

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107566.D
 Acq On : 21 Jul 2018 10:43
 Operator : JU/SJ
 Sample : J4061-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

Quant Time: Jul 23 03:27:47 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	301133	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1053011	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	360838	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	646485	20.00	ng	0.00
75) Chrysene-d12	14.16	240	711346	20.00	ng	0.00
86) Perylene-d12	15.69	264	577572	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	714176	38.13	ng	0.00
7) Phenol-d6	6.60	99	611436	27.19	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1578095	101.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	352538	85.92	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2361092	128.76	ng	0.00
78) Terphenyl-d14	13.10	244	2128080	76.59	ng	0.00

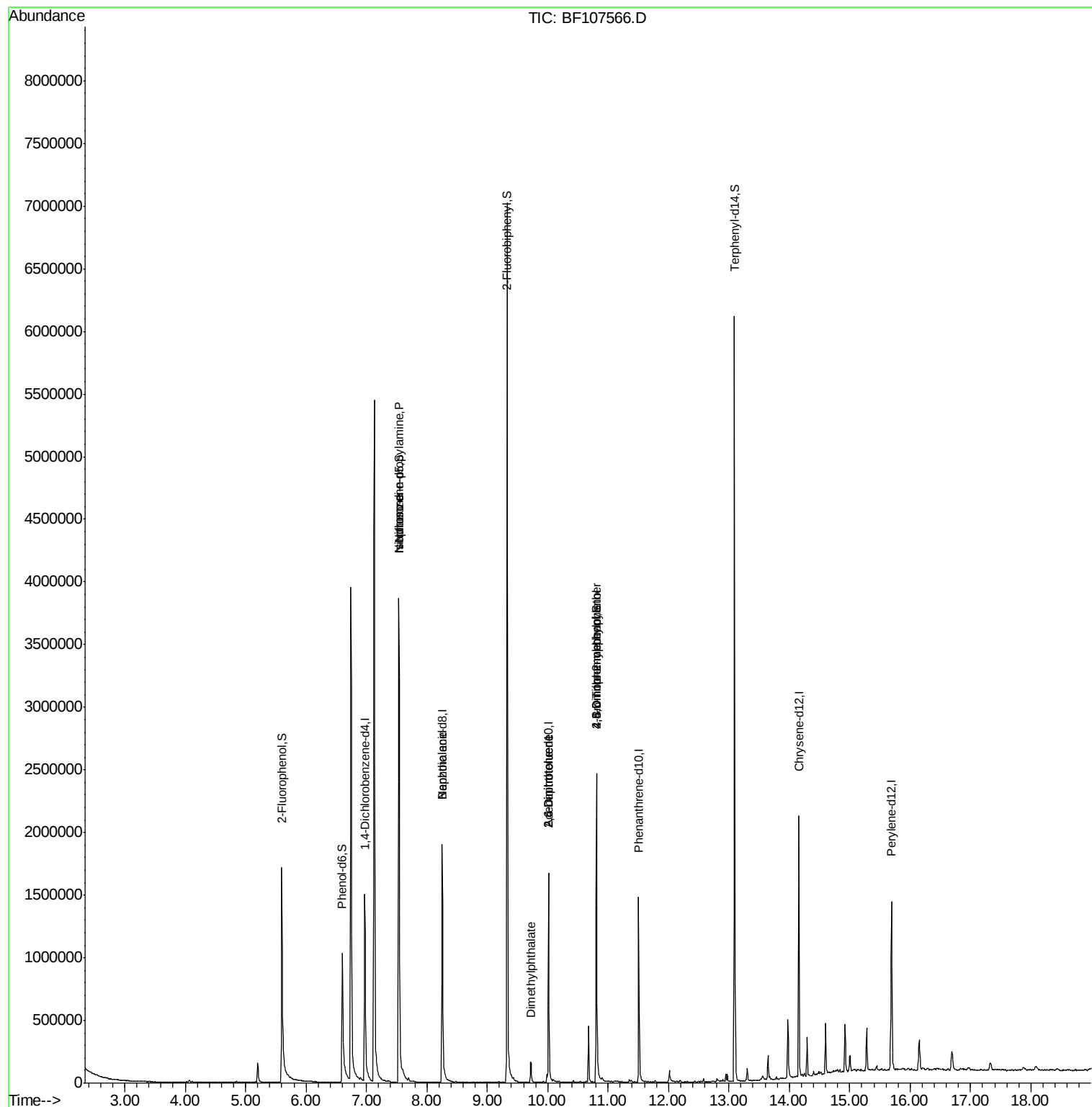
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	210116	14.462	ng	# 82
25) Isophorone	7.54	82	1578184	47.371	ng	# 64
32) Benzoic acid	8.25	122	133	7.911	ng	# 1
49) Dimethylphthalate	9.72	163	81540	2.998	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	45541	8.435	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	45645	7.003	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	545	8.824	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	21297	2.798	ng	# 1
73) Di-n-butylphthalate	12.06	149	1105	Below Cal		# 78
81) 3,3'-Dichlorobenzidine	14.14	252	115	Below Cal		# 27

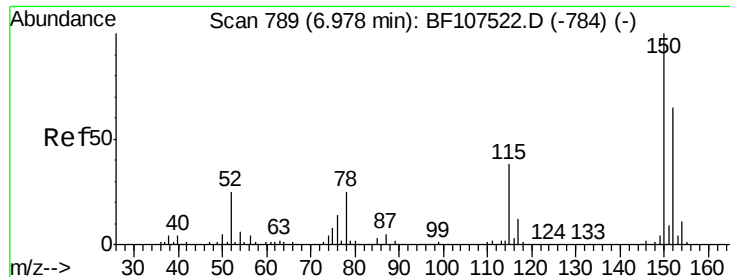
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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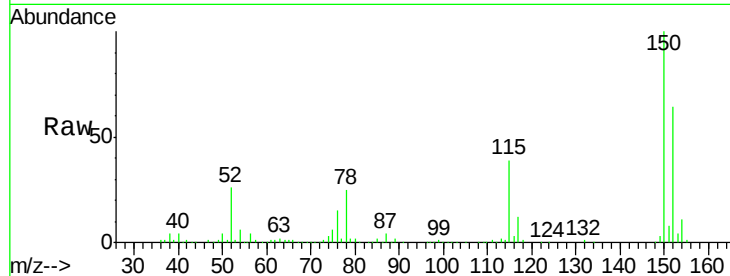


#1

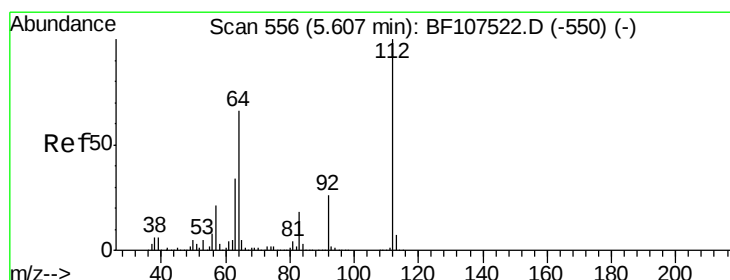
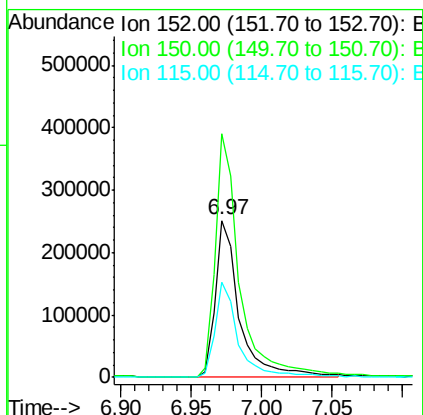
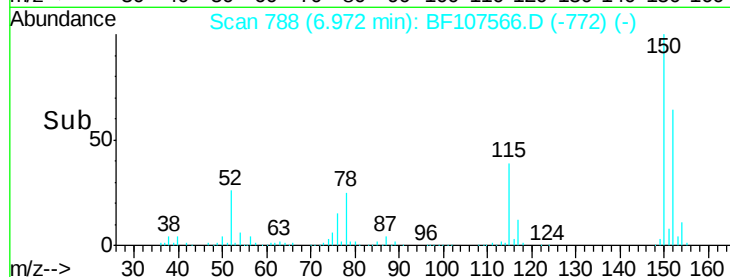
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

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Tgt Ion:152 Resp: 301133
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.3 50.1 75.1



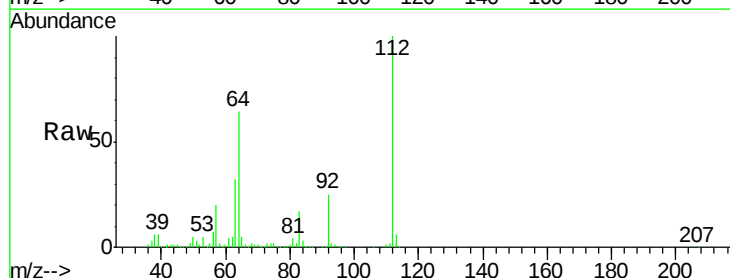
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



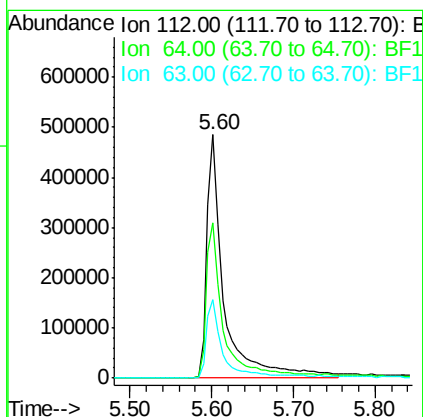
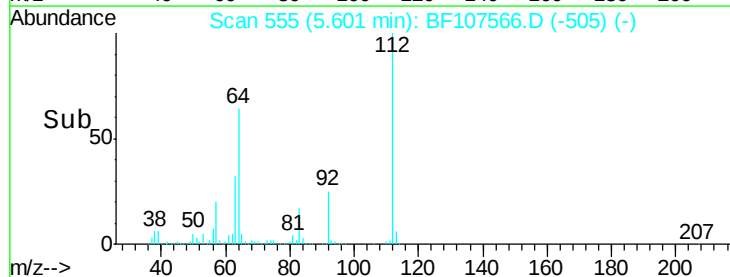
#5

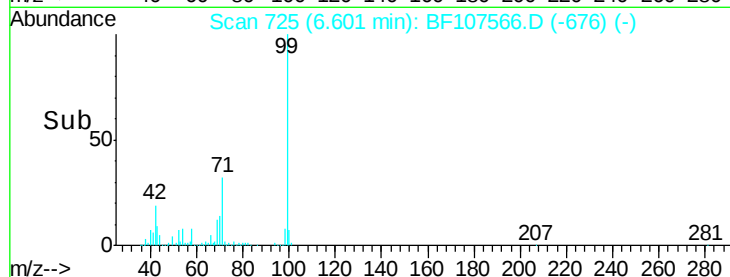
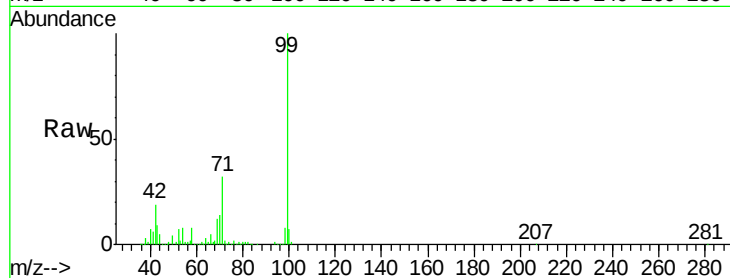
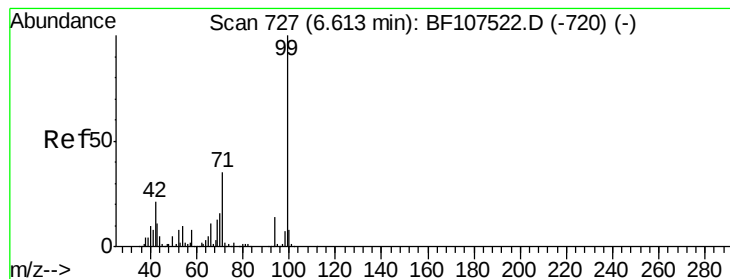
2-Fluorophenol
Concen: 38.131 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Tgt Ion:112 Resp: 714176
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 32.1 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: 27.188 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

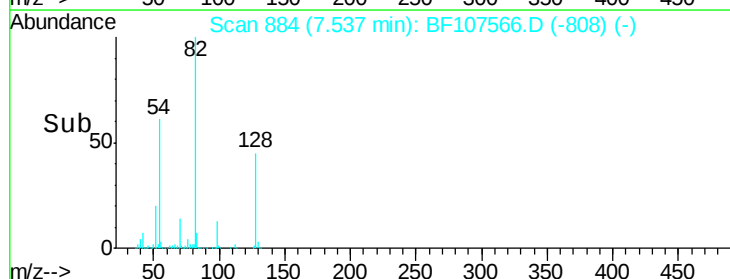
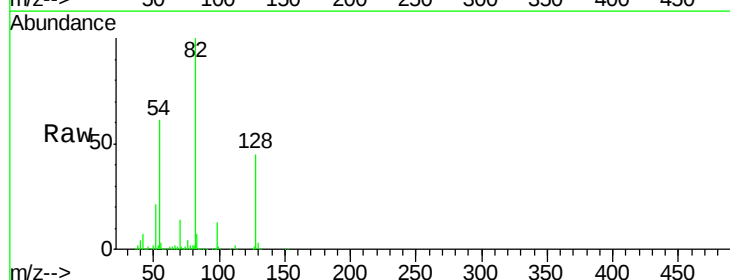
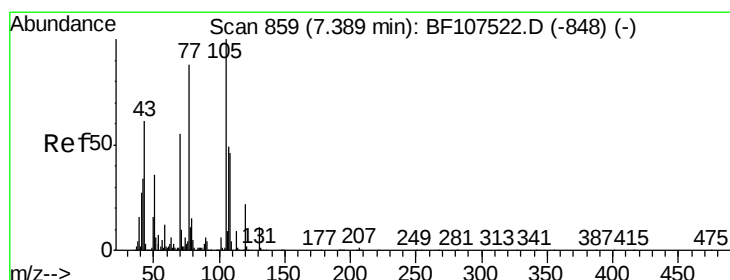
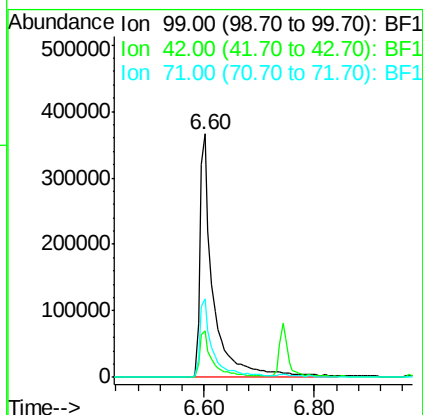
Tgt Ion: 99 Resp: 611436

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.462 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Tgt Ion: 70 Resp: 210116

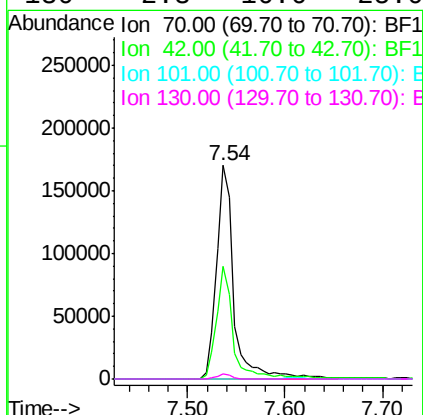
Ion Ratio Lower Upper

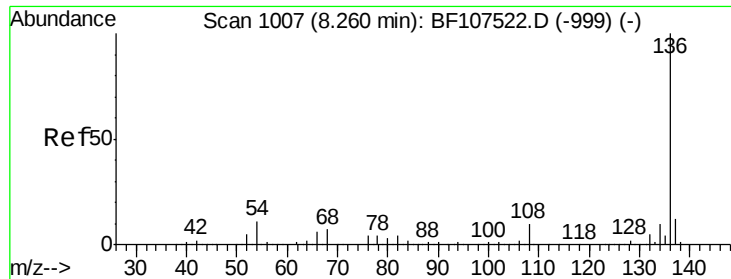
70 100

42 52.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

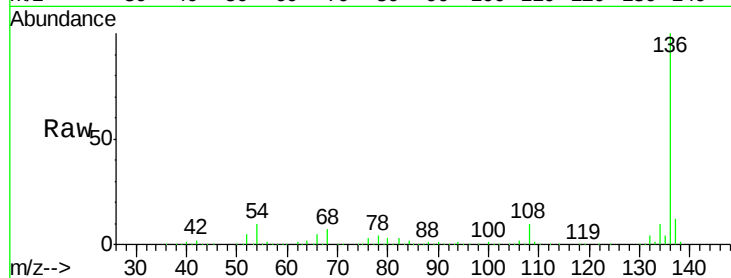




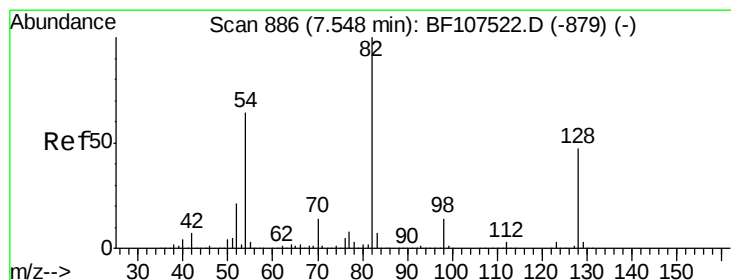
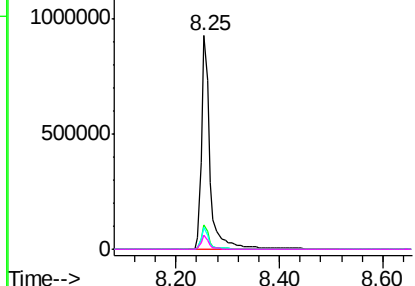
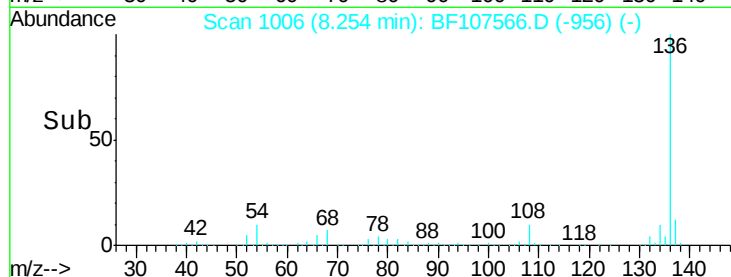
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Instrument :
BNA_F
ClientSampleId :
071718-TIPC-F-U-B

Tgt Ion: 136 Resp: 1053011
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 10.5 6.6 9.8#
68 6.6 5.0 7.4

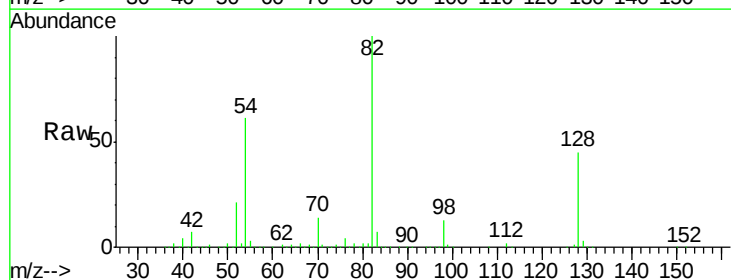


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

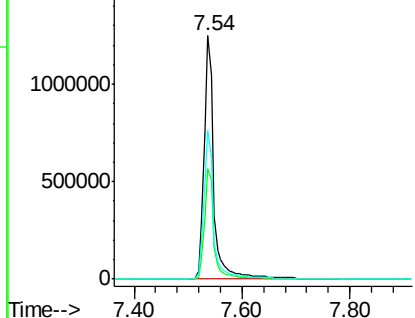
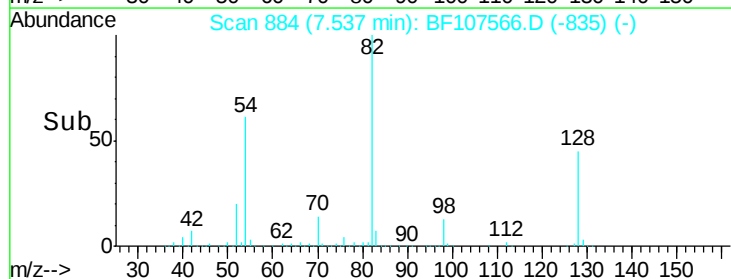


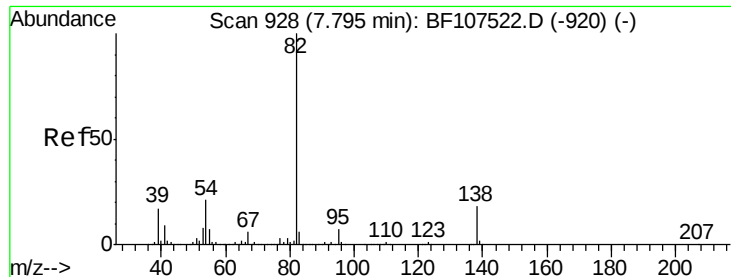
#23
Nitrobenzene-d5
Concen: 101.140 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Tgt Ion: 82 Resp: 1578095
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 61.1 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: 47.371 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

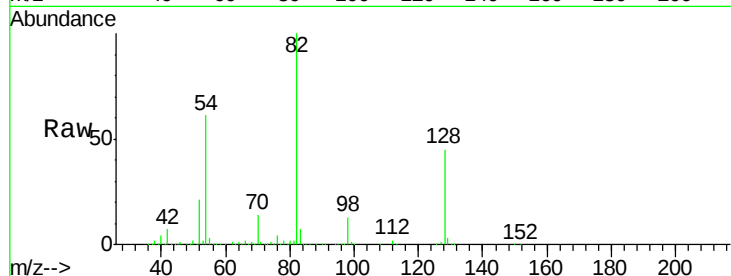
Tgt Ion: 82 Resp: 1578184

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

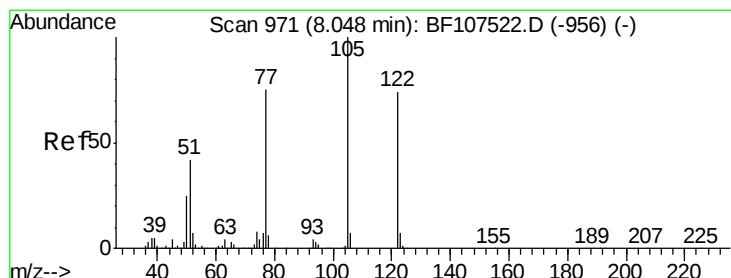
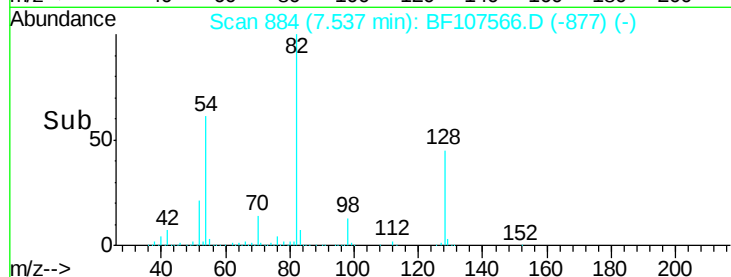
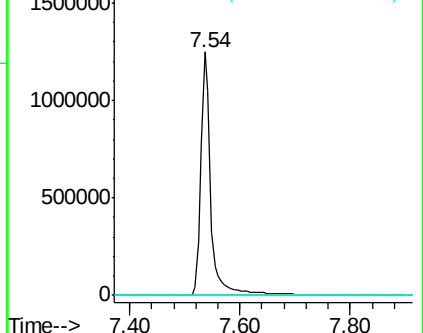
138 0.0 14.9 22.3#



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: BF107566.D

Acq: 21 Jul 2018 10:43

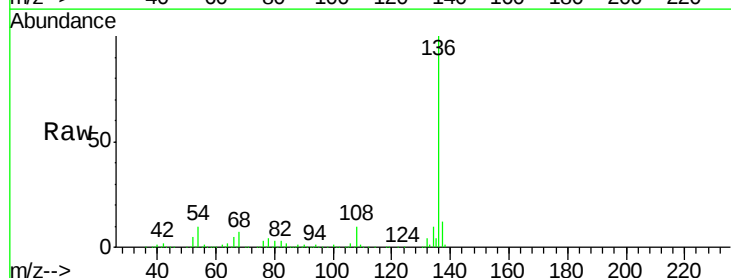
Tgt Ion: 122 Resp: 133

Ion Ratio Lower Upper

122 100

105 248.5 101.1 141.1#

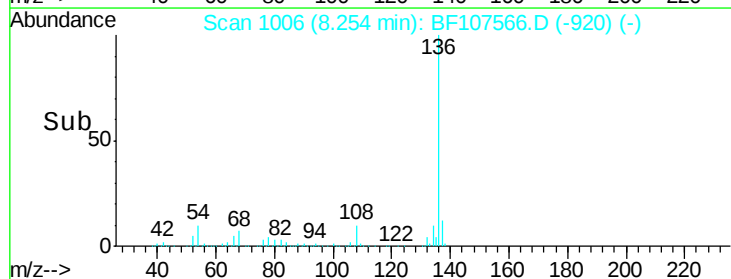
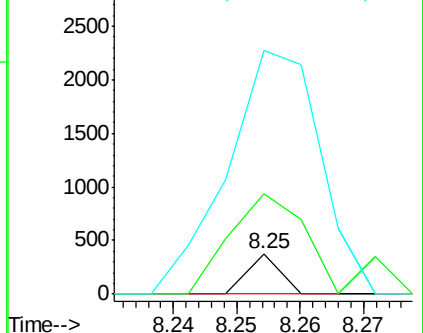
77 602.9 70.7 110.7#

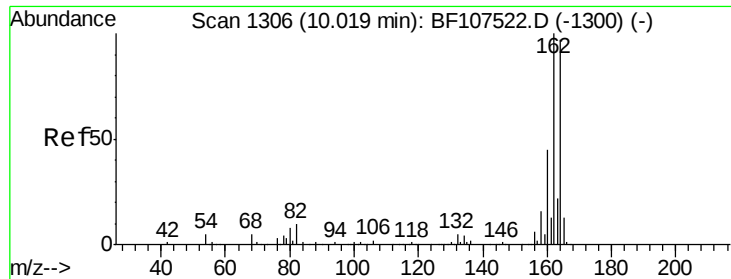


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

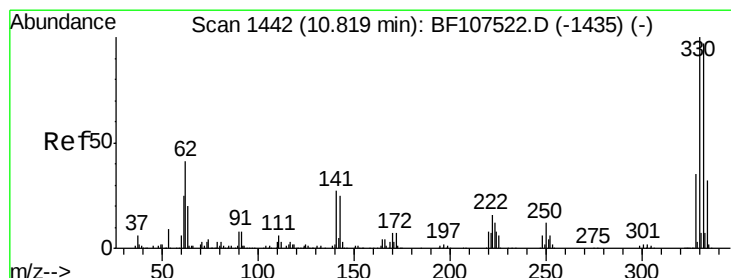
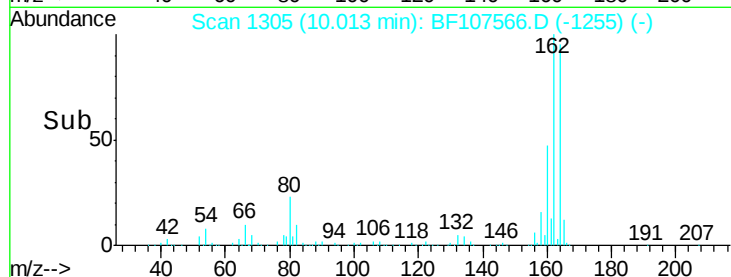
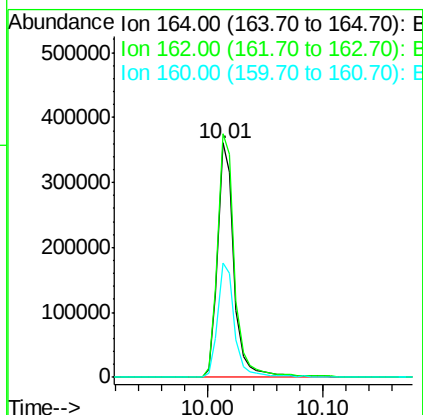
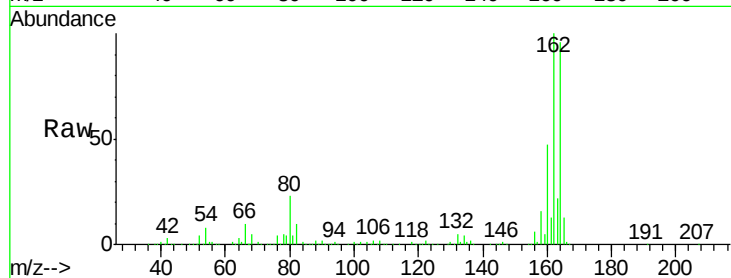




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

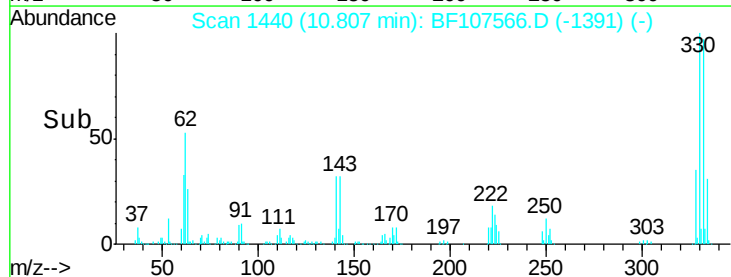
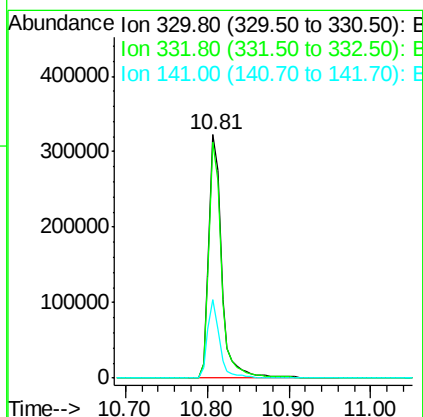
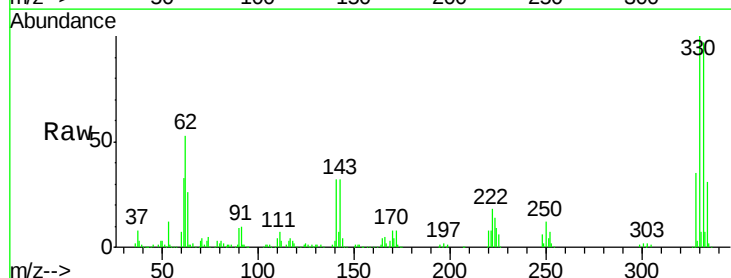
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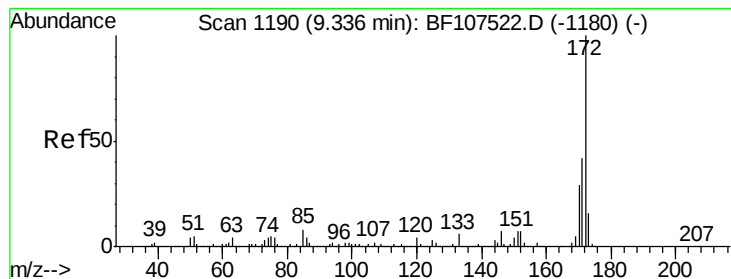
Tgt Ion:164 Resp: 360838
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 48.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.916 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Tgt Ion:330 Resp: 352538
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 30.7 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 128.759 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

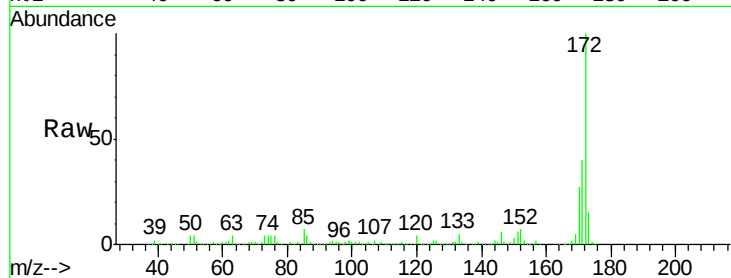
Tgt Ion:172 Resp: 2361092

Ion Ratio Lower Upper

172 100

171 39.9 29.7 44.5

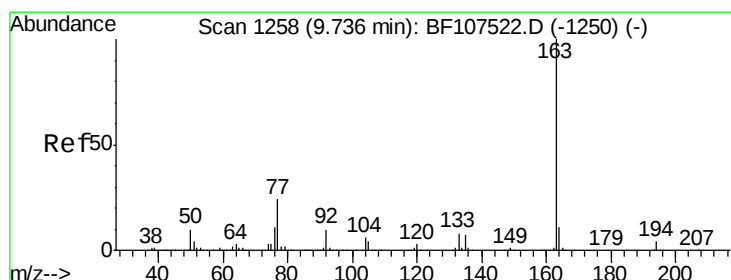
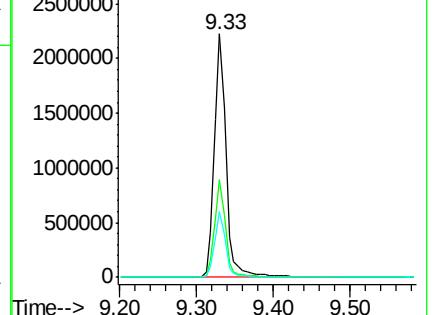
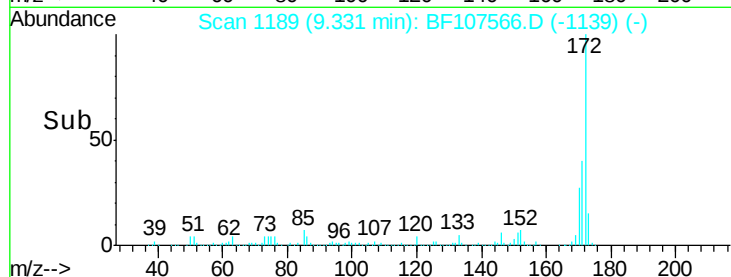
170 27.2 19.6 29.4



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: 2.998 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

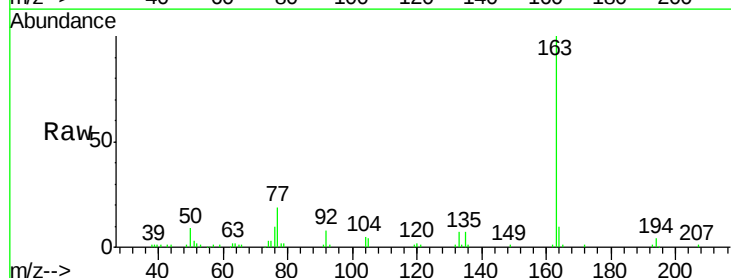
Tgt Ion:163 Resp: 81540

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

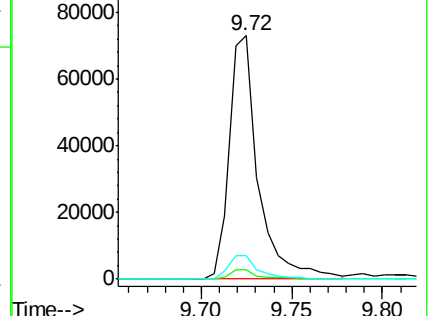
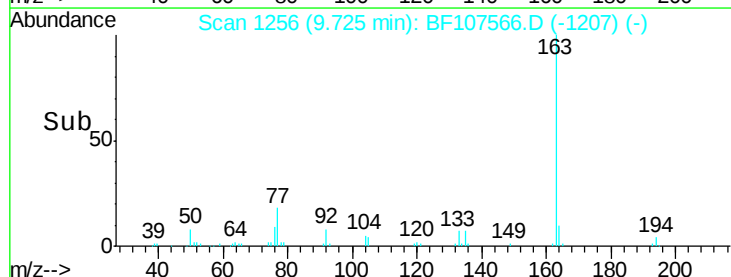
164 9.7 8.2 12.2

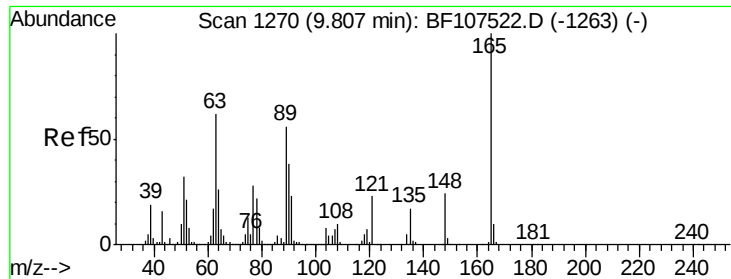


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

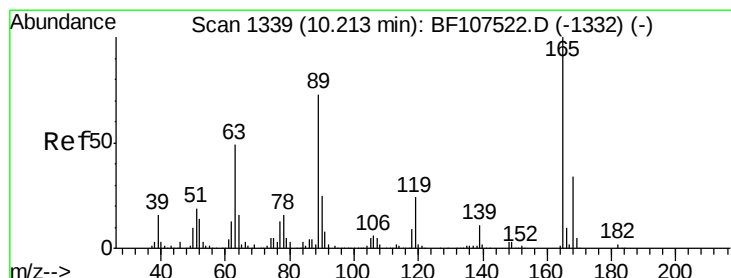
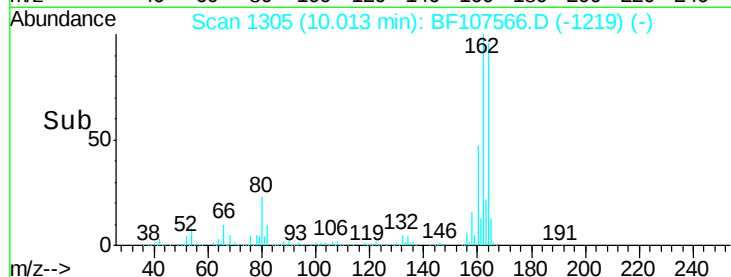
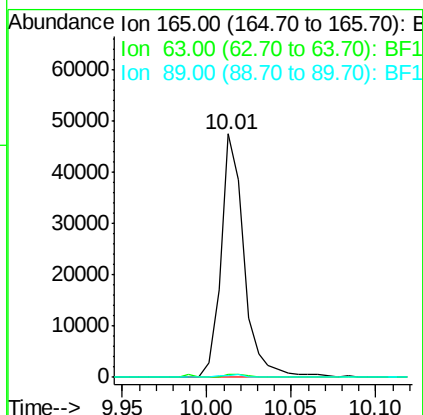
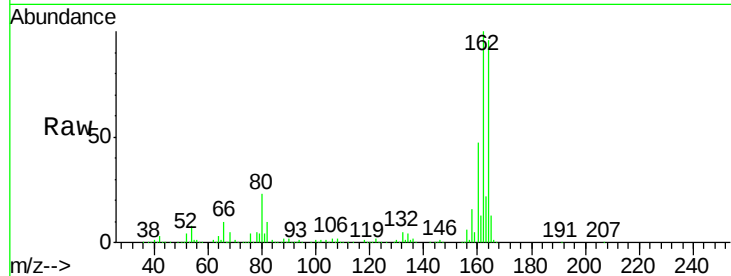




#50
 2,6-Dinitrotoluene
 Concen: 8.435 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

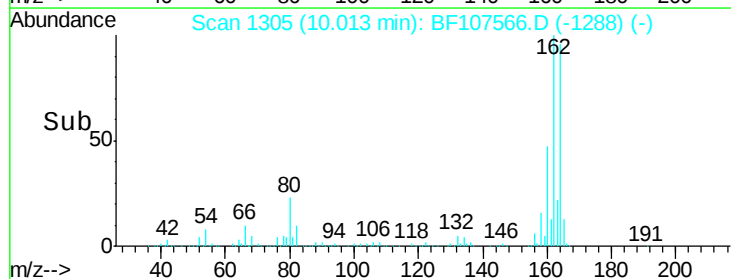
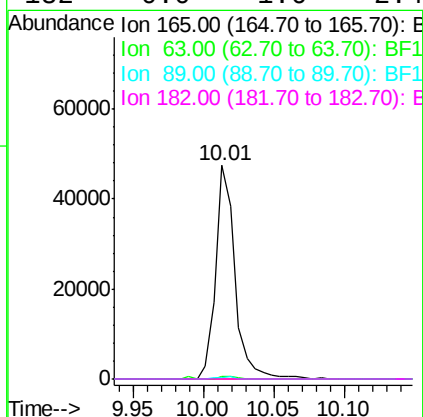
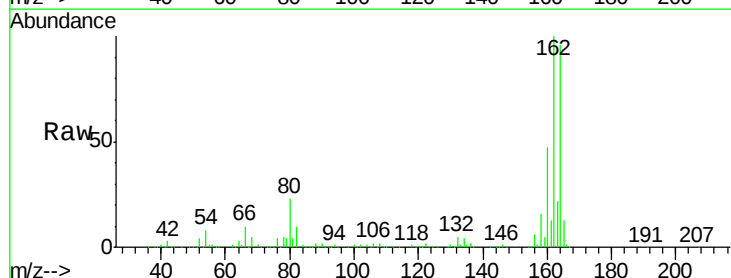
Instrument :
 BNA_F
 ClientSampleId :
 071718-TIPC-F-U-B

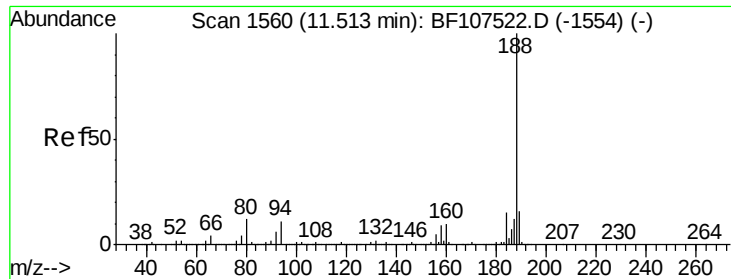
Tgt Ion:165 Resp: 45541
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 0.9 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.003 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.20 min
 Lab File: BF107566.D
 Acq: 21 Jul 2018 10:43

Tgt Ion:165 Resp: 45645
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 0.9 57.8 86.6#
 182 0.0 1.6 2.4#

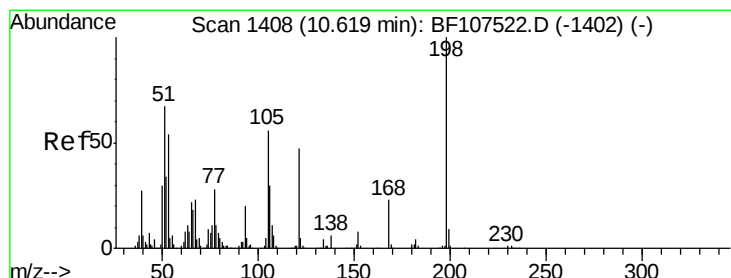
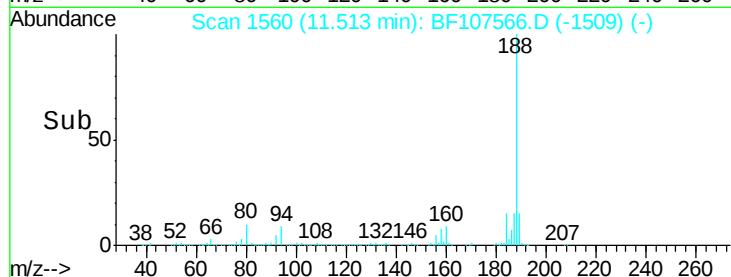
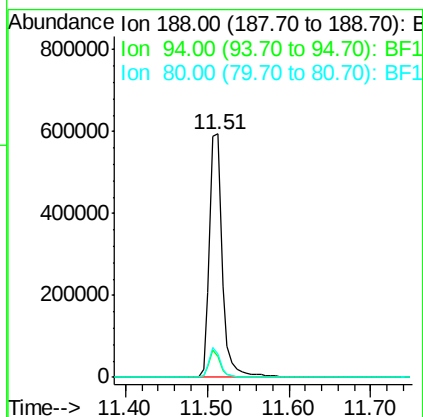
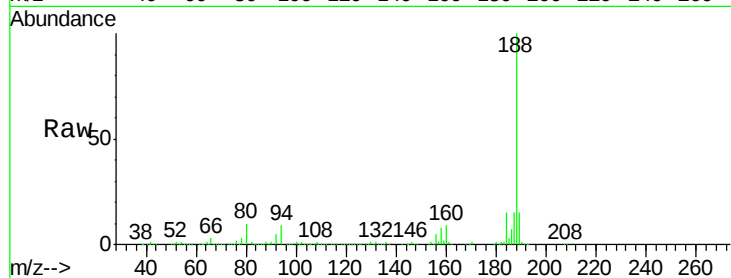




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

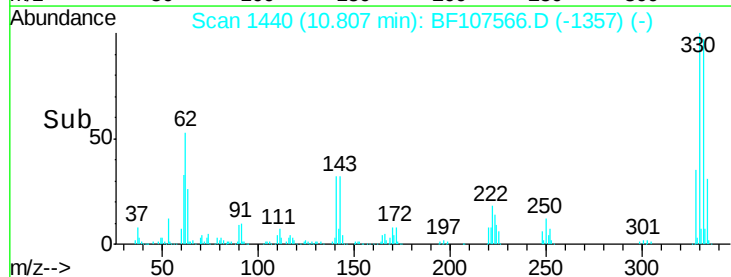
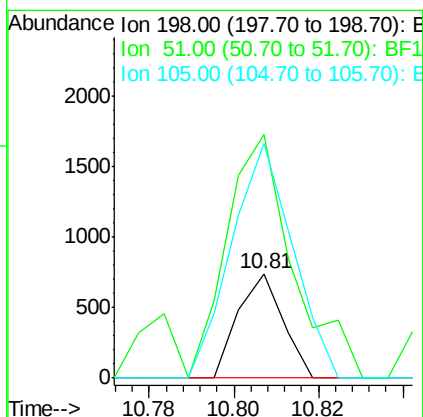
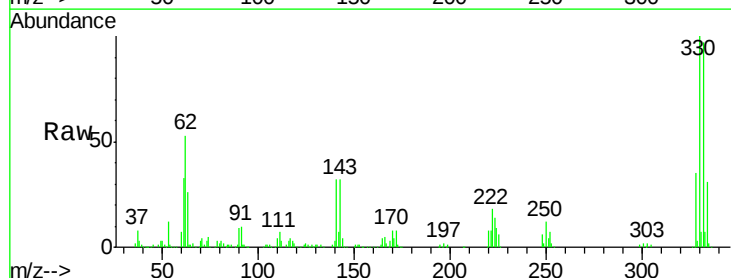
Instrument :
BNA_F
ClientSampleId :
071718-TIPC-F-U-B

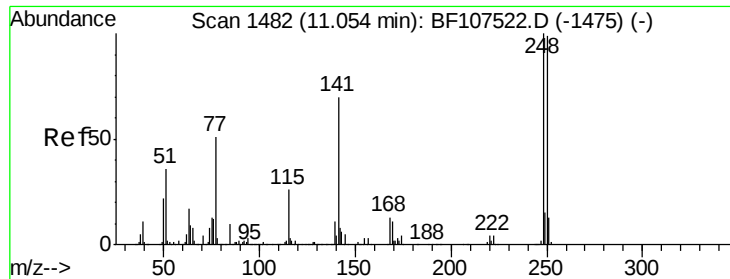
Tgt Ion:188 Resp: 646485
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.824 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Tgt Ion:198 Resp: 545
Ion Ratio Lower Upper
198 100
51 233.2 37.7 77.7#
105 224.8 36.3 76.3#

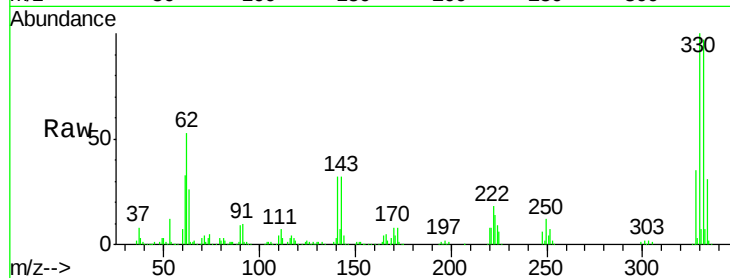




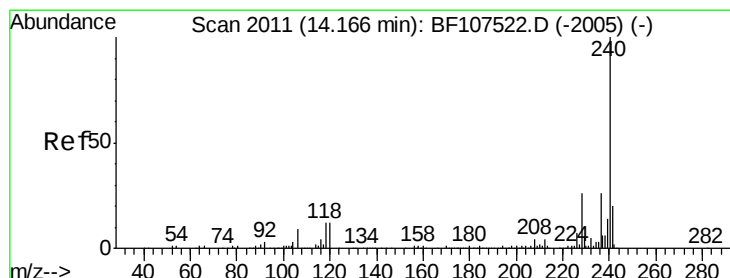
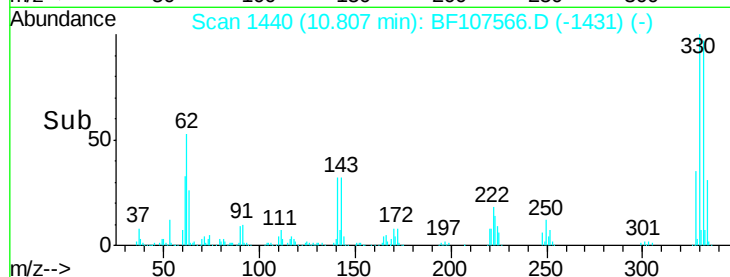
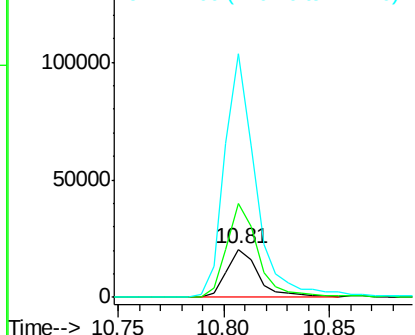
#66
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Instrument :
BNA_F
ClientSampleId :
071718-TIPC-F-U-B

Tgt Ion:248 Resp: 21297
Ion Ratio Lower Upper
248 100
250 193.7 76.9 115.3#
141 505.3 74.4 111.6#

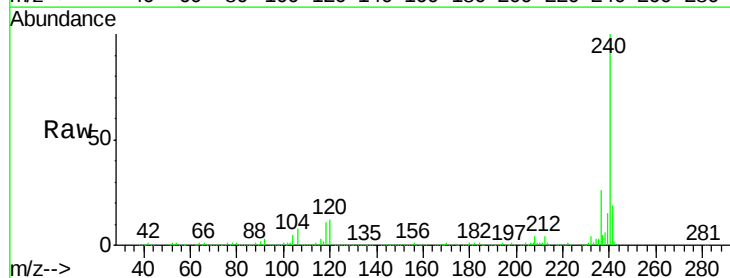


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

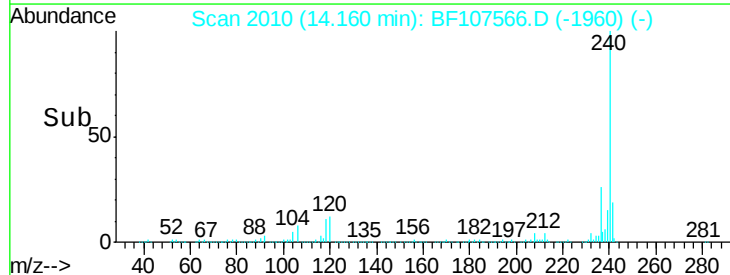
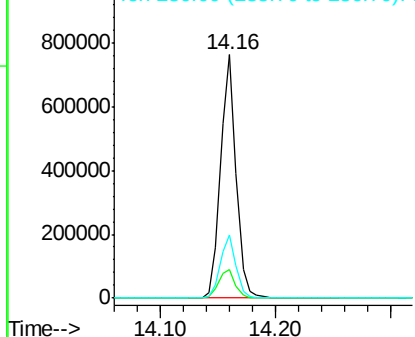


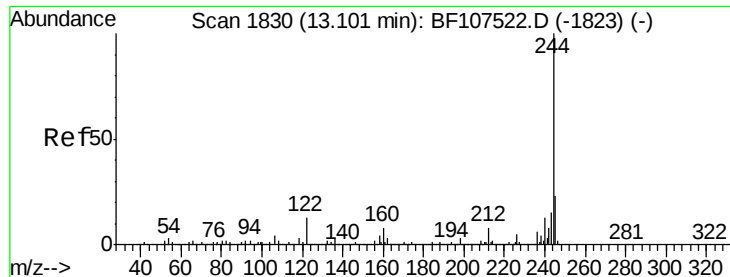
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107566.D
Acq: 21 Jul 2018 10:43

Tgt Ion:240 Resp: 711346
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.0 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: 76.588 ng

RT: 13.10 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF107566.D

Acq: 21 Jul 2018 10:43

Instrument :

BNA_F

ClientSampleId :

071718-TIPC-F-U-B

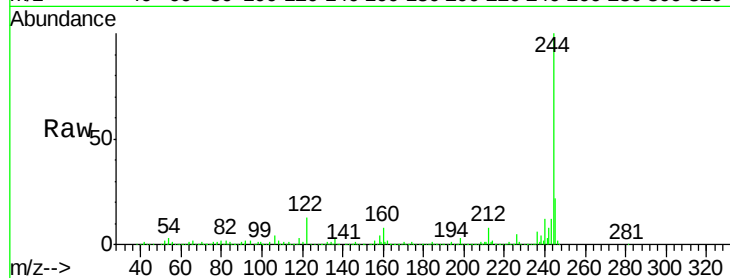
Tgt Ion:244 Resp: 2128080

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

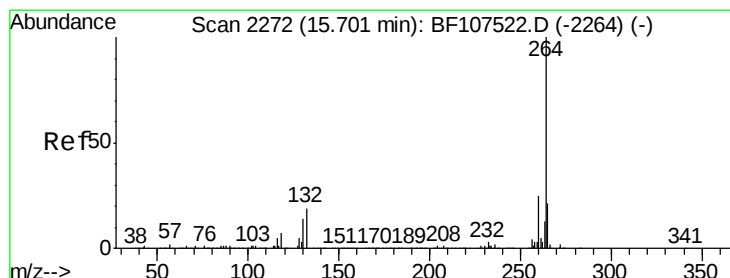
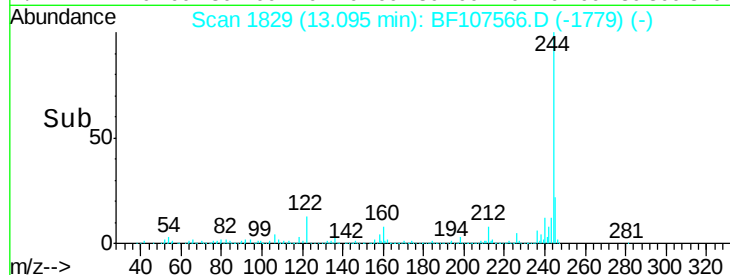
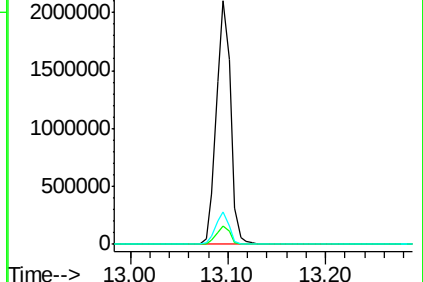
122 13.2 11.0 16.4



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: BF107566.D

Acq: 21 Jul 2018 10:43

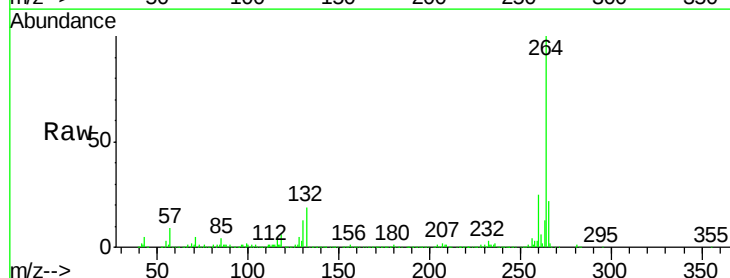
Tgt Ion:264 Resp: 577572

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.2 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

