

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096655.D
 Acq On : 11 Jul 2017 20:18
 Operator : SJ/JU
 Sample : I4115-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jul 12 01:13:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

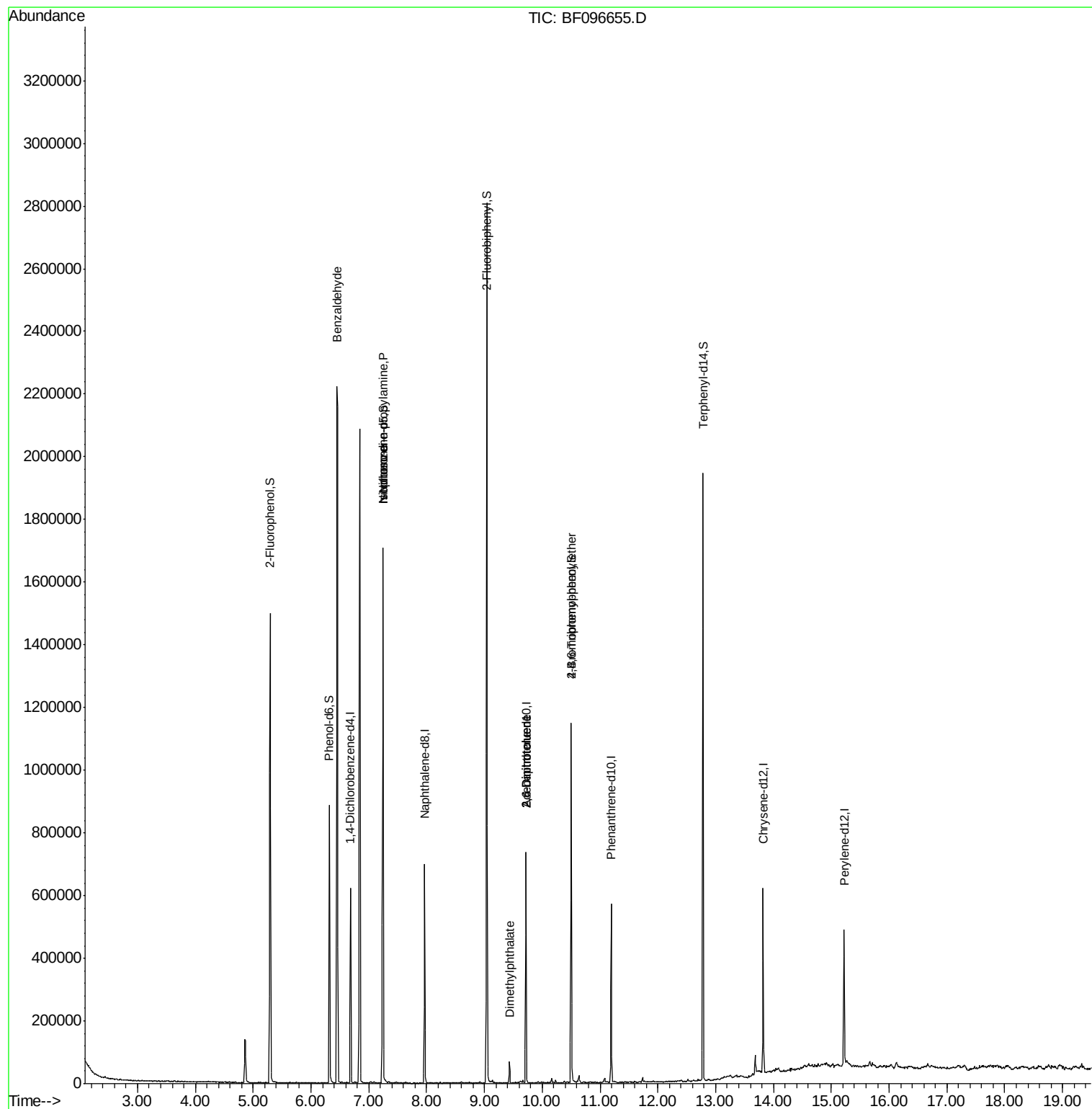
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95726	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	339442	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	137123	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	198275	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	189412	20.00	ng	-0.02
86) Perylene-d12	15.22	264	171125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	394507	60.83	ng	-0.02
7) Phenol-d6	6.32	99	284037	35.62	ng	-0.03
23) Nitrobenzene-d5	7.25	82	545105	96.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	133861	124.98	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	886811	110.58	ng	-0.02
78) Terphenyl-d14	12.78	244	572839	64.62	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.45	77	12662	2.538	ng	# 74
19) n-Nitroso-di-n-propylamine	7.25	70	72671	15.299	ng	# 87
25) Isophorone	7.25	82	539795	49.285	ng	# 67
49) Dimethylphthalate	9.43	163	25024	2.445	ng	100
50) 2,6-Dinitrotoluene	9.72	165	17927	7.920	ng	# 34
56) 2,4-Dinitrotoluene	9.72	165	17927	6.254	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	8934	4.629	ng	# 1

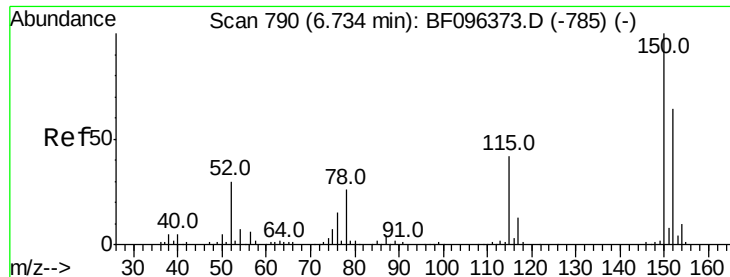
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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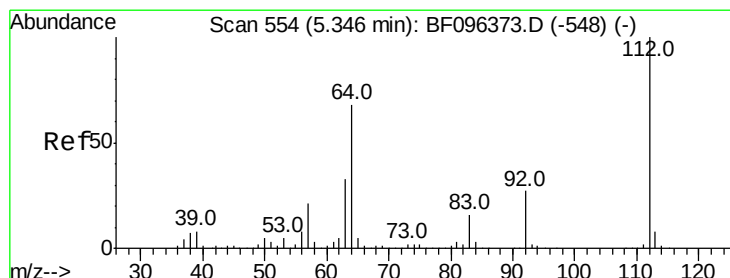
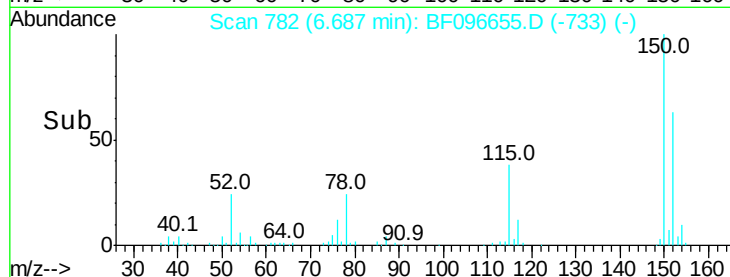
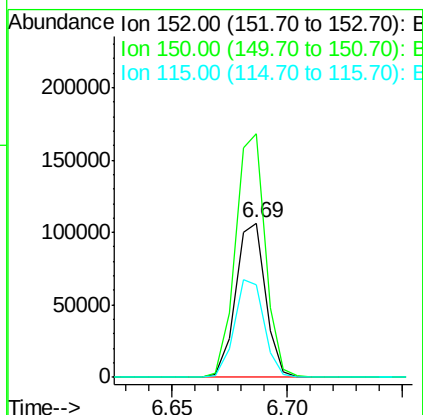
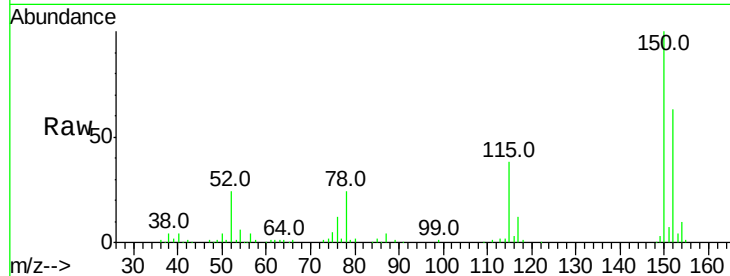


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

Instrument :
BNA_F
ClientSampleId :
DSN001

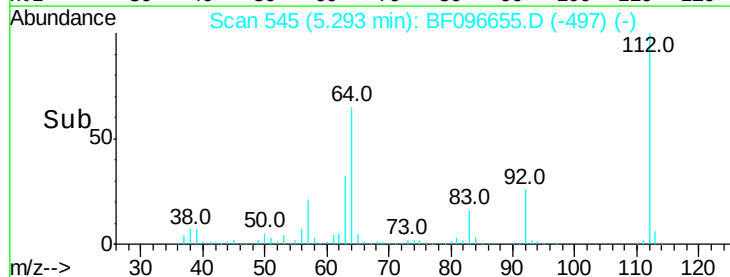
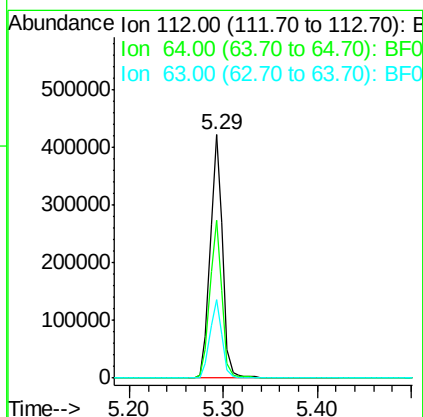
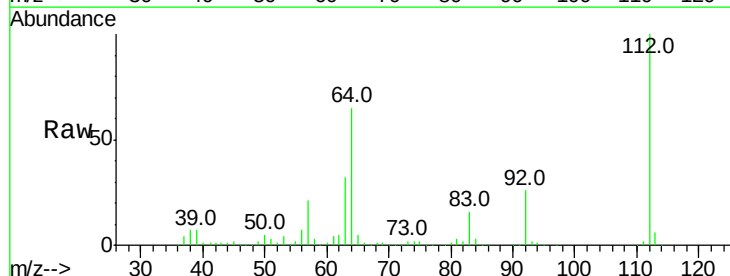
Tot Ion:152 Resp: 95726
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 59.9 52.2 78.2

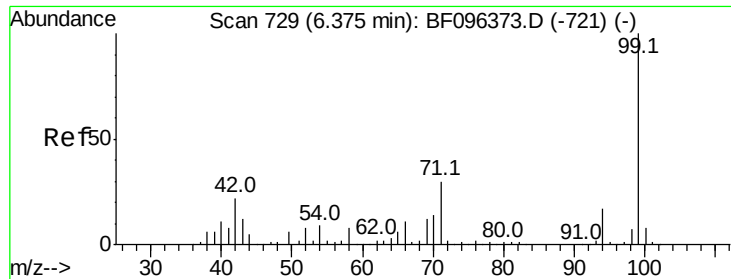


#5

2-Fluorophenol
Concen: 60.828 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

Tgt Ion:112 Resp: 394507
Ion Ratio Lower Upper
112 100
64 64.7 46.0 69.0
63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 35.624 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

Instrument :

BNA_F

ClientSampleId :

DSN001

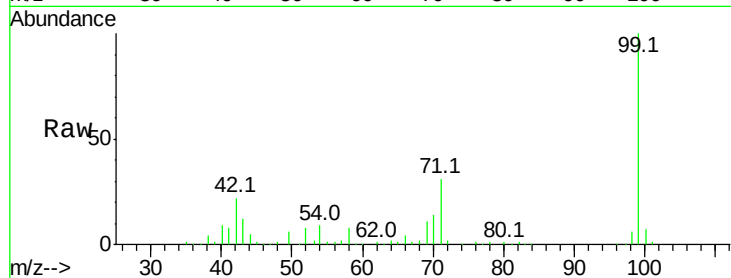
Tot Ion: 99 Resp: 284037

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

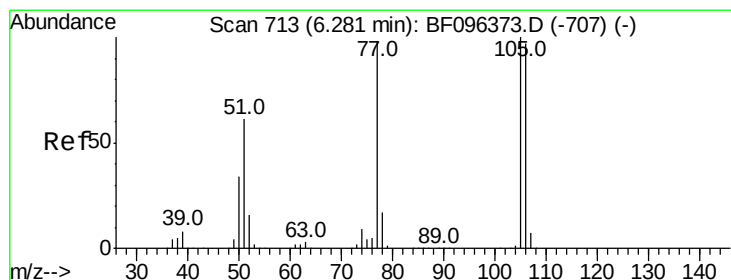
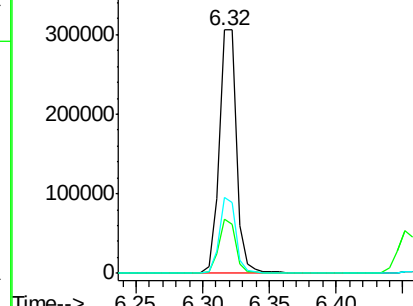
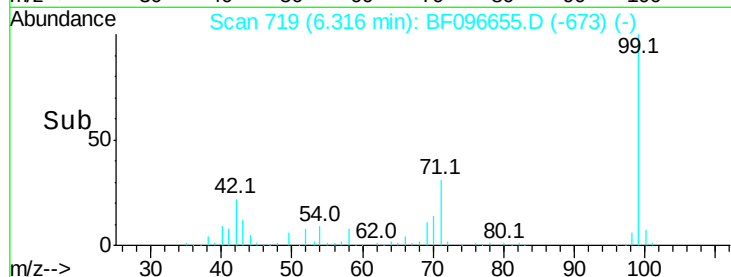
71 31.1 24.5 36.7



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: 2.538 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.21 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

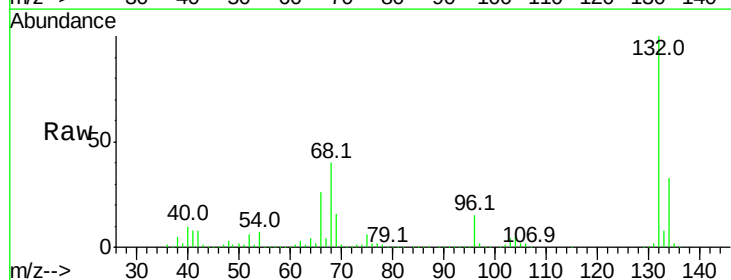
Tgt Ion: 77 Resp: 12662

Ion Ratio Lower Upper

77 100

105 77.9 83.8 123.8#

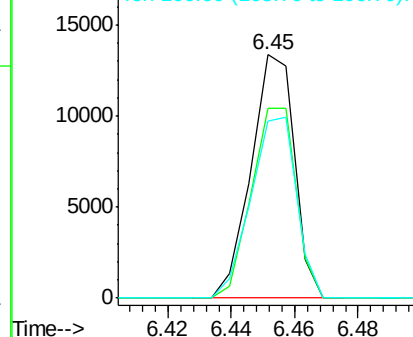
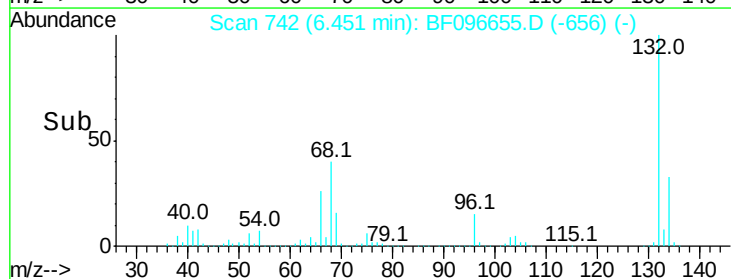
106 72.5 79.1 119.1#

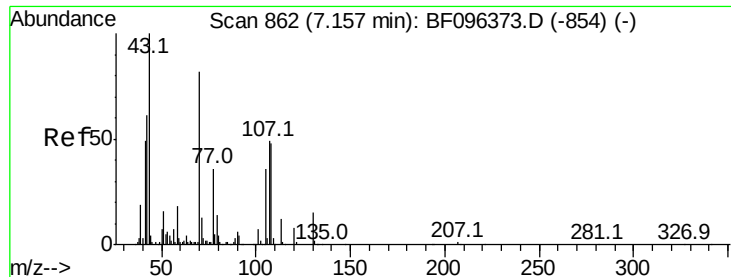


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

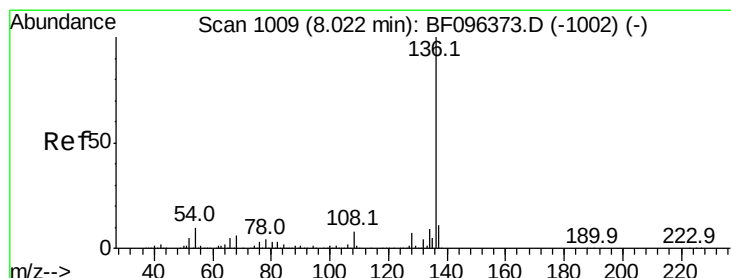
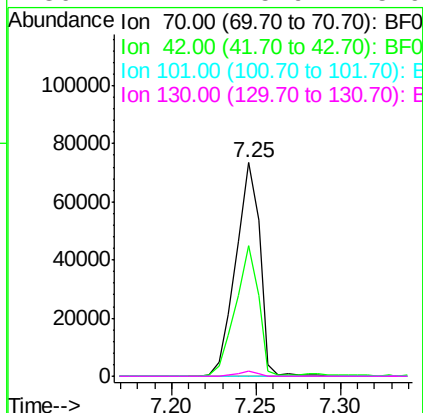
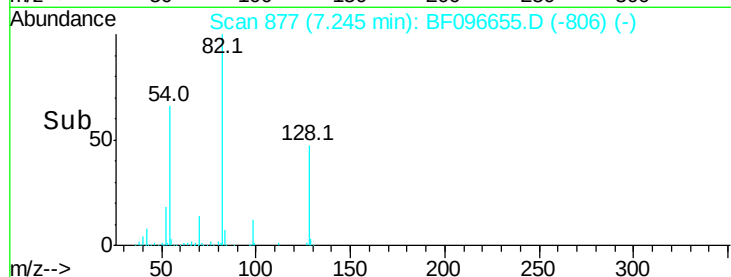
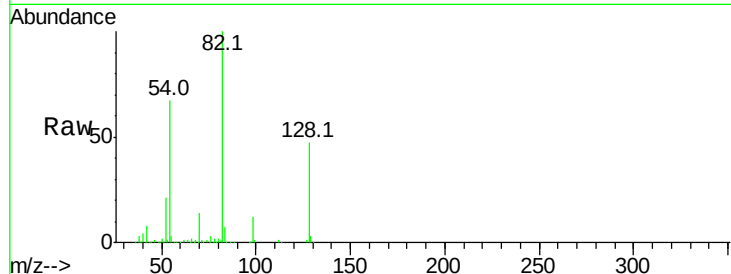




#19
n-Nitroso-di-n-propylamine
Concen: 15.299 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.12 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

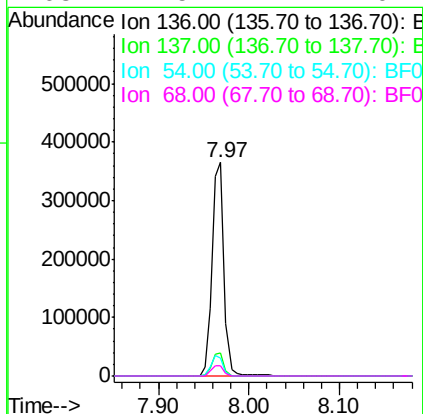
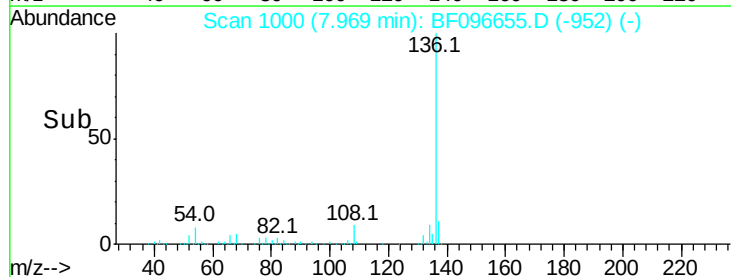
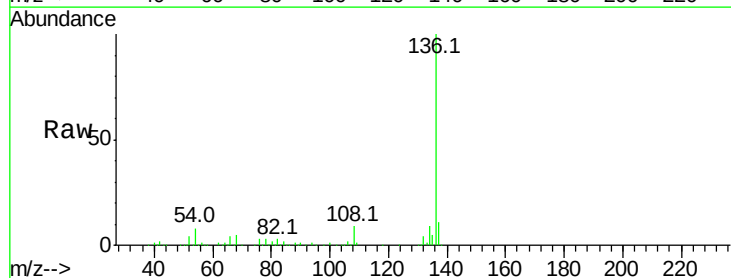
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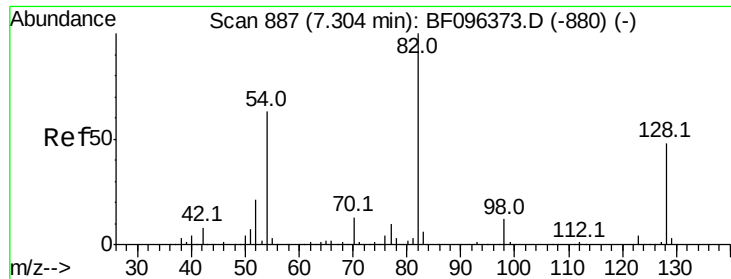
Tot Ion: 70 Resp: 72671
Ion Ratio Lower Upper
70 100
42 61.0 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

Tgt Ion: 136 Resp: 339442
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.4 4.9 7.3#
68 4.5 4.1 6.1

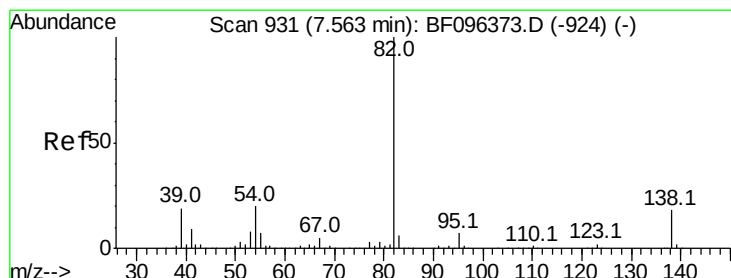
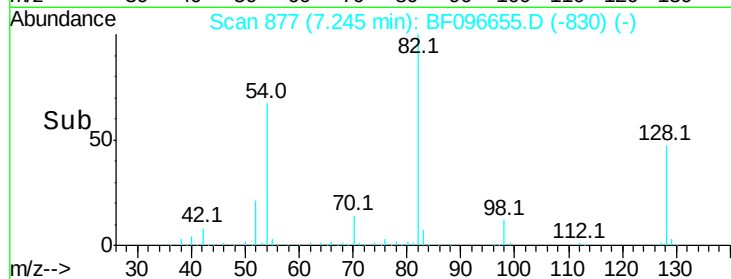
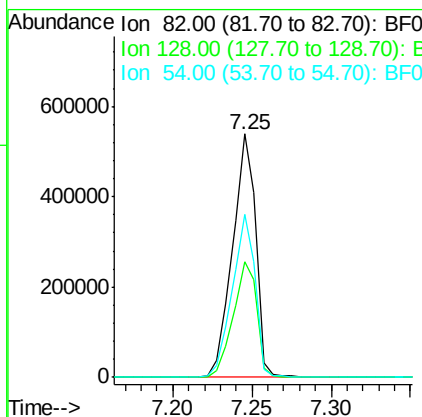
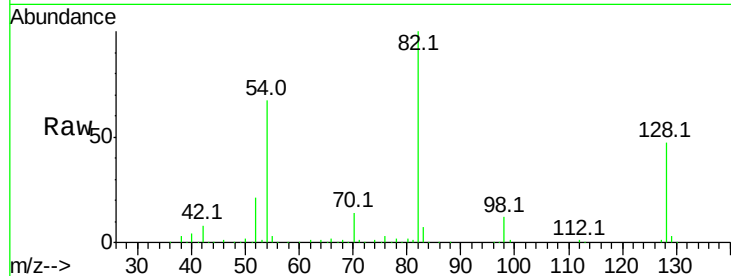




#23
Nitrobenzene-d5
Concen: 96.499 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

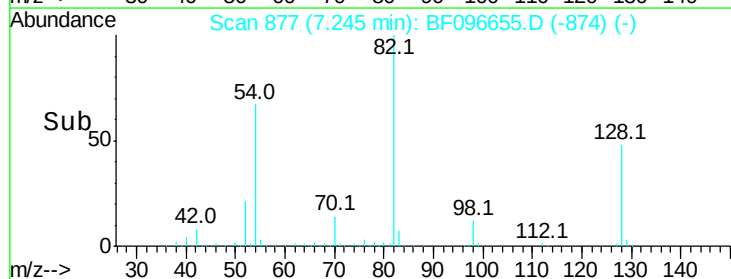
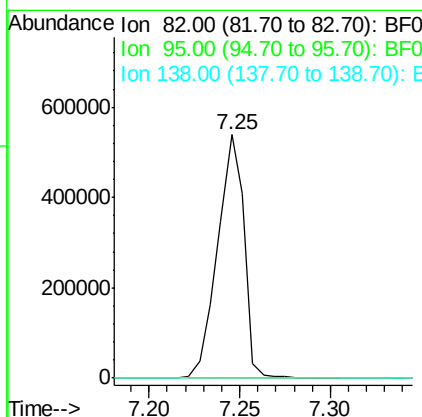
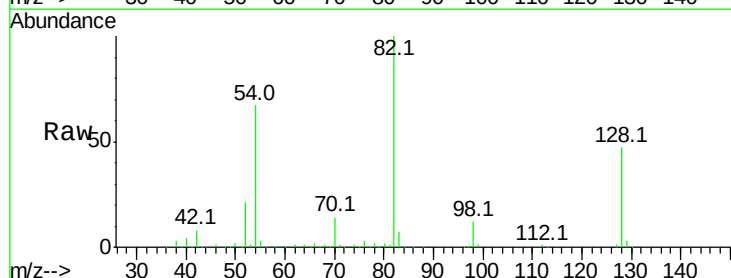
Instrument :
BNA_F
ClientSampleId :
DSN001

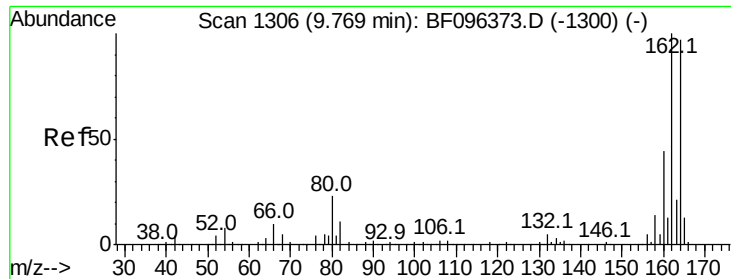
Tot Ion: 82 Resp: 545105
Ion Ratio Lower Upper
82 100
128 47.3 34.0 51.0
54 67.1 42.2 63.2#



#25
Isophorone
Concen: 49.285 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

Tgt Ion: 82 Resp: 539795
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

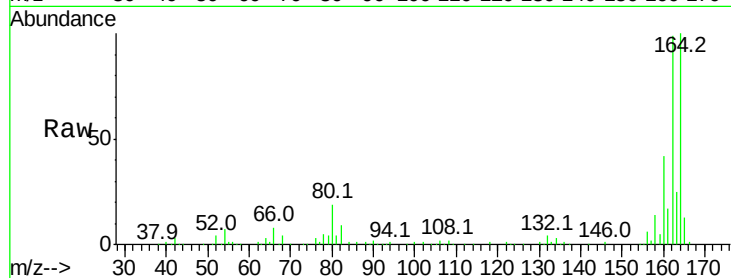




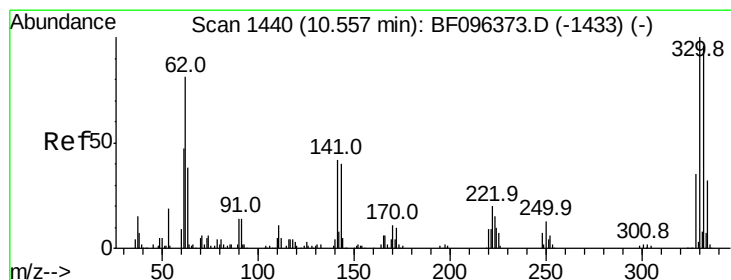
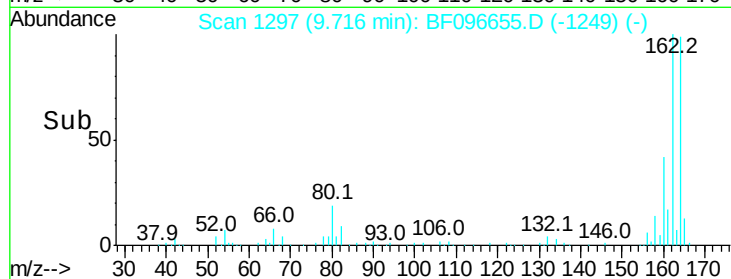
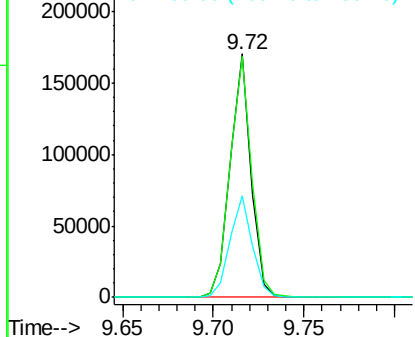
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096655.D
 Acq: 11 Jul 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:164 Resp: 137123
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.6 123.8
 160 41.5 36.2 54.2

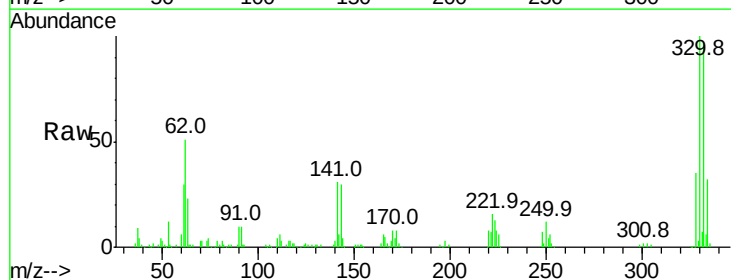


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

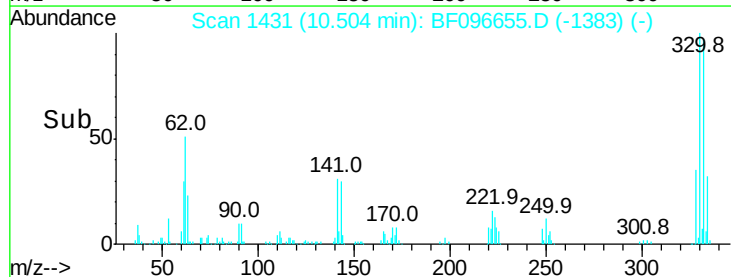
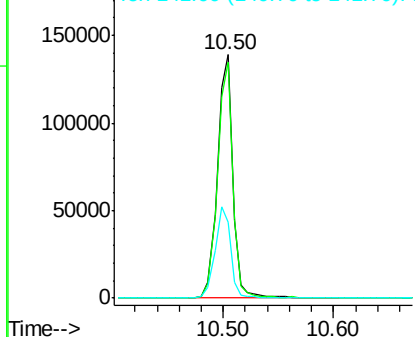


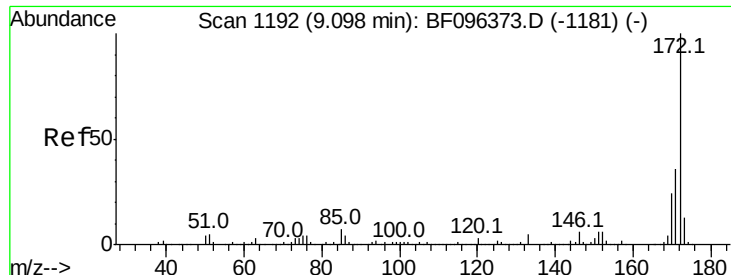
#41
 2,4,6-Tribromophenol
 Concen: 124.975 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096655.D
 Acq: 11 Jul 2017 20:18

Tgt Ion:330 Resp: 133861
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.2 31.4 47.2



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

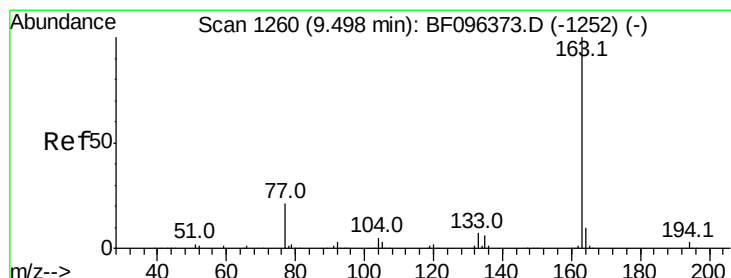
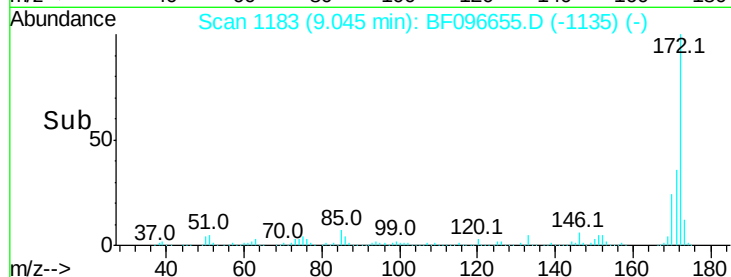
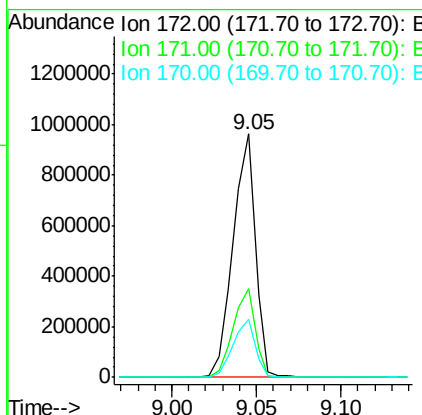
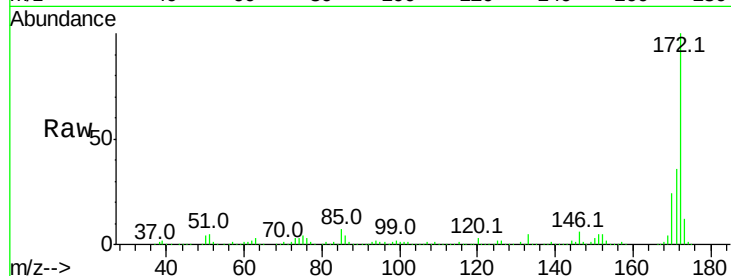




#44
2-Fluorobiphenyl
Concen: 110.576 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

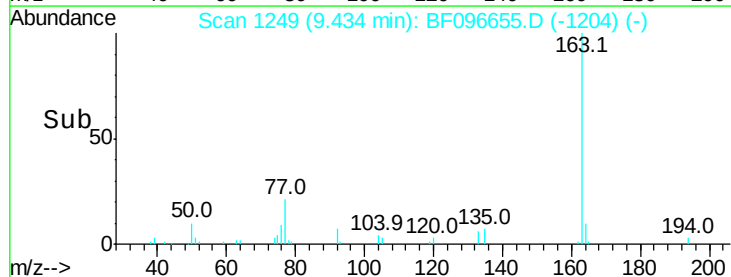
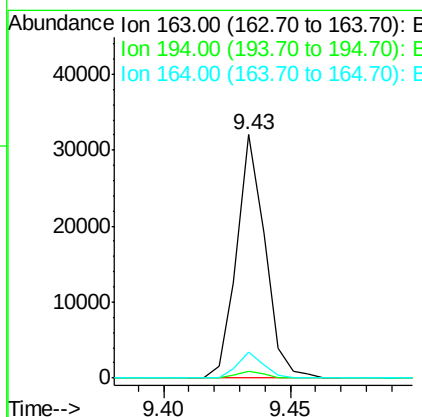
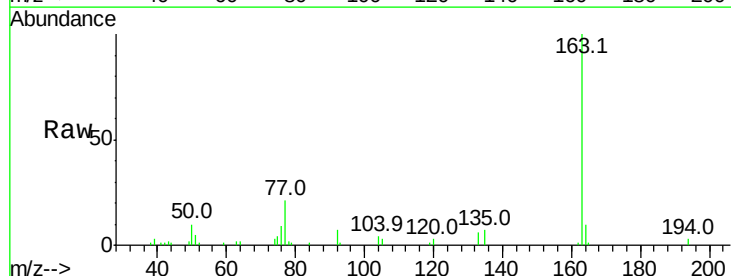
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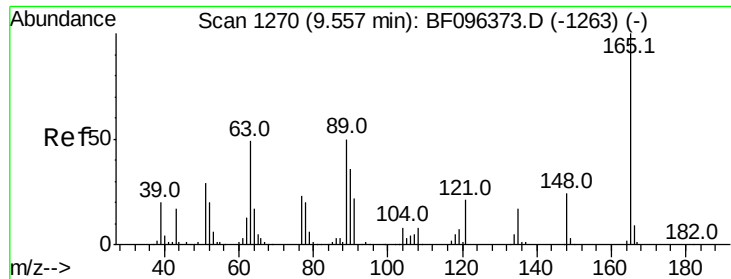
Tot Ion:172 Resp: 886811
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 2.445 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096655.D
Acq: 11 Jul 2017 20:18

Tgt Ion:163 Resp: 25024
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.5 8.4 12.6

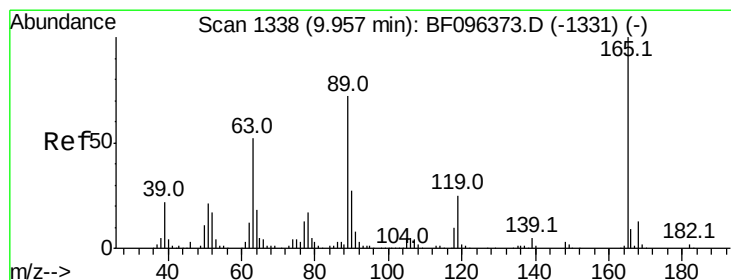
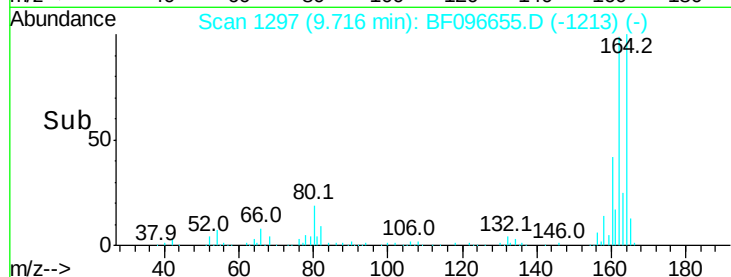
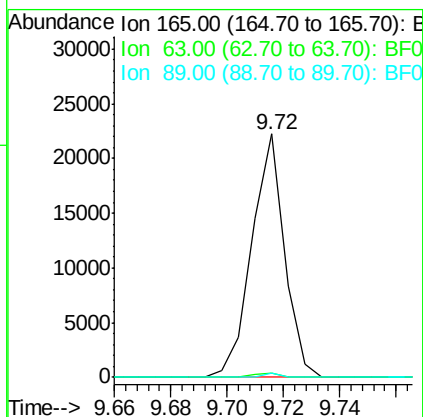
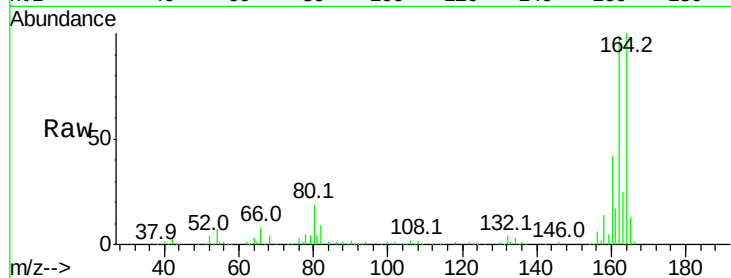




#50
 2,6-Dinitrotoluene
 Concen: 7.920 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.19 min
 Lab File: BF096655.D
 Acq: 11 Jul 2017 20:18

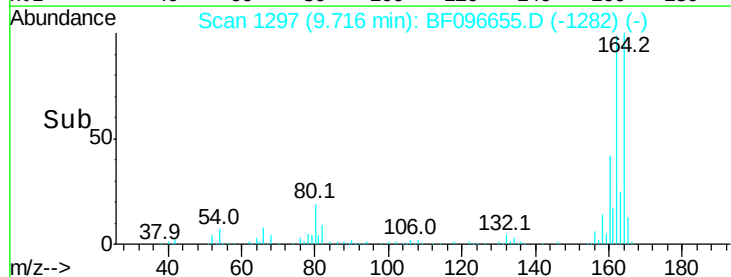
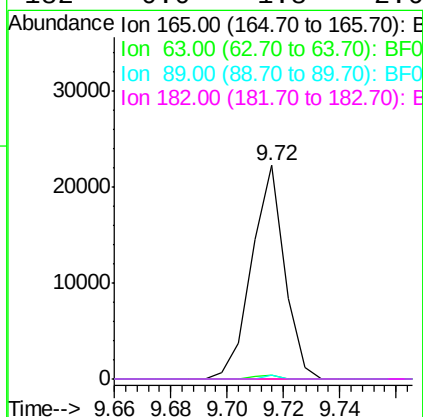
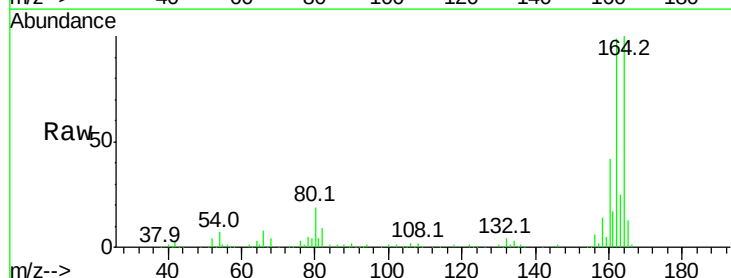
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

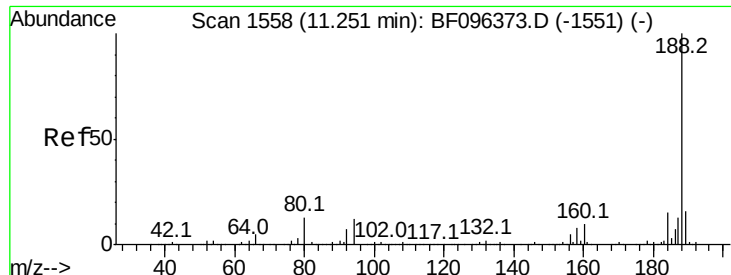
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.254 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096655.D
 Acq: 11 Jul 2017 20:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

Instrument :

BNA_F

ClientSampleId :

DSN001

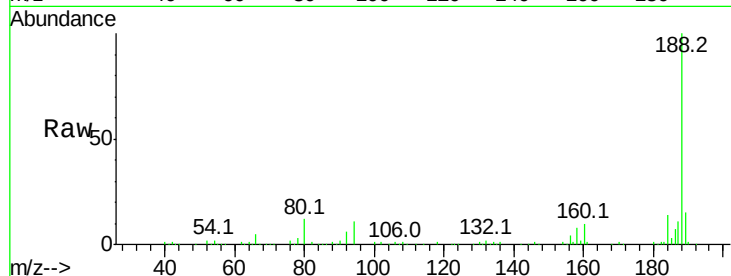
Tot Ion:188 Resp: 198275

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

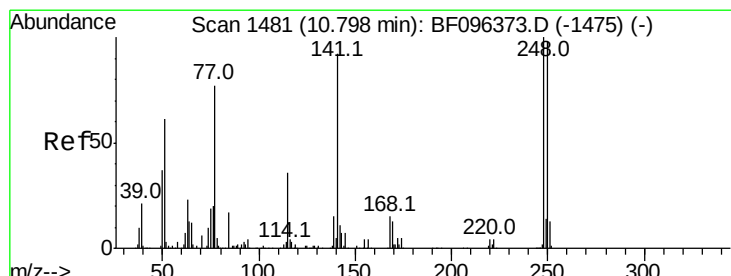
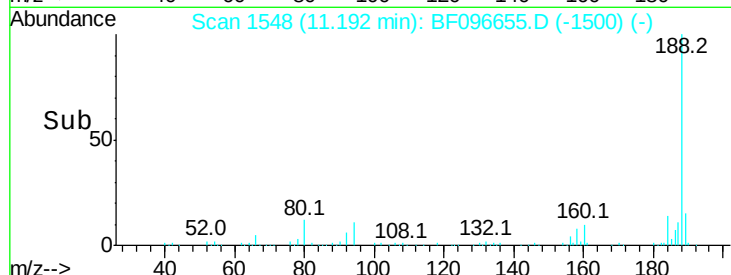
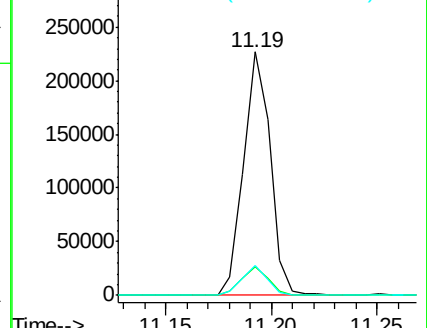
80 12.2 10.2 15.2



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: 4.629 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.26 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

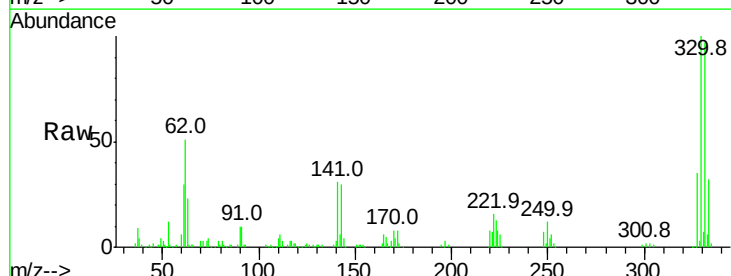
Tgt Ion:248 Resp: 8934

Ion Ratio Lower Upper

248 100

250 184.5 76.8 115.2#

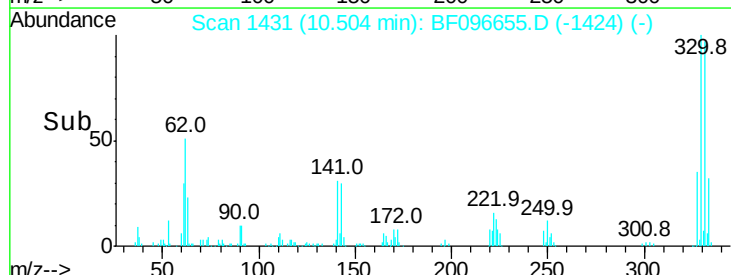
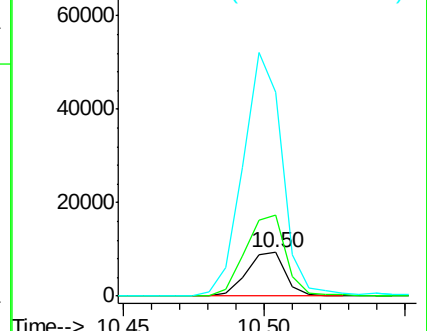
141 465.0 68.6 103.0#

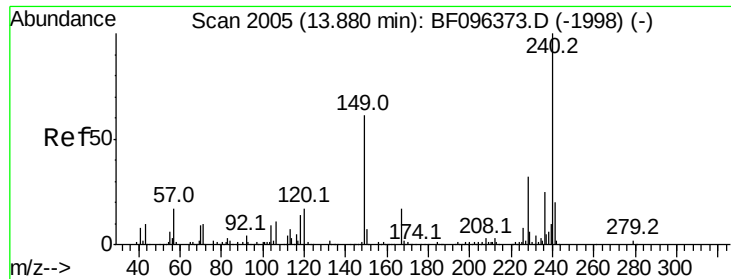


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

Instrument :

BNA_F

ClientSampleId :

DSN001

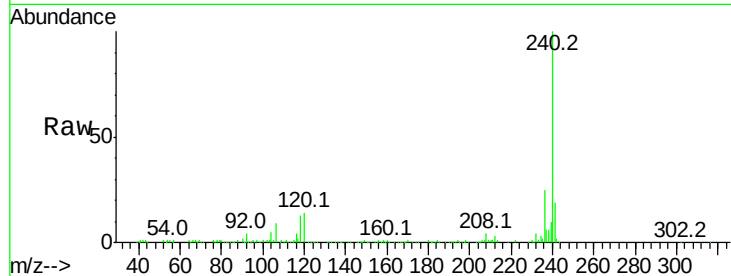
Tot Ion:240 Resp: 189412

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

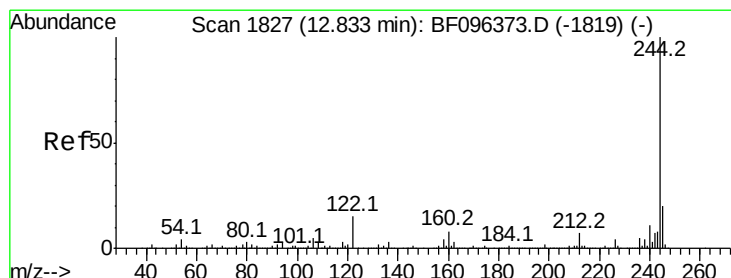
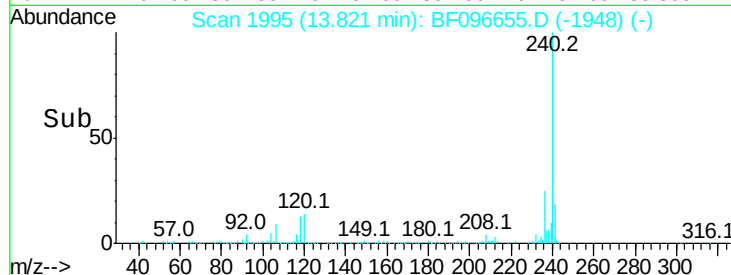
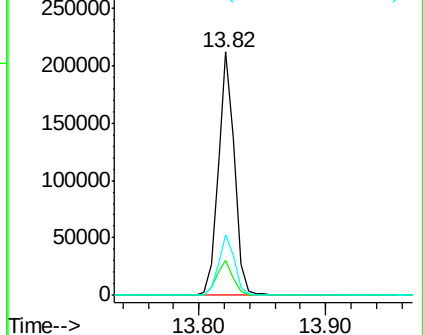
236 24.9 20.5 30.7



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: 64.624 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096655.D

Acq: 11 Jul 2017 20:18

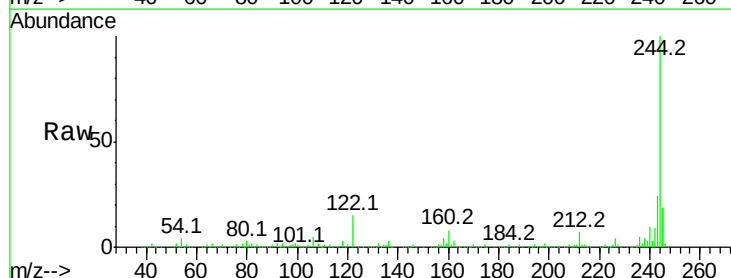
Tgt Ion:244 Resp: 572839

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

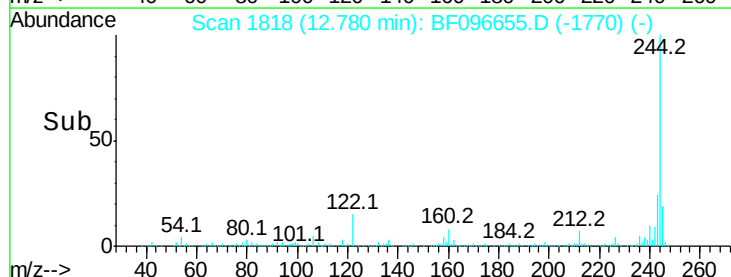
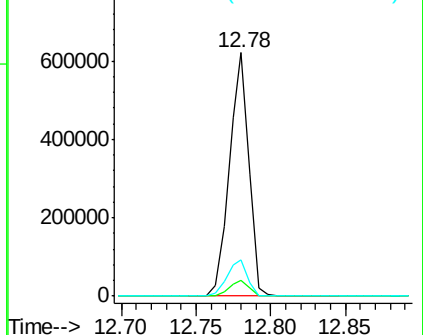
122 14.9 10.3 15.5

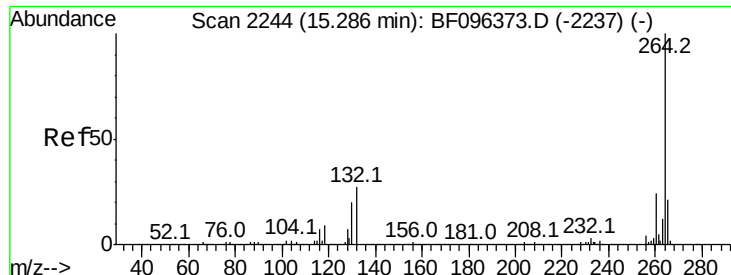


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

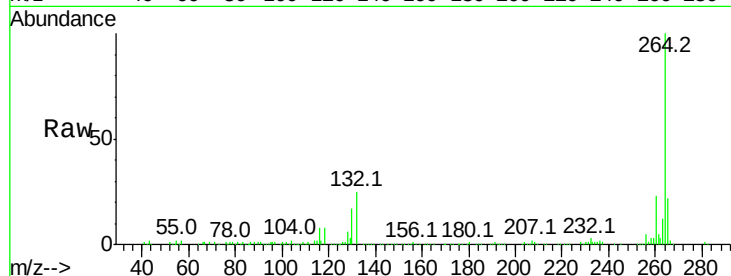




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096655.D
 Acq: 11 Jul 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.8	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

