

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107195.D
 Acq On : 7 Jul 2018 10:17
 Operator : JU/SJ
 Sample : J3877-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-DRUM-2-STONE

Quant Time: Jul 09 02:09:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

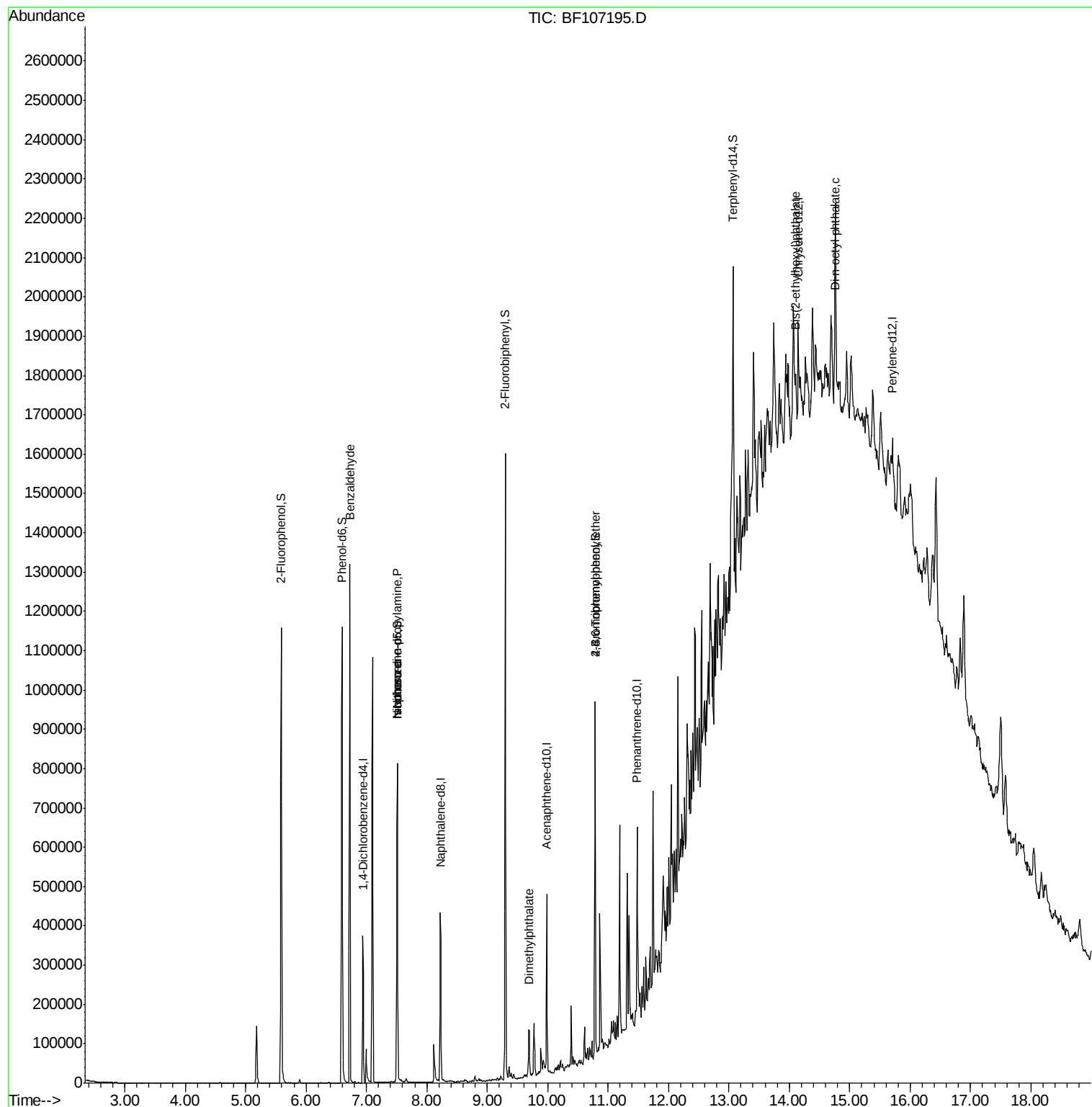
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53506	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	203729	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	100613	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	174388	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	104260	20.00	ng	-0.02
86) Perylene-d12	15.71	264	125723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	340134	107.64	ng	-0.01
7) Phenol-d6	6.60	99	431780	109.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	277486	75.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	129280	110.86	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	515310	87.05	ng	-0.02
78) Terphenyl-d14	13.07	244	405065	94.11	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.72	77	7713	2.323	ng	83
19) n-Nitroso-di-n-propylamine	7.51	70	35789	13.759	ng	# 74
25) Isophorone	7.51	82	277483	42.955	ng	# 64
49) Dimethylphthalate	9.70	163	50345	6.672	ng	# 99
66) 4-Bromophenyl-phenylether	10.78	248	7772	3.734	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	9450	2.615	ng	# 63
84) Di-n-octyl phthalate	14.77	149	144220	24.482	ng	# 76

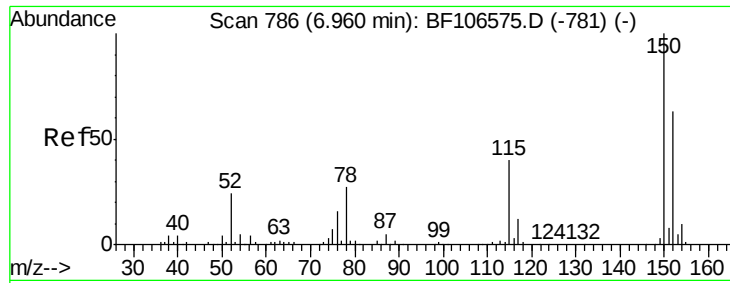
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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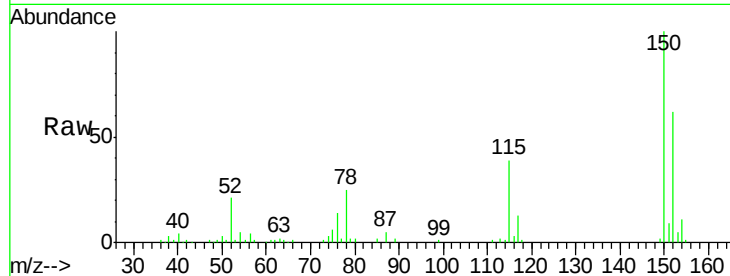




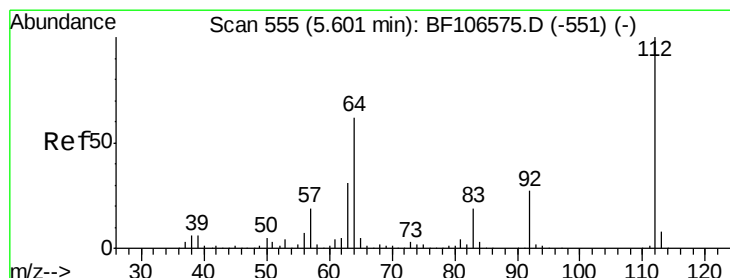
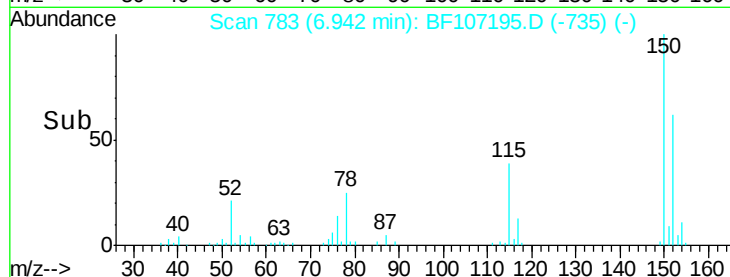
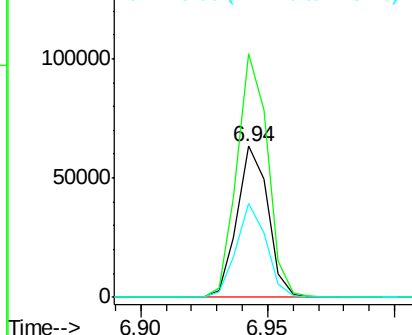
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107195.D
 Acq: 7 Jul 2018 10:17

Instrument :
 BNA_F
 ClientSampleId :
 NS-DRUM-2-STONE

Tgt Ion:152 Resp: 53506
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 62.3 50.1 75.1

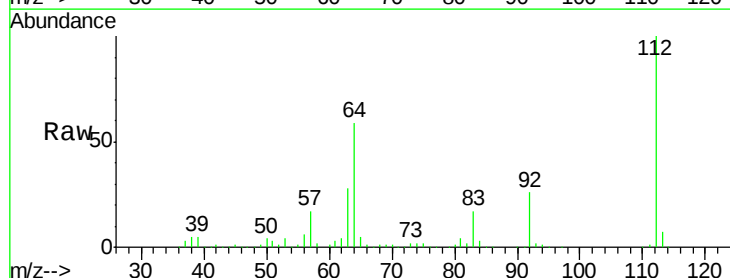


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

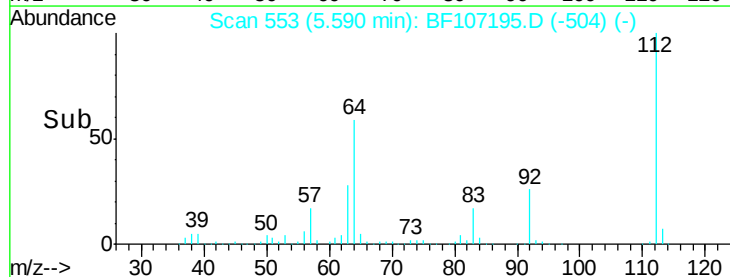
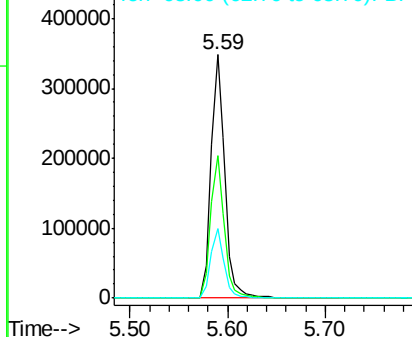


#5
 2-Fluorophenol
 Concen: 107.643 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107195.D
 Acq: 7 Jul 2018 10:17

Tgt Ion:112 Resp: 340134
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.9 71.9
 63 28.4 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: 109.422 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

NS-DRUM-2-STONE

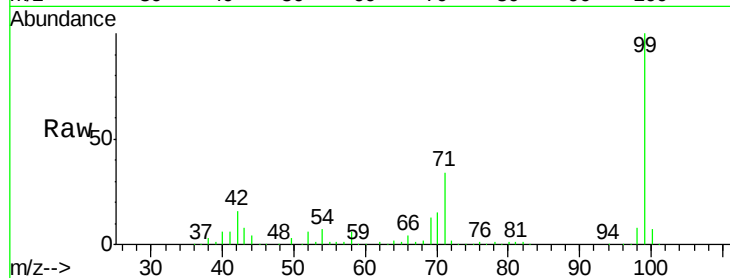
Tgt Ion: 99 Resp: 431780

Ion Ratio Lower Upper

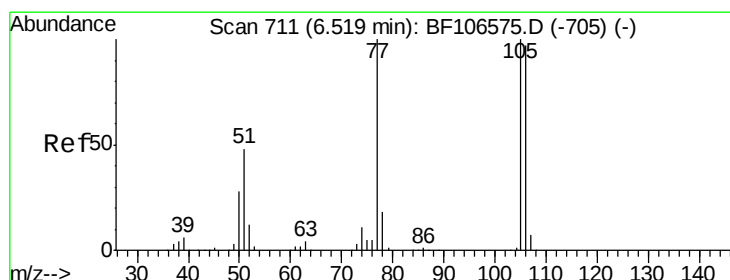
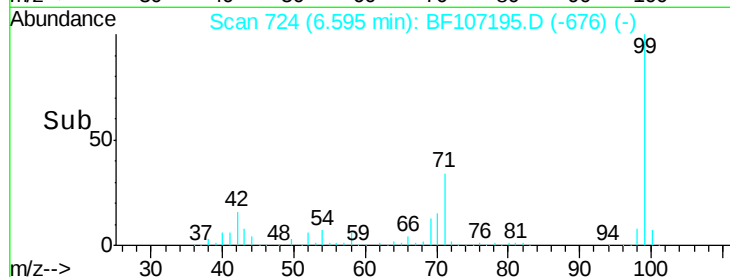
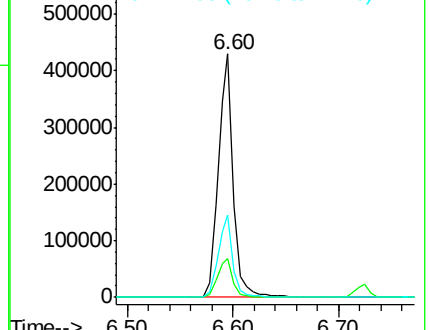
99 100

42 15.9 14.5 21.7

71 34.0 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: 2.323 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.21 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

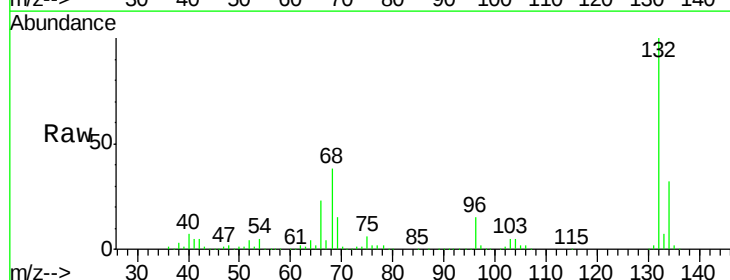
Tgt Ion: 77 Resp: 7713

Ion Ratio Lower Upper

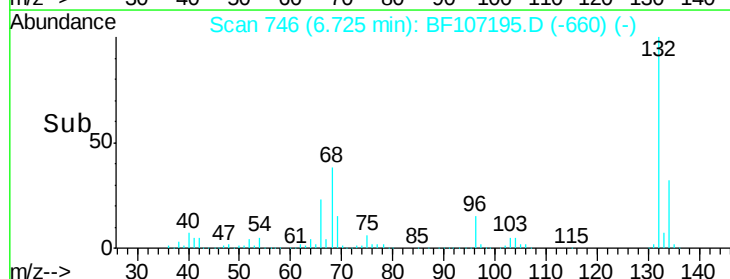
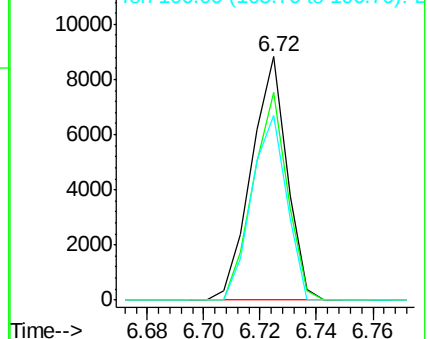
77 100

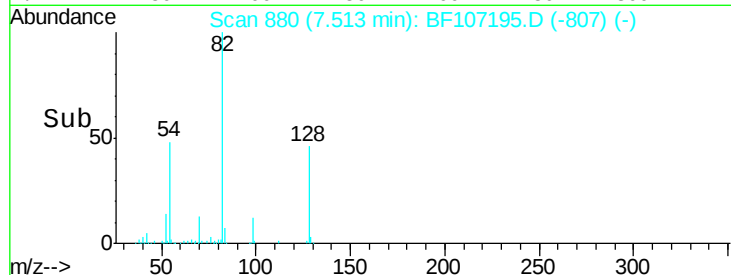
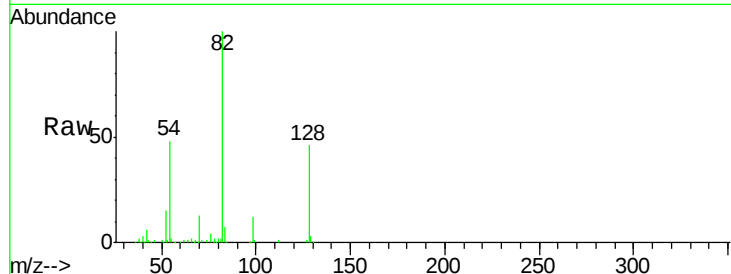
105 85.2 81.1 121.1

106 76.0 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

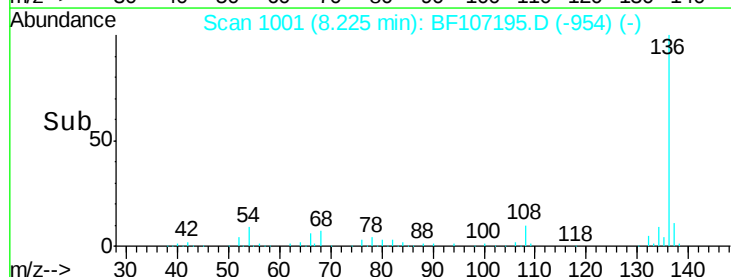
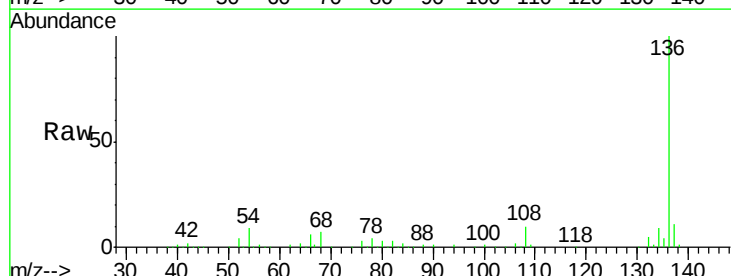
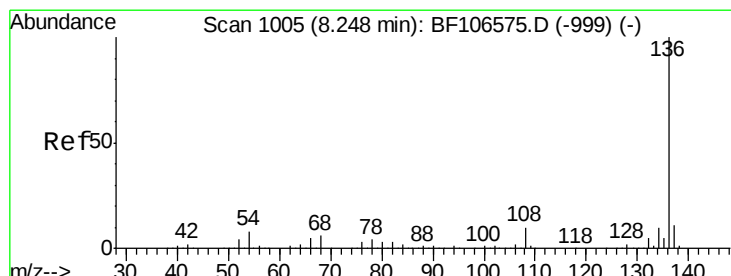
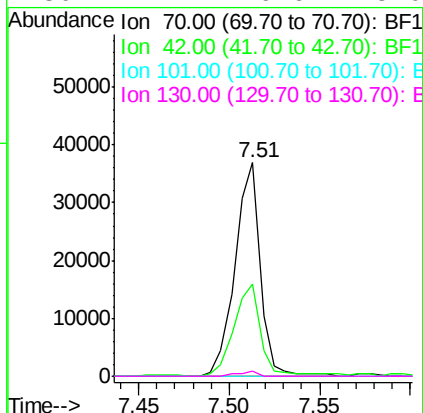




#19
n-Nitroso-di-n-propylamine
Concen: 13.759 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

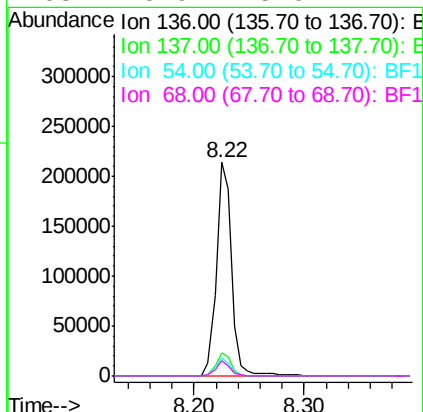
Instrument :
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ClientSampleId :
NS-DRUM-2-STONE

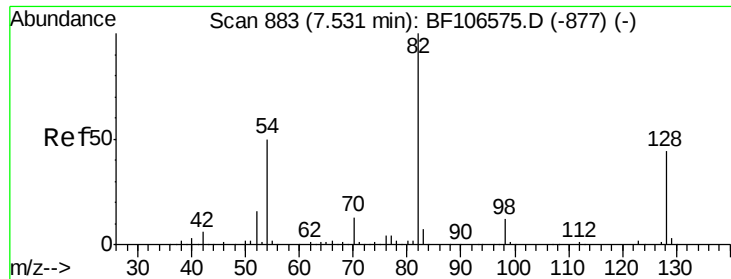
Tgt Ion:	70	Resp:	35789
Ion	Ratio	Lower	Upper
70	100		
42	43.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:	136	Resp:	203729
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.9	5.0	7.4

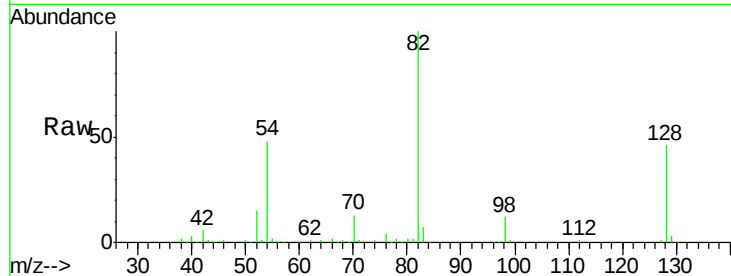




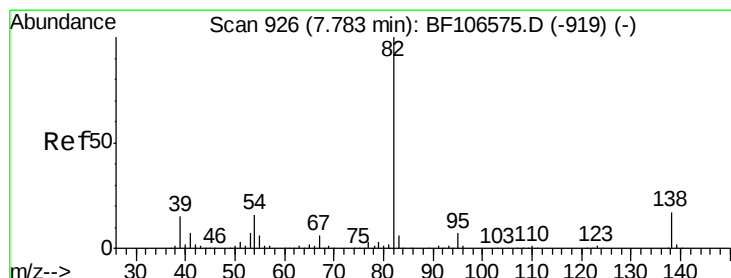
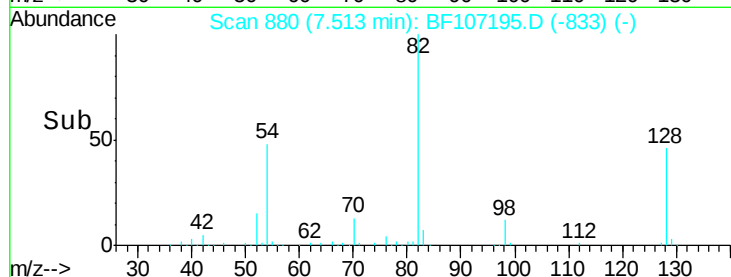
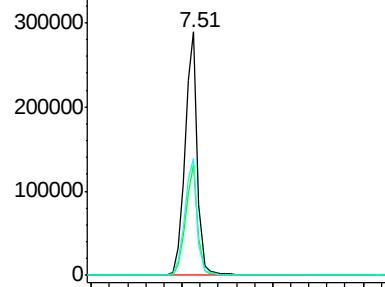
#23
Nitrobenzene-d5
Concen: 75.693 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion: 82 Resp: 277486
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 47.9 41.4 62.2

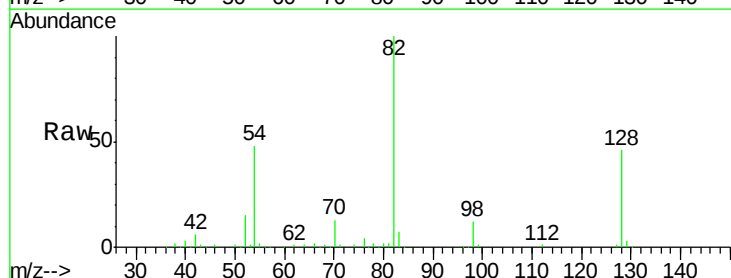


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

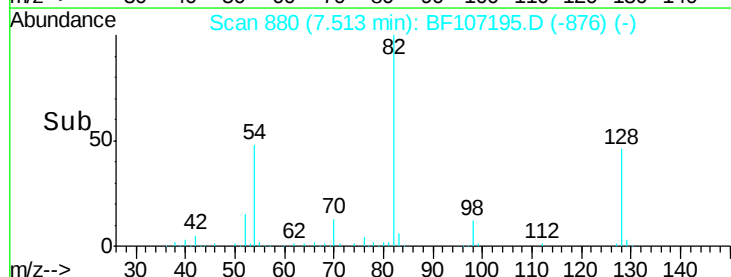
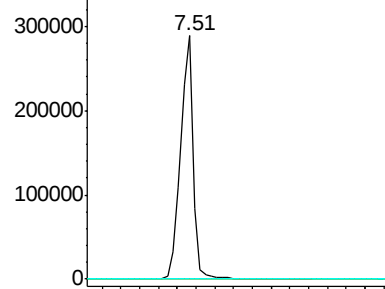


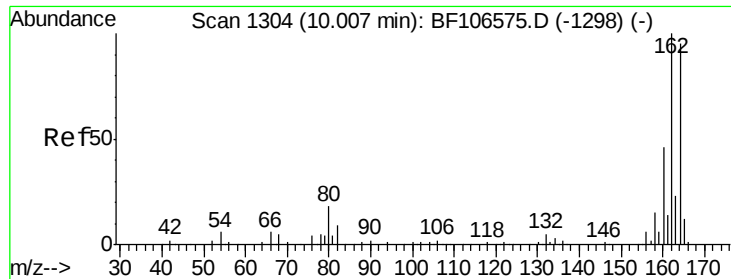
#25
Isophorone
Concen: 42.955 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion: 82 Resp: 277483
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

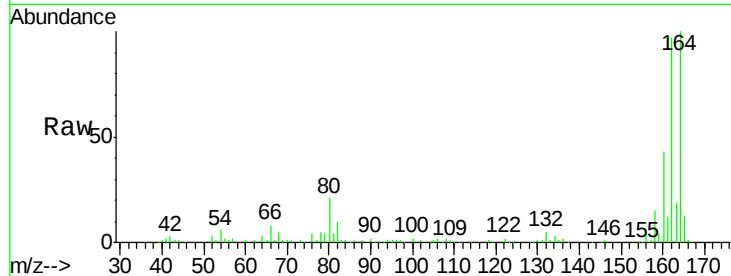




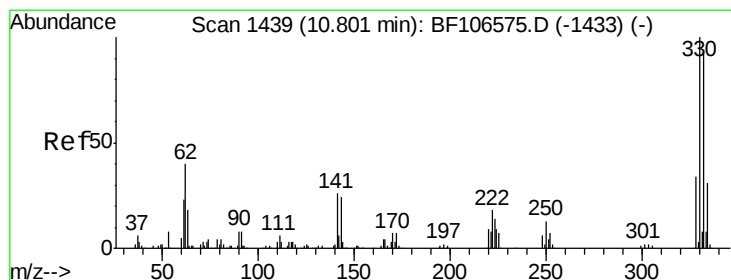
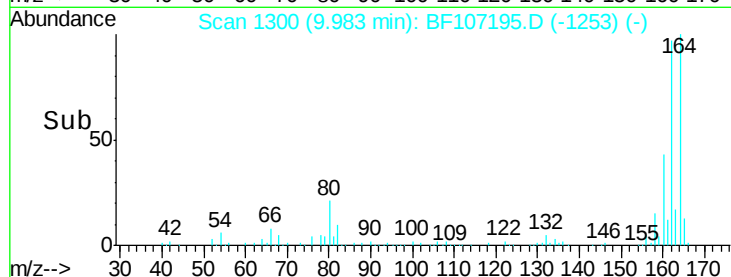
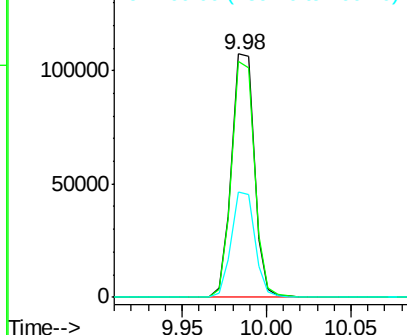
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107195.D
 Acq: 7 Jul 2018 10:17

Instrument :
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 NS-DRUM-2-STONE

Tgt Ion:164 Resp: 100613
 Ion Ratio Lower Upper
 164 100
 162 96.8 86.1 129.1
 160 43.2 38.3 57.5

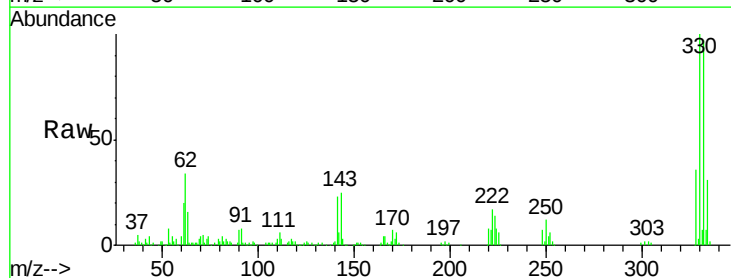


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

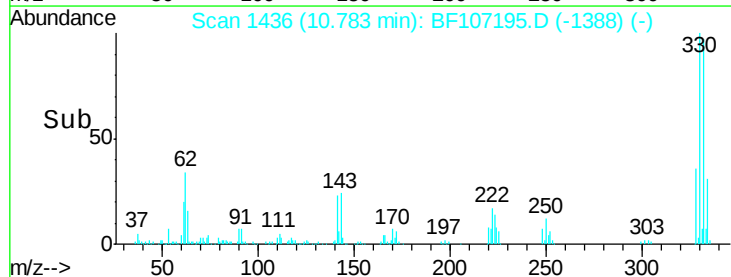
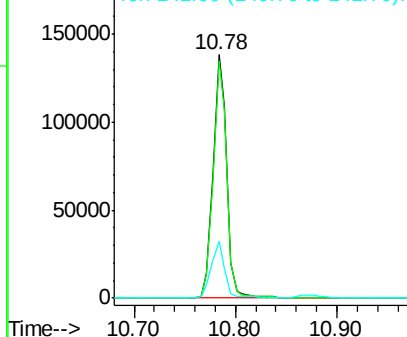


#41
 2,4,6-Tribromophenol
 Concen: 110.862 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107195.D
 Acq: 7 Jul 2018 10:17

Tgt Ion:330 Resp: 129280
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 23.6 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

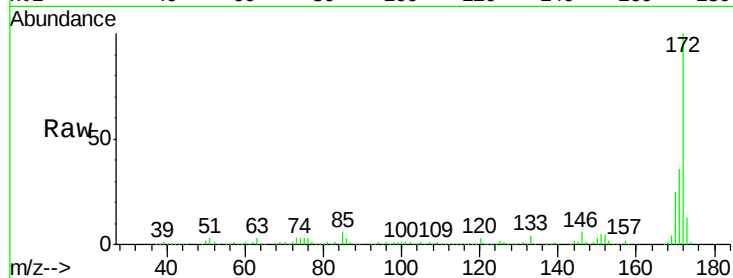




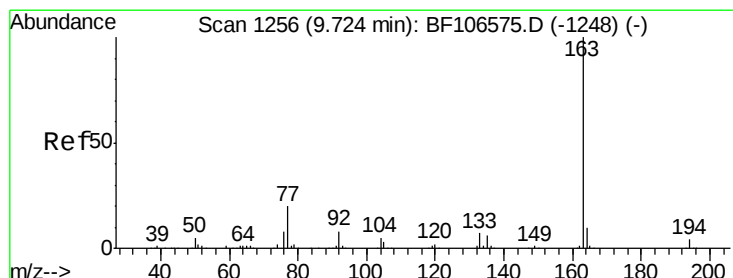
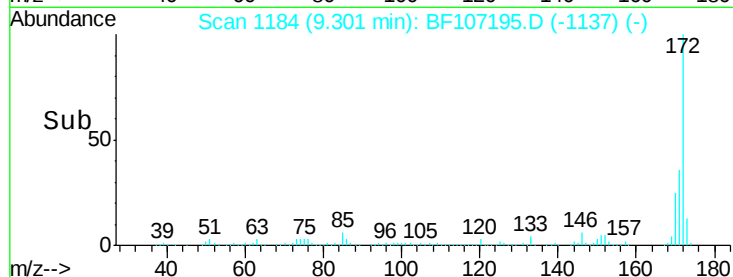
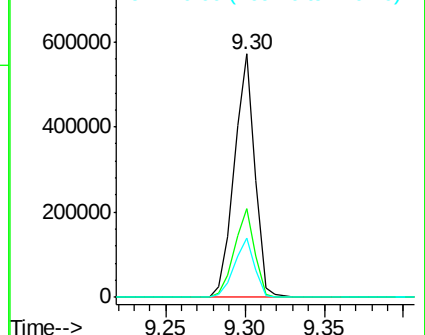
#44
2-Fluorobiphenyl
Concen: 87.046 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion:172 Resp: 515310
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.5 19.6 29.4

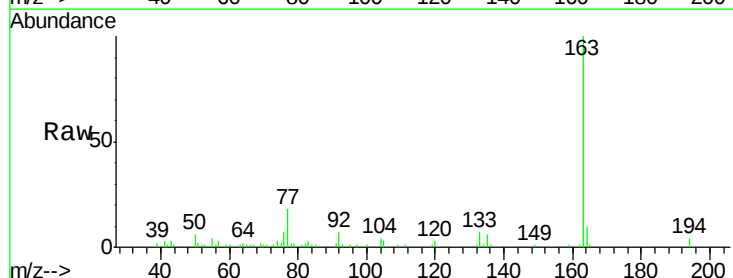


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

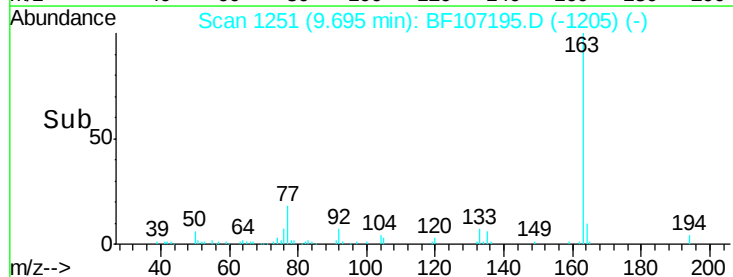
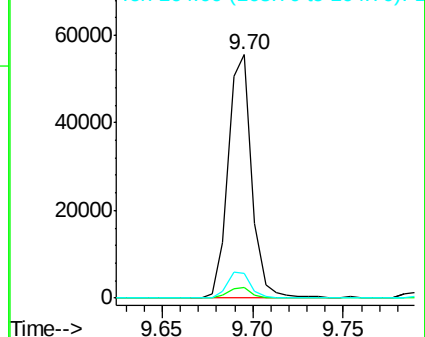


#49
Dimethylphthalate
Concen: 6.672 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:163 Resp: 50345
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.0 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

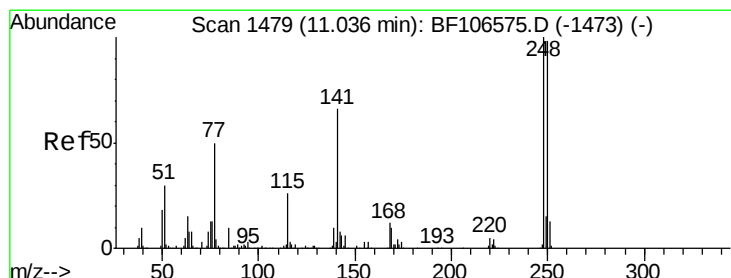
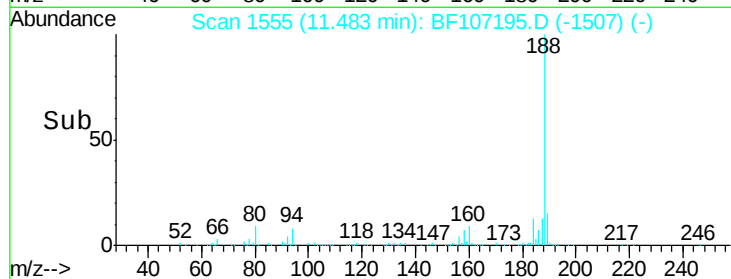
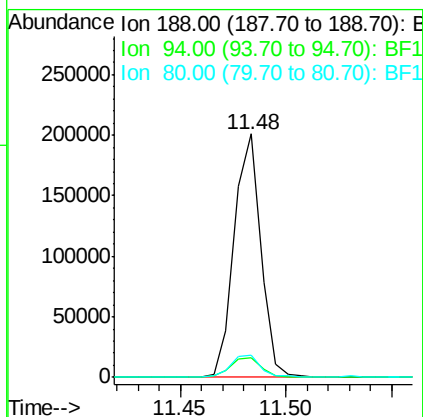
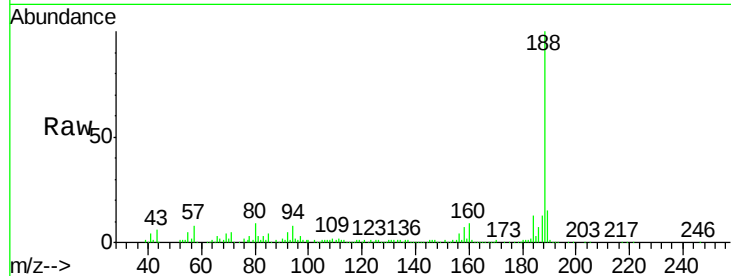




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

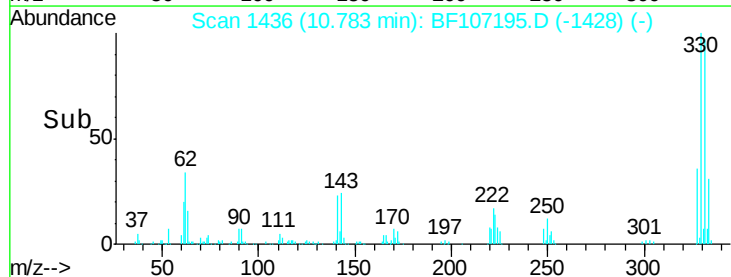
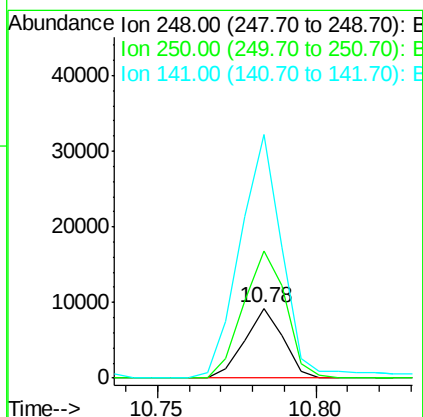
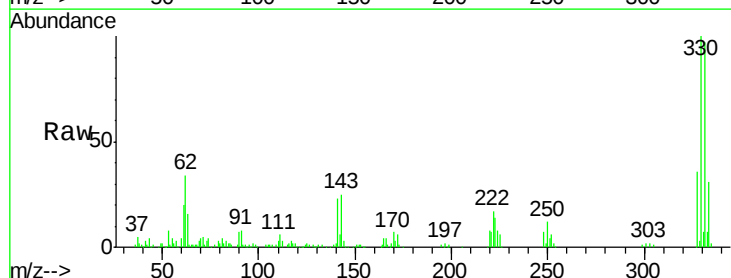
Instrument :
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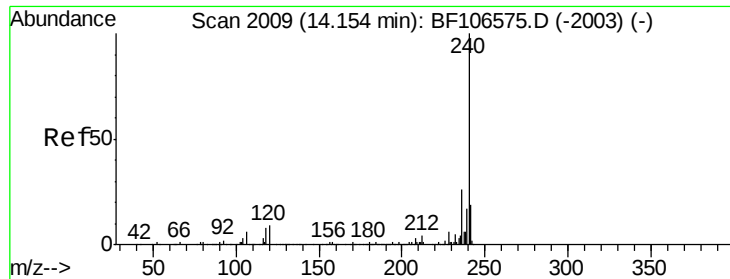
Tgt Ion:188 Resp: 174388
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.9 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Tgt Ion:248 Resp: 7772
Ion Ratio Lower Upper
248 100
250 182.2 76.9 115.3#
141 348.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

NS-DRUM-2-STONE

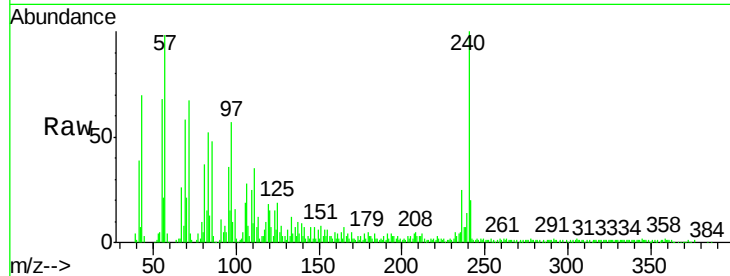
Tgt Ion:240 Resp: 104260

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

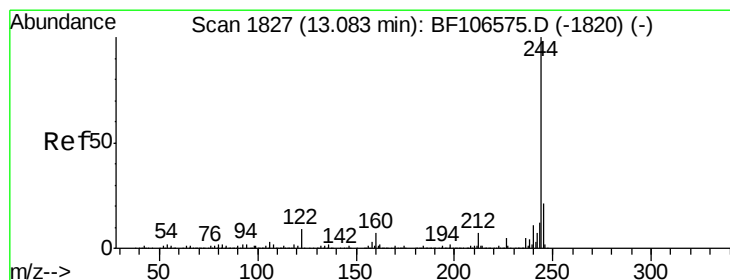
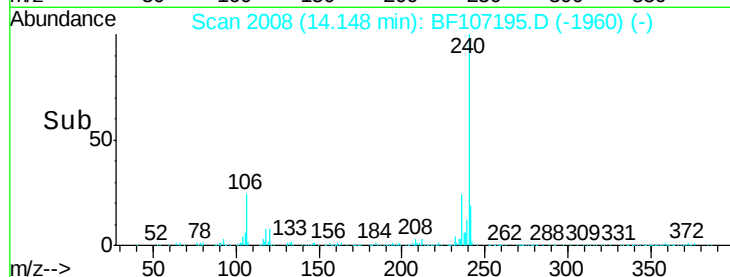
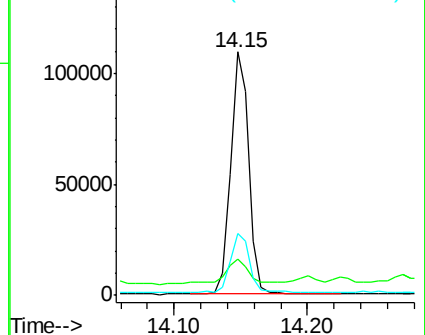
236 25.4 20.7 31.1



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: 94.110 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

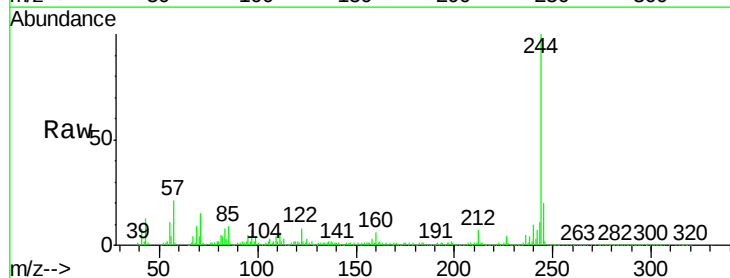
Tgt Ion:244 Resp: 405065

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

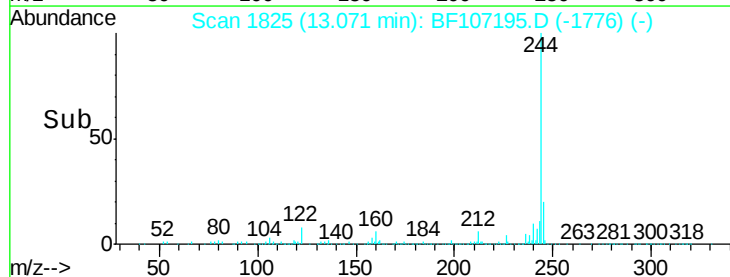
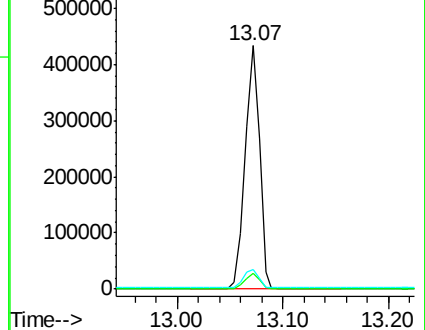
122 8.3 11.0 16.4#

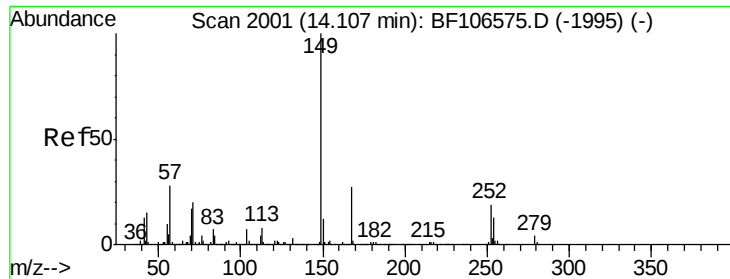


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.615 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

Instrument :

BNA_F

ClientSampleId :

NS-DRUM-2-STONE

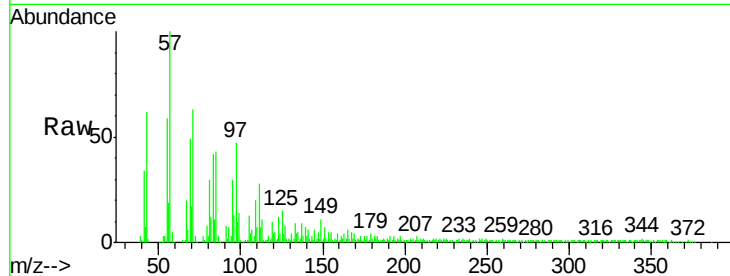
Tgt Ion:149 Resp: 9450

Ion Ratio Lower Upper

149 100

167 47.6 21.3 31.9#

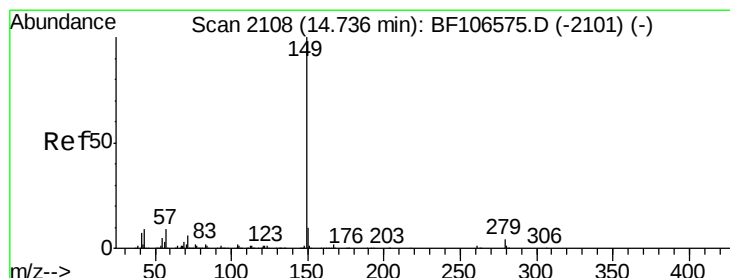
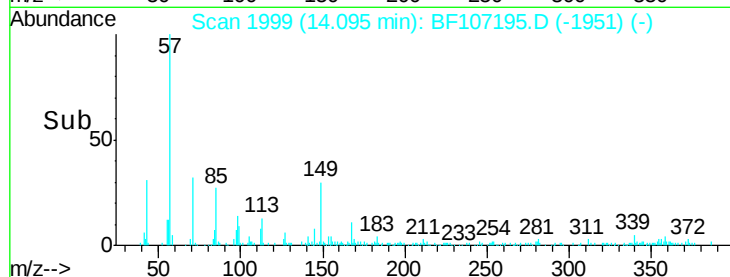
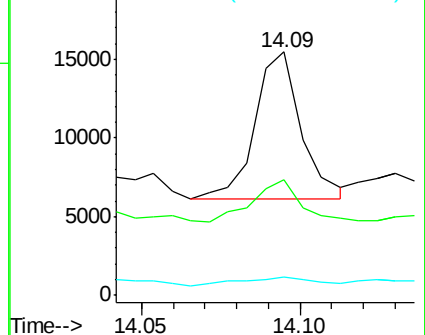
279 7.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.482 ng

RT: 14.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BF107195.D

Acq: 7 Jul 2018 10:17

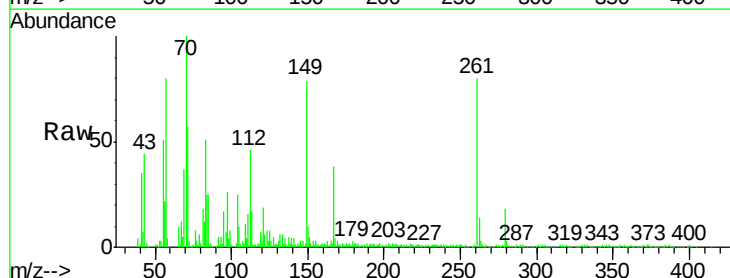
Tgt Ion:149 Resp: 144220

Ion Ratio Lower Upper

149 100

167 46.7 1.2 1.8#

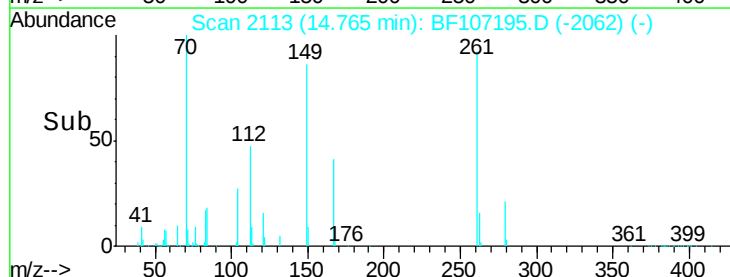
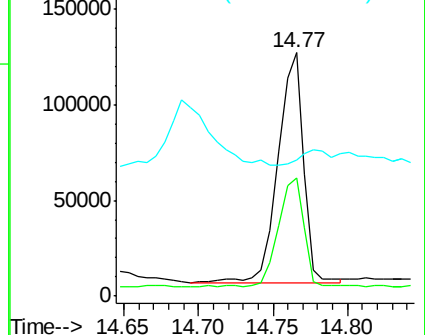
43 6.5 8.4 12.6#

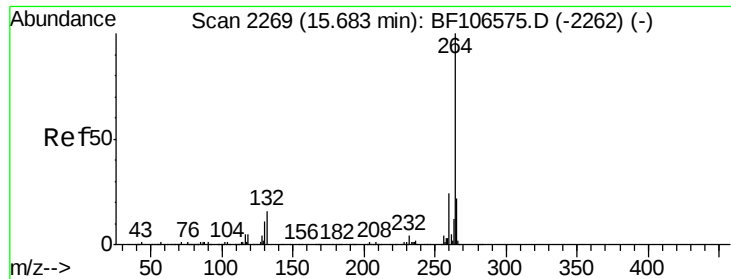


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

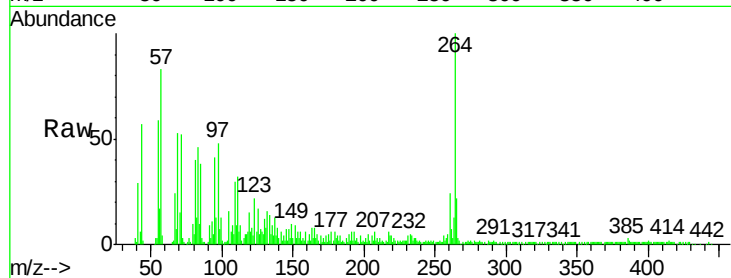




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107195.D
Acq: 7 Jul 2018 10:17

Instrument :
BNA_F
ClientSampleId :
NS-DRUM-2-STONE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	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

