

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
 Data File : BF107884.D
 Acq On : 1 Aug 2018 13:05
 Operator : JU/SJ
 Sample : PB111656BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

Quant Time: Aug 01 13:59:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

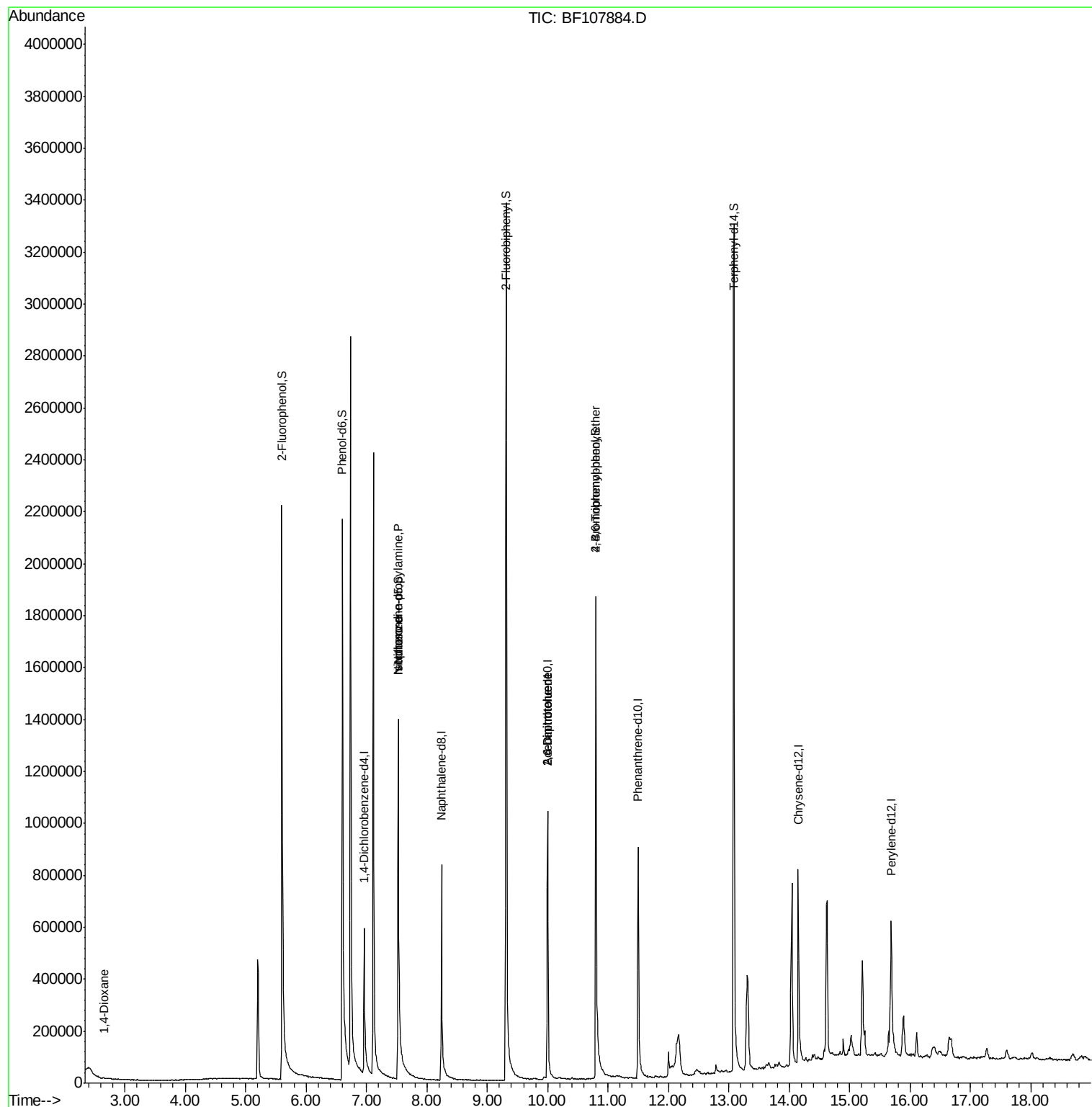
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	131422	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	539980	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	244995	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	510318	20.00	ng	0.00
75) Chrysene-d12	14.15	240	407085	20.00	ng	0.00
86) Perylene-d12	15.69	264	406149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	918132	118.73	ng	0.00
7) Phenol-d6	6.60	99	1134384	111.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	773145	82.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	367073	110.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1478949	84.12	ng	0.00
78) Terphenyl-d14	13.08	244	1444675	76.95	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.65	88	260	5.857	ng	# 47
19) n-Nitroso-di-n-propylamine	7.52	70	92614	14.326	ng	# 83
25) Isophorone	7.52	82	773145	50.251	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	31014	7.756	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	31529	5.999	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	21269	3.576	ng	# 1

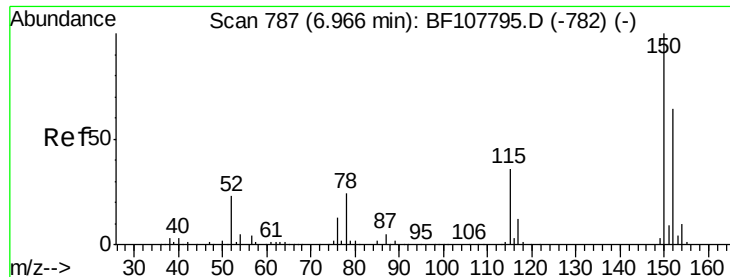
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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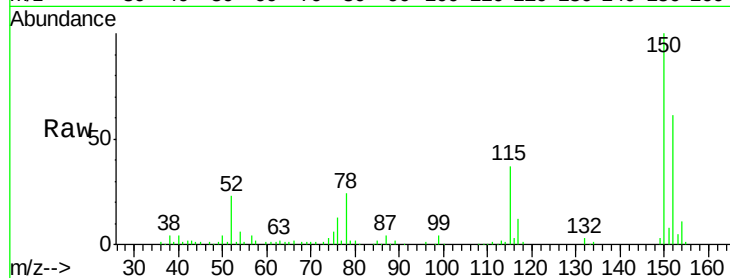


#1

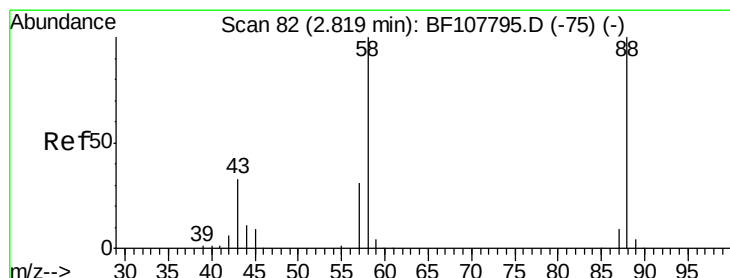
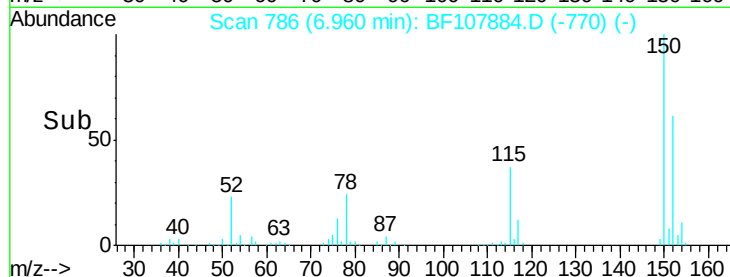
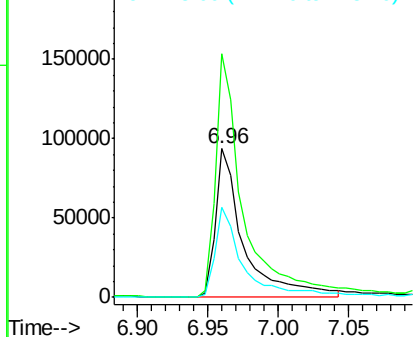
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Instrument :
BNA_F
ClientSampleId :
PB111656BL

Tgt Ion:152 Resp: 131422
Ion Ratio Lower Upper
152 100
150 163.6 124.6 186.8
115 60.1 50.1 75.1



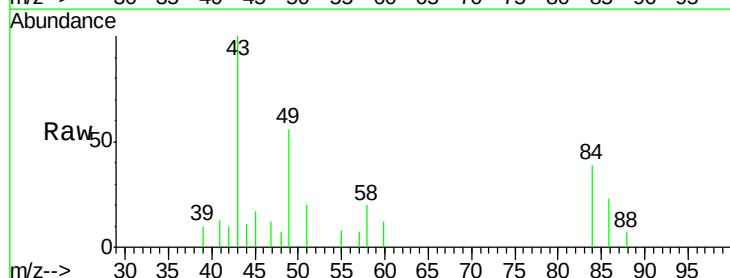
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



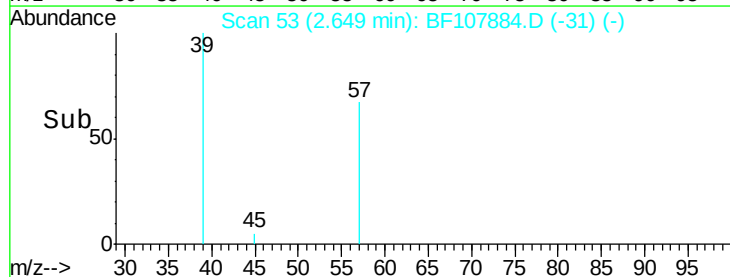
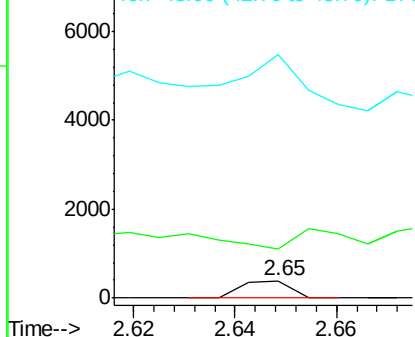
#2

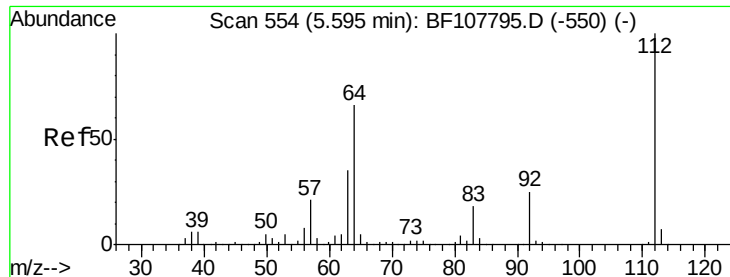
1,4-Dioxane
Concen: 5.857 ng
RT: 2.65 min Scan# 53
Delta R.T. -0.17 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Tgt Ion: 88 Resp: 260
Ion Ratio Lower Upper
88 100
58 122.7 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 118.733 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB111656BL

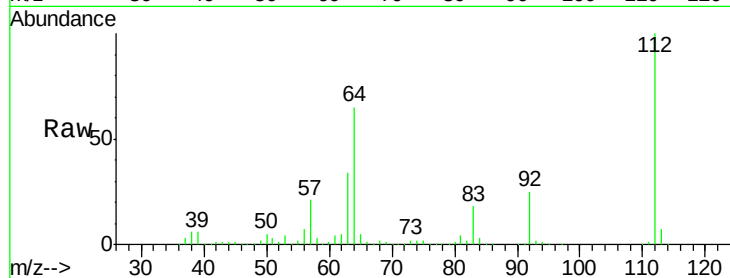
Tgt Ion: 112 Resp: 918132

Ion Ratio Lower Upper

112 100

64 65.3 47.9 71.9

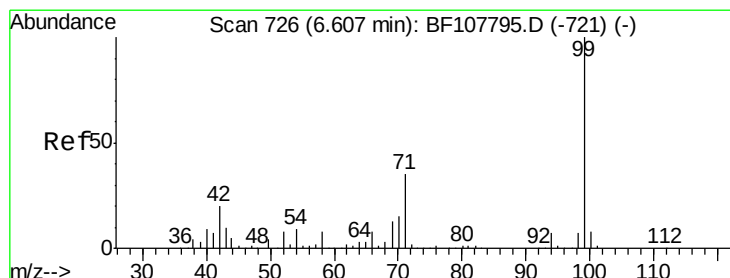
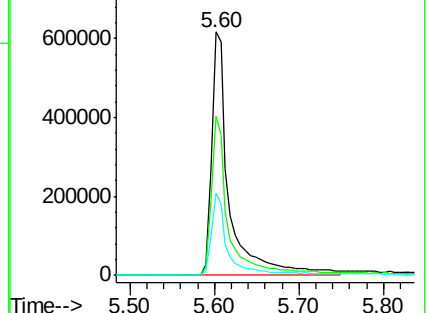
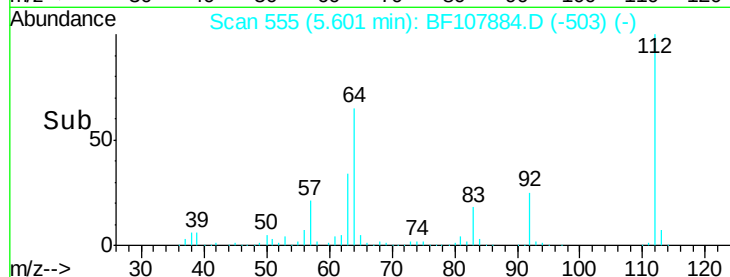
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 111.309 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

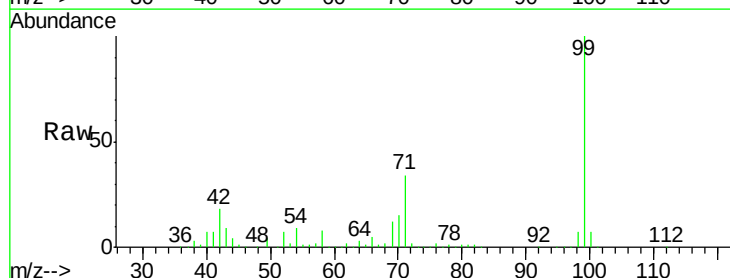
Tgt Ion: 99 Resp: 1134384

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

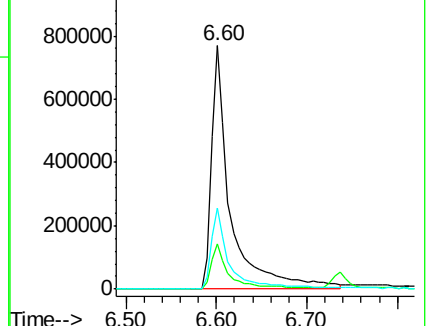
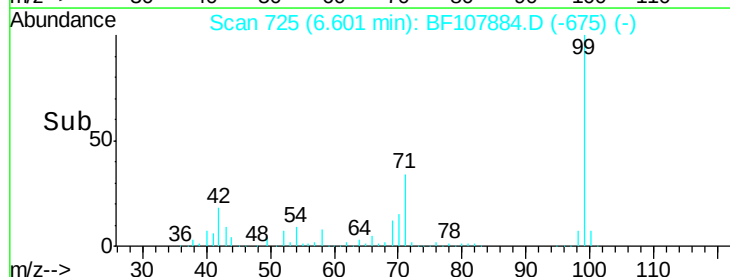
71 33.5 25.4 38.0

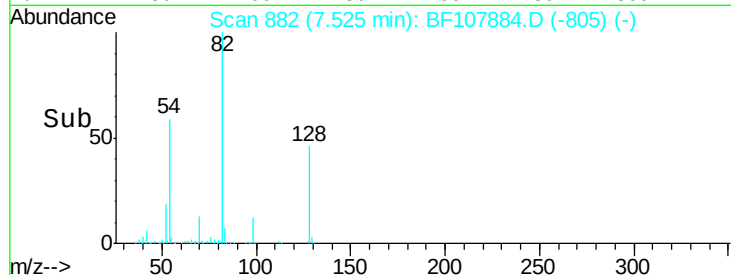
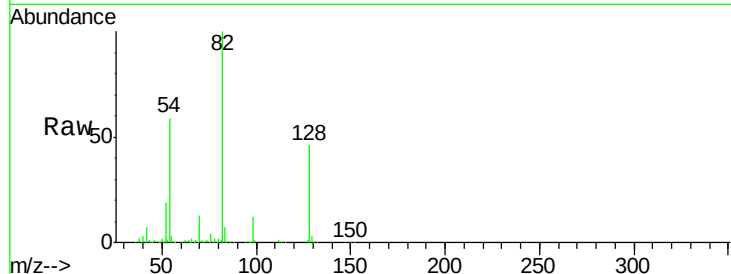
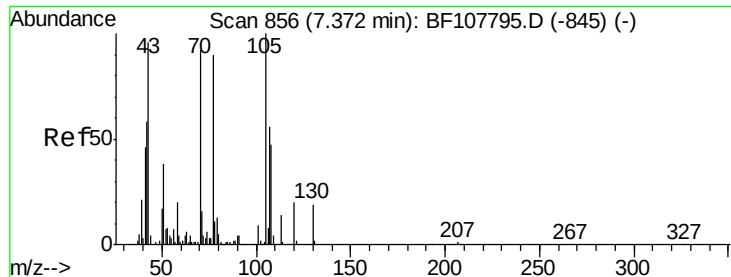


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

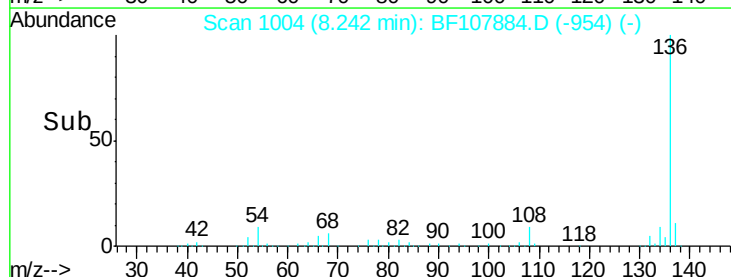
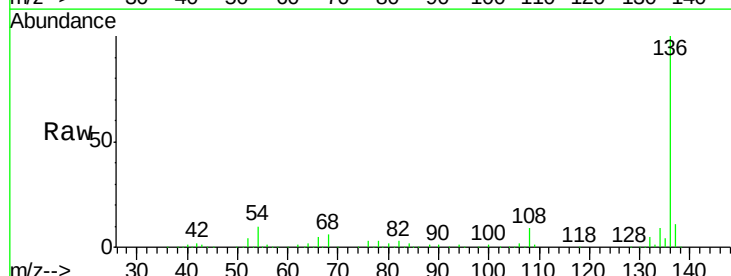
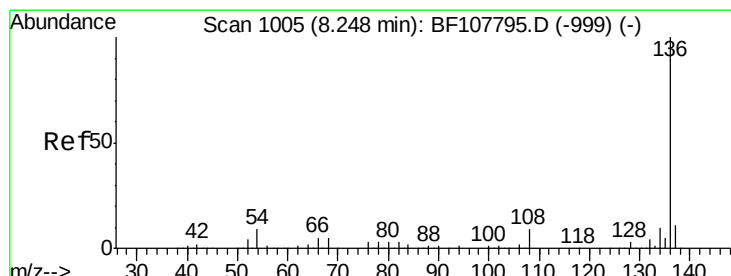
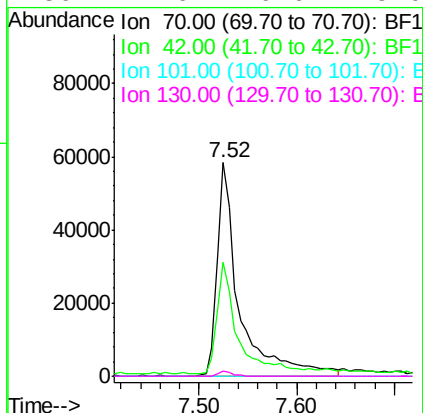




#19
n-Nitroso-di-n-propylamine
Concen: 14.326 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

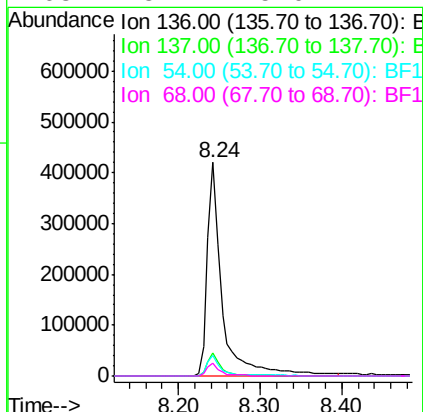
Instrument :
BNA_F
ClientSampleId :
PB111656BL

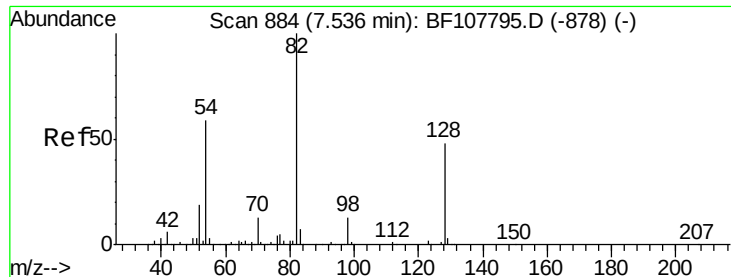
Tgt Ion:	70	Resp:	92614
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Tgt Ion:	136	Resp:	539980
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	5.7	5.0	7.4

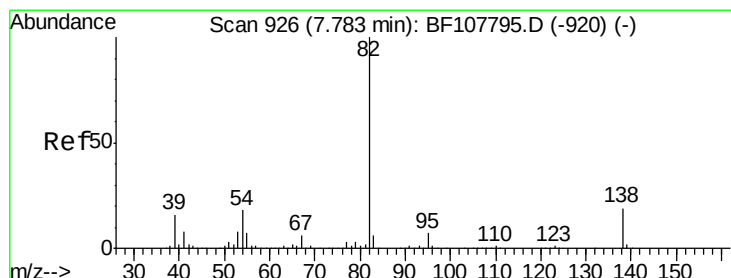
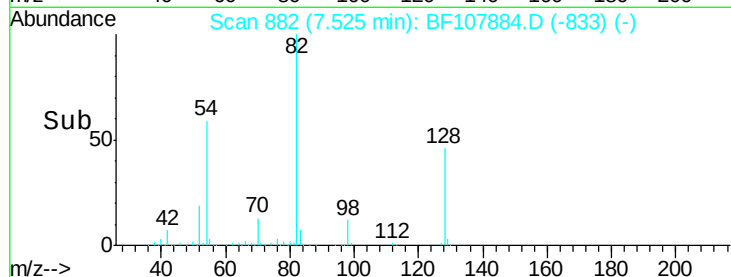
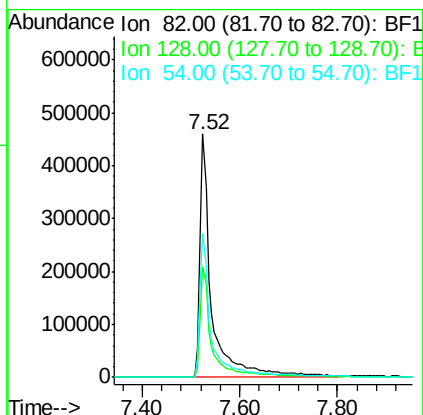
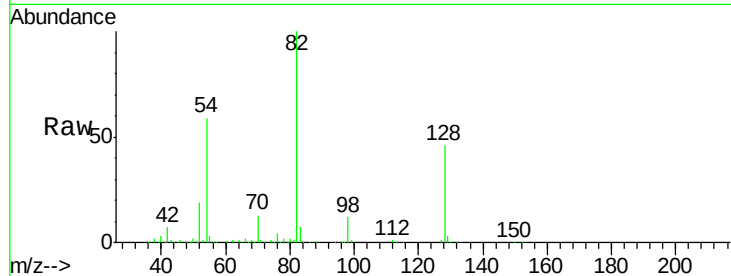




#23
 Nitrobenzene-d5
 Concen: 82.487 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

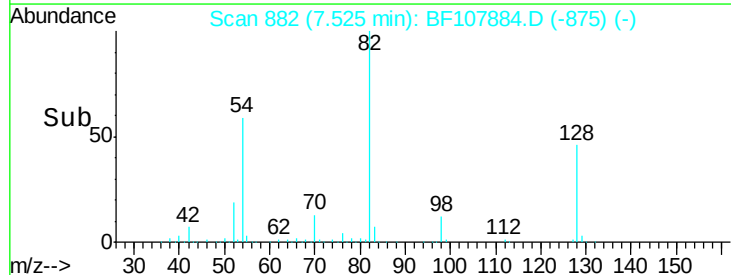
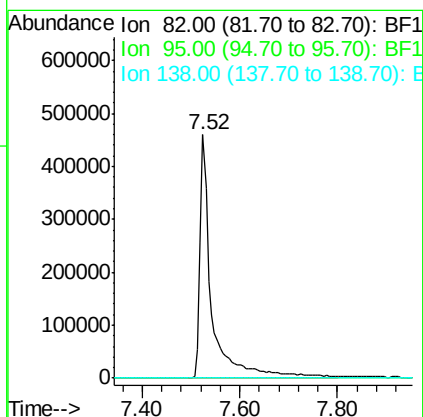
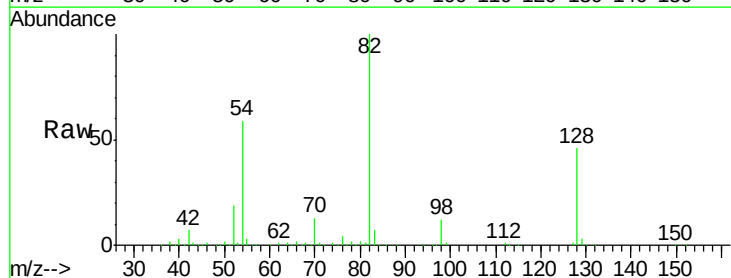
Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

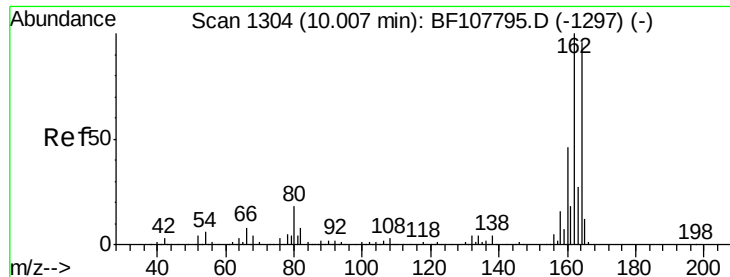
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	59.0	41.4	62.2



#25
 Isophorone
 Concen: 50.251 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB111656BL

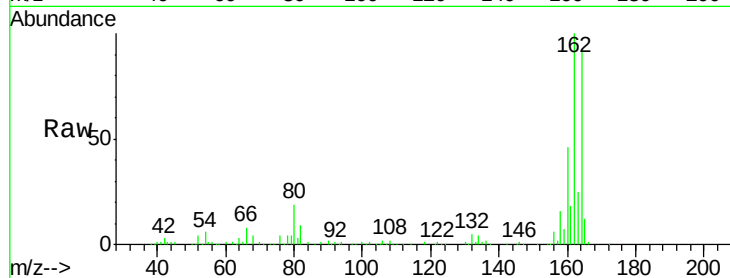
Tgt Ion:164 Resp: 244995

Ion Ratio Lower Upper

164 100

162 107.7 86.1 129.1

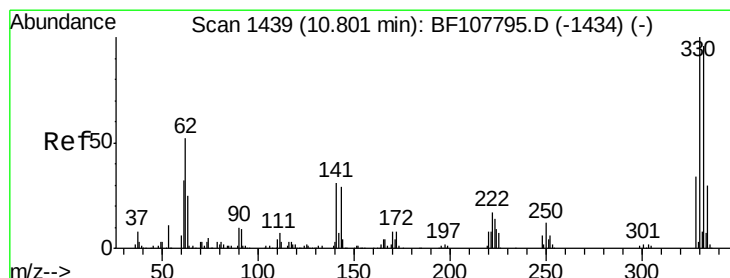
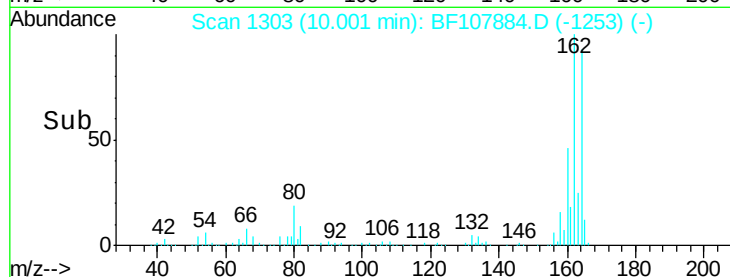
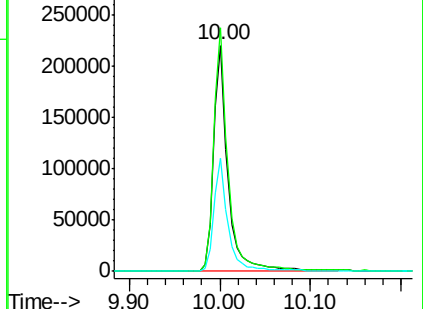
160 49.8 38.3 57.5



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: 110.266 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

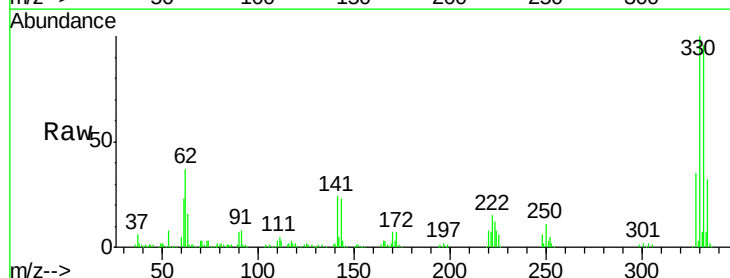
Tgt Ion:330 Resp: 367073

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

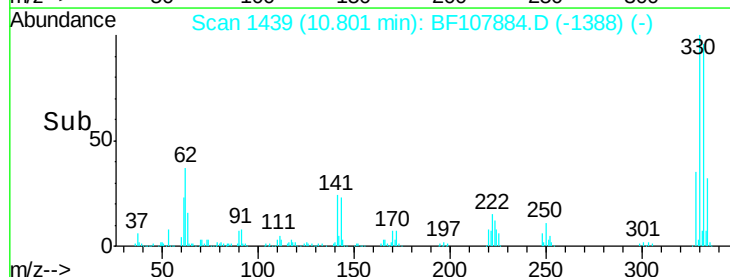
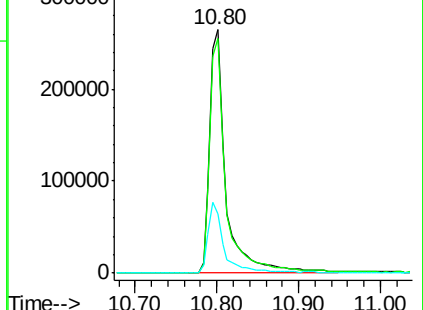
141 29.2 29.9 44.9#

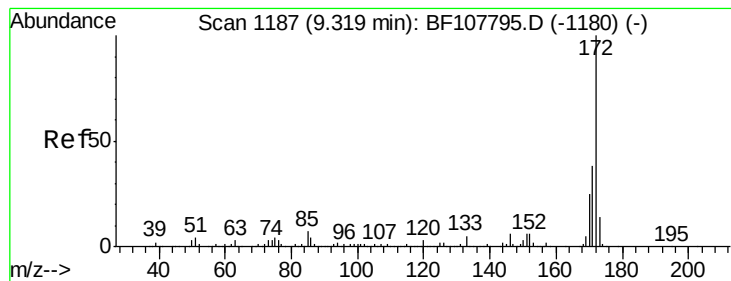


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.120 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

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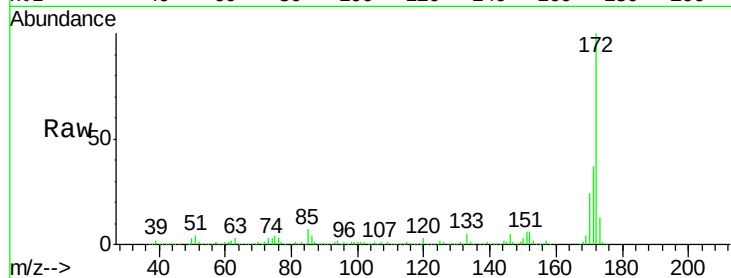
Tgt Ion:172 Resp: 1478949

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

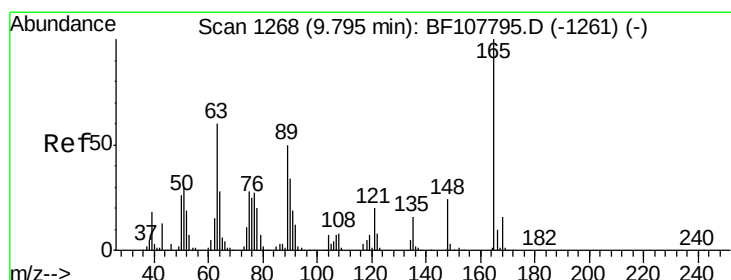
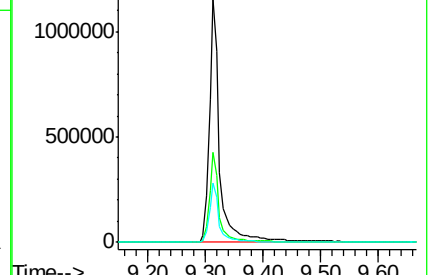
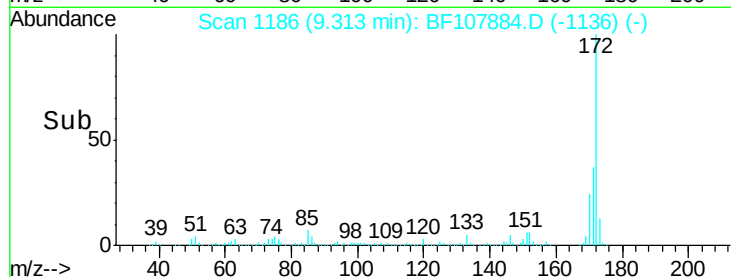
170 24.4 19.6 29.4



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: 7.756 ng

RT: 10.00 min Scan# 1303

Delta R.T. 0.21 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

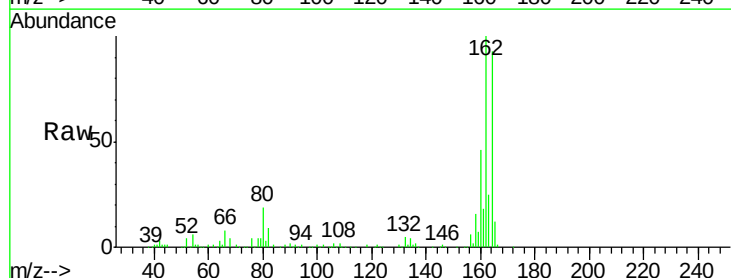
Tgt Ion:165 Resp: 31014

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

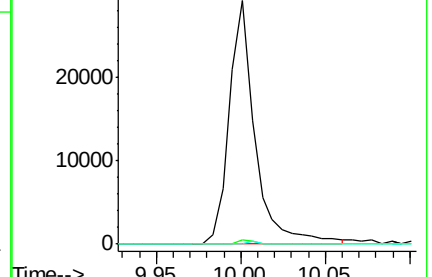
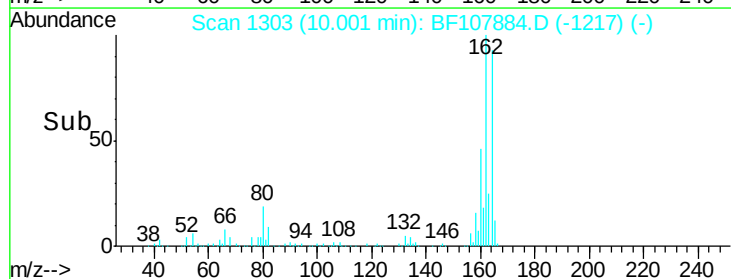
89 0.0 44.0 66.0#

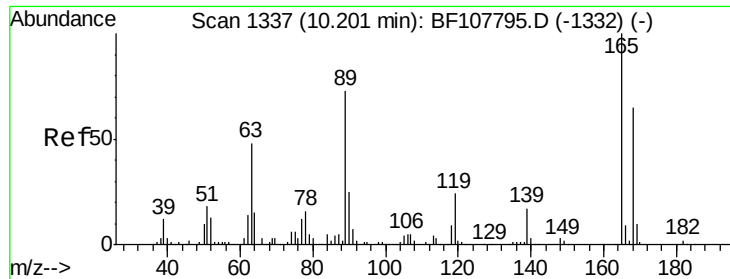


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

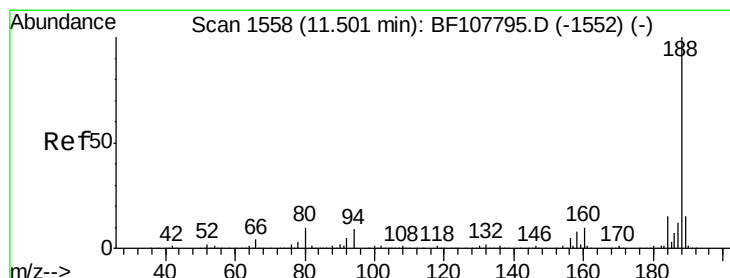
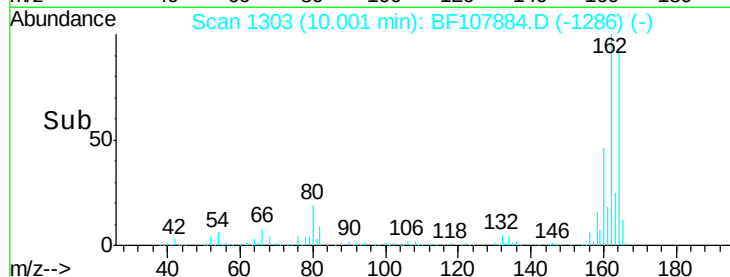
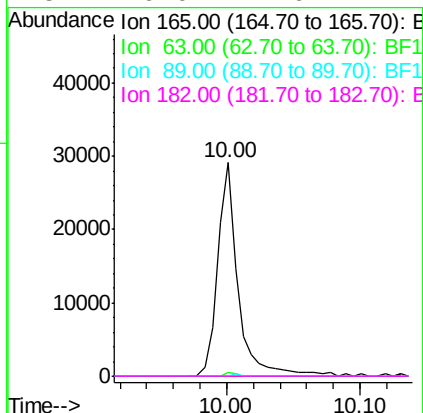
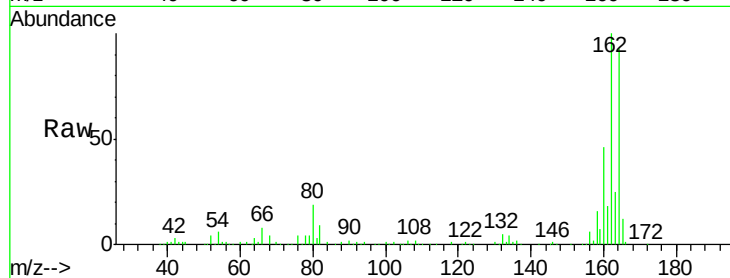




#56
 2,4-Dinitrotoluene
 Concen: 5.999 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

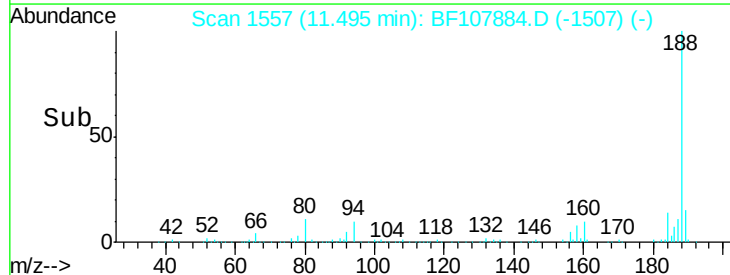
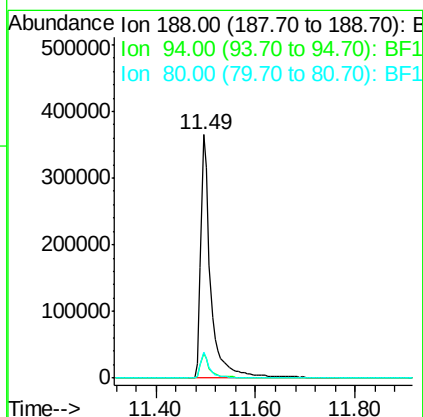
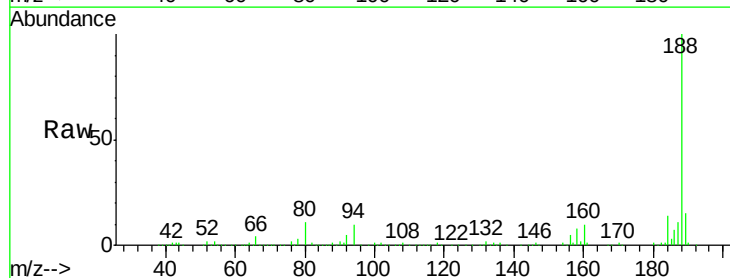
Instrument :
 BNA_F
 ClientSampleId :
 PB111656BL

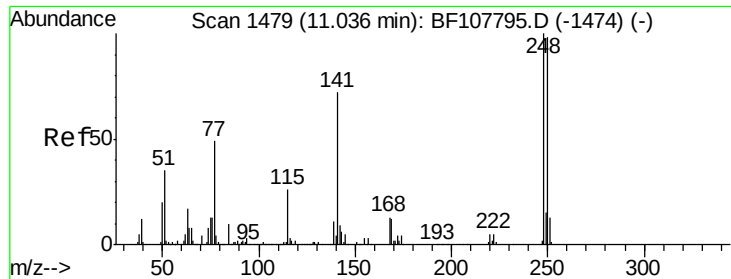
Tgt Ion:165 Resp: 31529
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107884.D
 Acq: 1 Aug 2018 13:05

Tgt Ion:188 Resp: 510318
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.8 9.2 13.8

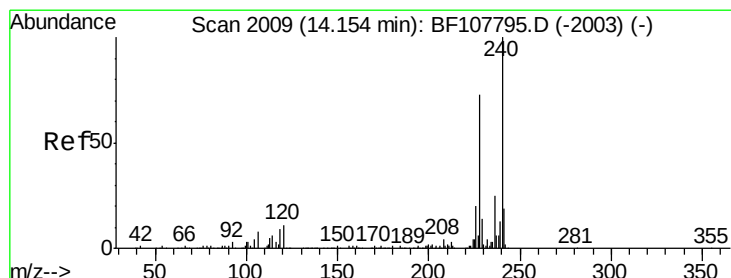
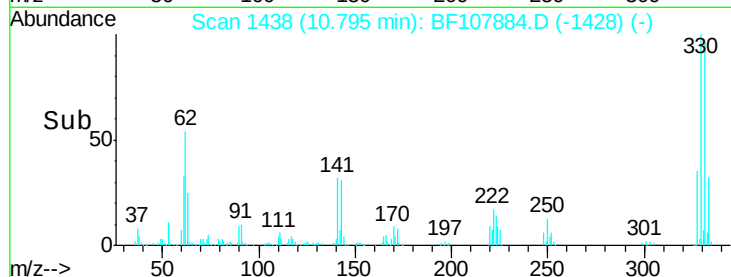
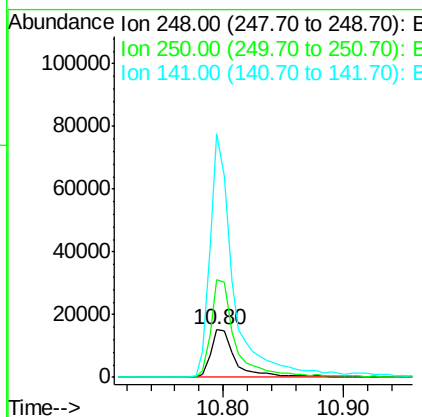
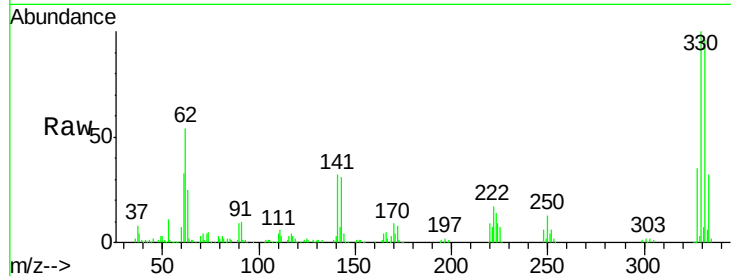




#66
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

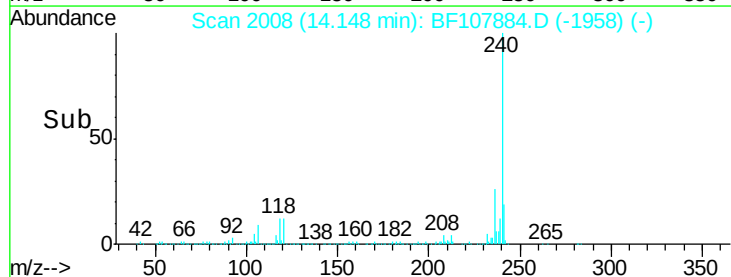
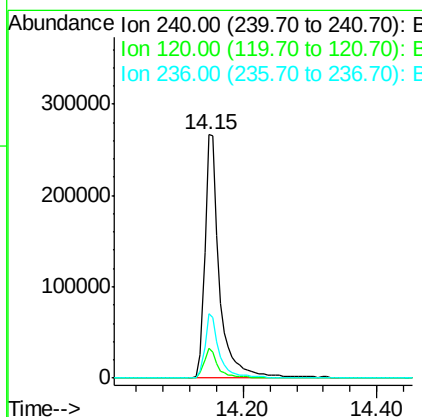
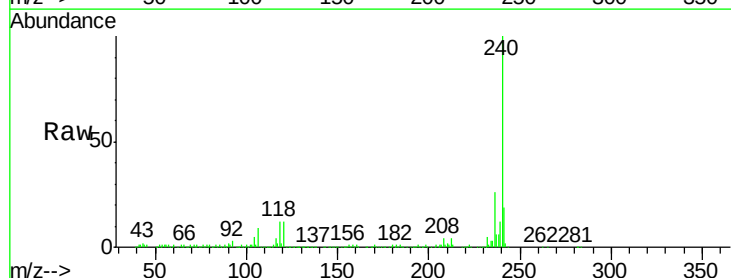
Instrument :
BNA_F
ClientSampleId :
PB111656BL

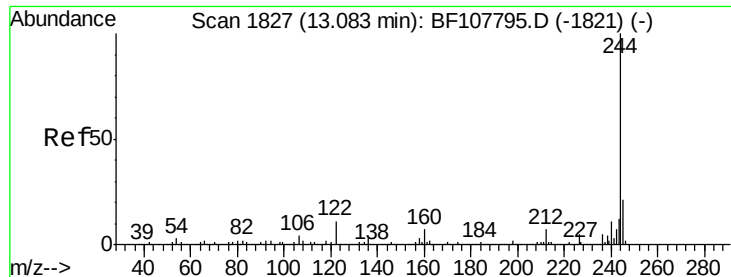
Tgt Ion:248 Resp: 21269
Ion Ratio Lower Upper
248 100
250 206.7 76.9 115.3#
141 516.0 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107884.D
Acq: 1 Aug 2018 13:05

Tgt Ion:240 Resp: 407085
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 76.954 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

Instrument :

BNA_F

ClientSampleId :

PB111656BL

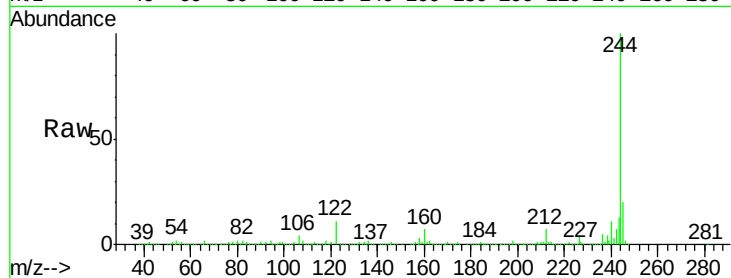
Tgt Ion:244 Resp: 1444675

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

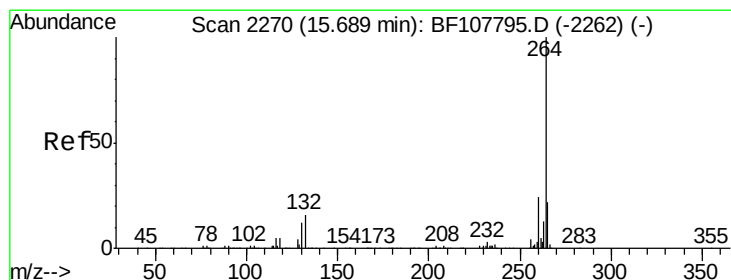
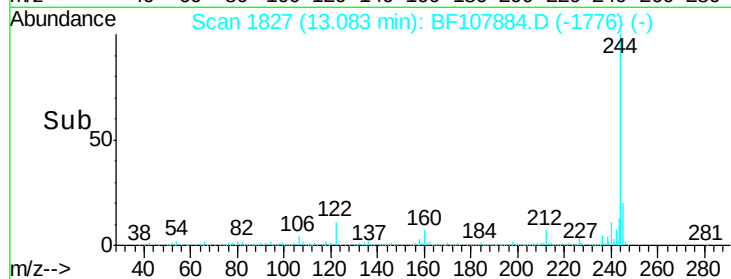
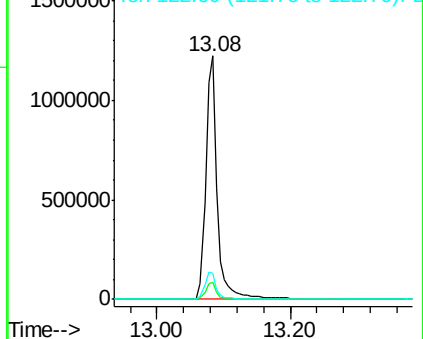
122 10.6 11.0 16.4#



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# 2270

Delta R.T. 0.00 min

Lab File: BF107884.D

Acq: 1 Aug 2018 13:05

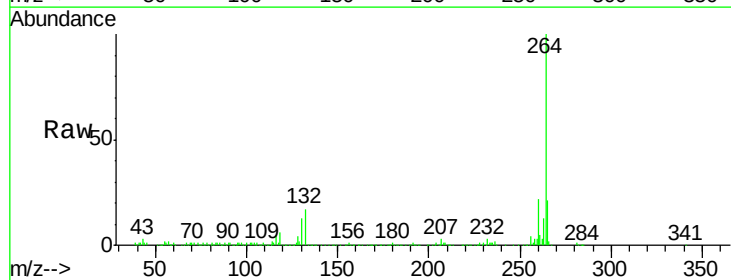
Tgt Ion:264 Resp: 406149

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 21.2 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

