

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096664.D
 Acq On : 12 Jul 2017 1:26
 Operator : SJ/JU
 Sample : I4130-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-BASE

Quant Time: Jul 12 02:45:51 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

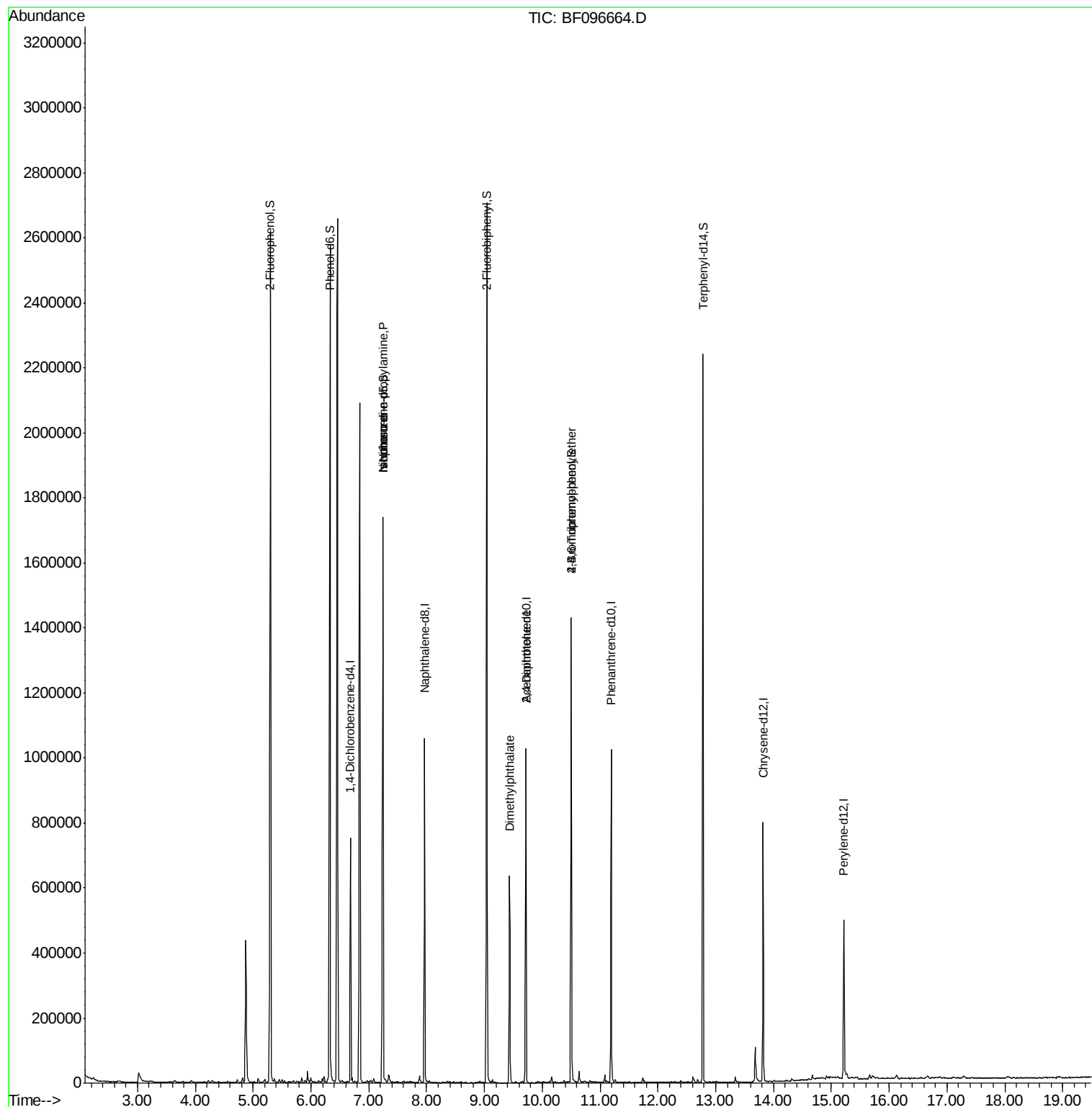
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107199	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	473275	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	199841	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	340688	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	254776	20.00	ng	-0.02
86) Perylene-d12	15.22	264	207584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	761061	104.79	ng	-0.01
7) Phenol-d6	6.33	99	925425	103.64	ng	-0.02
23) Nitrobenzene-d5	7.25	82	532991	67.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	181347	116.17	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	929503	79.53	ng	-0.02
78) Terphenyl-d14	12.78	244	695667	58.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	71504	13.442	ng	# 88
25) Isophorone	7.25	82	531042	34.775	ng	# 67
49) Dimethylphthalate	9.43	163	252429	16.921	ng	98
56) 2,4-Dinitrotoluene	9.72	165	25699	6.151	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	11090	3.344	ng	# 1

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

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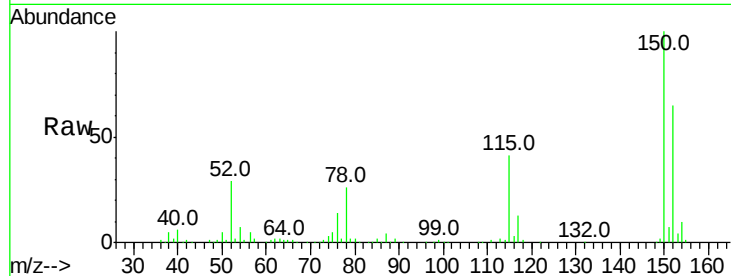


#1

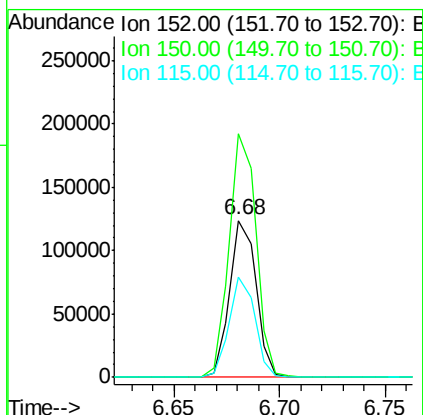
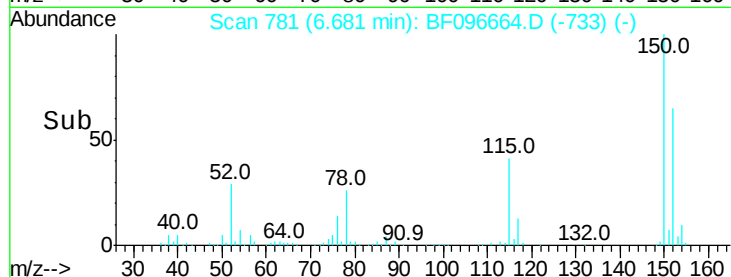
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF096664.D
 Acq: 12 Jul 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-BASE

Tot Ion:152 Resp: 107199
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 64.1 52.2 78.2



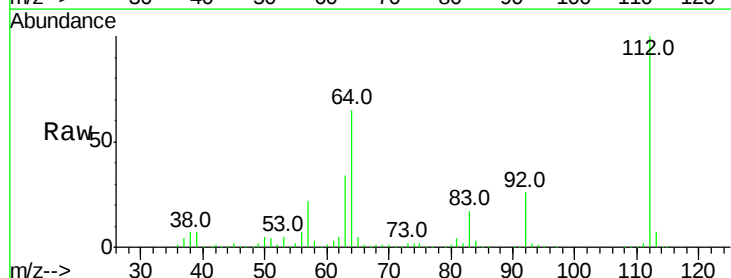
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



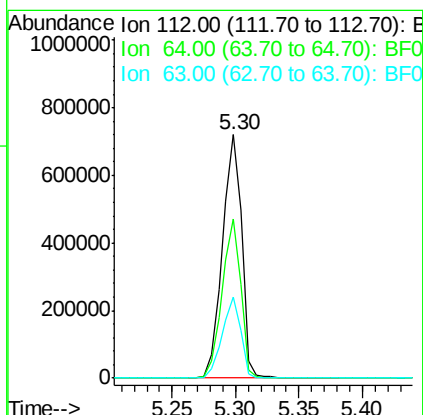
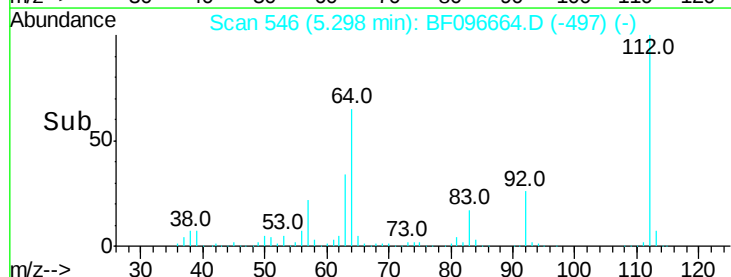
#5

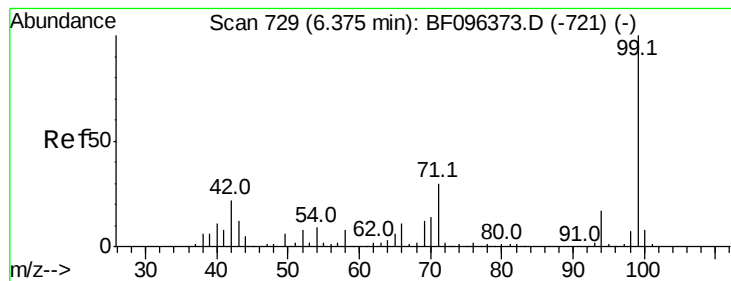
2-Fluorophenol
 Concen: 104.787 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096664.D
 Acq: 12 Jul 2017 1:26

Tgt Ion:112 Resp: 761061
 Ion Ratio Lower Upper
 112 100
 64 65.2 46.0 69.0
 63 33.5 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: 103.644 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Instrument :

BNA_F

ClientSampleId :

E2-HS3-BASE

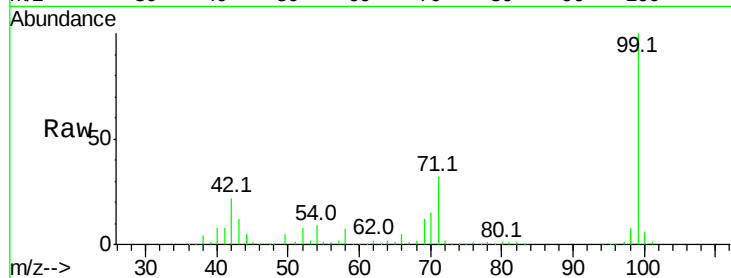
Tot Ion: 99 Resp: 925425

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

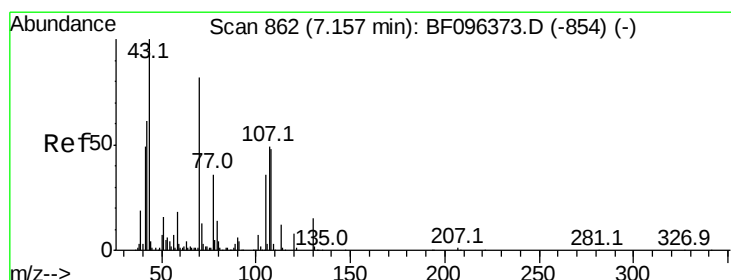
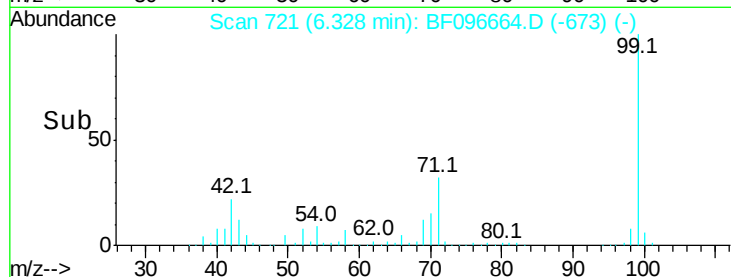
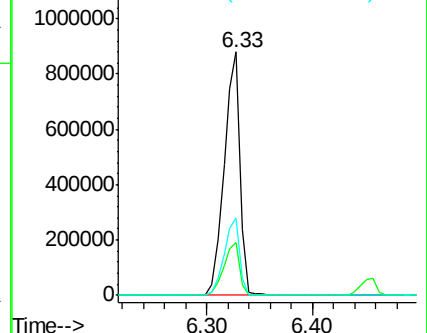
71 31.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.442 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Tgt Ion: 70 Resp: 71504

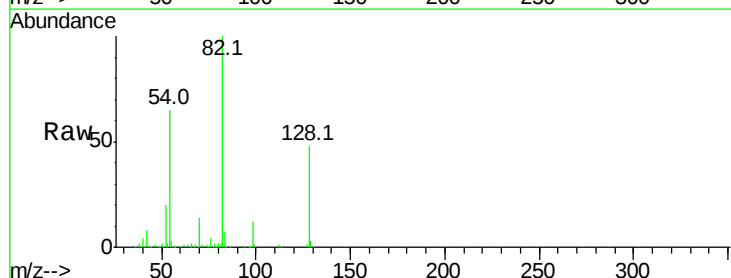
Ion Ratio Lower Upper

70 100

42 57.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

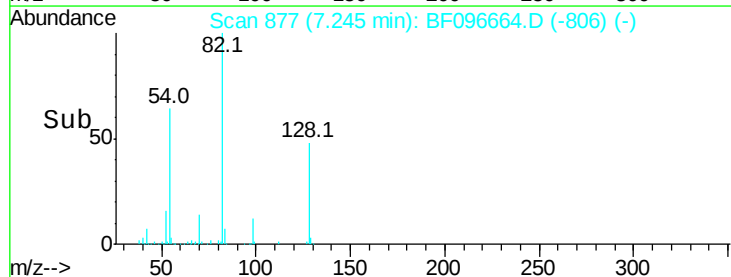
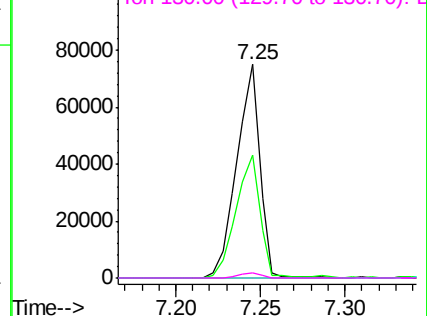


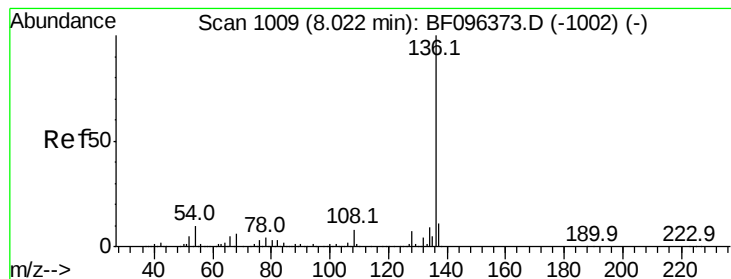
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Instrument :

BNA_F

ClientSampleId :

E2-HS3-BASE

Tot Ion:136 Resp: 473275

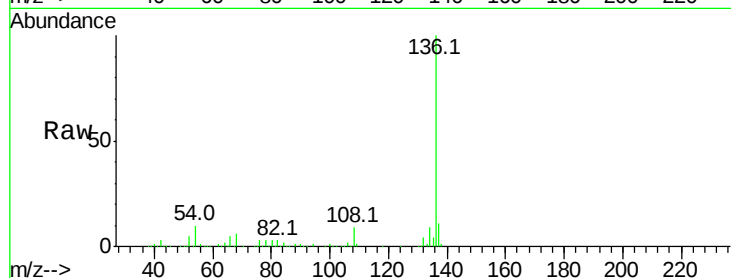
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.2 4.9 7.3#

68 5.5 4.1 6.1

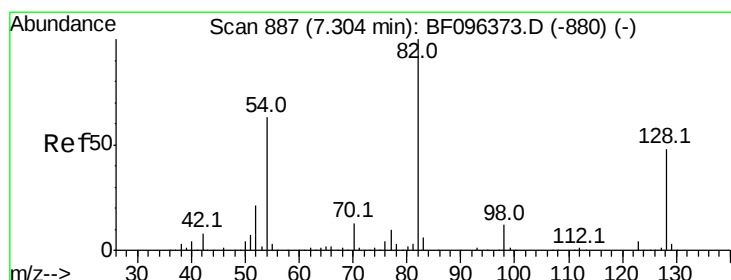
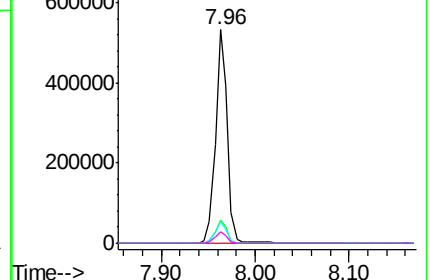
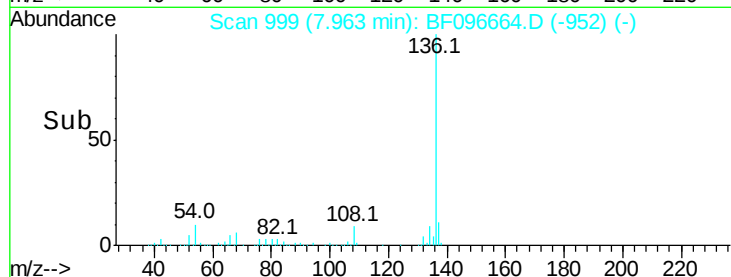


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.673 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

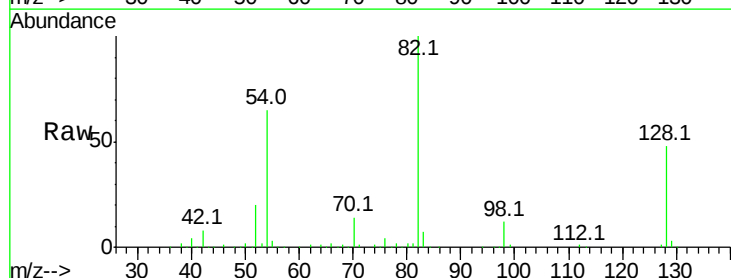
Tgt Ion: 82 Resp: 532991

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

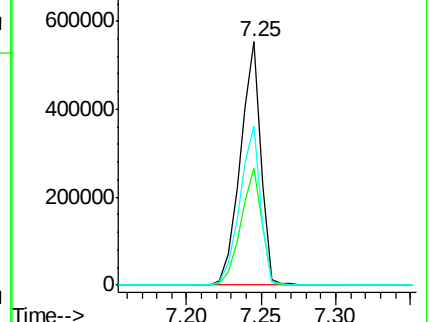
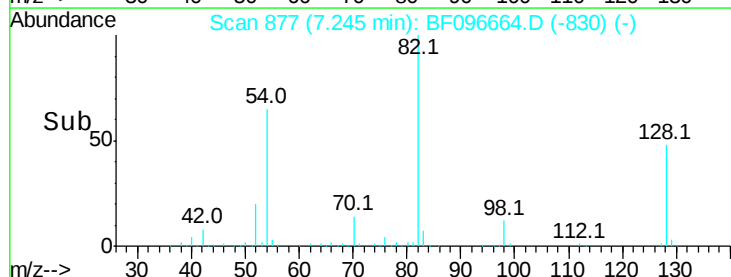
54 65.5 42.2 63.2#

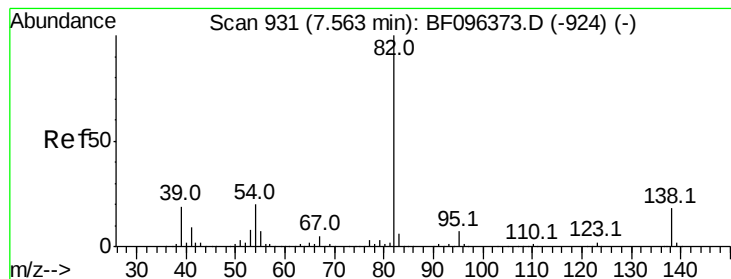


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.775 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Instrument :

BNA_F

ClientSampleId :

E2-HS3-BASE

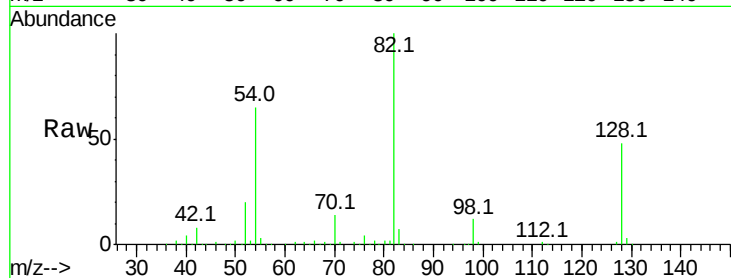
Tot Ion: 82 Resp: 531042

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

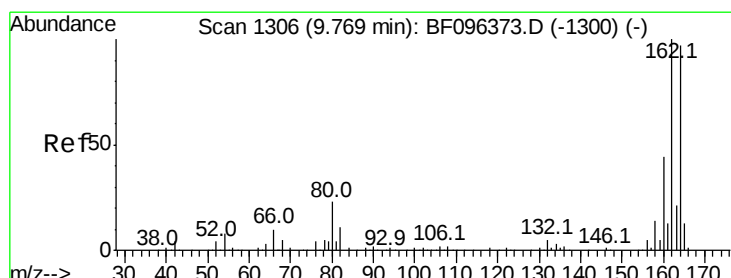
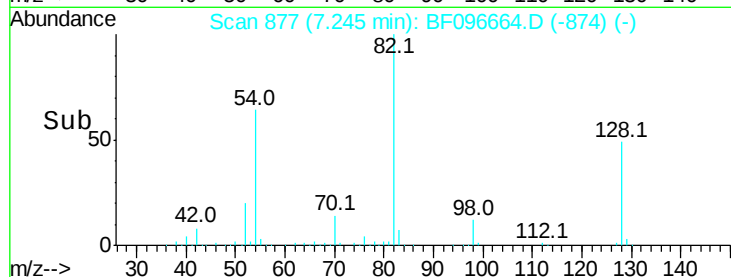
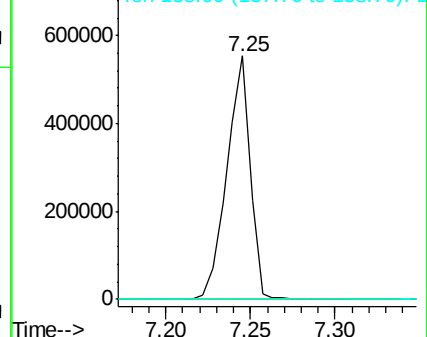
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

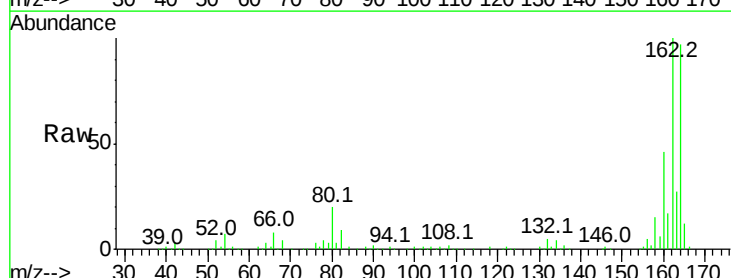
Tgt Ion: 164 Resp: 199841

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

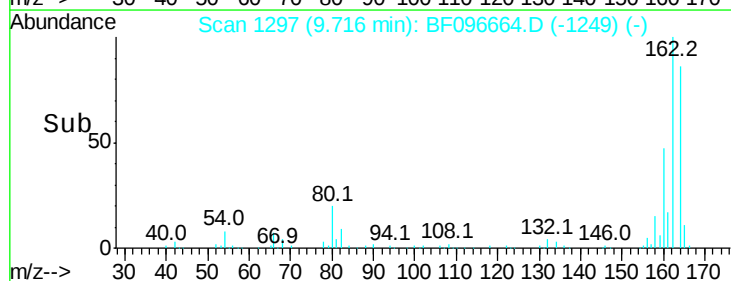
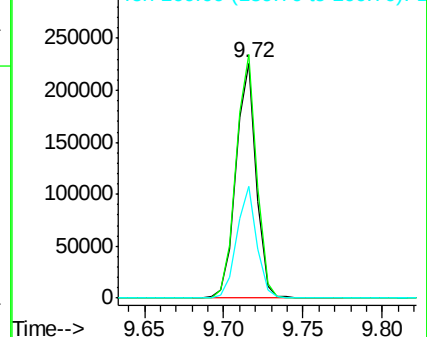
160 47.5 36.2 54.2



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

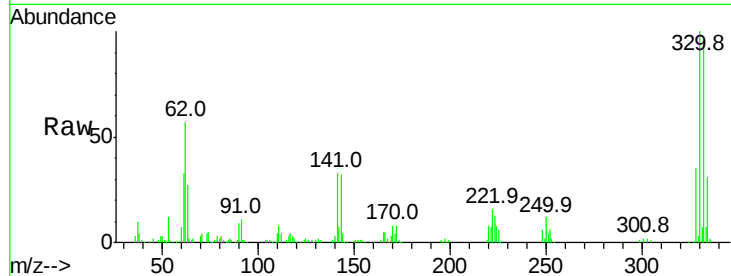




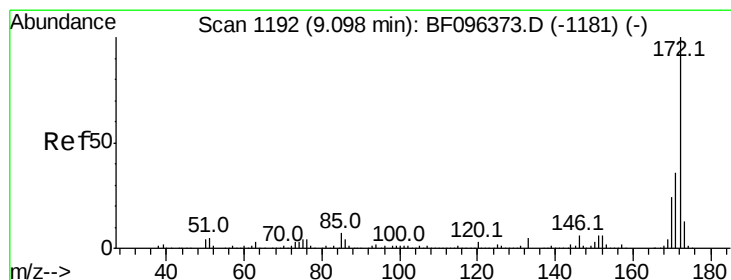
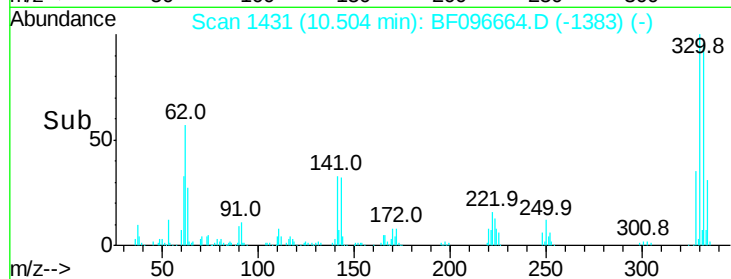
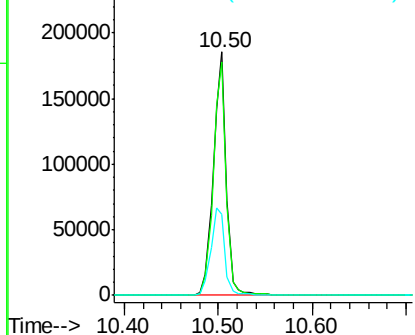
#41
 2,4,6-Tribromophenol
 Concen: 116.173 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096664.D
 Acq: 12 Jul 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-BASE

Tot Ion:330 Resp: 181347
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.9 31.4 47.2

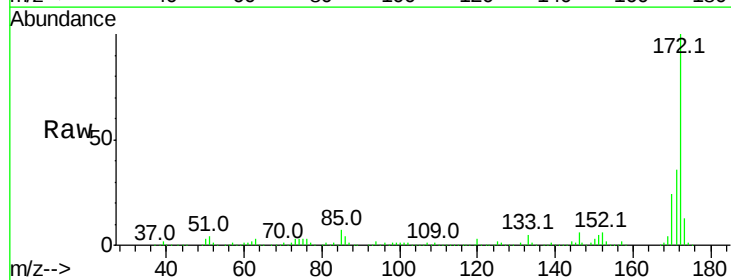


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

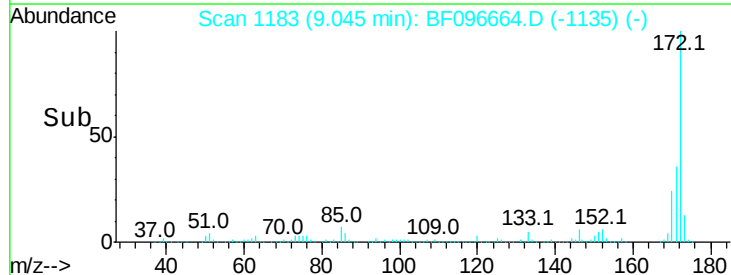
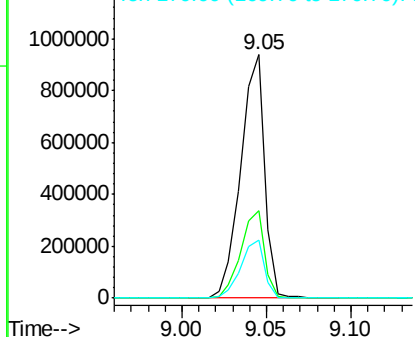


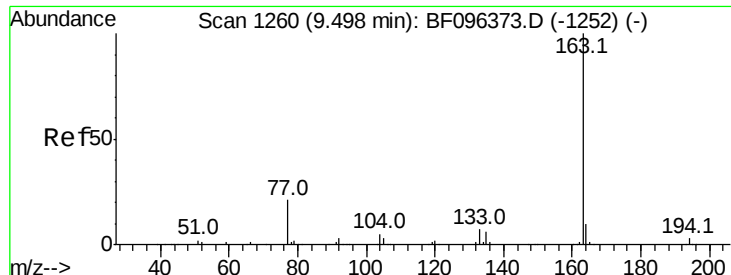
#44
 2-Fluorobiphenyl
 Concen: 79.525 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096664.D
 Acq: 12 Jul 2017 1:26

Tgt Ion:172 Resp: 929503
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.1 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: 16.921 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Instrument :

BNA_F

ClientSampleId :

E2-HS3-BASE

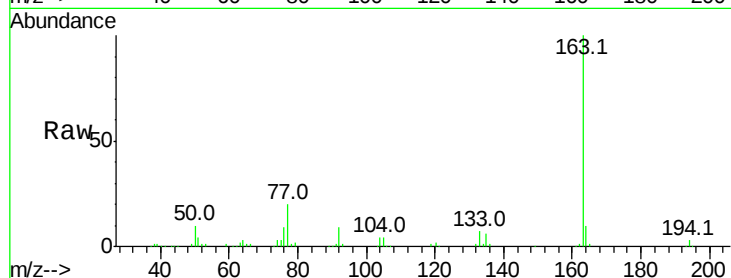
Tot Ion:163 Resp: 252429

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

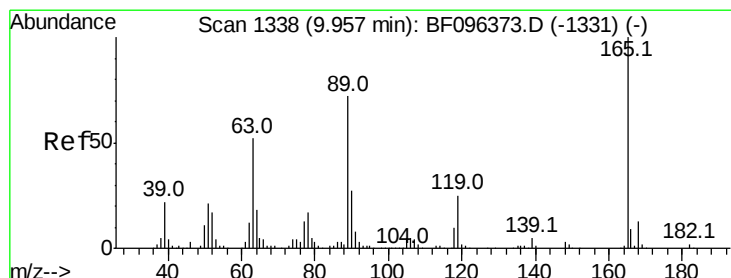
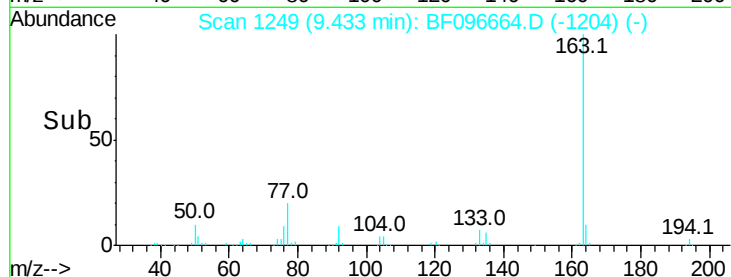
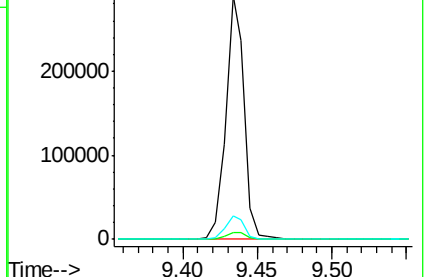
164 9.9 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.151 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

Tgt Ion:165 Resp: 25699

Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.3 46.4 69.6#

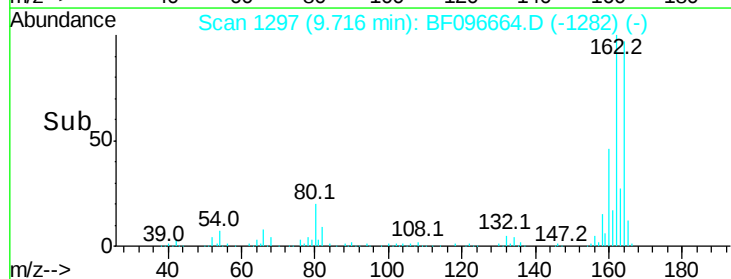
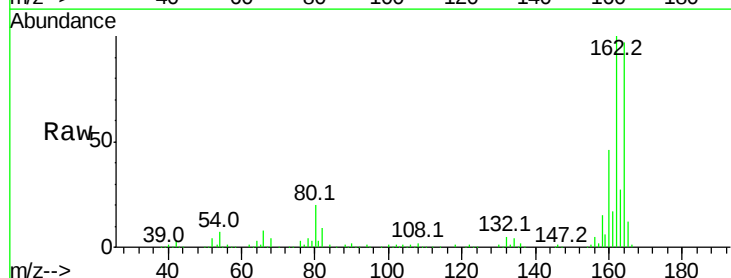
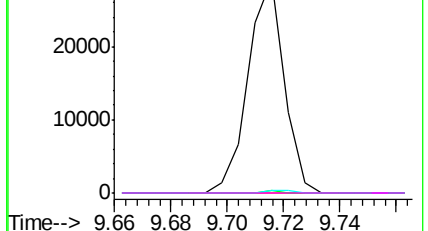
182 0.0 1.8 2.6#

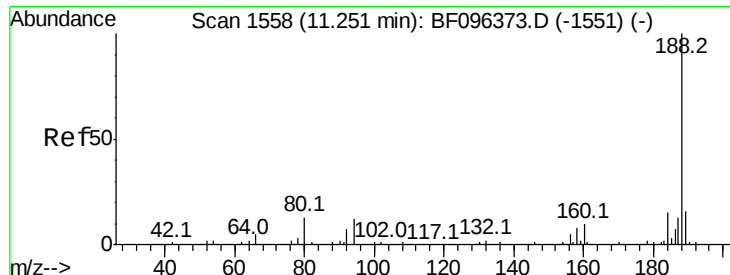
Abundance Ion 165.00 (164.70 to 165.70): E

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

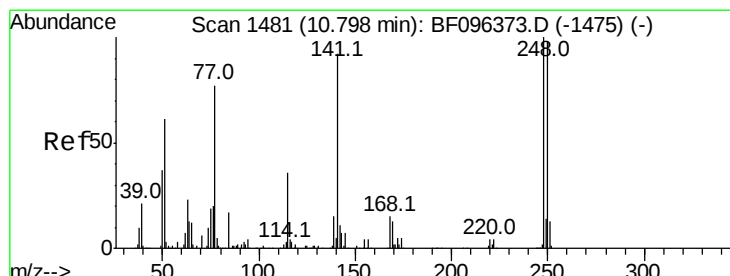
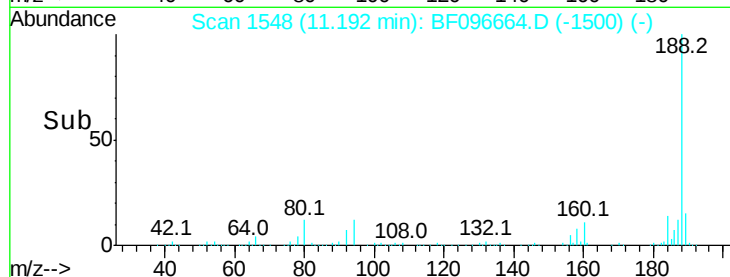
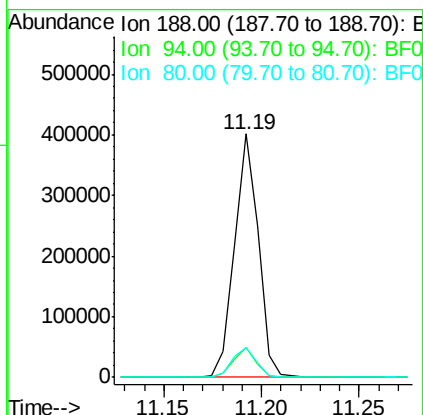
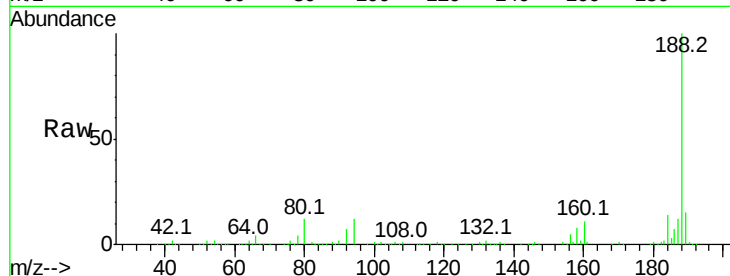




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096664.D
Acq: 12 Jul 2017 1:26

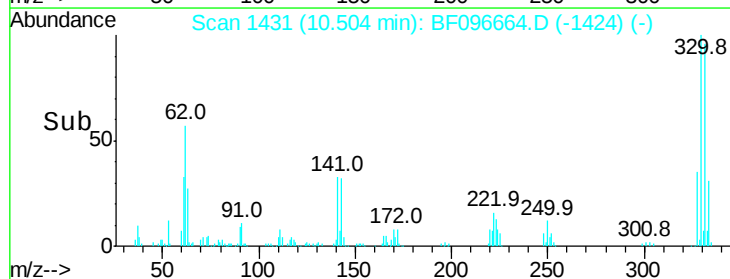
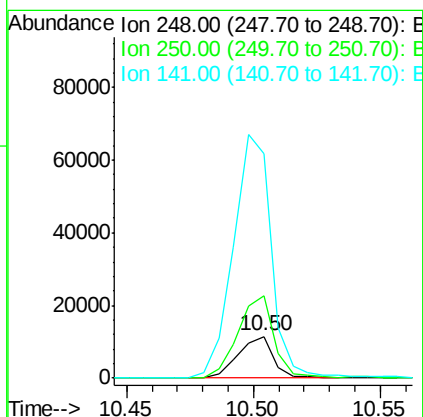
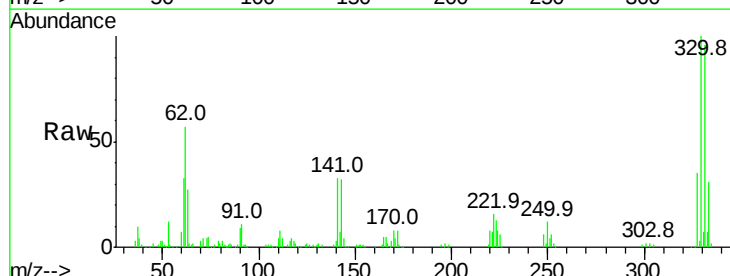
Instrument :
BNA_F
ClientSampleId :
E2-HS3-BASE

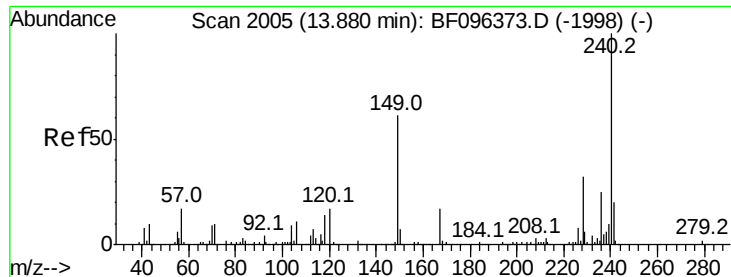
Tot Ion:188 Resp: 340688
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.2 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.26 min
Lab File: BF096664.D
Acq: 12 Jul 2017 1:26

Tgt Ion:248 Resp: 11090
Ion Ratio Lower Upper
248 100
250 195.9 76.8 115.2#
141 536.1 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: BF096664.D

Acq: 12 Jul 2017 1:26

Instrument :

BNA_F

ClientSampleId :

E2-HS3-BASE

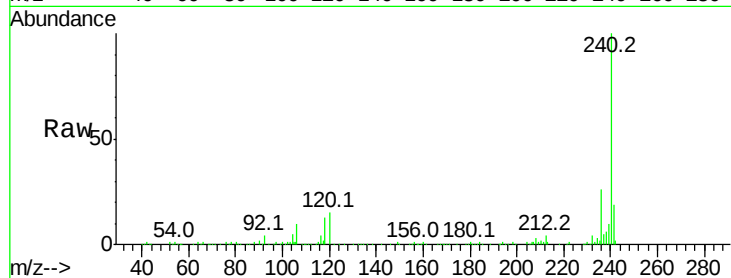
Tot Ion:240 Resp: 254776

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

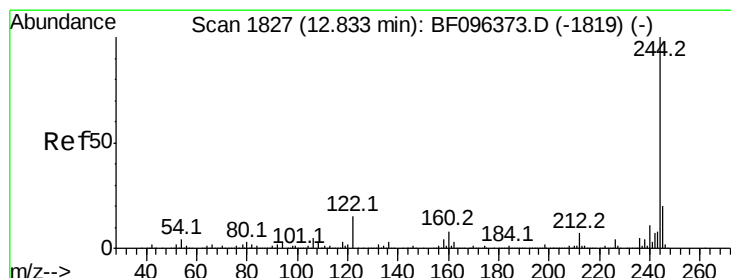
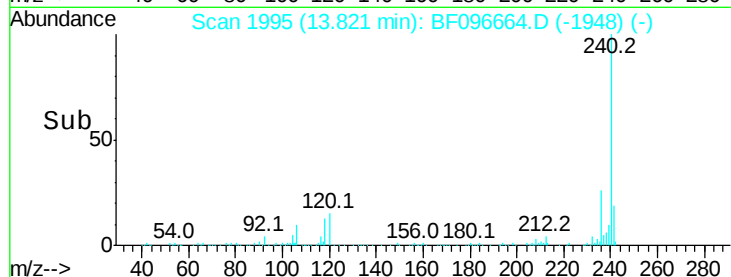
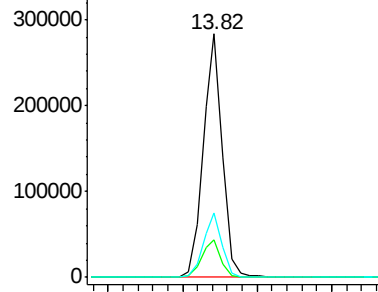
236 26.5 20.5 30.7



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: 58.346 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096664.D

Acq: 12 Jul 2017 1:26

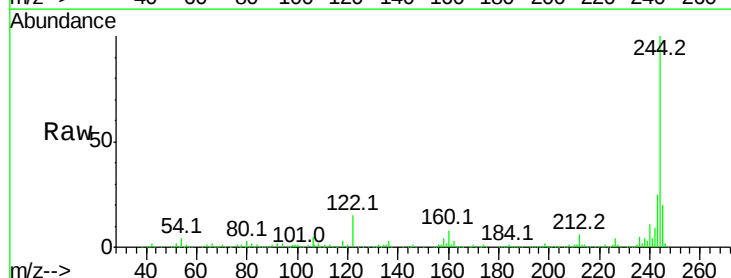
Tgt Ion:244 Resp: 695667

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

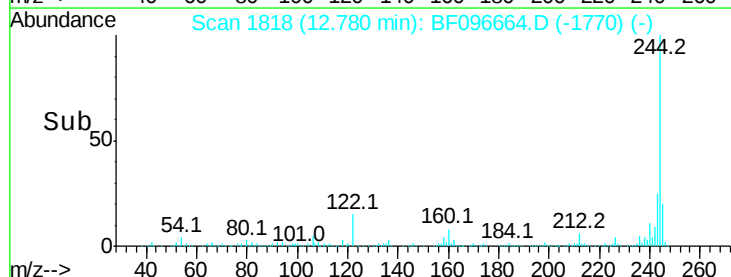
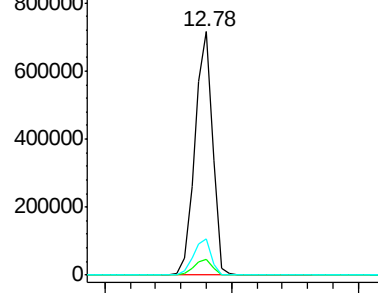
122 14.9 10.3 15.5

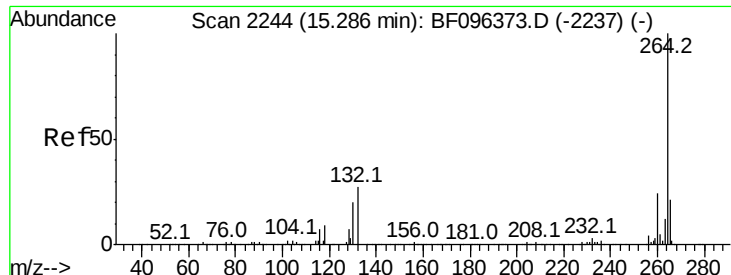


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF096664.D
 Acq: 12 Jul 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS3-BASE

Tot Ion:264 Resp: 207584
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.4 17.2 25.8

