

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097587.D
 Acq On : 11 Aug 2017 5:31
 Operator : SJ/JU
 Sample : I4664-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Aug 11 07:19:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

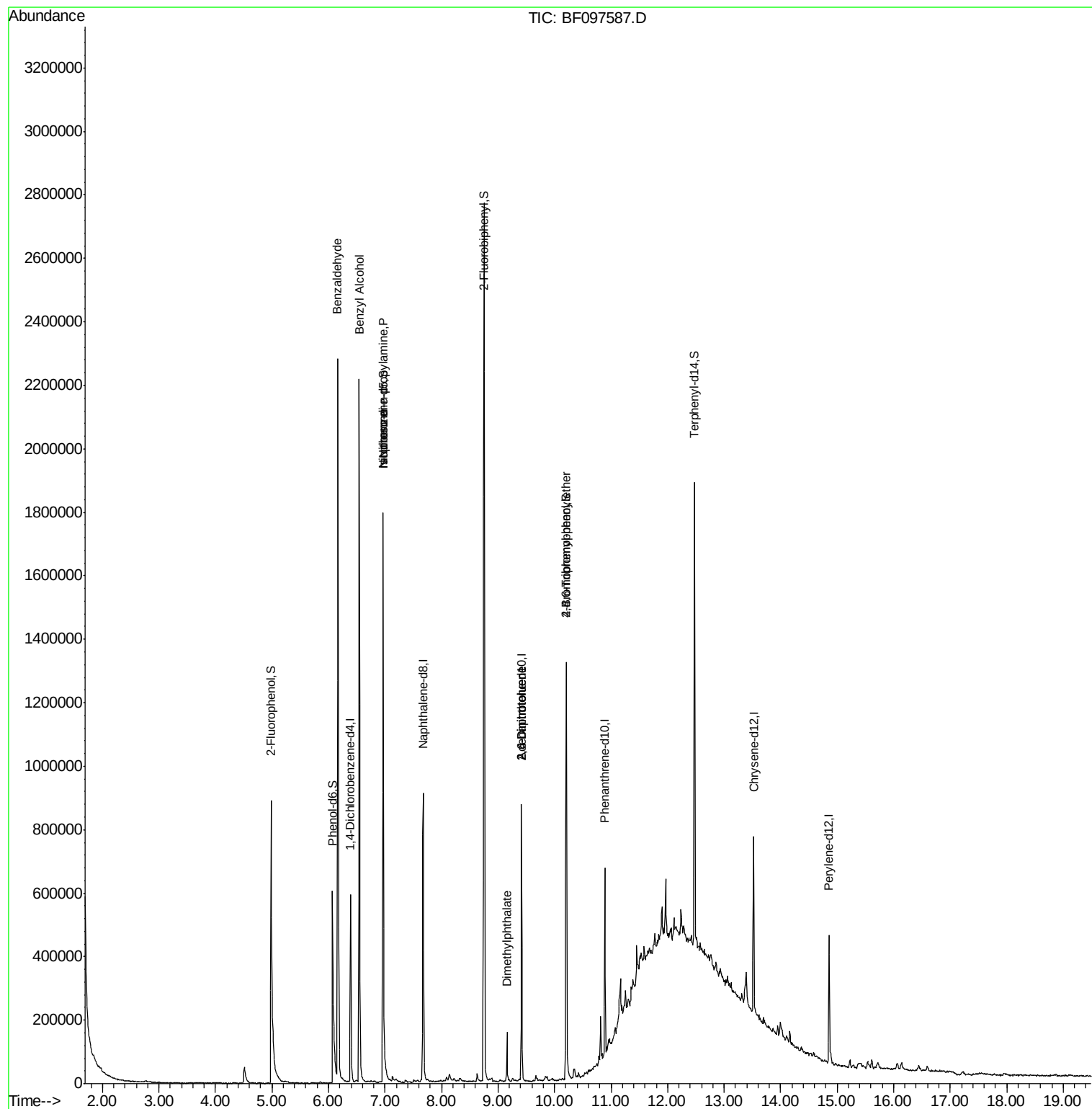
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	103508	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	450545	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	169485	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	225125	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	185462	20.00	ng	-0.02
86) Perylene-d12	14.86	264	156153	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.98	112	439666	64.03	ng	-0.02
7) Phenol-d6	6.07	99	338930	43.24	ng	-0.02
23) Nitrobenzene-d5	6.97	82	660044	85.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	160897	120.15	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	932030	93.33	ng	-0.02
78) Terphenyl-d14	12.47	244	494834	54.40	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.16	77	15176	3.27	ng	# 77
15) Benzyl Alcohol	6.55	79	10313	2.08	ng	# 33
19) n-Nitroso-di-n-propylamine	6.96	70	89155	17.28	ng	# 84
25) Isophorone	6.97	82	660039	43.88	ng	# 67
49) Dimethylphthalate	9.16	163	61257	4.76	ng	100
50) 2,6-Dinitrotoluene	9.42	165	21415	7.85	ng	# 35
56) 2,4-Dinitrotoluene	9.42	165	21415	6.82	ng	# 34
66) 4-Bromophenyl-phenylether	10.21	248	9698	4.32	ng	# 1

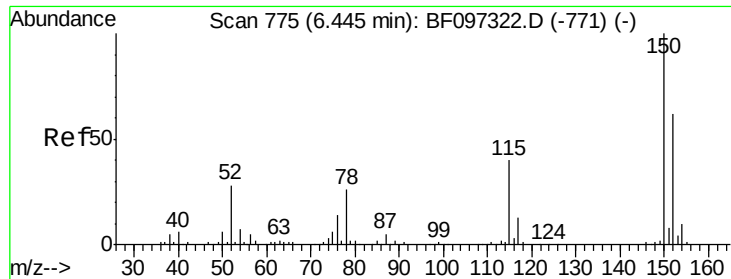
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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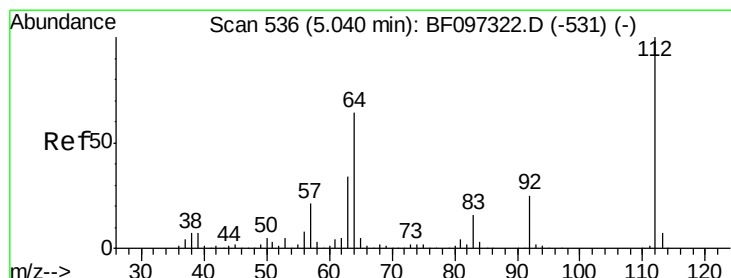
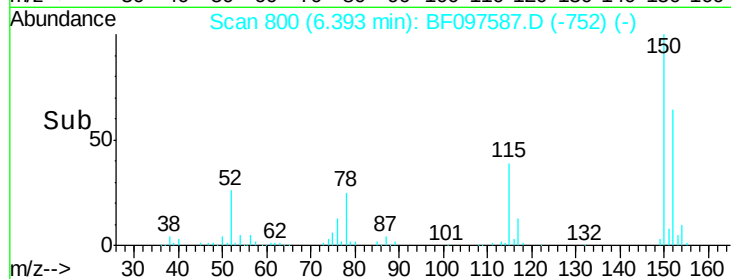
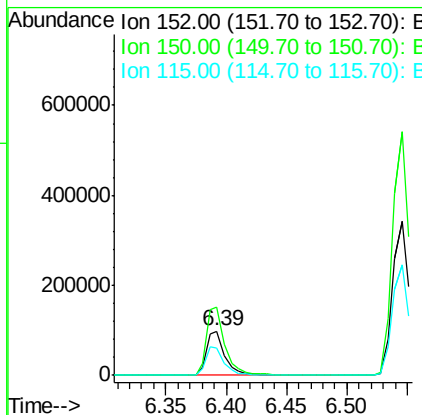
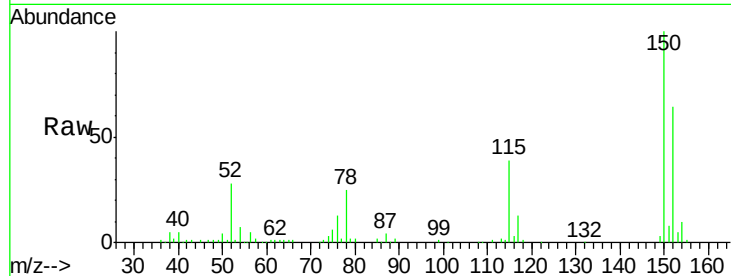


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
DSN001

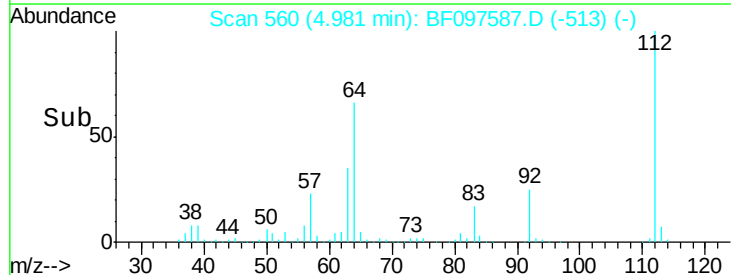
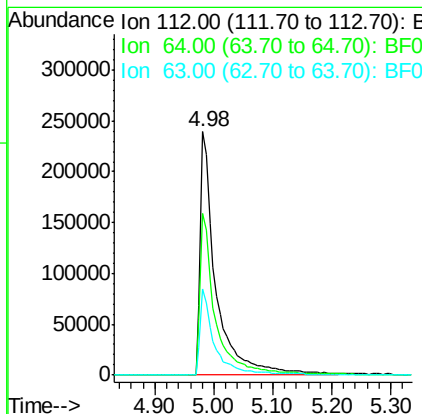
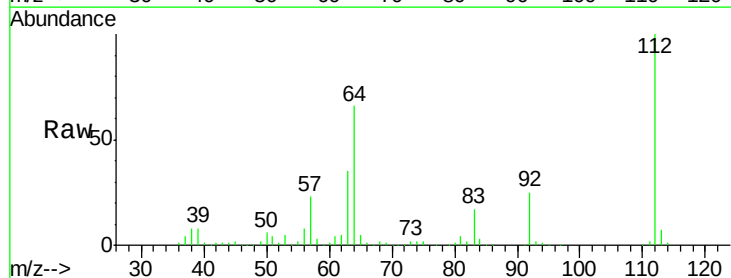
Tot Ion:152 Resp: 103508
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 61.1 52.2 78.2

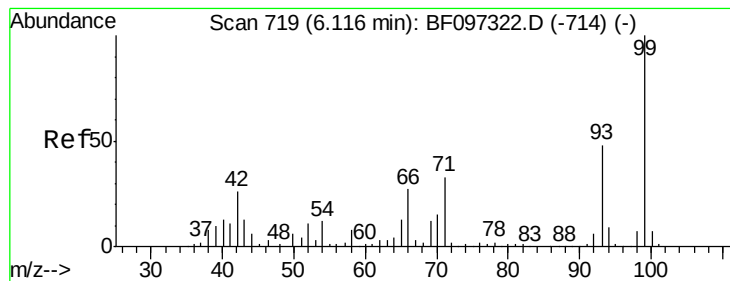


#5

2-Fluorophenol
Concen: 64.03 ng
RT: 4.98 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Tgt Ion:112 Resp: 439666
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 35.2 23.4 35.0#





#7

Phenol-d6

Concen: 43.24 ng

RT: 6.07 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampled :

DSN001

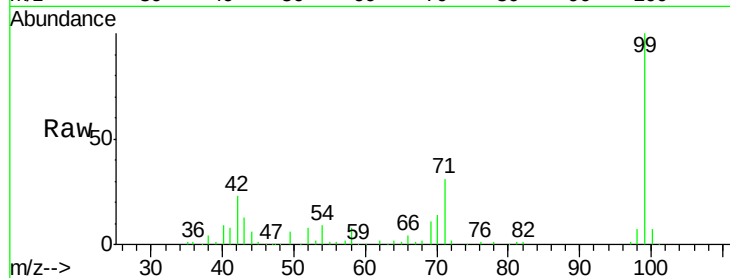
Tot Ion: 99 Resp: 338930

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

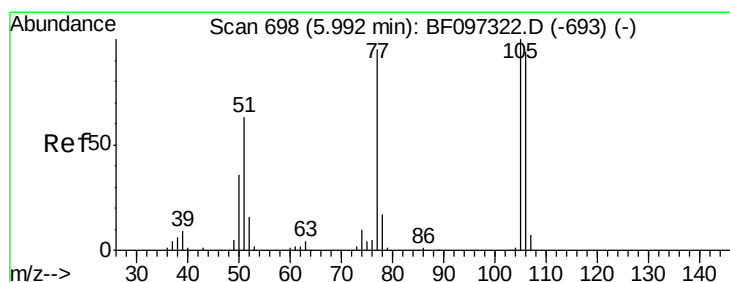
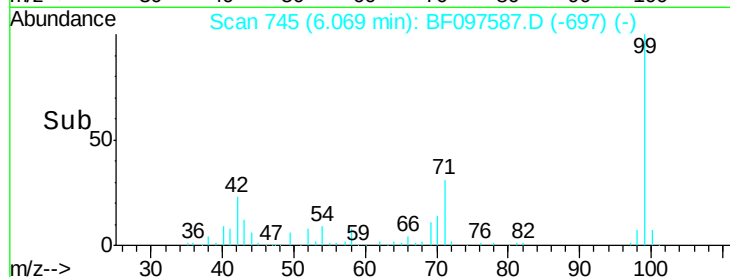
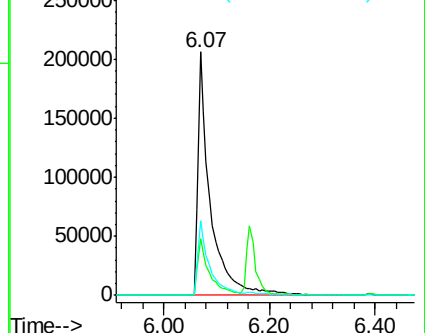
71 30.8 24.5 36.7



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: 3.27 ng

RT: 6.16 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

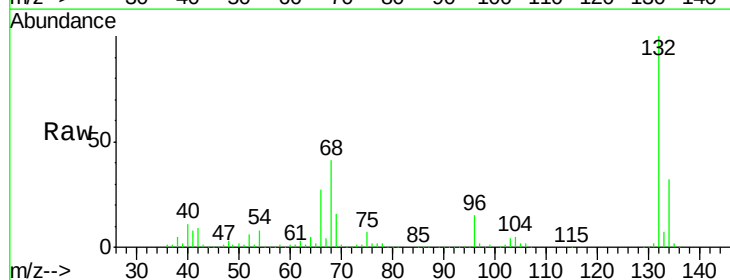
Tgt Ion: 77 Resp: 15176

Ion Ratio Lower Upper

77 100

105 82.6 83.8 123.8#

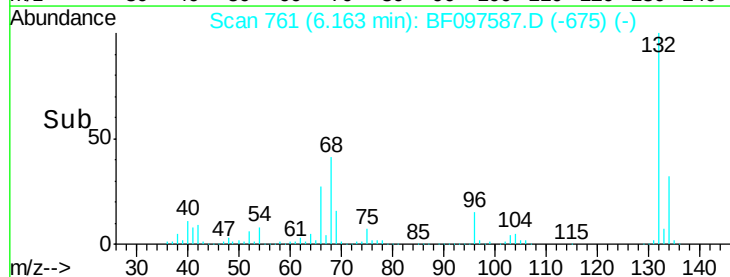
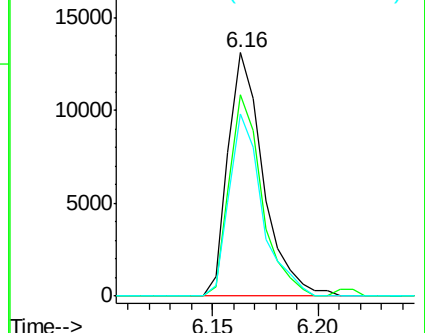
106 74.6 79.1 119.1#

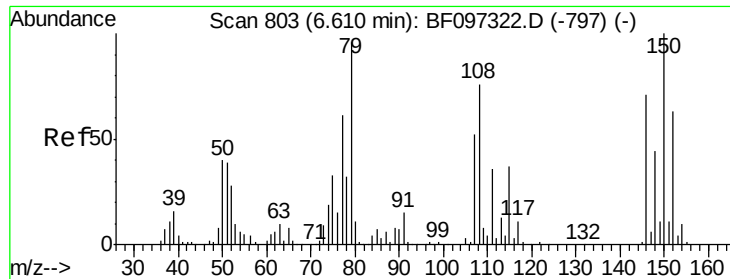


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.55 min Scan# 826

Delta R.T. -0.04 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

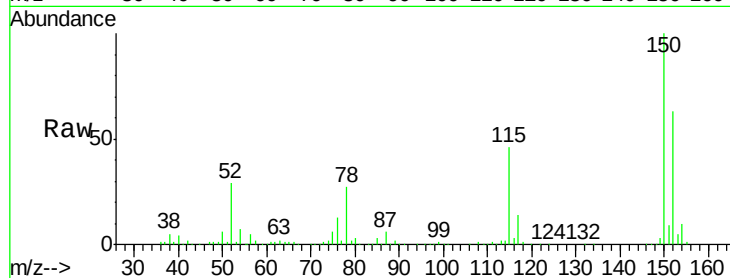
Tot Ion: 79 Resp: 10313

Ion Ratio Lower Upper

79 100

108 29.3 63.4 95.0#

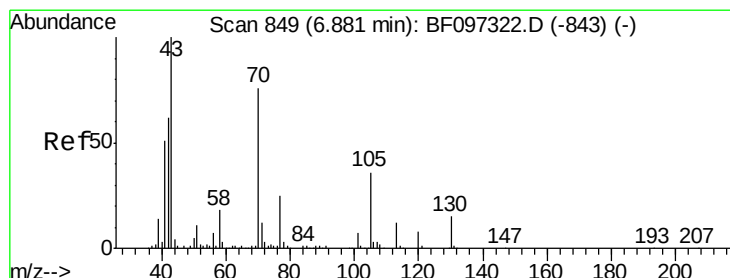
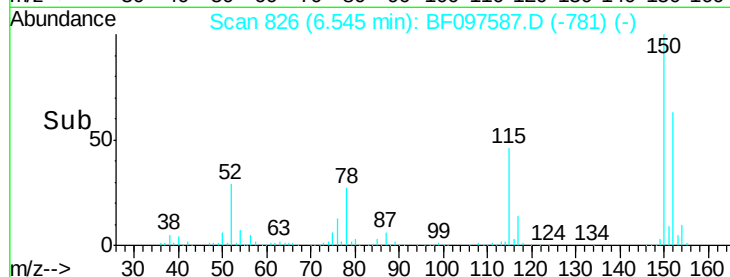
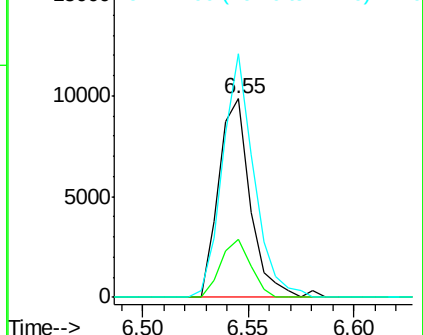
77 122.6 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.28 ng

RT: 6.96 min Scan# 897

Delta R.T. 0.11 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Tgt Ion: 70 Resp: 89155

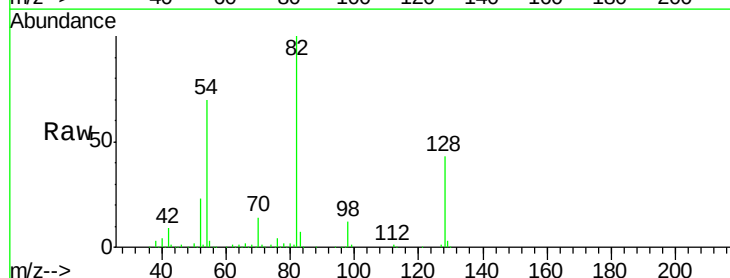
Ion Ratio Lower Upper

70 100

42 63.8 47.2 70.8

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

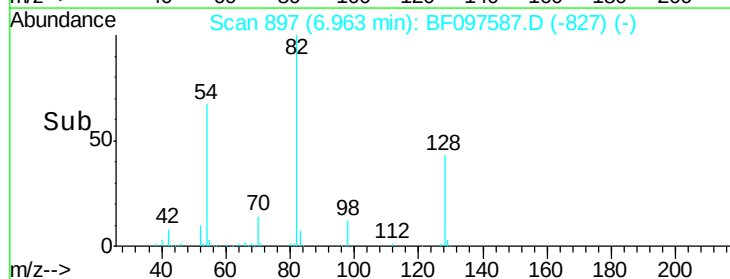
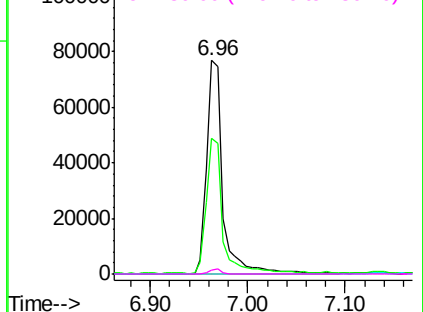


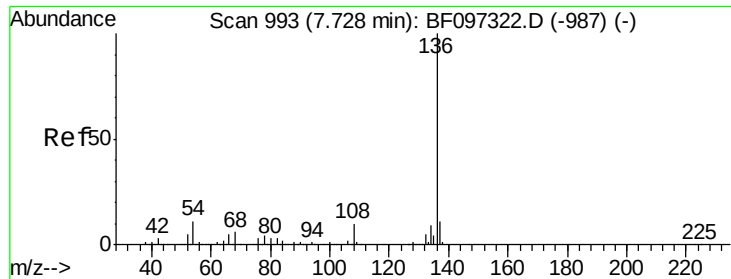
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

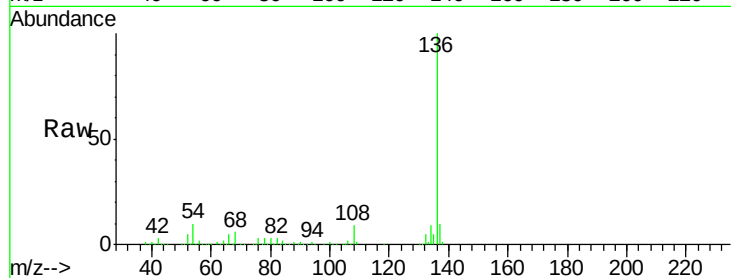




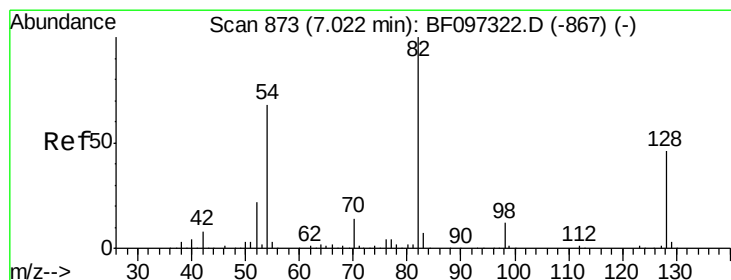
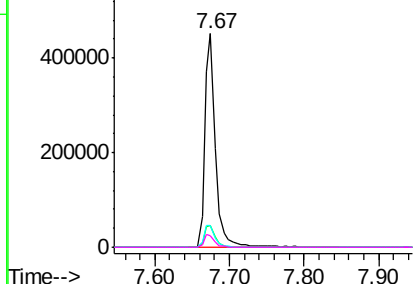
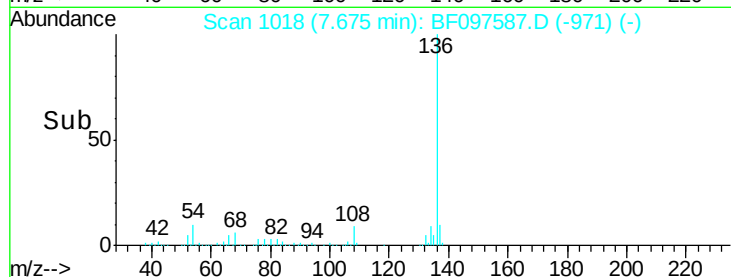
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:136	Resp:	450545
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	10.1	4.9 7.3#
68	5.6	4.1 6.1

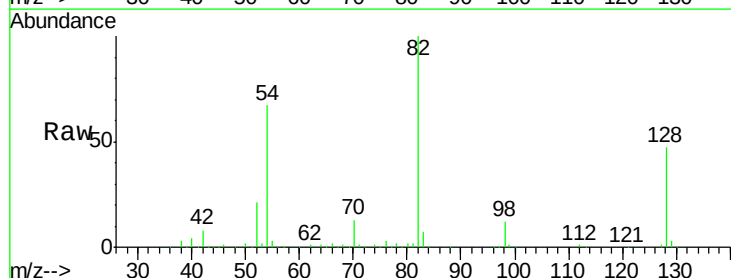


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

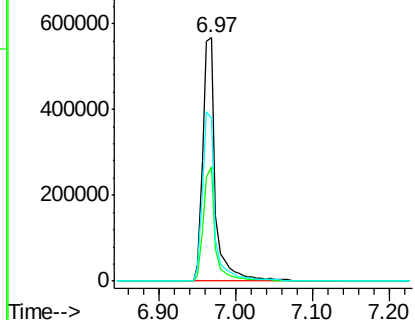
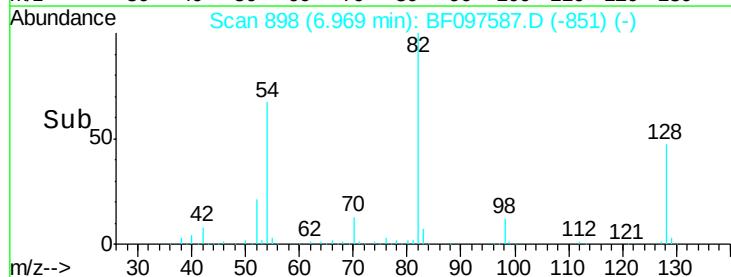


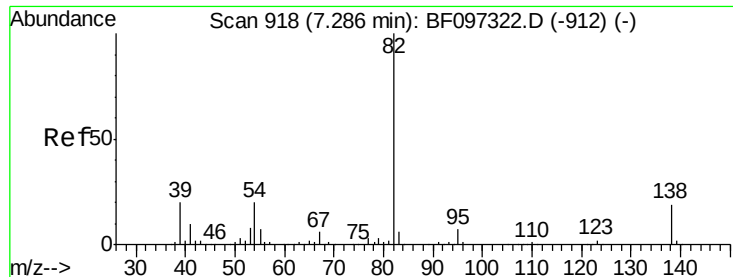
#23
Nitrobenzene-d5
Concen: 85.94 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Tgt Ion: 82	Resp:	660044
Ion Ratio	Lower	Upper
82	100	
128	47.1	34.0 51.0
54	66.7	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

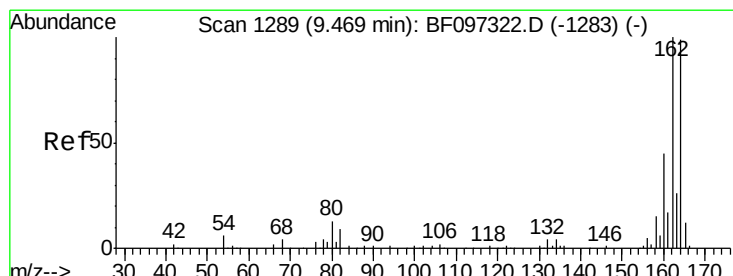
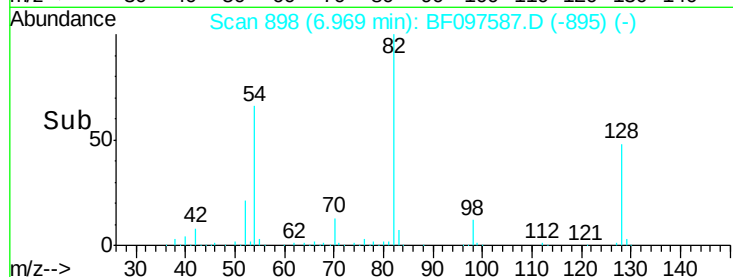
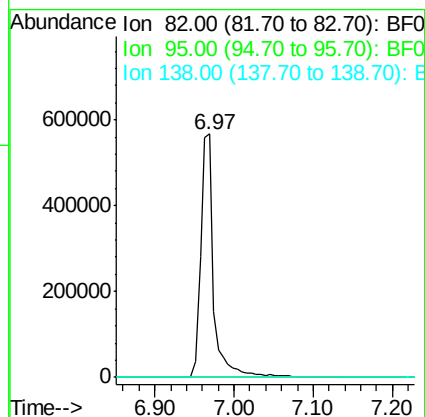
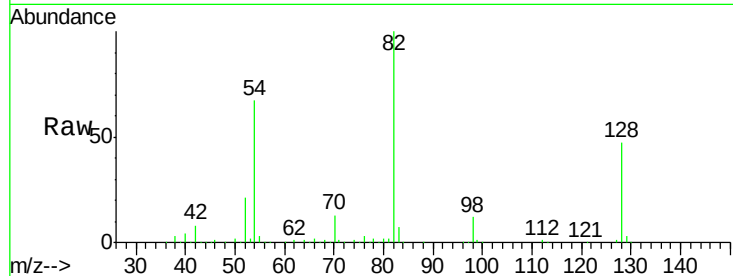




#25
Isophorone
Concen: 43.88 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

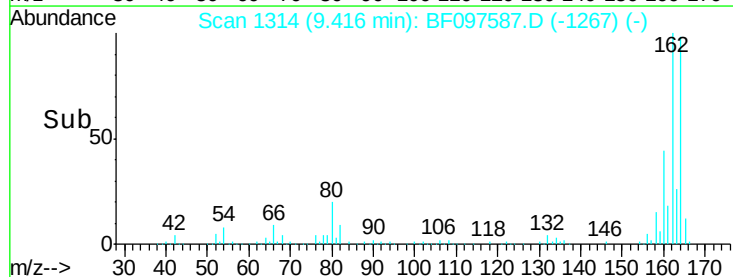
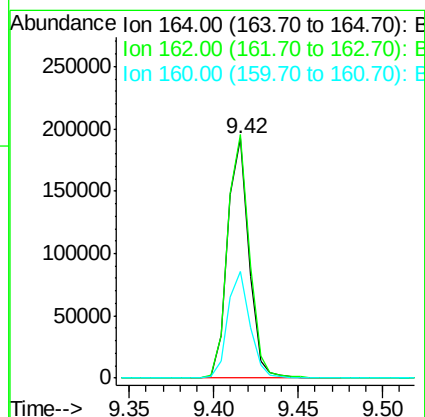
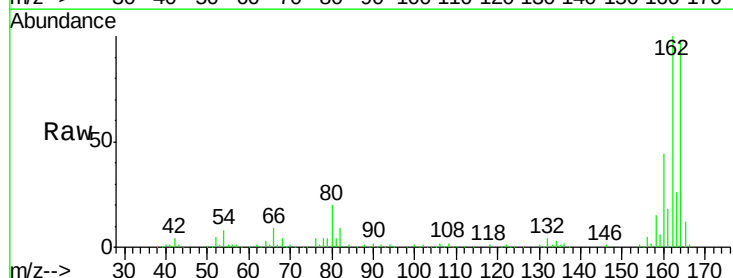
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DSN001

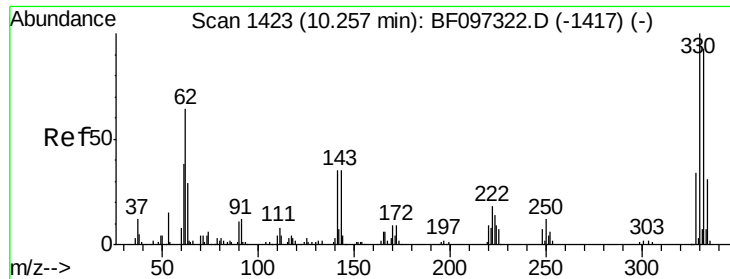
Tot Ion: 82 Resp: 660039
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097587.D
Acq: 11 Aug 2017 5:31

Tgt Ion: 164 Resp: 169485
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.8 36.2 54.2

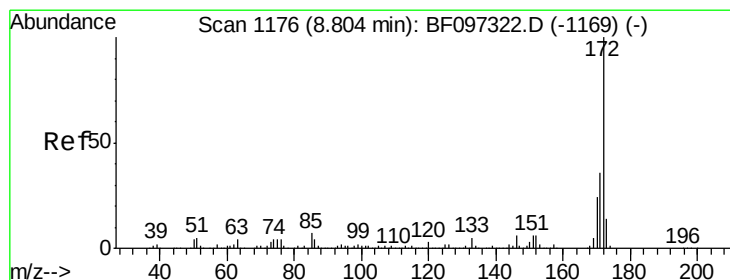
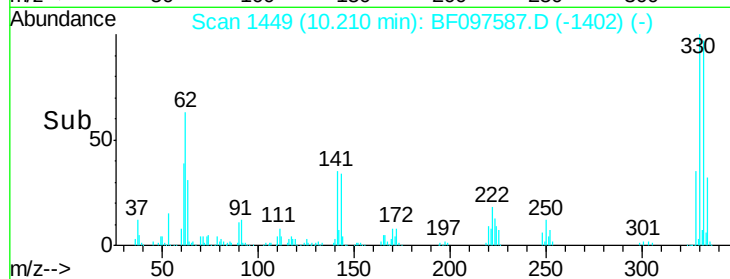
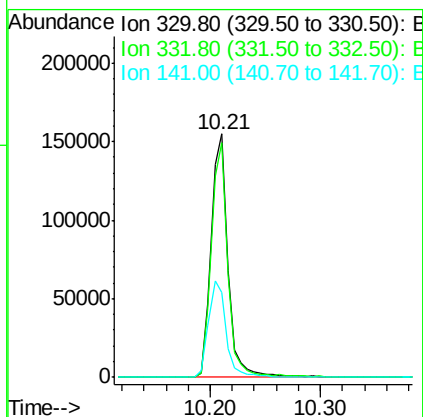
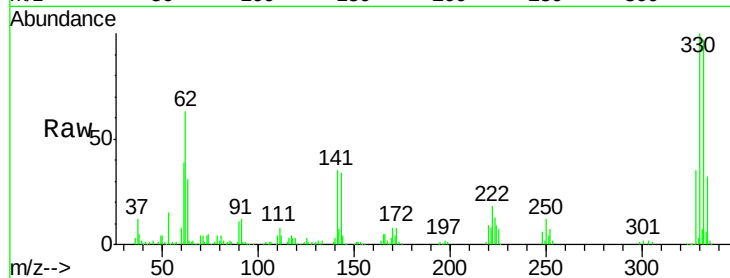




#41
 2,4,6-Tribromophenol
 Concen: 120.15 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

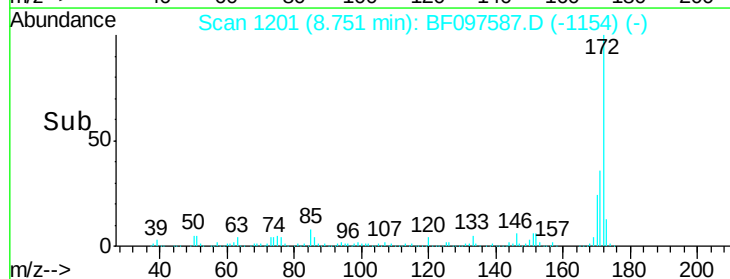
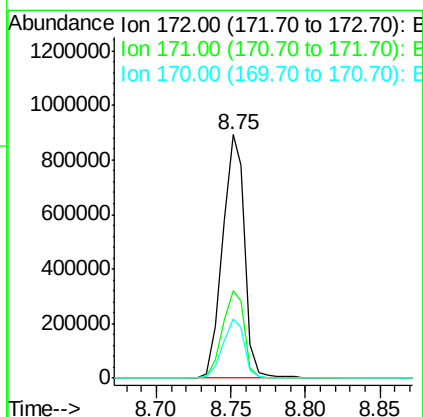
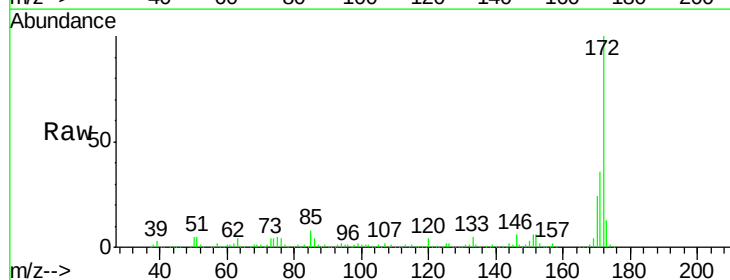
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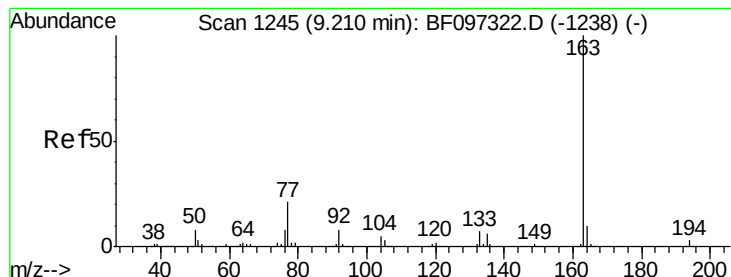
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	41.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 4.76 ng

RT: 9.16 min Scan# 1270

Delta R.T. -0.03 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

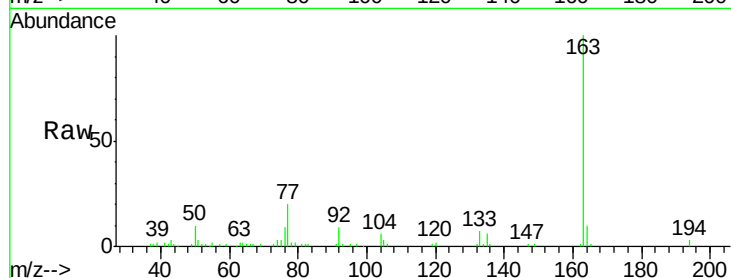
Tot Ion:163 Resp: 61257

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

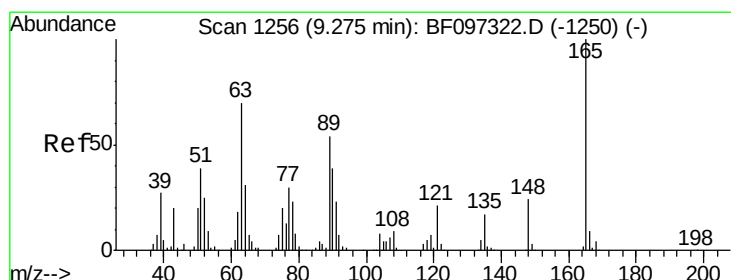
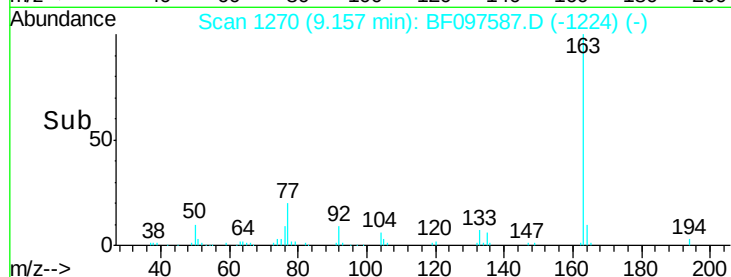
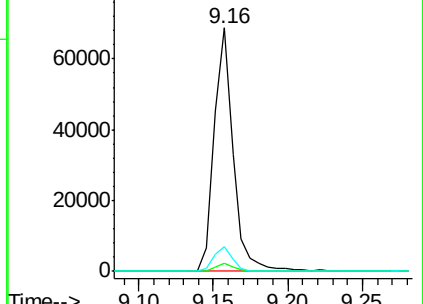
164 10.3 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.85 ng

RT: 9.42 min Scan# 1314

Delta R.T. 0.16 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

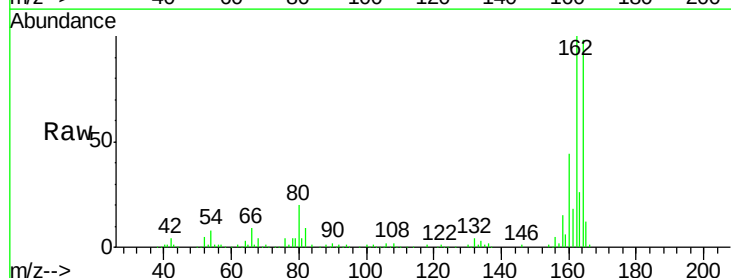
Tgt Ion:165 Resp: 21415

Ion Ratio Lower Upper

165 100

63 2.2 34.3 51.5#

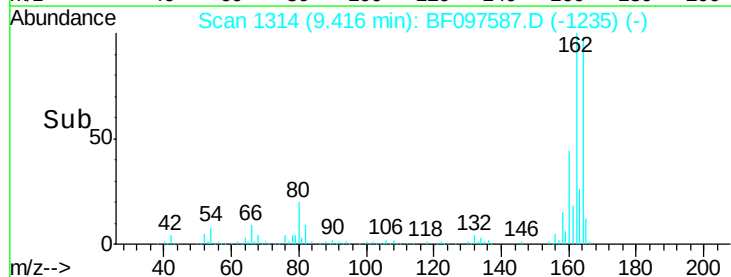
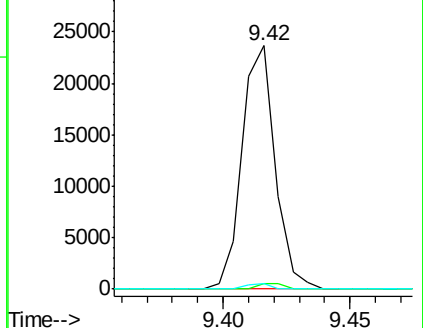
89 2.1 37.1 55.7#

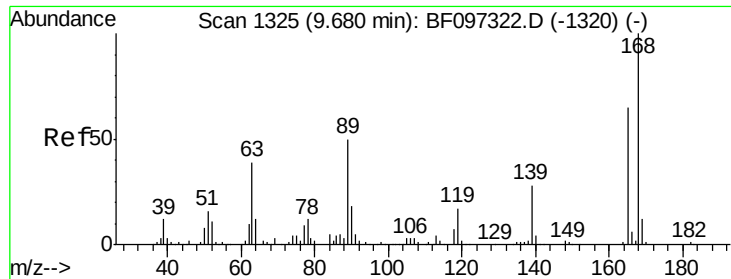


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.82 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.25 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

Tot Ion:165 Resp: 21415

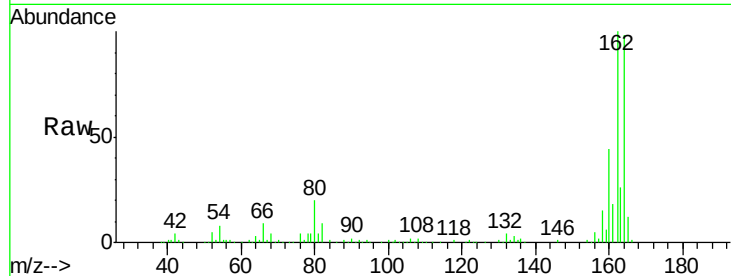
Ion Ratio Lower Upper

165 100

63 2.2 25.4 38.0#

89 2.1 46.4 69.6#

182 0.0 1.8 2.6#

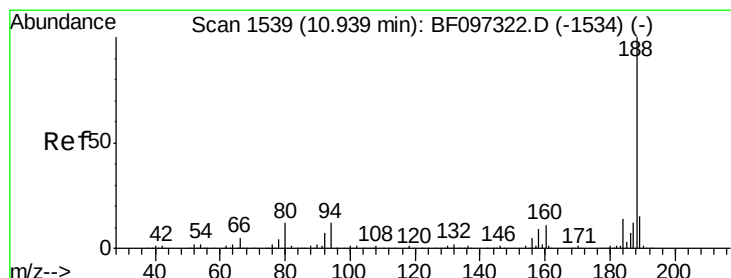
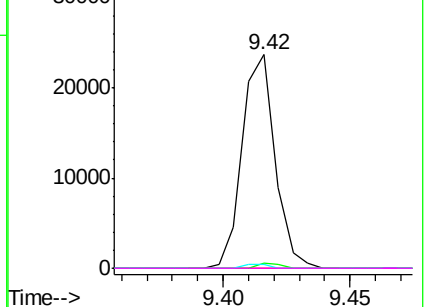
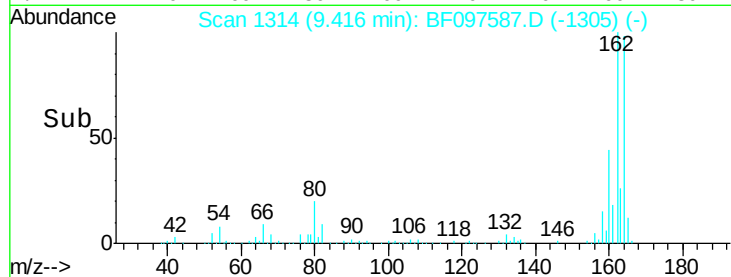


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.89 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

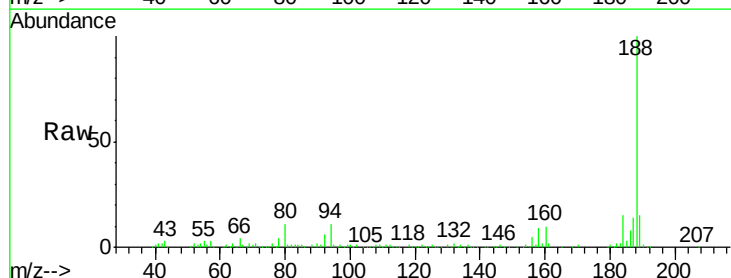
Tgt Ion:188 Resp: 225125

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

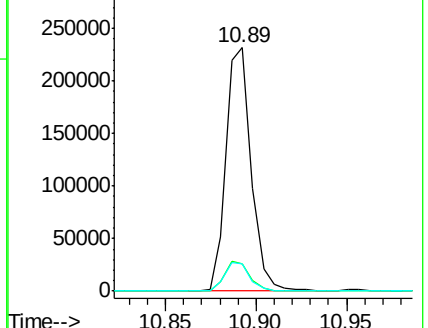
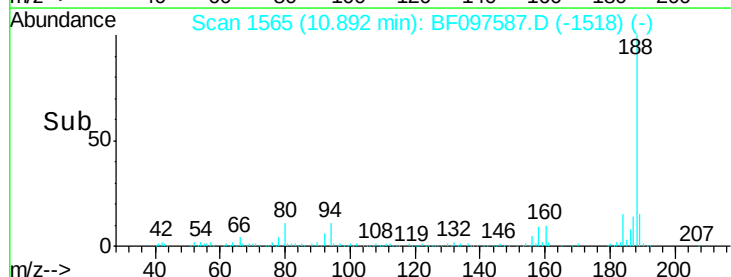
80 11.4 10.2 15.2

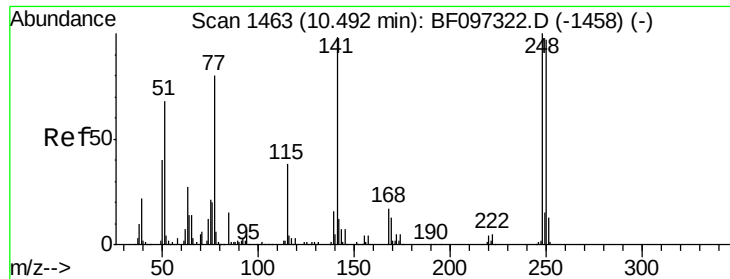


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

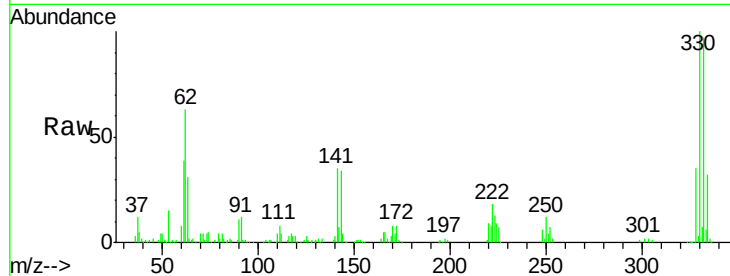




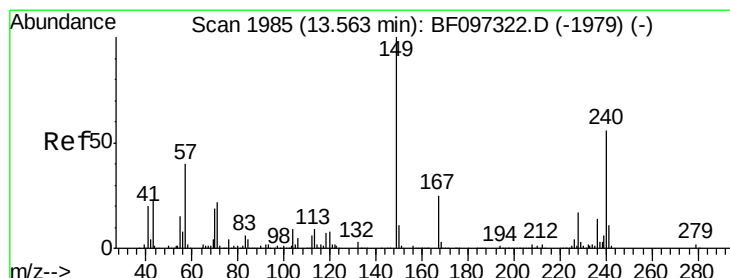
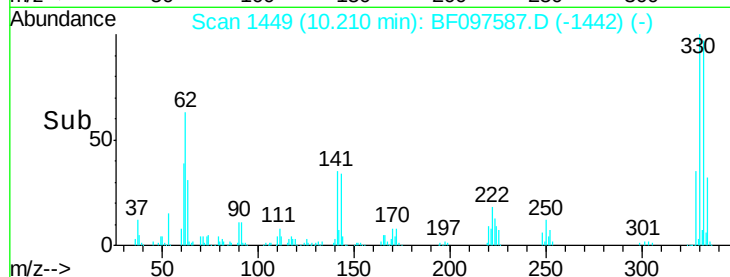
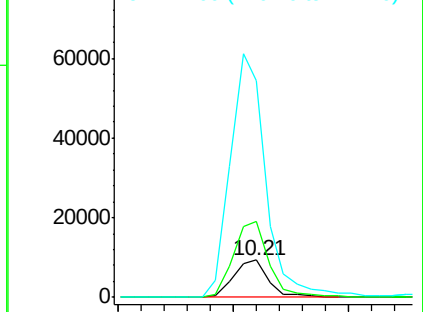
#66
 4-Bromophenyl-phenylether
 Concen: 4.32 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.26 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:248 Resp: 9698
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.8 115.2#
 141 578.3 68.6 103.0#

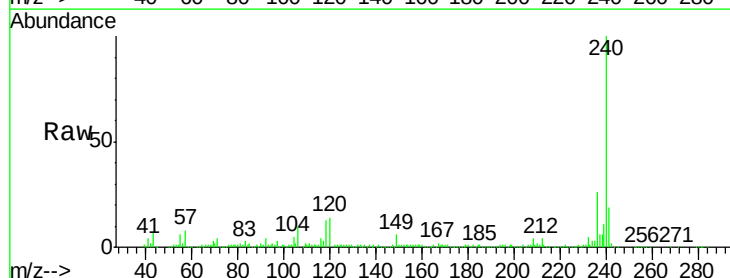


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

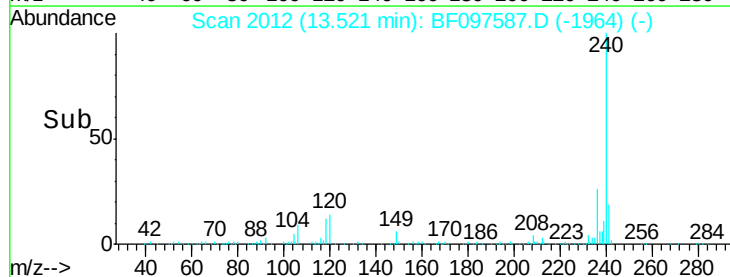
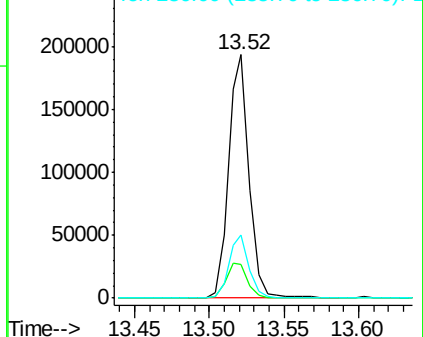


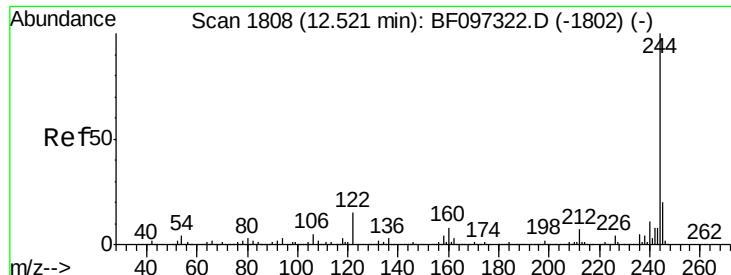
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.52 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF097587.D
 Acq: 11 Aug 2017 5:31

Tgt Ion:240 Resp: 185462
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 25.8 20.5 30.7



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: 54.40 ng

RT: 12.47 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

Instrument :

BNA_F

ClientSampleId :

DSN001

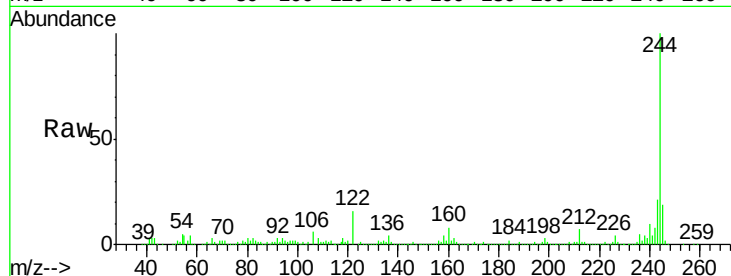
Tot Ion:244 Resp: 494834

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

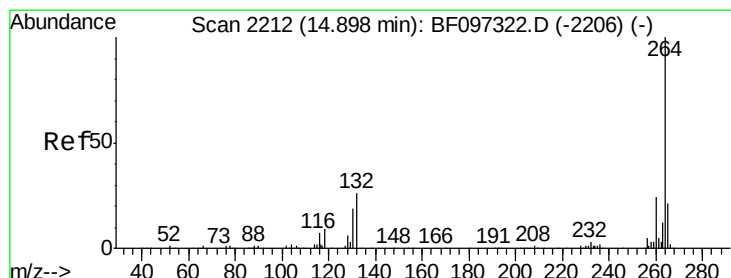
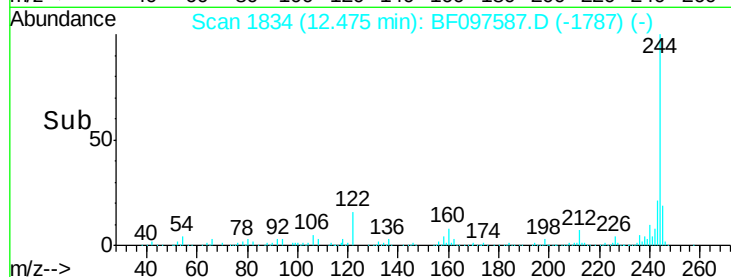
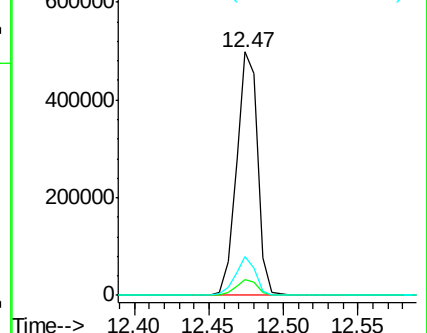
122 16.1 10.3 15.5#



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: 14.86 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF097587.D

Acq: 11 Aug 2017 5:31

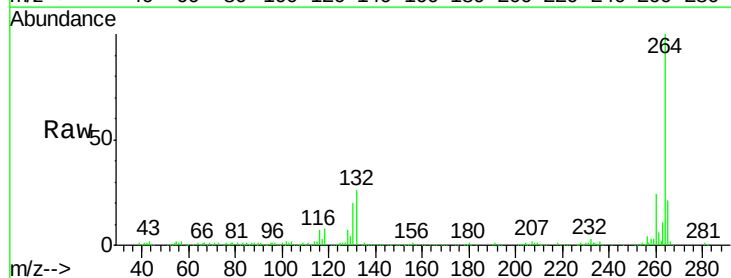
Tgt Ion:264 Resp: 156153

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.3 17.2 25.8



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

