

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096673.D
 Acq On : 12 Jul 2017 5:37
 Operator : SJ/JU
 Sample : I4130-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-BASE

Quant Time: Jul 12 06:56:51 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	107600	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	358777	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	149768	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	216361	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	221885	20.00	ng	-0.02
86) Perylene-d12	15.22	264	159225	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	730507	100.21	ng	-0.01
7) Phenol-d6	6.33	99	853503	95.23	ng	-0.02
23) Nitrobenzene-d5	7.25	82	436801	73.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	104640	89.45	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	650014	74.21	ng	-0.02
78) Terphenyl-d14	12.78	244	426487	41.07	ng	-0.02

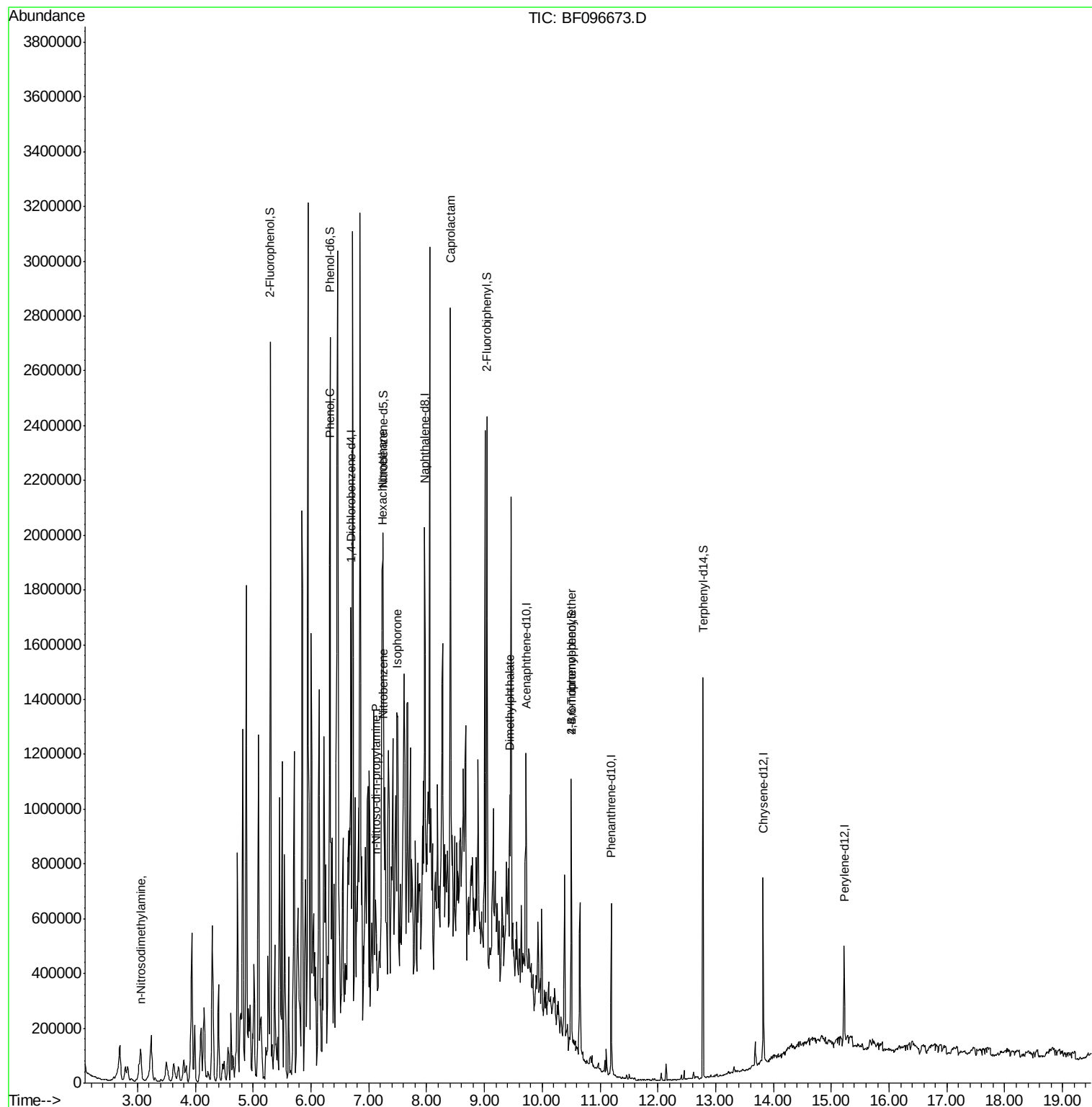
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.05	42	20810	4.445	ng	# 1
10) Phenol	6.34	94	24538	2.403	ng	# 94
18) Hexachloroethane	7.23	117	49652	16.810	ng	# 1
19) n-Nitroso-di-n-propylamine	7.12	70	18367	3.440	ng	# 77
24) Nitrobenzene	7.26	77	12566	2.006	ng	# 39
25) Isophorone	7.50	82	37834	3.268	ng	# 1
35) Caprolactam	8.41	113	43575	25.946	ng	# 1
49) Dimethylphthalate	9.44	163	189068	16.911	ng	# 98
66) 4-Bromophenyl-phenylether	10.50	248	6460	3.067	ng	# 1

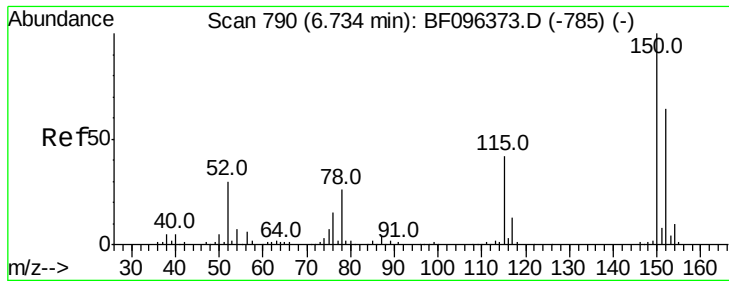
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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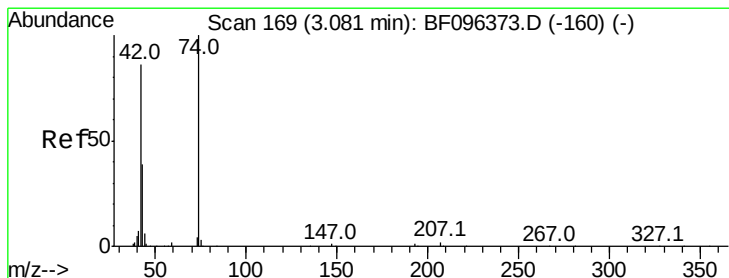
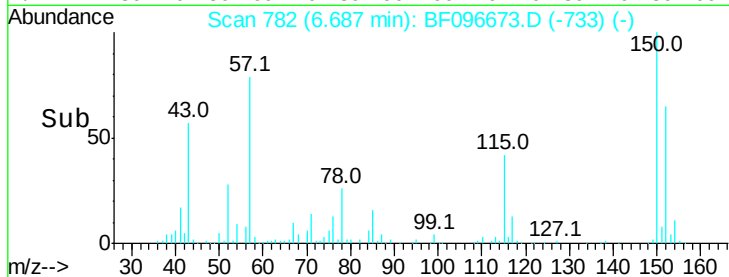
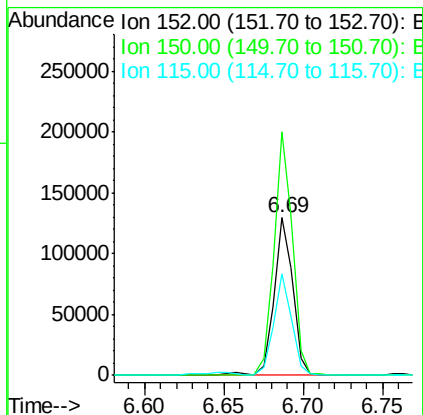
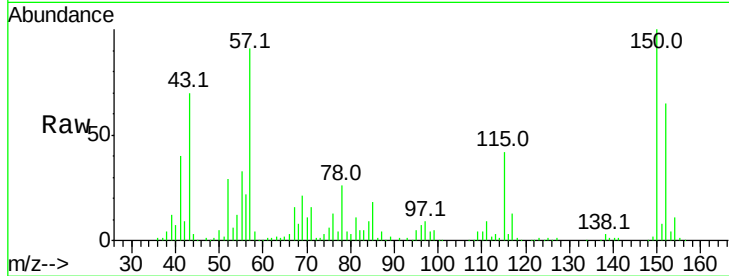


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

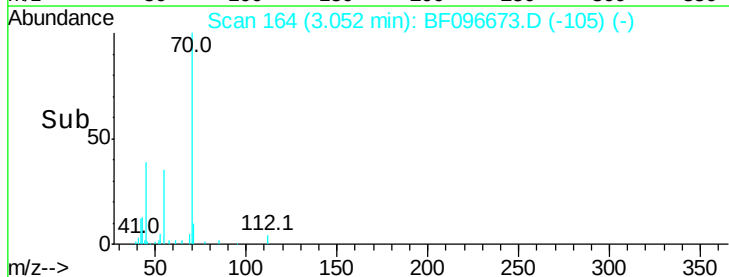
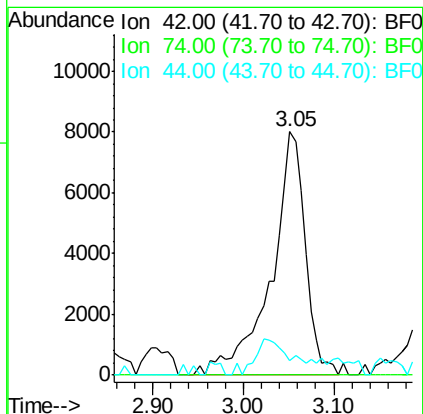
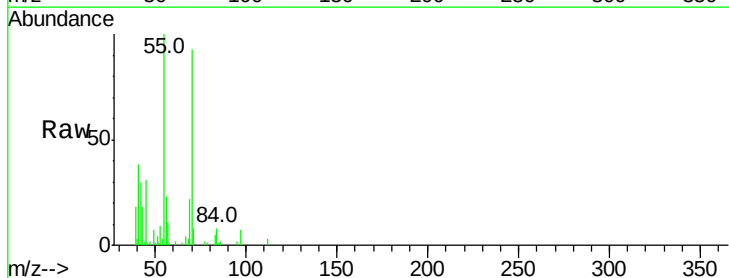
Tot Ion:152 Resp: 107600
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 64.5 52.2 78.2

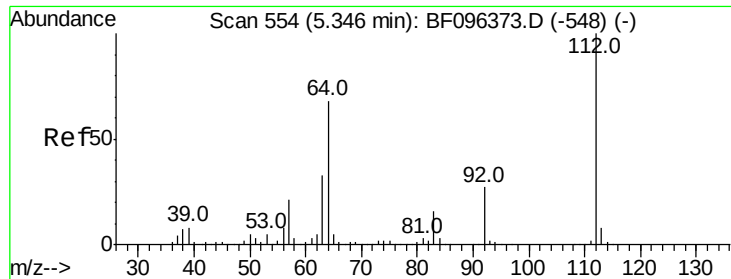


#4

n-Nitrosodimethylamine
Concen: 4.445 ng
RT: 3.05 min Scan# 164
Delta R.T. 0.05 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion: 42 Resp: 20810
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 5.7 5.7 8.5





#5

2-Fluorophenol

Concen: 100.205 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

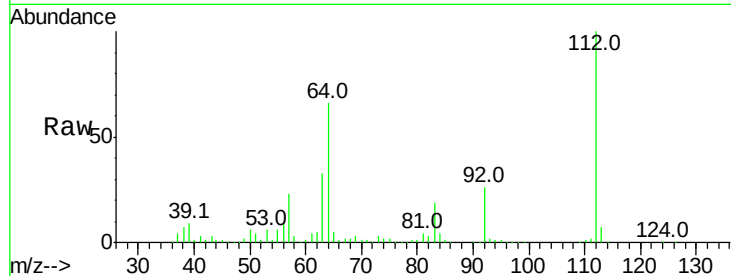
Tot Ion:112 Resp: 730507

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

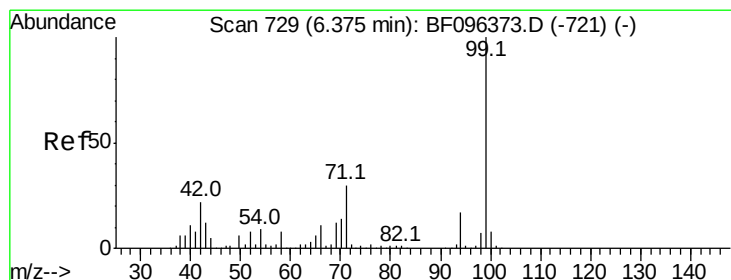
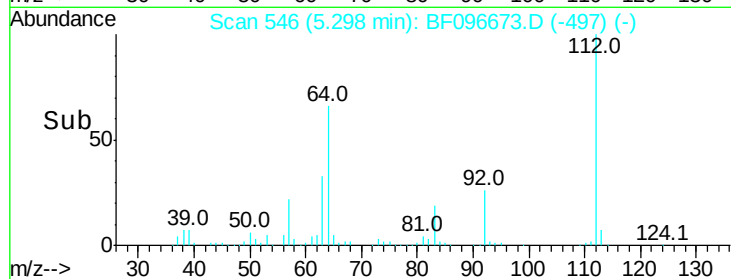
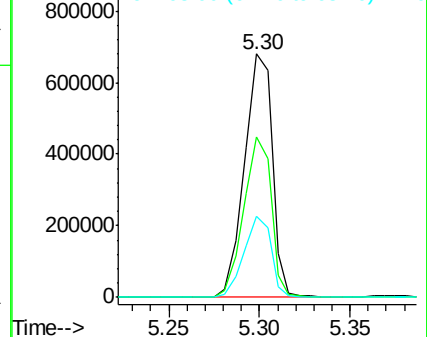
63 33.4 23.4 35.0



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: 95.233 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

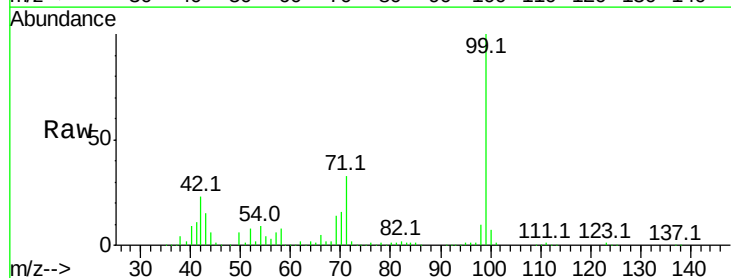
Tgt Ion: 99 Resp: 853503

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

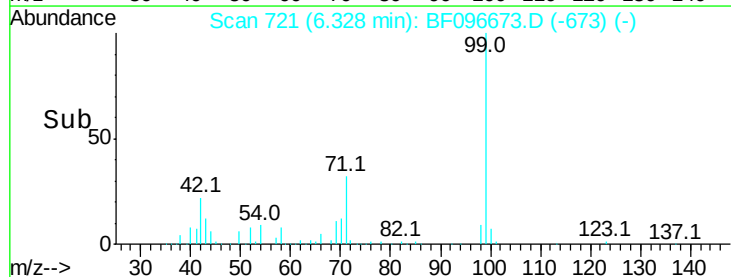
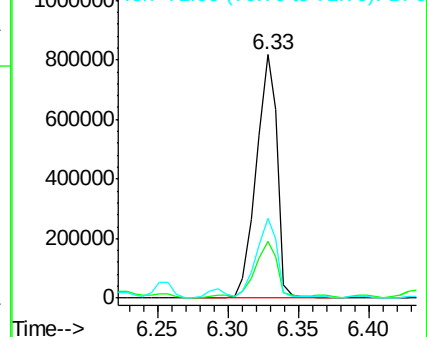
71 33.0 24.5 36.7

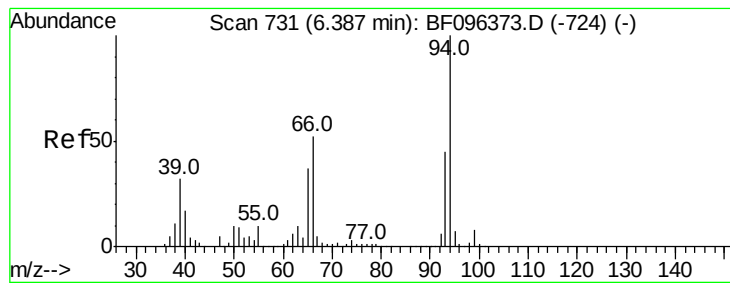


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.403 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

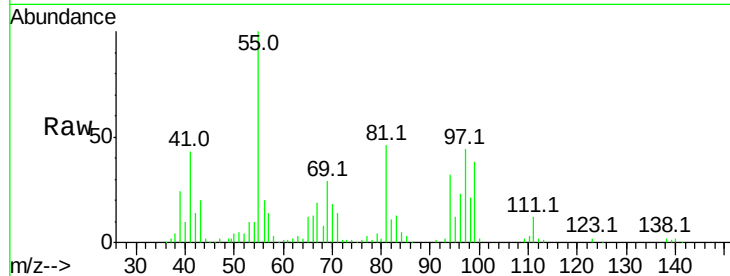
Tot Ion: 94 Resp: 24538

Ion Ratio Lower Upper

94 100

65 36.4 9.9 49.9

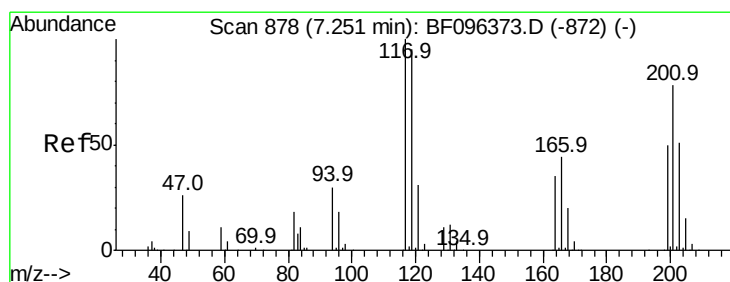
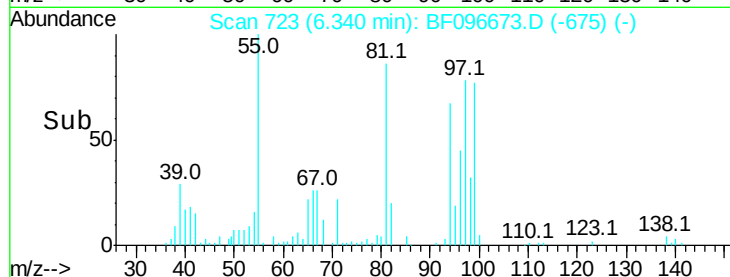
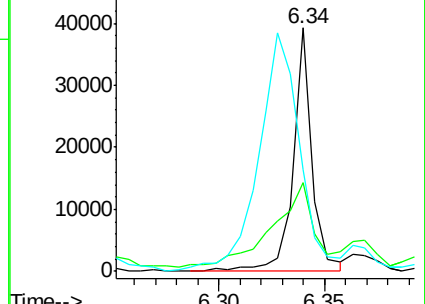
66 41.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#18

Hexachloroethane

Concen: 16.810 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

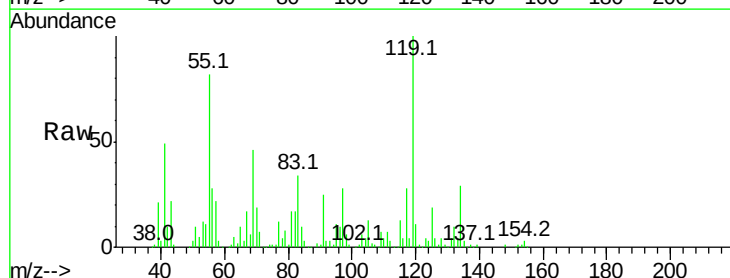
Tgt Ion: 117 Resp: 49652

Ion Ratio Lower Upper

117 100

119 361.4 77.4 116.0#

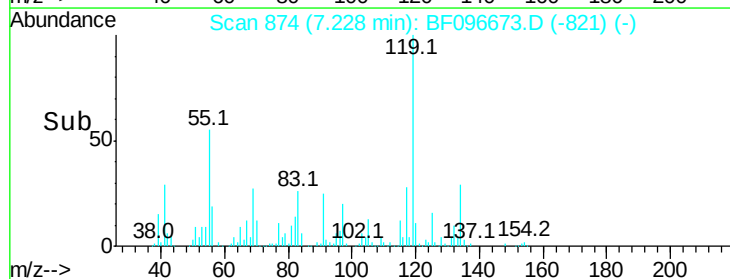
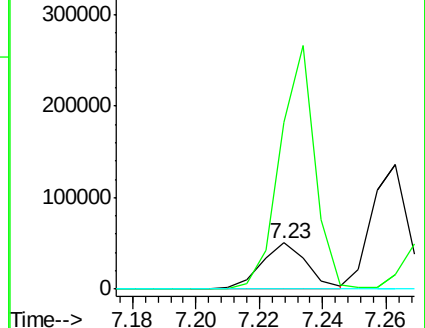
201 0.0 94.6 141.8#

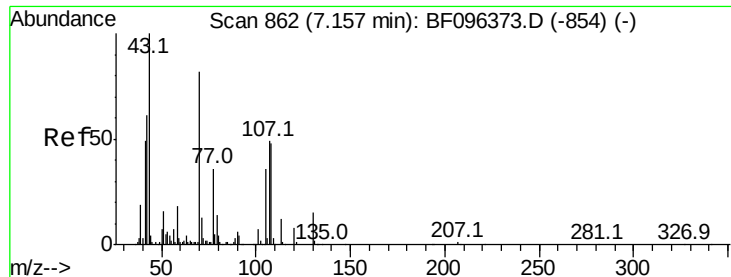


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

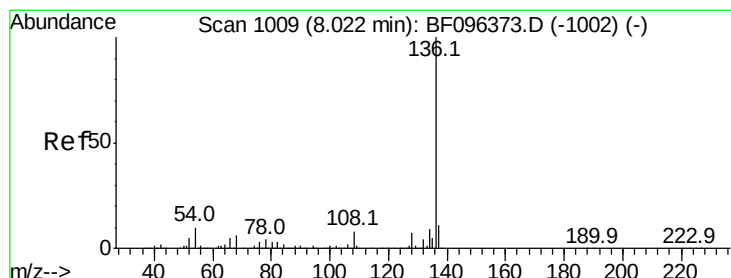
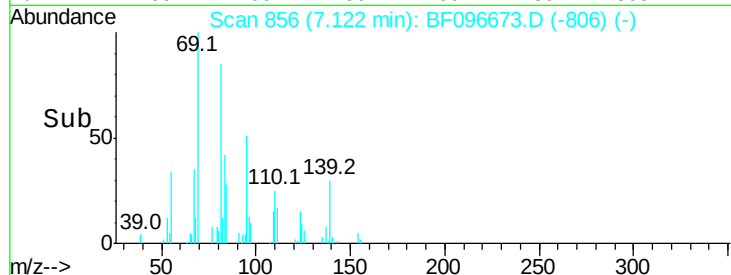
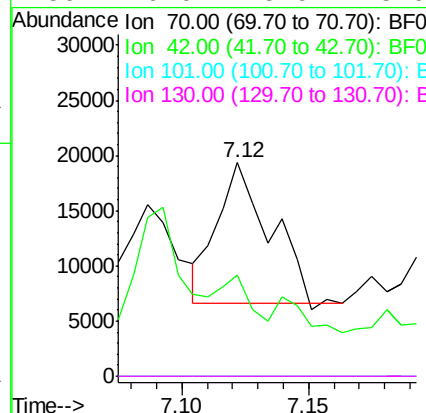
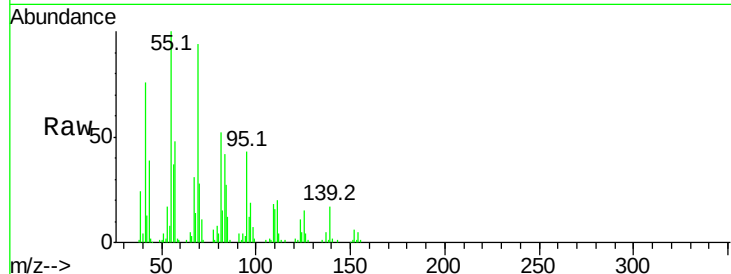




#19
n-Nitroso-di-n-propylamine
Concen: 3.440 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

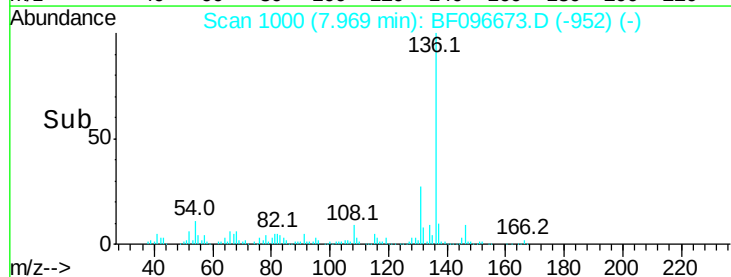
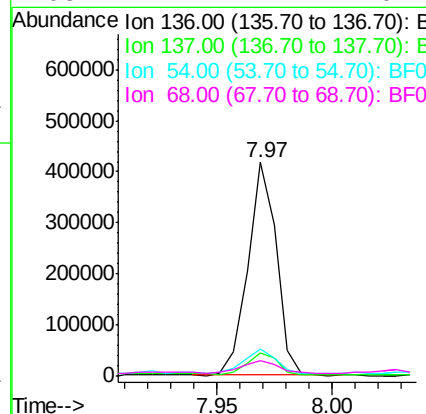
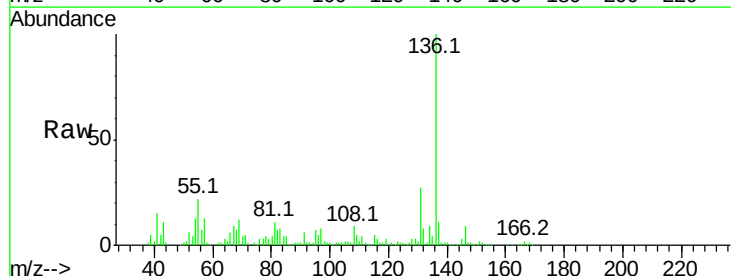
Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

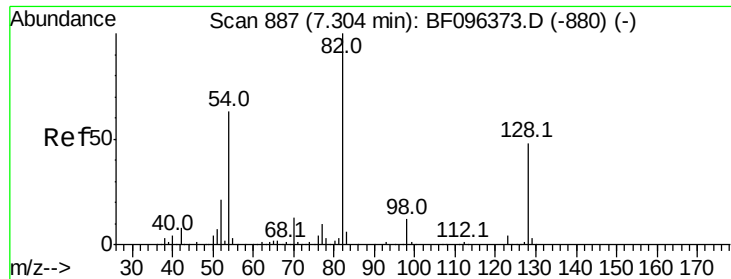
Tot Ion: 70 Resp: 18367
Ion Ratio Lower Upper
70 100
42 47.4 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:136 Resp: 358777
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 12.7 4.9 7.3#
68 7.1 4.1 6.1#

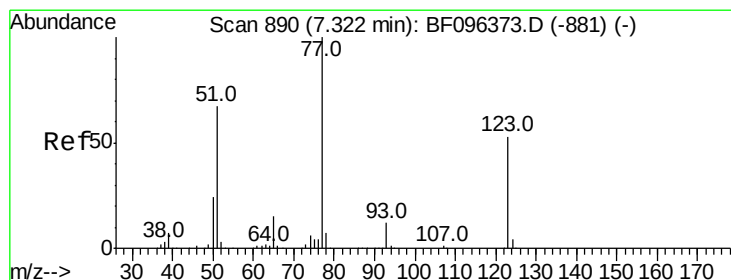
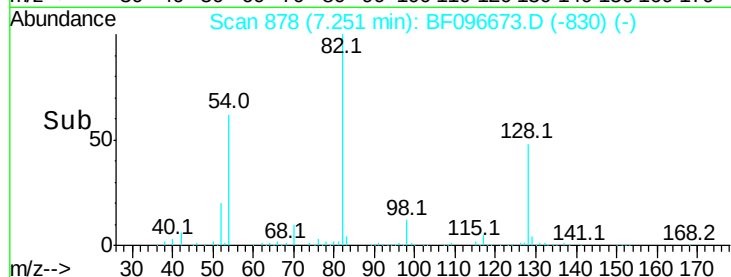
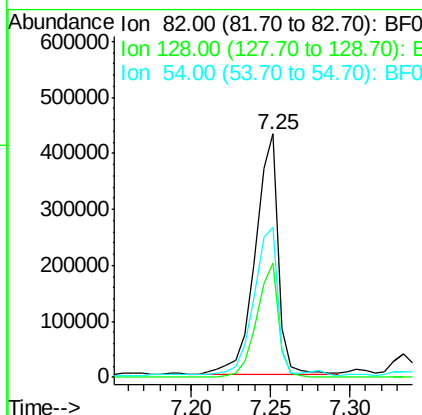
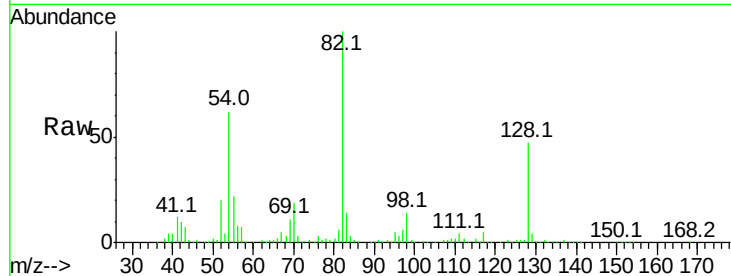




#23
 Nitrobenzene-d5
 Concen: 73.159 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

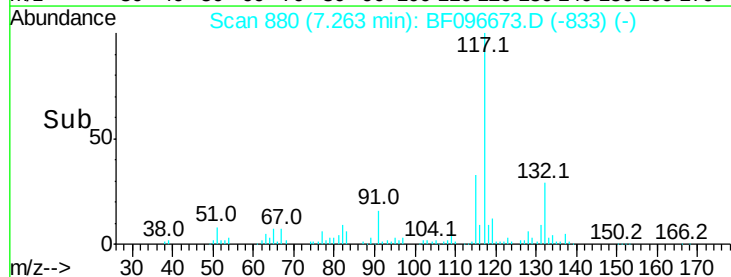
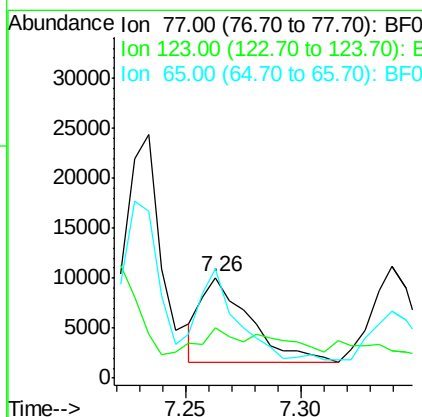
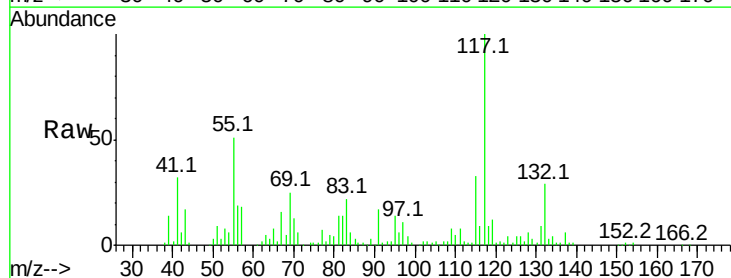
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS1-BASE

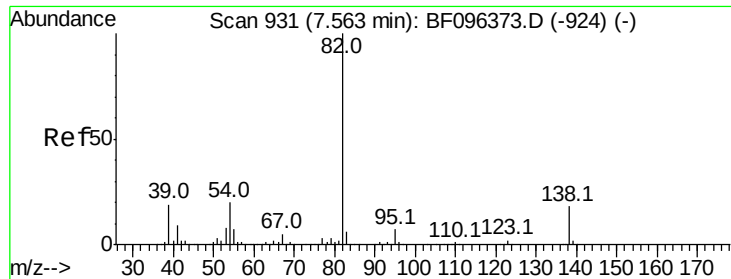
Tot Ion: 82 Resp: 436801
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 61.6 42.2 63.2



#24
 Nitrobenzene
 Concen: 2.006 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

Tgt Ion: 77 Resp: 12566
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 108.9 10.6 15.8#





#25

Isophorone

Concen: 3.268 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

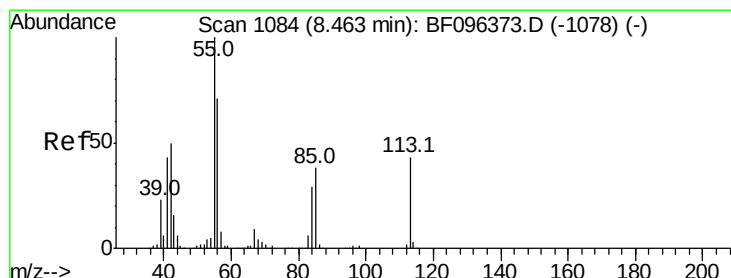
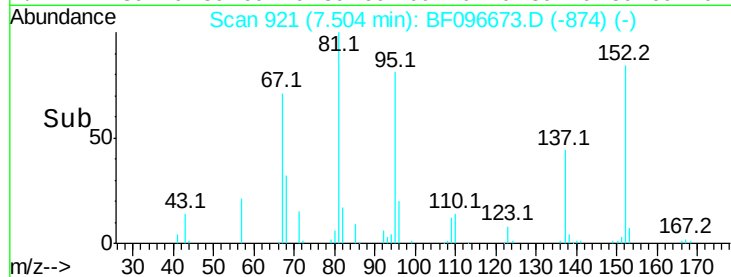
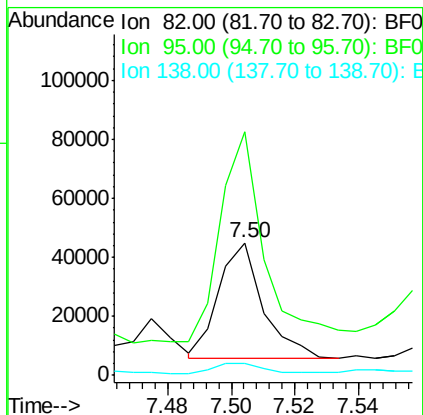
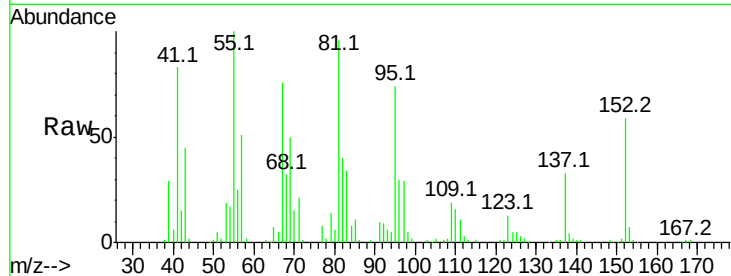
Tot Ion: 82 Resp: 37834

Ion Ratio Lower Upper

82 100

95 184.1 5.3 7.9#

138 8.8 13.1 19.7#



#35

Caprolactam

Concen: 25.946 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

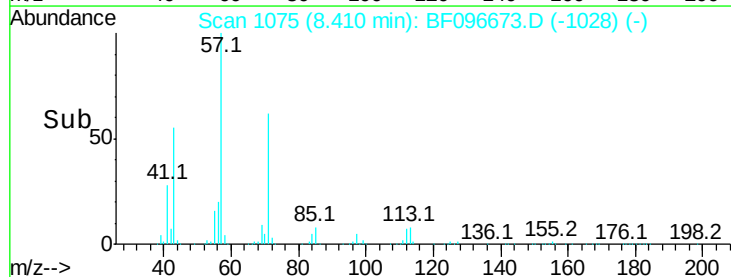
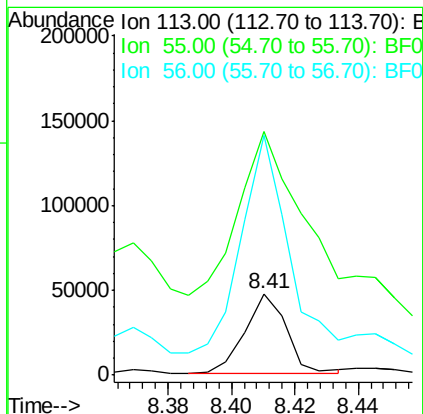
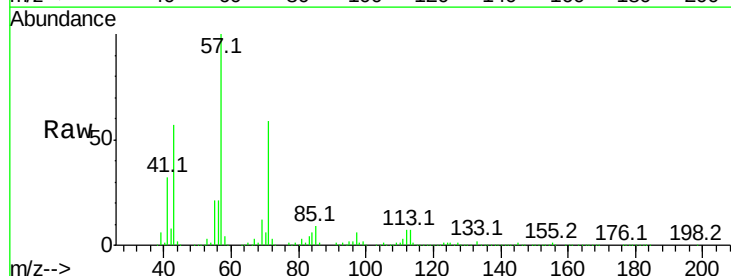
Tgt Ion: 113 Resp: 43575

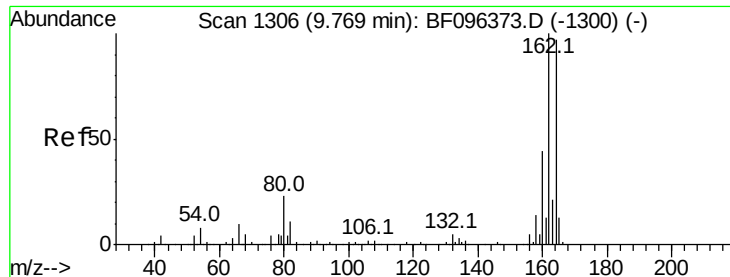
Ion Ratio Lower Upper

113 100

55 298.2 150.2 190.2#

56 293.2 107.8 147.8#

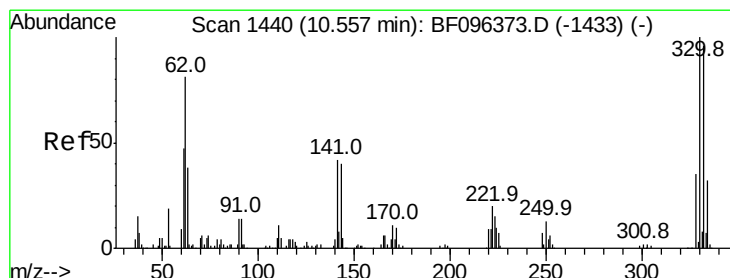
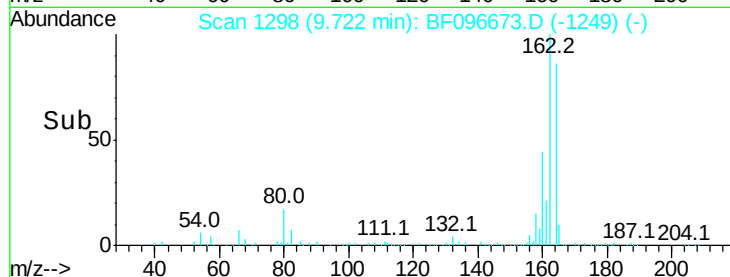
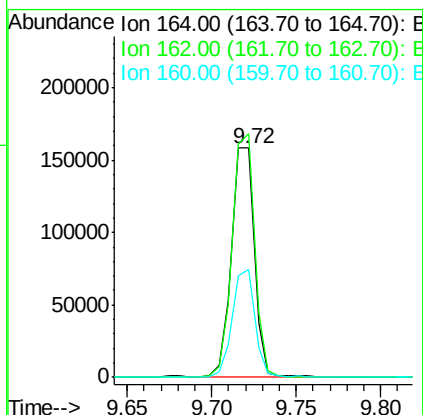
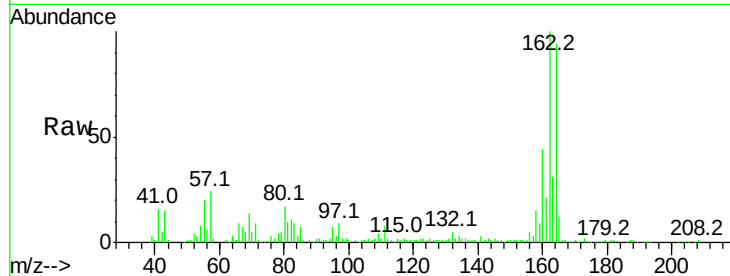




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

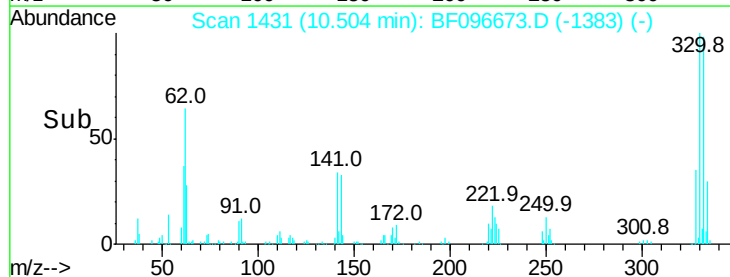
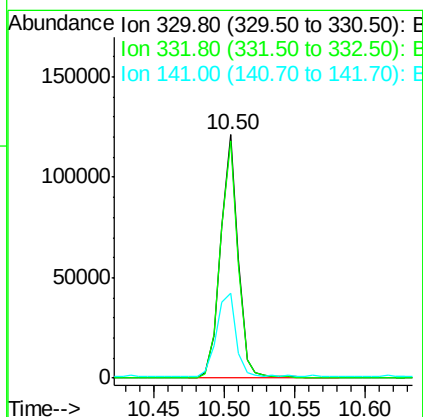
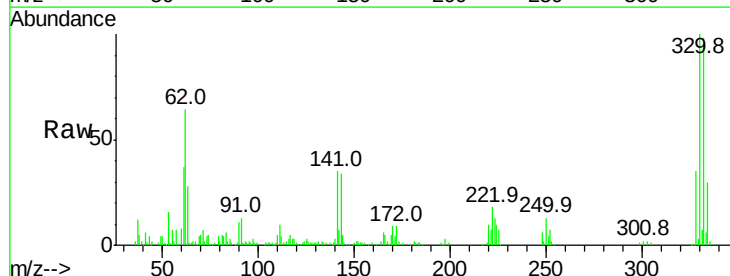
Instrument :
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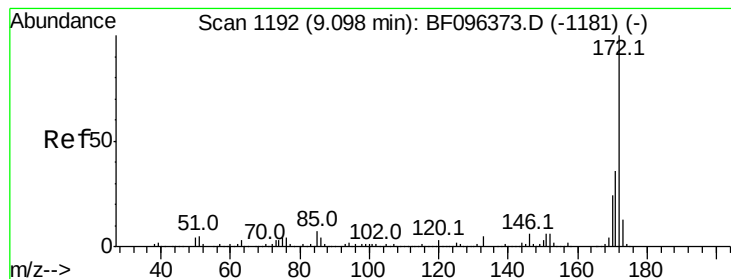
Tot Ion:164 Resp: 149768
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 46.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 89.446 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096673.D
 Acq: 12 Jul 2017 5:37

Tgt Ion:330 Resp: 104640
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 37.6 31.4 47.2

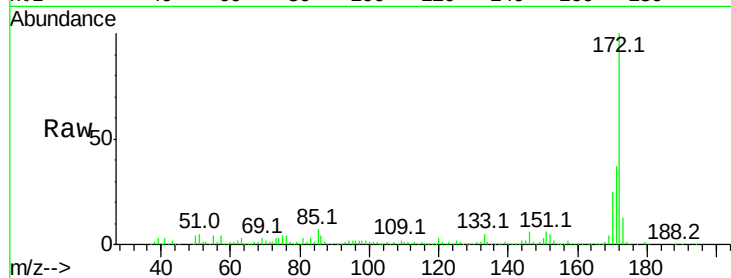




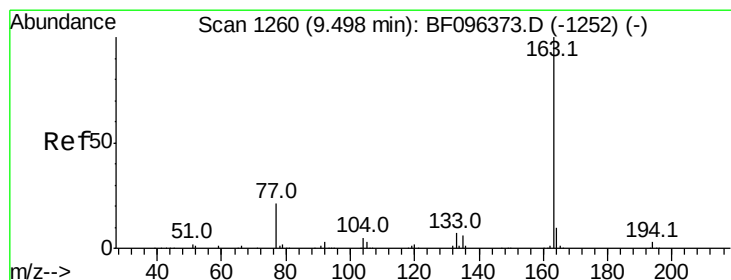
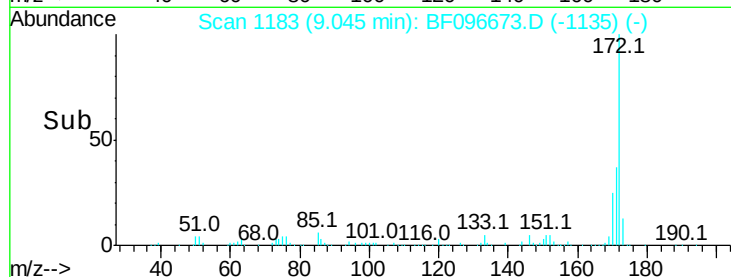
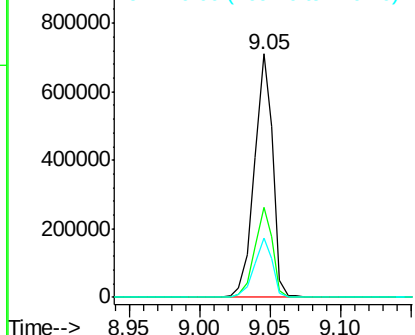
#44
2-Fluorobiphenyl
Concen: 74.206 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

Tot Ion:172 Resp: 650014
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.8

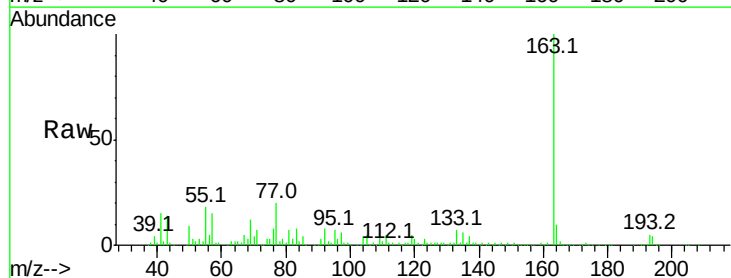


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

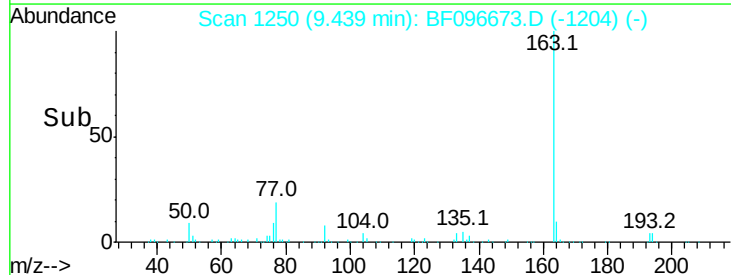
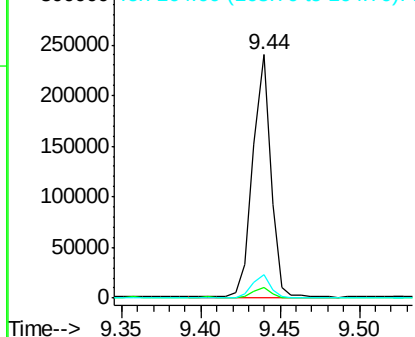


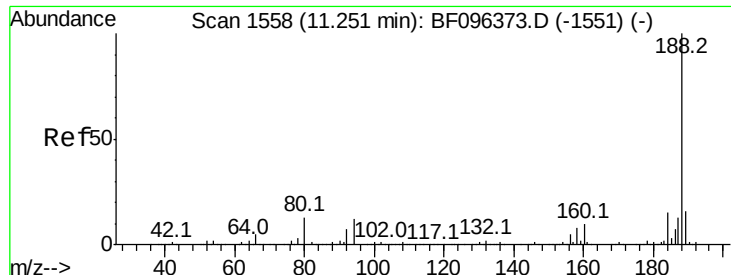
#49
Dimethylphthalate
Concen: 16.911 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:163 Resp: 189068
Ion Ratio Lower Upper
163 100
194 4.4 2.6 4.0#
164 9.8 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

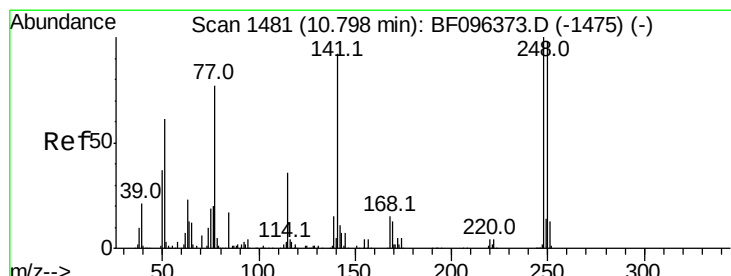
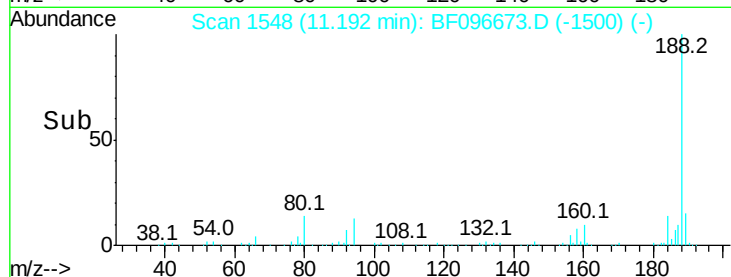
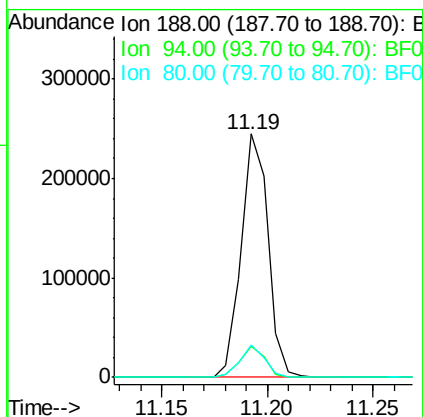
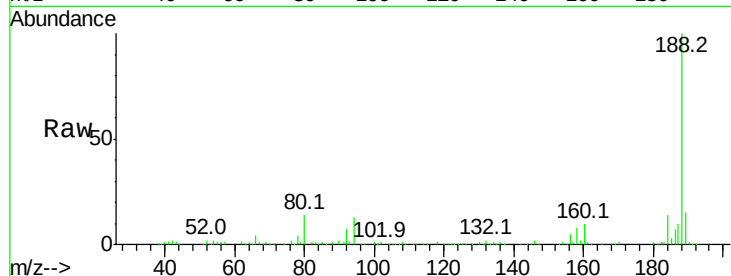




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

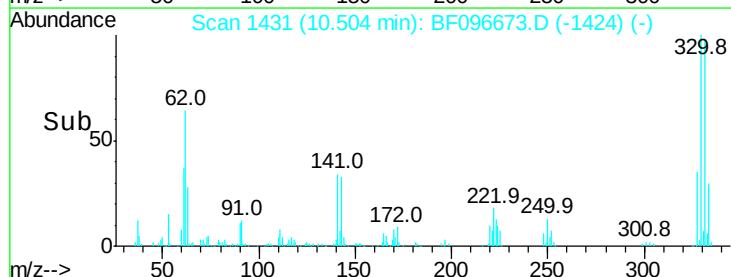
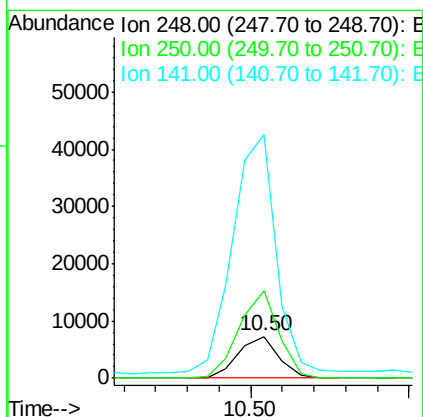
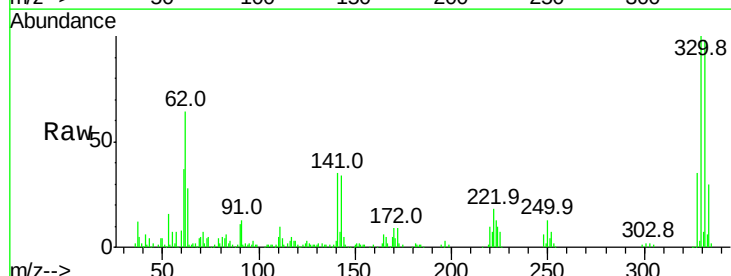
Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

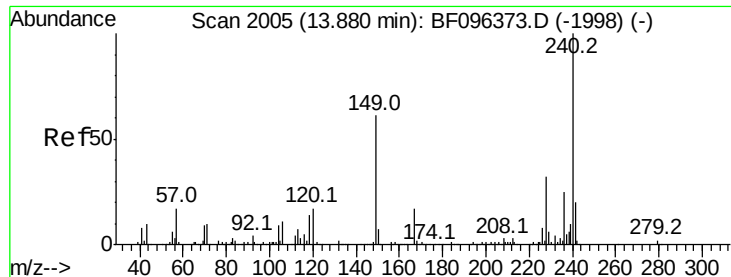
Tot Ion:188 Resp: 216361
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 13.6 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.067 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096673.D
Acq: 12 Jul 2017 5:37

Tgt Ion:248 Resp: 6460
Ion Ratio Lower Upper
248 100
250 209.4 76.8 115.2#
141 579.8 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

Instrument :

BNA_F

ClientSampleId :

E2-HS1-BASE

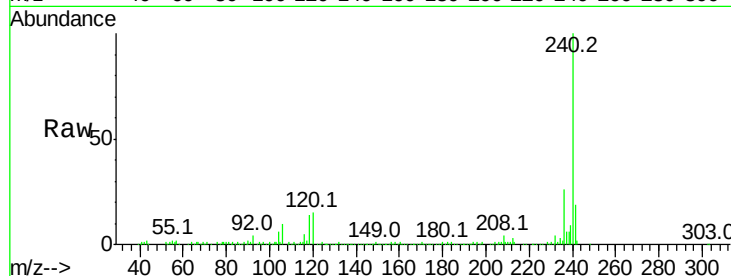
Tot Ion:240 Resp: 221885

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

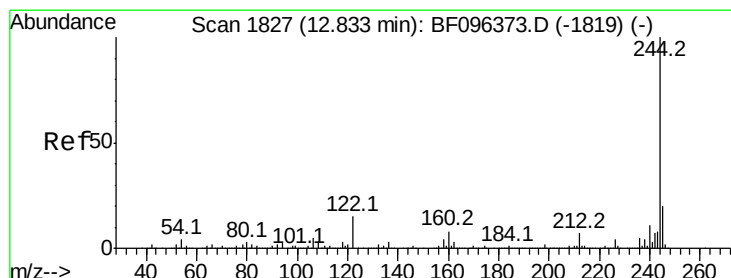
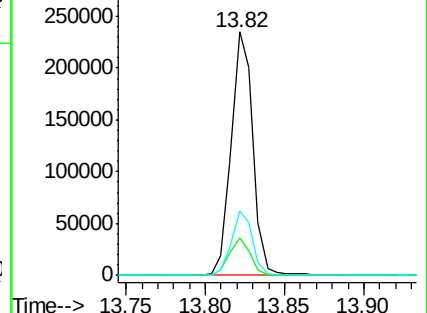
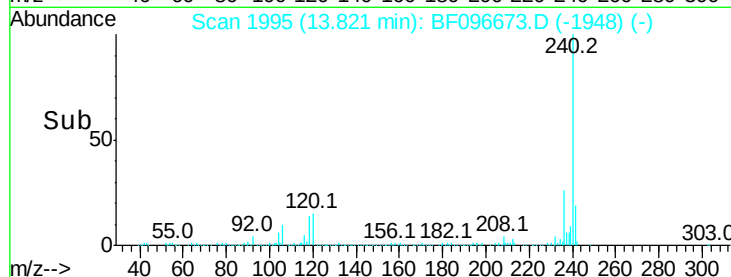
236 26.3 20.5 30.7



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: 41.072 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096673.D

Acq: 12 Jul 2017 5:37

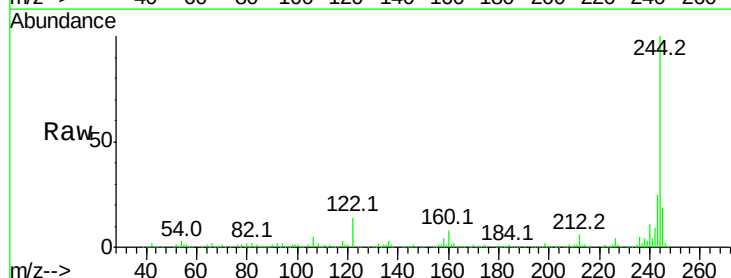
Tgt Ion:244 Resp: 426487

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

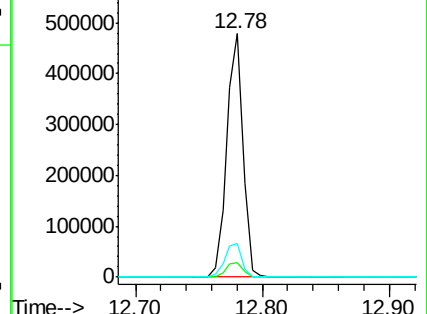
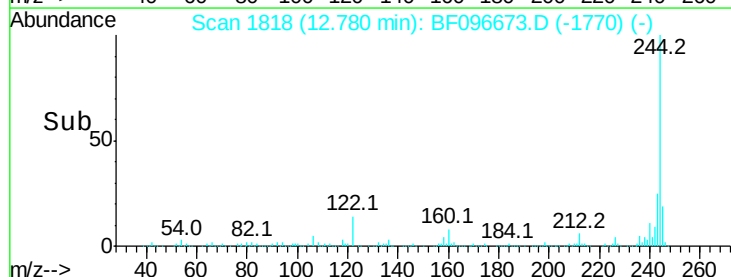
122 13.9 10.3 15.5

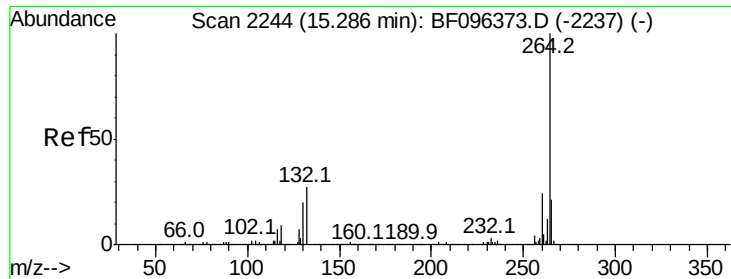


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF096673.D
Acq: 12 Jul 2017 5:37

Instrument :
BNA_F
ClientSampleId :
E2-HS1-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	20.3	17.2	25.8

