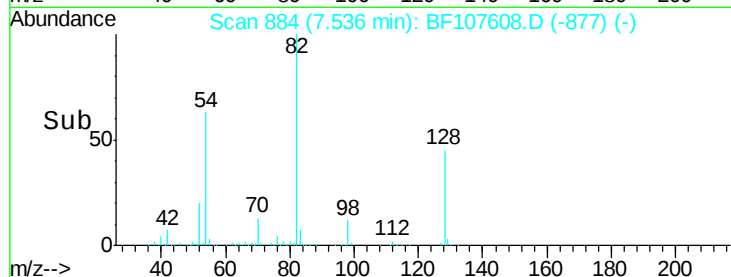
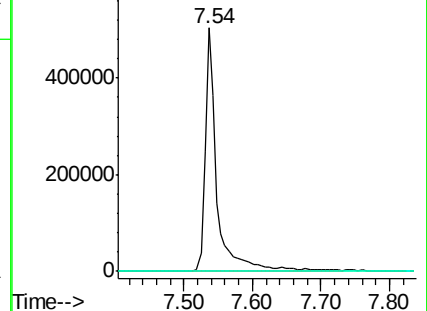
138 0.0 14.9 22.3#



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: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

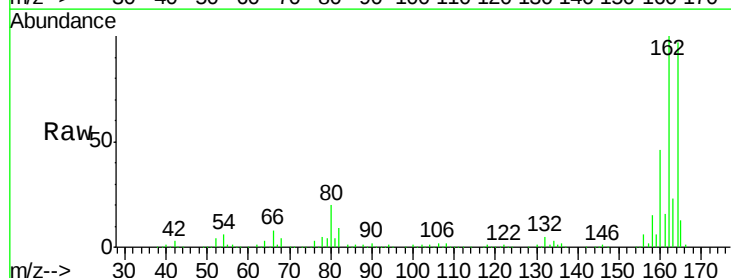
Tgt Ion: 164 Resp: 325100

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

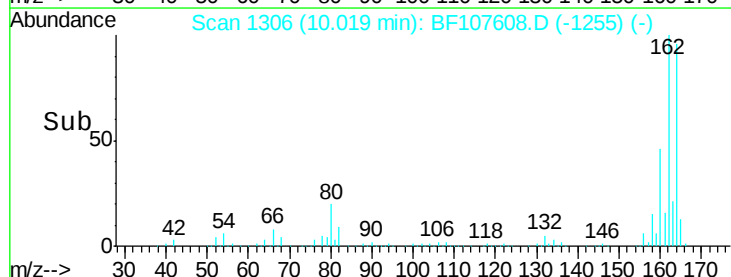
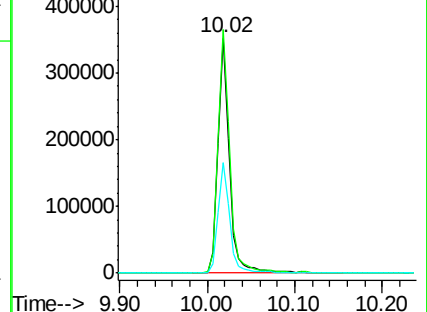
160 47.1 38.3 57.5

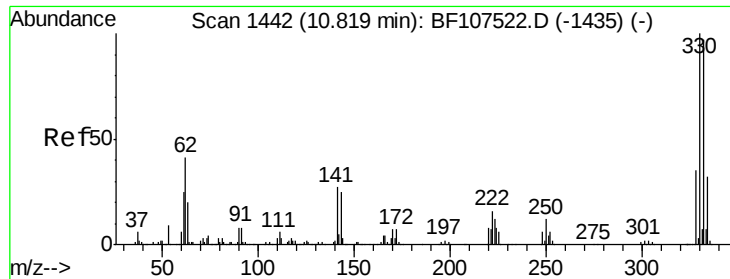


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

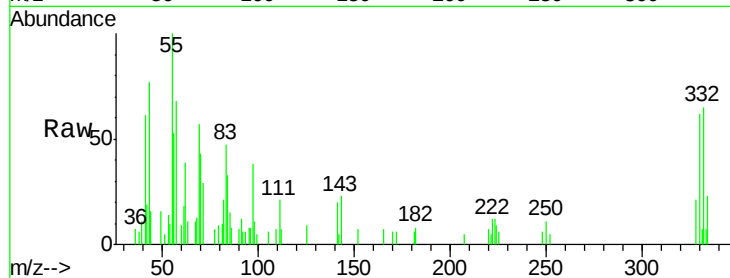




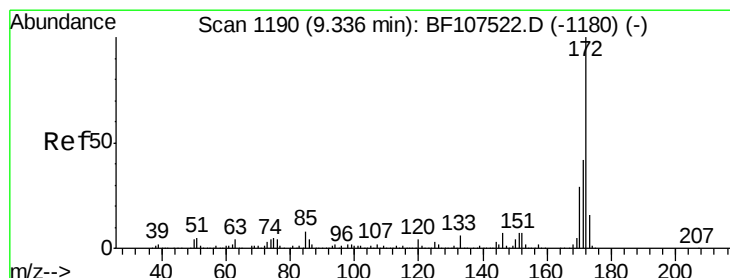
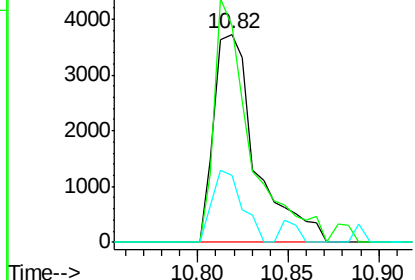
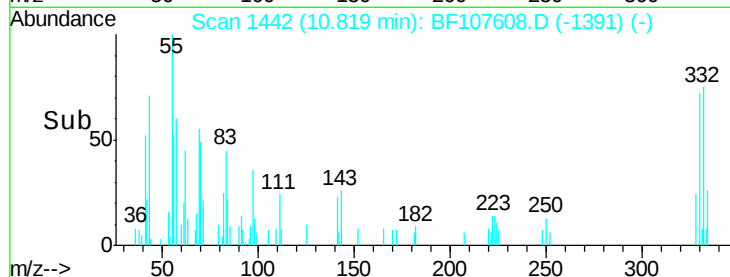
#41
 2,4,6-Tribromophenol
 Concen: 1.637 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF107608.D
 Acq: 24 Jul 2018 1:10

Instrument :
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Tgt Ion: 330 Resp: 6052
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 24.6 29.9 44.9#

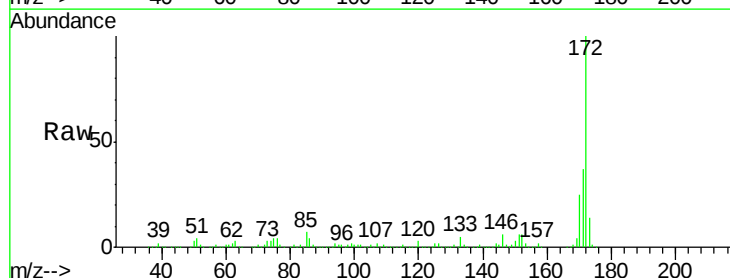


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

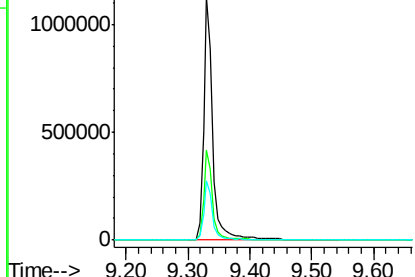
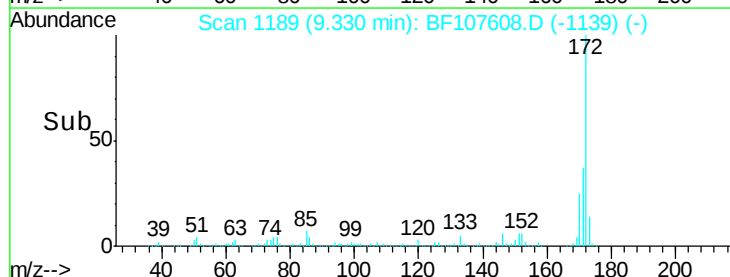


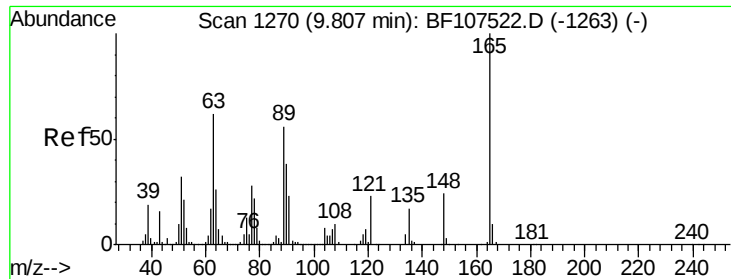
#44
 2-Fluorobiphenyl
 Concen: 56.049 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107608.D
 Acq: 24 Jul 2018 1:10

Tgt Ion: 172 Resp: 1174735
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.5 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

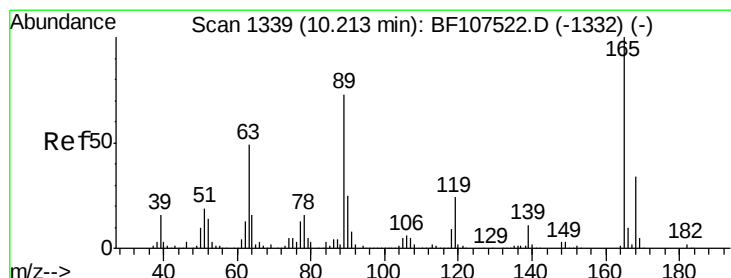
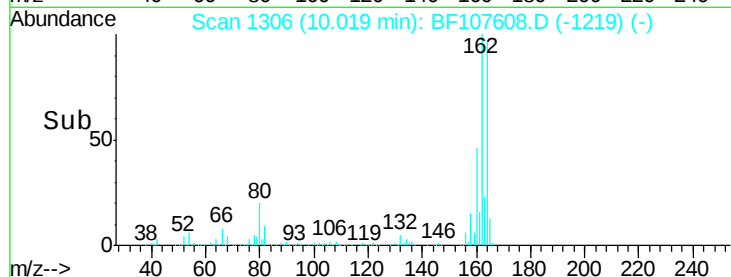
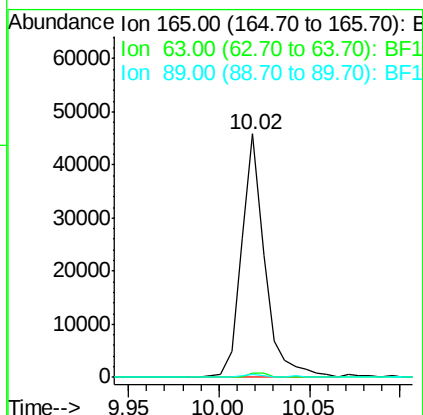
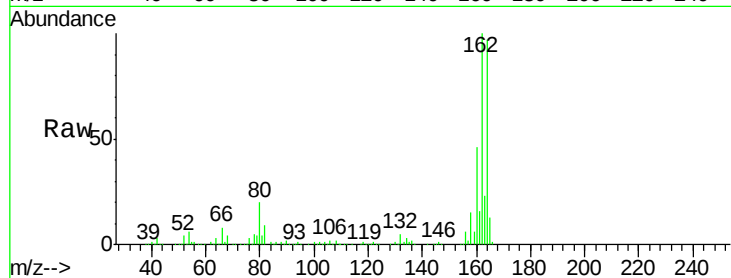




#50
 2,6-Dinitrotoluene
 Concen: 8.401 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.21 min
 Lab File: BF107608.D
 Acq: 24 Jul 2018 1:10

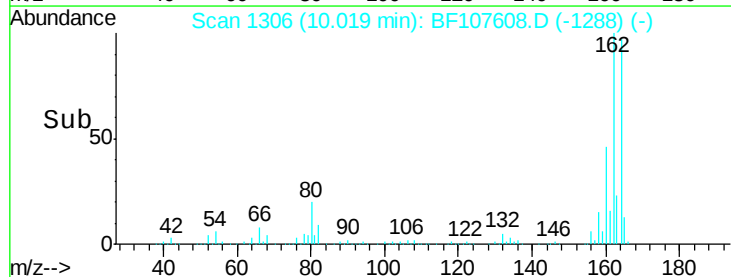
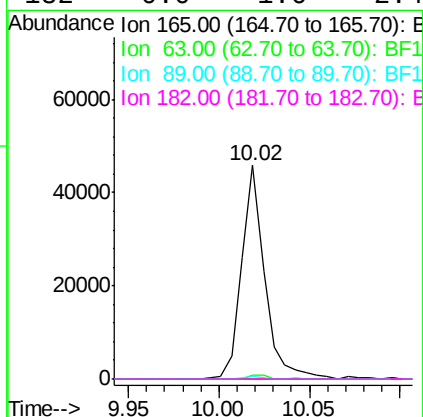
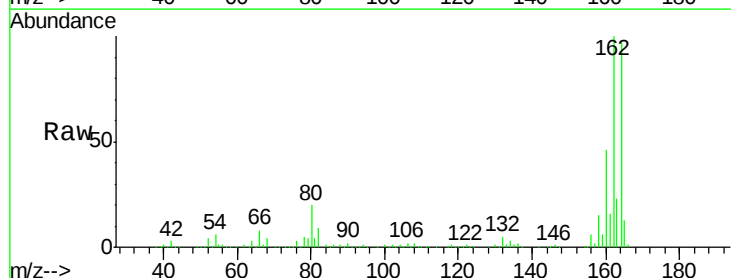
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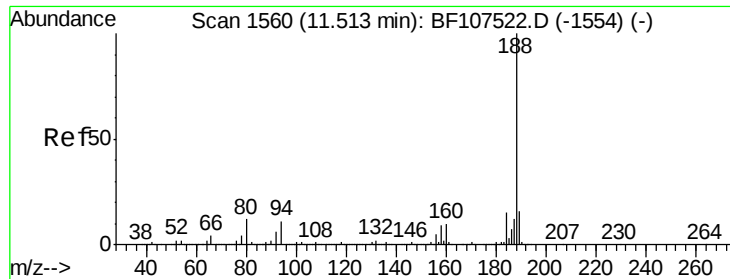
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.959 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.19 min
 Lab File: BF107608.D
 Acq: 24 Jul 2018 1:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

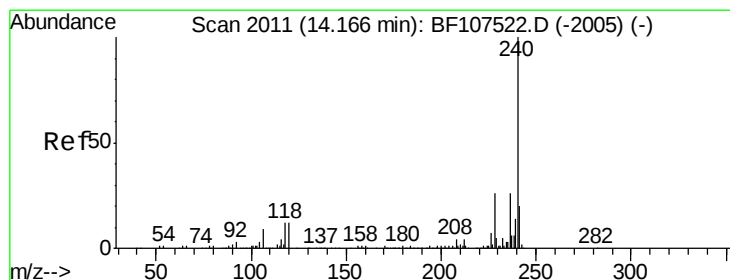
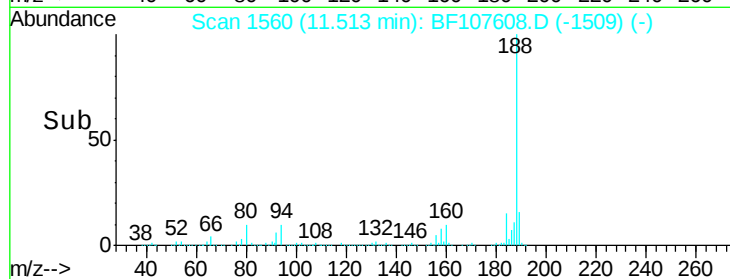
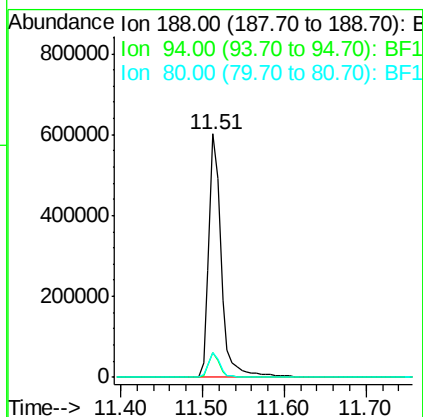
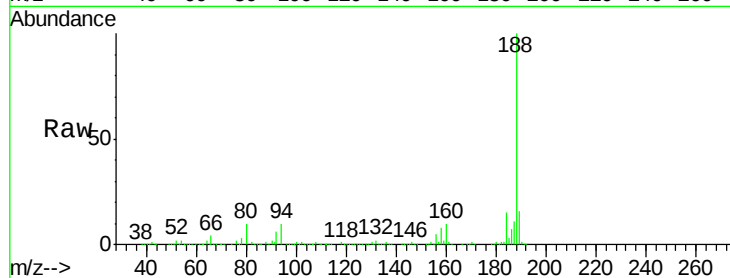




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

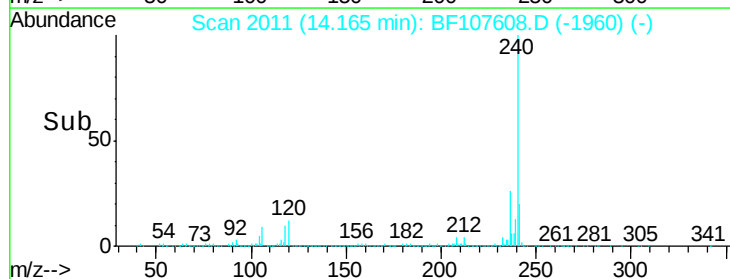
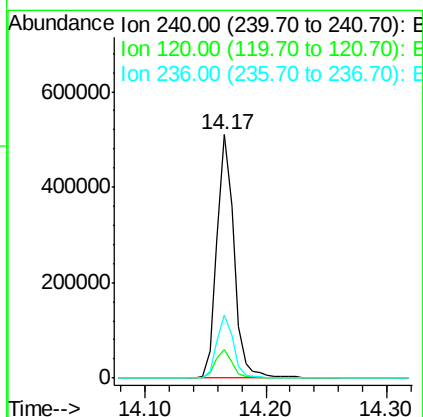
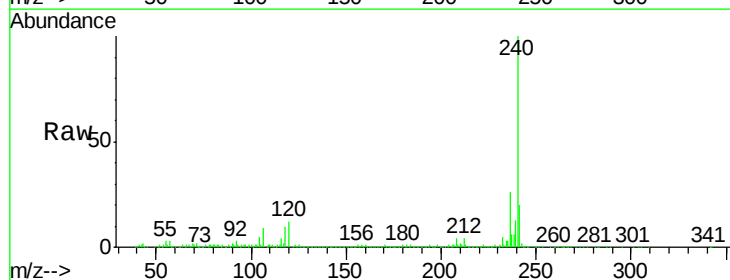
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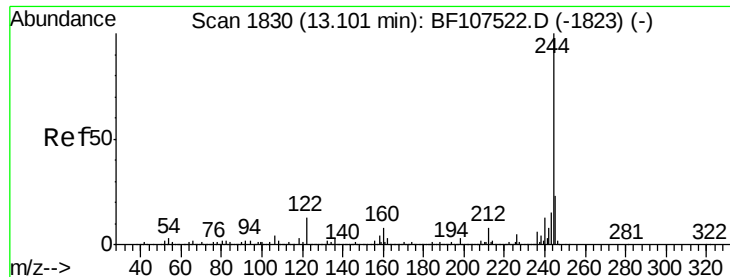
Tgt Ion:188 Resp: 641695
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

Tgt Ion:240 Resp: 497848
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 61.985 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

Instrument :

BNA_F

ClientSampleId :

DPC-81753-FB-10

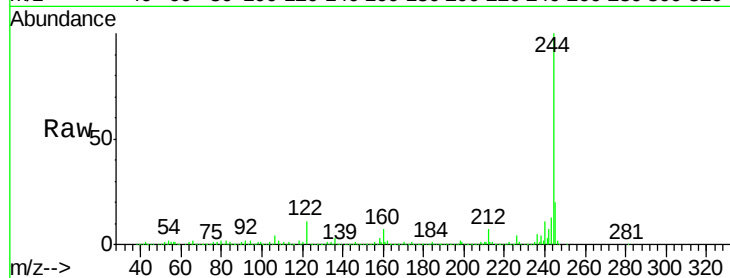
Tgt Ion:244 Resp: 1205382

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

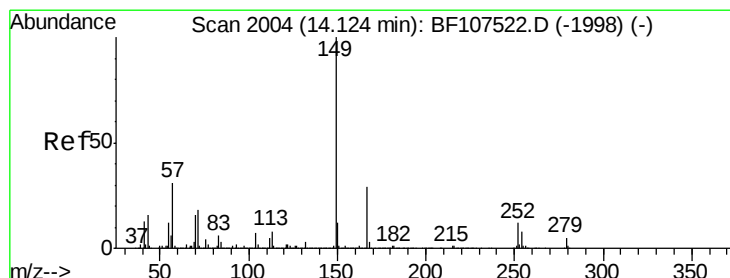
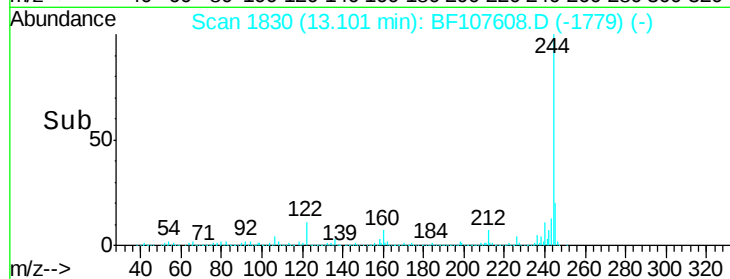
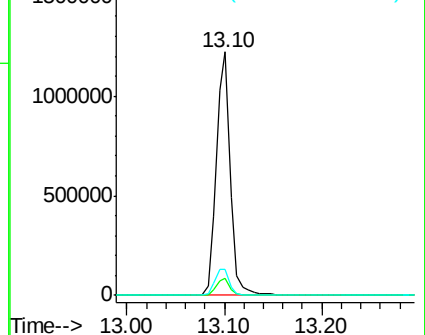
122 10.7 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.345 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107608.D

Acq: 24 Jul 2018 1:10

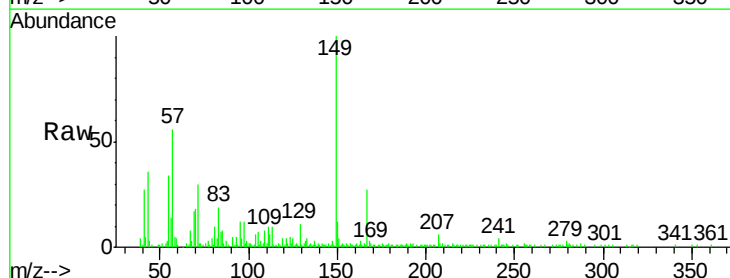
Tgt Ion:149 Resp: 48455

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

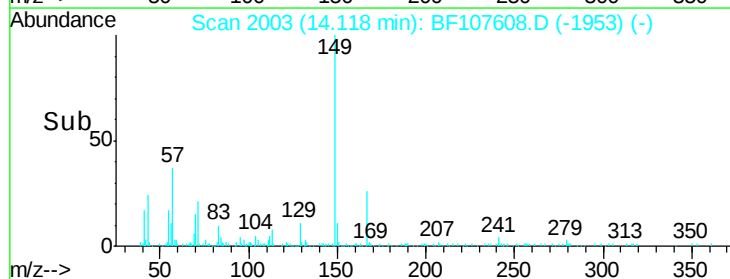
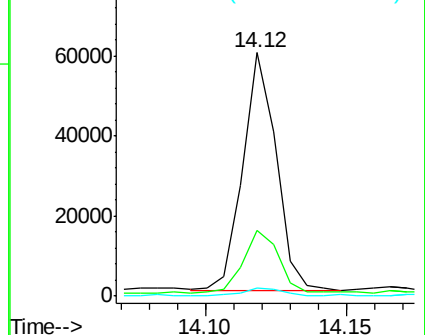
279 3.4 3.0 4.4

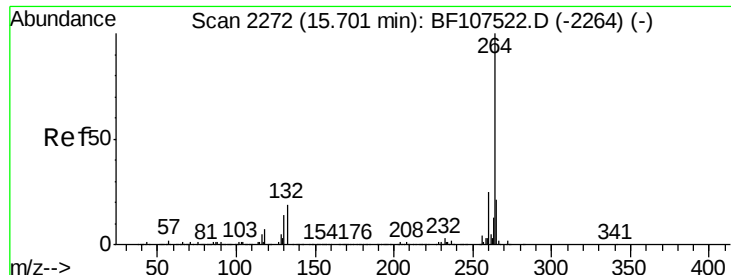


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

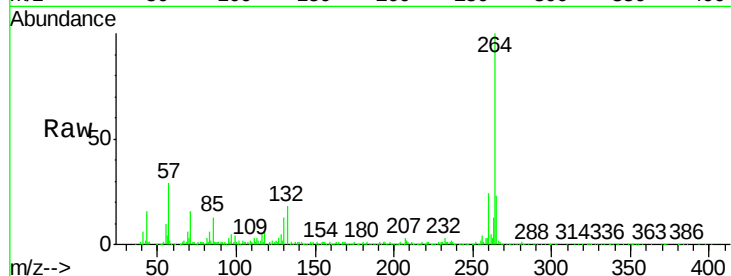




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107608.D
Acq: 24 Jul 2018 1:10

Instrument :
BNA_F
ClientSampleId :
DPC-81753-FB-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.7	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

