

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107495.D
 Acq On : 19 Jul 2018 5:23
 Operator : JU/SJ
 Sample : J4027-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 06:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	124369	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	439791	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	242063	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	476357	20.00	ng	0.00
75) Chrysene-d12	14.17	240	376951	20.00	ng	-0.01
86) Perylene-d12	15.71	264	331442	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	630397	76.98	ng	0.00
7) Phenol-d6	6.61	99	811619	76.66	ng	0.00
23) Nitrobenzene-d5	7.55	82	620994	75.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	197549	92.89	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1080167	72.85	ng	0.00
78) Terphenyl-d14	13.11	244	1086562	71.62	ng	0.00

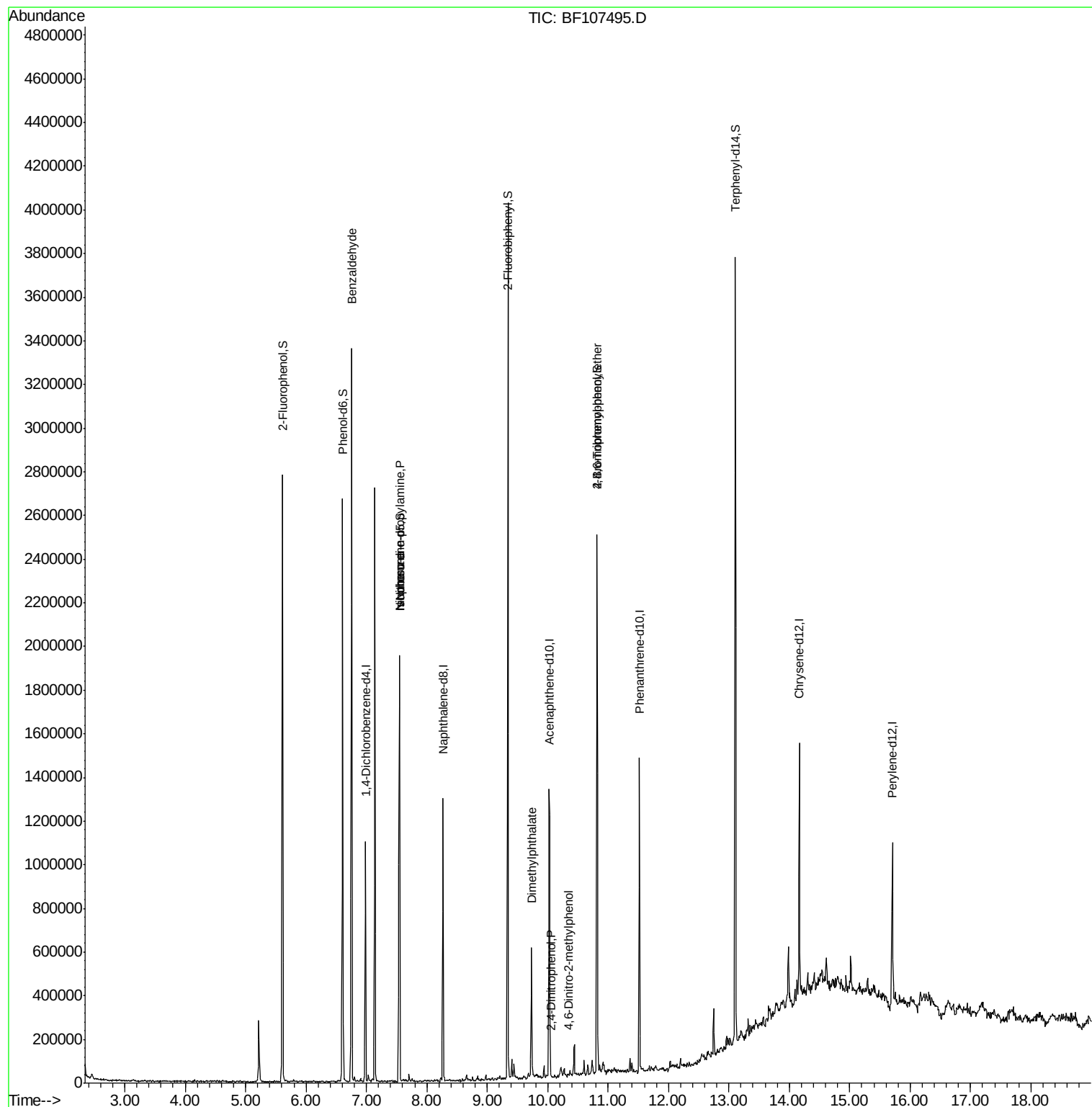
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	23458	2.754	ng	85
19) n-Nitroso-di-n-propylamine	7.54	70	98448	12.987	ng	# 85
25) Isophorone	7.55	82	620994	37.987	ng	# 64
49) Dimethylphthalate	9.73	163	183672	9.550	ng	# 99
53) 2,4-Dinitrophenol	10.06	184	112	2.373	ng	# 29
64) 4,6-Dinitro-2-methylphenol	10.34	198	156	7.541	ng	# 80
66) 4-Bromophenyl-phenylether	10.82	248	21693	3.980	ng	# 1

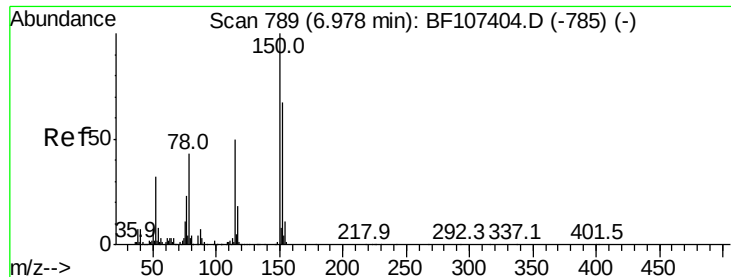
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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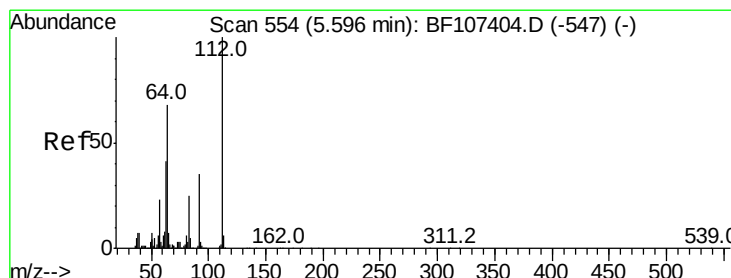
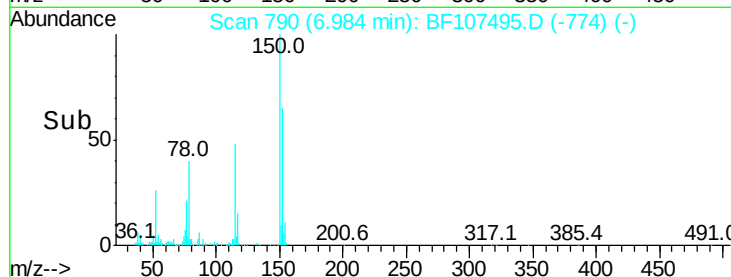
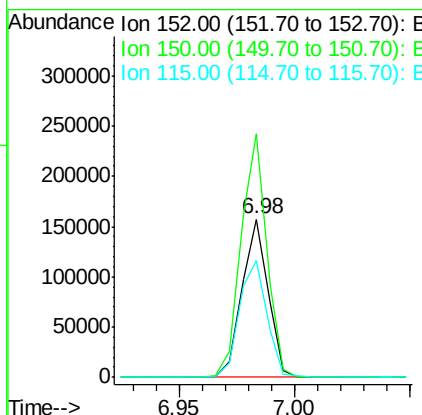
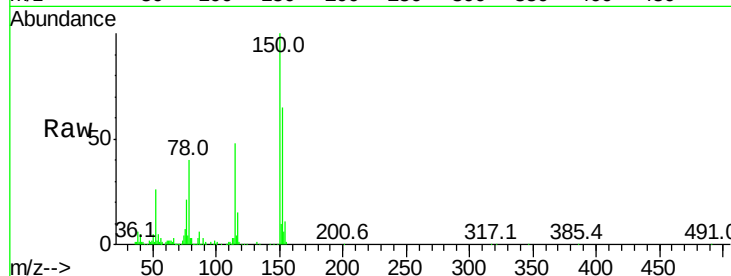


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Instrument :
BNA_F
ClientSampleId :

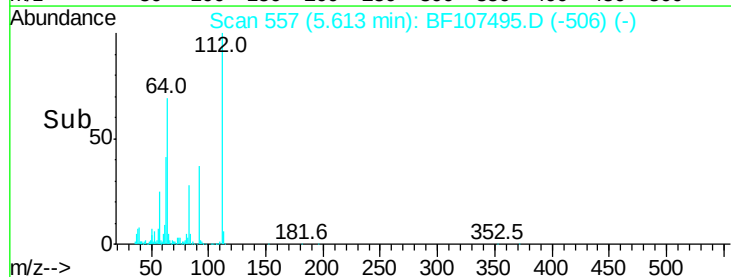
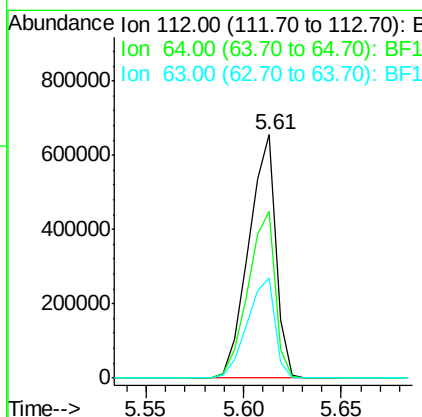
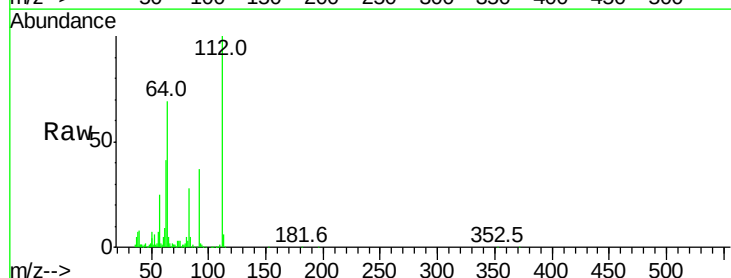
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	74.0	50.1	75.1

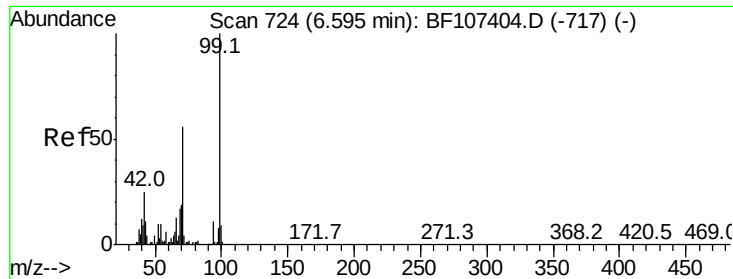


#5

2-Fluorophenol
Concen: 76.981 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	40.9	23.7	35.5





#7

Phenol-d6

Concen: 76.659 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

Instrument :

BNA_F

ClientSampleId :

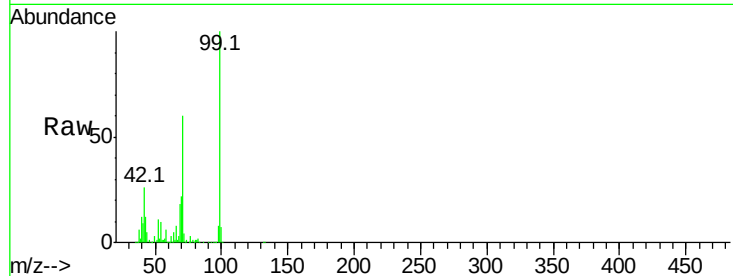
Tot Ion: 99 Resp: 811619

Ion Ratio Lower Upper

99 100

42 26.1 14.5 21.7#

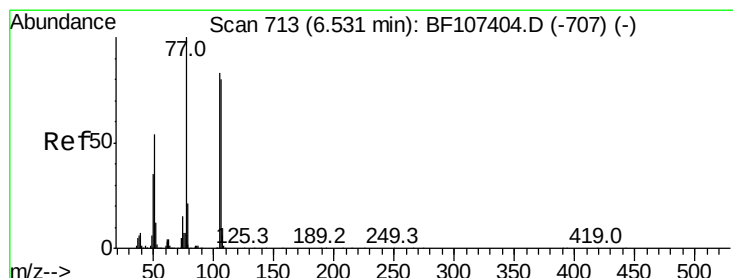
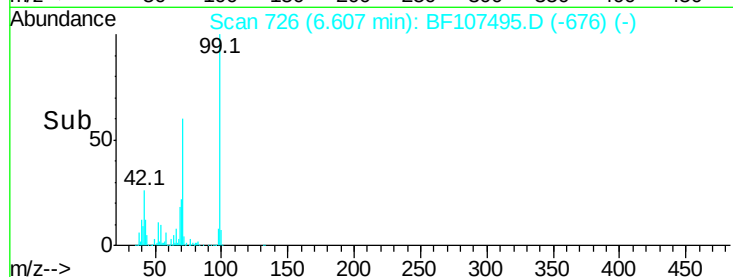
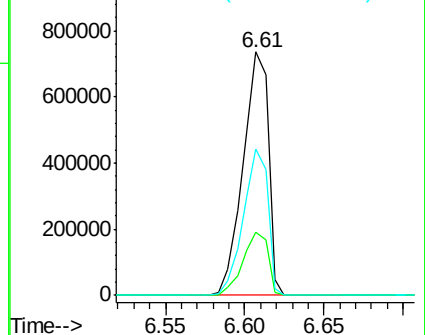
71 60.2 25.4 38.0#



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



#9

Benzaldehyde

Concen: 2.754 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.21 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

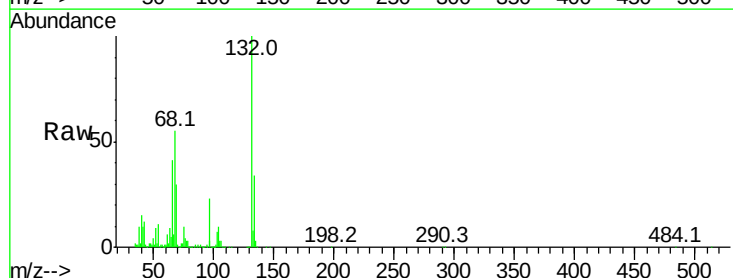
Tgt Ion: 77 Resp: 23458

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

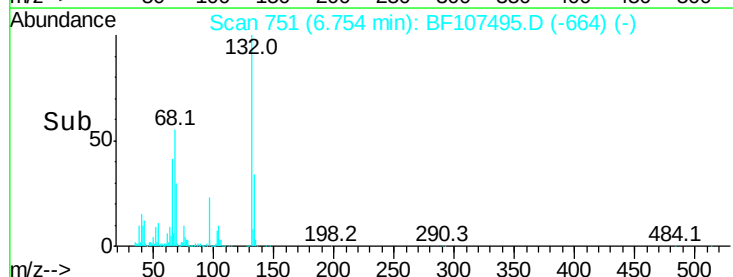
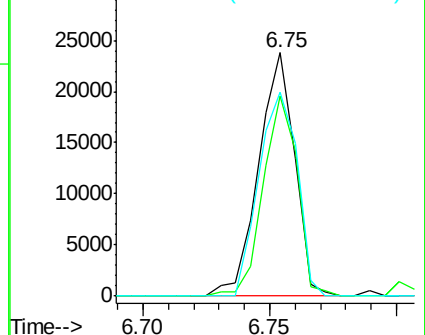
106 83.7 74.5 114.5

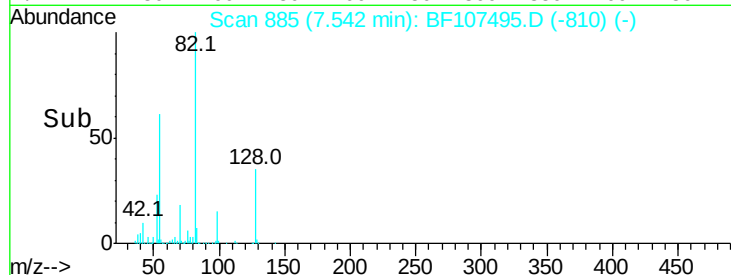
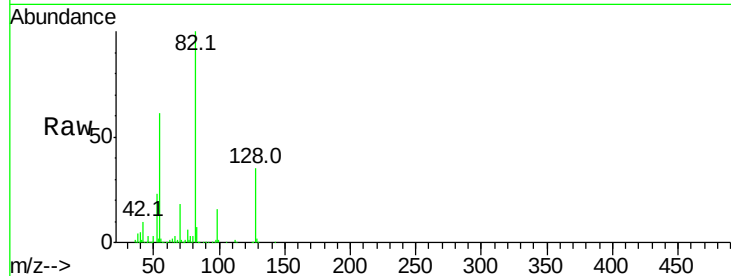
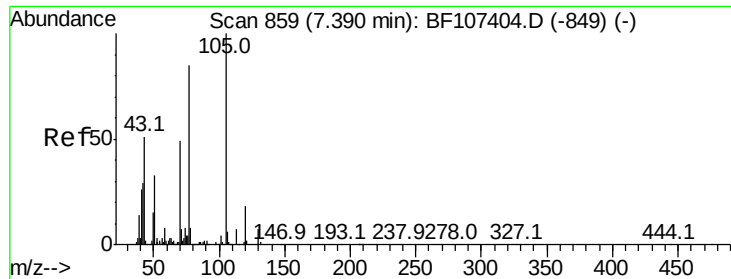


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

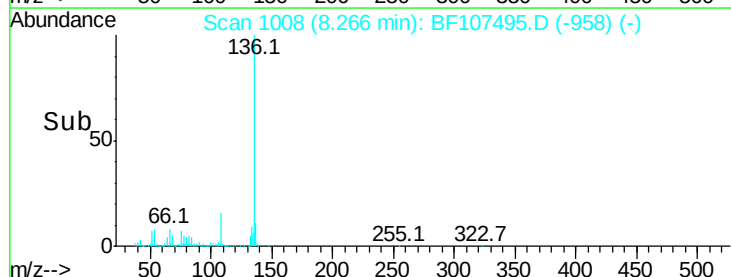
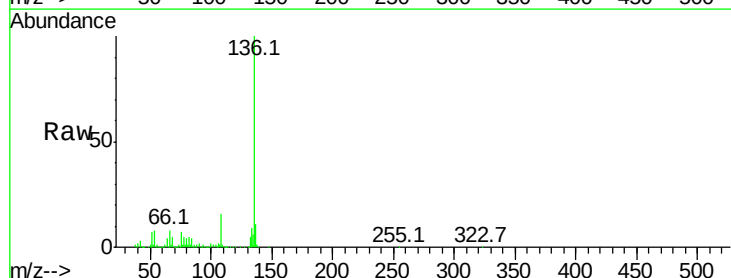
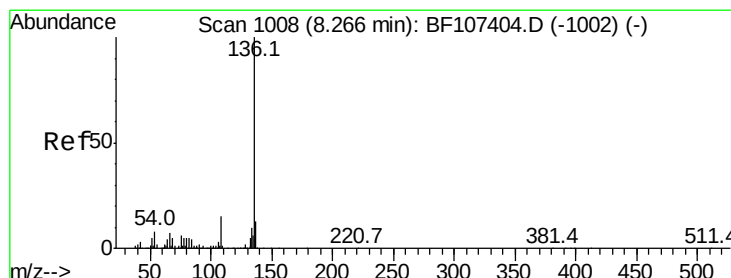
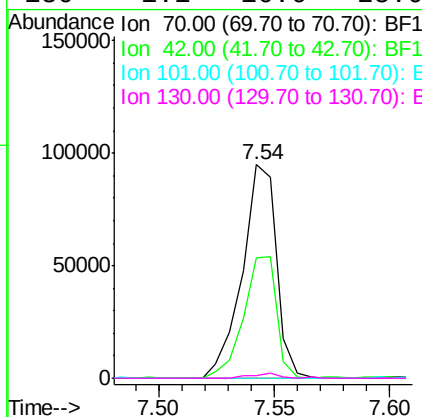




#19
n-Nitroso-di-n-propylamine
Concen: 12.987 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

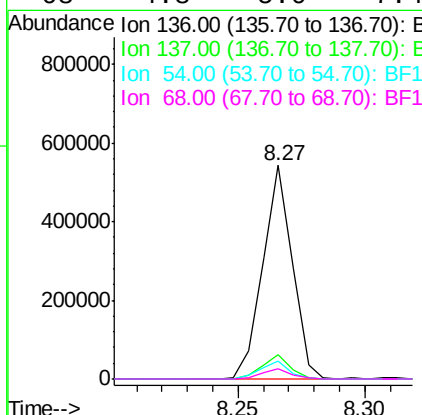
Instrument :
BNA_F
ClientSampleId :

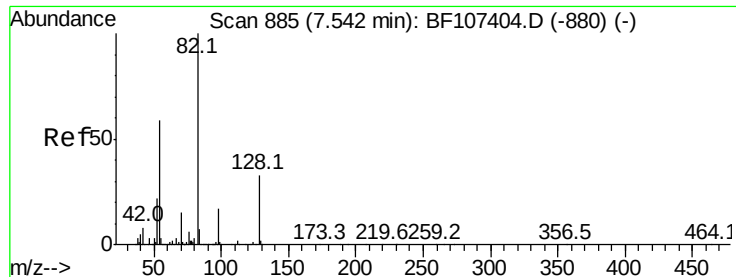
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	4.8	5.0	7.4#





#23

Nitrobenzene-d5

Concen: 75.295 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

Instrument :

BNA_F

ClientSampleId :

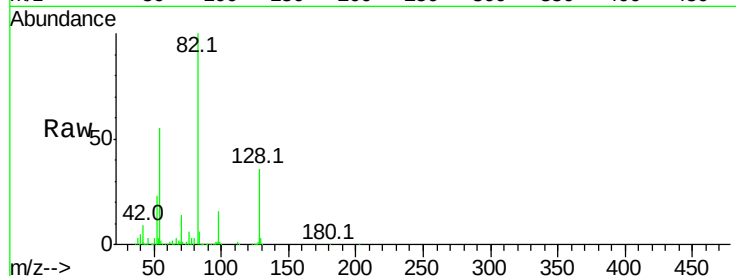
Tot Ion: 82 Resp: 620994

Ion Ratio Lower Upper

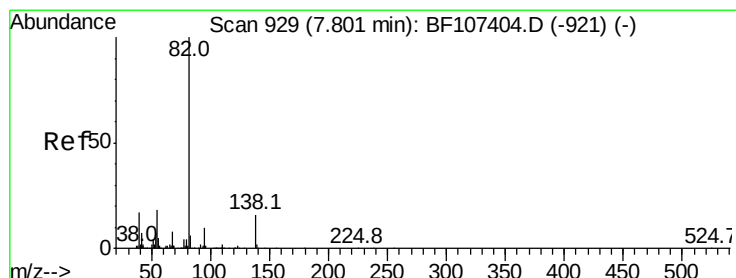
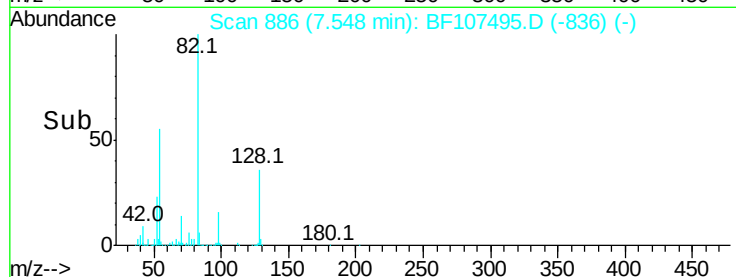
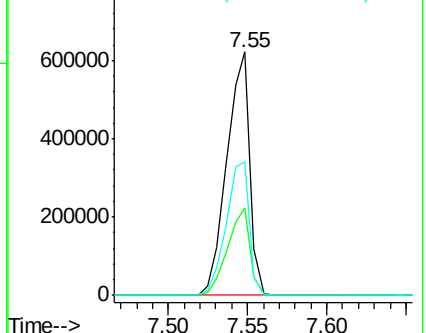
82 100

128 35.8 36.1 54.1#

54 54.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 37.987 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

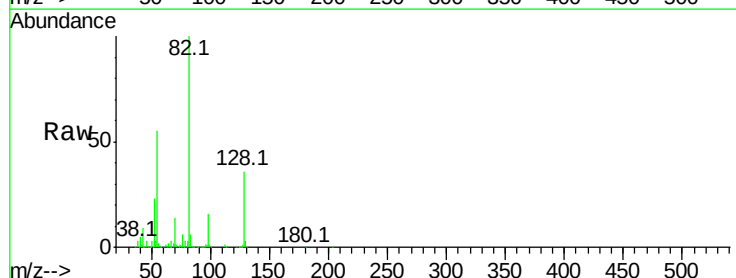
Tgt Ion: 82 Resp: 620994

Ion Ratio Lower Upper

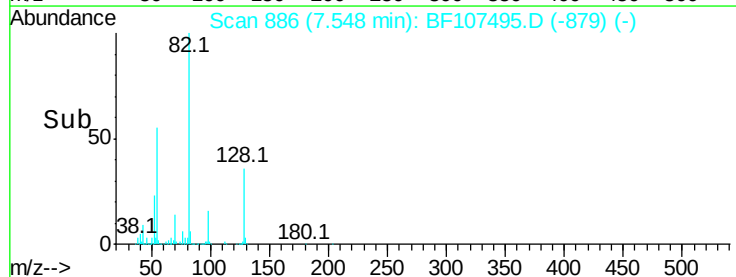
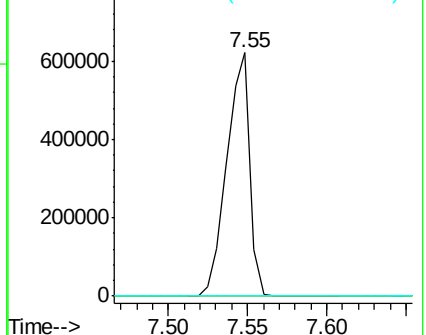
82 100

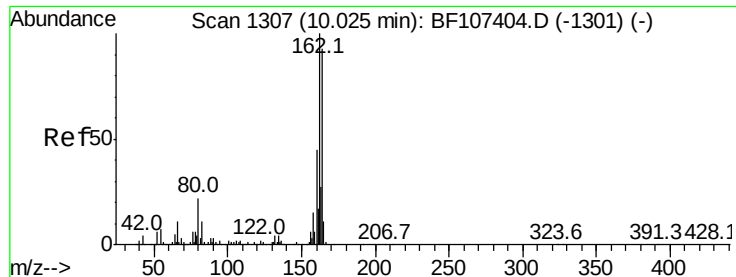
95 0.2 5.2 7.8#

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. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

Instrument :

BNA_F

ClientSampleId :

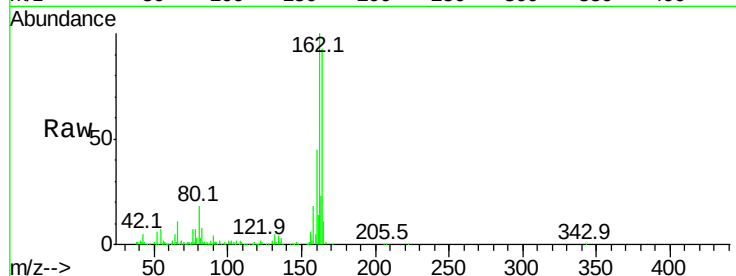
Tot Ion:164 Resp: 242063

Ion Ratio Lower Upper

164 100

162 107.1 86.1 129.1

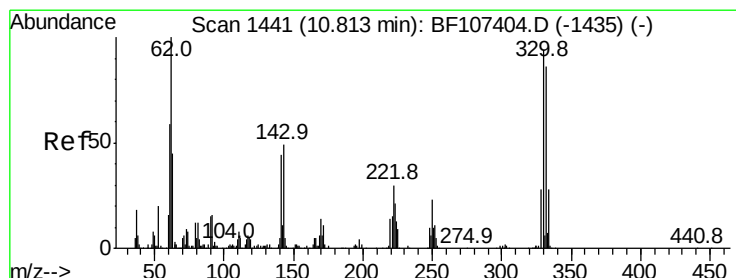
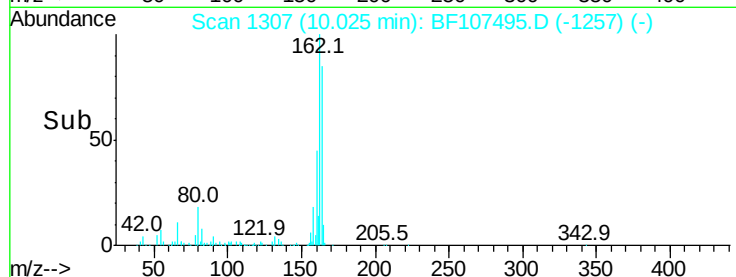
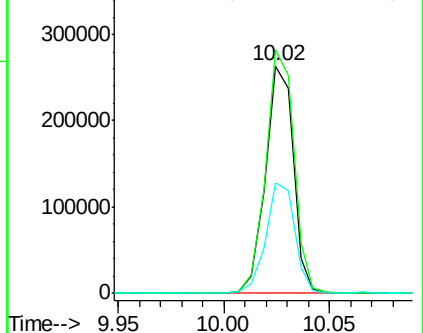
160 48.6 38.3 57.5



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: 92.885 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

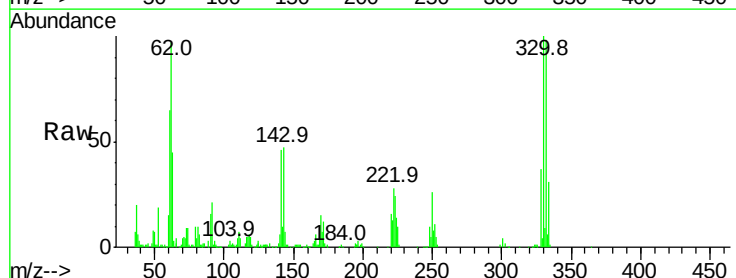
Tgt Ion:330 Resp: 197549

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

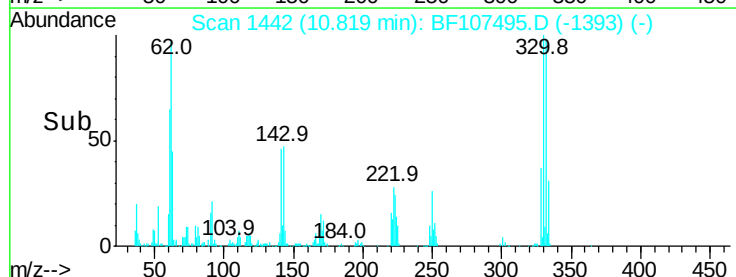
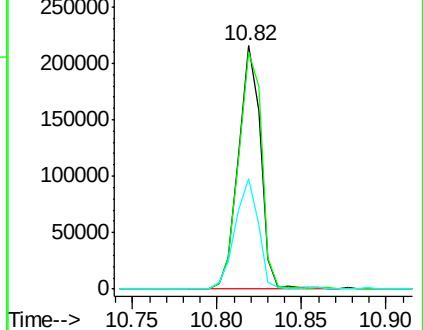
141 47.2 29.9 44.9#

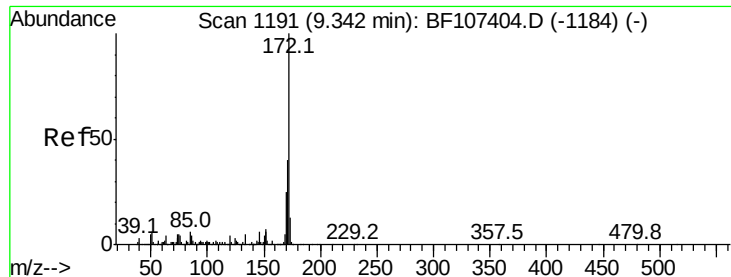


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



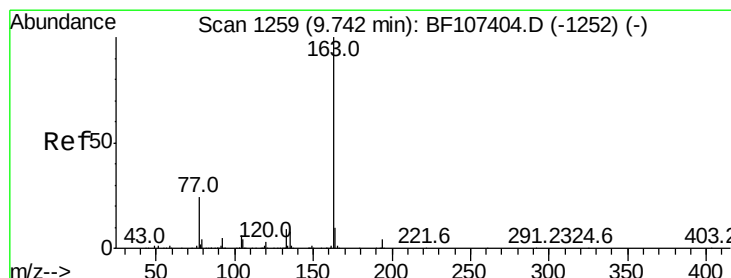
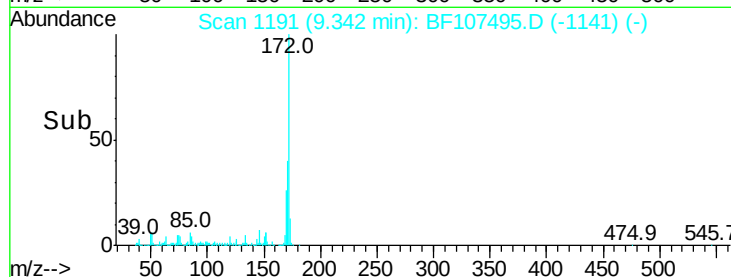
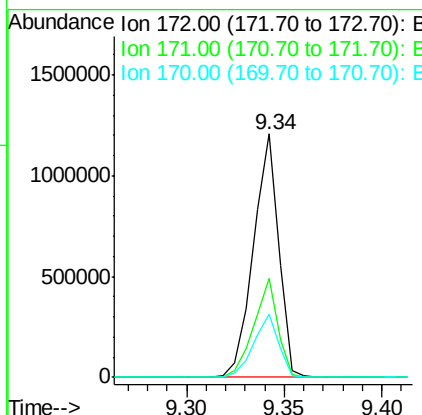
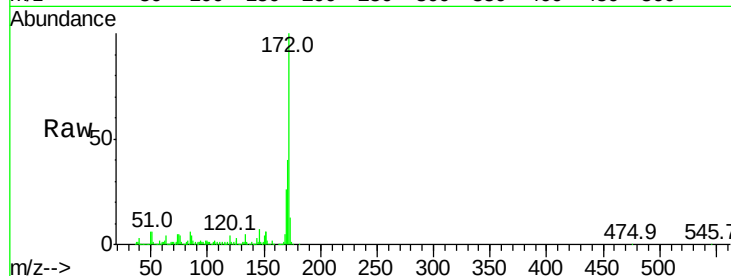


#44
2-Fluorobiphenyl
Concen: 72.853 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1080167

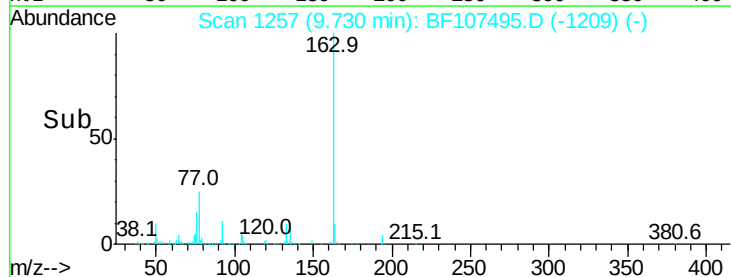
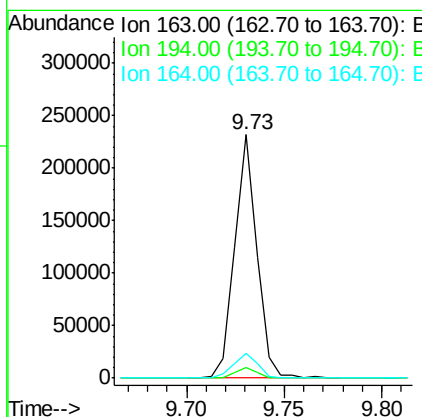
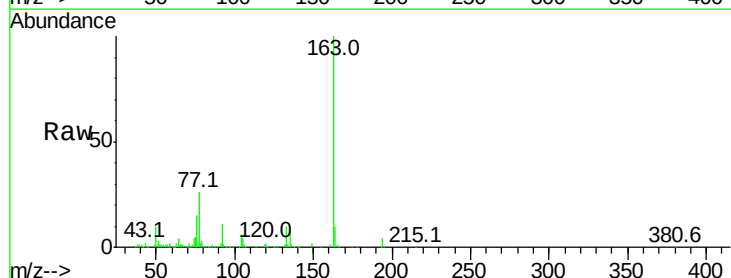
Ion	Ratio	Lower	Upper
172	100		
171	40.5	29.7	44.5
170	26.0	19.6	29.4

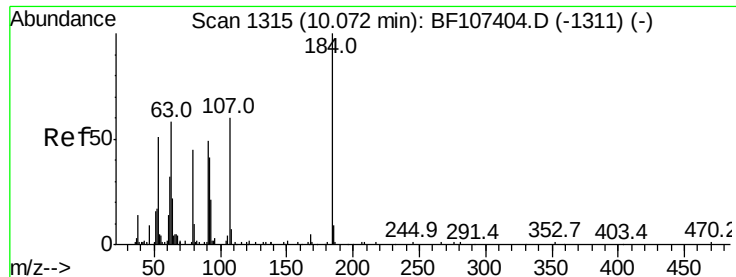


#49
Dimethylphthalate
Concen: 9.550 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Tgt Ion:163 Resp: 183672

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2





#53

2,4-Dinitrophenol

Concen: 2.373 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

Instrument :

BNA_F

ClientSampleId :

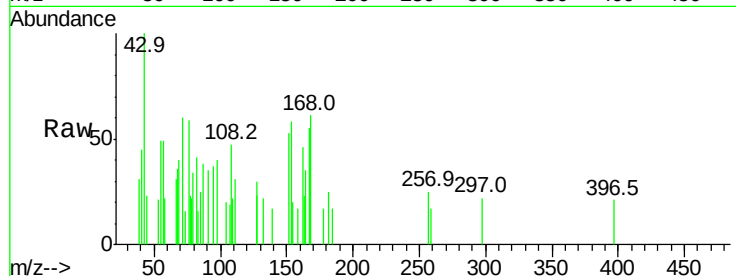
Tot Ion:184 Resp: 112

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

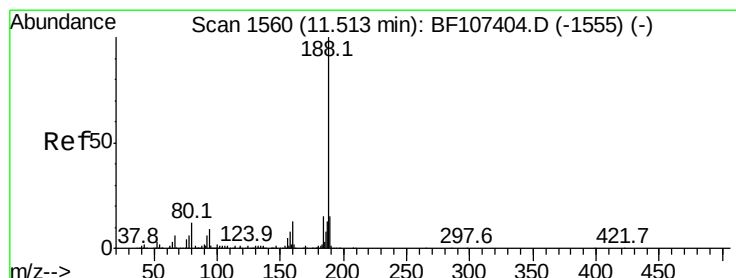
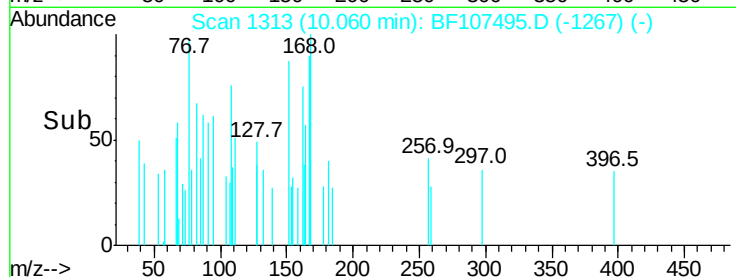
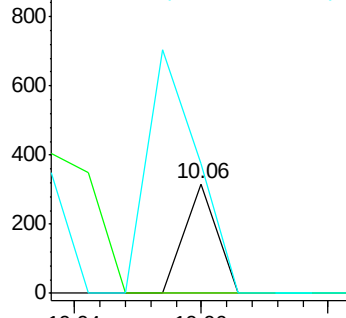
154 118.9 184.0 276.0#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

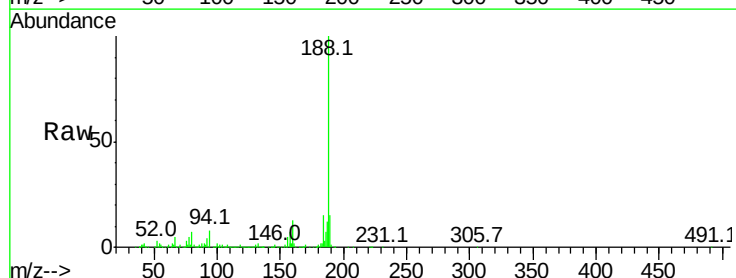
Tgt Ion:188 Resp: 476357

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

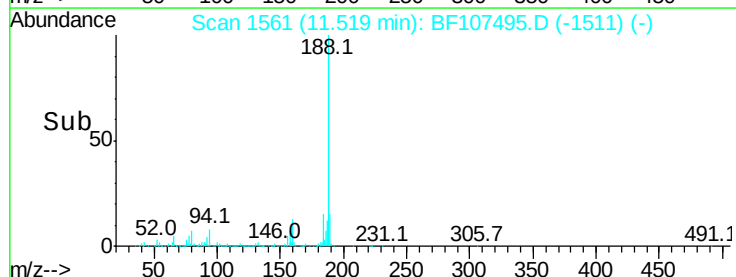
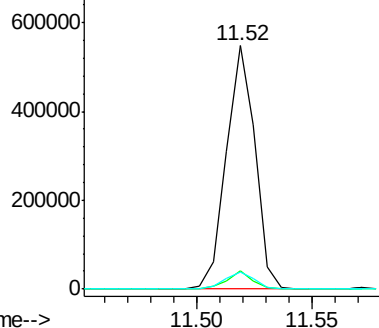
80 7.1 9.2 13.8#

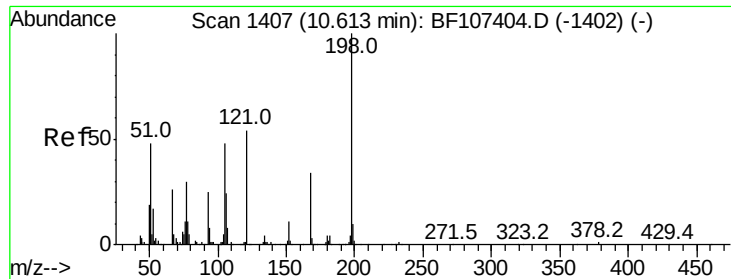


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

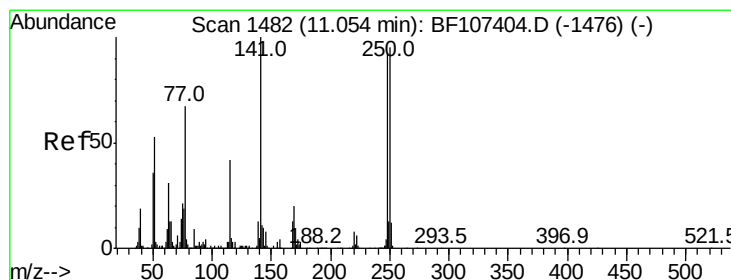
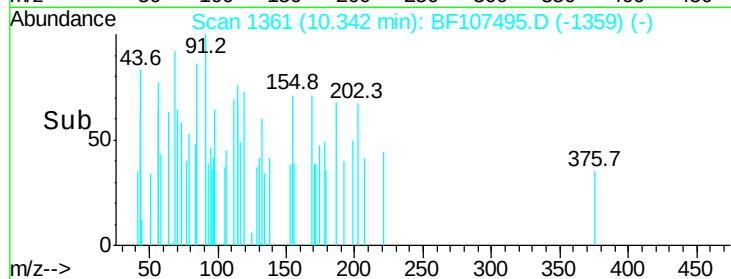
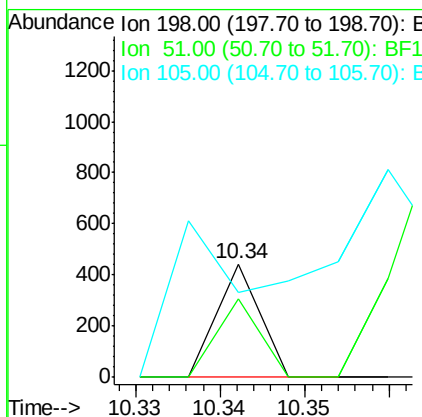
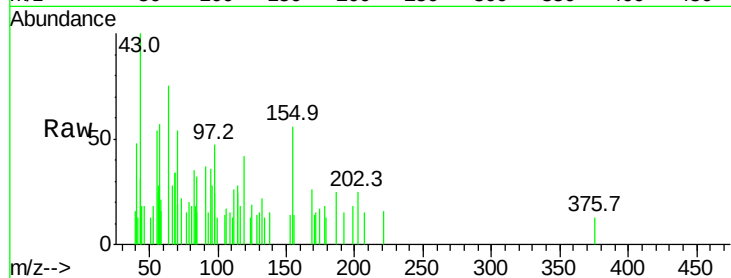




#64
4,6-Dinitro-2-methylphenol
Concen: 7.541 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.29 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

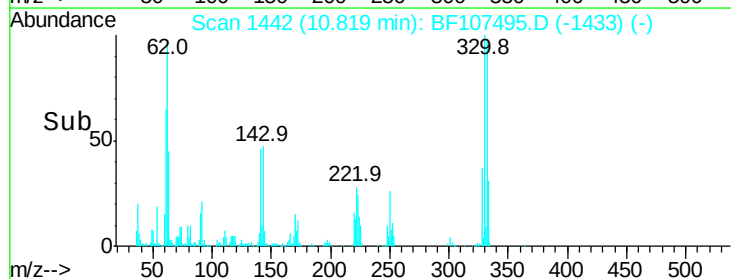
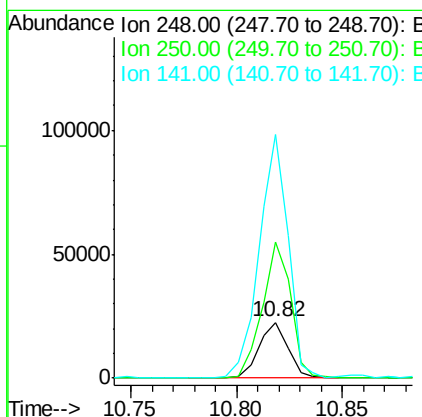
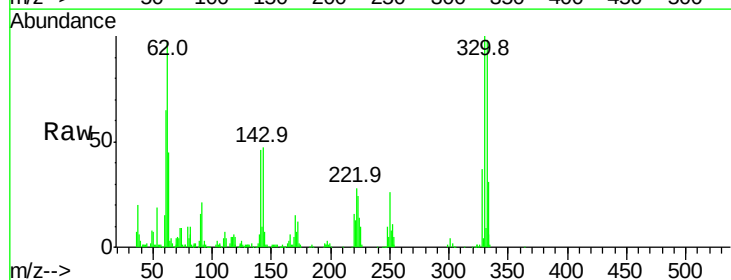
Instrument :
BNA_F
ClientSampleId :

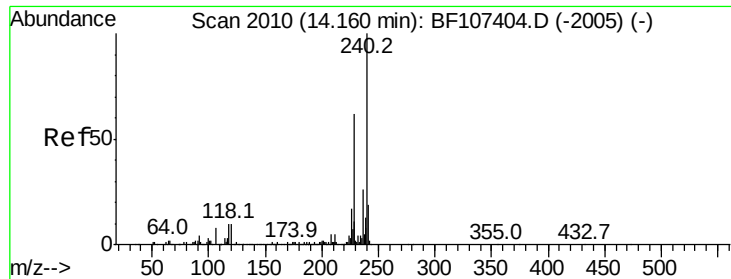
Tot Ion:198 Resp: 156
Ion Ratio Lower Upper
198 100
51 69.1 37.7 77.7
105 74.9 36.3 76.3



#66
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF107495.D
Acq: 19 Jul 2018 5:23

Tgt Ion:248 Resp: 21693
Ion Ratio Lower Upper
248 100
250 244.7 76.9 115.3#
141 437.0 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: BF107495.D

Acq: 19 Jul 2018 5:23

Instrument :

BNA_F

ClientSampleId :

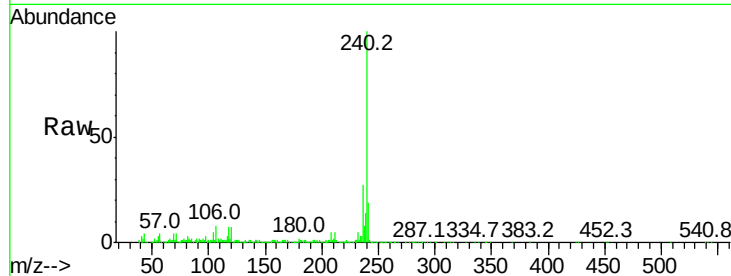
Tot Ion:240 Resp: 376951

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

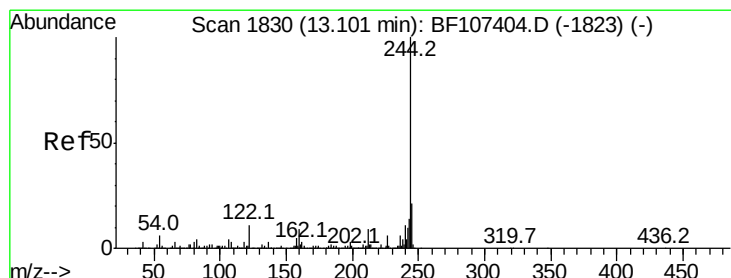
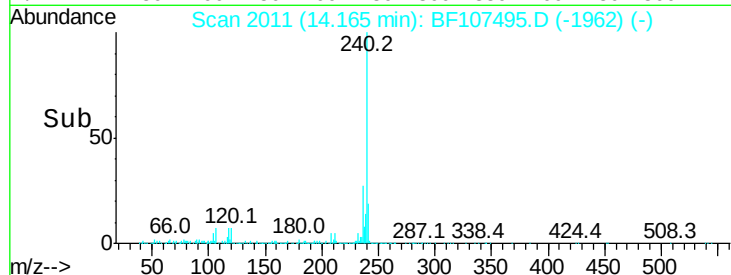
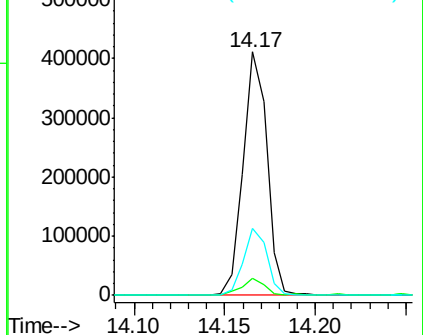
236 27.3 20.7 31.1



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: 71.618 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107495.D

Acq: 19 Jul 2018 5:23

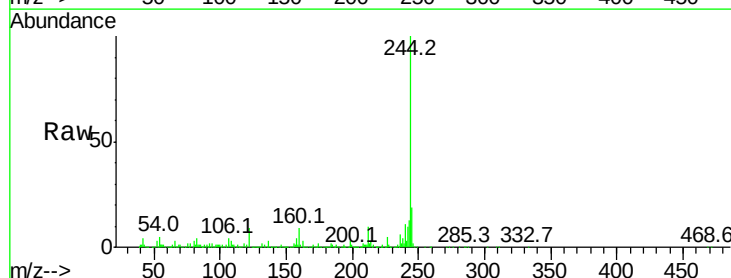
Tgt Ion:244 Resp: 1086562

Ion Ratio Lower Upper

244 100

212 9.6 5.4 8.0#

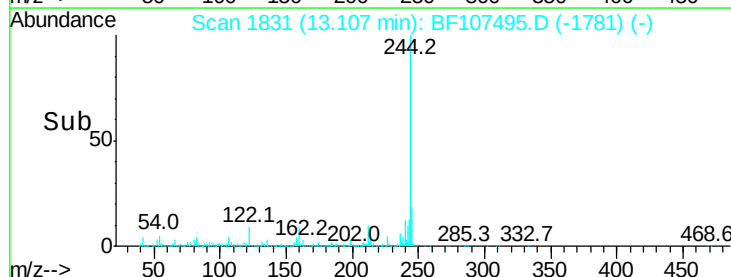
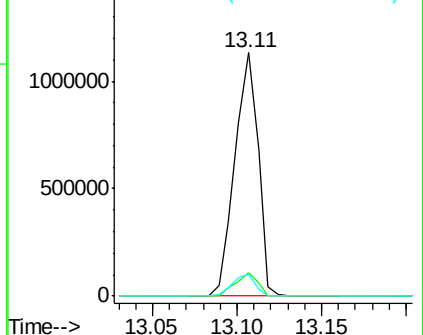
122 9.4 11.0 16.4#

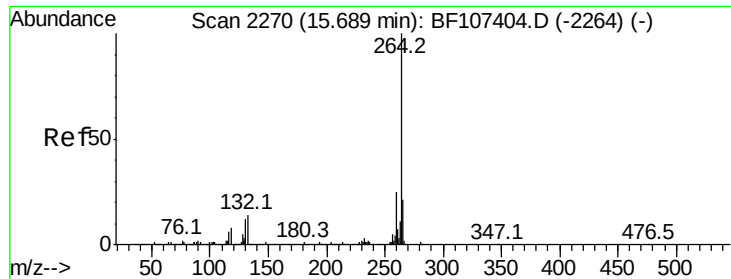


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

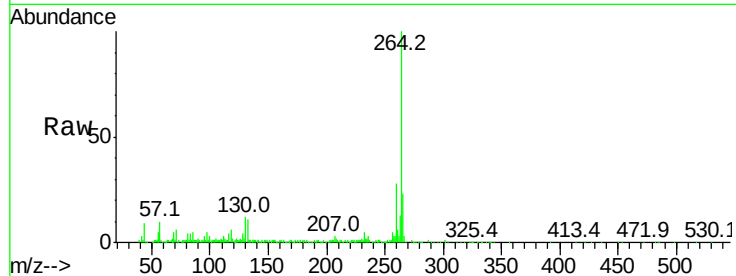




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF107495.D
 Acq: 19 Jul 2018 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.0	19.2	28.8
265	23.0	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

