

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 11:31:36 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	7.14	152	334700	20.00	ng	0.16
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	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	726283	32.96	ng	0.01
7) Phenol-d6	6.61	99	952222	33.42	ng	0.01
23) Nitrobenzene-d5	7.54	82	691588	74.89	ng	0.00
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

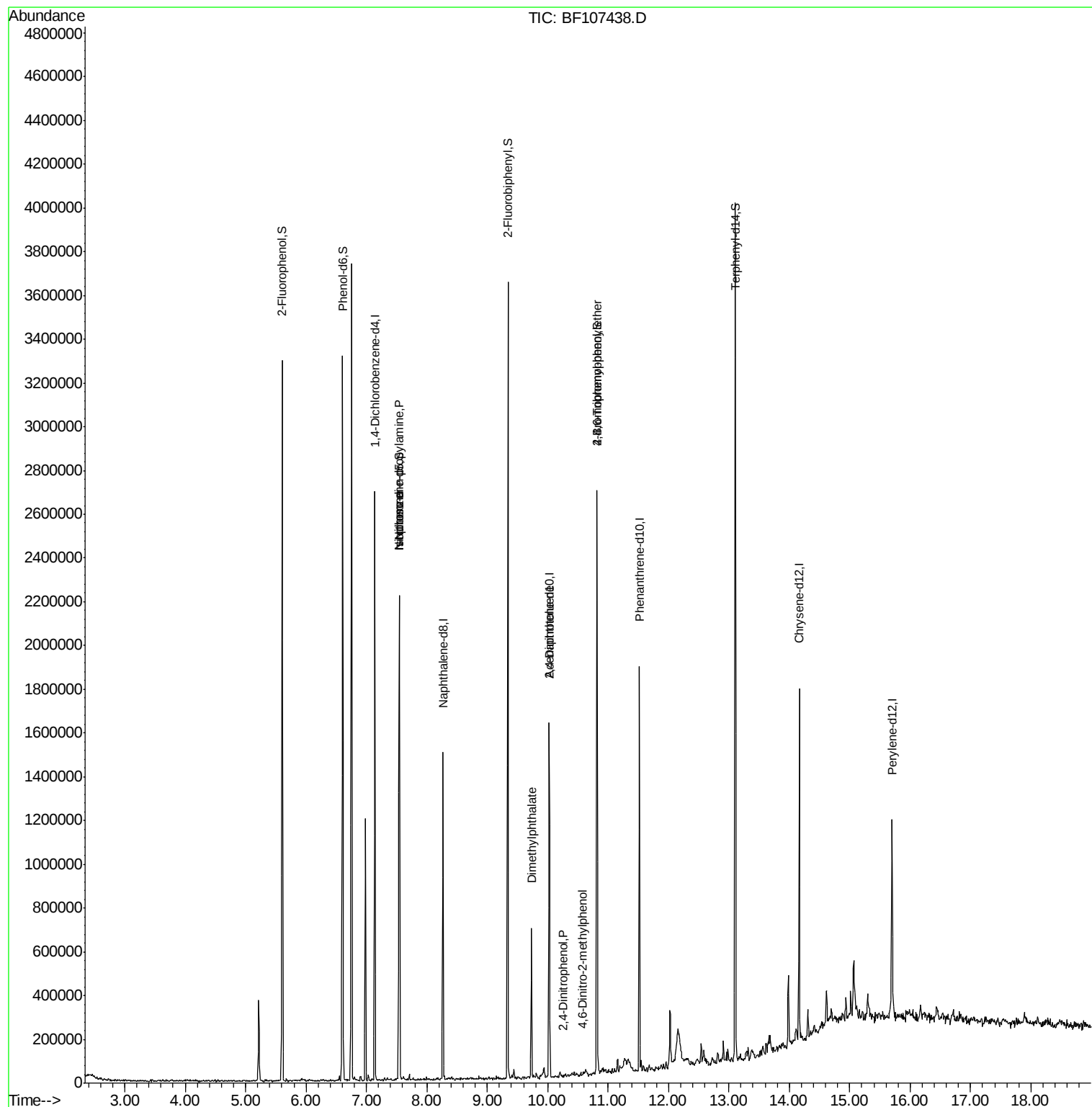
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	116286	5.700	ng	# 75
25) Isophorone	7.54	82	691575	37.784	ng	# 64
49) Dimethylphthalate	9.73	163	204164	9.459	ng	# 99
53) 2,4-Dinitrophenol	10.26	184	181	2.430	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	34055	6.344	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

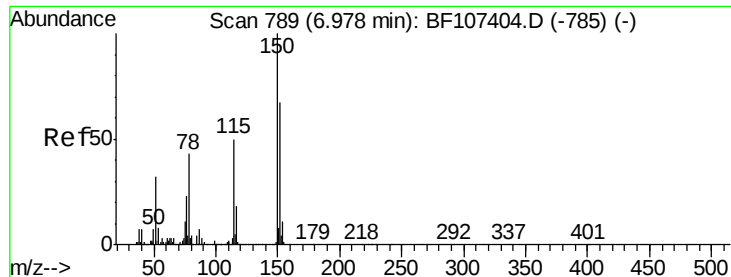
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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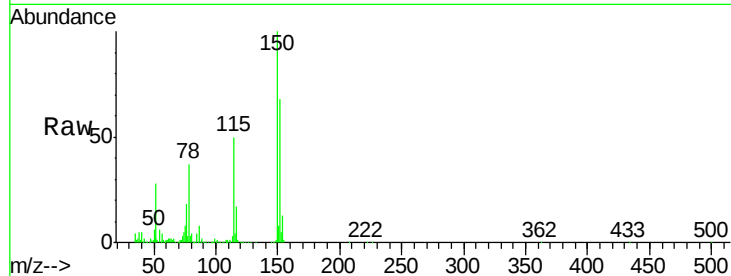


#1

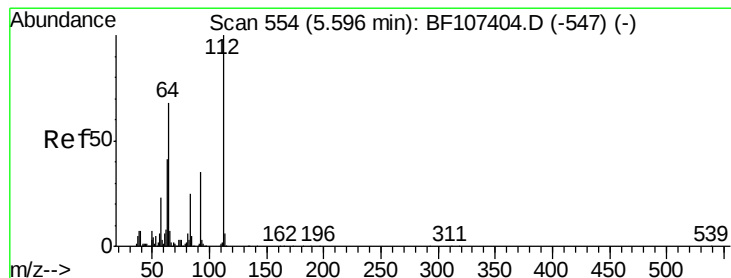
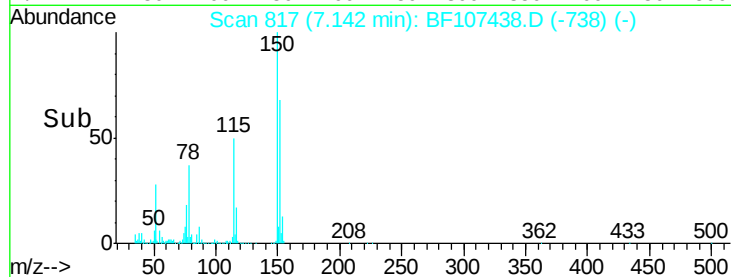
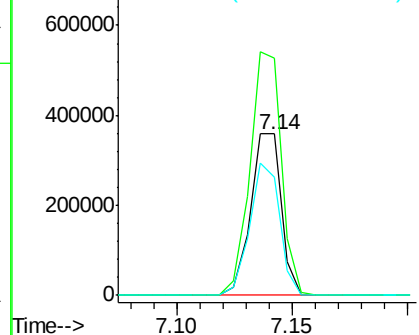
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.14 min Scan# 817
 Delta R.T. 0.16 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 334700
 Ion Ratio Lower Upper
 152 100
 150 147.1 124.6 186.8
 115 73.4 50.1 75.1



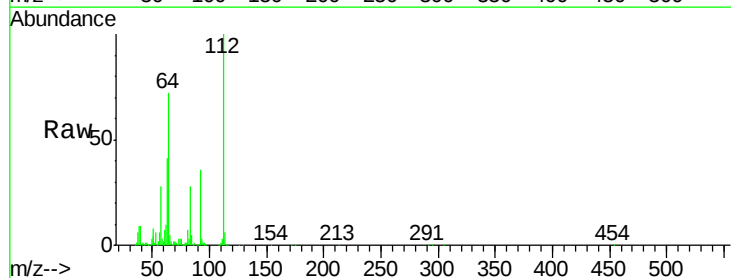
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



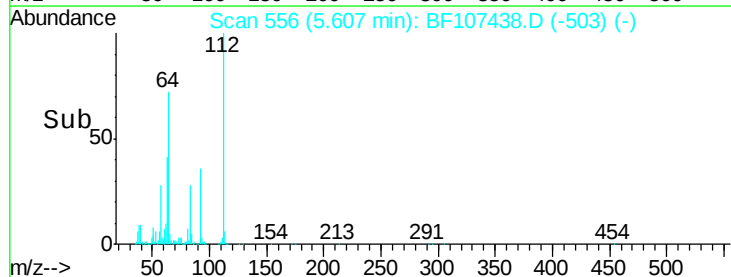
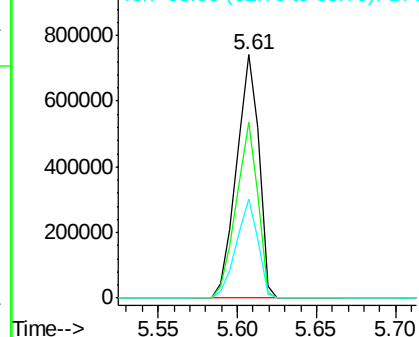
#5

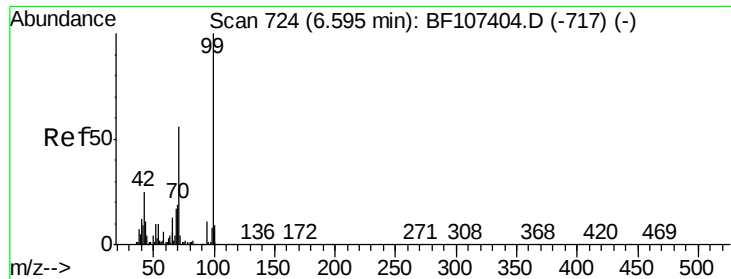
2-Fluorophenol
 Concen: 32.956 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

Tgt Ion:112 Resp: 726283
 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: 33.420 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Instrument :

BNA_F

ClientSampleId :

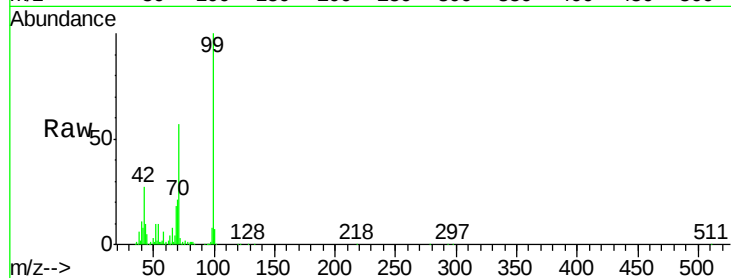
Tgt Ion: 99 Resp: 952222

Ion Ratio Lower Upper

99 100

42 27.0 14.5 21.7#

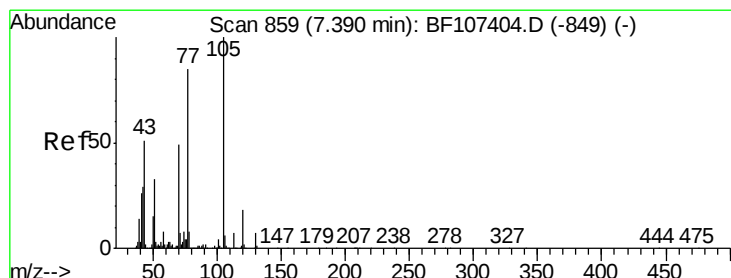
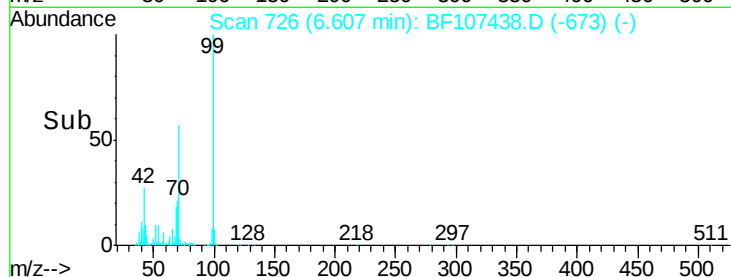
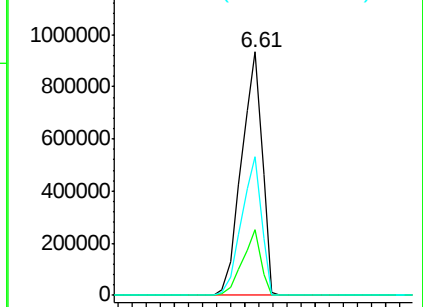
71 57.1 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.700 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

Tgt Ion: 70 Resp: 116286

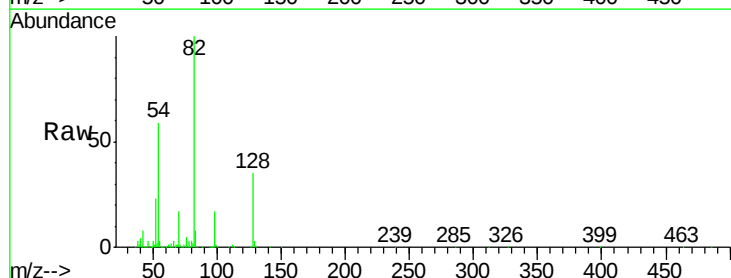
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.1 16.6 25.0#

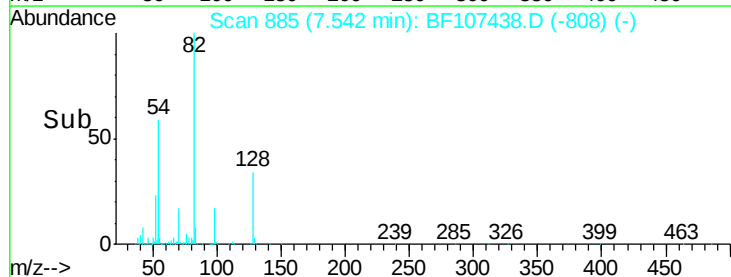
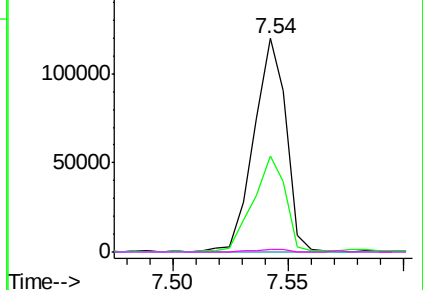


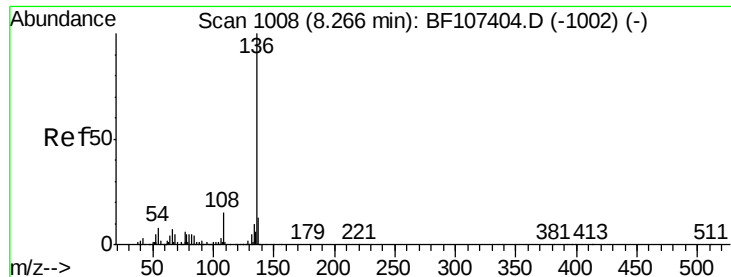
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

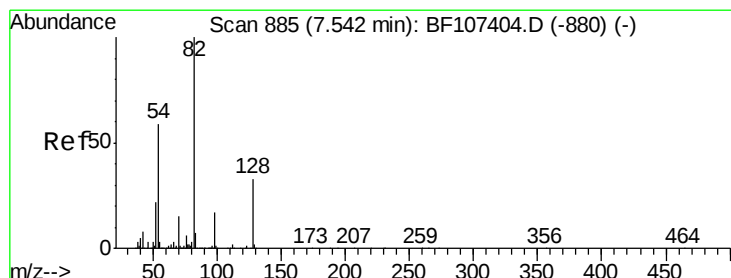
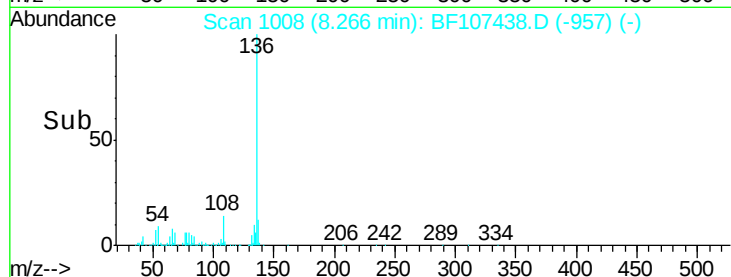
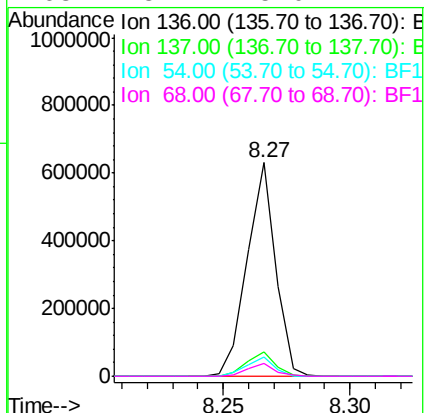
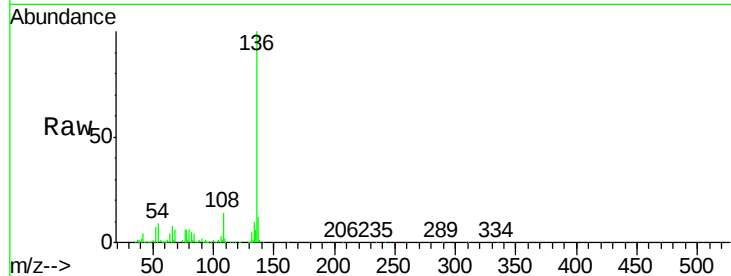




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

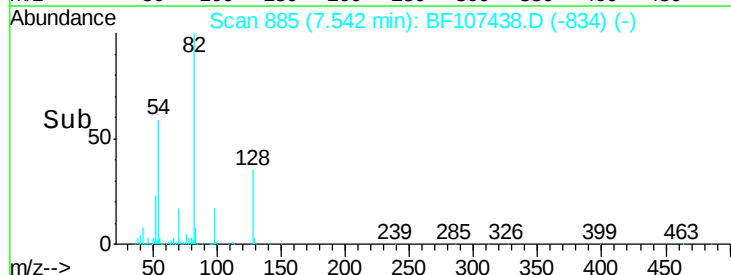
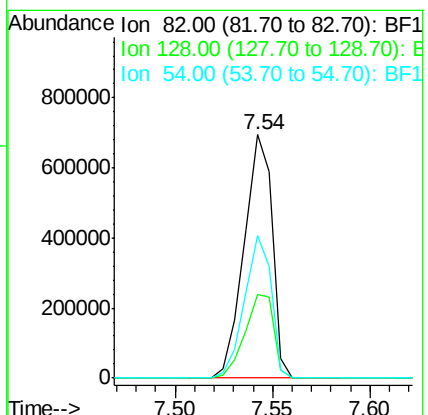
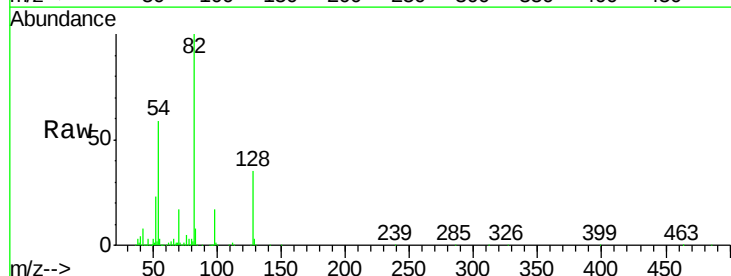
Instrument :
BNA_F
ClientSampleId :

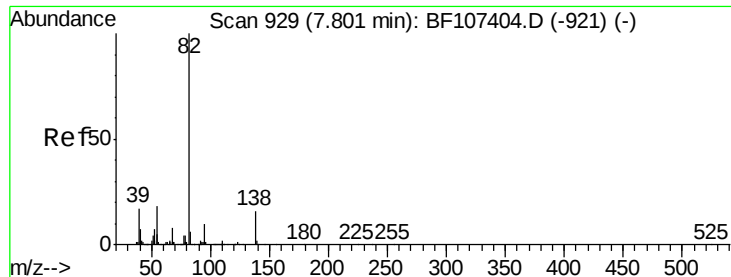
Tgt Ion:	136	Resp:	492413
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.8	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.893 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

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

Instrument :

BNA_F

ClientSampleId :

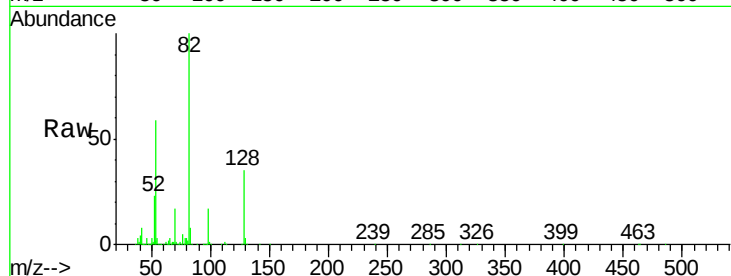
Tgt Ion: 82 Resp: 691575

Ion Ratio Lower Upper

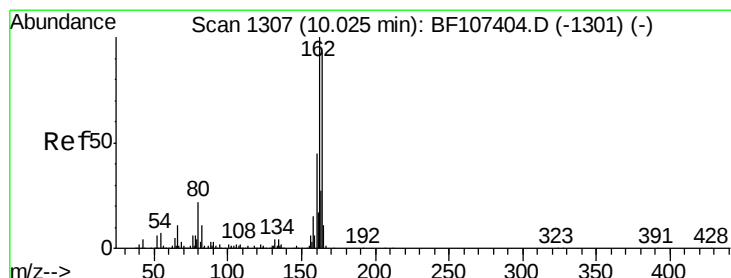
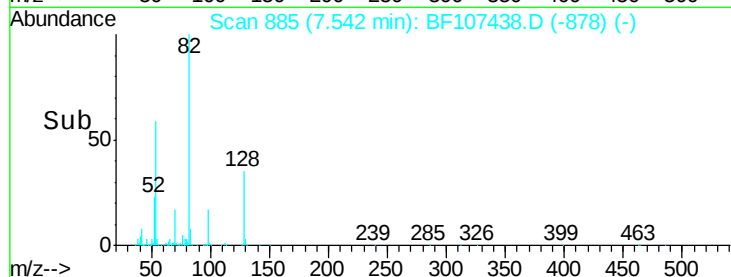
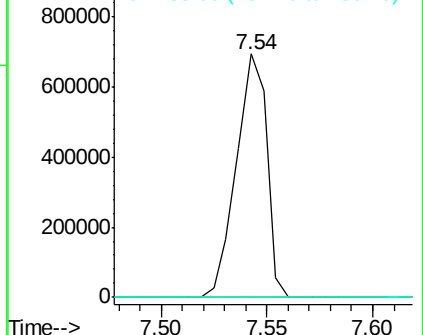
82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

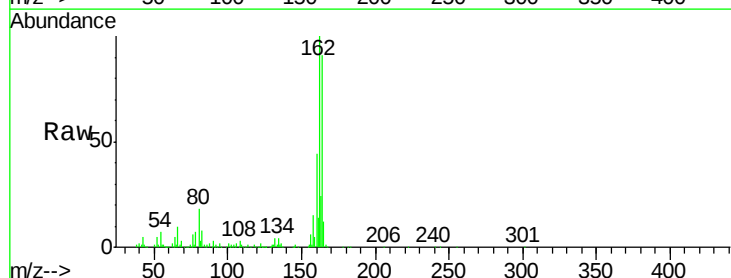
Tgt Ion: 164 Resp: 271646

Ion Ratio Lower Upper

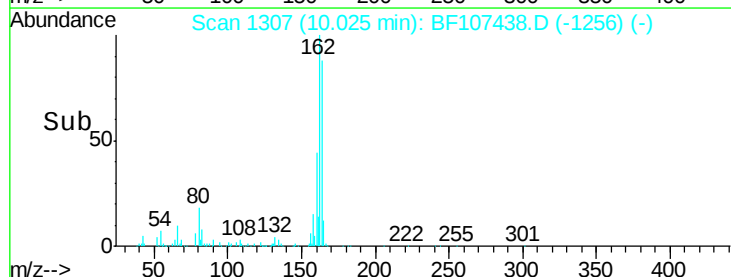
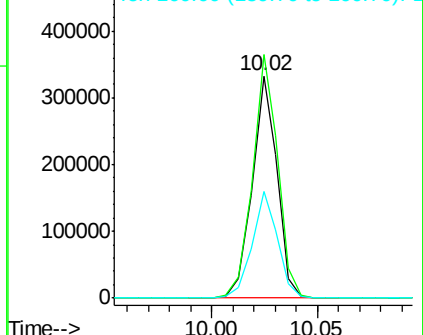
164 100

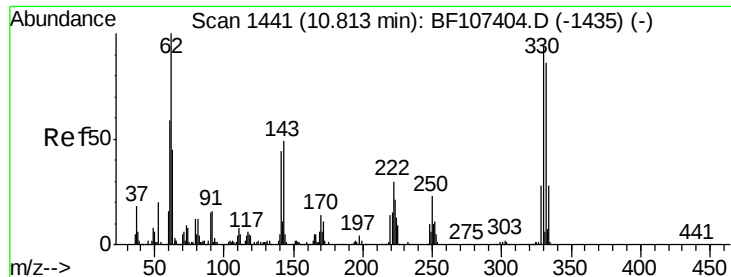
162 109.5 86.1 129.1

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

Instrument :

BNA_F

ClientSampleId :

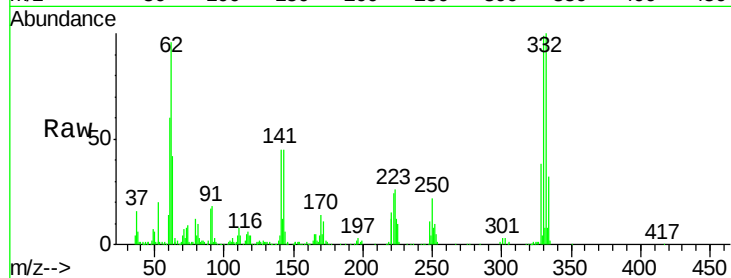
Tgt Ion:330 Resp: 217698

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

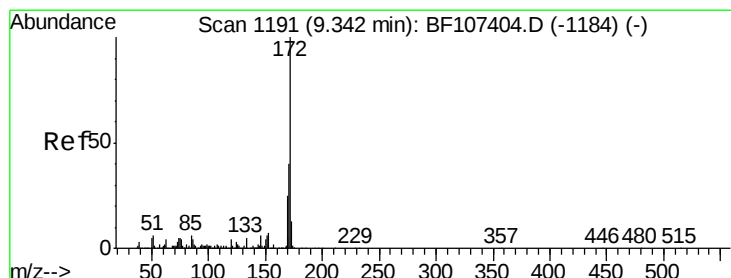
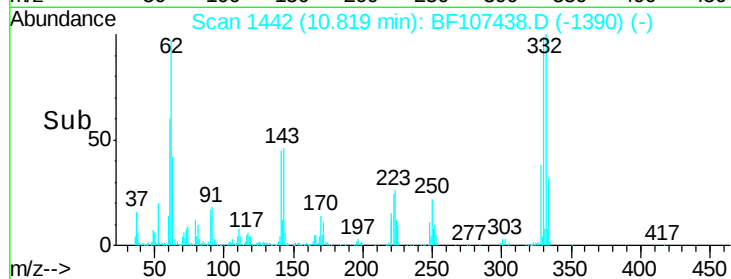
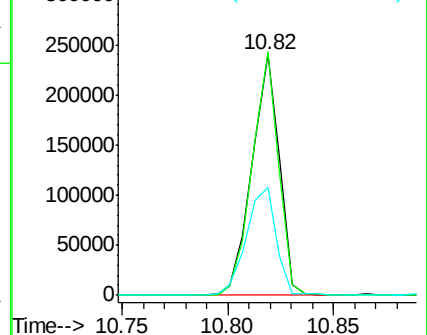
141 49.4 29.9 44.9#



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. 0.00 min

Lab File: BF107438.D

Acq: 17 Jul 2018 10:12

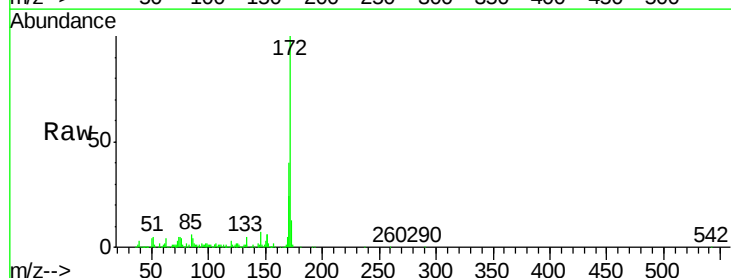
Tgt Ion:172 Resp: 1026561

Ion Ratio Lower Upper

172 100

171 39.7 29.7 44.5

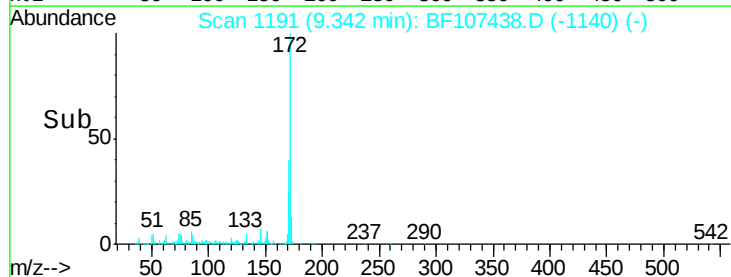
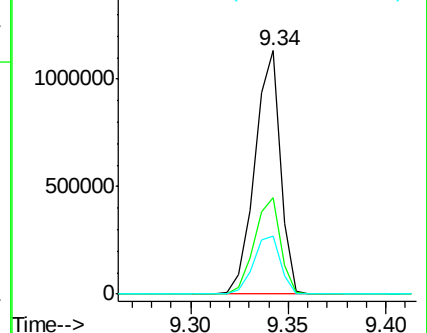
170 24.1 19.6 29.4

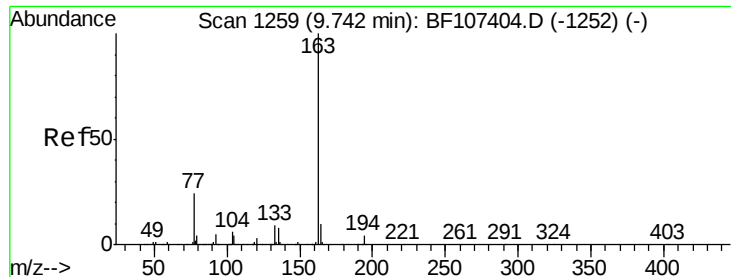


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

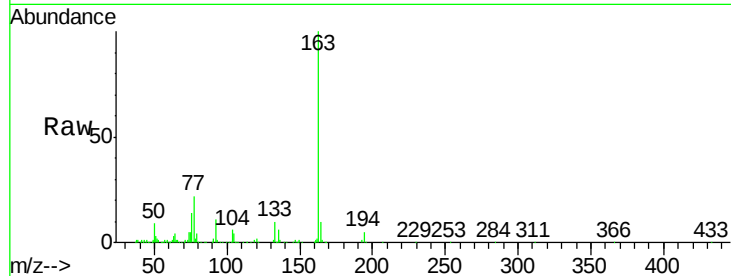




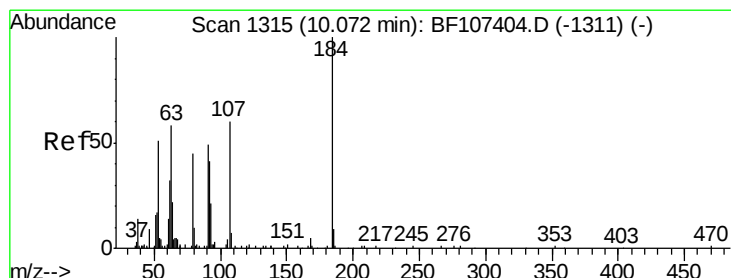
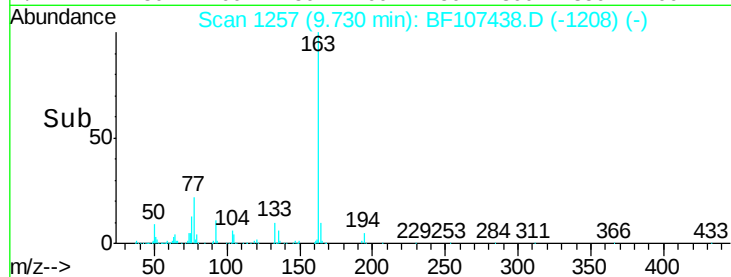
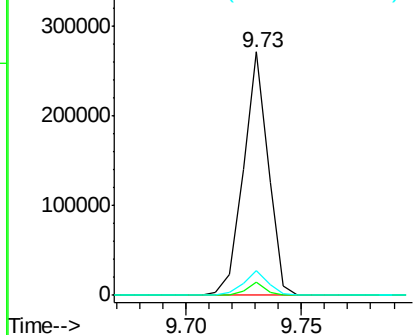
#49
Dimethylphthalate
Concen: 9.459 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

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

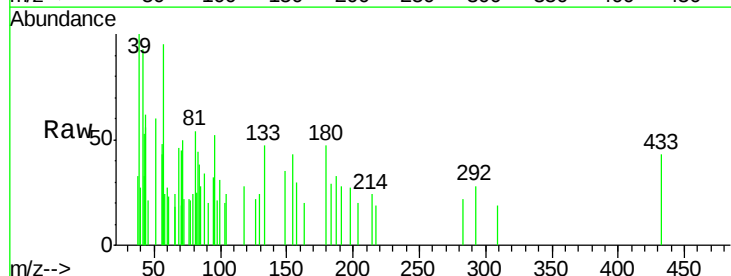


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

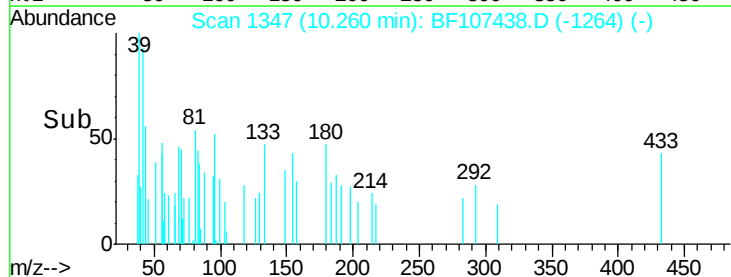
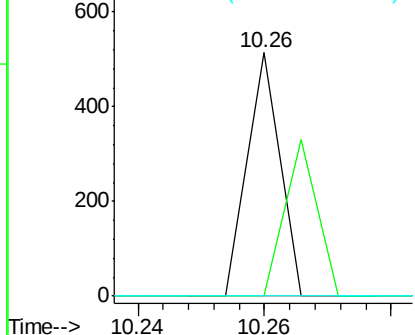


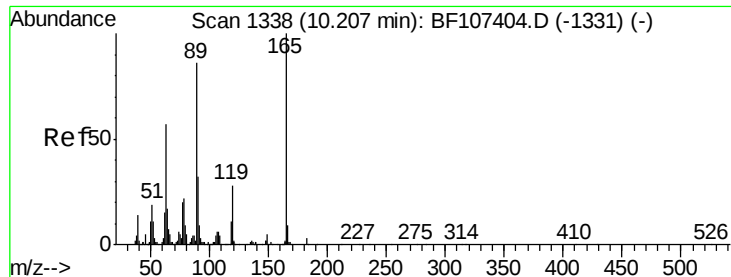
#53
2,4-Dinitrophenol
Concen: 2.430 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.19 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Tgt 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

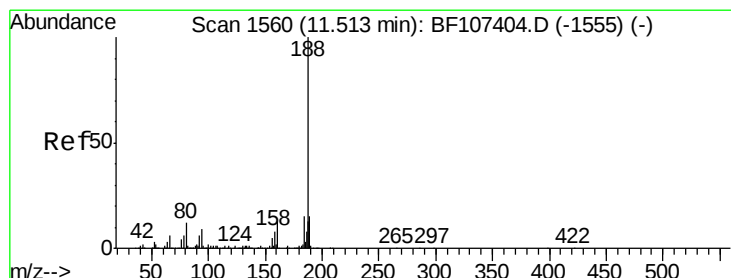
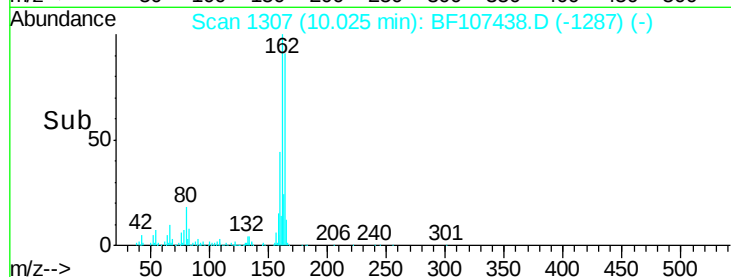
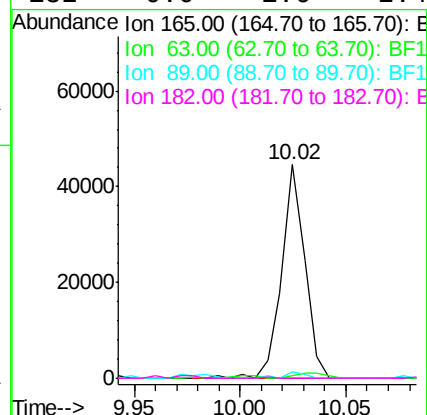
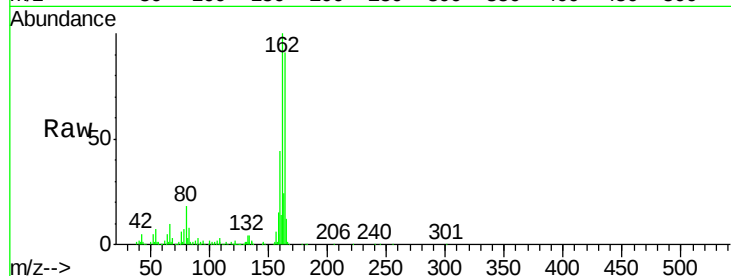




#56
 2,4-Dinitrotoluene
 Concen: 6.344 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

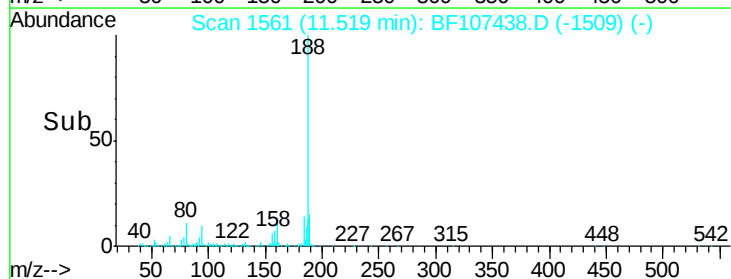
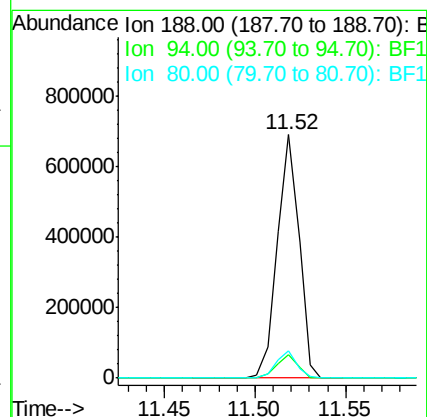
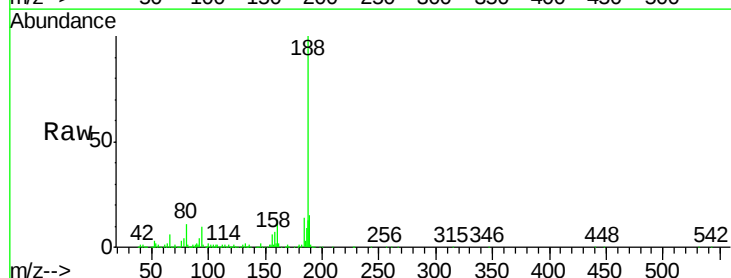
Instrument :
 BNA_F
 ClientSampleId :

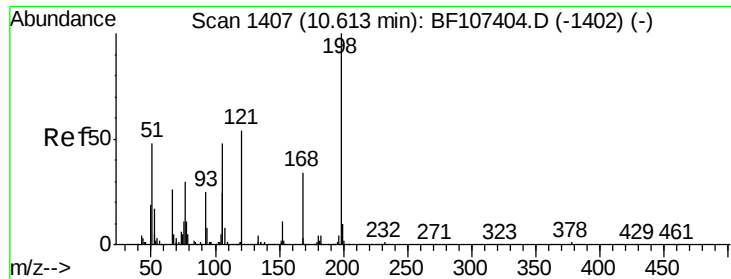
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	3.2	57.8	86.6#
182	0.0	1.6	2.4#



#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

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

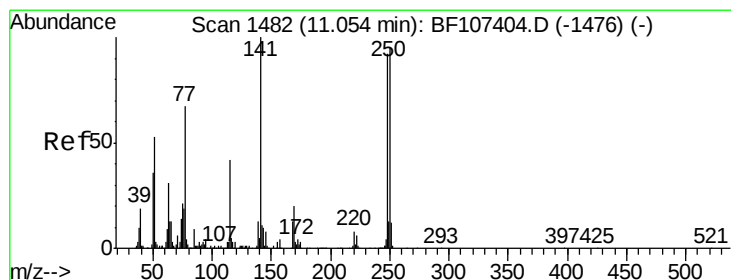
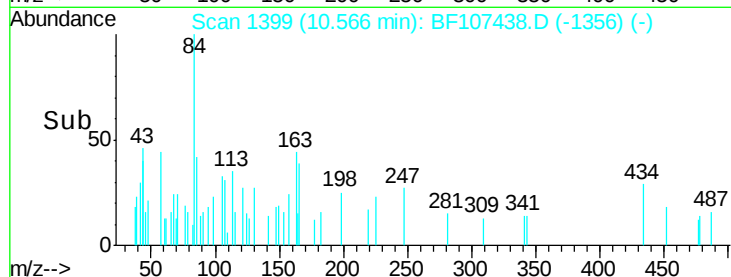
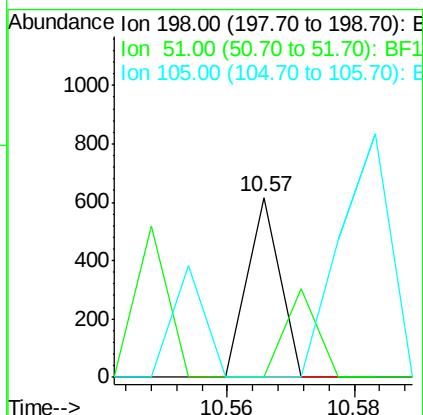
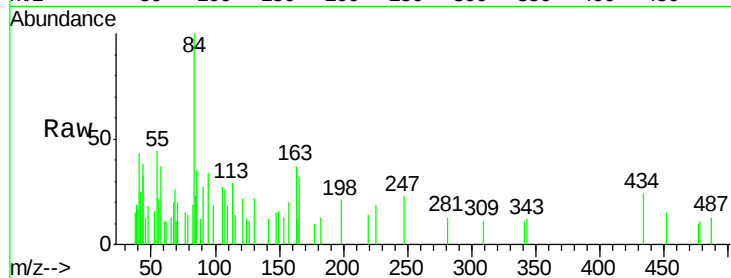




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.549 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.05 min
 Lab File: BF107438.D
 Acq: 17 Jul 2018 10:12

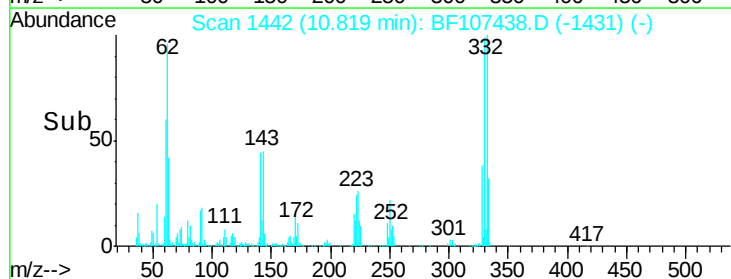
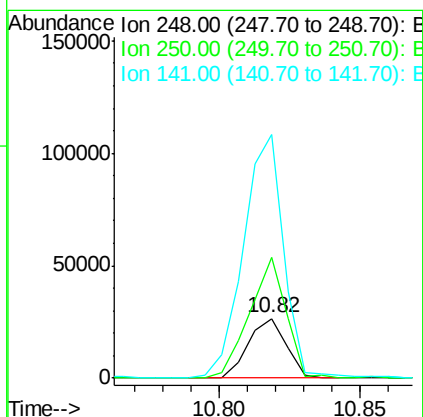
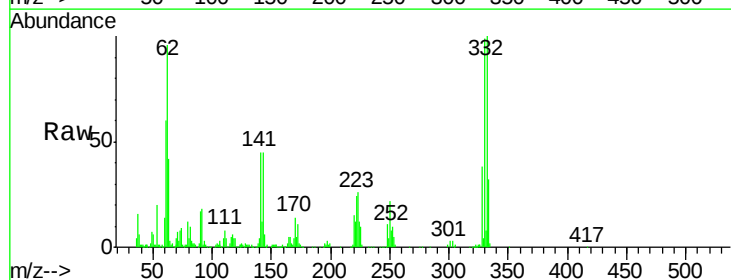
Instrument :
 BNA_F
 ClientSampleId :

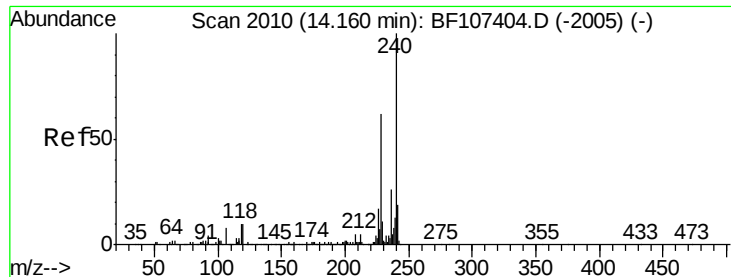
Tgt Ion:198 Resp: 218
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#



#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

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#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107438.D

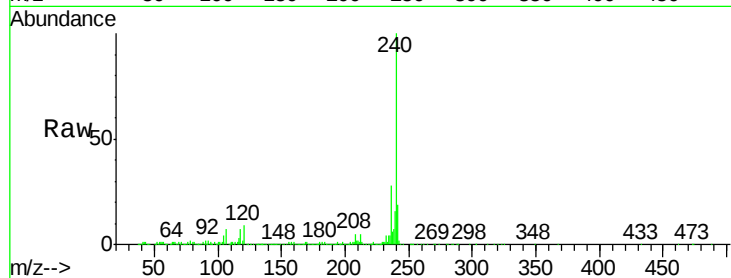
Acq: 17 Jul 2018 10:12

Instrument :

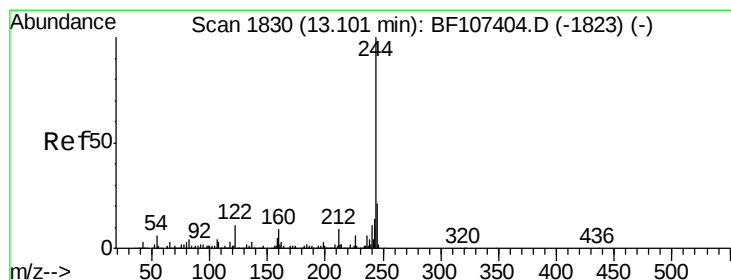
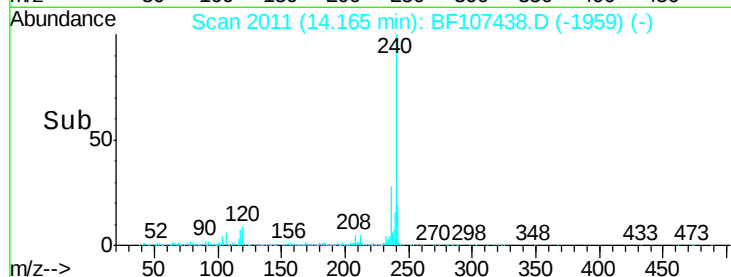
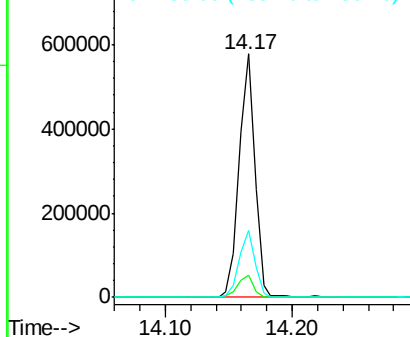
BNA_F

ClientSampleId :

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

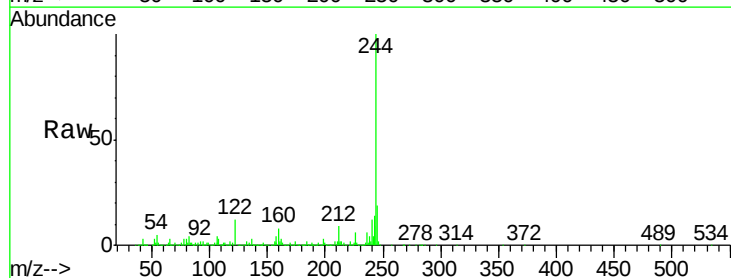
RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

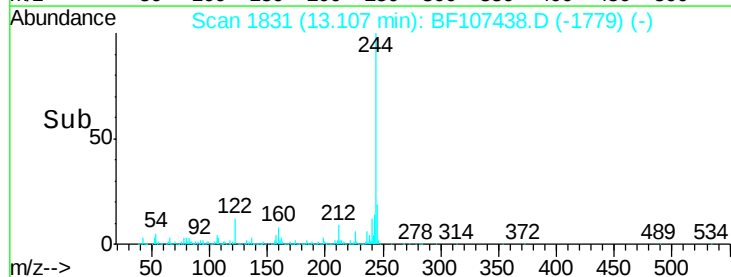
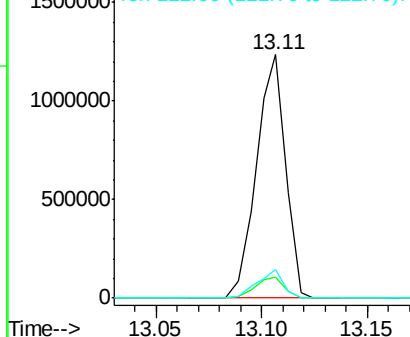
Lab File: BF107438.D

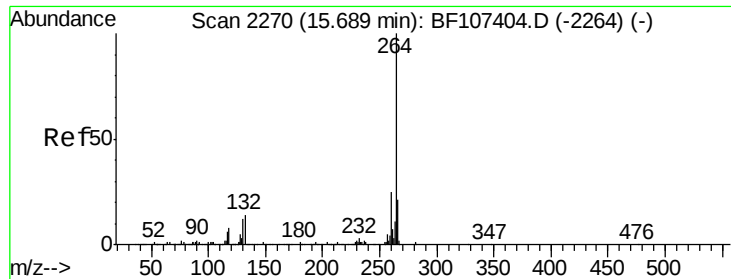
Acq: 17 Jul 2018 10:12

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

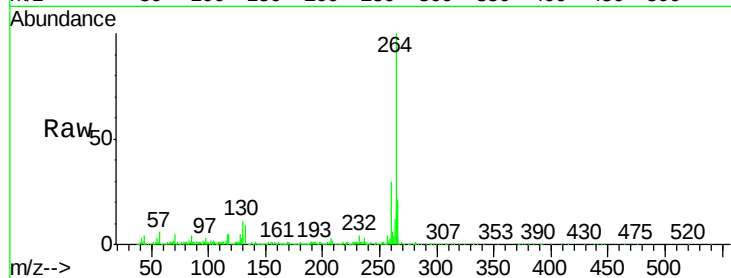




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF107438.D
Acq: 17 Jul 2018 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt 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

