

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097703.D
 Acq On : 15 Aug 2017 20:57
 Operator : SJ/JU
 Sample : I4699-01RE 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Quant Time: Aug 16 03:54:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

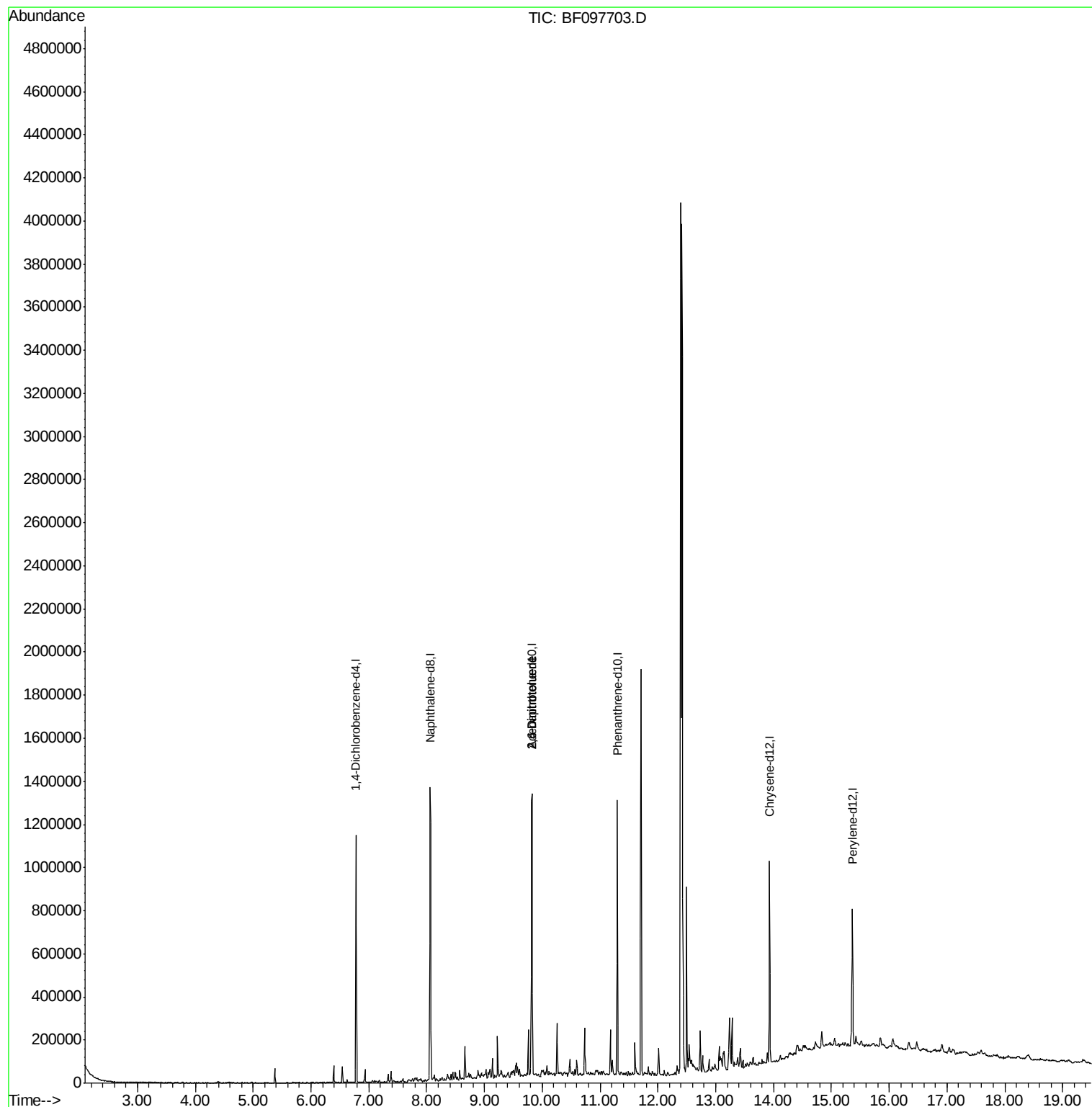
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142336	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	558673	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	246557	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	430530	20.00	ng	0.00
75) Chrysene-d12	13.93	240	285967	20.00	ng	0.00
86) Perylene-d12	15.36	264	286537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	15674	1.68	ng	-0.01
7) Phenol-d6	6.39	99	22120	1.74	ng	-0.02
23) Nitrobenzene-d5	7.34	82	10996	1.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	2856	1.34	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	21165	1.26	ng	0.00
78) Terphenyl-d14	12.89	244	13616	0.99	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.82	165	31642	8.80	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	31642	7.01	ng	# 33

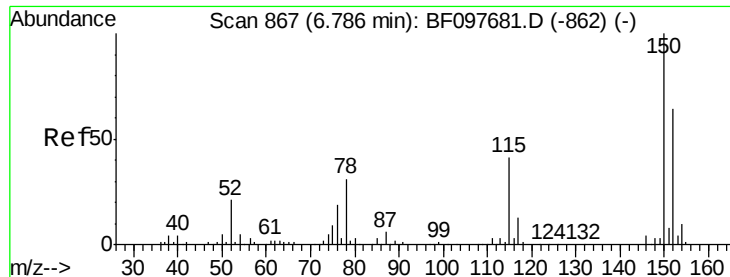
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

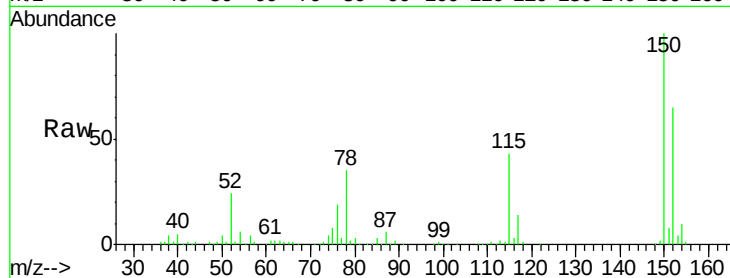
Tot Ion:152 Resp: 142336

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

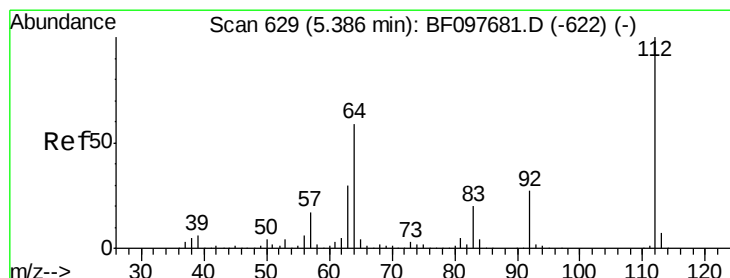
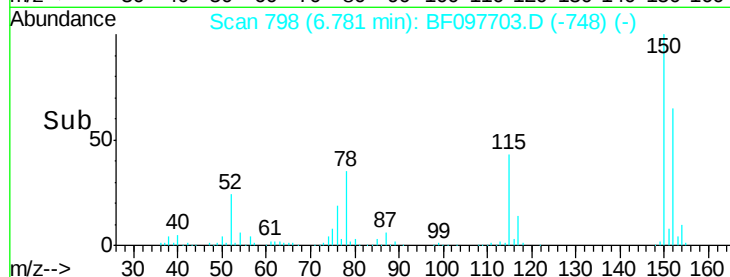
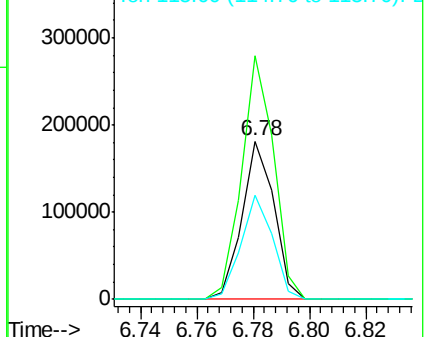
115 65.5 52.2 78.2



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: 1.68 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

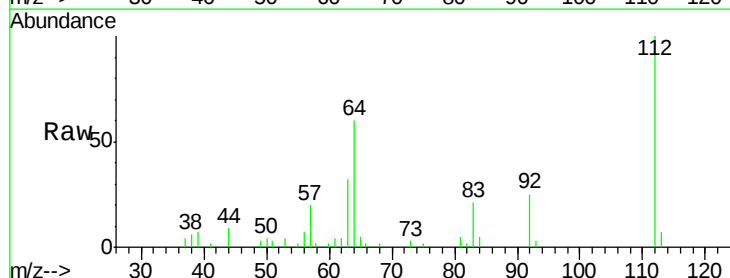
Tgt Ion:112 Resp: 15674

Ion Ratio Lower Upper

112 100

64 59.9 46.0 69.0

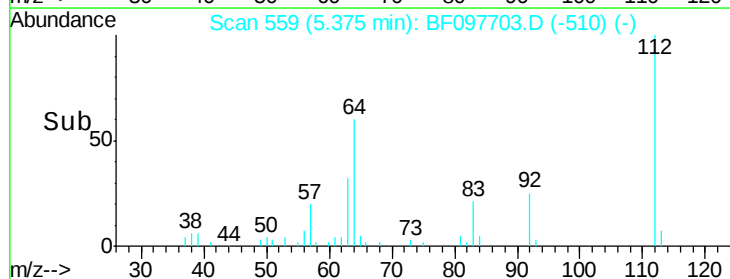
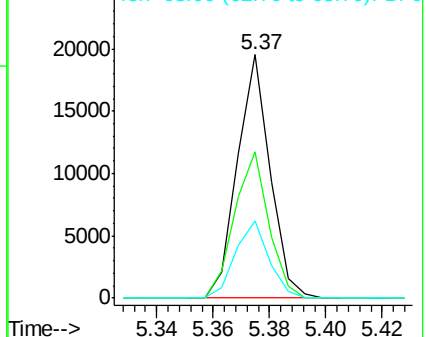
63 31.6 23.4 35.0

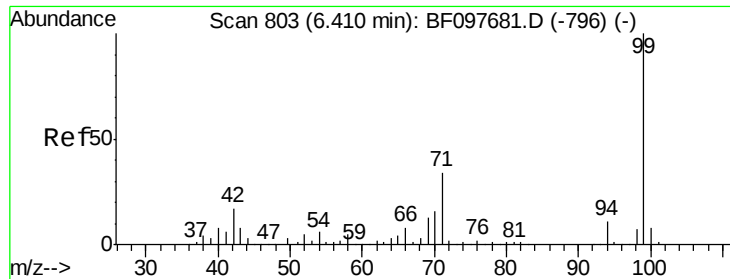


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.74 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

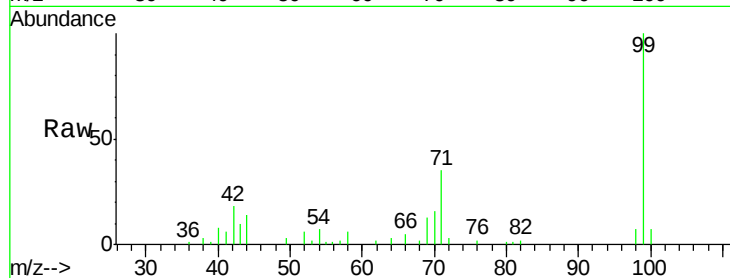
Tot Ion: 99 Resp: 22120

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

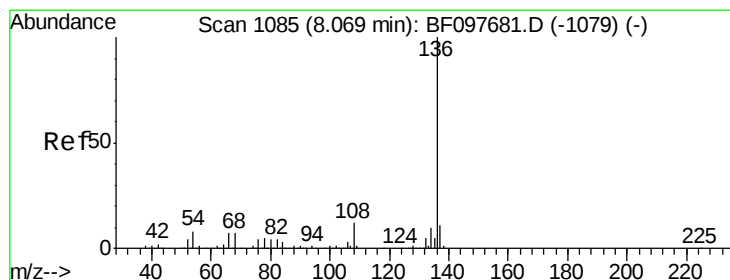
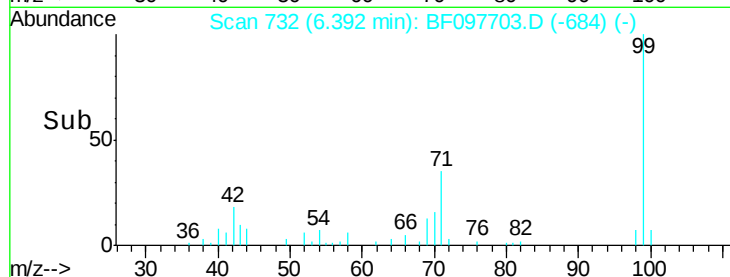
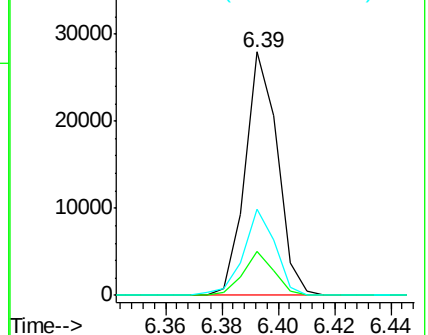
71 35.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Tgt Ion: 136 Resp: 558673

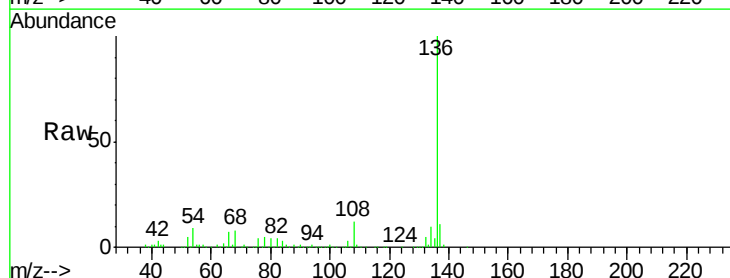
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.5 4.9 7.3#

68 7.7 4.1 6.1#

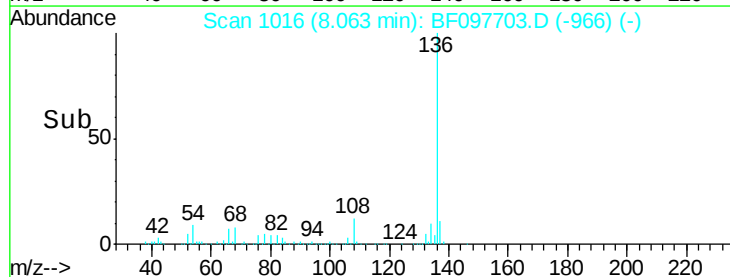
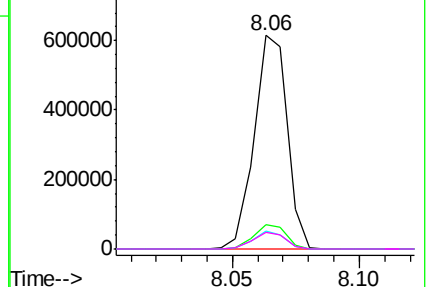


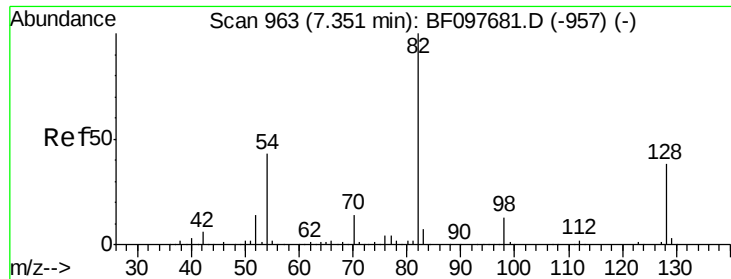
Abundance Ion 136.00 (135.70 to 136.70): E

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

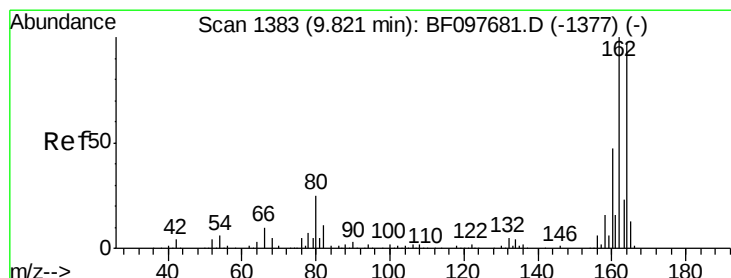
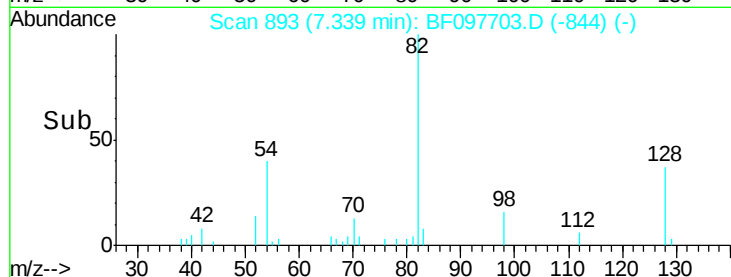
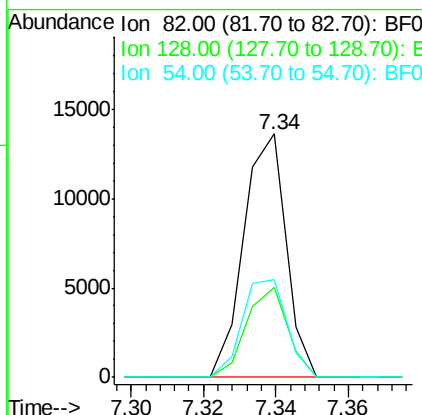
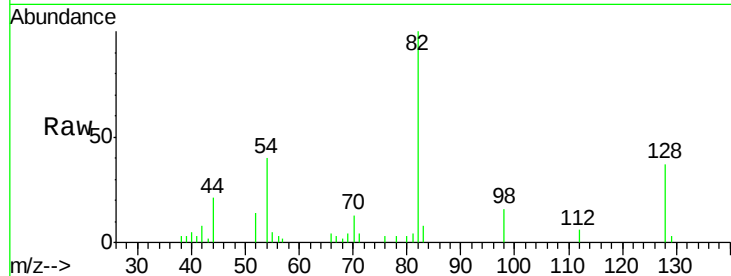




#23
Nitrobenzene-d5
Concen: 1.07 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097703.D
Acq: 15 Aug 2017 20:57

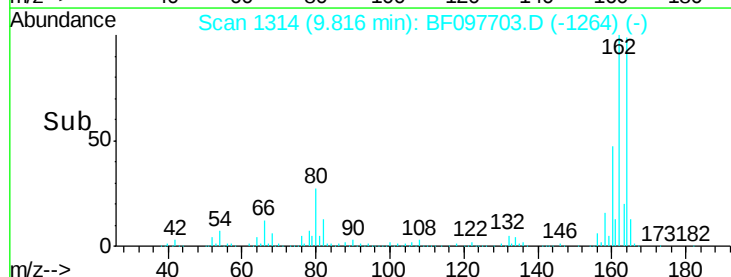
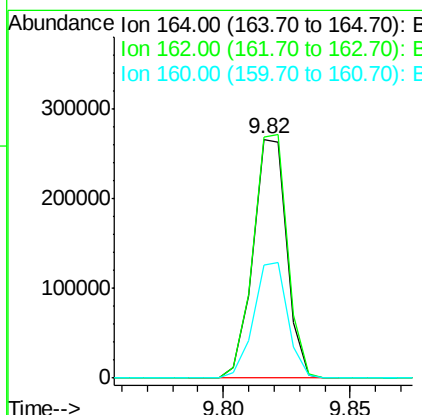
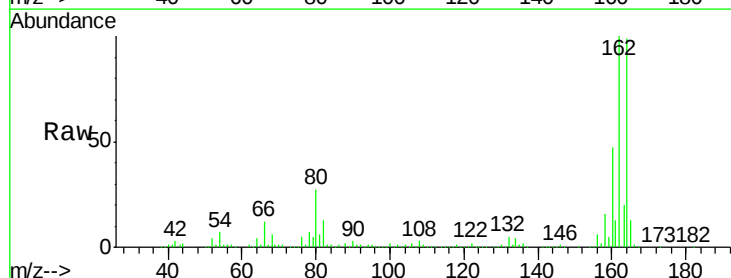
Instrument :
BNA_F
ClientSampleId :
SU-04-080917

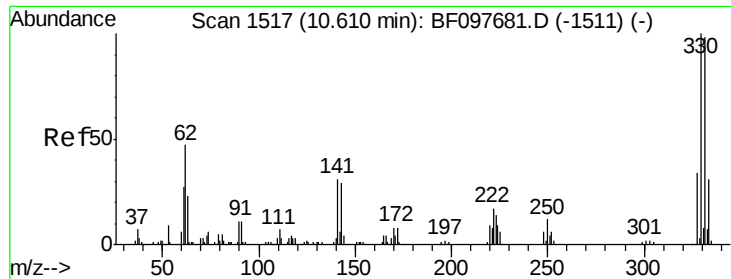
Tot Ion	82	Resp	10996
Ion Ratio	Lower	Upper	
82	100		
128	37.0	34.0	51.0
54	40.3	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097703.D
Acq: 15 Aug 2017 20:57

Tgt Ion	164	Resp	246557
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.6	123.8
160	47.4	36.2	54.2

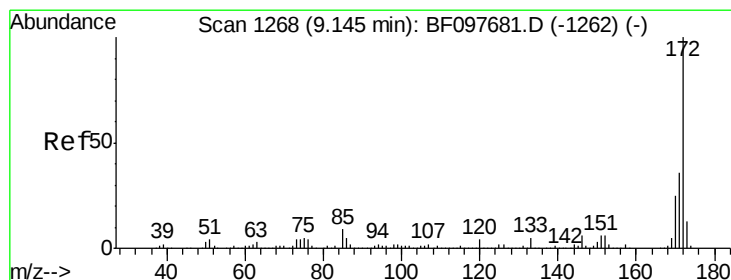
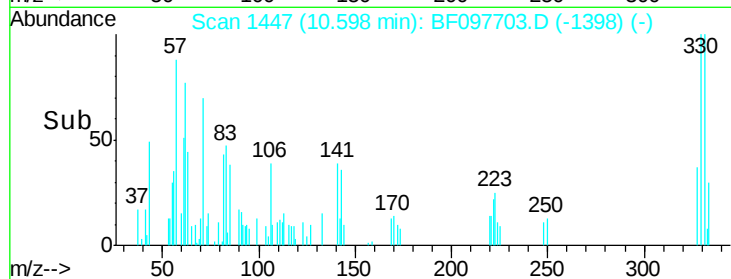
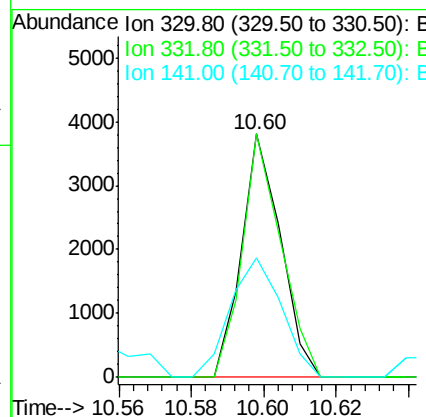
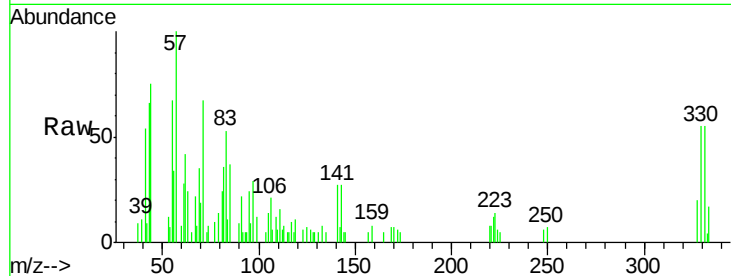




#41
 2,4,6-Tribromophenol
 Concen: 1.34 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097703.D
 Acq: 15 Aug 2017 20:57

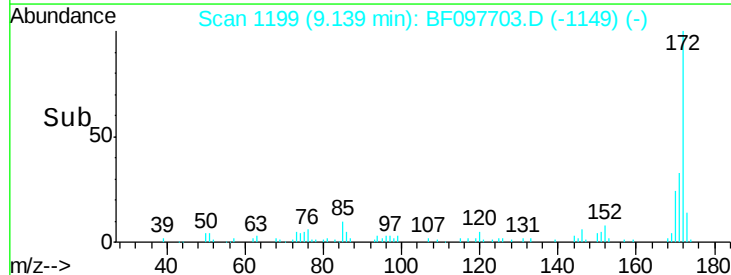
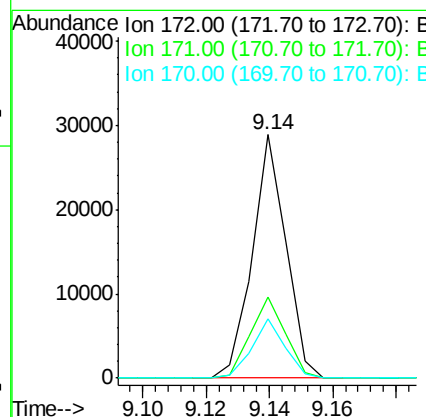
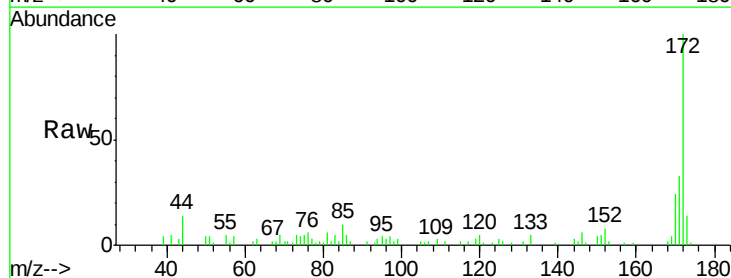
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

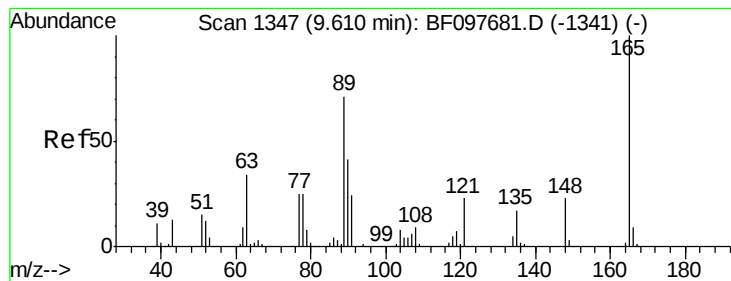
Tot Ion:330 Resp: 2856
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 115.0
 141 64.2 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 1.26 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097703.D
 Acq: 15 Aug 2017 20:57

Tgt Ion:172 Resp: 21165
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.6 44.4
 170 24.3 19.8 29.8





#50

2,6-Dinitrotoluene

Concen: 8.80 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.21 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

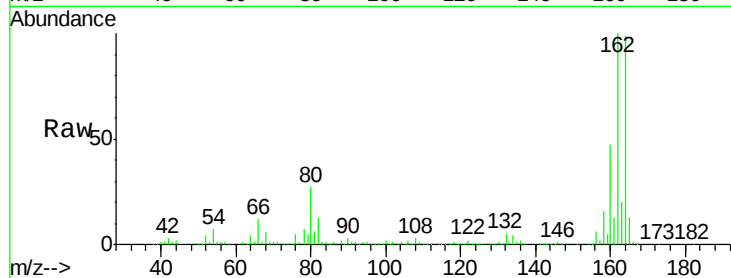
Tot Ion:165 Resp: 31642

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

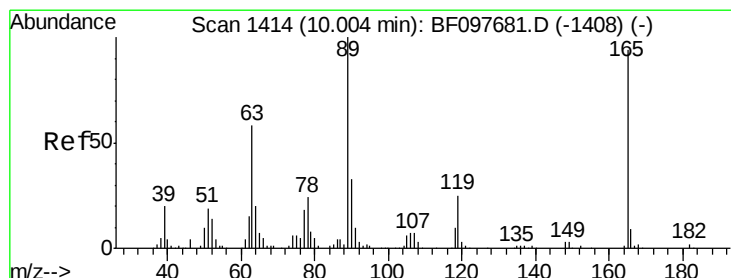
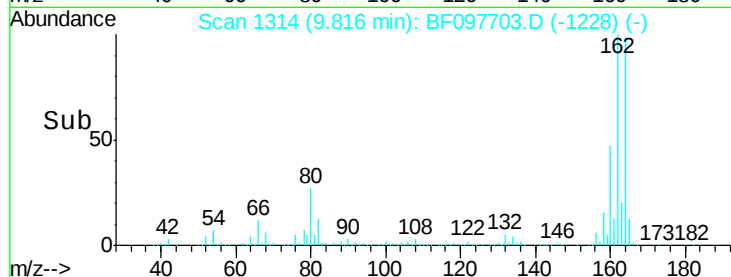
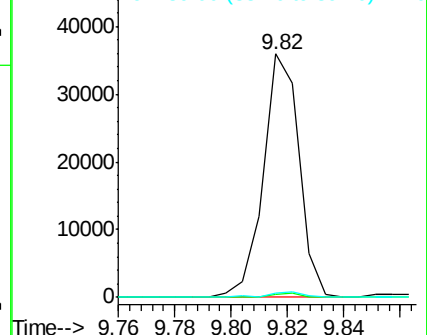
89 1.7 37.1 55.7#



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: 7.01 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.19 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Tgt Ion:165 Resp: 31642

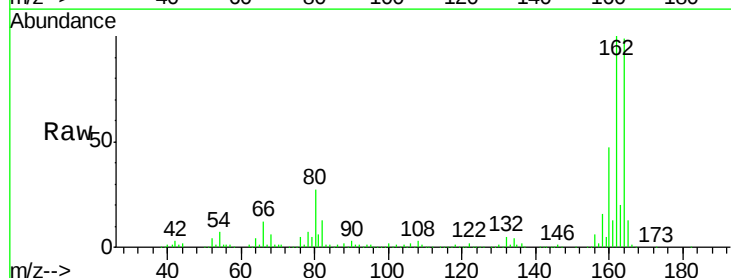
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.7 46.4 69.6#

182 0.9 1.8 2.6#

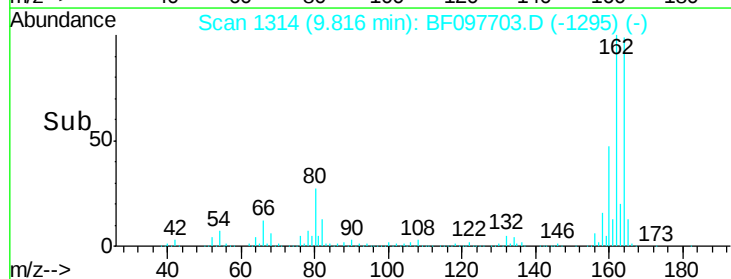
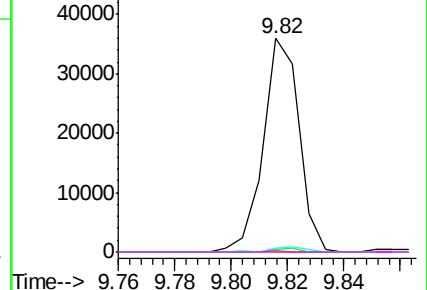


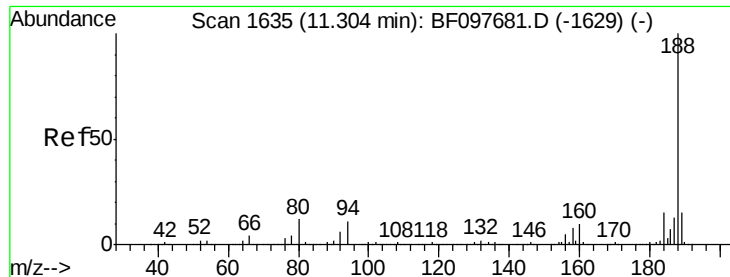
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

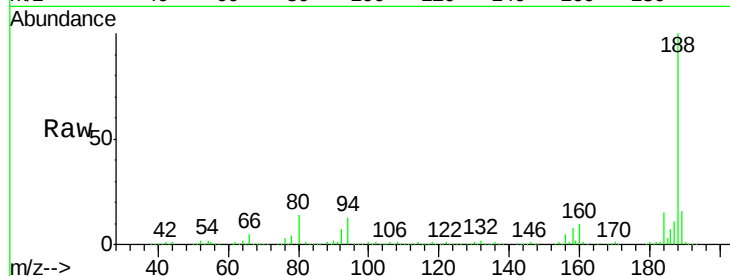
Tot Ion:188 Resp: 430530

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

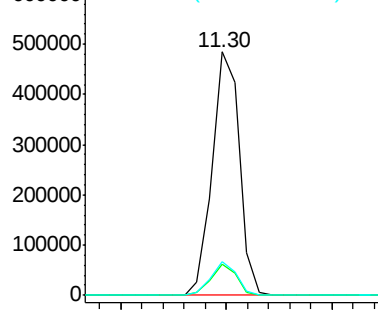
80 14.0 10.2 15.2



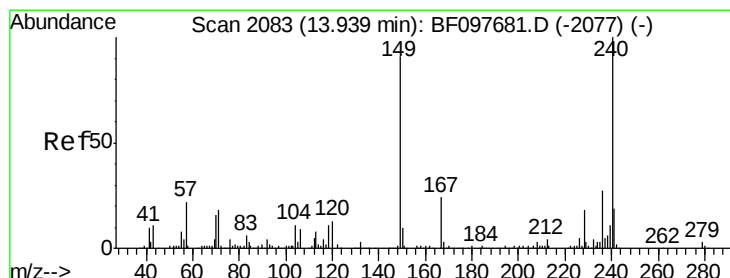
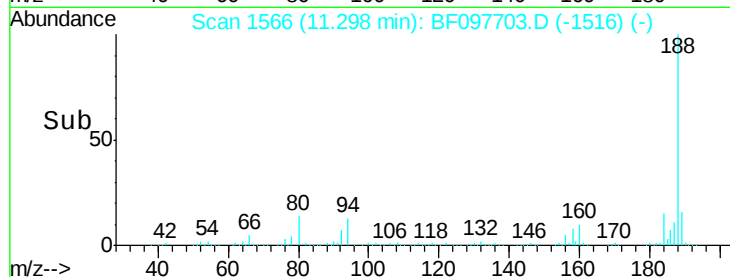
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

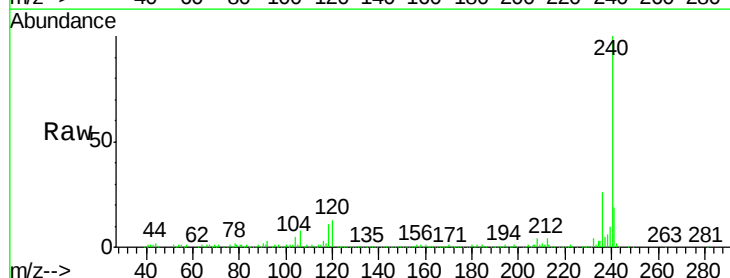
Tgt Ion:240 Resp: 285967

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

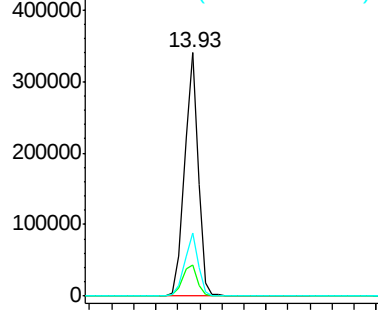
236 25.9 20.5 30.7



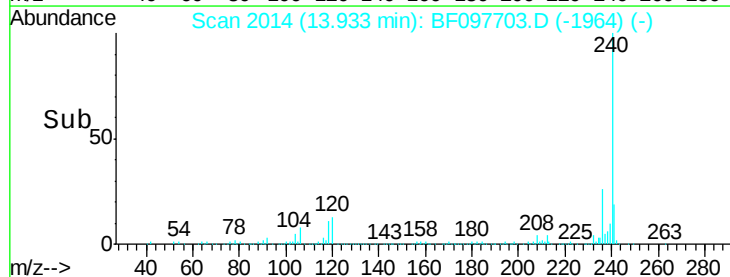
Abundance Ion 240.00 (239.70 to 240.70): E

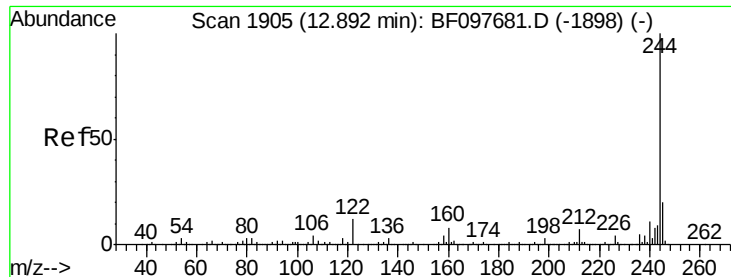
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 0.99 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

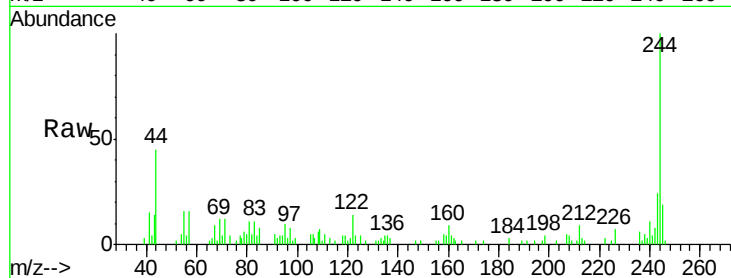
Tot Ion:244 Resp: 13616

Ion Ratio Lower Upper

244 100

212 8.8 6.0 9.0

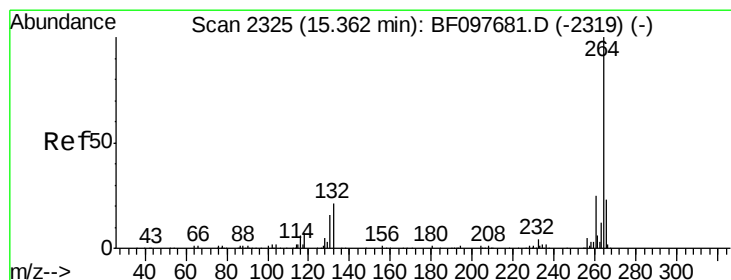
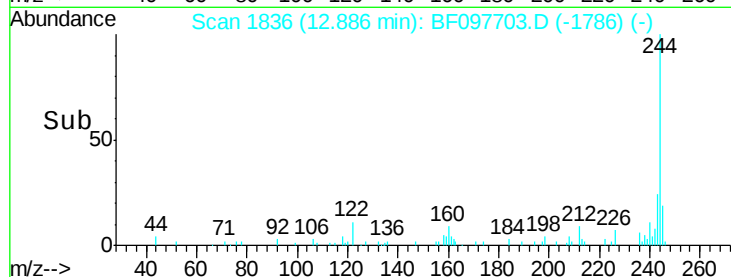
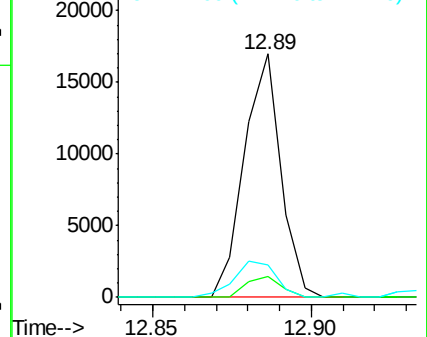
122 13.5 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097703.D

Acq: 15 Aug 2017 20:57

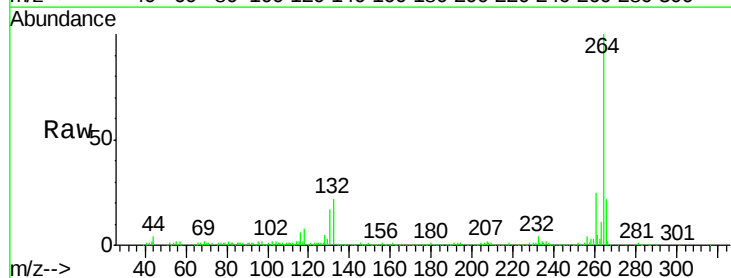
Tgt Ion:264 Resp: 286537

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.2 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

