

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100117\
 Data File : BF098996.D
 Acq On : 1 Oct 2017 17:08
 Operator : SJ/JU
 Sample : I5551-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-B

Quant Time: Oct 02 07:46:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

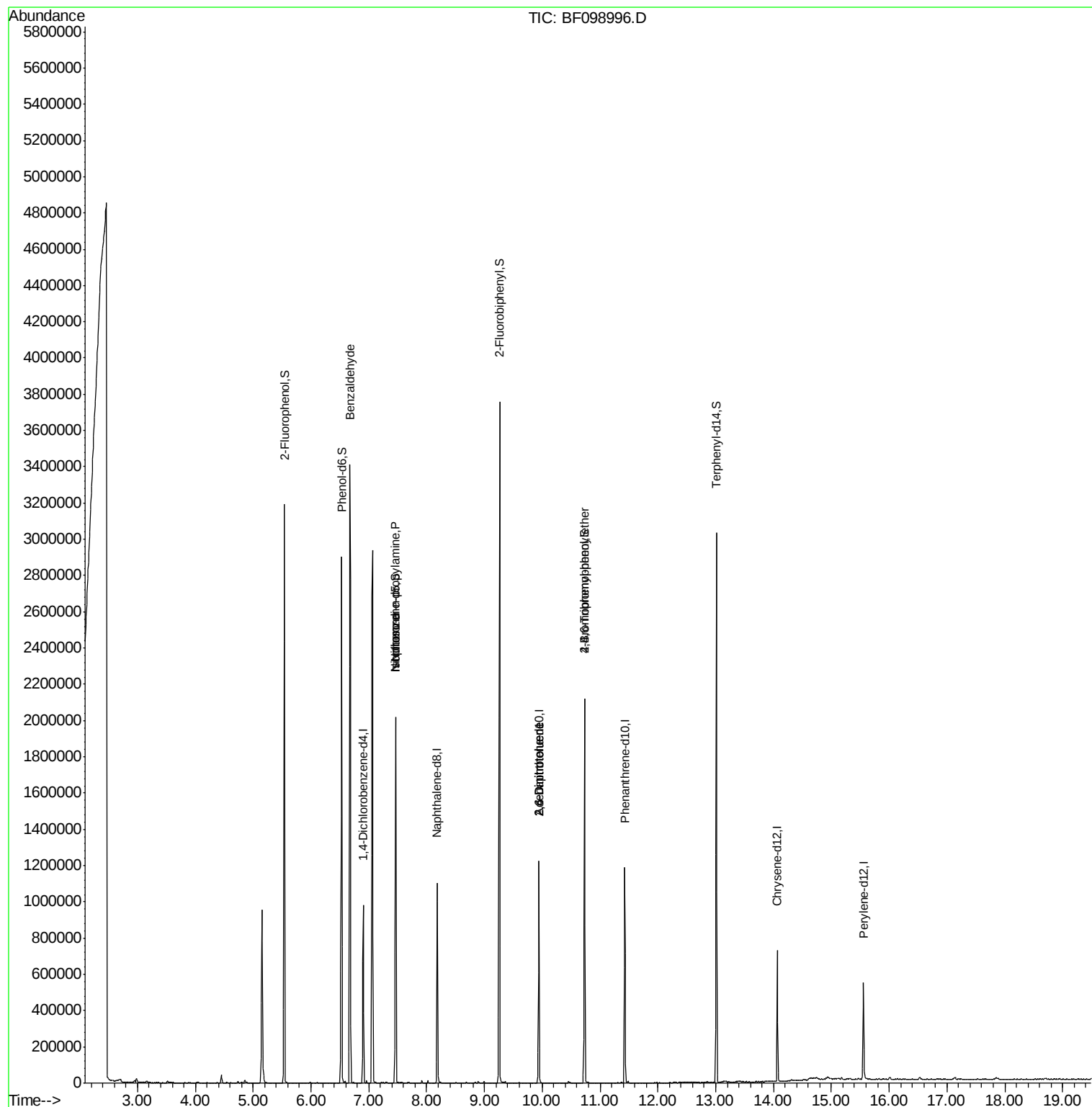
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131761	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	543078	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	237283	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	385714	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	220086	20.00	ng	-0.02
86) Perylene-d12	15.56	264	224298	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1000272	120.85	ng	0.00
7) Phenol-d6	6.53	99	1092428	106.99	ng	-0.01
23) Nitrobenzene-d5	7.46	82	803482	94.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	249572	128.54	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1404602	98.82	ng	-0.02
78) Terphenyl-d14	13.02	244	964427	99.66	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	21641	3.65	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.46	70	103567	15.89	ng	# 76
25) Isophorone	7.46	82	803472	45.89	ng	# 64
50) 2,6-Dinitrotoluene	9.94	165	30474	7.82	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	30474	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.73	248	17003	4.50	ng	# 1

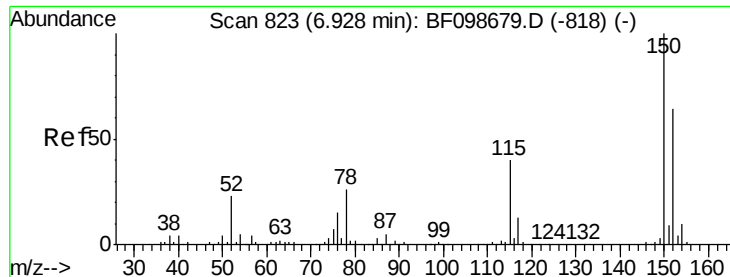
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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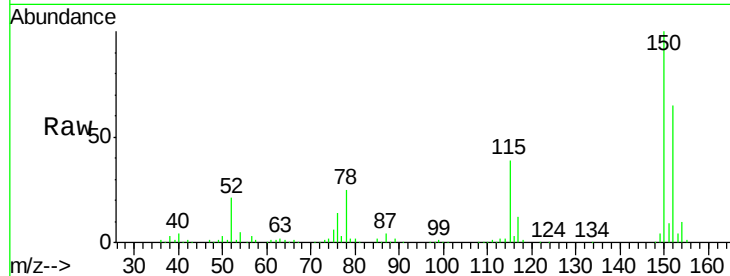


#1

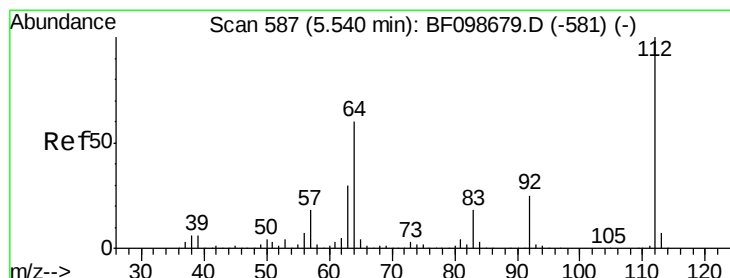
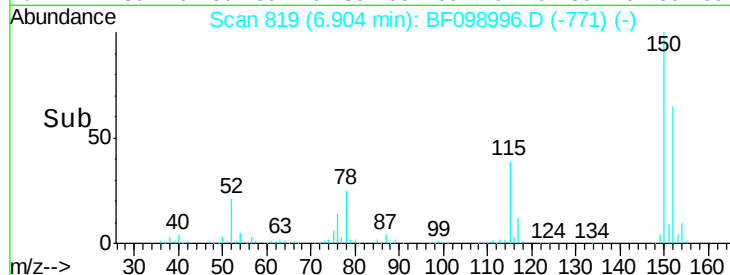
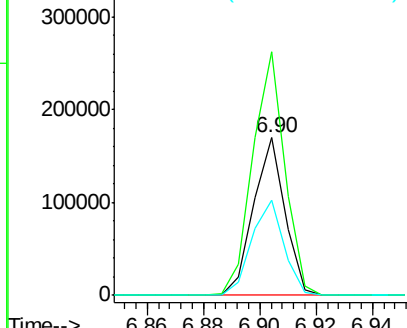
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

Tot Ion:152 Resp: 131761
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 60.5 50.1 75.1



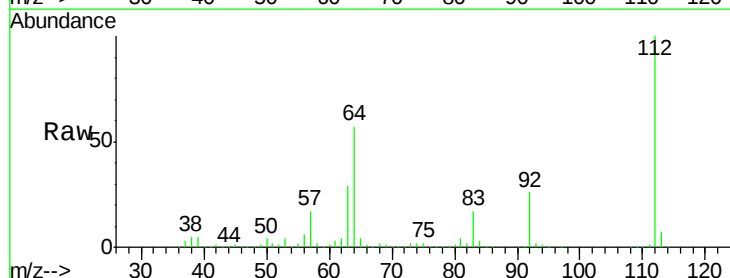
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



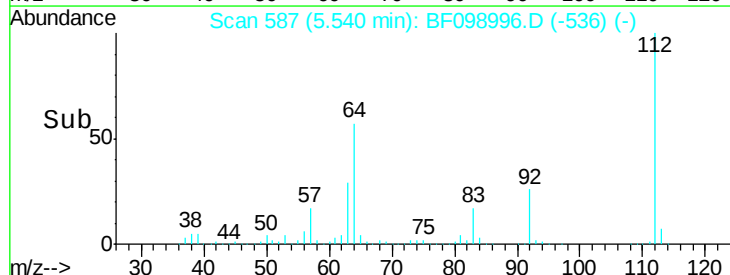
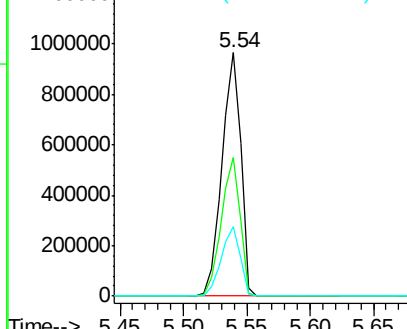
#5

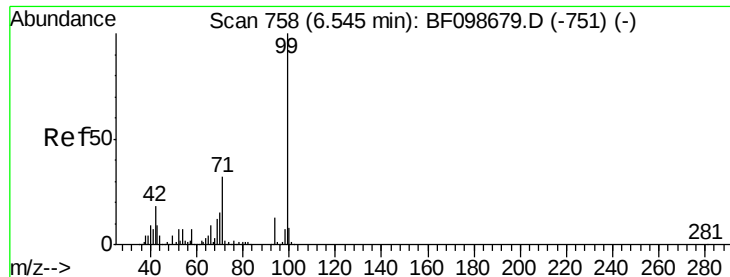
2-Fluorophenol
Concen: 120.85 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Tgt Ion:112 Resp: 1000272
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.99 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-B

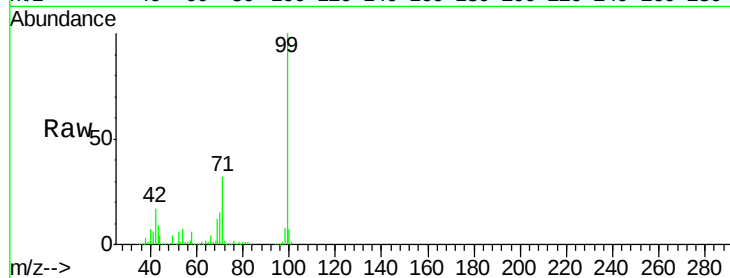
Tot Ion: 99 Resp: 1092428

Ion Ratio Lower Upper

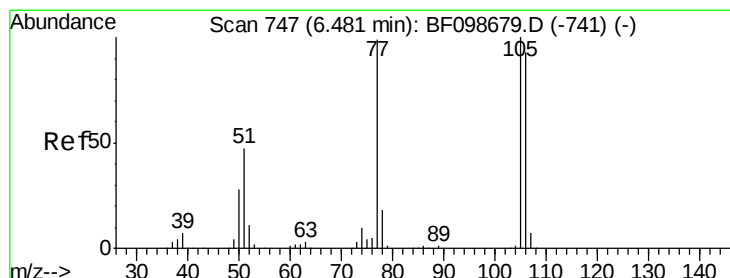
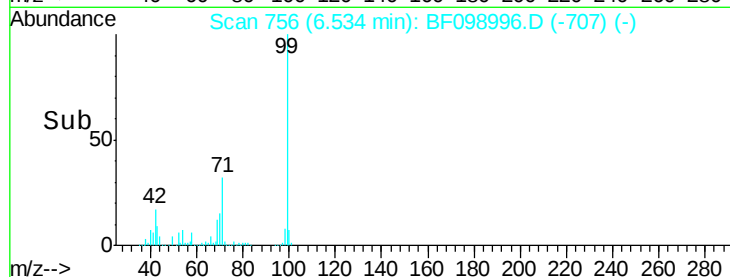
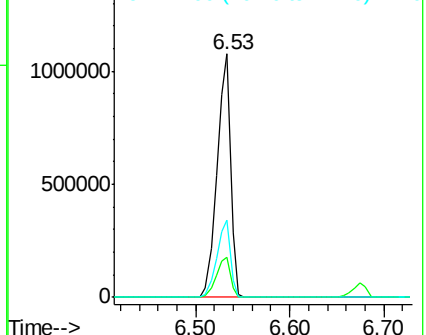
99 100

42 16.7 14.5 21.7

71 31.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.65 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.20 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

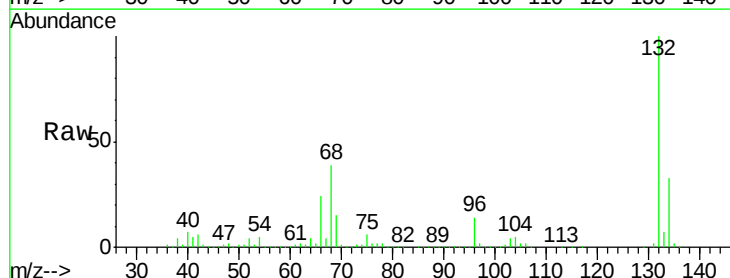
Tgt Ion: 77 Resp: 21641

Ion Ratio Lower Upper

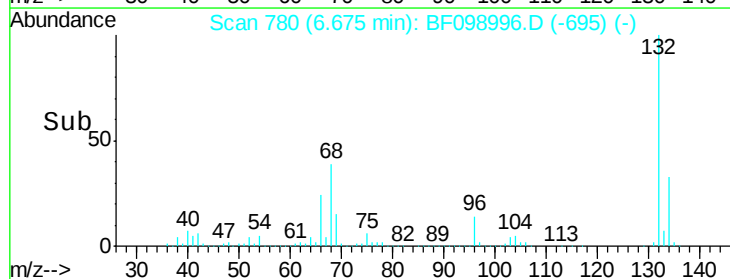
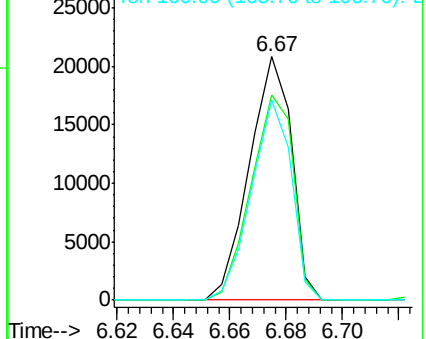
77 100

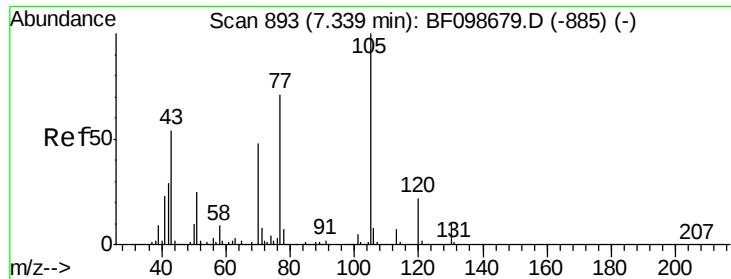
105 84.3 81.1 121.1

106 82.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

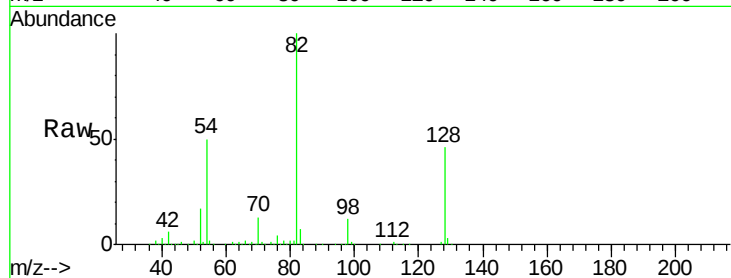




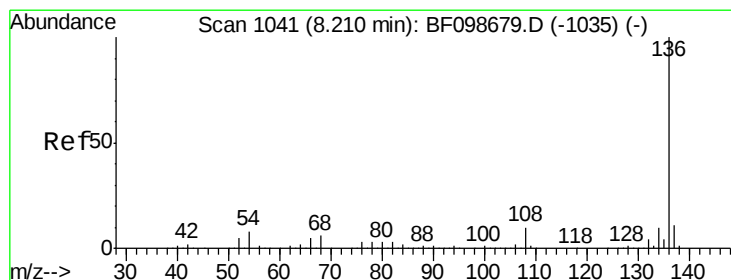
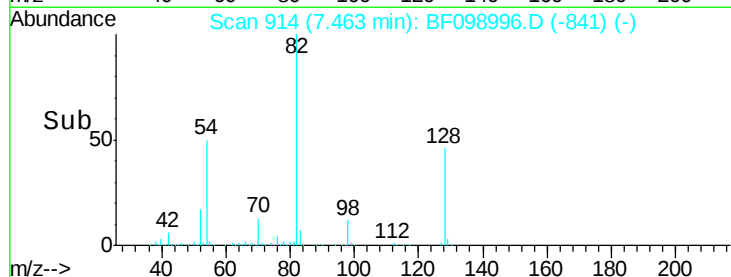
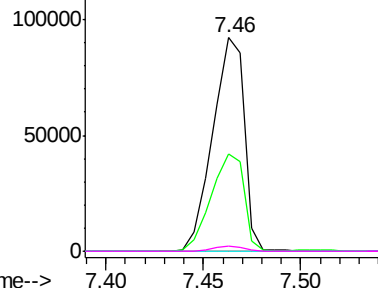
#19
n-Nitroso-di-n-propylamine
Concen: 15.89 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.13 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

Tot Ion: 70 Resp: 103567
Ion Ratio Lower Upper
70 100
42 45.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

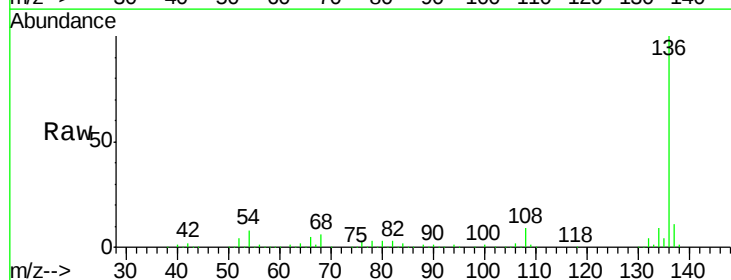


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

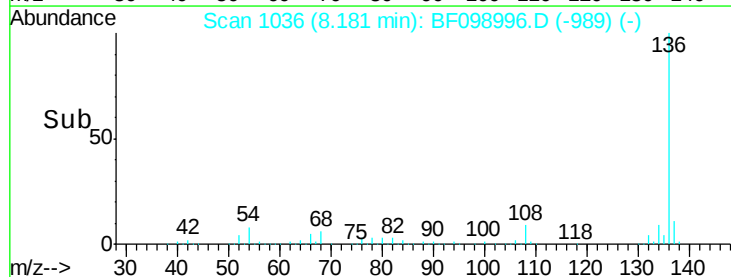
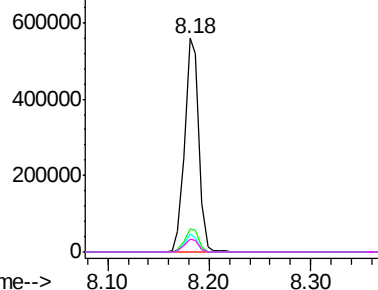


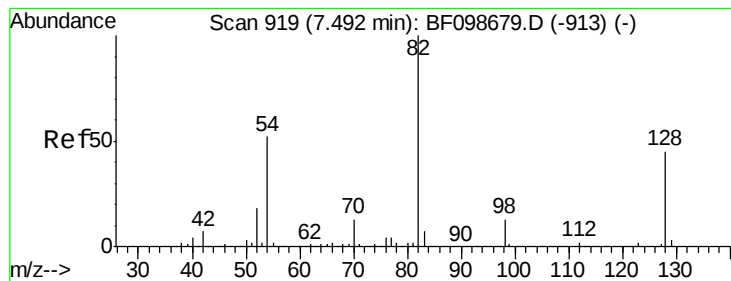
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Tgt Ion:136 Resp: 543078
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.2 6.6 9.8
68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 94.88 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-B

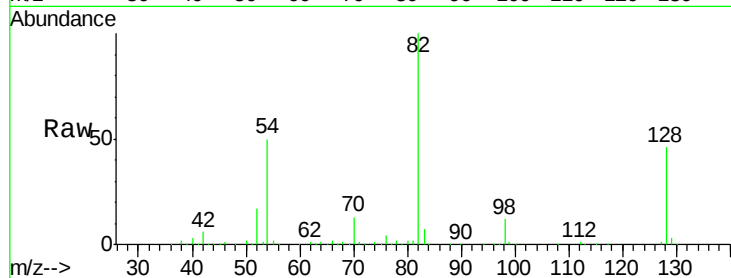
Tot Ion: 82 Resp: 803482

Ion Ratio Lower Upper

82 100

128 46.4 36.1 54.1

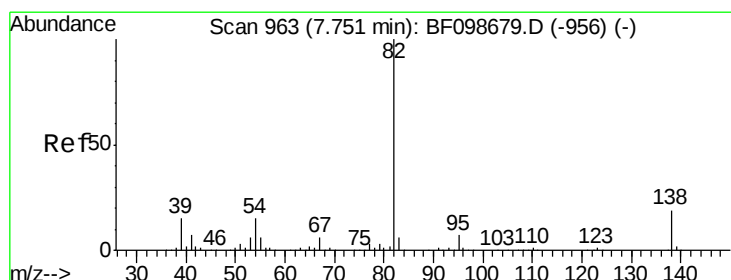
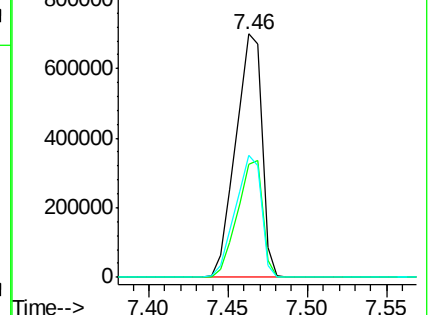
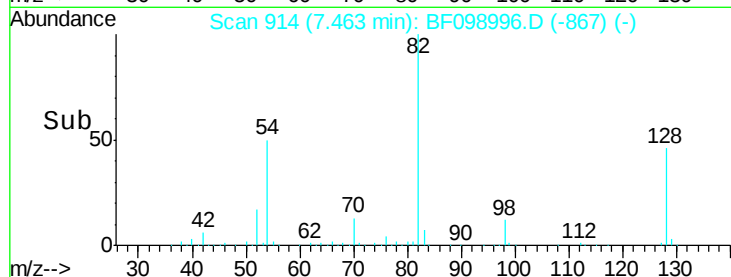
54 49.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.89 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.28 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

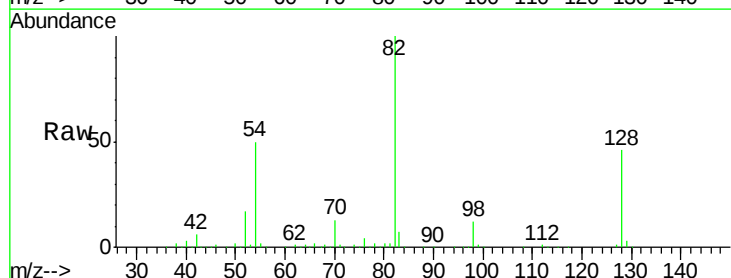
Tgt Ion: 82 Resp: 803472

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

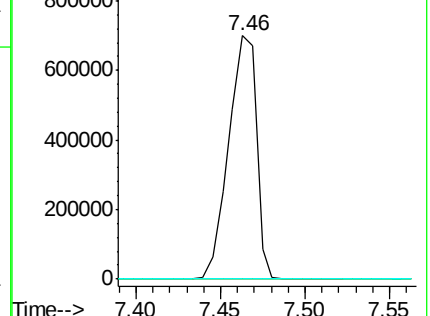
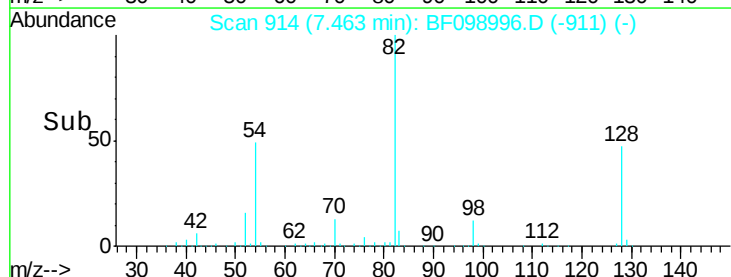
138 0.0 14.9 22.3#

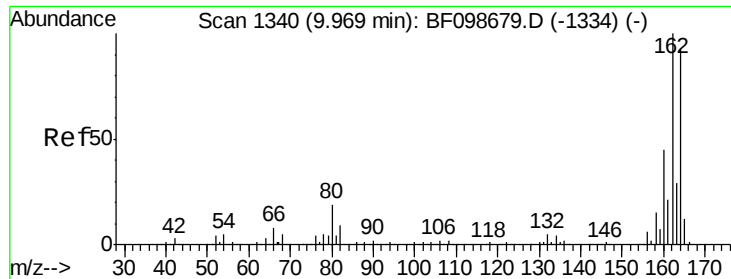


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

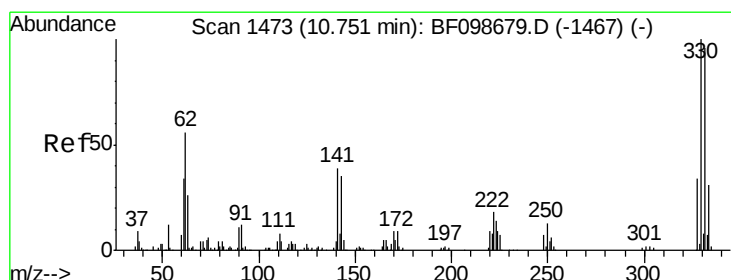
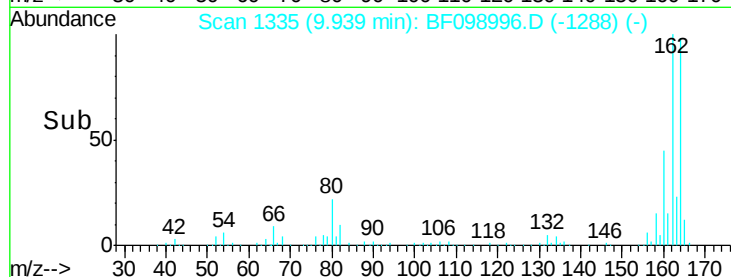
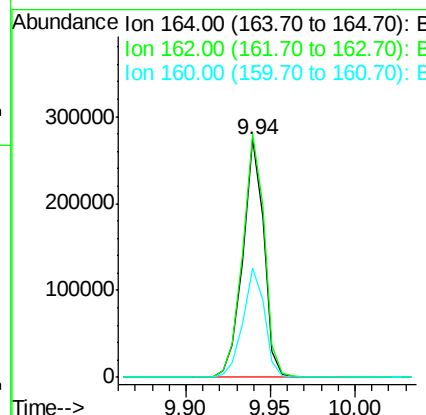
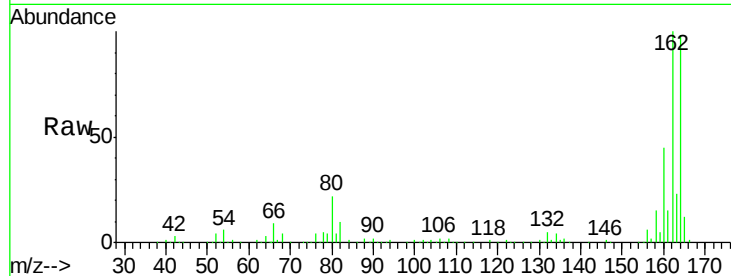




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

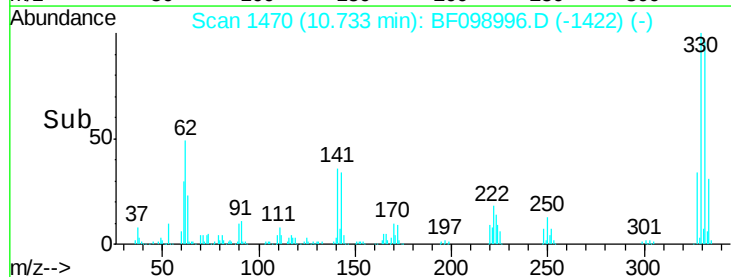
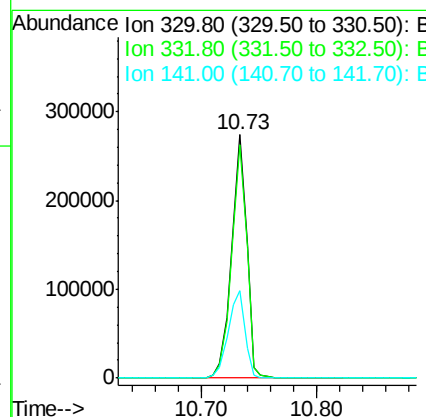
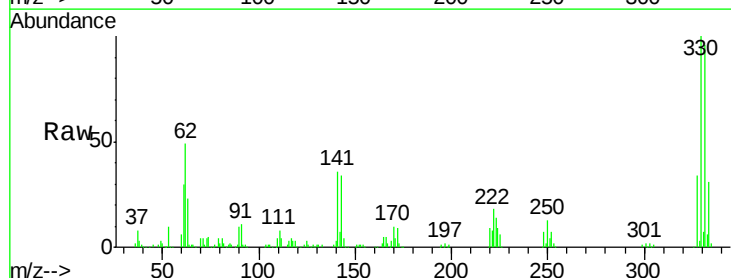
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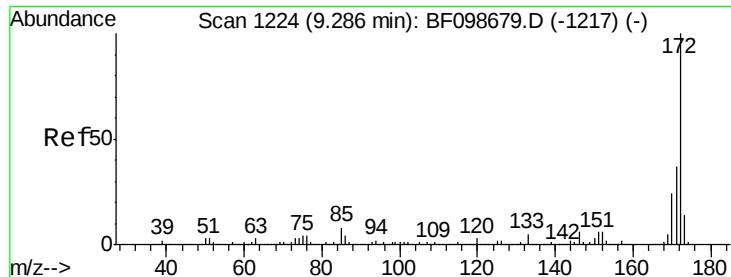
Tot Ion:164 Resp: 237283
Ion Ratio Lower Upper
164 100
162 102.3 86.1 129.1
160 45.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 128.54 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Tgt Ion:330 Resp: 249572
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 39.8 29.9 44.9

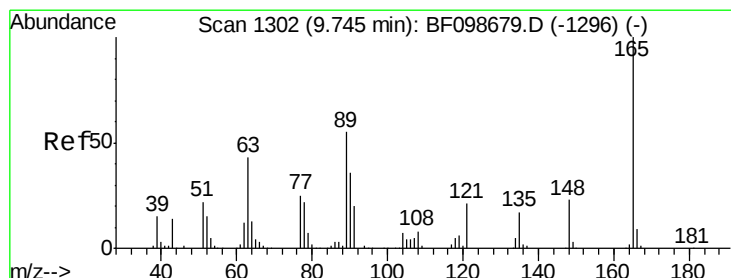
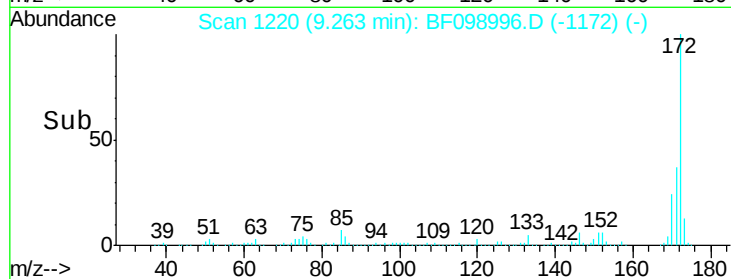
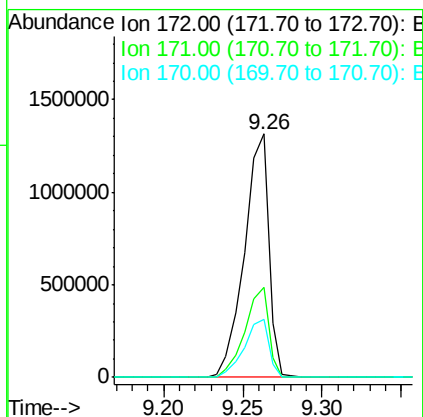
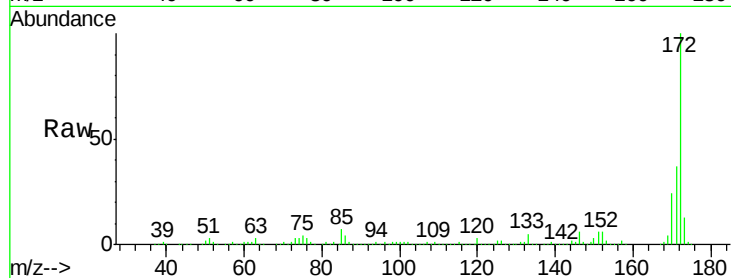




#44
 2-Fluorobiphenyl
 Concen: 98.82 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098996.D
 Acq: 1 Oct 2017 17:08

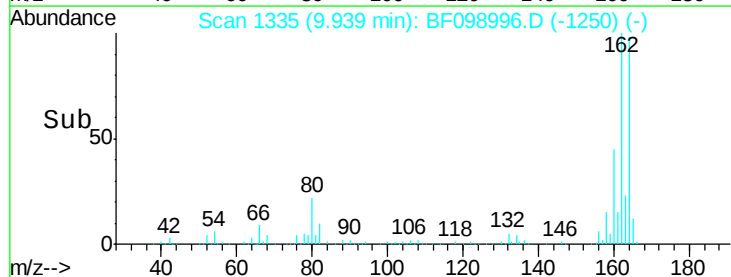
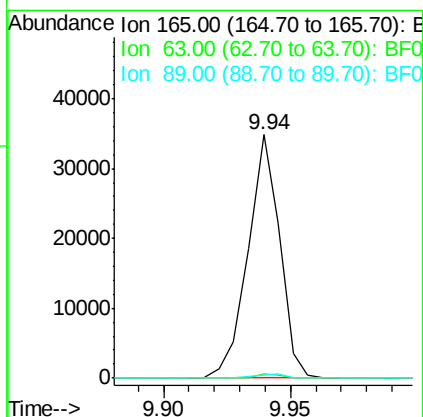
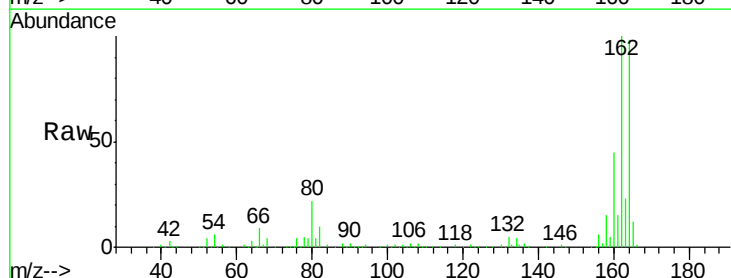
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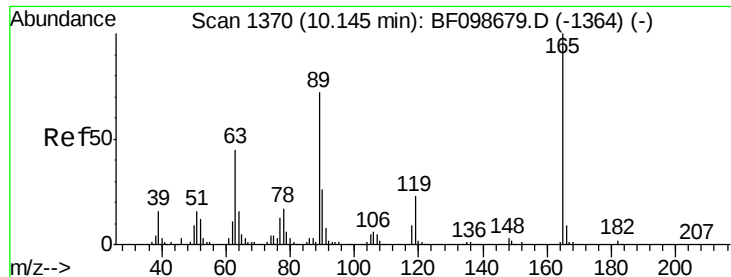
Tot Ion:172 Resp: 1404602
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.20 min
 Lab File: BF098996.D
 Acq: 1 Oct 2017 17:08

Tgt Ion:165 Resp: 30474
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.2 44.0 66.0#

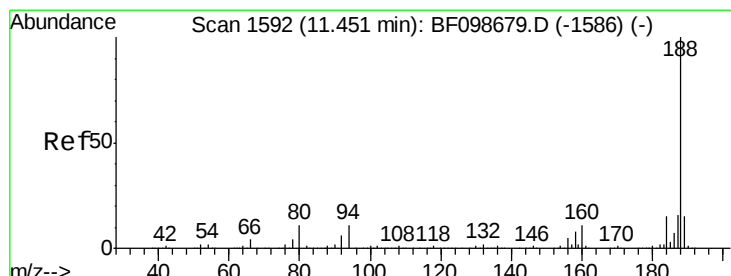
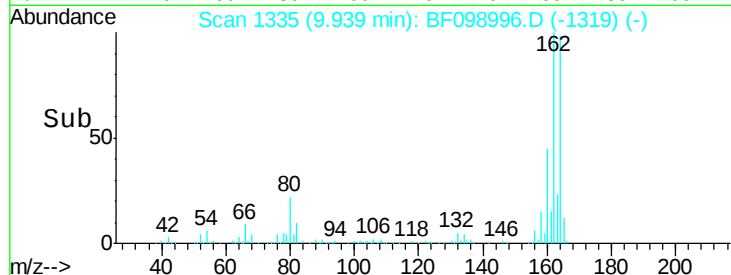
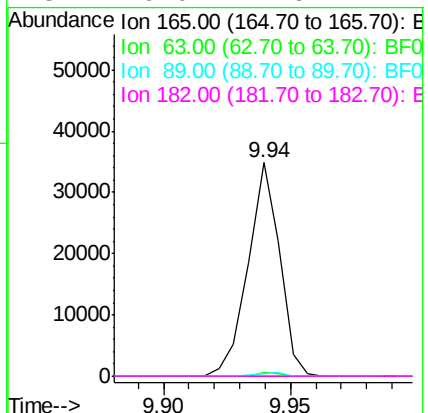
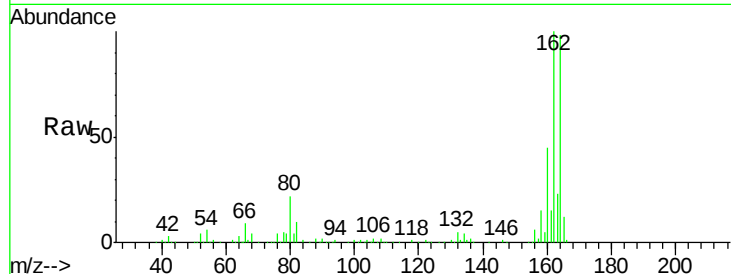




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.21 min
 Lab File: BF098996.D
 Acq: 1 Oct 2017 17:08

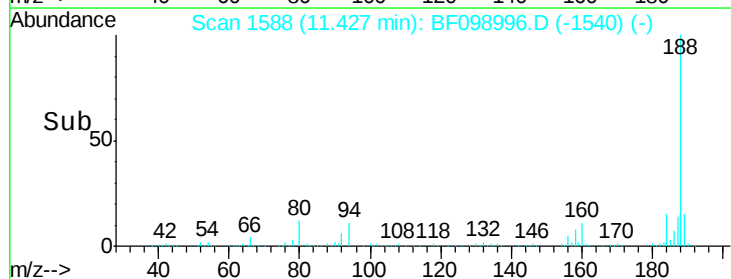
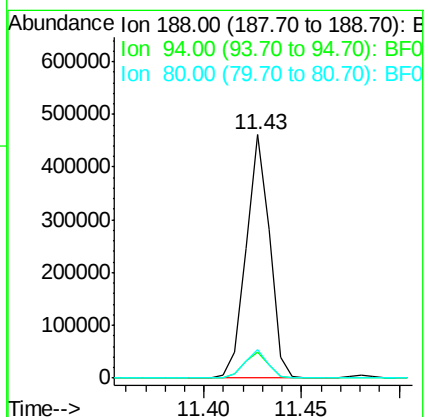
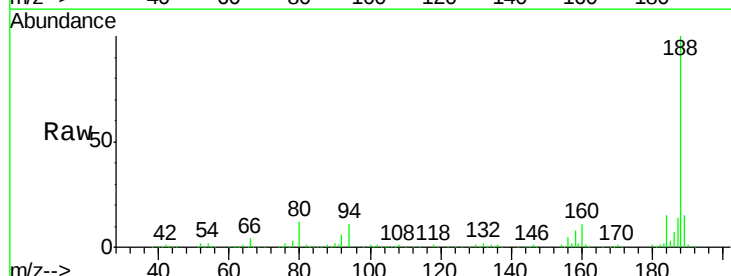
Instrument :
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 JC-03-092917-B

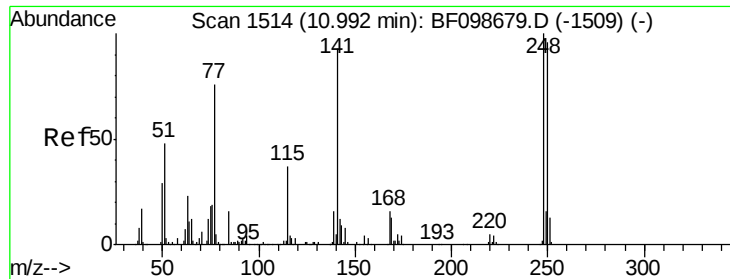
Tot Ion:165 Resp: 30474
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF098996.D
 Acq: 1 Oct 2017 17:08

Tgt Ion:188 Resp: 385714
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.9 9.2 13.8

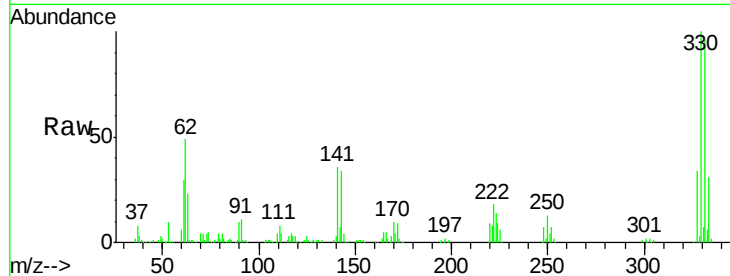




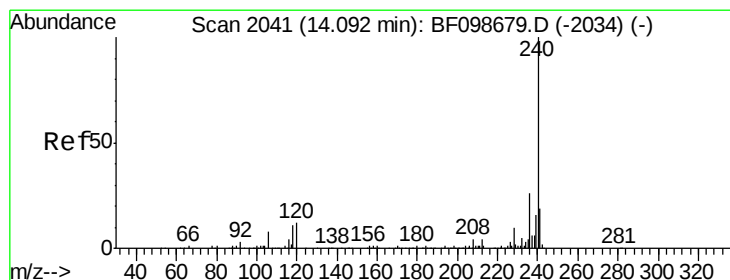
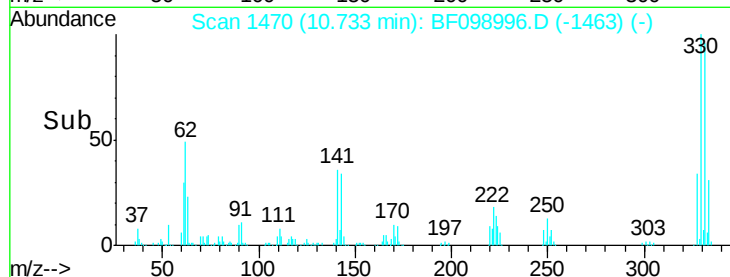
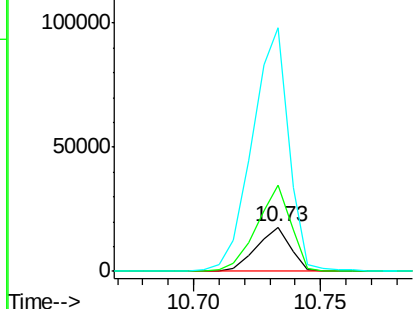
#66
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.26 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

Tot Ion:248 Resp: 17003
Ion Ratio Lower Upper
248 100
250 193.3 76.9 115.3#
141 546.4 74.4 111.6#

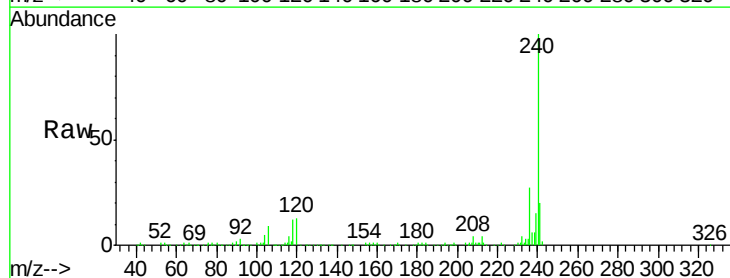


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

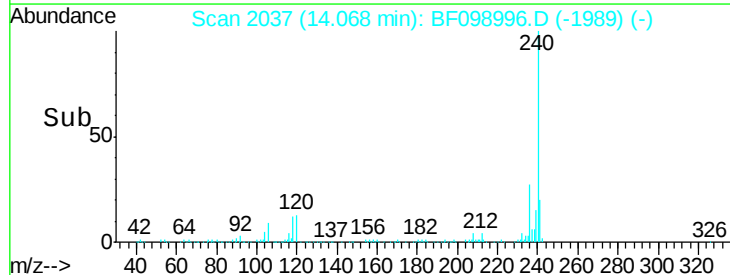
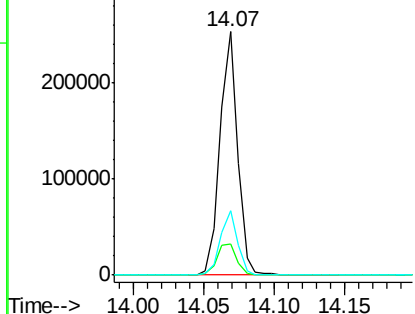


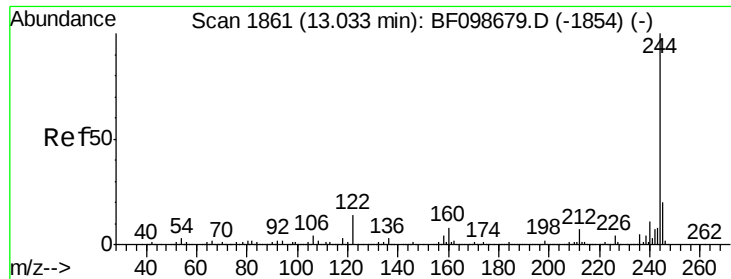
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.02 min
Lab File: BF098996.D
Acq: 1 Oct 2017 17:08

Tgt Ion:240 Resp: 220086
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.6 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: 99.66 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

Instrument :

BNA_F

ClientSampleId :

JC-03-092917-B

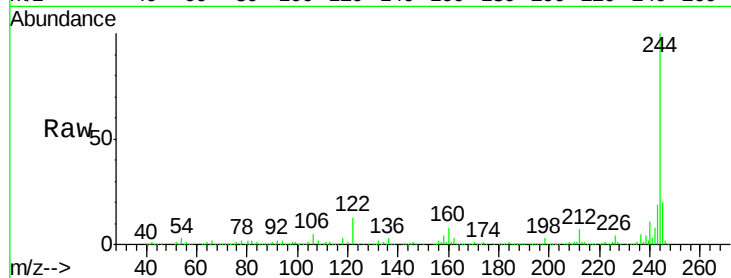
Tot Ion:244 Resp: 964427

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

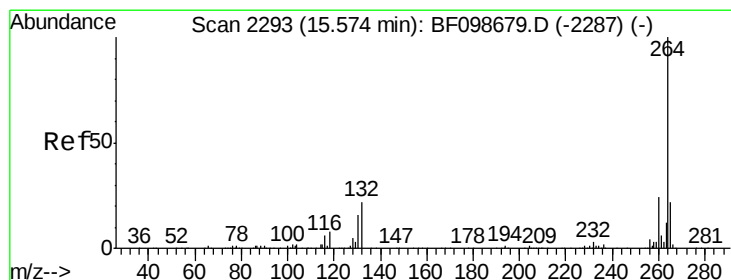
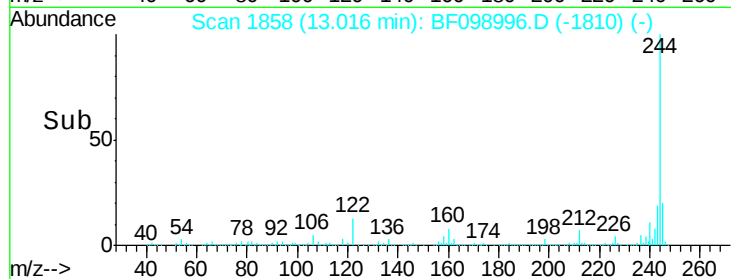
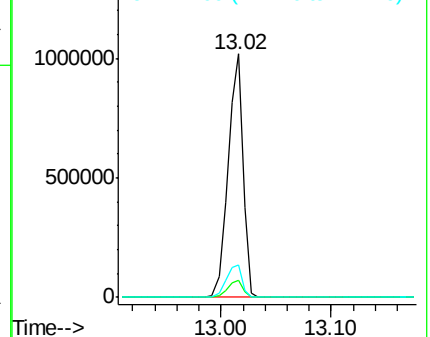
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.02 min

Lab File: BF098996.D

Acq: 1 Oct 2017 17:08

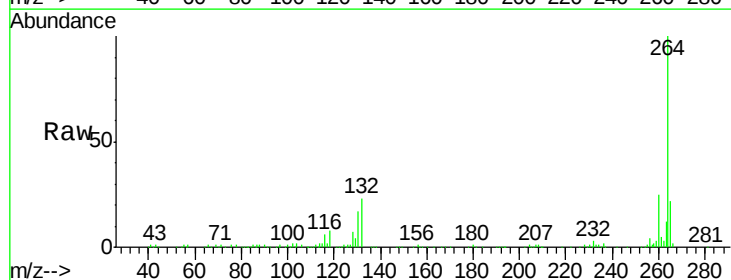
Tgt Ion:264 Resp: 224298

Ion Ratio Lower Upper

264 100

260 24.6 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

