

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107430.D
 Acq On : 17 Jul 2018 3:52
 Operator : JU/SJ
 Sample : J3980-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-MH-S

Quant Time: Jul 17 06:08:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

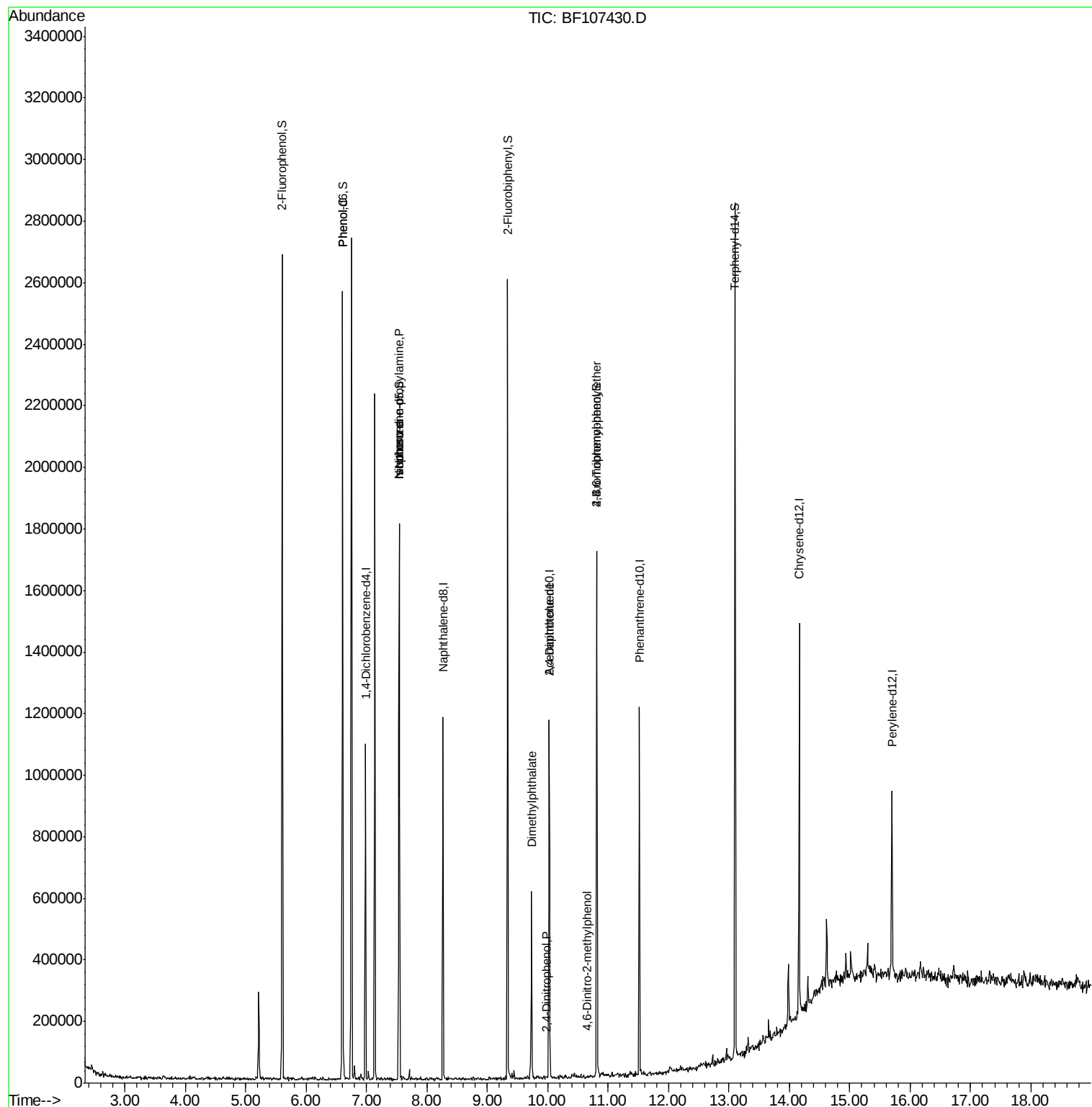
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	121737	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	399797	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	185587	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	365789	20.00	ng	0.00
75) Chrysene-d12	14.17	240	395812	20.00	ng	0.00
86) Perylene-d12	15.70	264	261053	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	590278	73.64	ng	0.01
7) Phenol-d6	6.61	99	745675	71.95	ng	0.01
23) Nitrobenzene-d5	7.54	82	502373	67.01	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	136102	83.47	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	714516	61.15	ng	0.00
78) Terphenyl-d14	13.10	244	784501	49.24	ng	0.00
Target Compounds						
10) Phenol	6.61	94	24202	2.178	ng	# 56
19) n-Nitroso-di-n-propylamine	7.54	70	81022	10.919	ng	# 72
25) Isophorone	7.54	82	502365	33.805	ng	# 64
49) Dimethylphthalate	9.73	163	185324	12.568	ng	# 99
53) 2,4-Dinitrophenol	9.98	184	140	2.454	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	22864	6.234	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.65	198	304	7.620	ng	# 23
66) 4-Bromophenyl-phenylether	10.81	248	17376	4.152	ng	# 1

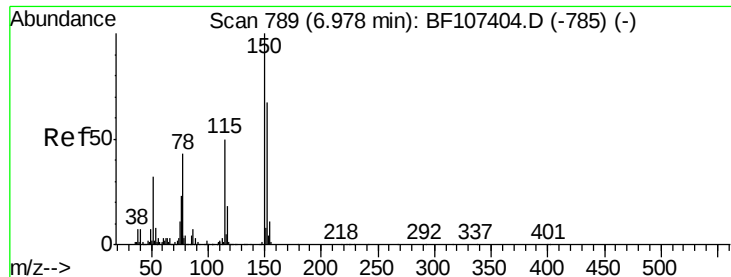
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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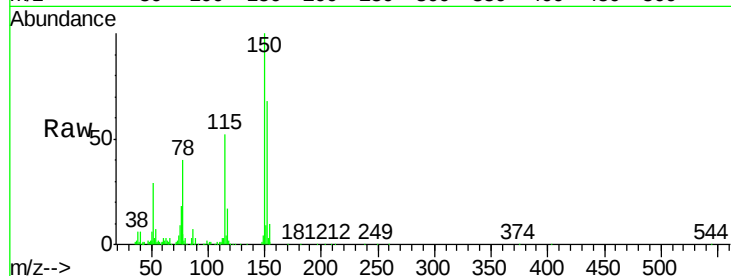


#1

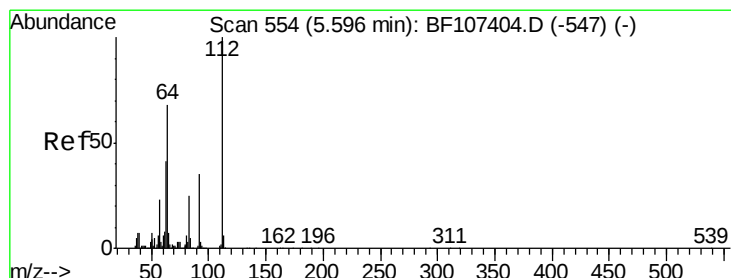
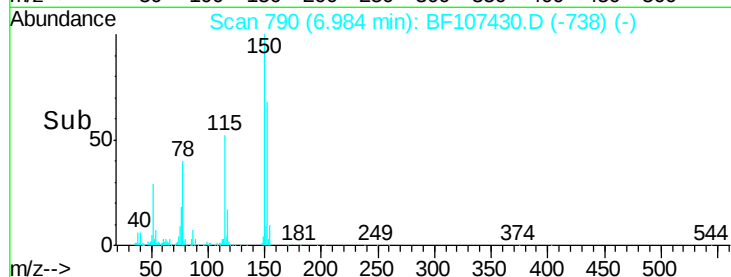
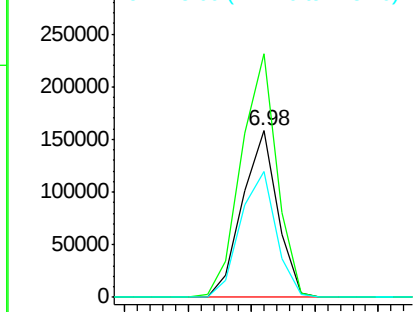
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF107430.D
 Acq: 17 Jul 2018 3:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-MH-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	124.6	186.8
115	75.4	50.1	75.1#



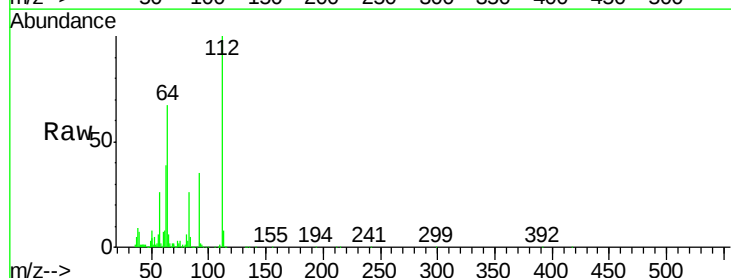
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



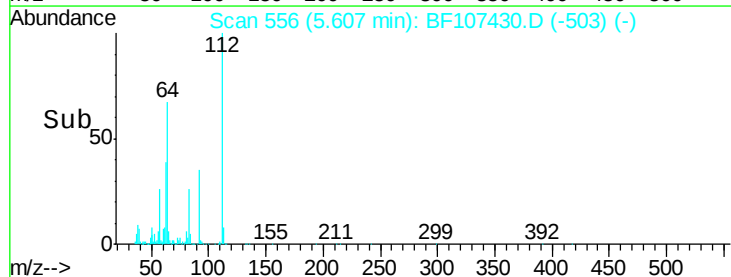
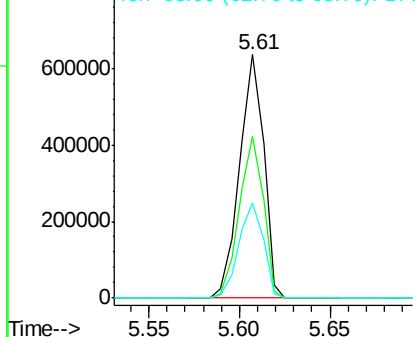
#5

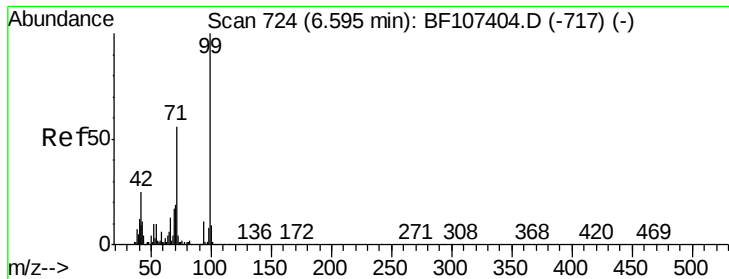
2-Fluorophenol
 Concen: 73.641 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF107430.D
 Acq: 17 Jul 2018 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	39.1	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: 71.953 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

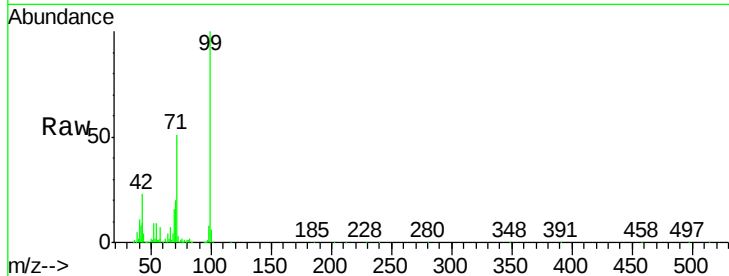
Tgt Ion: 99 Resp: 745675

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

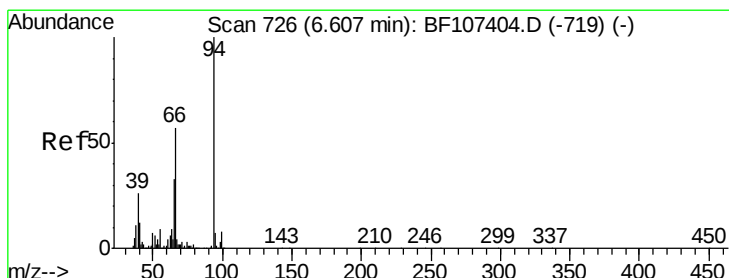
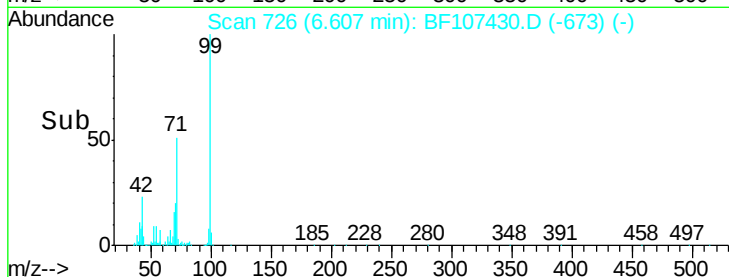
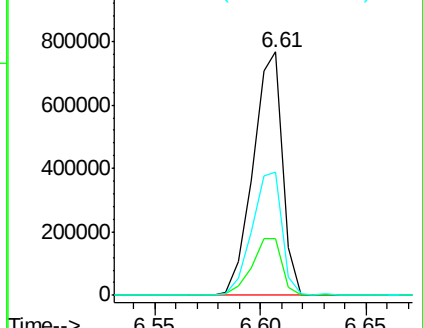
71 50.7 25.4 38.0#



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



#10

Phenol

Concen: 2.178 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

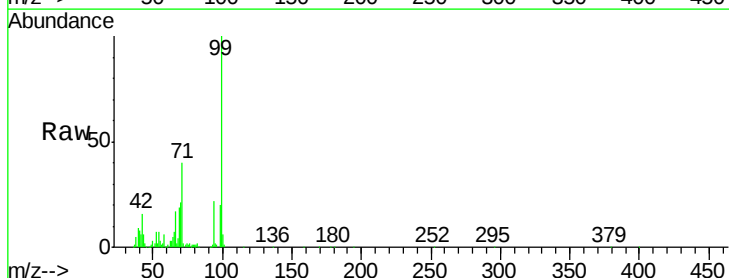
Tgt Ion: 94 Resp: 24202

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

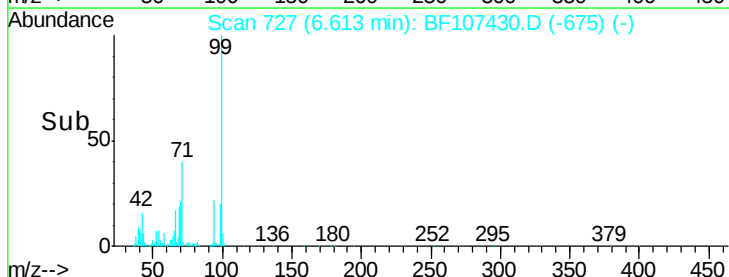
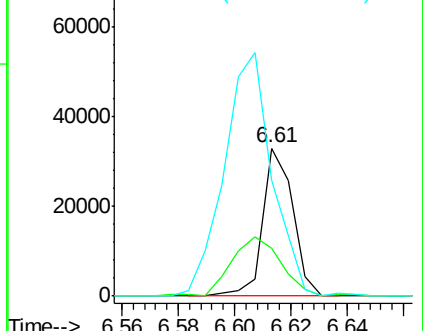
66 78.5 16.2 56.2#

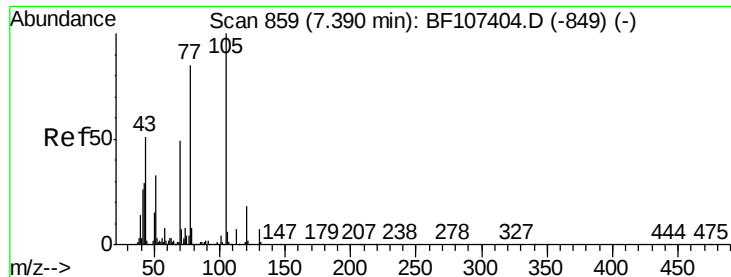


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

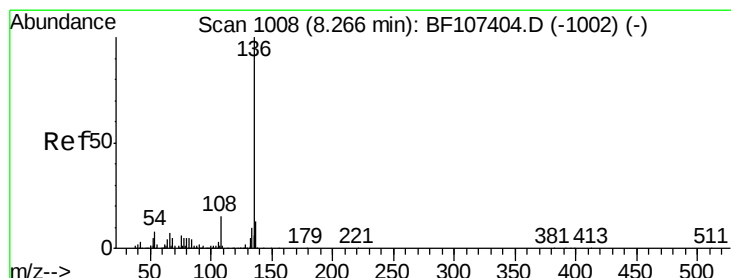
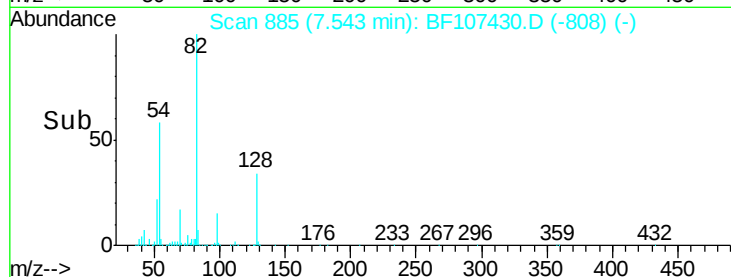
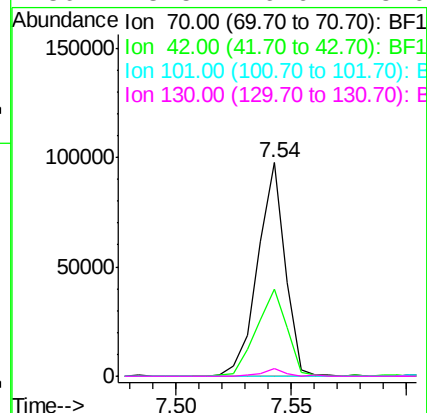
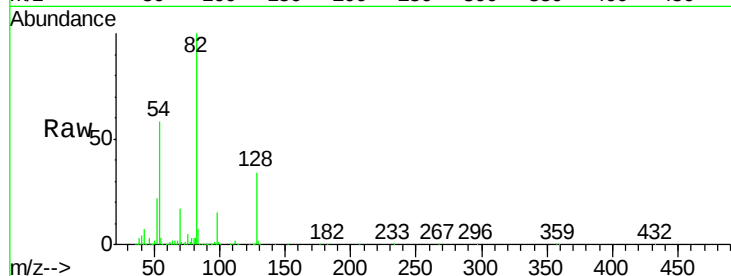




#19
n-Nitroso-di-n-propylamine
Concen: 10.919 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

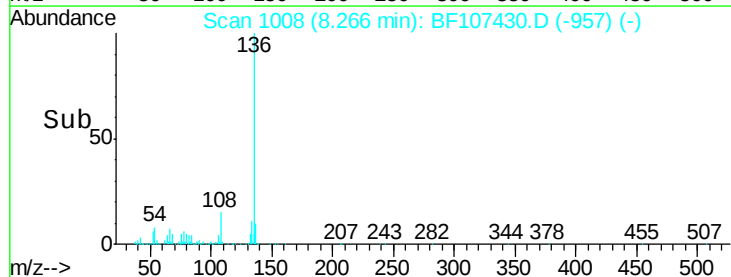
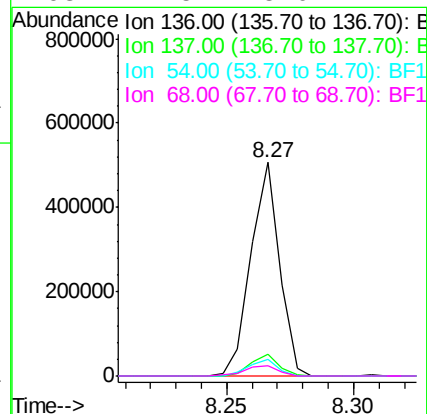
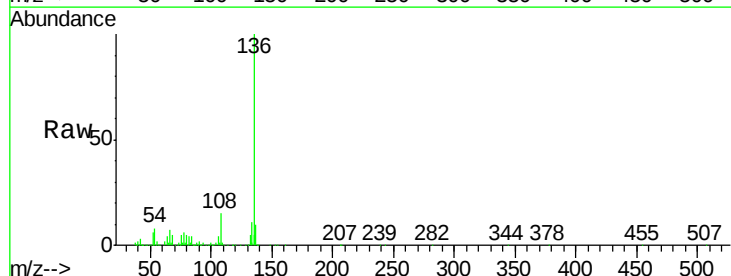
Instrument :
BNA_F
ClientSampleId :
TP-E-MH-S

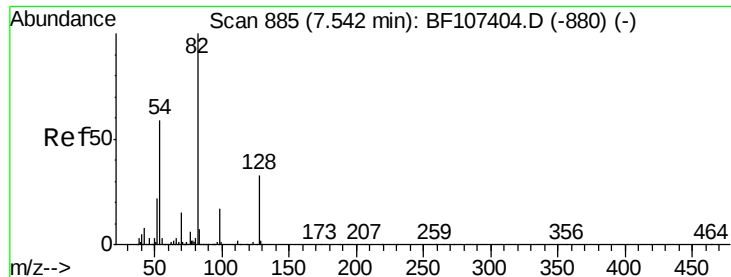
Tgt Ion:	70	Resp:	81022
Ion Ratio	Lower	Upper	
70	100		
42	40.6	47.5	71.3#
101	0.0	7.4	11.2#
130	3.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

Tgt Ion:	136	Resp:	399797
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.9	13.3
54	7.9	6.6	9.8
68	4.5	5.0	7.4#

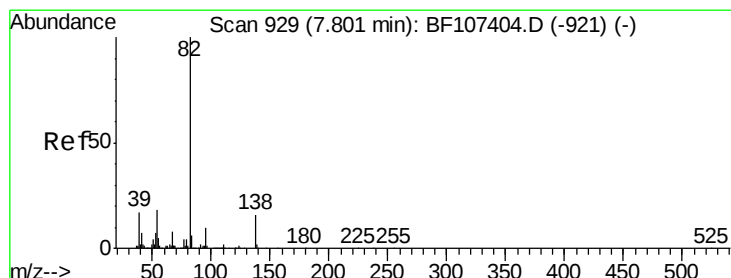
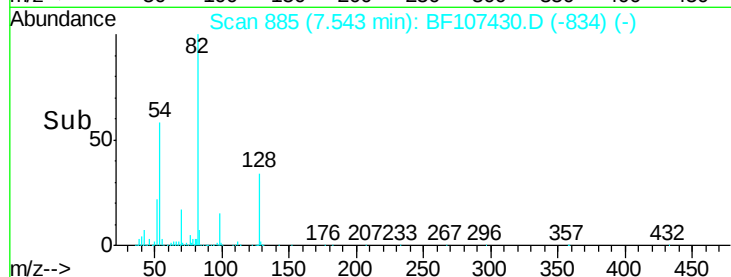
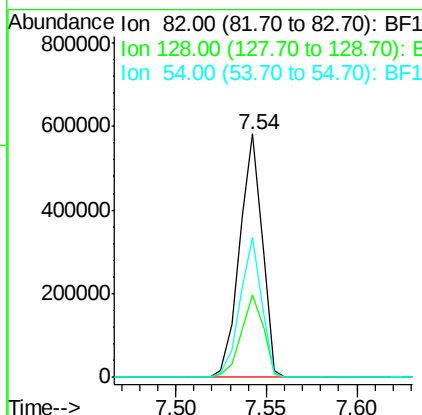
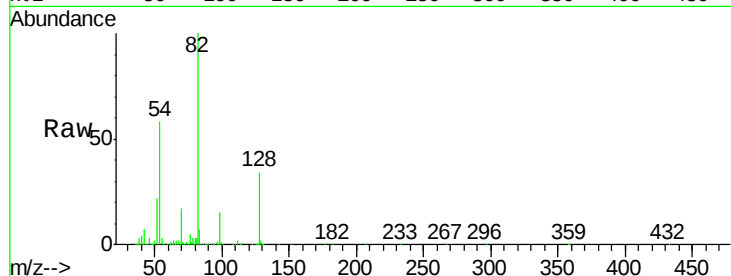




#23
 Nitrobenzene-d5
 Concen: 67.006 ng
 RT: 7.54 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF107430.D
 Acq: 17 Jul 2018 3:52

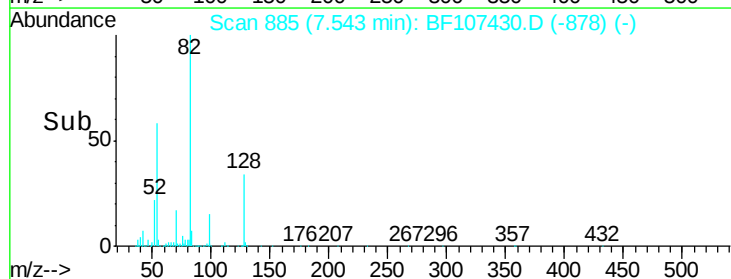
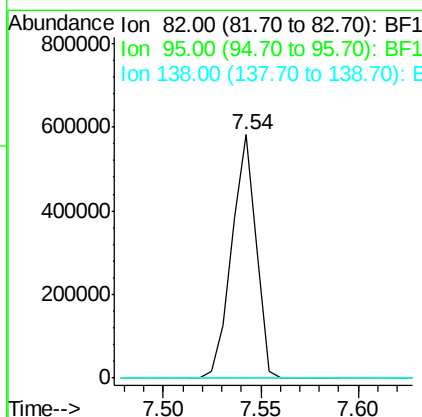
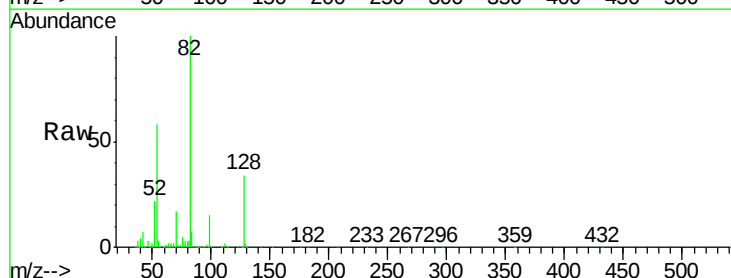
Instrument :
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 ClientSampleId :
 TP-E-MH-S

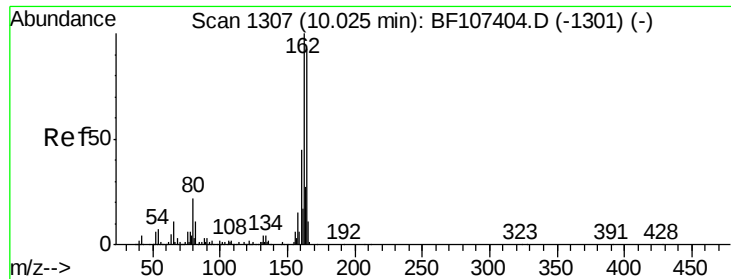
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	36.1	54.1#
54	57.5	41.4	62.2



#25
 Isophorone
 Concen: 33.805 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF107430.D
 Acq: 17 Jul 2018 3:52

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: 10.02 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

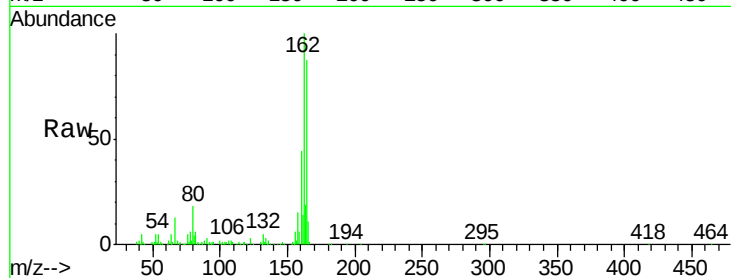
Tgt Ion:164 Resp: 185587

Ion Ratio Lower Upper

164 100

162 114.8 86.1 129.1

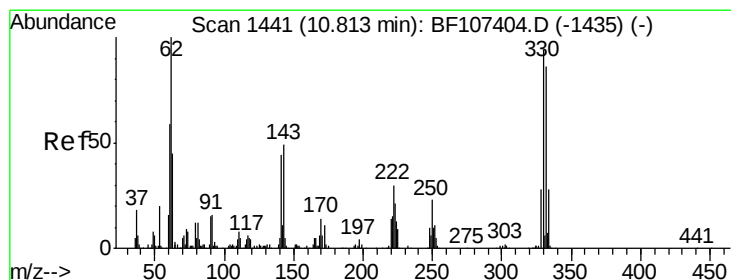
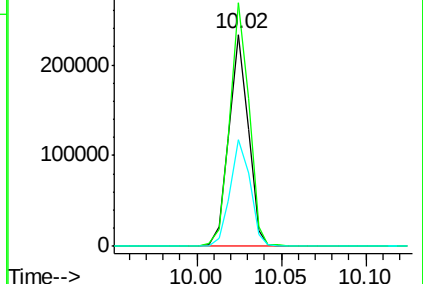
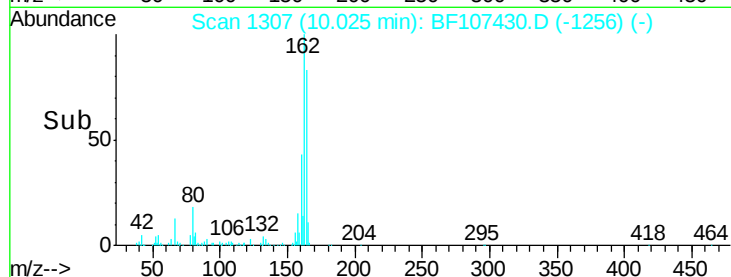
160 50.1 38.3 57.5



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: 83.467 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

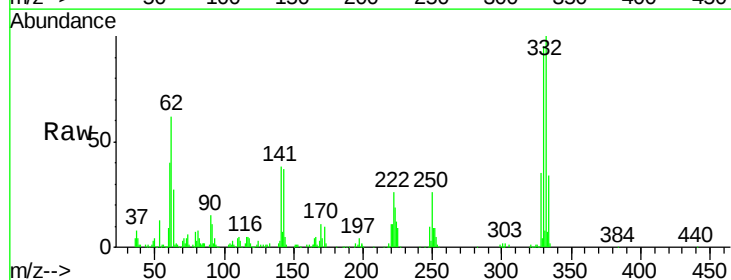
Tgt Ion:330 Resp: 136102

Ion Ratio Lower Upper

330 100

332 101.1 77.0 115.6

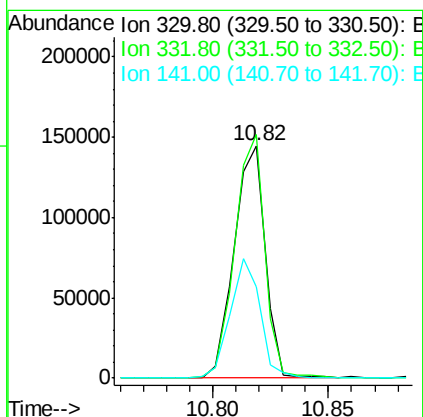
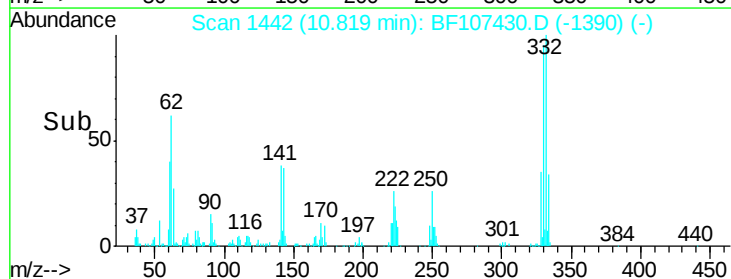
141 49.8 29.9 44.9#

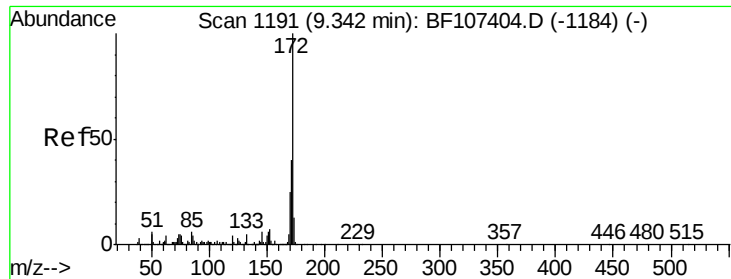


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 61.152 ng

RT: 9.34 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

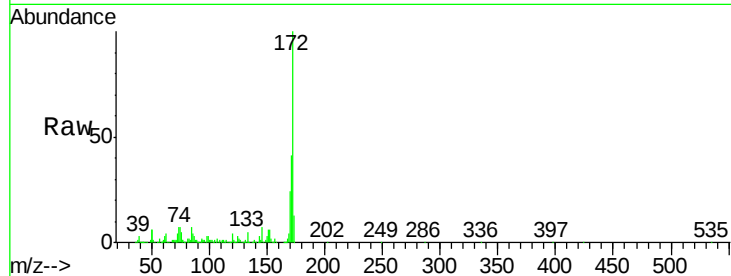
Tgt Ion:172 Resp: 714516

Ion Ratio Lower Upper

172 100

171 40.5 29.7 44.5

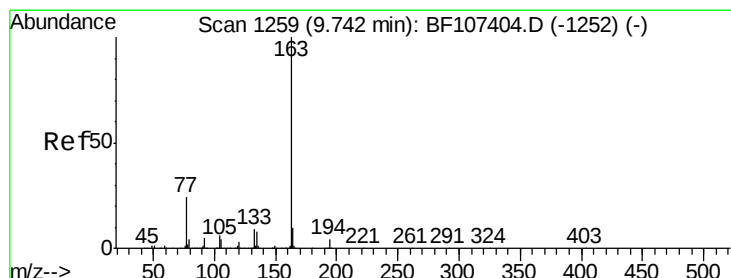
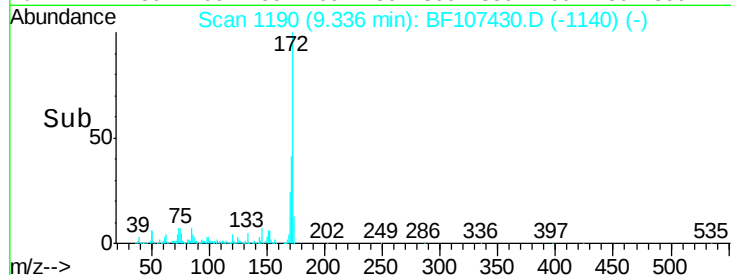
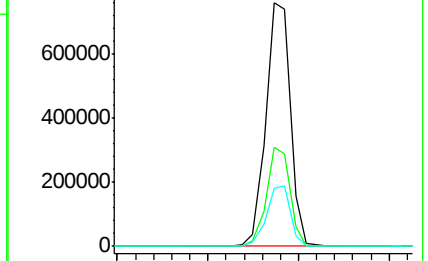
170 23.9 19.6 29.4



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: 12.568 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

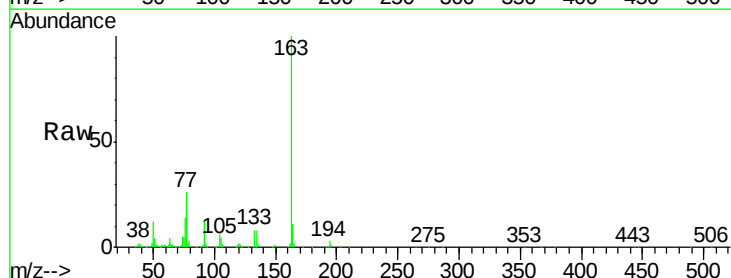
Tgt Ion:163 Resp: 185324

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

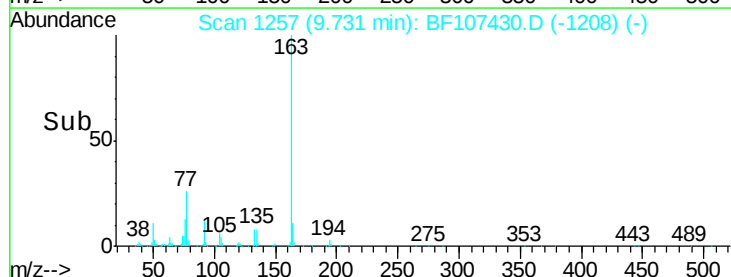
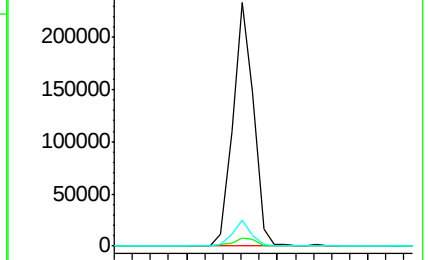
164 10.6 8.2 12.2

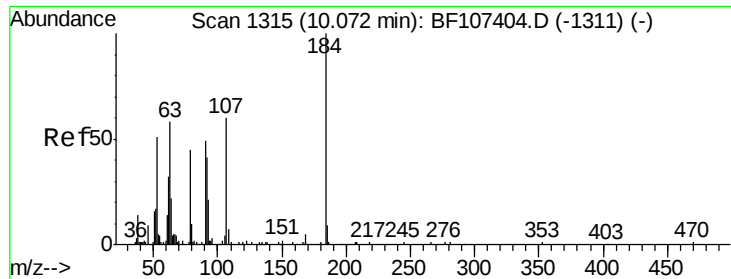


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

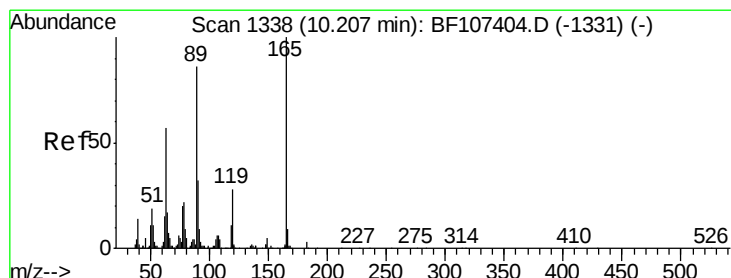
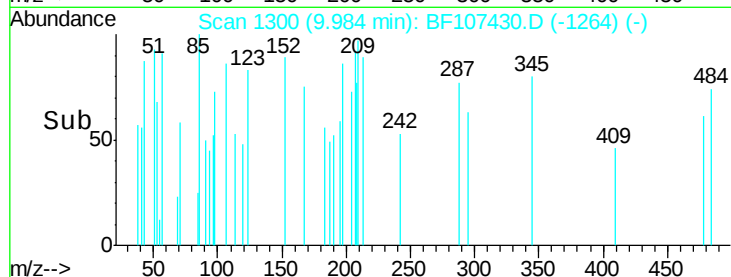
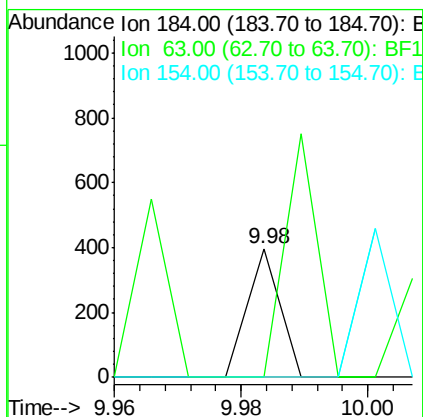
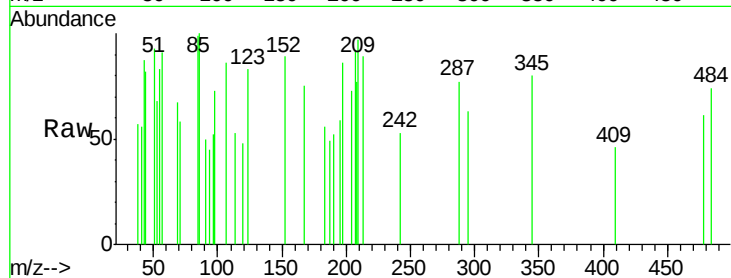




#53
2,4-Dinitrophenol
Concen: 2.454 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.09 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

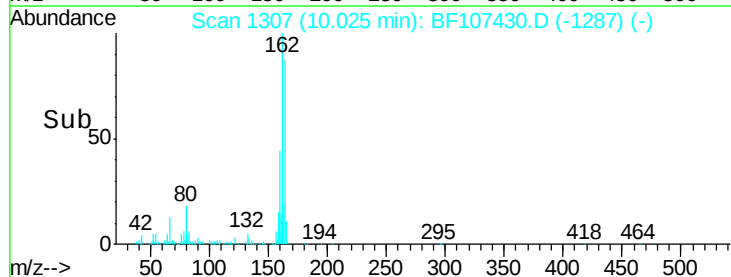
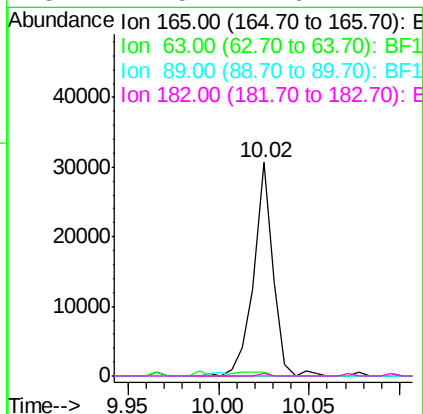
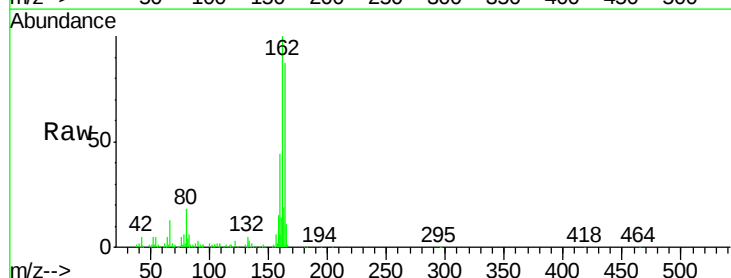
Instrument :
BNA_F
ClientSampleId :
TP-E-MH-S

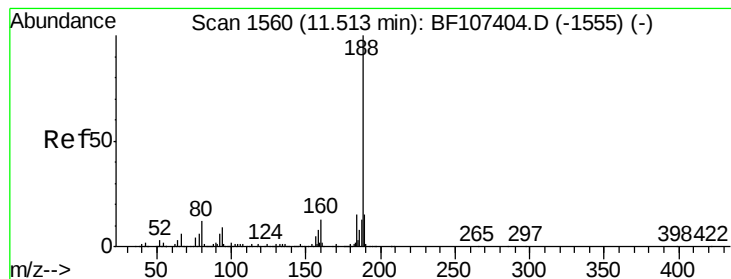
Tgt Ion:184 Resp: 140
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



#56
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

Tgt Ion:165 Resp: 22864
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 0.0 57.8 86.6#
182 1.5 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

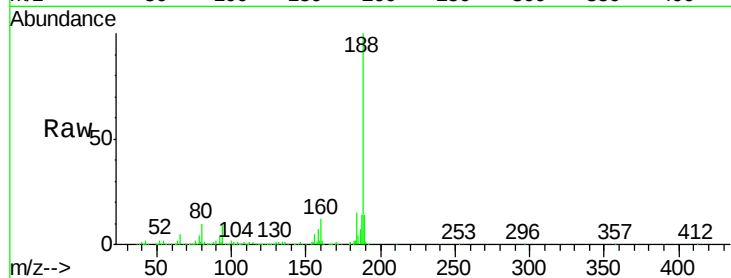
Tgt Ion:188 Resp: 365789

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

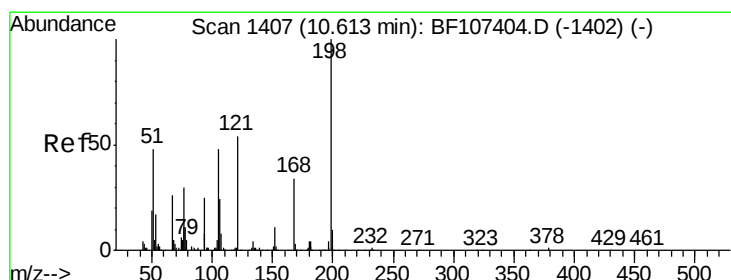
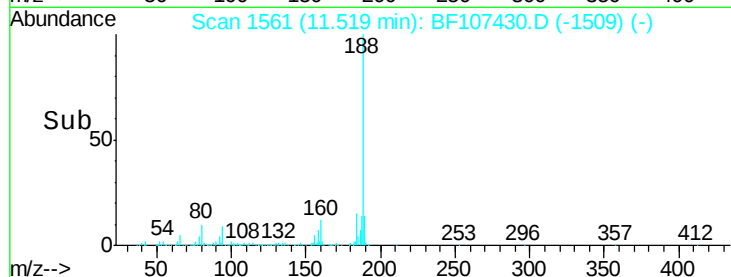
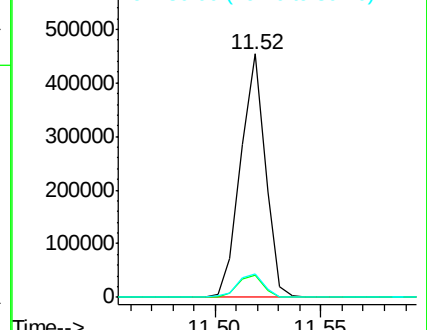
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 7.620 ng

RT: 10.65 min Scan# 1414

Delta R.T. 0.04 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

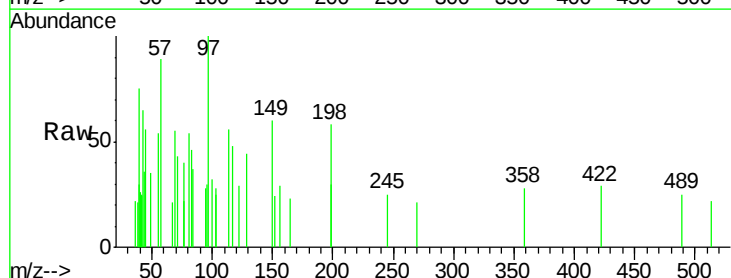
Tgt Ion:198 Resp: 304

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

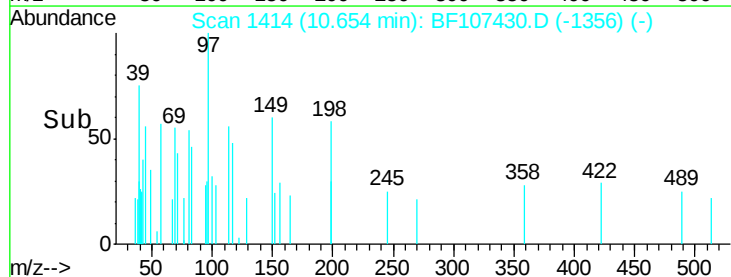
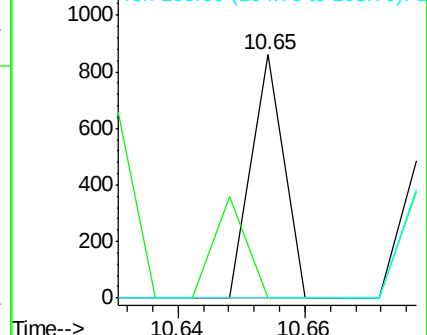
105 0.0 36.3 76.3#

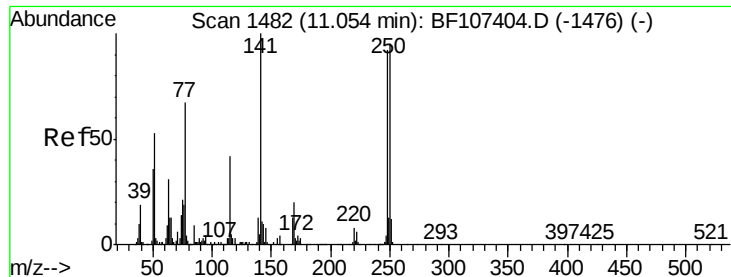


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

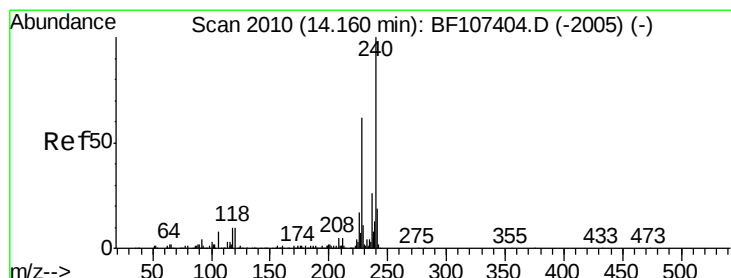
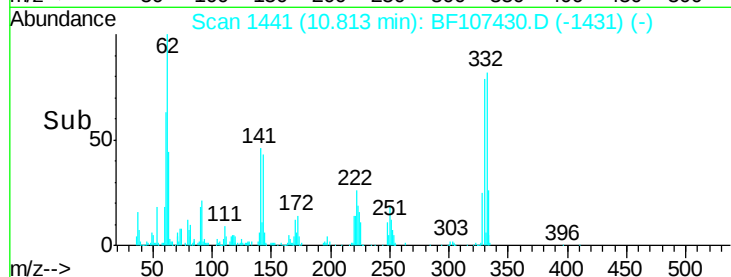
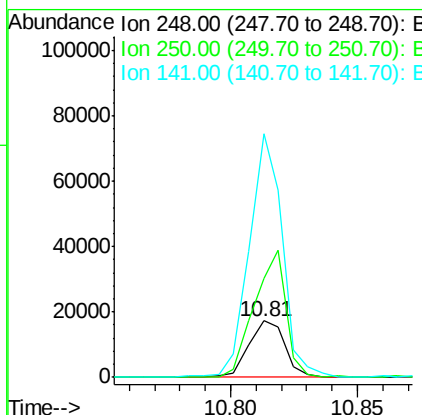
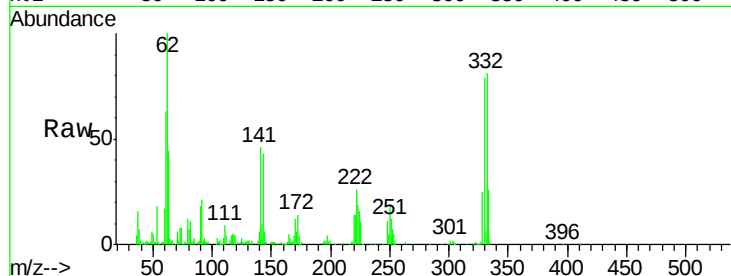




#66
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

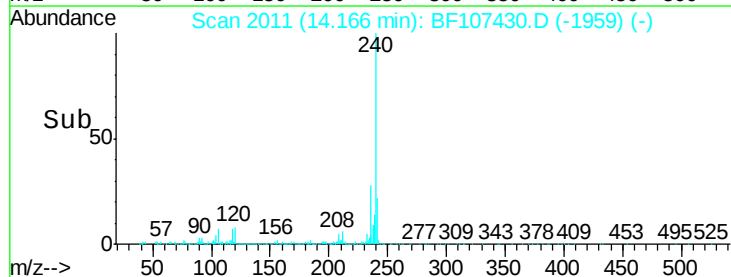
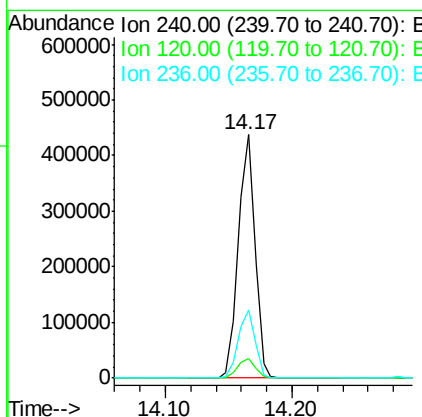
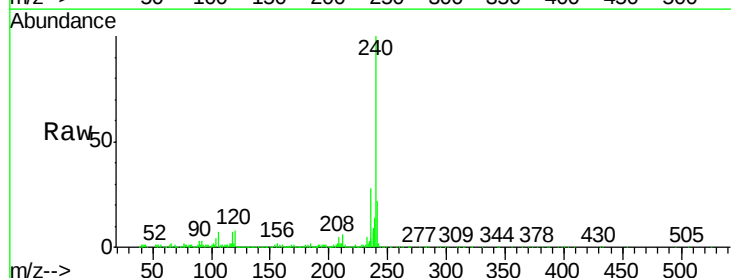
Instrument :
BNA_F
ClientSampleId :
TP-E-MH-S

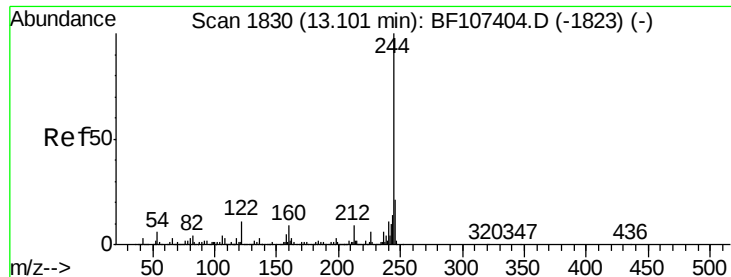
Tgt Ion:248 Resp: 17376
Ion Ratio Lower Upper
248 100
250 176.5 76.9 115.3#
141 431.5 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF107430.D
Acq: 17 Jul 2018 3:52

Tgt Ion:240 Resp: 395812
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 28.1 20.7 31.1





#78

Terphenyl-d14

Concen: 49.244 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

Instrument :

BNA_F

ClientSampleId :

TP-E-MH-S

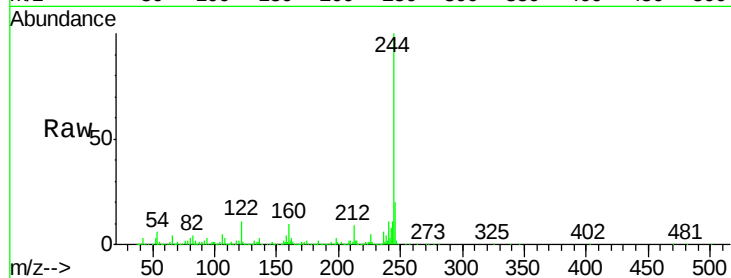
Tgt Ion:244 Resp: 784501

Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

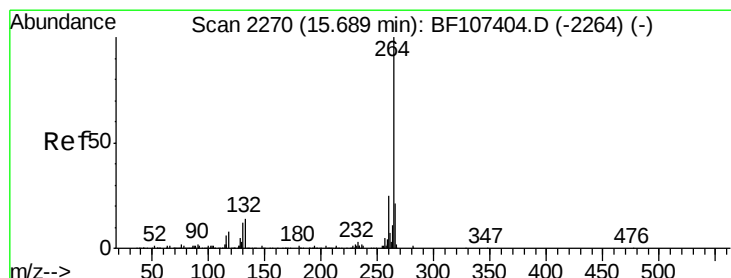
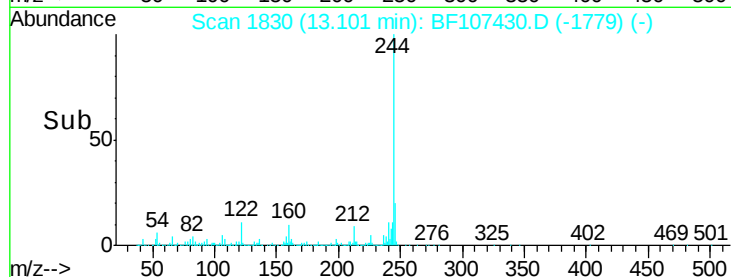
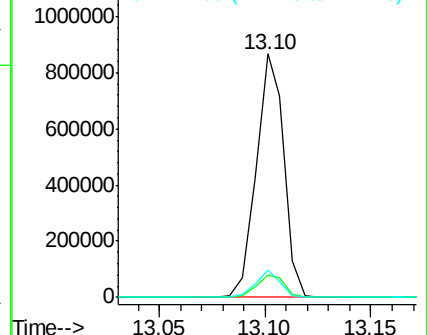
122 11.0 11.0 16.4



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: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107430.D

Acq: 17 Jul 2018 3:52

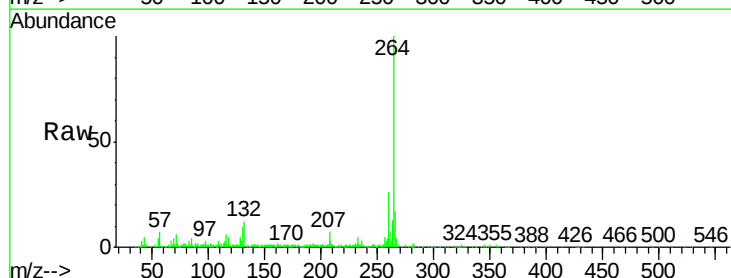
Tgt Ion:264 Resp: 261053

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 17.4 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

