

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107424.D
 Acq On : 17 Jul 2018 1:11
 Operator : JU/SJ
 Sample : J3966-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Quant Time: Jul 17 04:05:35 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

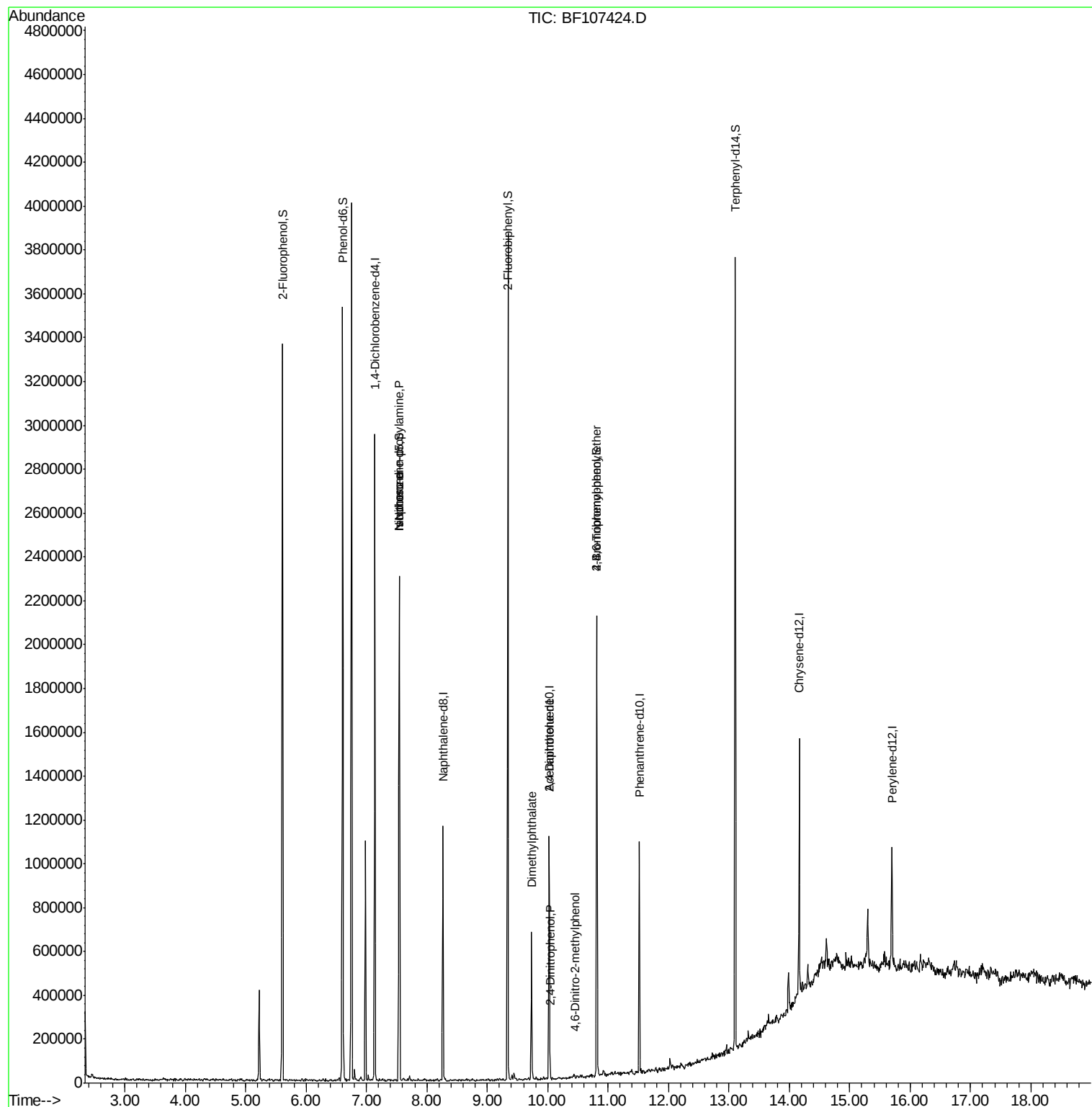
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	373835	20.00	ng	0.16
21) Naphthalene-d8	8.27	136	404877	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	184862	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	364028	20.00	ng	0.00
75) Chrysene-d12	14.17	240	383509	20.00	ng	0.00
86) Perylene-d12	15.70	264	239632	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	820003	33.31	ng	0.02
7) Phenol-d6	6.61	99	1028360	32.31	ng	0.01
23) Nitrobenzene-d5	7.54	82	715891	94.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	175534	108.07	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1107757	102.09	ng	0.00
78) Terphenyl-d14	13.11	244	1150716	74.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	121131	5.316	ng	# 78
25) Isophorone	7.54	82	715875	47.567	ng	# 64
49) Dimethylphthalate	9.73	163	202843	13.810	ng	# 99
53) 2,4-Dinitrophenol	10.04	184	124	2.431	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	26294	7.197	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.45	198	114	7.539	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	20821	4.999	ng	# 1

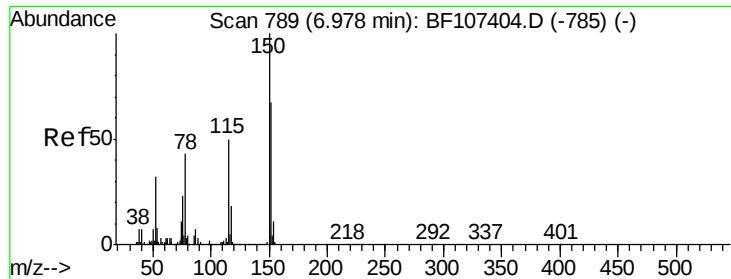
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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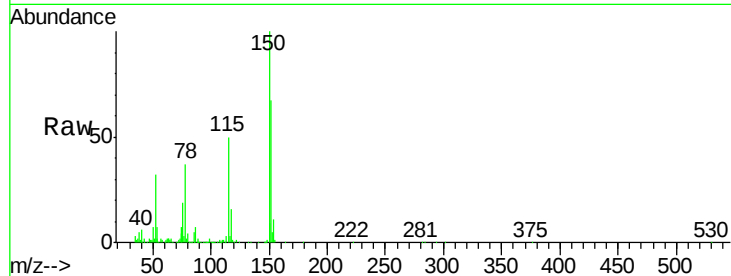


#1

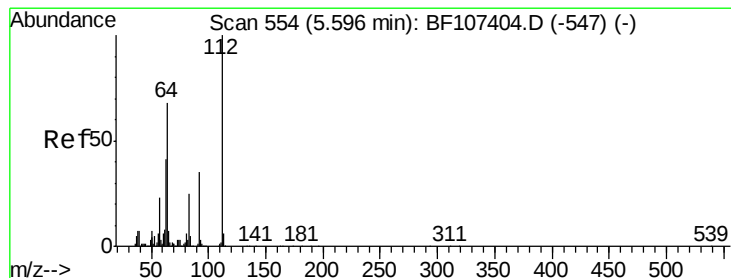
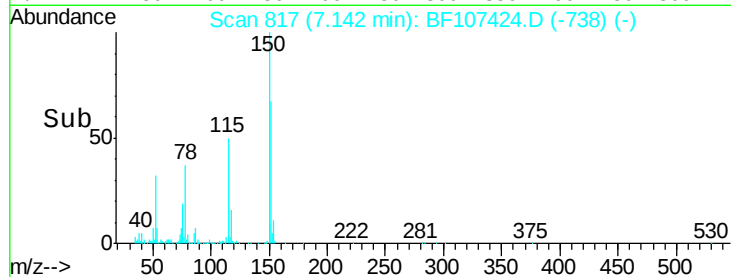
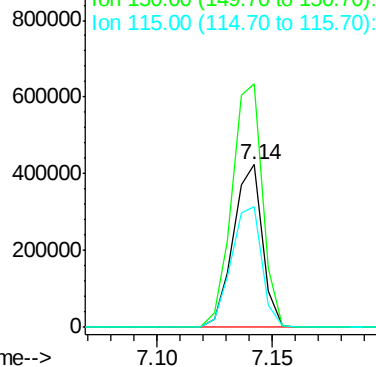
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion:152 Resp: 373835
Ion Ratio Lower Upper
152 100
150 149.6 124.6 186.8
115 74.3 50.1 75.1



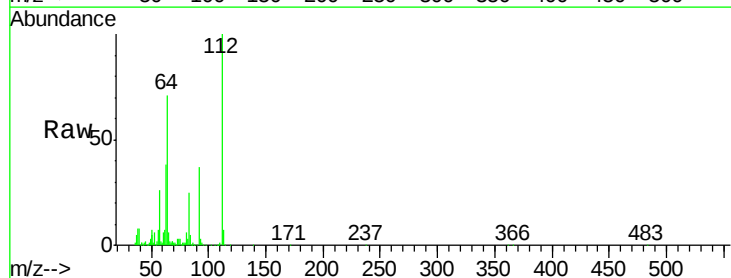
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



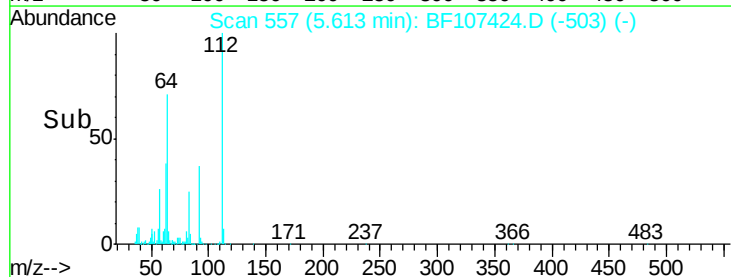
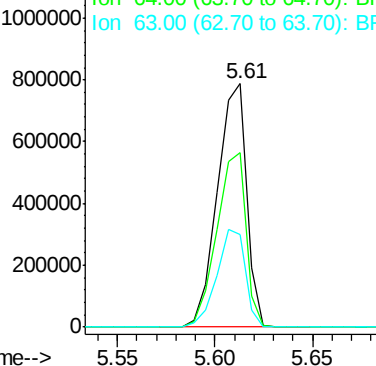
#5

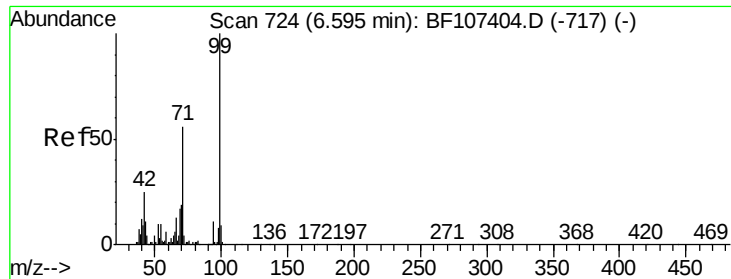
2-Fluorophenol
Concen: 33.313 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Tgt Ion:112 Resp: 820003
Ion Ratio Lower Upper
112 100
64 71.4 47.9 71.9
63 38.2 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: 32.314 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

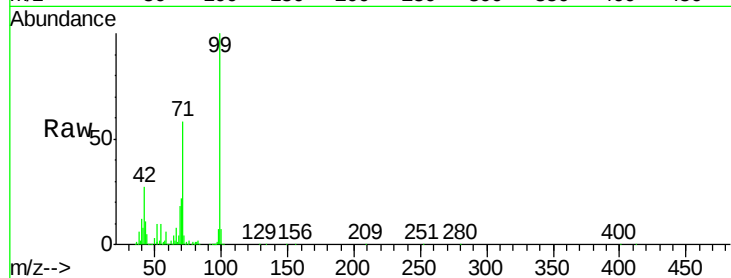
Tgt Ion: 99 Resp: 1028360

Ion Ratio Lower Upper

99 100

42 27.2 14.5 21.7#

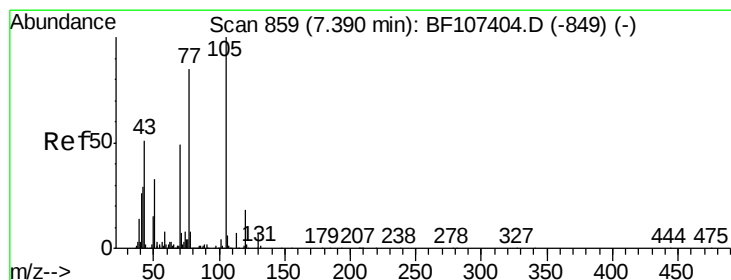
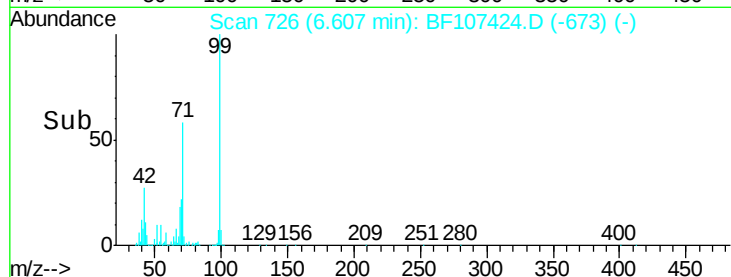
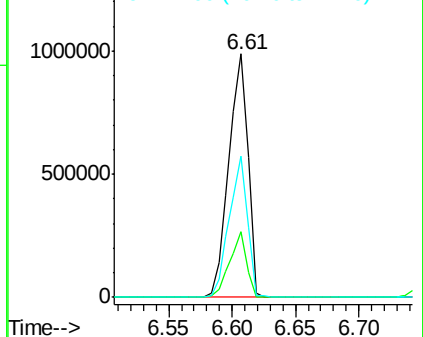
71 57.8 25.4 38.0#



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: 5.316 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Tgt Ion: 70 Resp: 121131

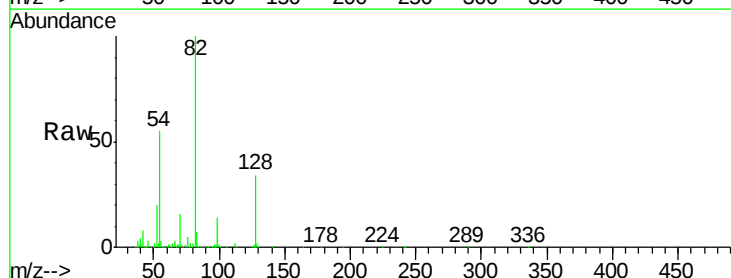
Ion Ratio Lower Upper

70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.1 16.6 25.0#

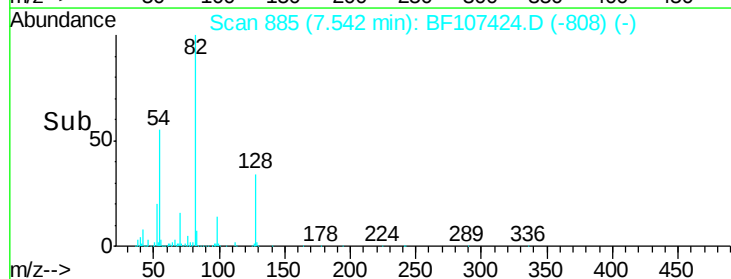
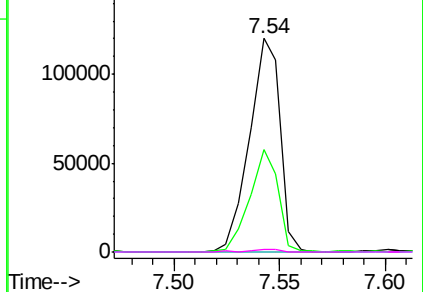


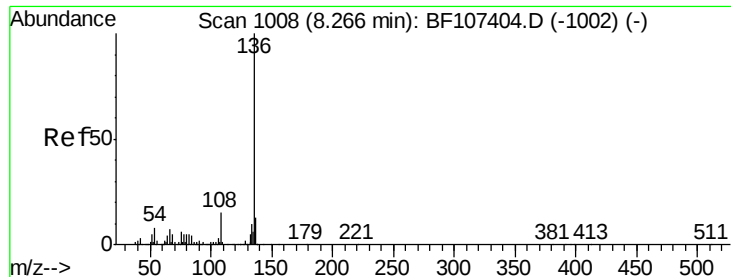
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

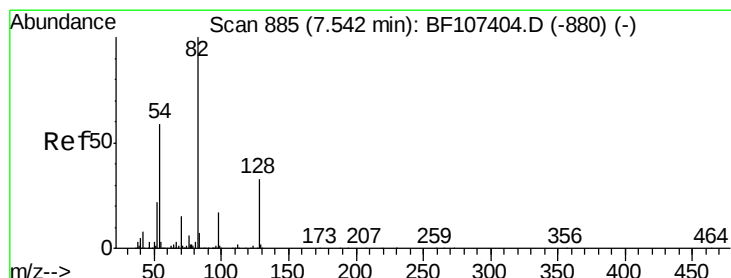
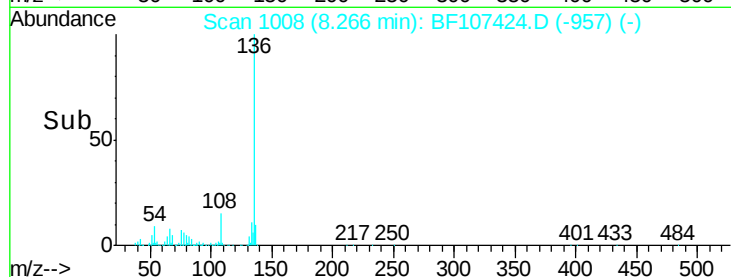
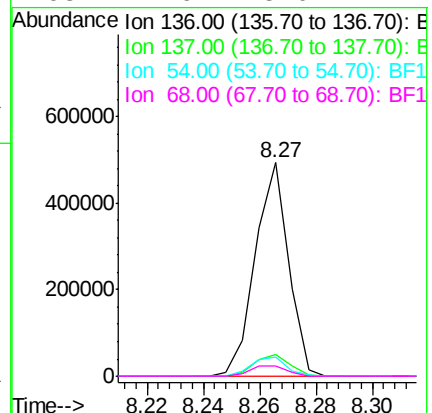
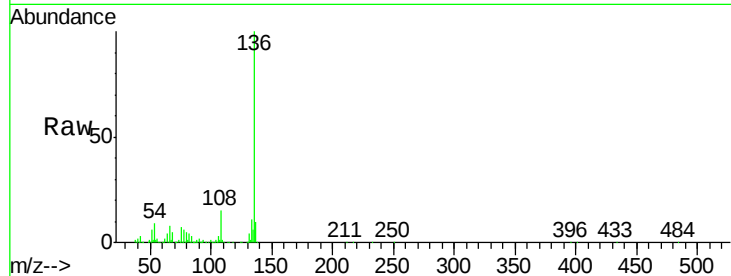




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

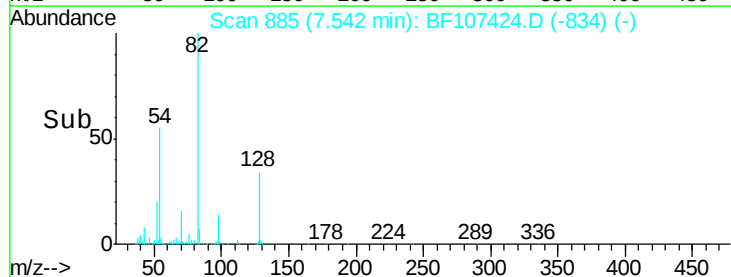
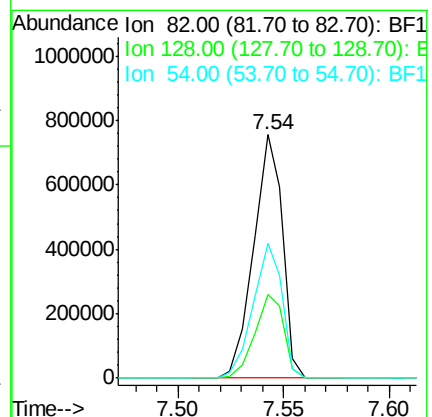
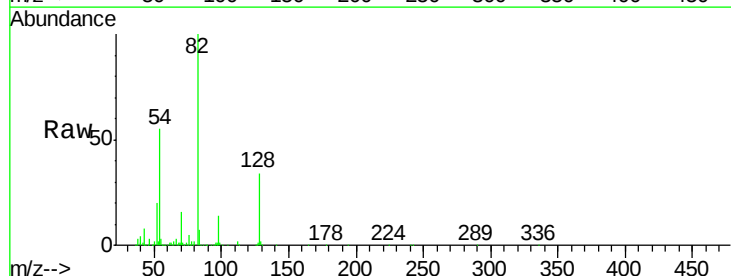
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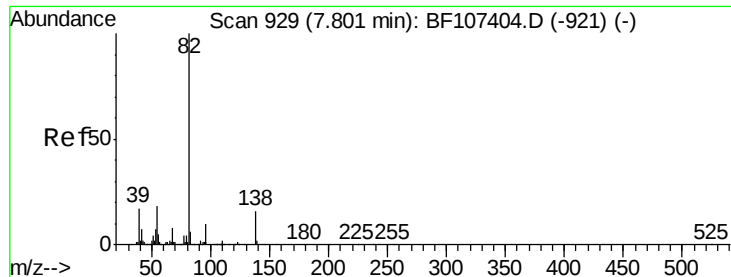
Tgt Ion:	136	Resp:	404877
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.8	6.6	9.8
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 94.286 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Tgt Ion:	82	Resp:	715891
Ion	Ratio	Lower	Upper
82	100		
128	34.4	36.1	54.1#
54	55.2	41.4	62.2





#25

Isophorone

Concen: 47.567 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

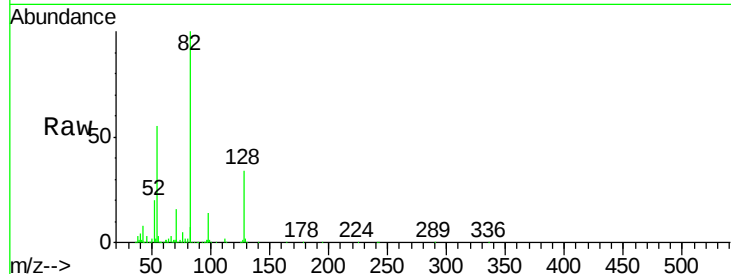
Tgt Ion: 82 Resp: 715875

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

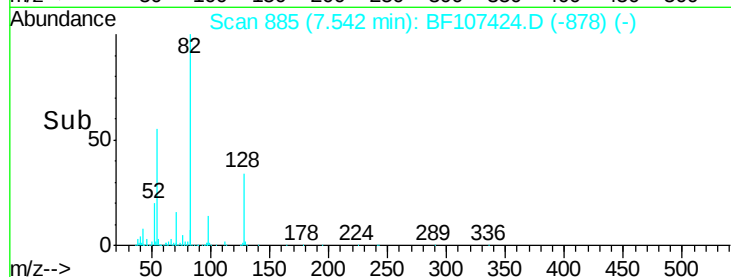


Abundance Ion 82.00 (81.70 to 82.70): BF1

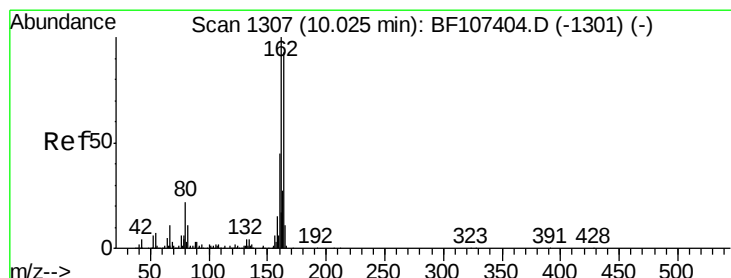
Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

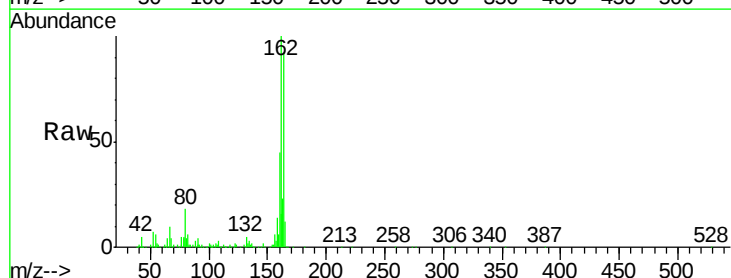
Tgt Ion: 164 Resp: 184862

Ion Ratio Lower Upper

164 100

162 109.1 86.1 129.1

160 49.0 38.3 57.5

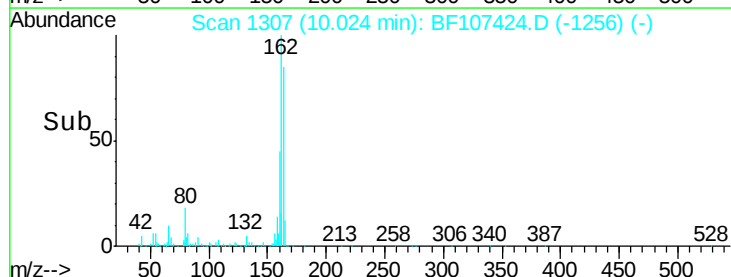


Abundance Ion 164.00 (163.70 to 164.70): E

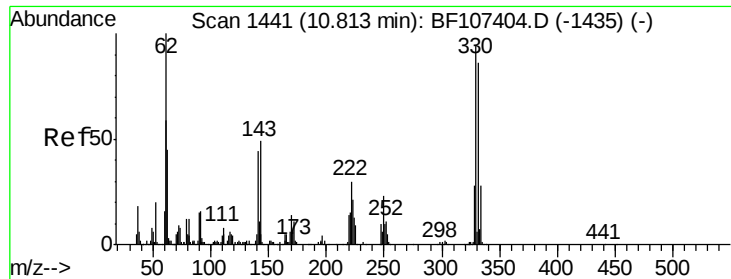
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



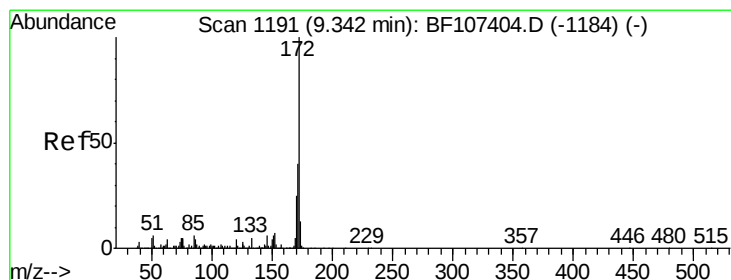
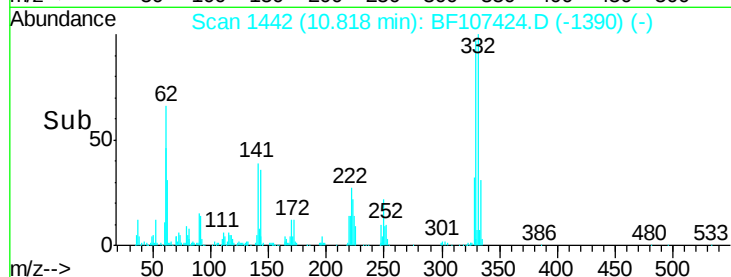
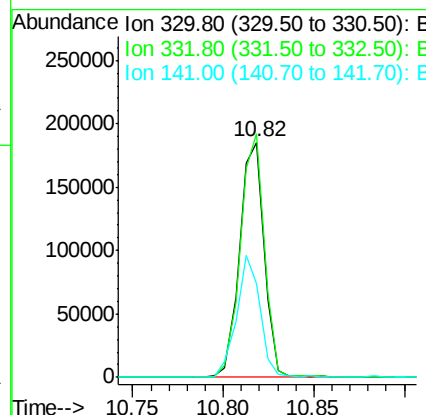
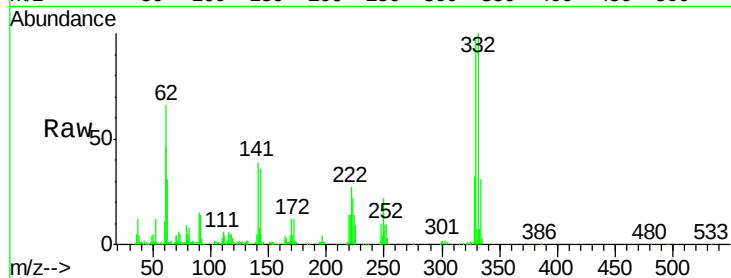
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 108.072 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

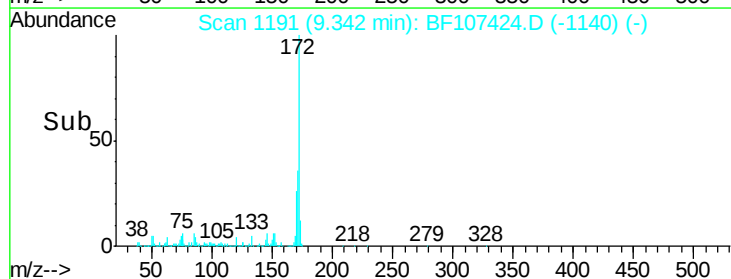
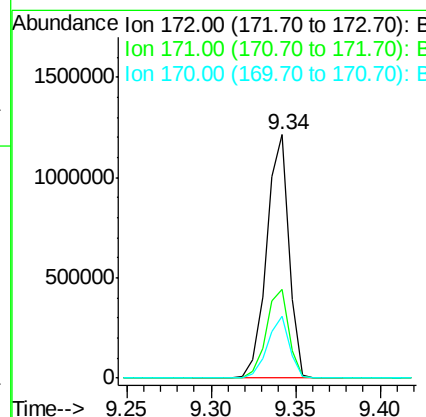
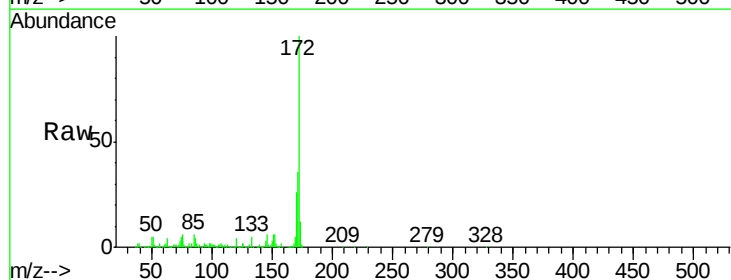
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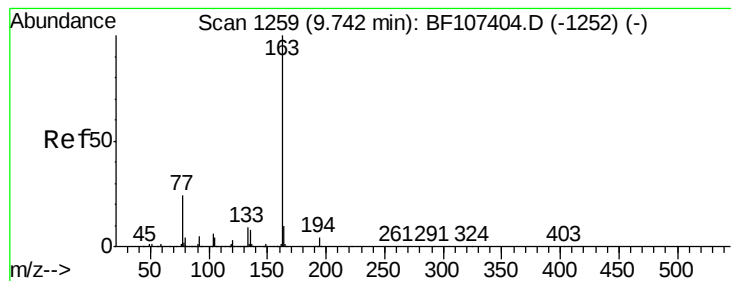
Tgt Ion:330 Resp: 175534
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 49.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.092 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

Tgt Ion:172 Resp: 1107757
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 25.6 19.6 29.4





#49

Dimethylphthalate

Concen: 13.810 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

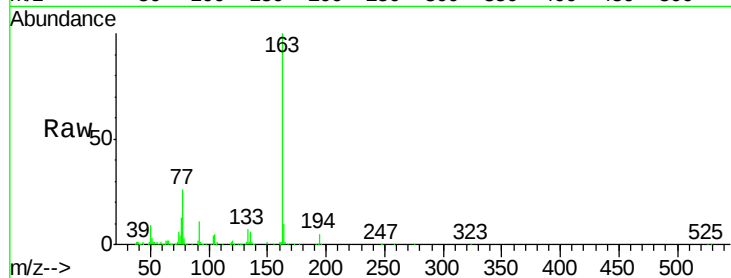
Tgt Ion:163 Resp: 202843

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

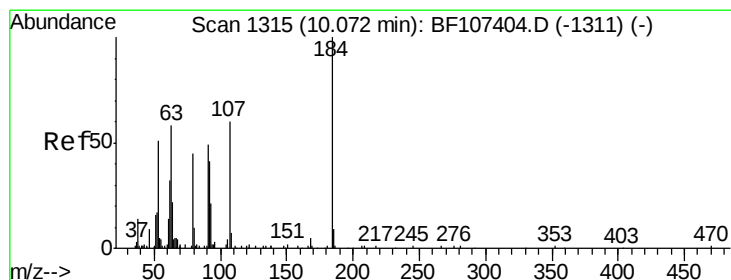
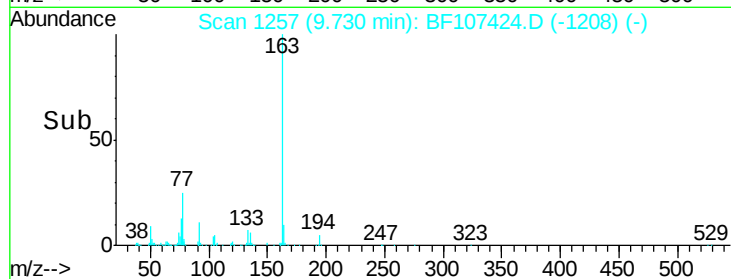
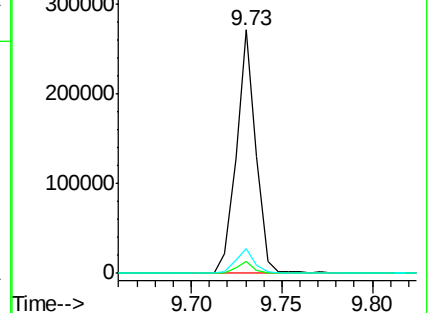
164 10.2 8.2 12.2



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: 2.431 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

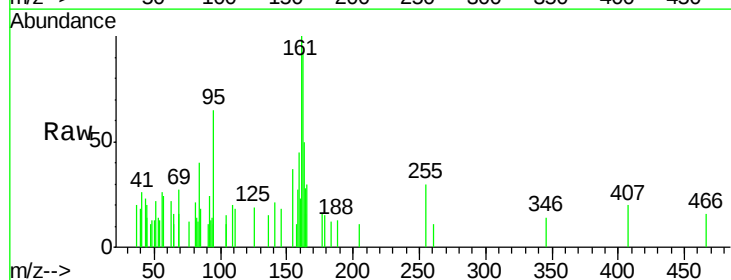
Tgt Ion:184 Resp: 124

Ion Ratio Lower Upper

184 100

63 178.6 54.2 81.2#

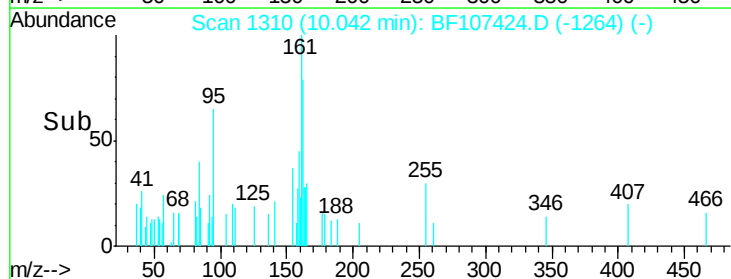
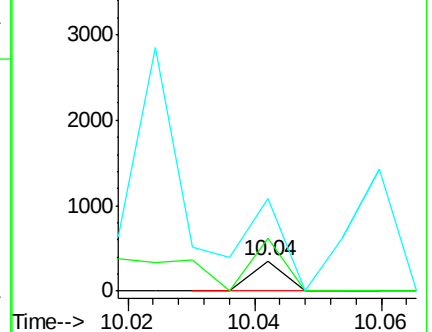
154 310.6 184.0 276.0#

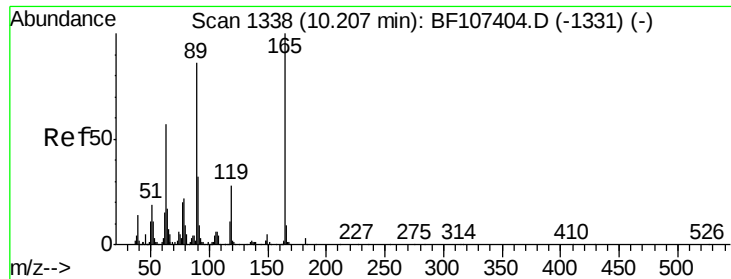


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

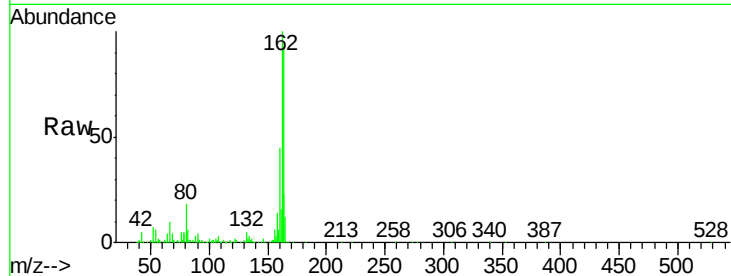




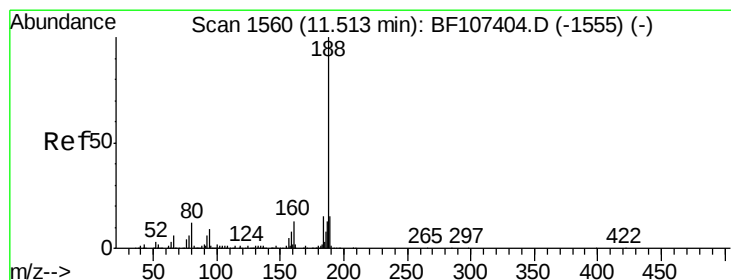
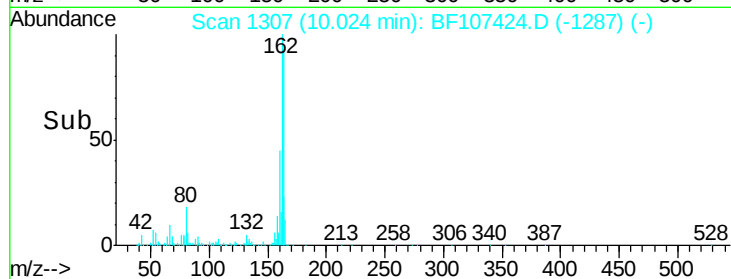
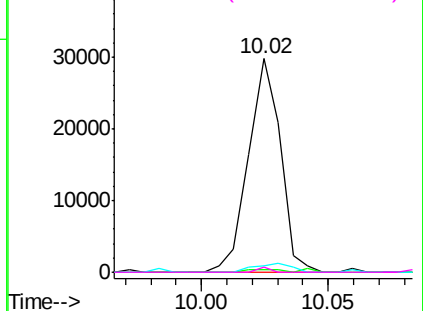
#56
2,4-Dinitrotoluene
Concen: 7.197 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion:165 Resp: 26294
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 2.8 57.8 86.6#
182 2.2 1.6 2.4

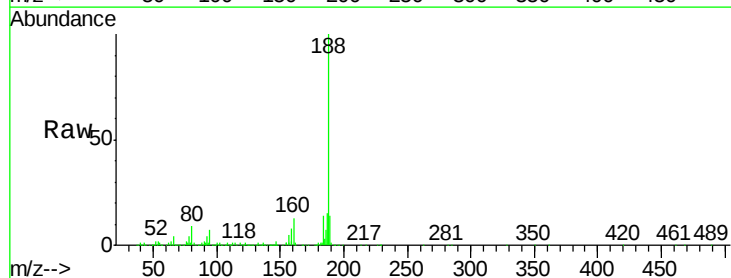


Abundance Ion 165.00 (164.70 to 165.70): E

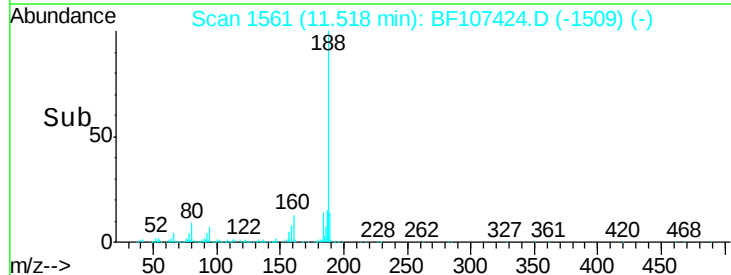
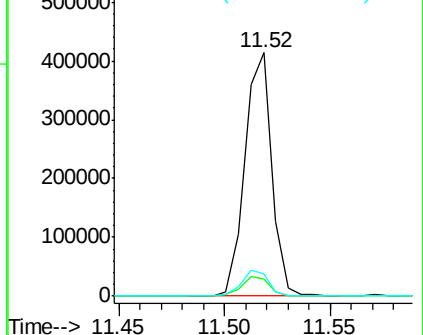


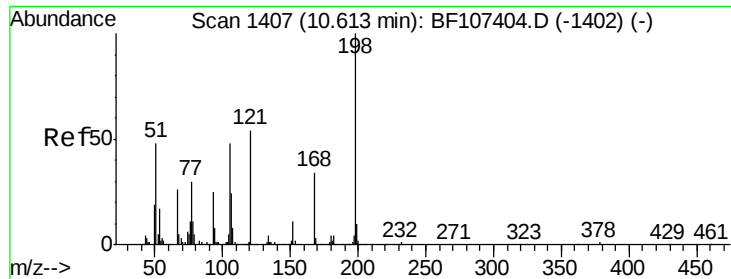
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107424.D
Acq: 17 Jul 2018 1:11

Tgt Ion:188 Resp: 364028
Ion Ratio Lower Upper
188 100
94 6.9 8.5 12.7#
80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

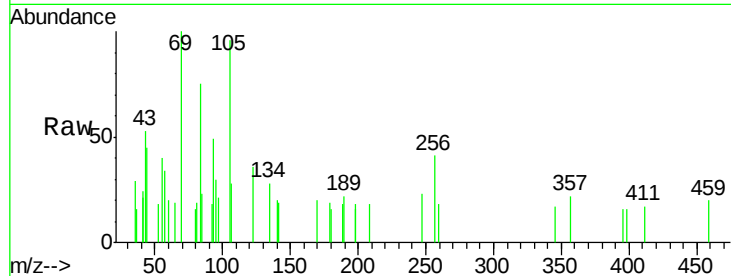




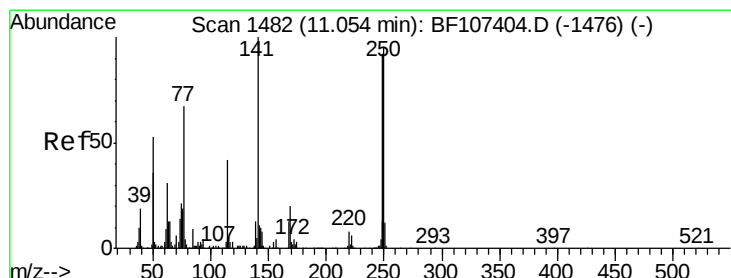
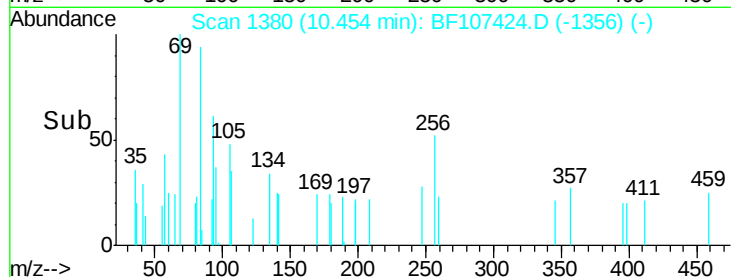
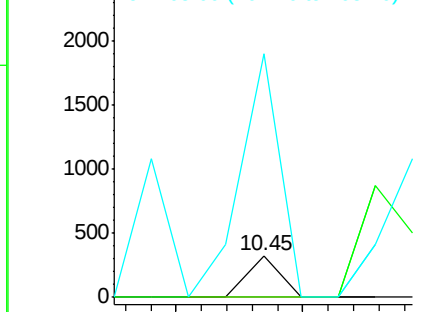
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.539 ng
 RT: 10.45 min Scan# 1380
 Delta R.T. -0.16 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Tgt Ion:198 Resp: 114
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 585.5 36.3 76.3#

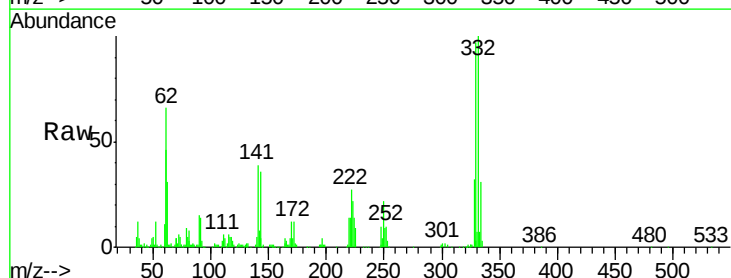


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

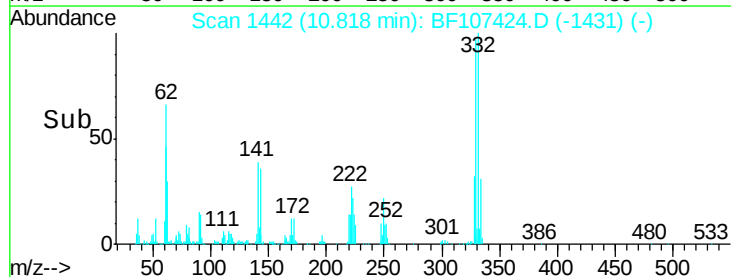
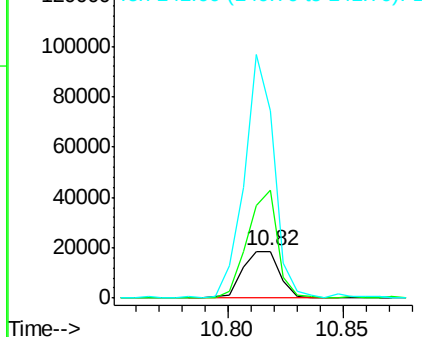


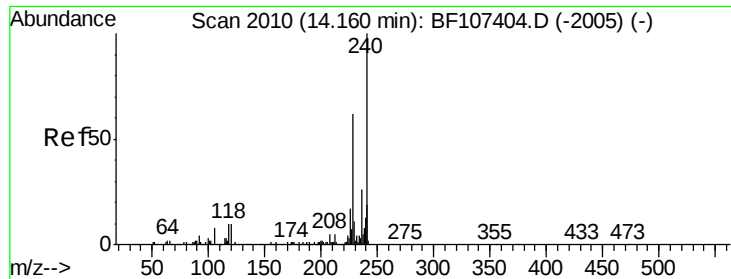
#66
 4-Bromophenyl-phenylether
 Concen: 4.999 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF107424.D
 Acq: 17 Jul 2018 1:11

Tgt Ion:248 Resp: 20821
 Ion Ratio Lower Upper
 248 100
 250 230.4 76.9 115.3#
 141 398.6 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: BF107424.D

Acq: 17 Jul 2018 1:11

Instrument :

BNA_F

ClientSampleId :

72-11977

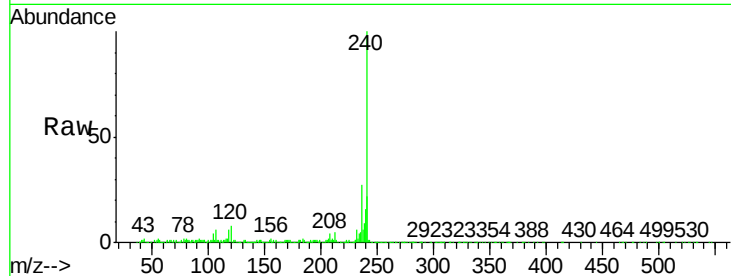
Tgt Ion:240 Resp: 383509

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

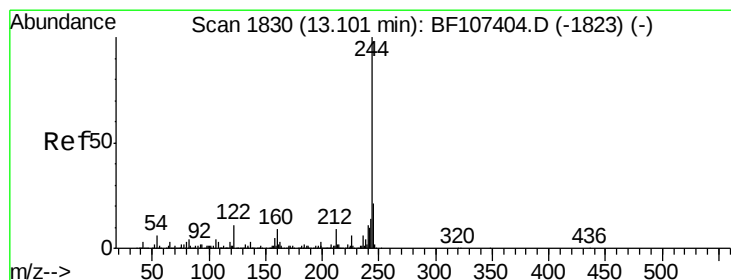
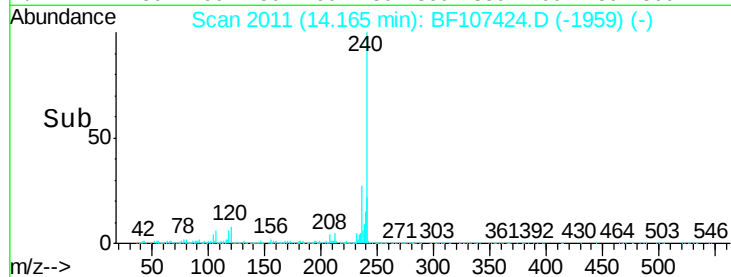
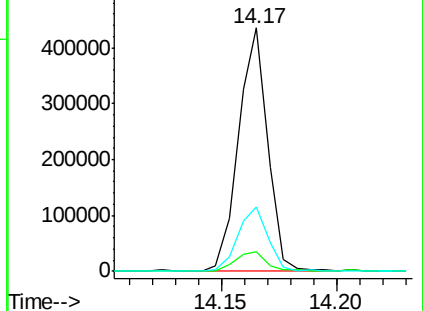
236 26.7 20.7 31.1



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: 74.550 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107424.D

Acq: 17 Jul 2018 1:11

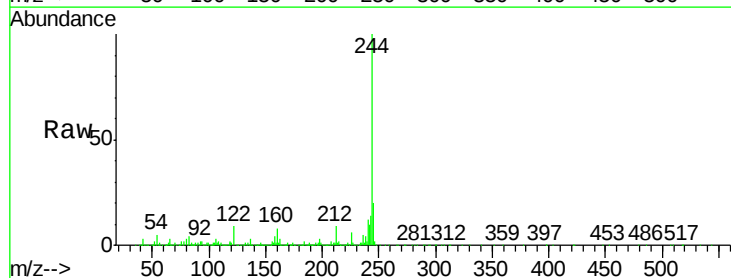
Tgt Ion:244 Resp: 1150716

Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

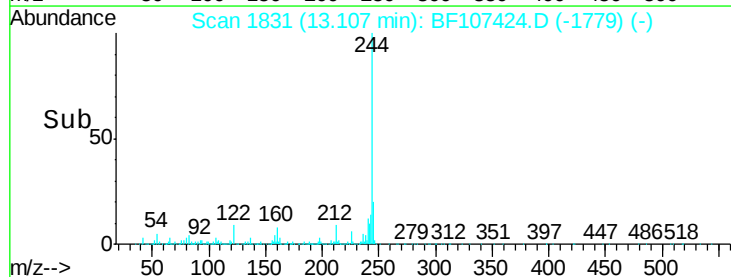
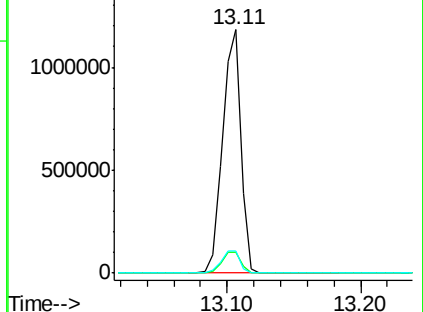
122 9.1 11.0 16.4#

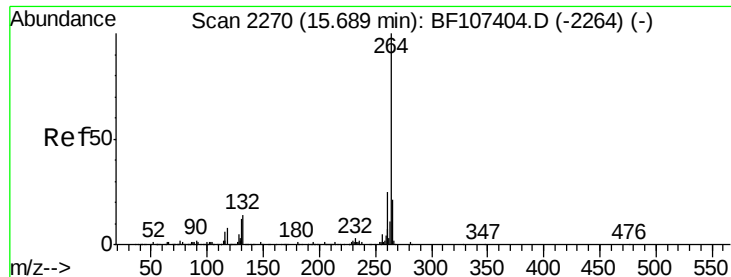


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107424.D
Acq: 17 Jul 2018 1:11

Instrument :
BNA_F
ClientSampleId :
72-11977

Tgt Ion:	264	Resp:	239632
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.4	17.5	26.3

