

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107701.D
 Acq On : 26 Jul 2018 15:57
 Operator : JU/SJ
 Sample : J4158-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-TOTES

Quant Time: Jul 26 16:59:29 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

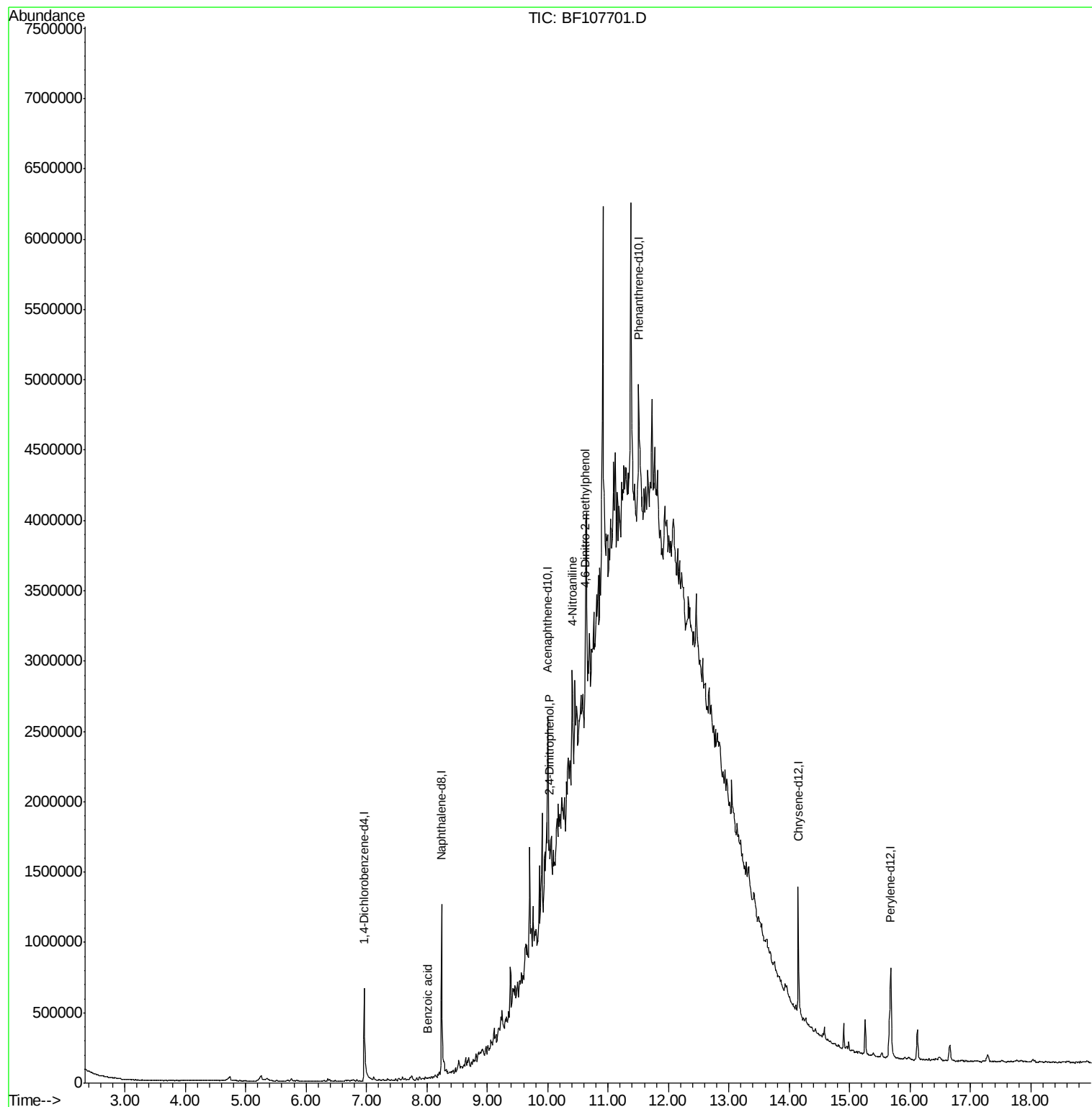
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161692	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	722751	20.00	ng	-0.02
38) Acenaphthene-d10	10.01	164	295445	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	430870	20.00	ng	0.00
75) Chrysene-d12	14.15	240	381821	20.00	ng	-0.02
86) Perylene-d12	15.68	264	386844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	933	0.09	ng	0.02
7) Phenol-d6	6.65	99	4412	0.37	ng	0.04
23) Nitrobenzene-d5	7.55	82	6727	0.63	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	1858	0.55	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	14207	-1.00	ng	-0.02
78) Terphenyl-d14	13.08	244	11471	0.77	ng	-0.02
Target Compounds						
32) Benzoic acid	8.02	122	690	7.984	ng	# 72
53) 2,4-Dinitrophenol	10.02	184	109	8.352	ng	# 1
61) 4-Nitroaniline	10.41	138	10233	2.265	ng	# 84
64) 4,6-Dinitro-2-methylphenol	10.62	198	1306	9.195	ng	# 1
73) Di-n-butylphthalate	12.04	149	18480	Below Cal	#	40
81) 3,3'-Dichlorobenzidine	14.11	252	485	Below Cal	#	1

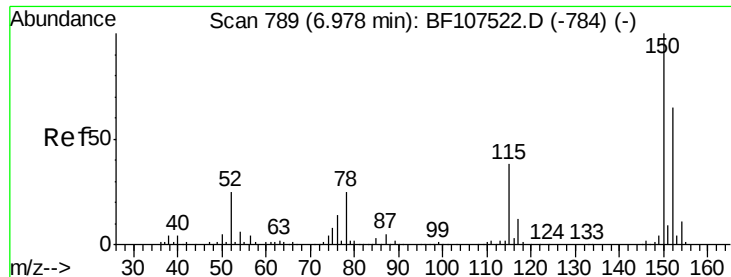
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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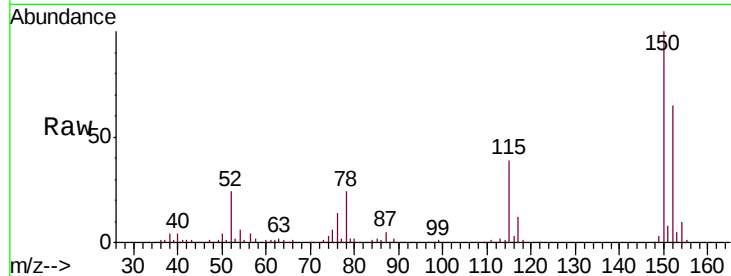


#1

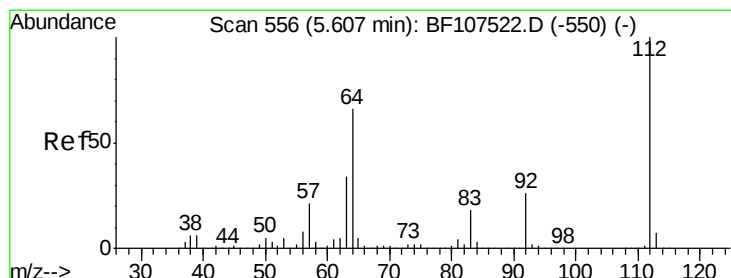
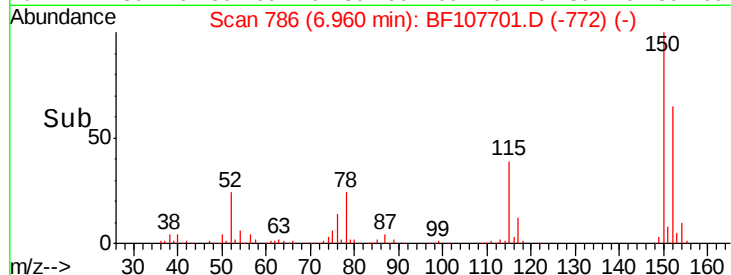
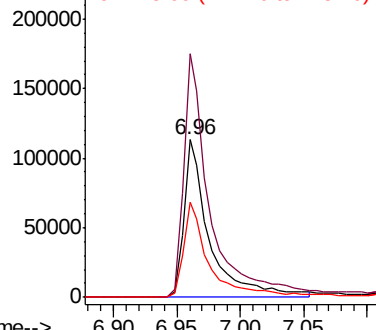
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107701.D
Acq: 26 Jul 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-TOTES

Tgt Ion:152 Resp: 161692
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 60.0 50.1 75.1



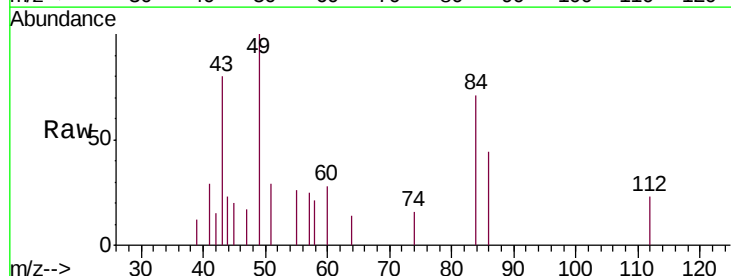
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



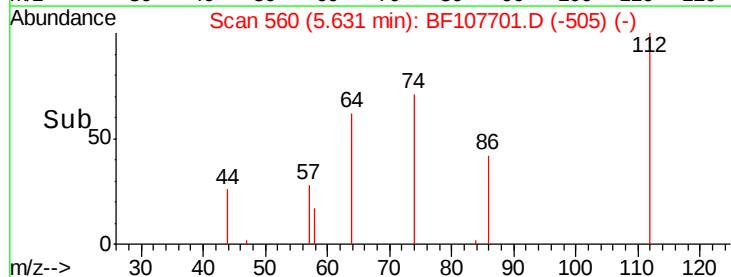
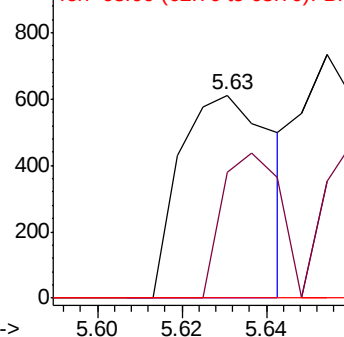
#5

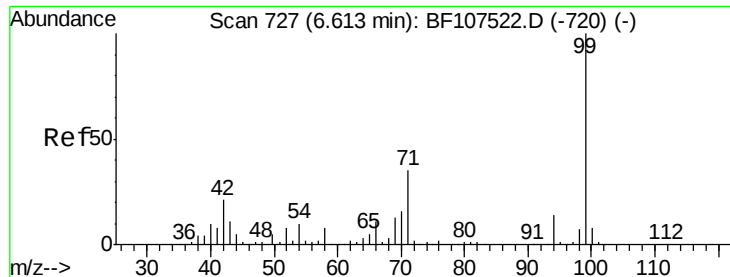
2-Fluorophenol
Concen: 0.093 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.02 min
Lab File: BF107701.D
Acq: 26 Jul 2018 15:57

Tgt Ion:112 Resp: 933
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 0.0 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: 0.365 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.04 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-TOTES

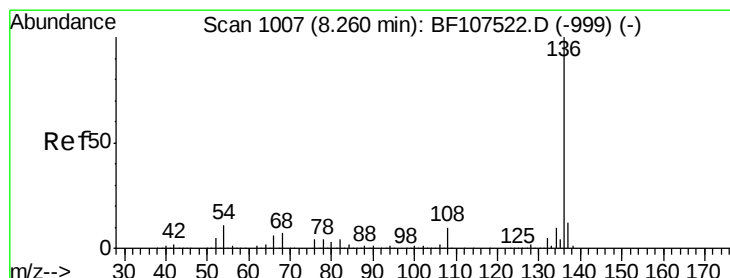
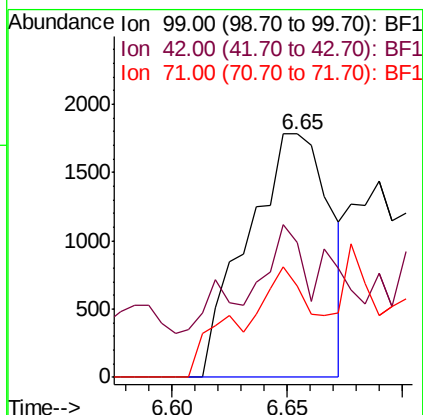
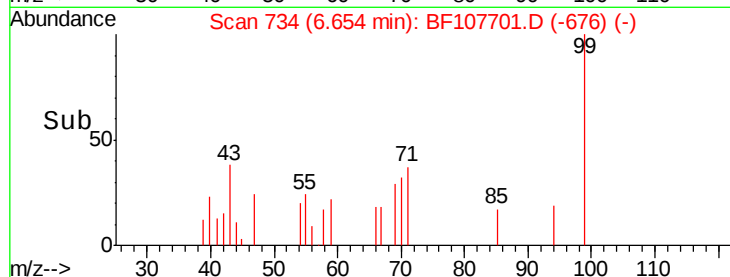
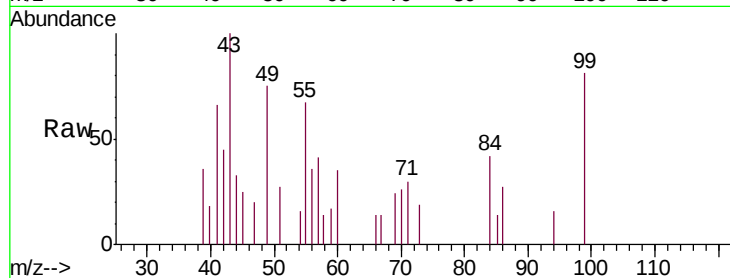
Tgt Ion: 99 Resp: 4412

Ion Ratio Lower Upper

99 100

42 55.2 14.5 21.7#

71 37.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

Tgt Ion: 136 Resp: 722751

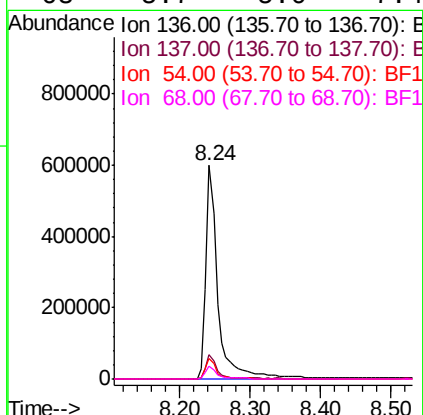
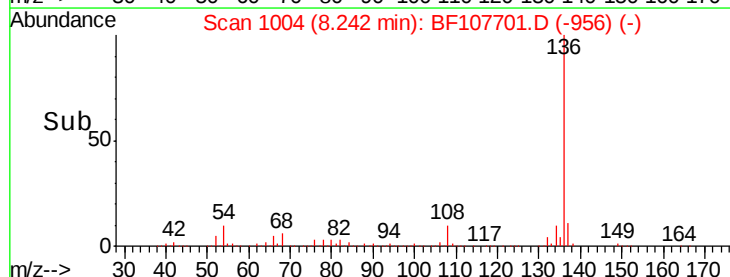
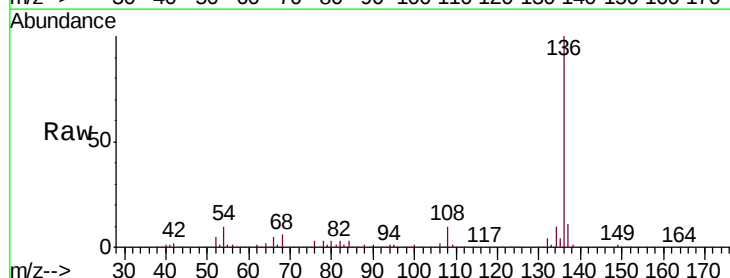
Ion Ratio Lower Upper

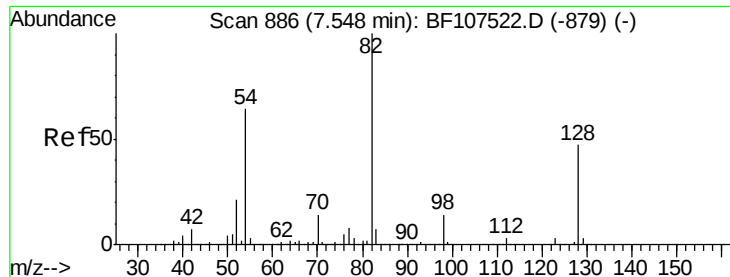
136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.628 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

Instrument :

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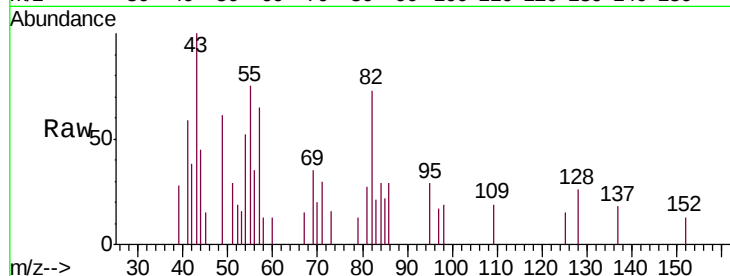
Tgt Ion: 82 Resp: 6727

Ion Ratio Lower Upper

82 100

128 36.1 36.1 54.1#

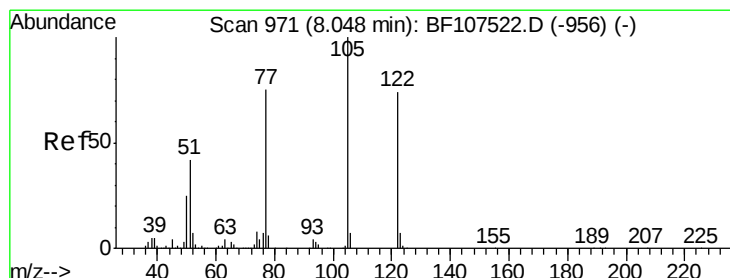
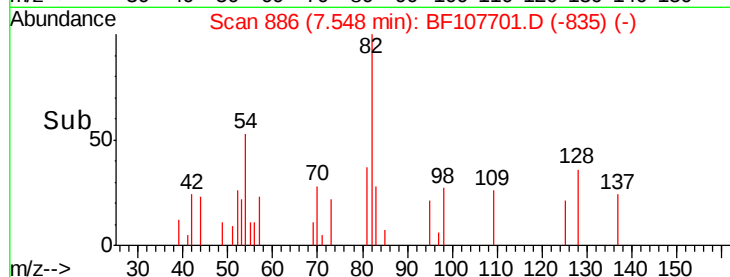
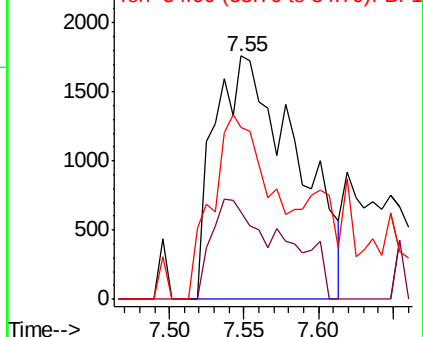
54 70.7 41.4 62.2#



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



#32

Benzoic acid

Concen: 7.984 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

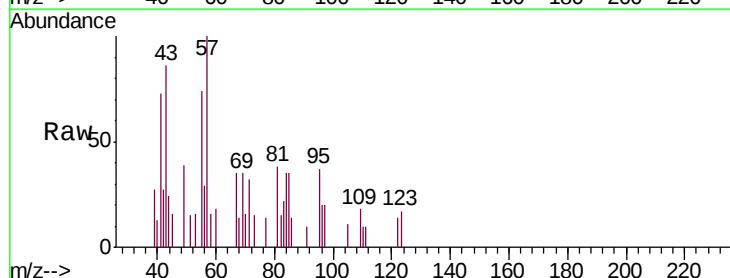
Tgt Ion: 122 Resp: 690

Ion Ratio Lower Upper

122 100

105 75.4 101.1 141.1#

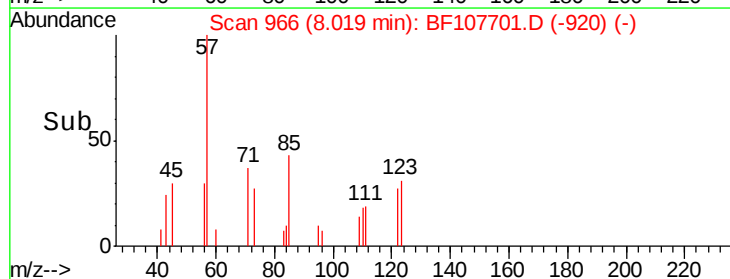
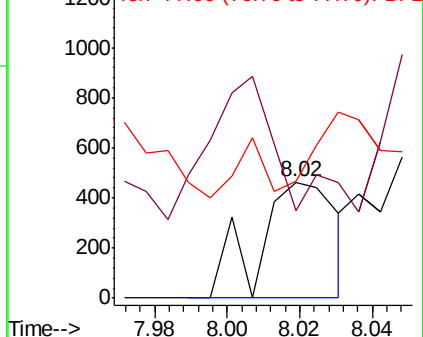
77 100.6 70.7 110.7

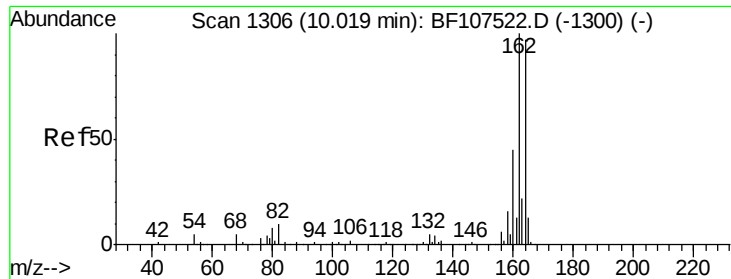


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

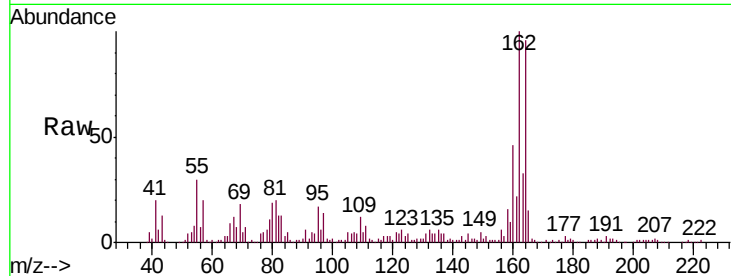




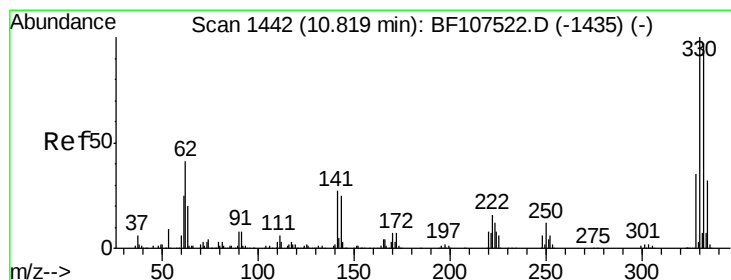
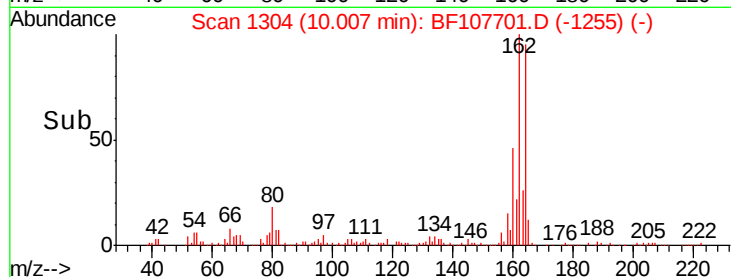
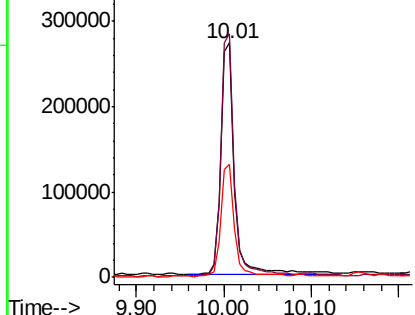
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

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Tgt Ion:164 Resp: 295445
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 48.1 38.3 57.5

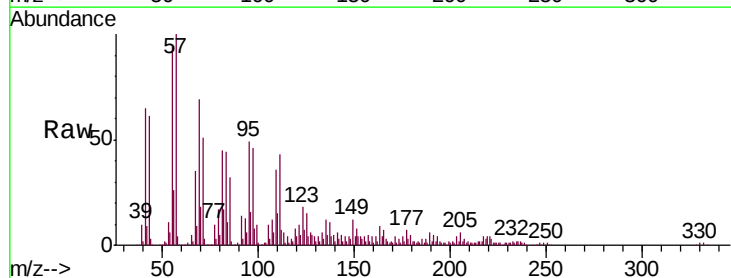


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

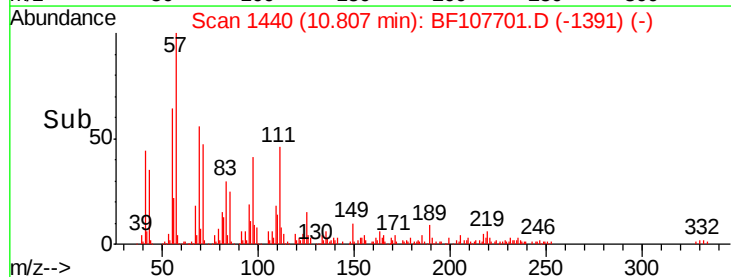
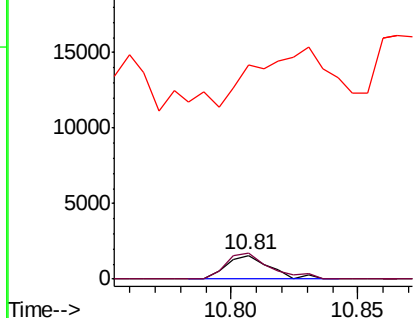


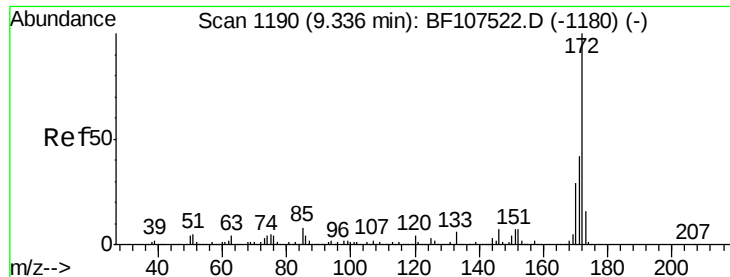
#41
 2,4,6-Tribromophenol
 Concen: 0.553 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

Tgt Ion:330 Resp: 1858
 Ion Ratio Lower Upper
 330 100
 332 112.5 77.0 115.6
 141 0.0 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

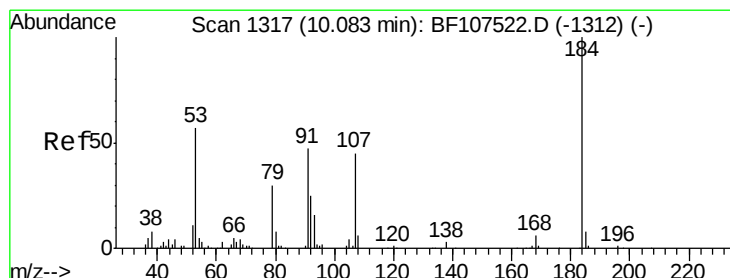
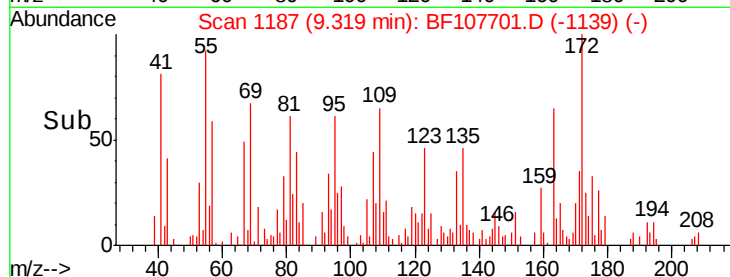
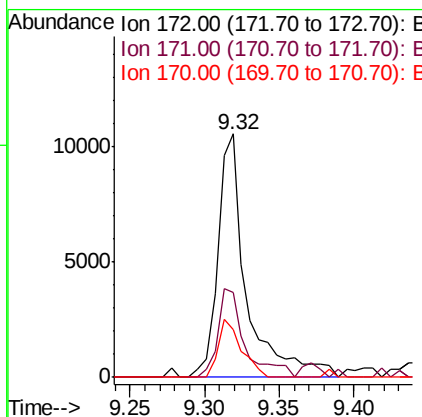
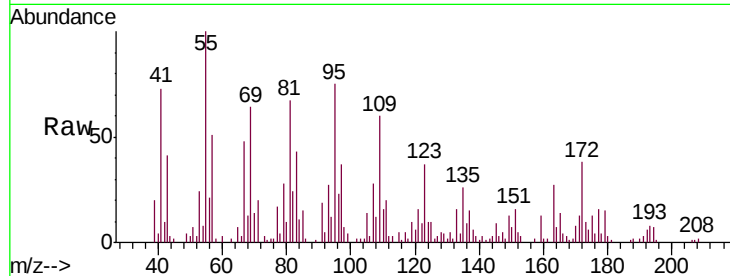




#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

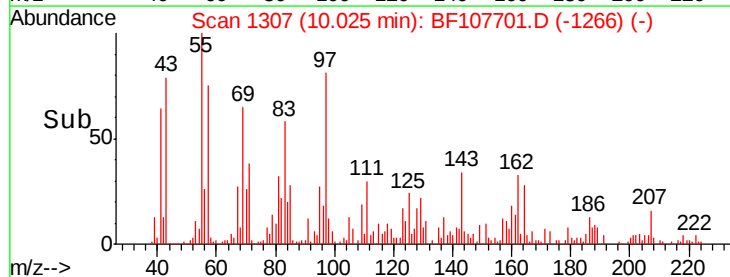
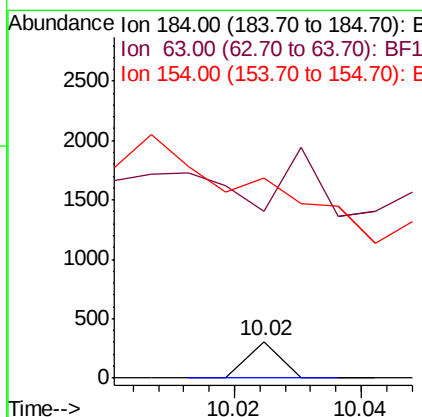
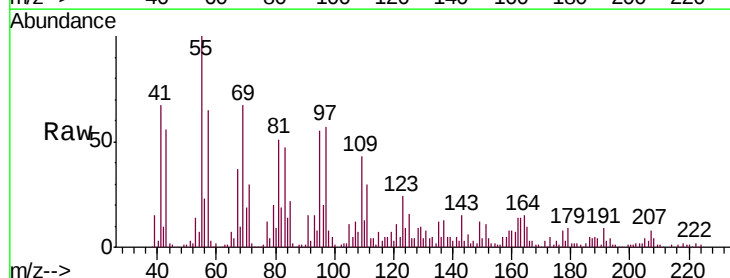
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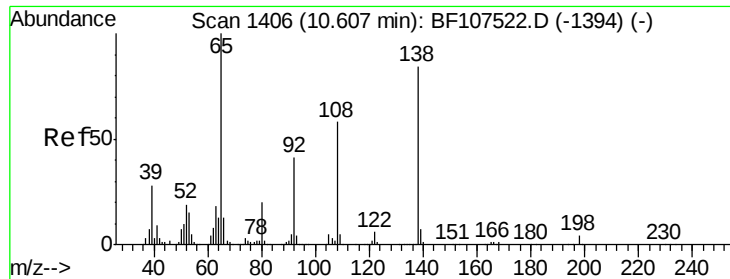
Tgt Ion:172 Resp: 14207
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 19.7 19.6 29.4



#53
 2,4-Dinitrophenol
 Concen: 8.352 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.06 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

Tgt Ion:184 Resp: 109
 Ion Ratio Lower Upper
 184 100
 63 455.8 54.2 81.2#
 154 547.7 184.0 276.0#

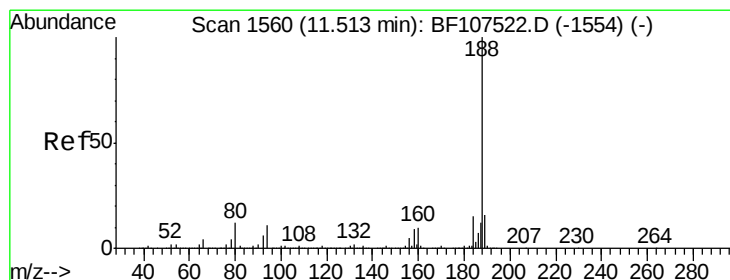
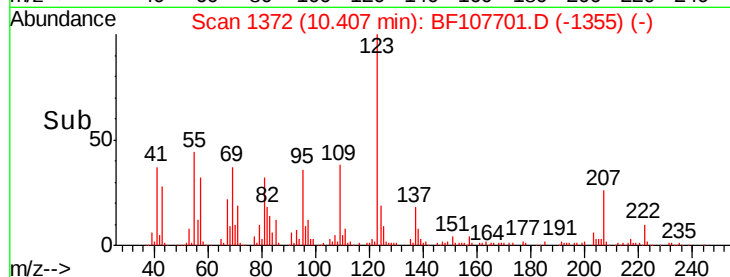
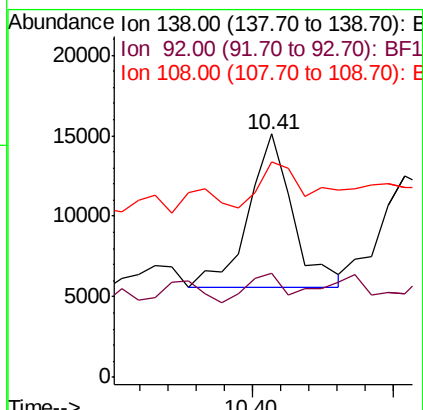
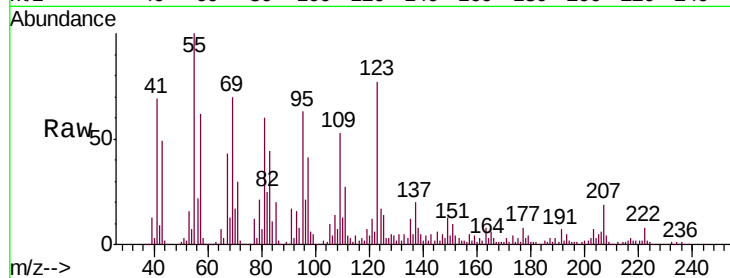




#61
4-Nitroaniline
Concen: 2.265 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.20 min
Lab File: BF107701.D
Acq: 26 Jul 2018 15:57

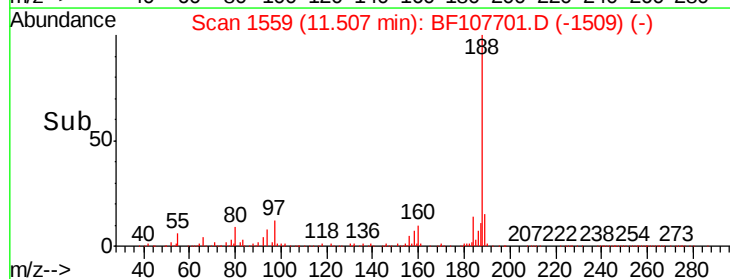
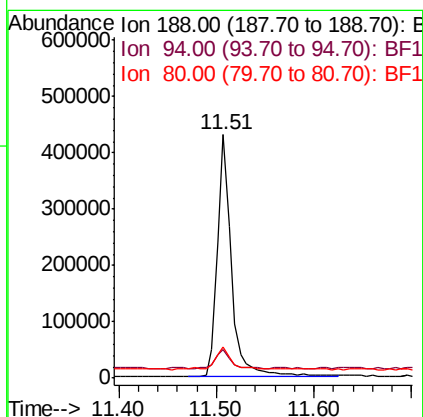
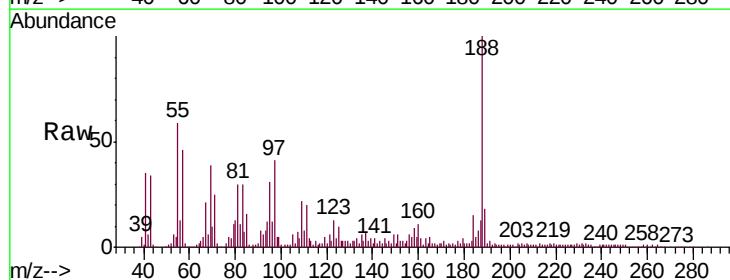
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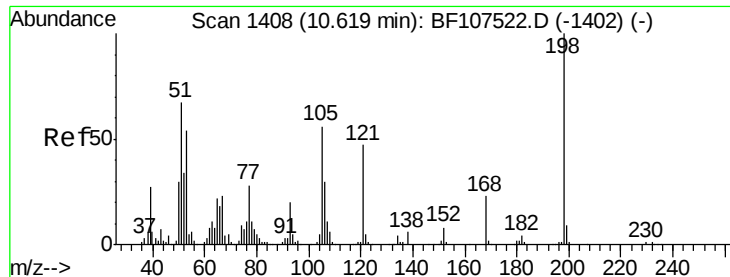
Tgt Ion:138 Resp: 10233
Ion Ratio Lower Upper
138 100
92 42.7 30.2 70.2
108 88.6 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107701.D
Acq: 26 Jul 2018 15:57

Tgt Ion:188 Resp: 430870
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.6 9.2 13.8

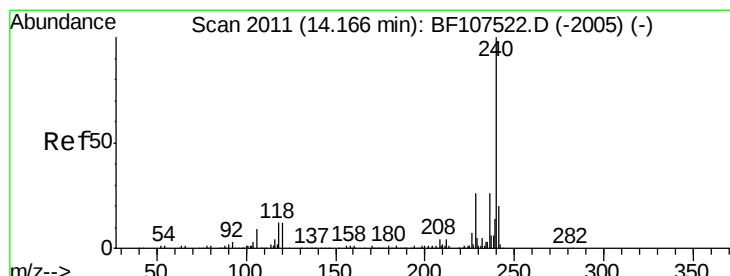
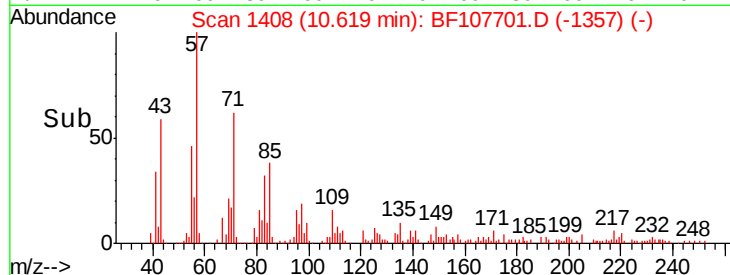
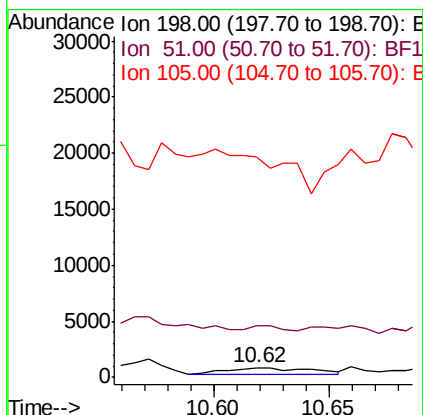
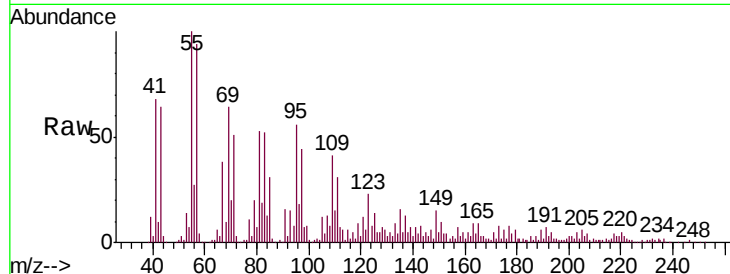




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.195 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

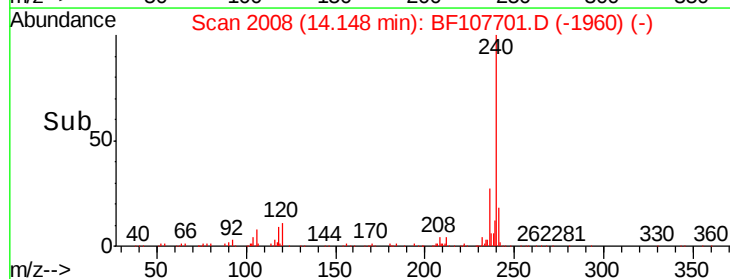
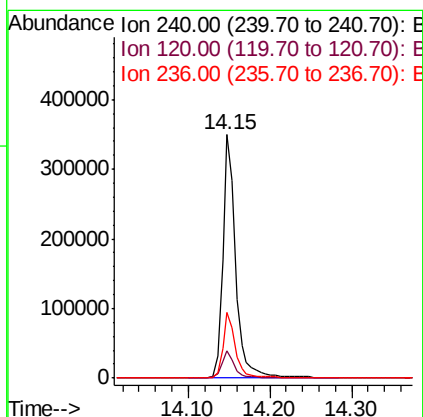
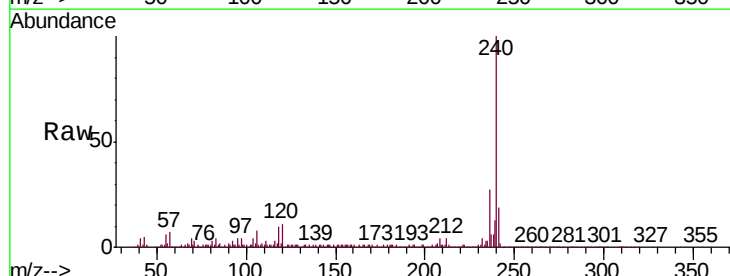
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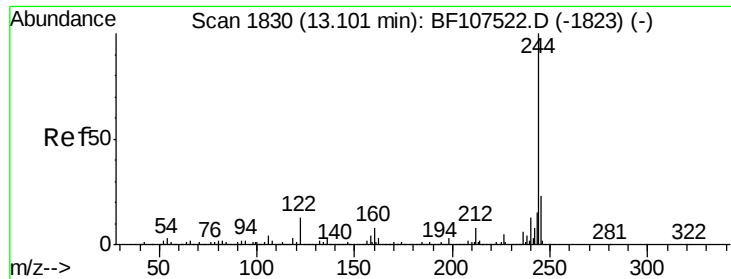
Tgt Ion:198 Resp: 1306
 Ion Ratio Lower Upper
 198 100
 51 514.9 37.7 77.7#
 105 2214.2 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107701.D
 Acq: 26 Jul 2018 15:57

Tgt Ion:240 Resp: 381821
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 26.8 20.7 31.1





#78

Terphenyl-d14

Concen: 0.769 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-TOTES

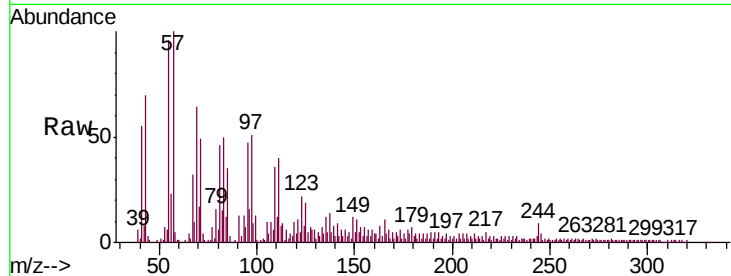
Tgt Ion:244 Resp: 11471

Ion Ratio Lower Upper

244 100

212 19.5 5.4 8.0#

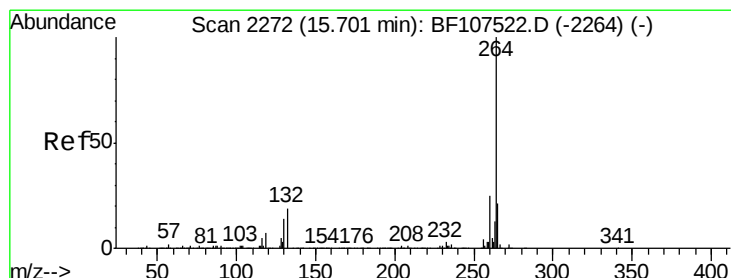
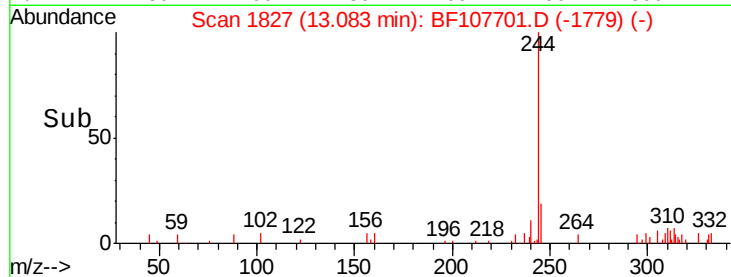
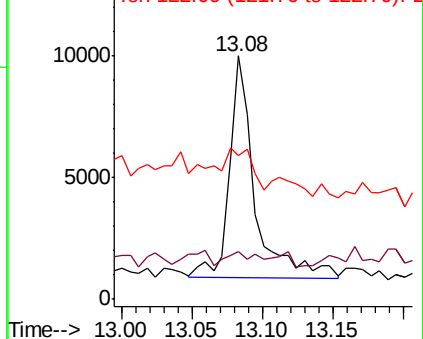
122 59.1 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107701.D

Acq: 26 Jul 2018 15:57

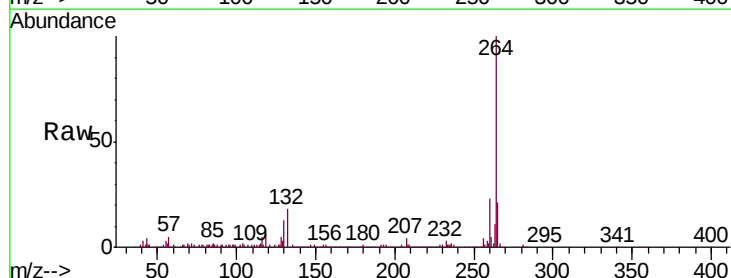
Tgt Ion:264 Resp: 386844

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 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

