

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107563.D
 Acq On : 21 Jul 2018 9:24
 Operator : JU/SJ
 Sample : J4061-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-S

Quant Time: Jul 23 03:27:13 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	6.97	152	326621	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1192438	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	450755	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	800006	20.00	ng	0.00
75) Chrysene-d12	14.16	240	725463	20.00	ng	0.00
86) Perylene-d12	15.69	264	533076	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	895945	44.10	ng	0.00
7) Phenol-d6	6.60	99	741632	30.40	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1846965	104.53	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	439944	85.83	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2798163	118.05	ng	0.00
78) Terphenyl-d14	13.10	244	2377178	83.89	ng	0.00

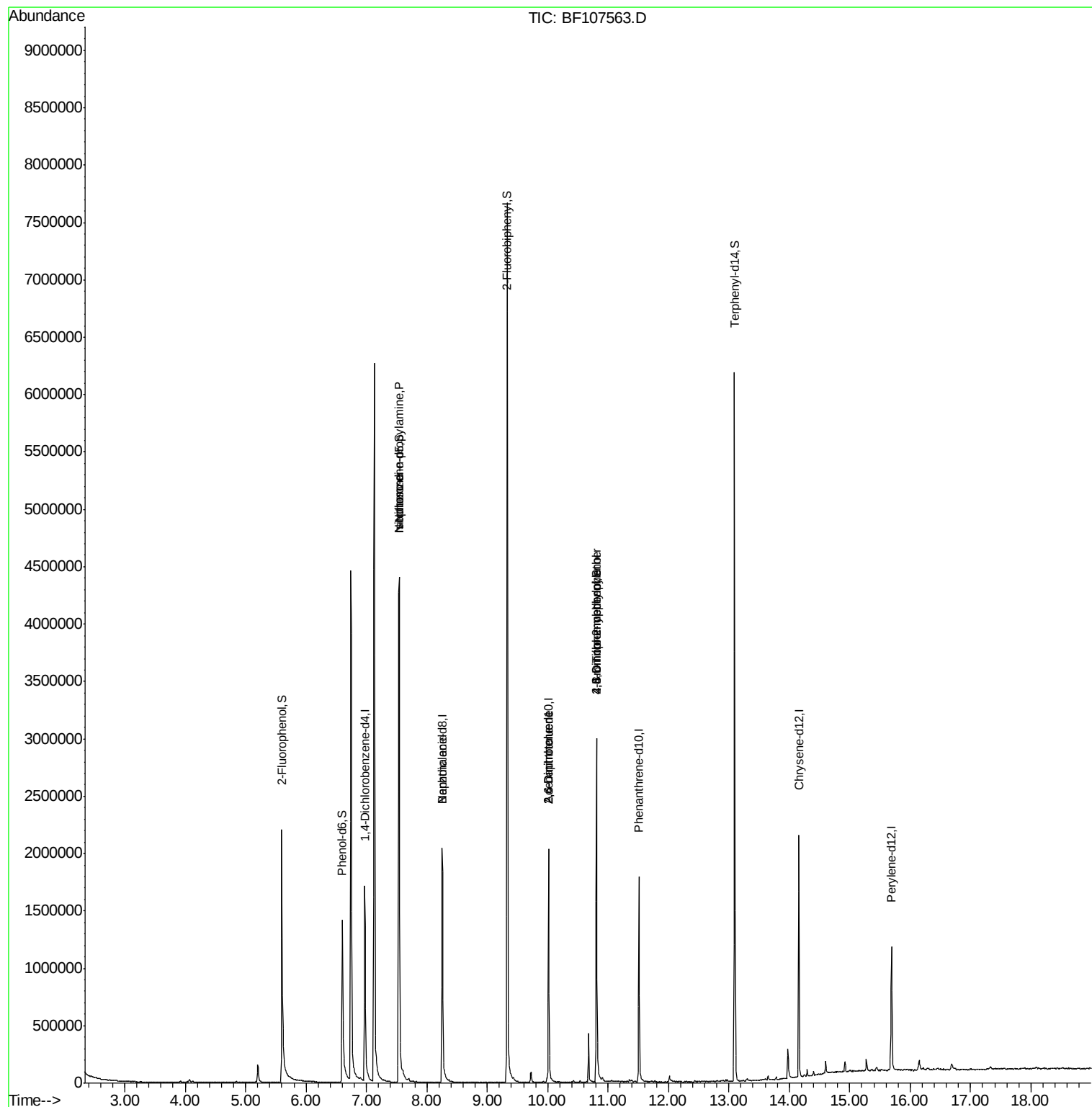
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	1623	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	249074	15.806	ng	# 77
25) Isophorone	7.54	82	1846953	48.957	ng	# 64
32) Benzoic acid	8.25	122	157	7.911	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	57867	8.580	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	58263	7.156	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	679	8.825	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	25893	2.749	ng	# 1
73) Di-n-butylphthalate	12.05	149	1598	Below Cal	#	78

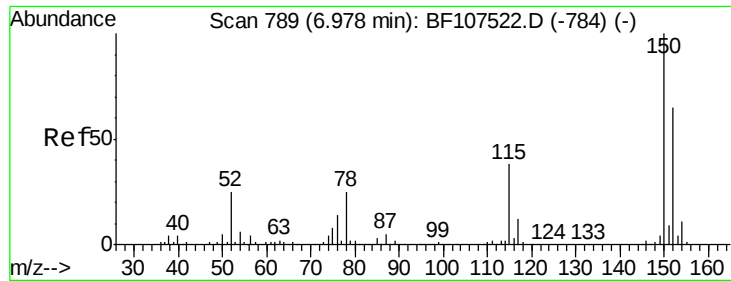
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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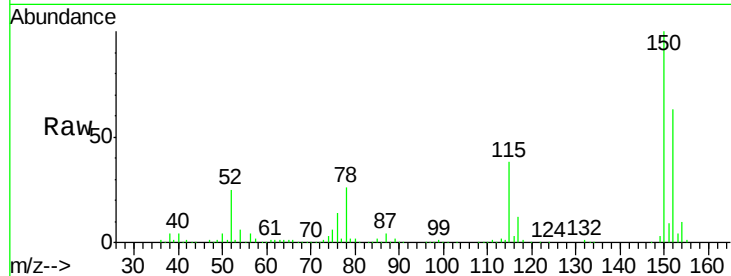


#1

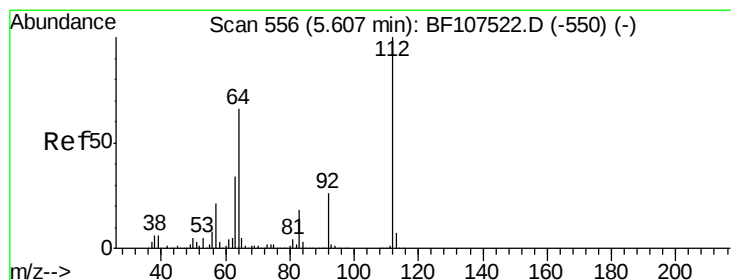
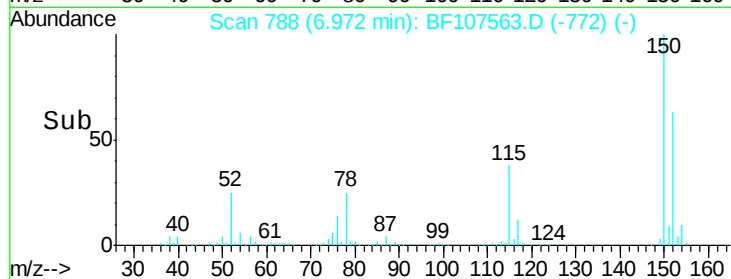
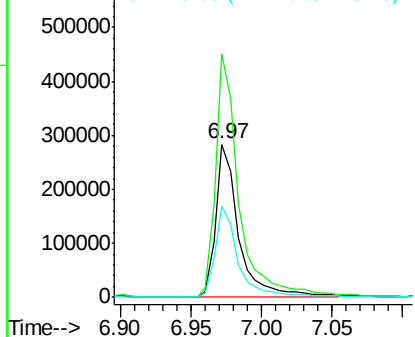
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-S

Tgt Ion:152 Resp: 326621
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.7 50.1 75.1



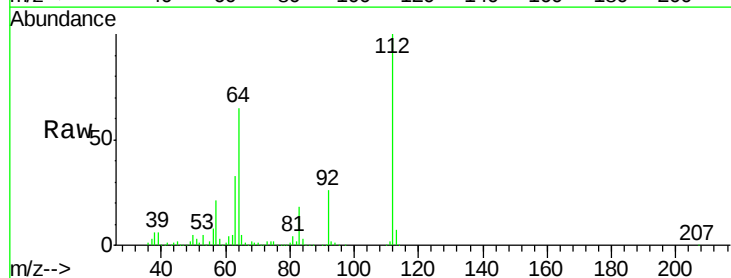
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



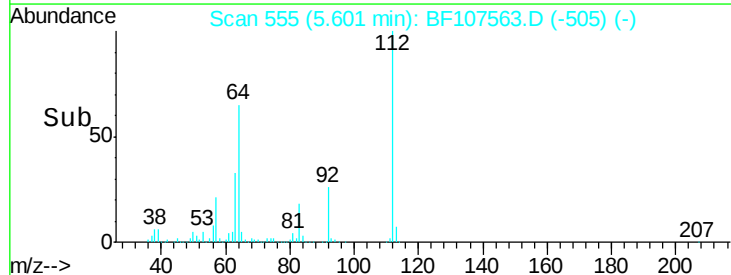
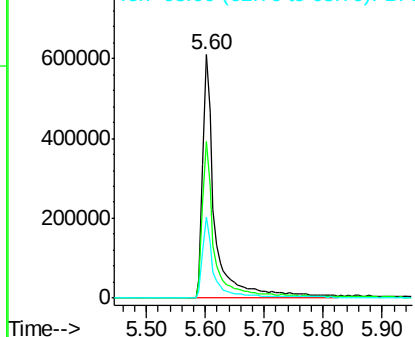
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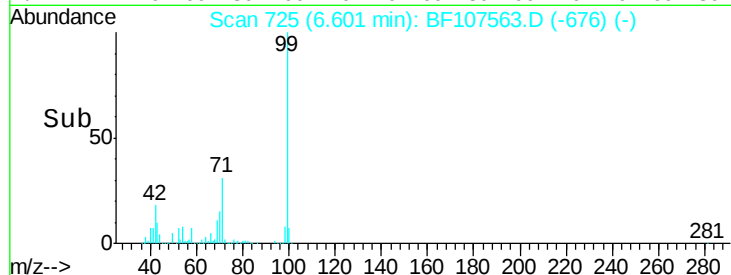
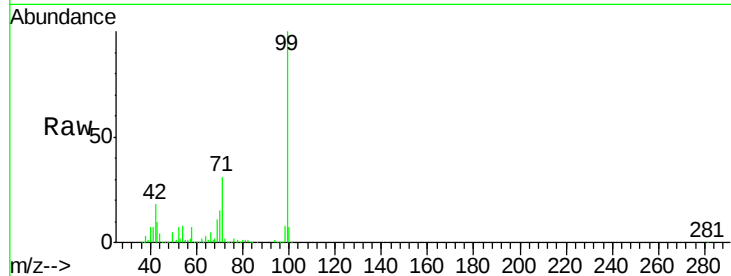
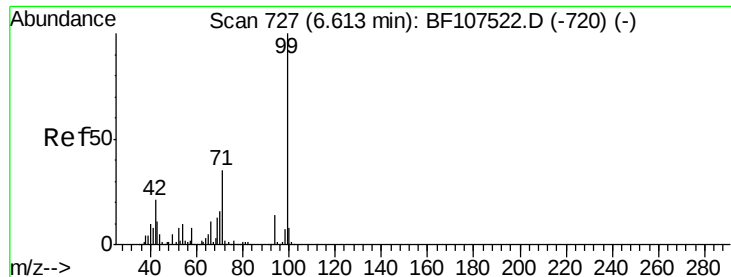
2-Fluorophenol
Concen: 44.103 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

Tgt Ion:112 Resp: 895945
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 33.3 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: 30.404 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-S

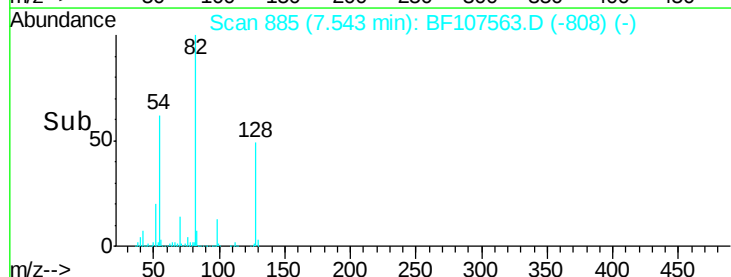
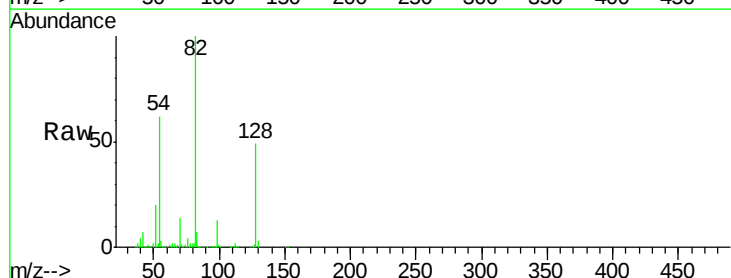
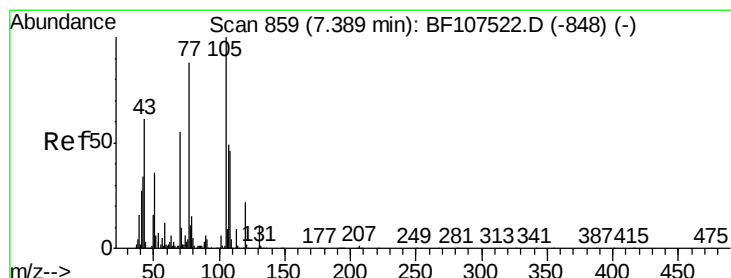
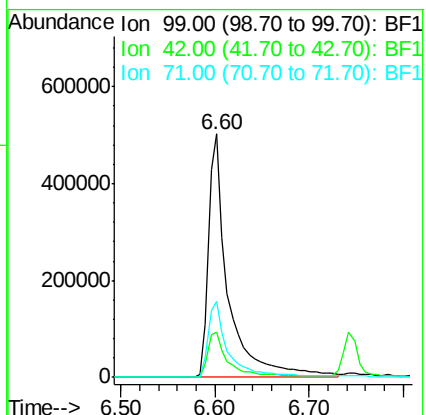
Tgt Ion: 99 Resp: 741632

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 31.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.806 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Tgt Ion: 70 Resp: 249074

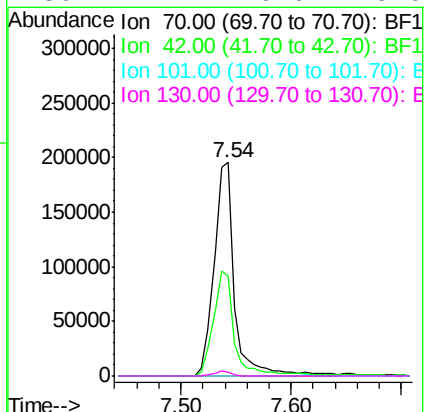
Ion Ratio Lower Upper

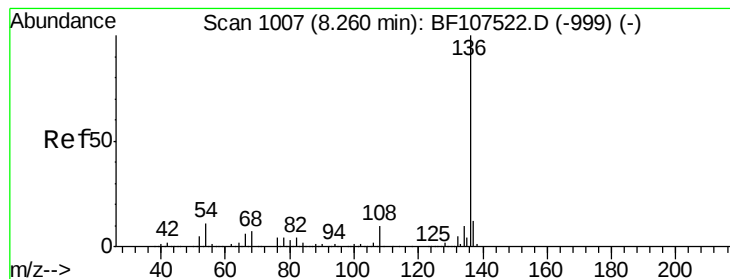
70 100

42 47.0 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-S

Tgt Ion:136 Resp: 1192438

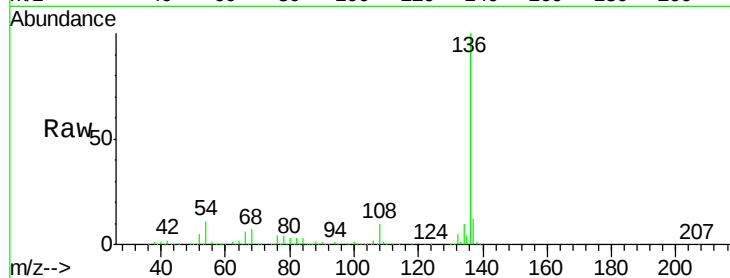
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 10.7 6.6 9.8#

68 6.6 5.0 7.4

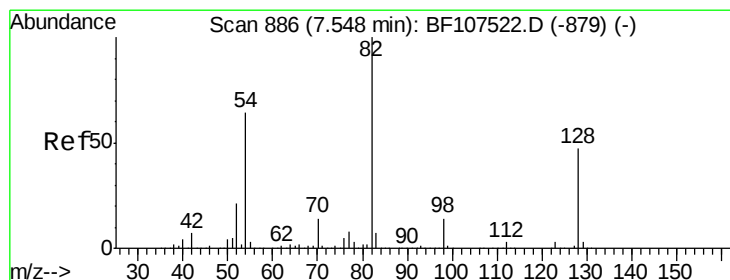
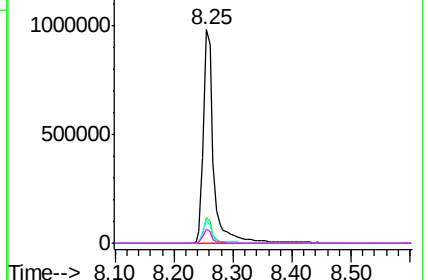
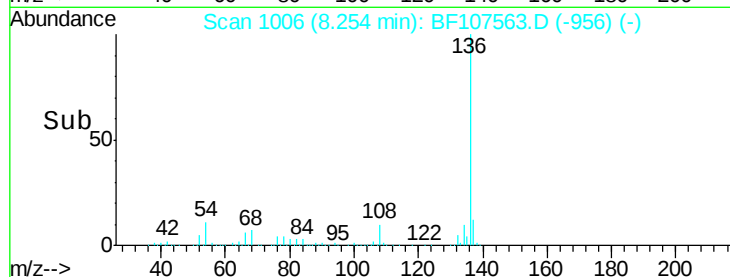


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.531 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

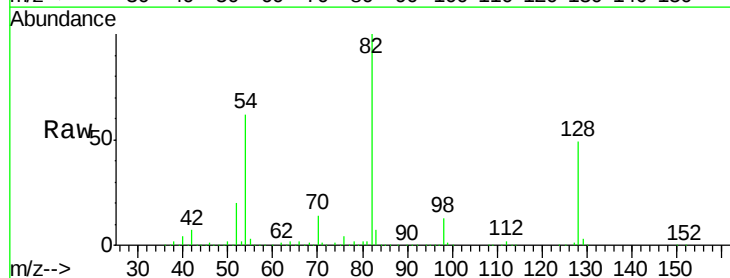
Tgt Ion: 82 Resp: 1846965

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

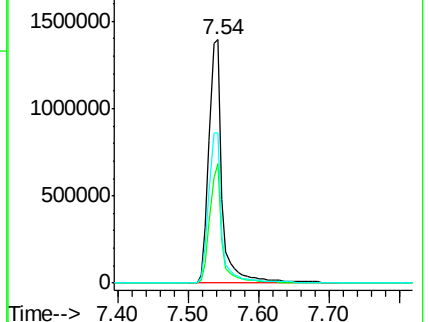
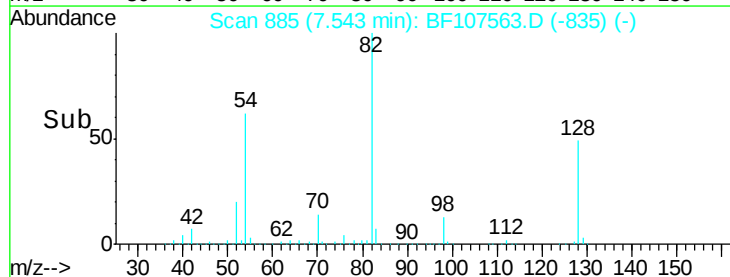
54 61.7 41.4 62.2



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: 48.957 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.25 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Instrument :

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ClientSampleId :

071718-DBRI-E-U-S

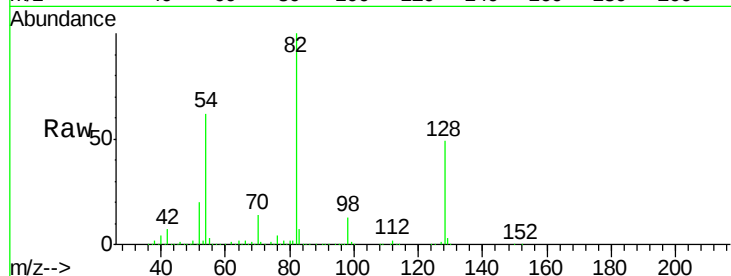
Tgt Ion: 82 Resp: 1846953

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

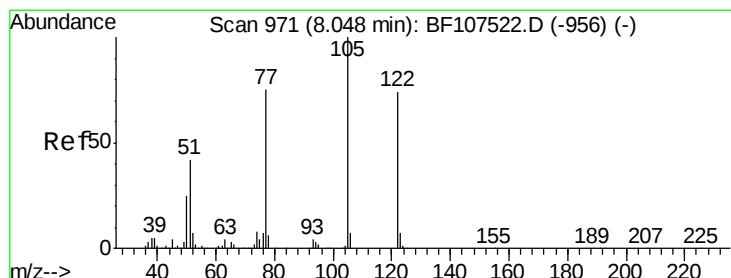
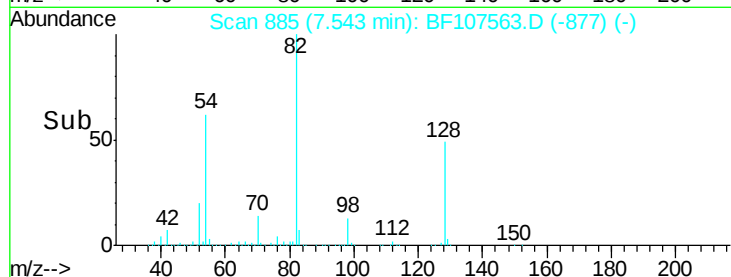
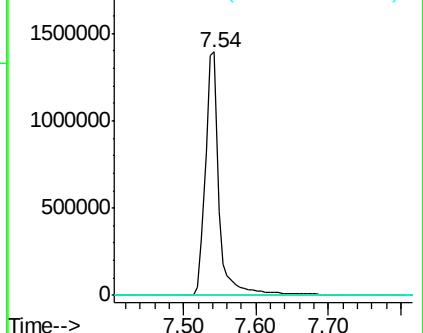
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.911 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.21 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

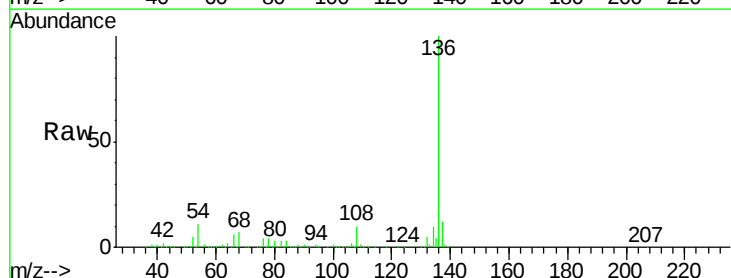
Tgt Ion: 122 Resp: 157

Ion Ratio Lower Upper

122 100

105 222.5 101.1 141.1#

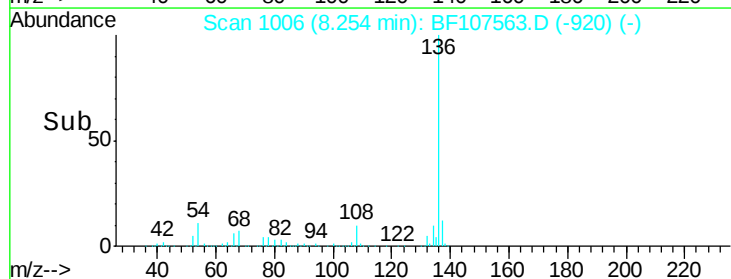
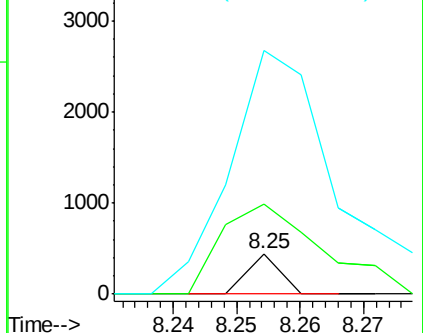
77 602.5 70.7 110.7#

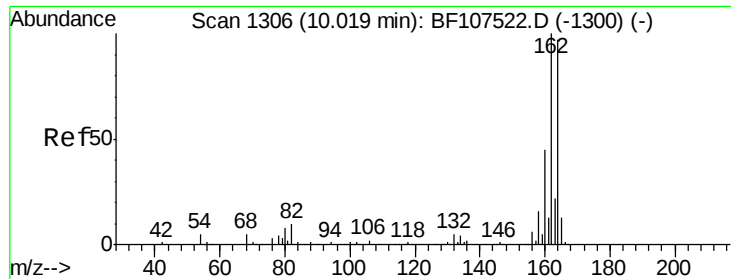


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

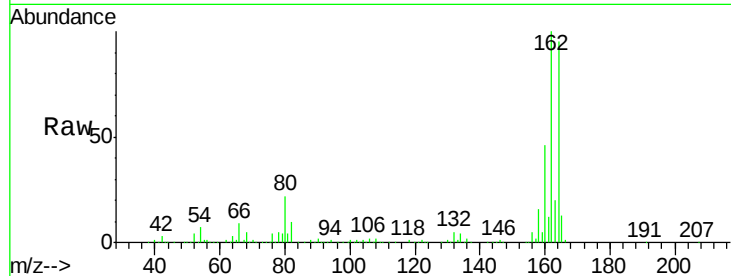




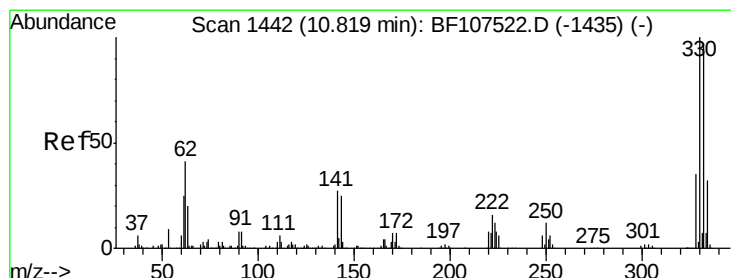
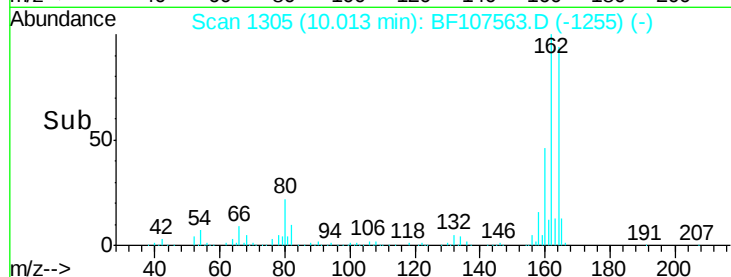
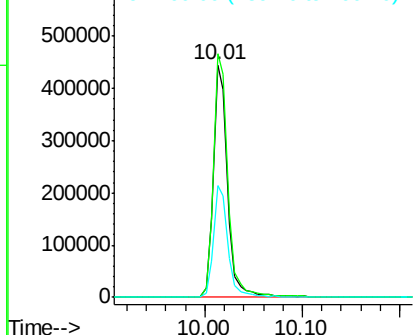
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

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Tgt Ion:164 Resp: 450755
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 48.0 38.3 57.5

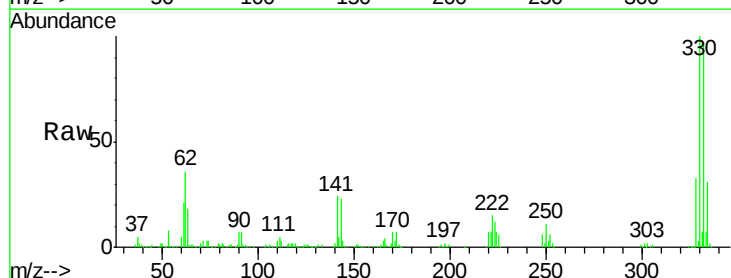


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

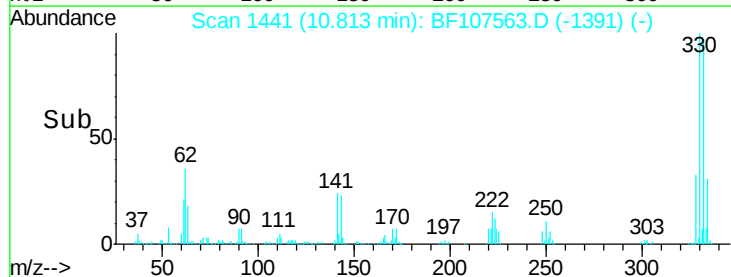
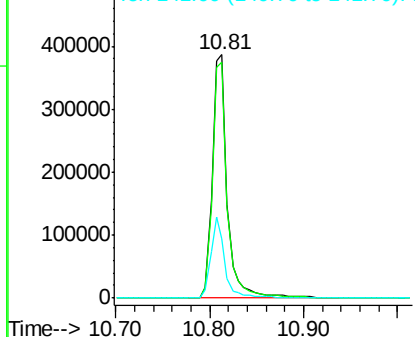


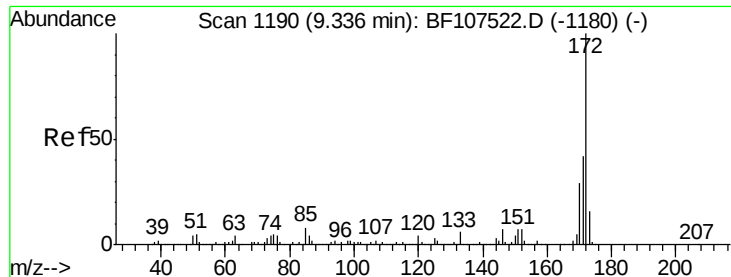
#41
2,4,6-Tribromophenol
Concen: 85.830 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

Tgt Ion:330 Resp: 439944
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 30.9 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

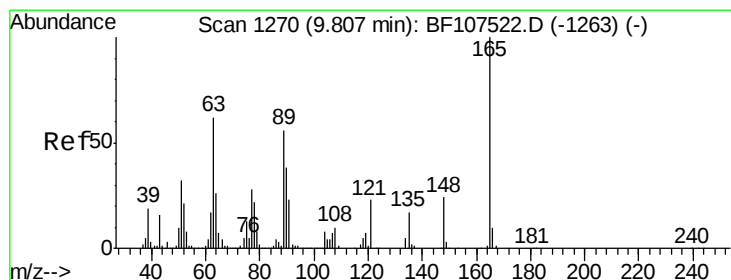
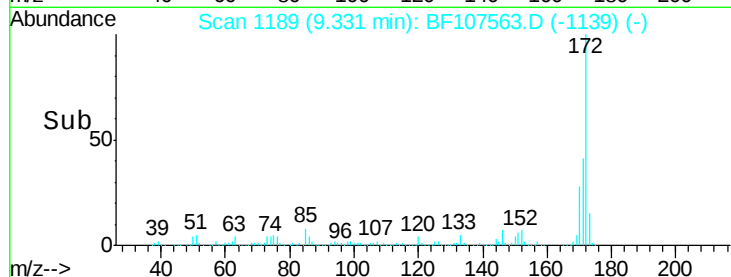
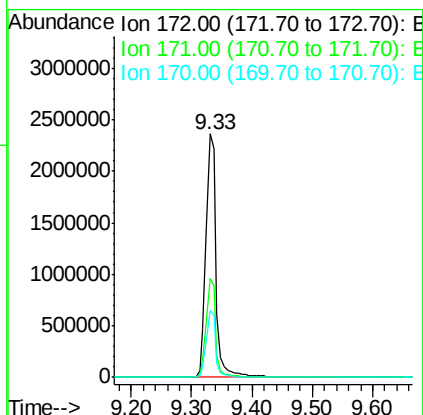
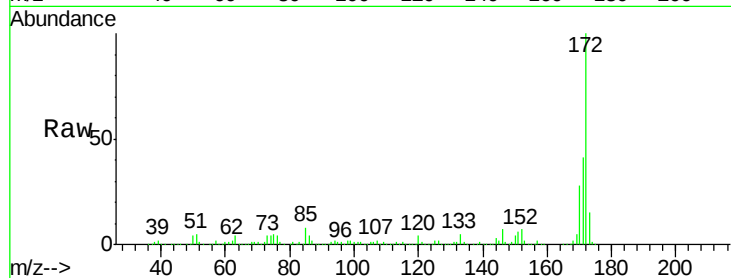




#44
 2-Fluorobiphenyl
 Concen: 118.048 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107563.D
 Acq: 21 Jul 2018 9:24

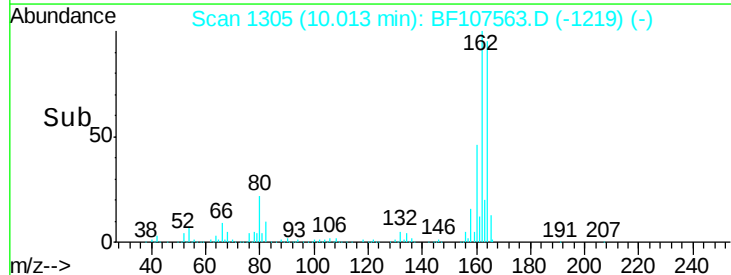
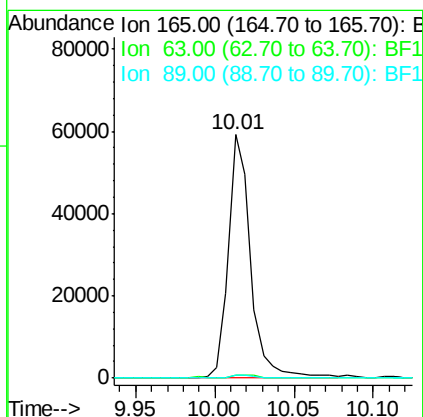
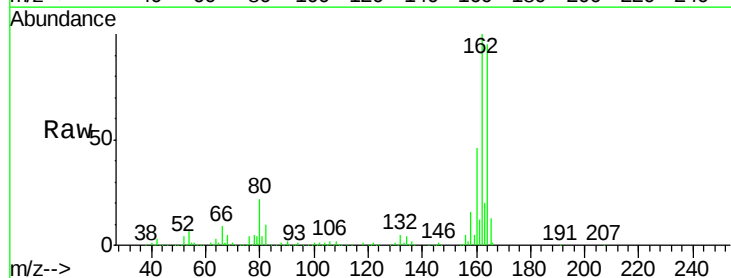
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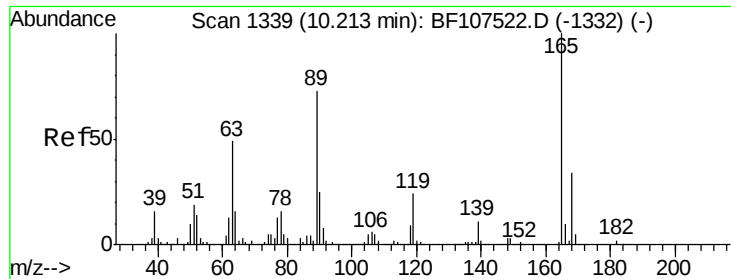
Tgt Ion:172 Resp: 2798163
 Ion Ratio Lower Upper
 172 100
 171 40.6 29.7 44.5
 170 27.5 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.580 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF107563.D
 Acq: 21 Jul 2018 9:24

Tgt Ion:165 Resp: 57867
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.0 44.0 66.0#

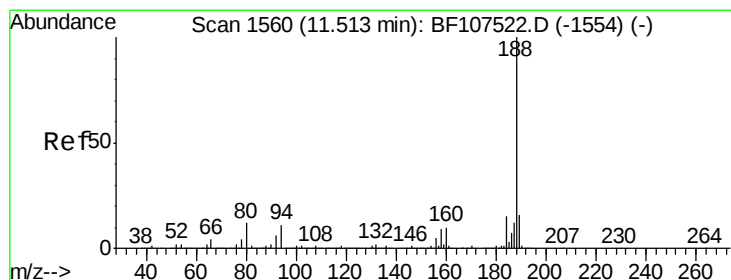
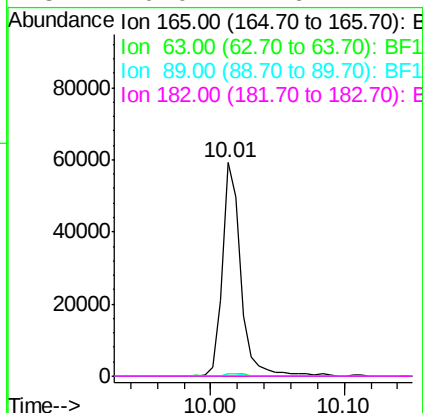
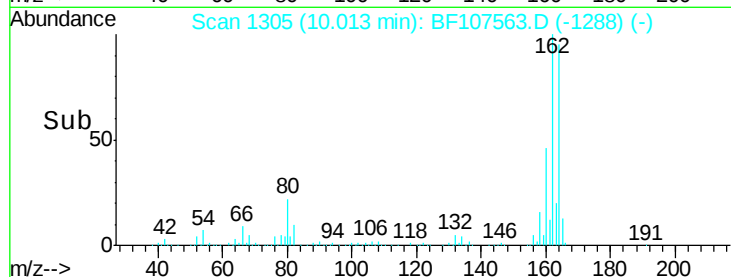
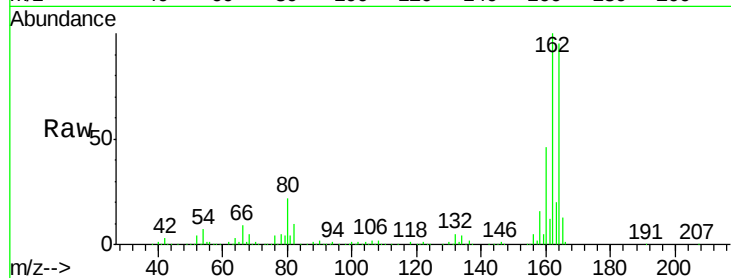




#56
2,4-Dinitrotoluene
Concen: 7.156 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

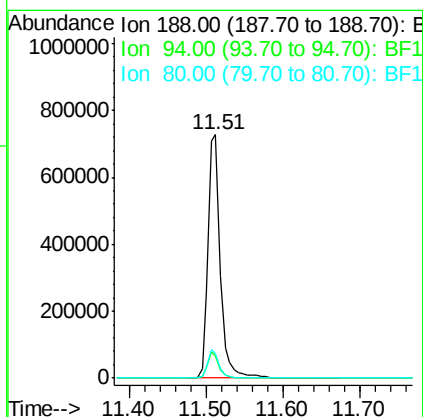
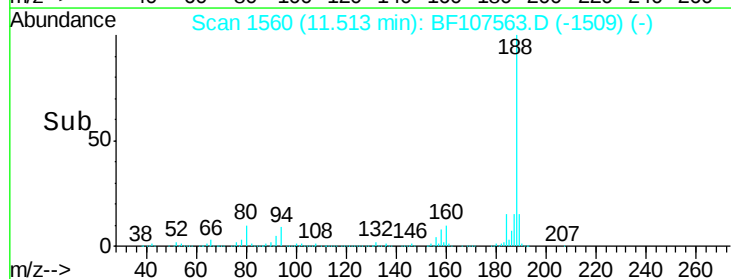
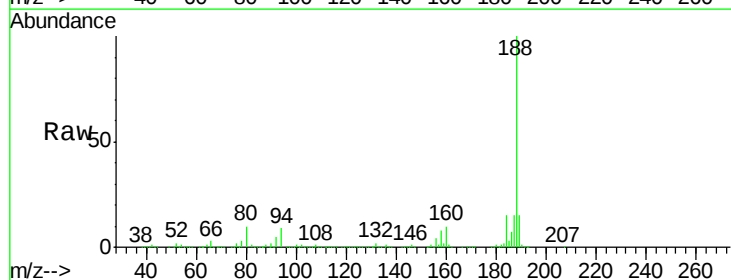
Instrument :
BNA_F
ClientSampleId :
071718-DBRI-E-U-S

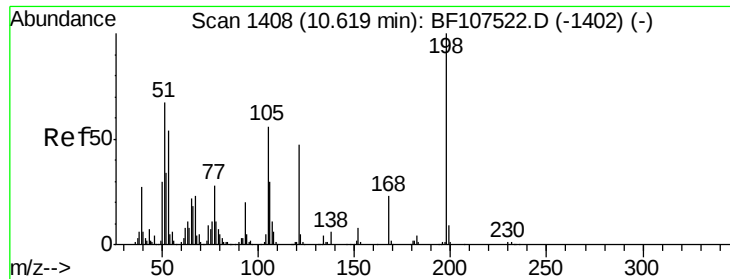
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107563.D
Acq: 21 Jul 2018 9:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.0	9.2	13.8

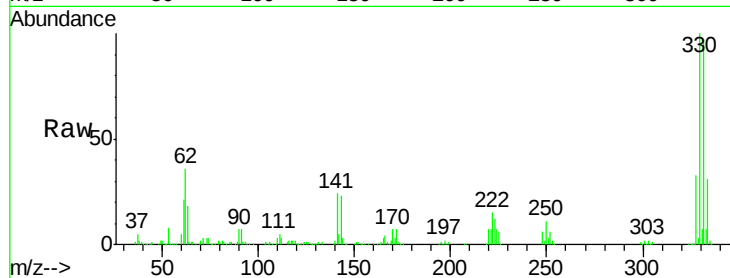




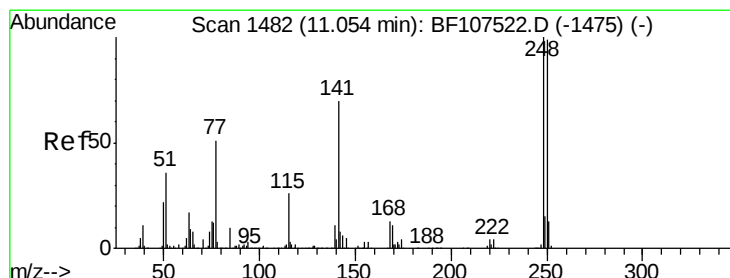
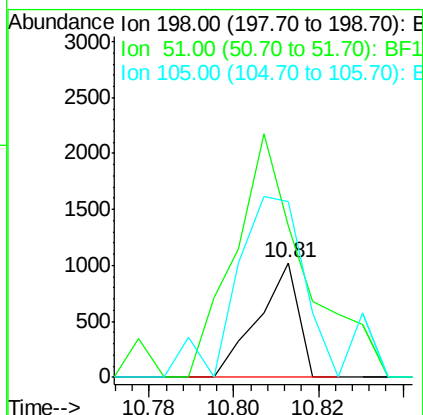
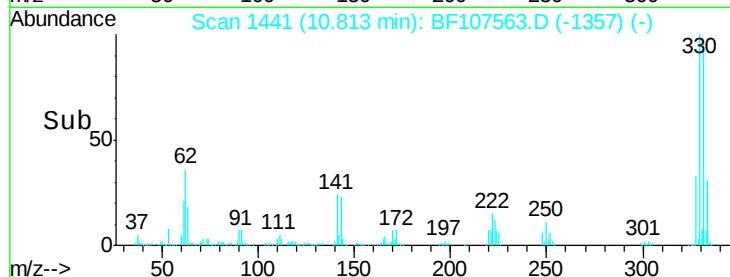
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.825 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF107563.D
 Acq: 21 Jul 2018 9:24

Instrument :
 BNA_F
 ClientSampleId :
 071718-DBRI-E-U-S

Tgt Ion:198 Resp: 679
 Ion Ratio Lower Upper
 198 100
 51 132.4 37.7 77.7#
 105 152.7 36.3 76.3#

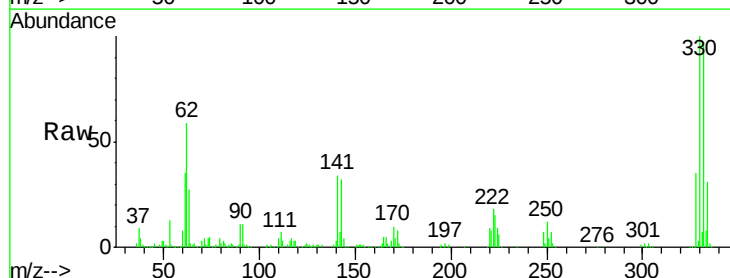


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

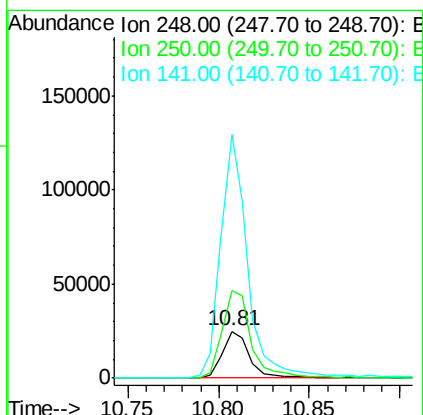
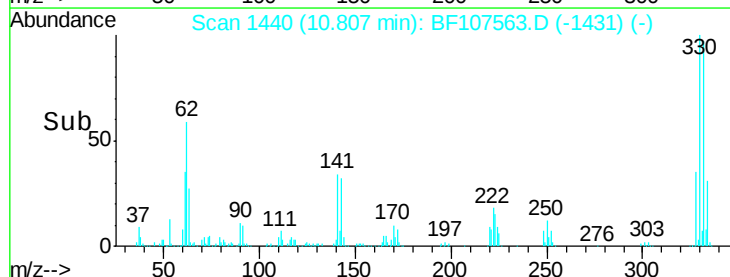


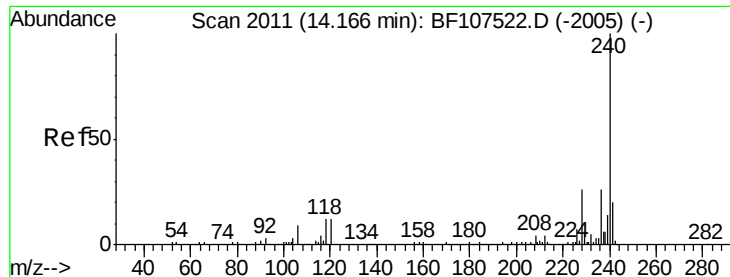
#66
 4-Bromophenyl-phenylether
 Concen: 2.749 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107563.D
 Acq: 21 Jul 2018 9:24

Tgt Ion:248 Resp: 25893
 Ion Ratio Lower Upper
 248 100
 250 187.8 76.9 115.3#
 141 519.9 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-S

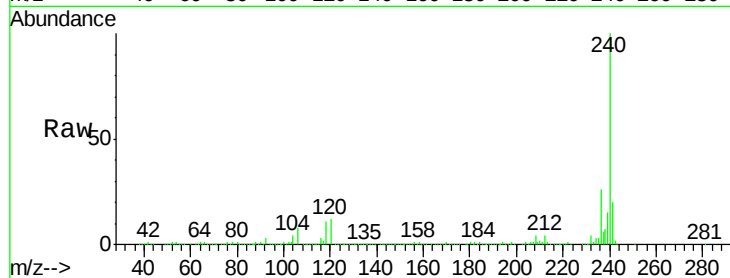
Tgt Ion:240 Resp: 725463

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

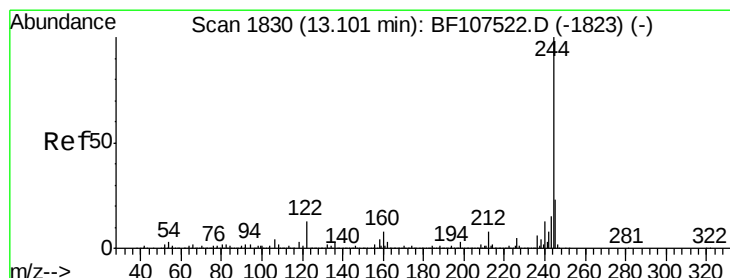
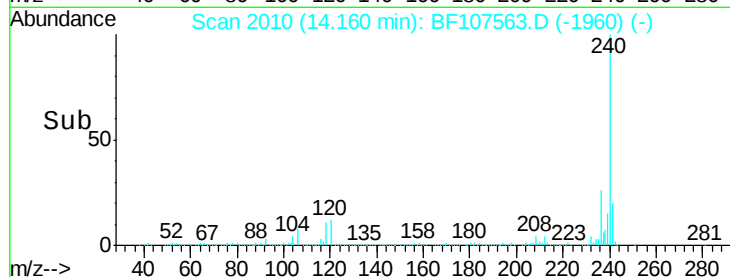
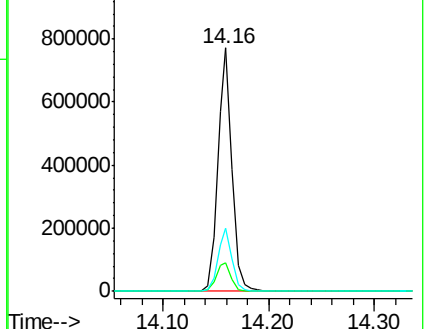
236 25.9 20.7 31.1



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: 83.888 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

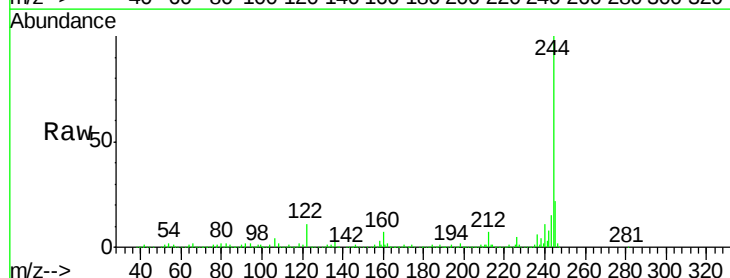
Tgt Ion:244 Resp: 2377178

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

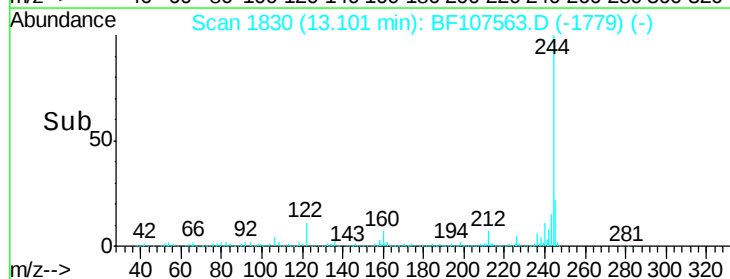
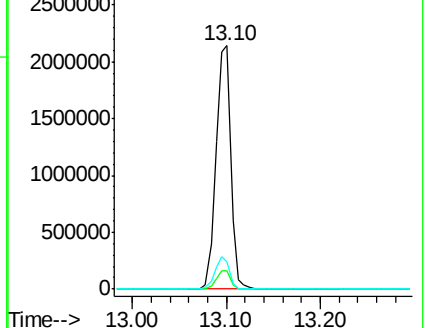
122 11.3 11.0 16.4

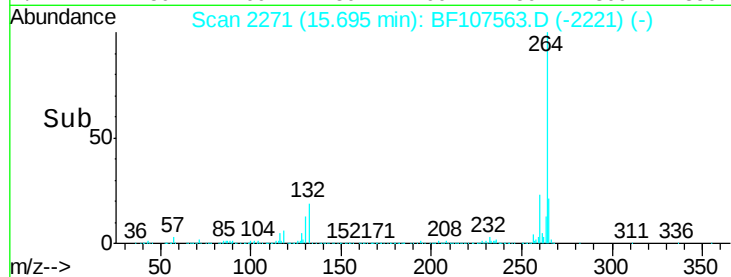
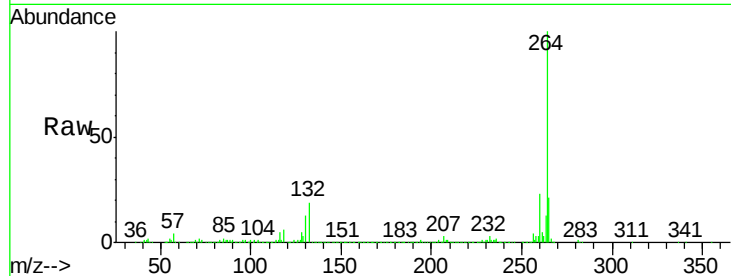
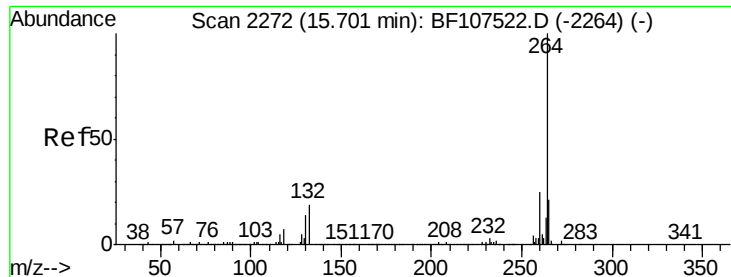


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107563.D

Acq: 21 Jul 2018 9:24

Instrument :

BNA_F

ClientSampleId :

071718-DBRI-E-U-S

Tgt Ion:264 Resp: 533076

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 17.5 26.3

