

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107438.D
 Acq On : 17 Jul 2018 10:12
 Operator : JU/SJ
 Sample : J3633-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 11:34:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

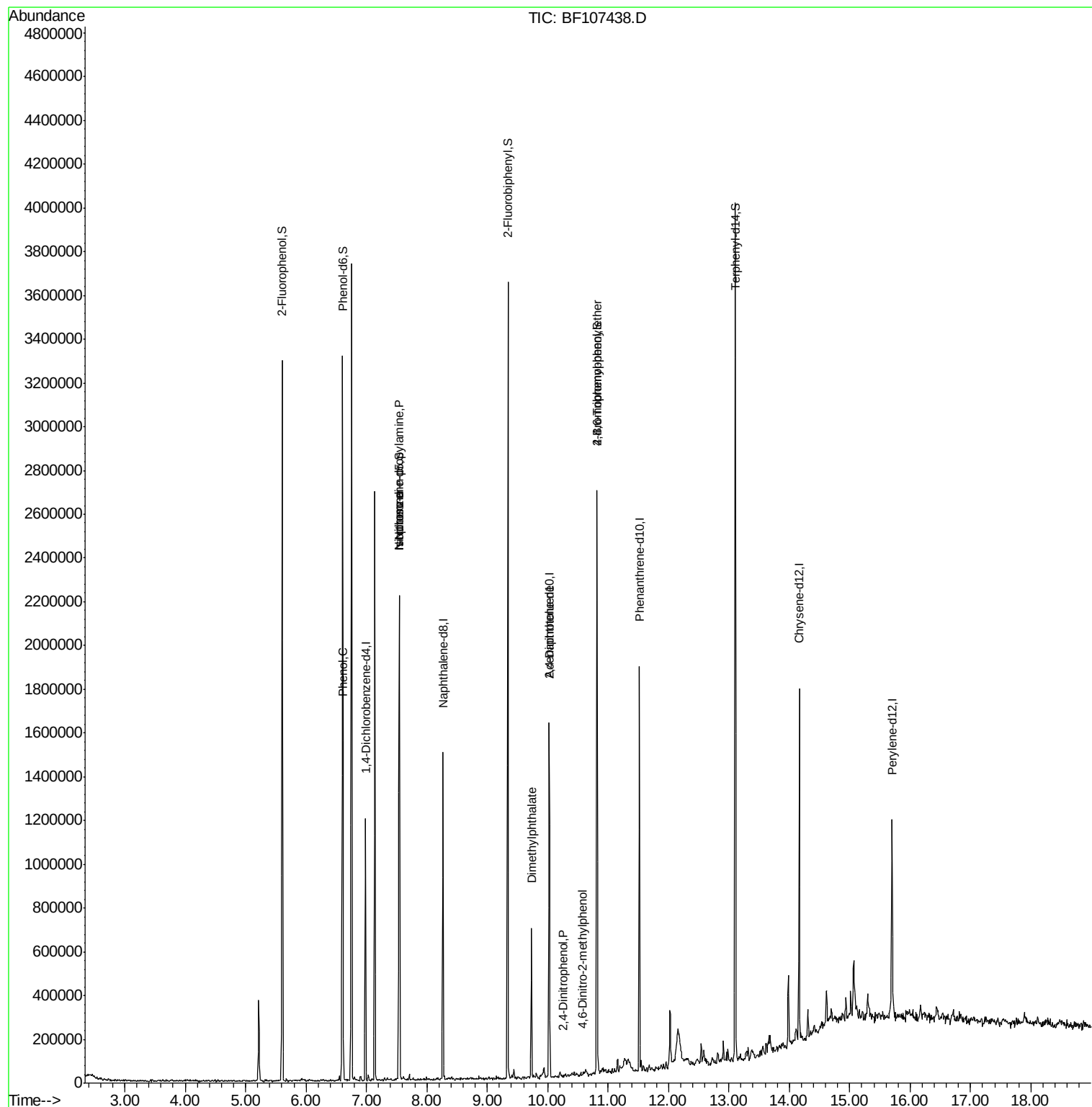
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	138486	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	492413	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271646	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	577388	20.00	ng	0.00
75) Chrysene-d12	14.17	240	493992	20.00	ng	0.00
86) Perylene-d12	15.70	264	406120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	726283	79.65	ng	0.00
7) Phenol-d6	6.61	99	952222	80.77	ng	0.00
23) Nitrobenzene-d5	7.54	82	691588	74.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	217698	91.21	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1026561	59.80	ng	0.00
78) Terphenyl-d14	13.11	244	1180841	59.39	ng	0.00
Target Compounds						
10) Phenol	6.62	94	29558	2.339	ng	78
19) n-Nitroso-di-n-propylamine	7.54	70	116286	13.776	ng	# 75
25) Isophorone	7.54	82	691575	37.784	ng	# 64
49) Dimethylphthalate	9.73	163	204164	9.459	ng	# 99
53) 2,4-Dinitrophenol	10.26	184	181	2.430	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	34055	6.344	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.57	198	218	7.549	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	24486	3.707	ng	# 1

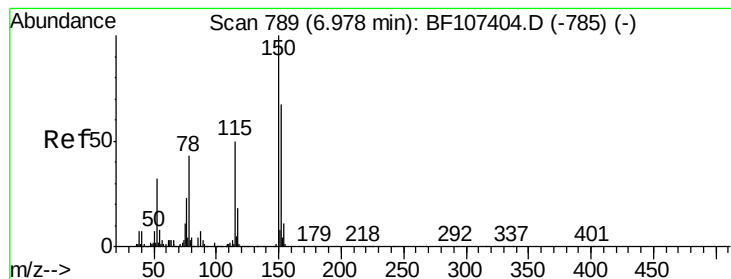
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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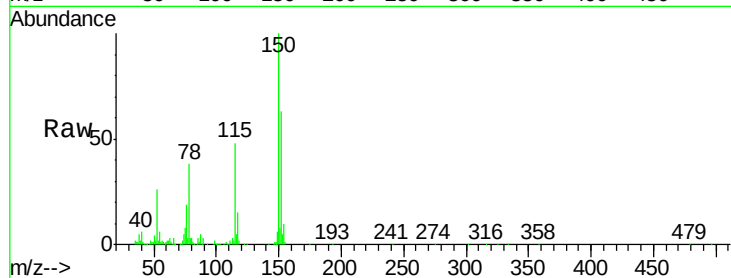


#1

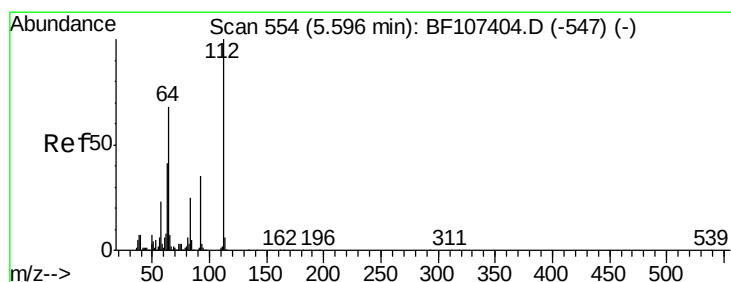
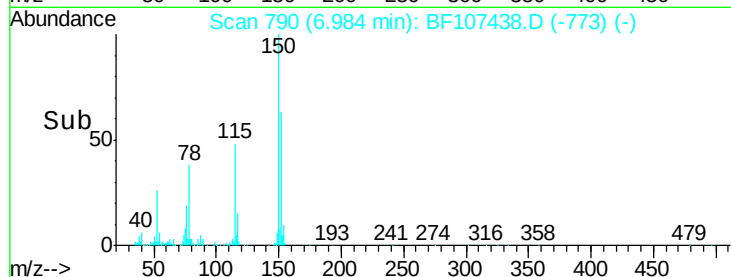
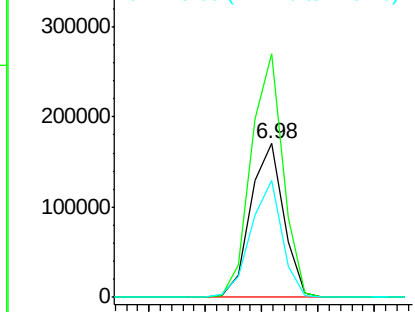
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	76.0	50.1	75.1#



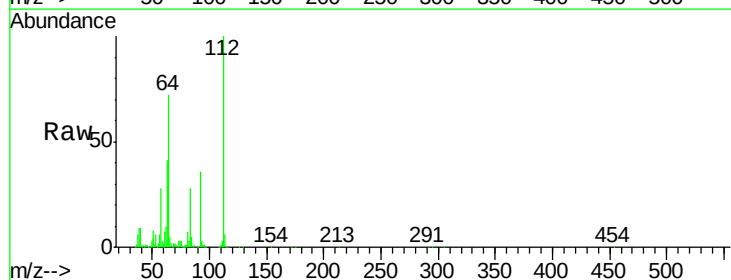
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



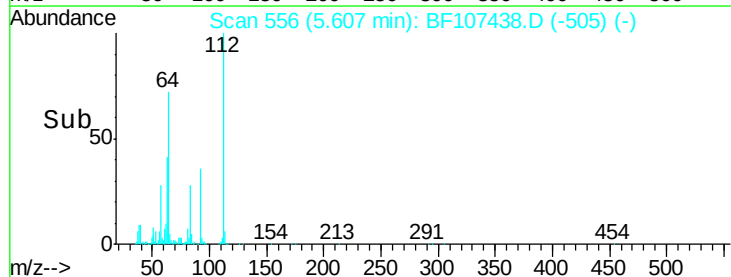
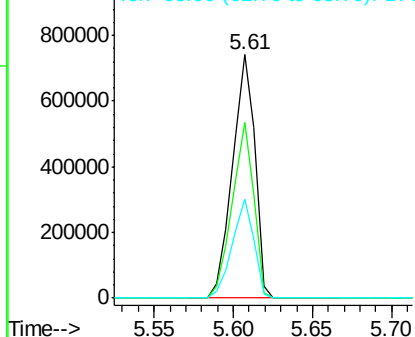
#5

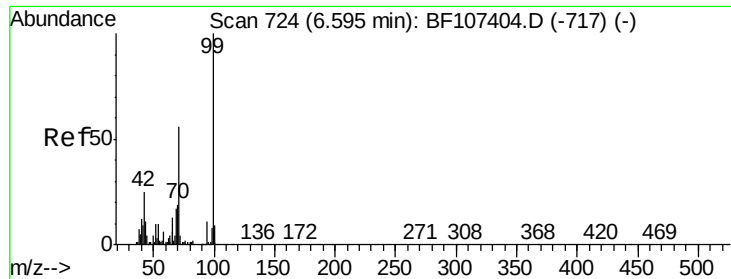
2-Fluorophenol
 Concen: 79.650 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	47.9	71.9#
63	40.7	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: 80.771 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

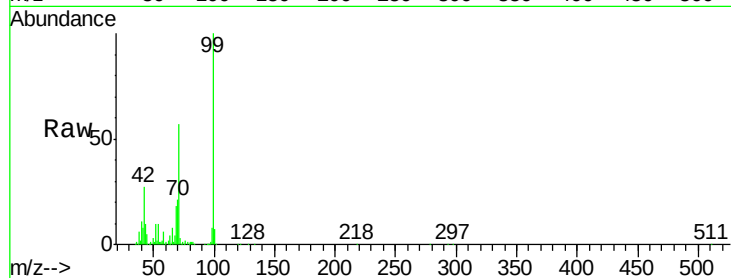
Tgt Ion: 99 Resp: 952222

Ion Ratio Lower Upper

99 100

42 27.0 14.5 21.7#

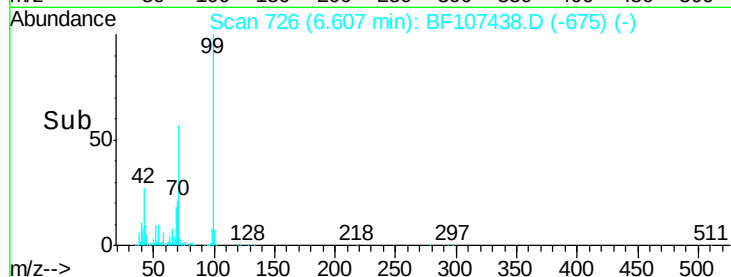
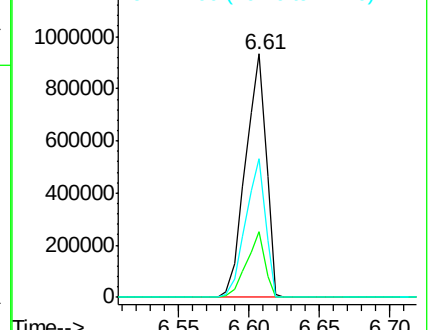
71 57.1 25.4 38.0#



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: 2.339 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

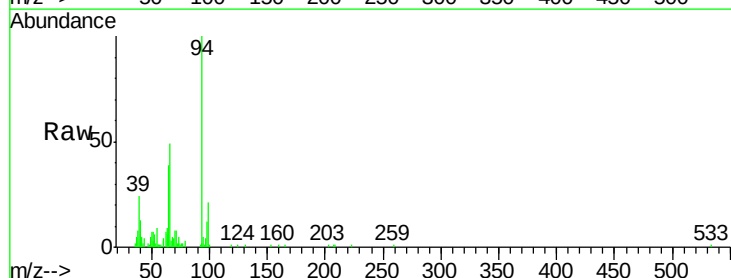
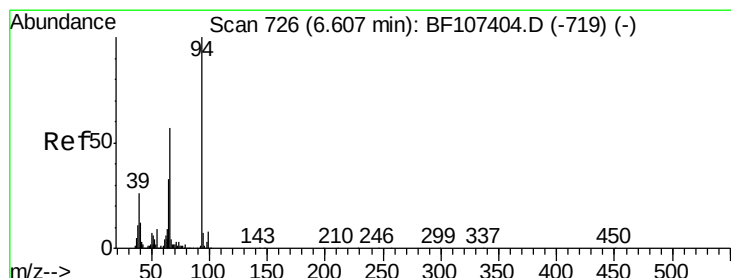
Tgt Ion: 94 Resp: 29558

Ion Ratio Lower Upper

94 100

65 39.4 7.9 47.9

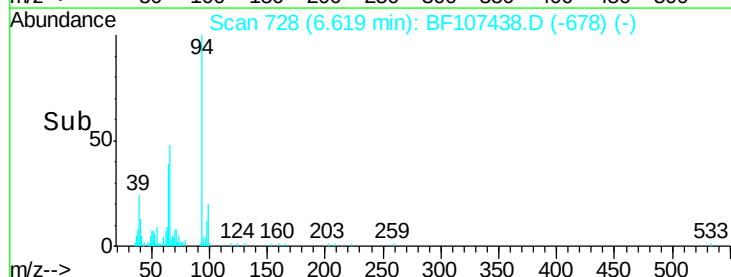
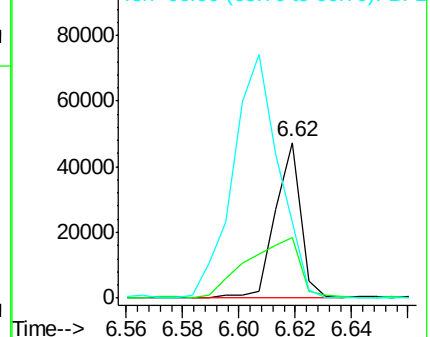
66 48.9 16.2 56.2

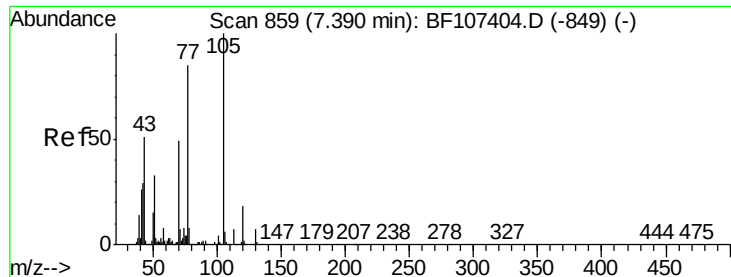


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

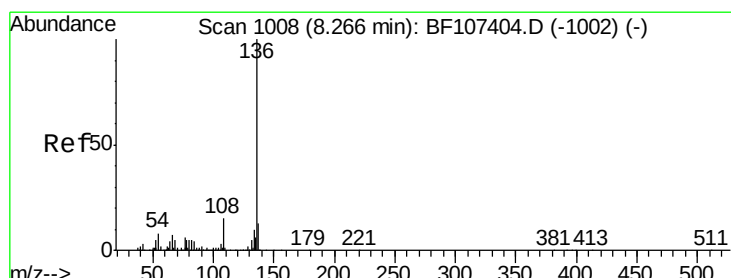
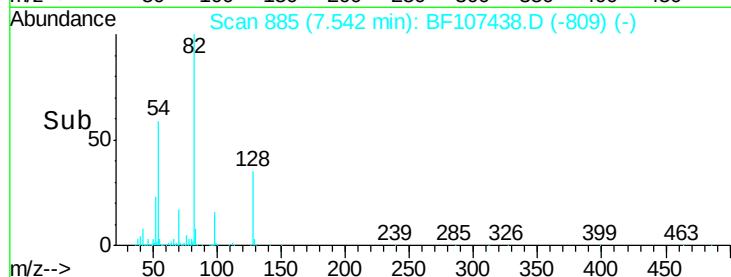
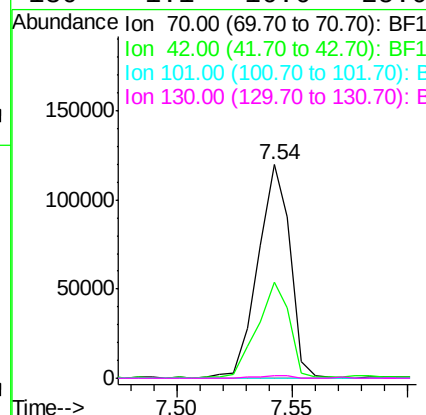
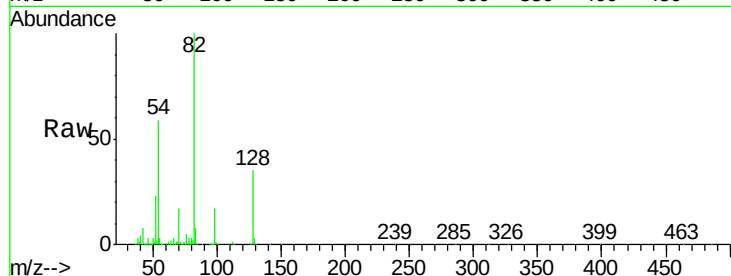




#19
n-Nitroso-di-n-propylamine
Concen: 13.776 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

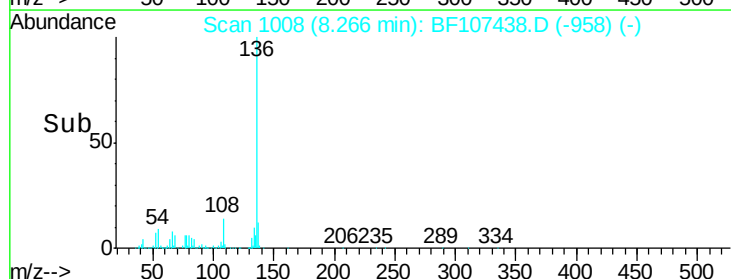
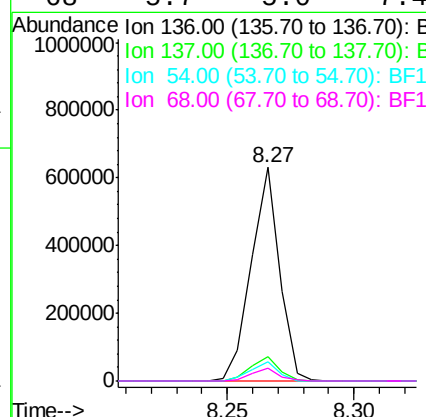
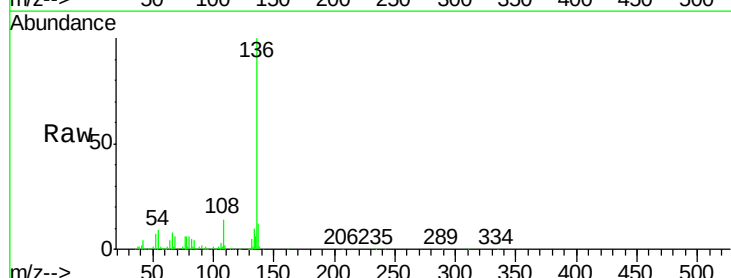
Instrument :
BNA_F
ClientSampleId :

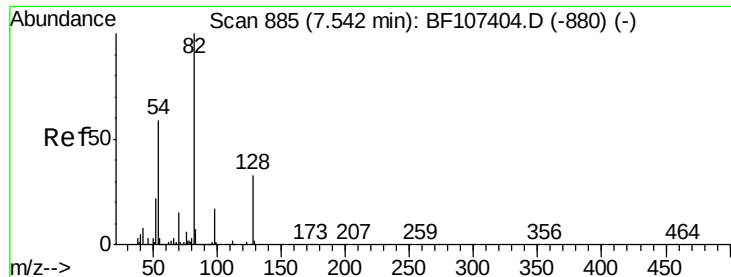
Tgt Ion: 70 Resp: 116286
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 1.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion: 136 Resp: 492413
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.8 6.6 9.8
68 5.7 5.0 7.4

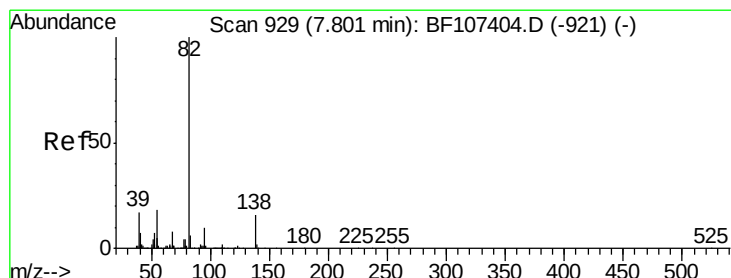
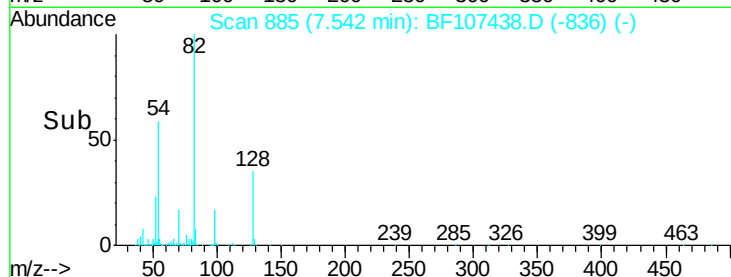
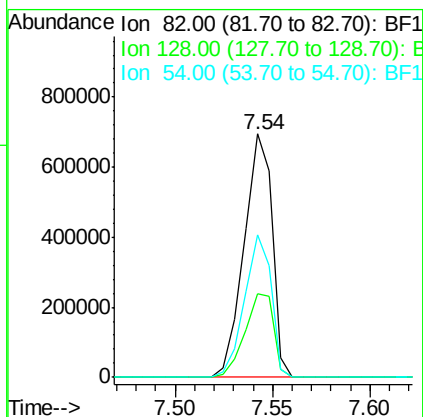
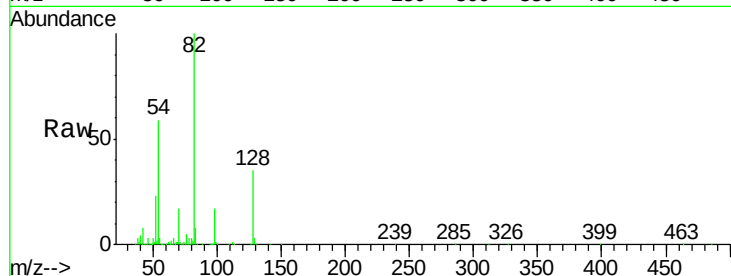




#23
 Nitrobenzene-d5
 Concen: 74.893 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

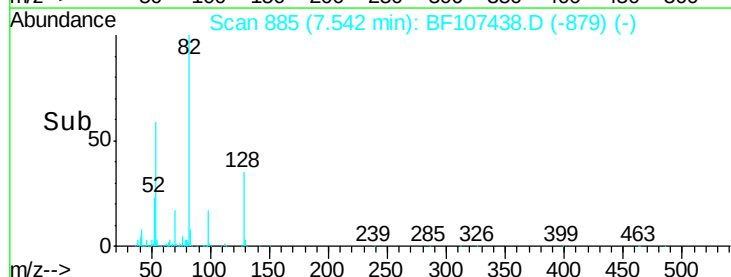
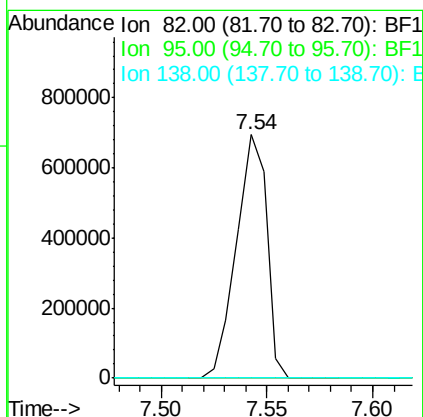
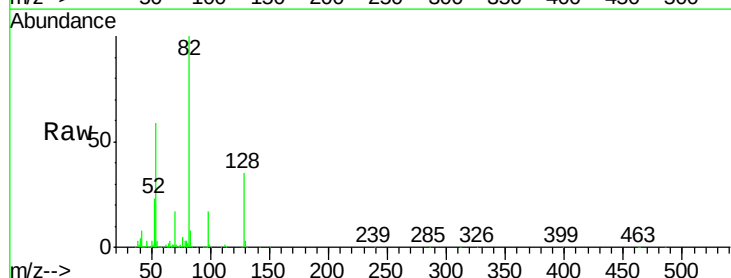
Instrument :
 BNA_F
 ClientSampled :

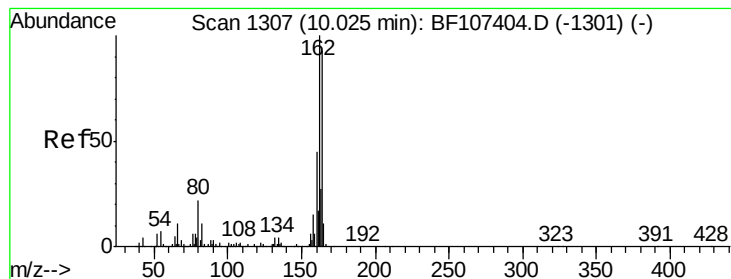
Tgt Ion: 82 Resp: 691588
 Ion Ratio Lower Upper
 82 100
 128 34.5 36.1 54.1#
 54 58.7 41.4 62.2



#25
 Isophorone
 Concen: 37.784 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Tgt Ion: 82 Resp: 691575
 Ion Ratio Lower Upper
 82 100
 95 0.1 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. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampled :

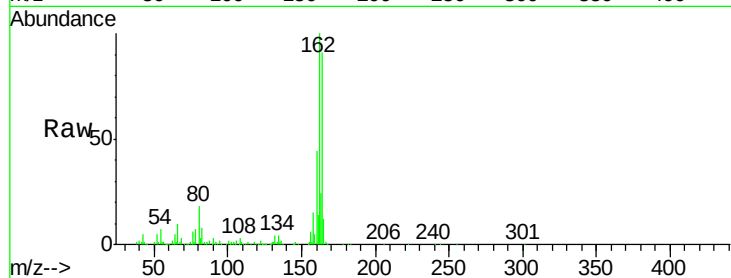
Tgt Ion:164 Resp: 271646

Ion Ratio Lower Upper

164 100

162 109.5 86.1 129.1

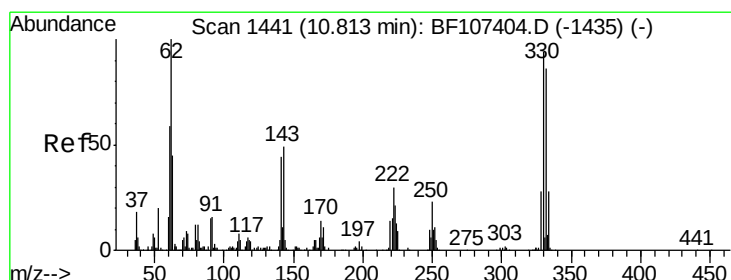
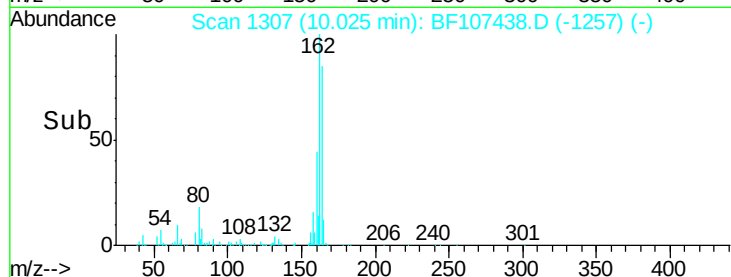
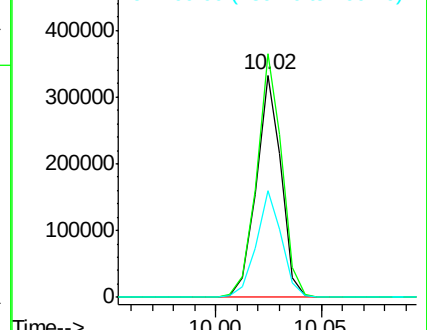
160 47.7 38.3 57.5



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: 91.212 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

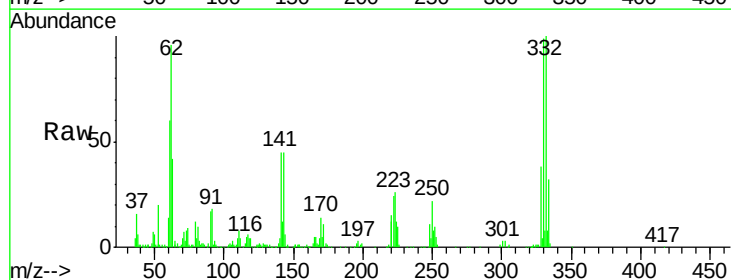
Tgt Ion:330 Resp: 217698

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

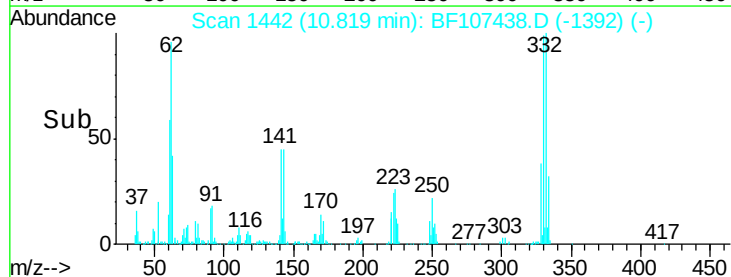
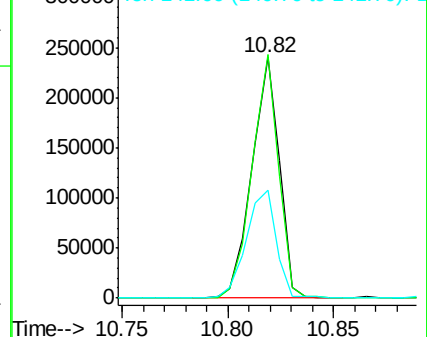
141 49.4 29.9 44.9#

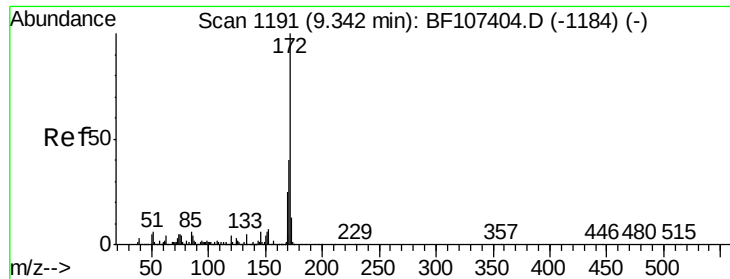


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

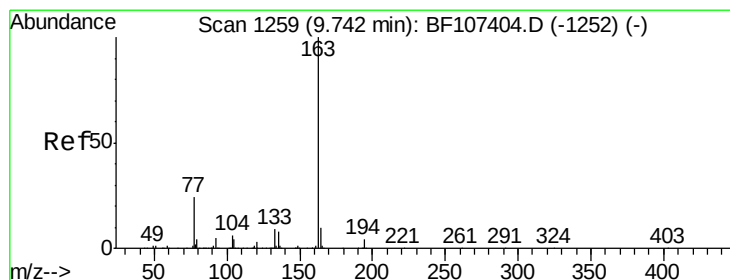
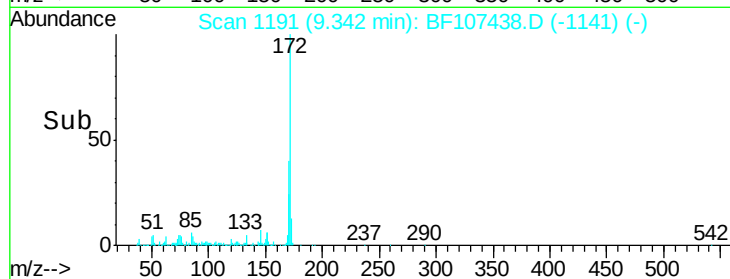
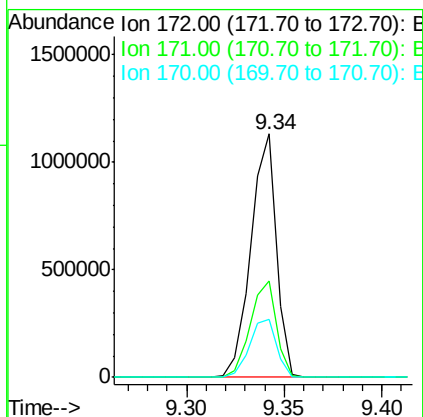
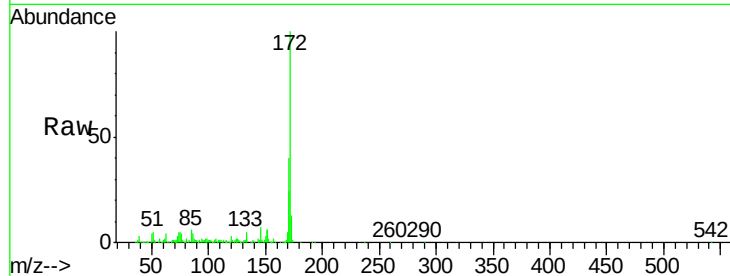




#44
2-Fluorobiphenyl
Concen: 59.795 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

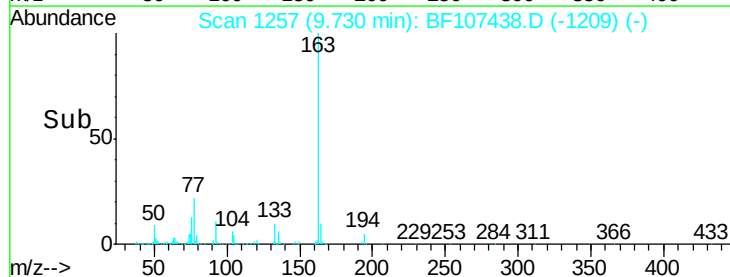
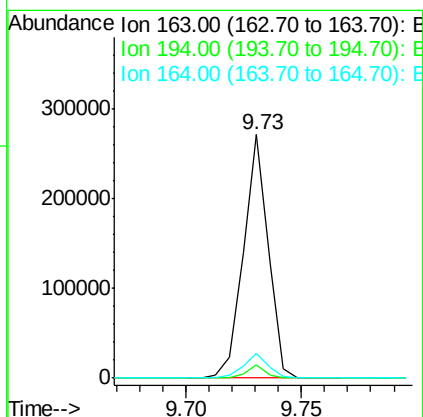
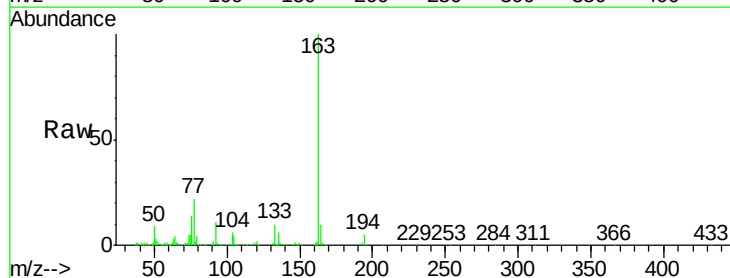
Instrument :
BNA_F
ClientSampleId :

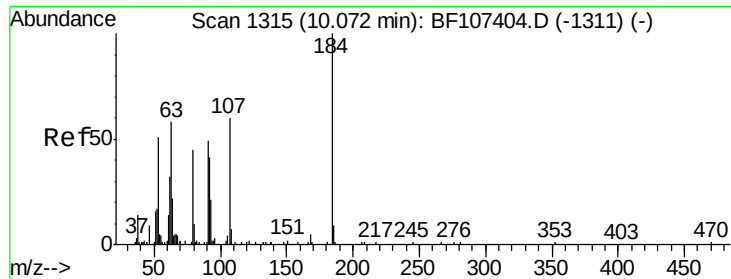
Tgt Ion:172 Resp: 1026561
Ion Ratio Lower Upper
172 100
171 39.7 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 9.459 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:163 Resp: 204164
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 10.2 8.2 12.2

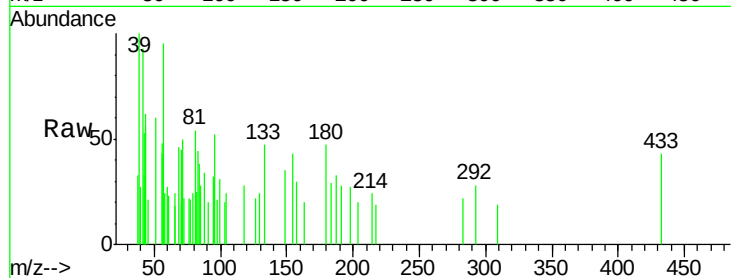




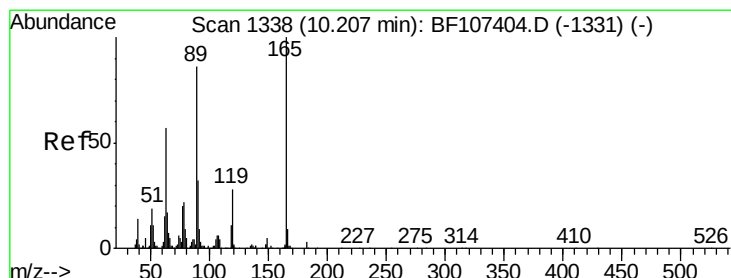
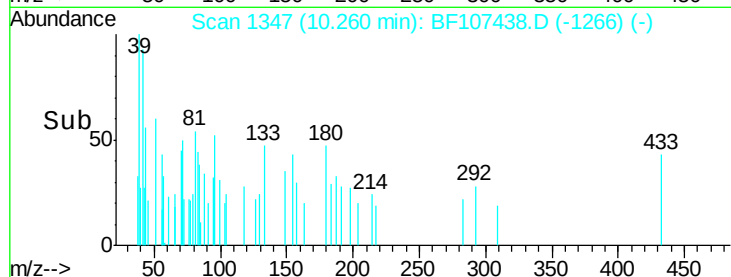
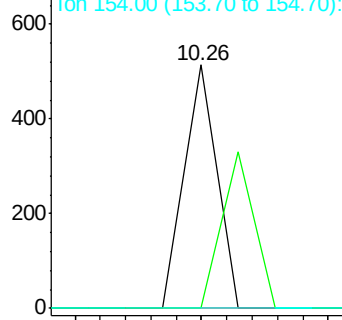
#53
2,4-Dinitrophenol
Concen: 2.430 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.18 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 181
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#

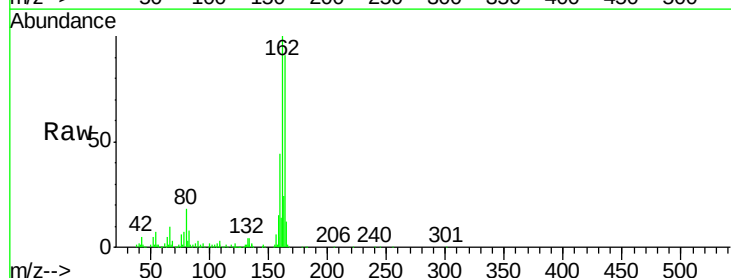


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

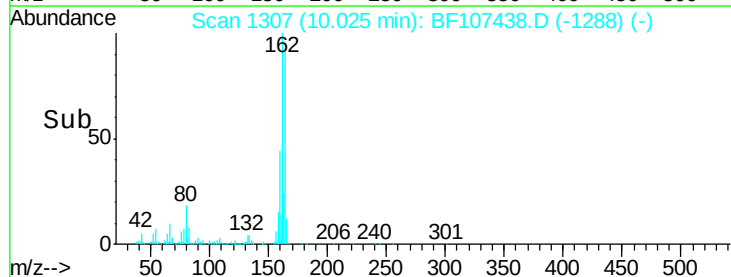
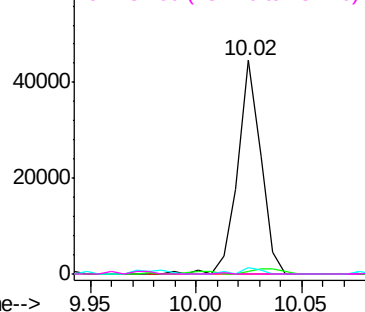


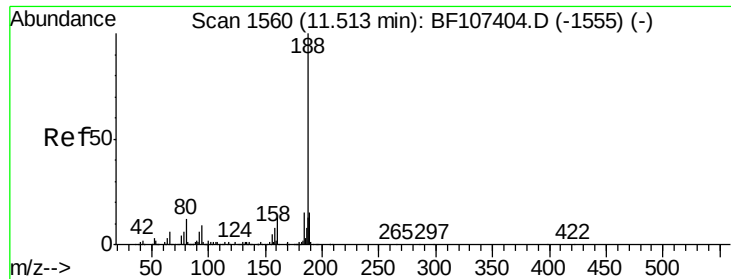
#56
2,4-Dinitrotoluene
Concen: 6.344 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt Ion:165 Resp: 34055
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 3.2 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

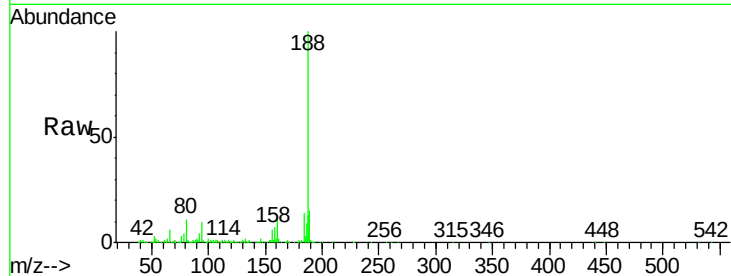
Tgt Ion:188 Resp: 577388

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

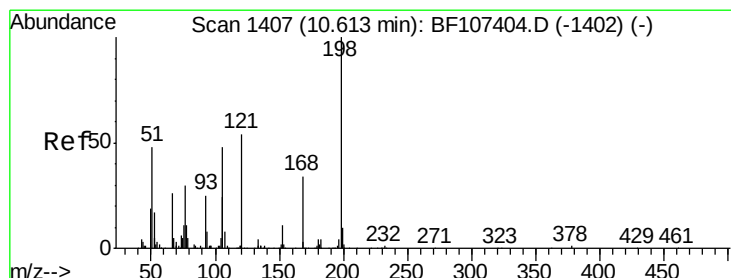
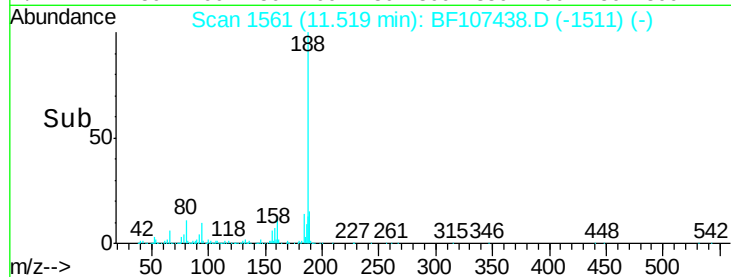
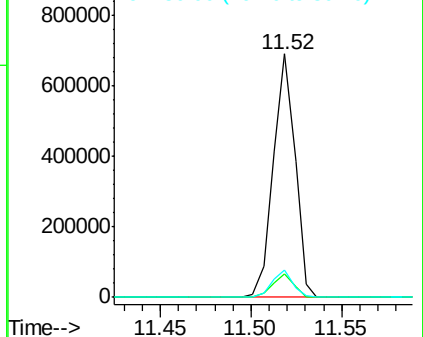
80 11.1 9.2 13.8



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: 7.549 ng

RT: 10.57 min Scan# 1399

Delta R.T. -0.06 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

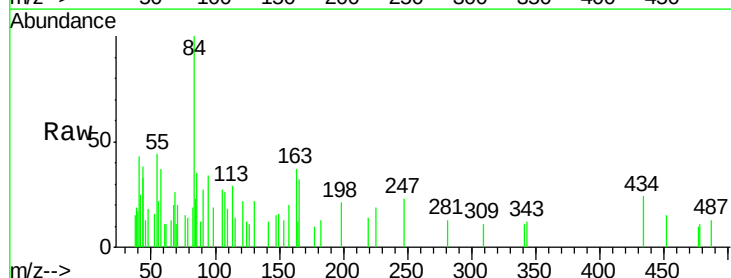
Tgt Ion:198 Resp: 218

Ion Ratio Lower Upper

198 100

51 0.0 37.7 77.7#

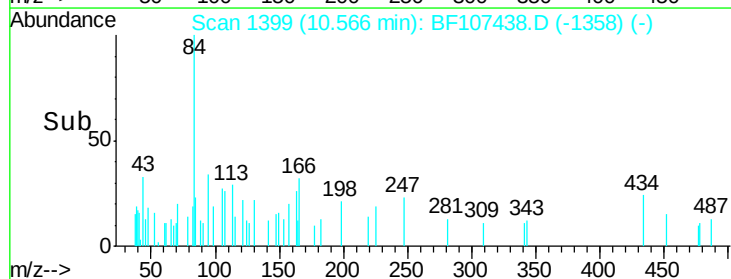
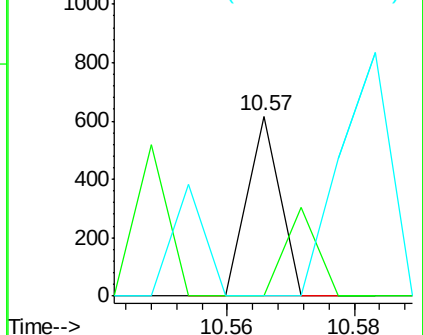
105 0.0 36.3 76.3#

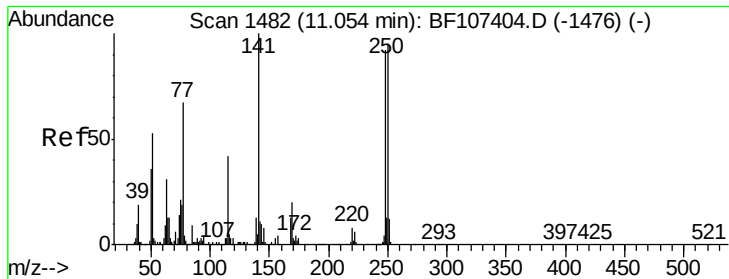


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

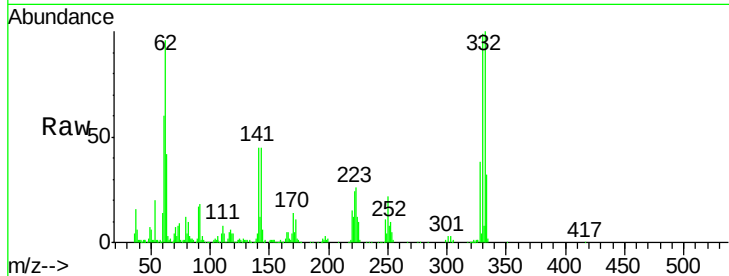




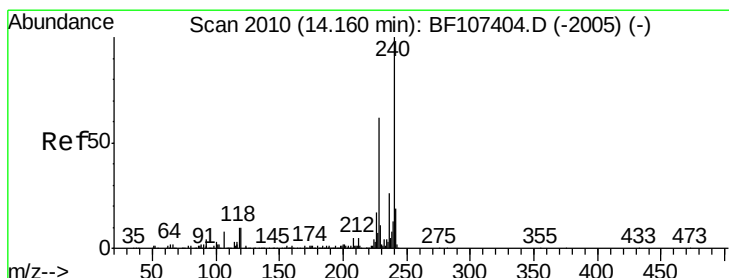
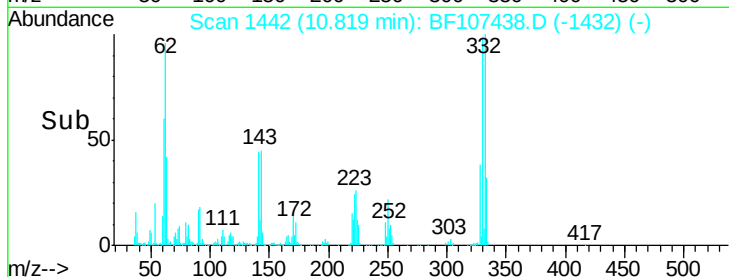
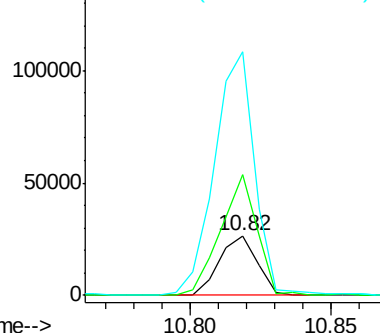
#66
 4-Bromophenyl-phenylether
 Concen: 3.707 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:248 Resp: 24486
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.9 115.3#
 141 406.4 74.4 111.6#

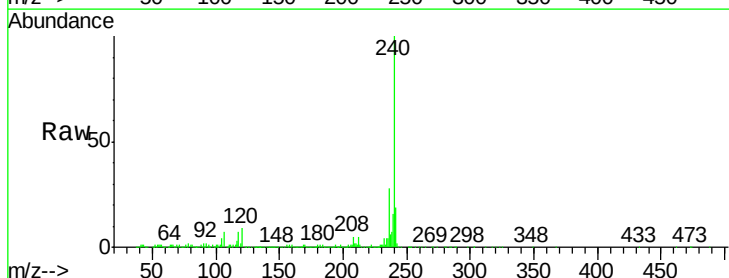


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

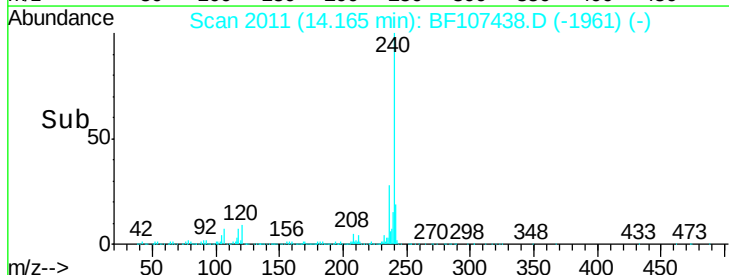
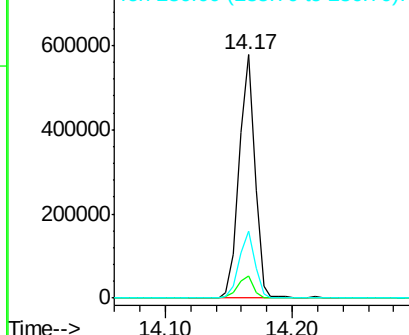


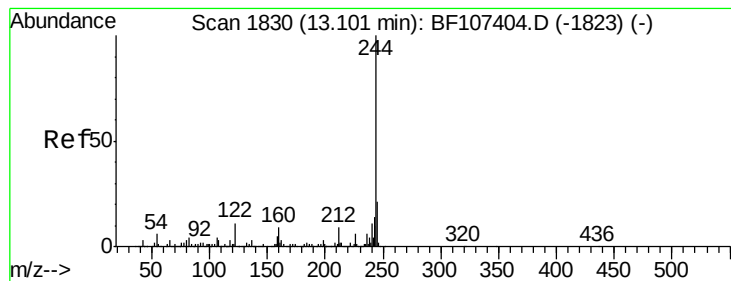
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Tgt Ion:240 Resp: 493992
 Ion Ratio Lower Upper
 240 100
 120 9.0 9.5 14.3#
 236 27.7 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: 59.391 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

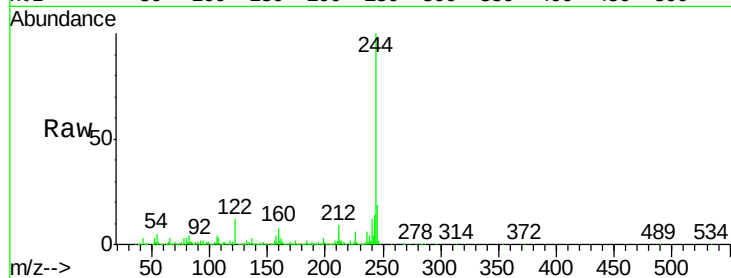
Tgt Ion:244 Resp: 1180841

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

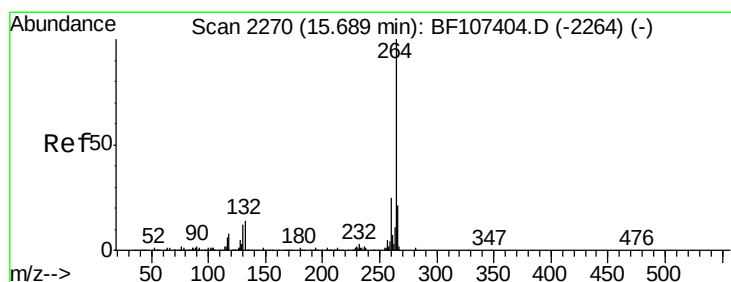
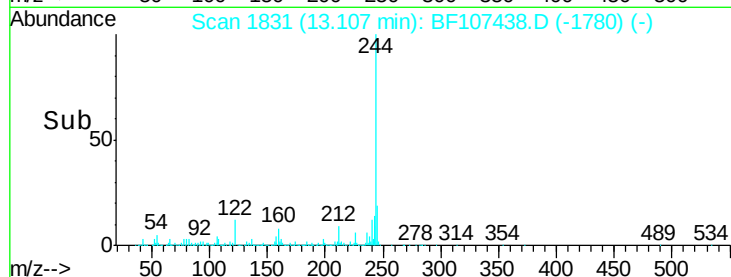
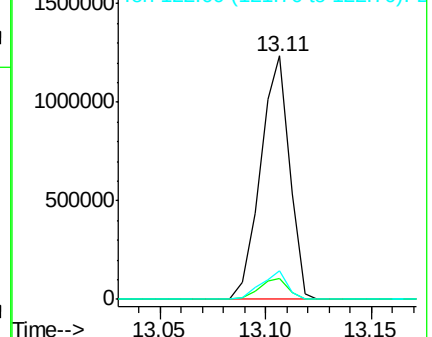
122 11.5 11.0 16.4



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: BF107438.D

Acq: 17 Jul 2018 10:12

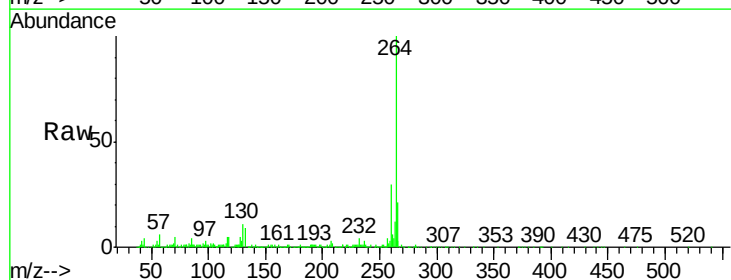
Tgt Ion:264 Resp: 406120

Ion Ratio Lower Upper

264 100

260 29.8 19.2 28.8#

265 20.6 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

