

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097003.D
 Acq On : 24 Jul 2017 23:37
 Operator : SJ/JU
 Sample : I4399-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

Quant Time: Jul 25 14:27:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

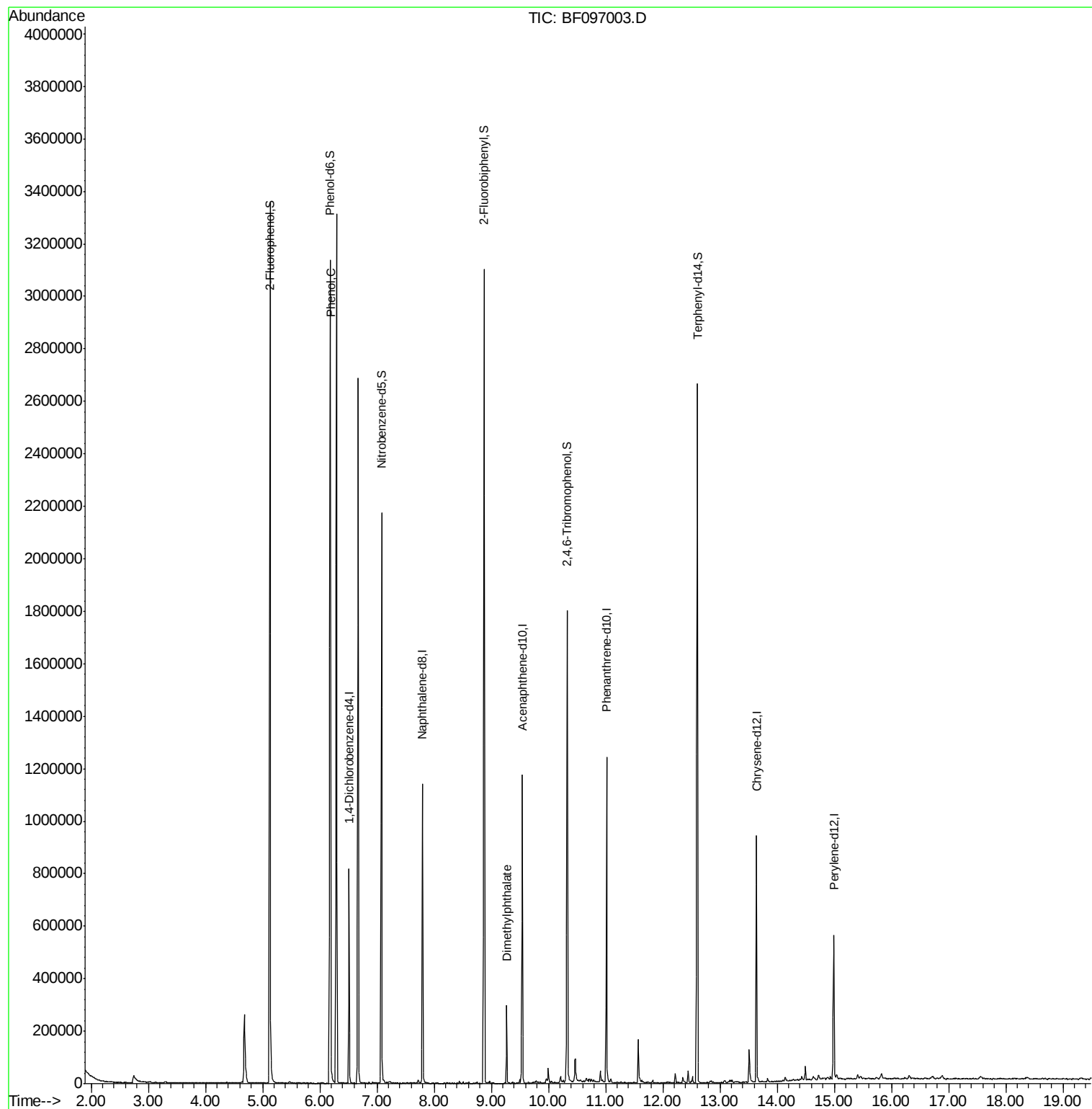
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	119907	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	544045	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	233190	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	417428	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	302291	20.00	ng	-0.04
86) Perylene-d12	14.99	264	210503	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1035527	129.85	ng	-0.02
7) Phenol-d6	6.18	99	1319751	137.91	ng	-0.04
23) Nitrobenzene-d5	7.08	82	761706	86.72	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	241215	121.18	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1169162	79.21	ng	-0.04
78) Terphenyl-d14	12.60	244	909865	52.20	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	31185	2.883	ng	Qvalue 96
49) Dimethylphthalate	9.27	163	117669	6.702	ng	# 99

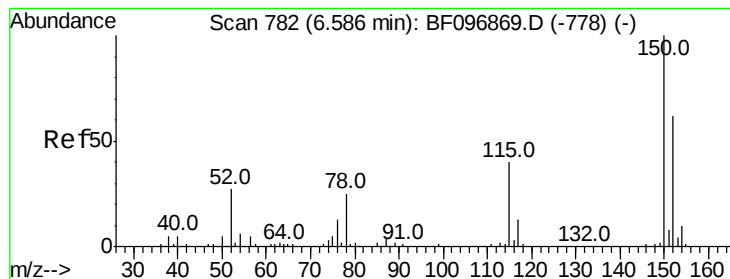
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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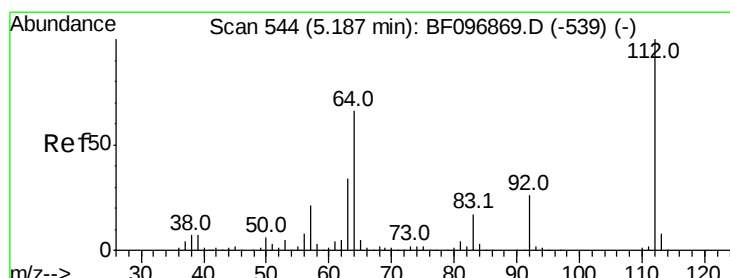
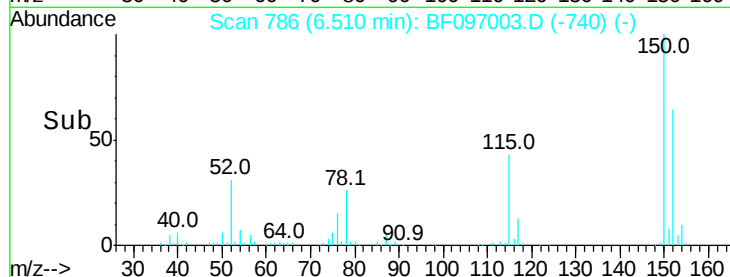
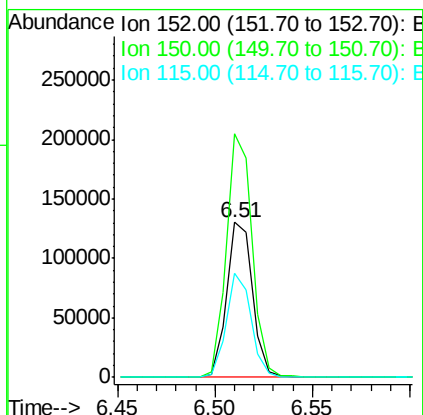
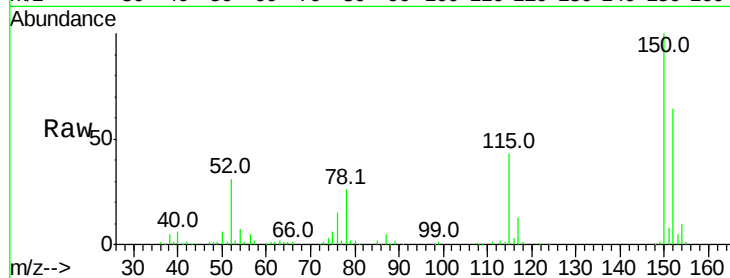


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

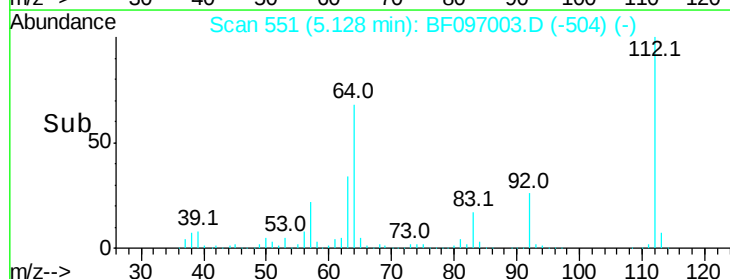
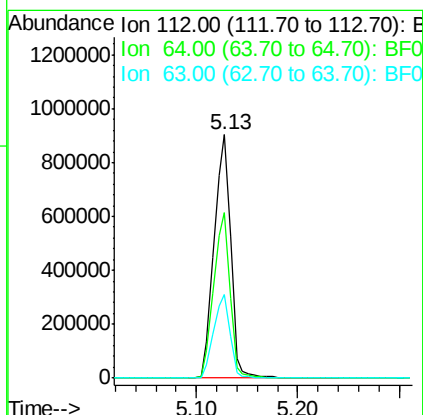
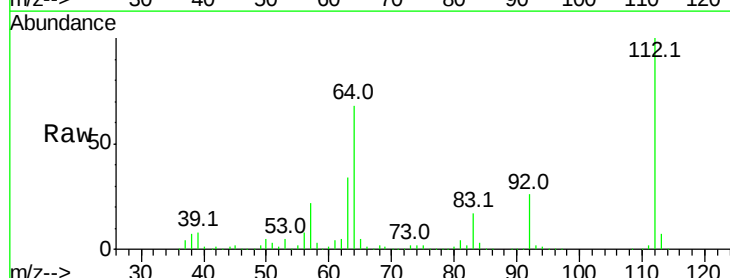
Tot Ion:152 Resp: 119907
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 67.4 52.2 78.2

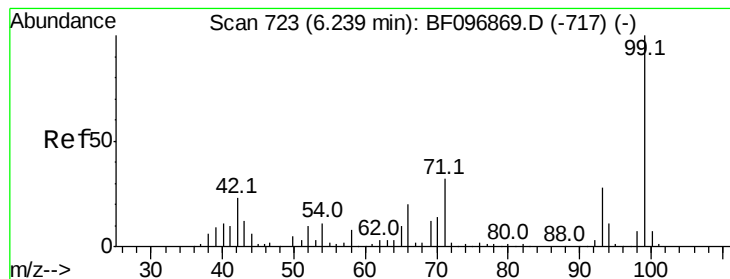


#5

2-Fluorophenol
Concen: 129.851 ng
RT: 5.13 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion:112 Resp: 1035527
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 34.2 23.4 35.0





#7

Phenol-d6

Concen: 137.906 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

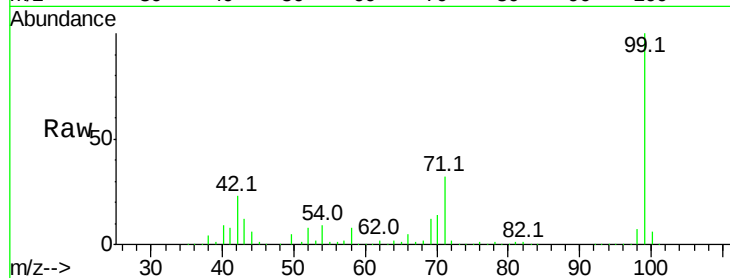
BNA_F

ClientSampleId :

E2-HS4-WSW

Tot Ion: 99 Resp: 1319751

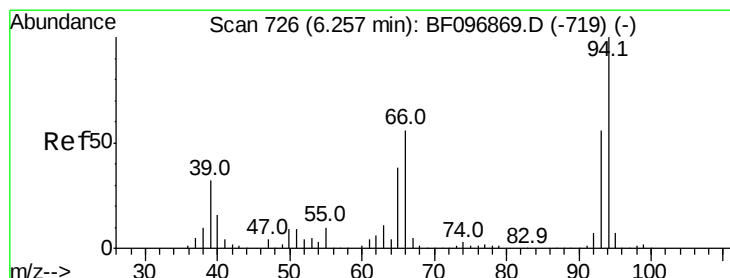
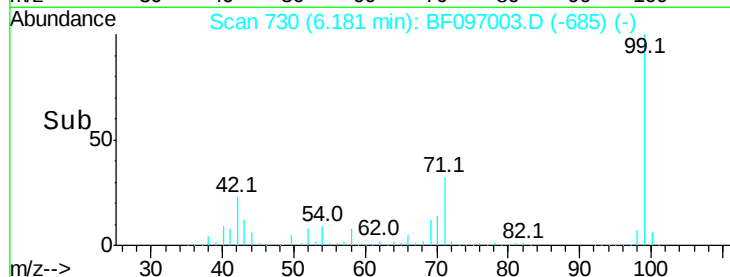
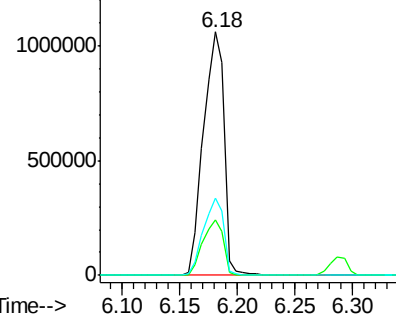
Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	32.0	24.5	36.7



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: 2.883 ng

RT: 6.19 min Scan# 732

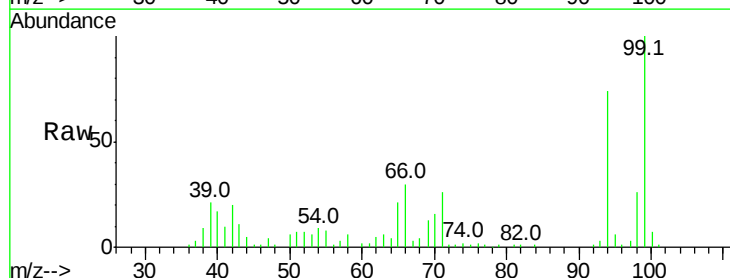
Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Tgt Ion: 94 Resp: 31185

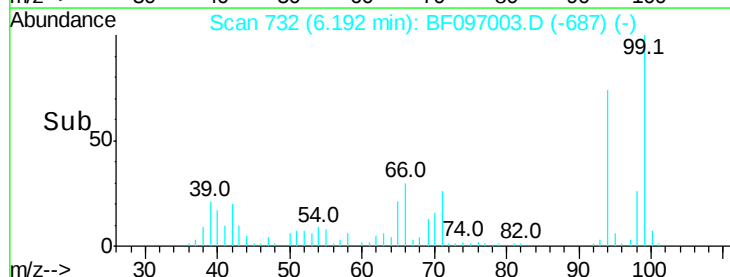
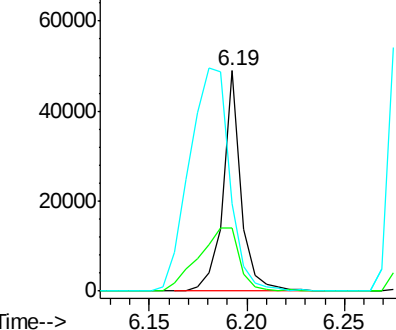
Ion	Ratio	Lower	Upper
94	100		
65	28.7	9.9	49.9
66	39.8	23.1	63.1

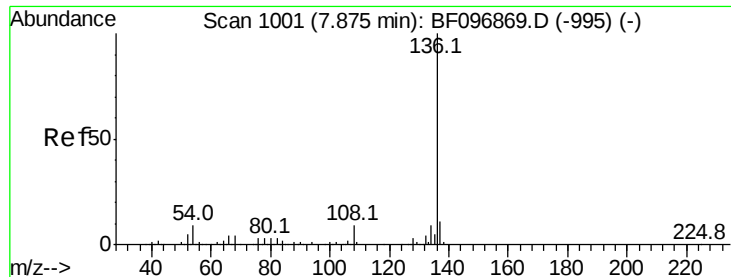


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.79 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

Tot Ion:136 Resp: 544045

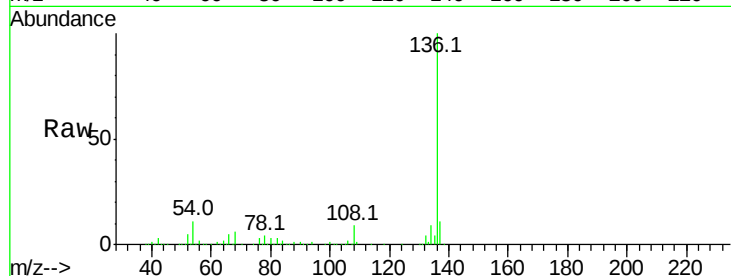
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.8 4.9 7.3#

68 6.1 4.1 6.1

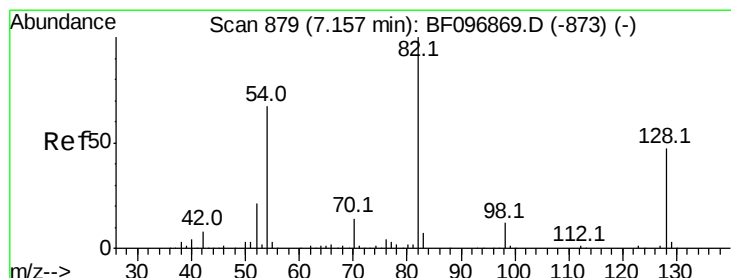
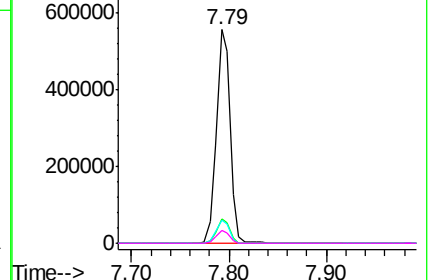
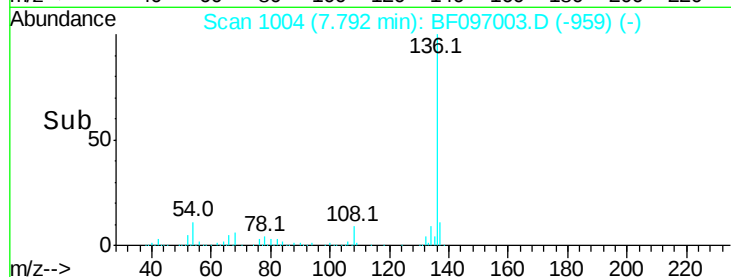


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.722 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

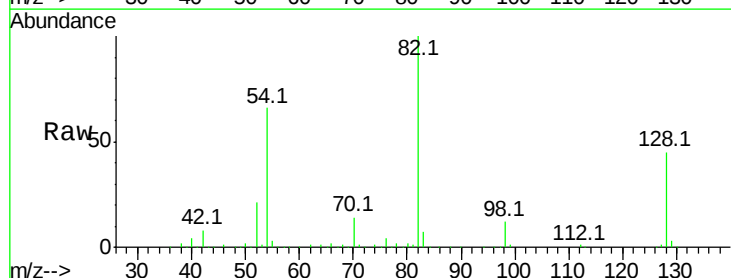
Tgt Ion: 82 Resp: 761706

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

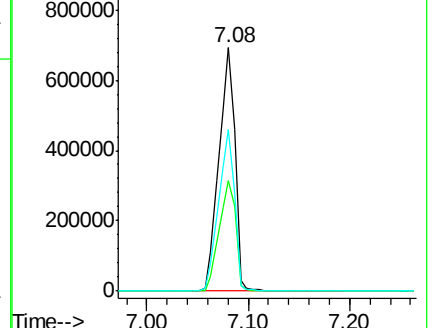
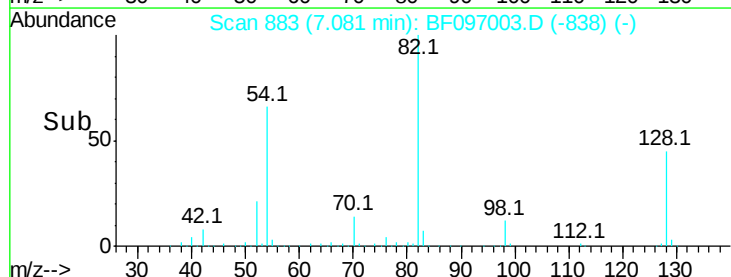
54 66.5 42.2 63.2#

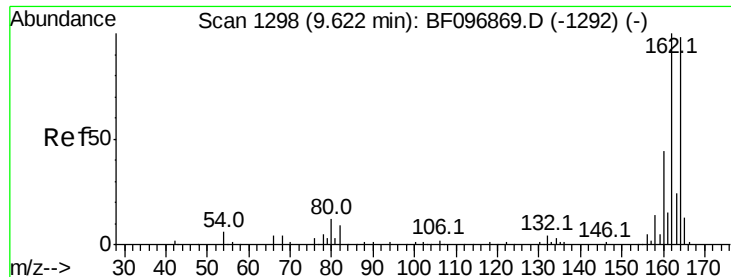


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

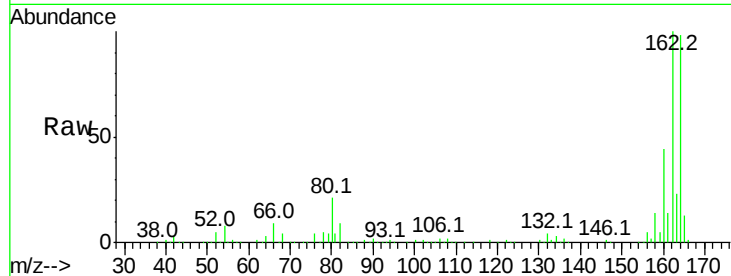




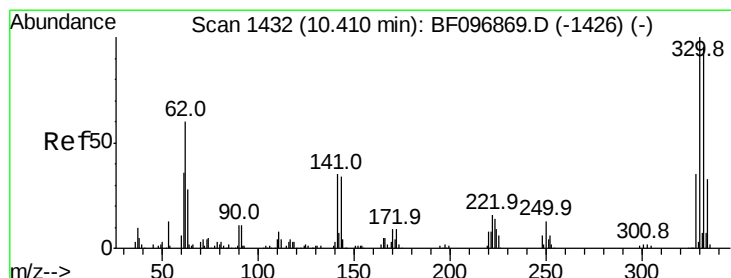
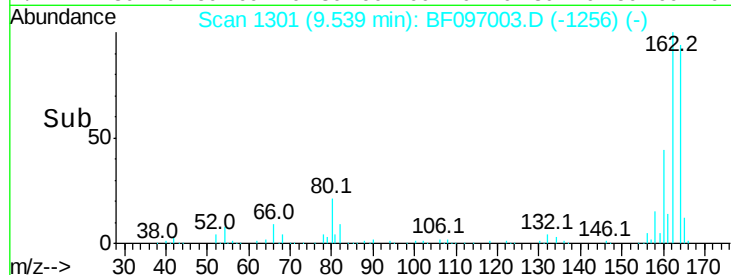
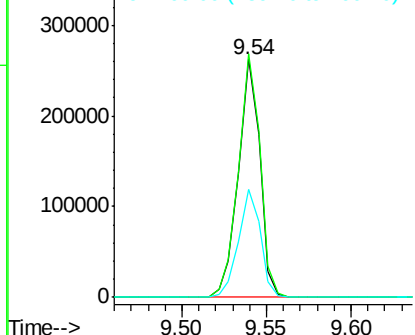
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

Tot Ion:164 Resp: 233190
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 45.2 36.2 54.2

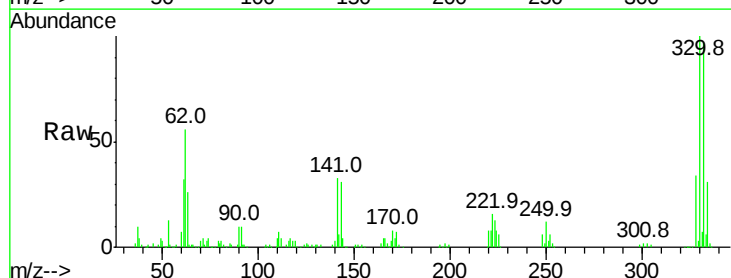


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

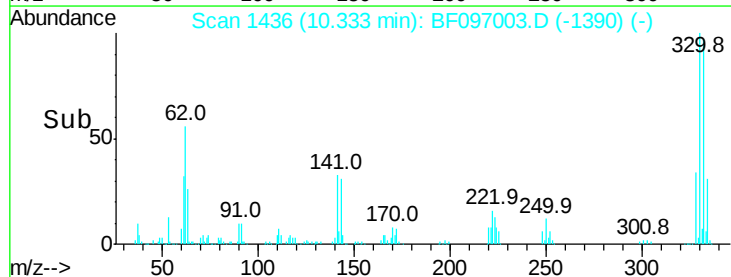
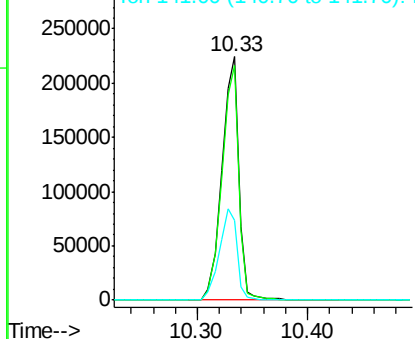


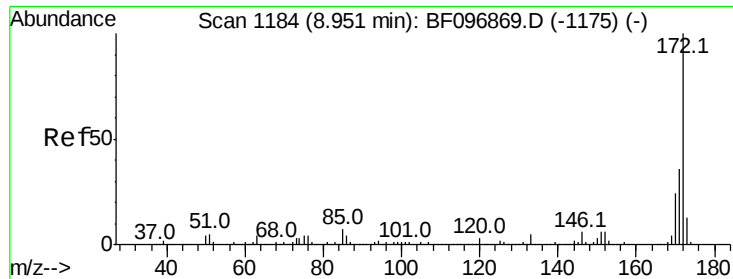
#41
 2,4,6-Tribromophenol
 Concen: 121.185 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Tgt Ion:330 Resp: 241215
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.0 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



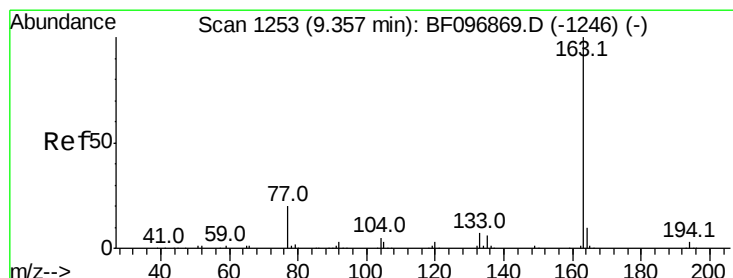
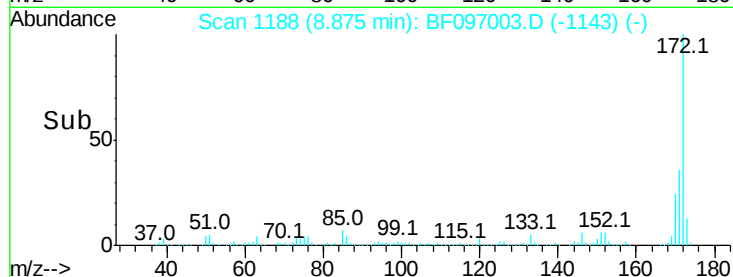
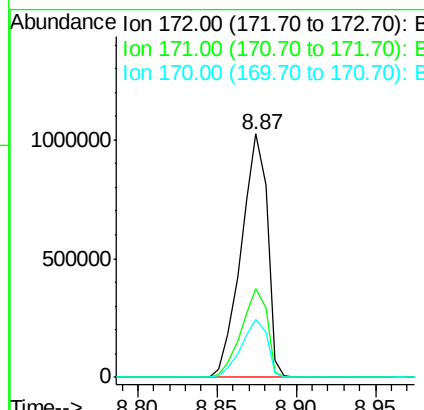
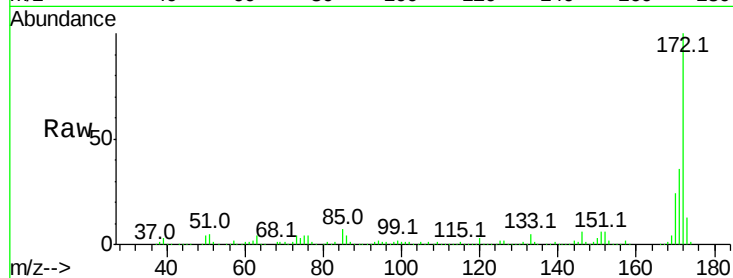


#44
 2-Fluorobiphenyl
 Concen: 79.214 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

Tot Ion:172 Resp: 1169162

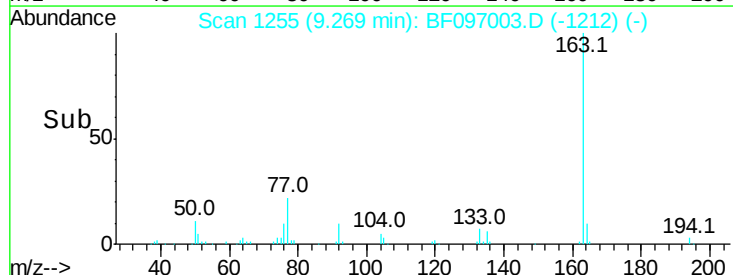
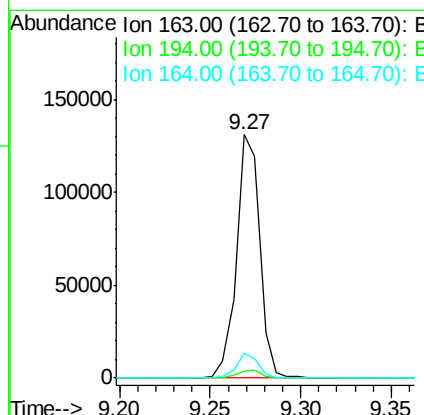
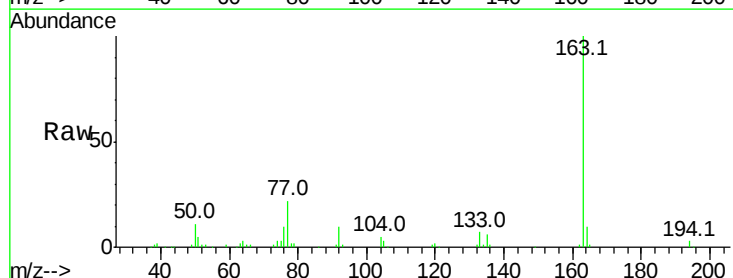
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8

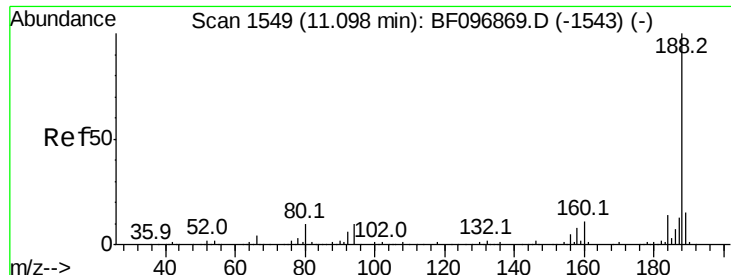


#49
 Dimethylphthalate
 Concen: 6.702 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Tgt Ion:163 Resp: 117669

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	10.0	8.4	12.6

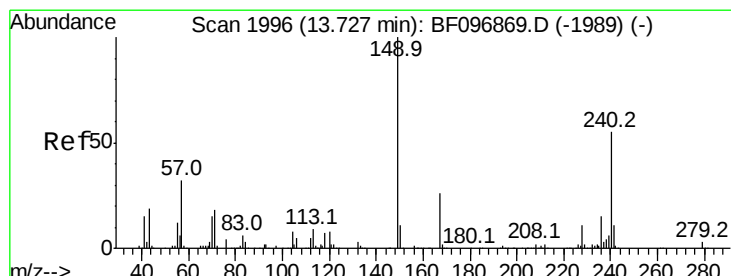
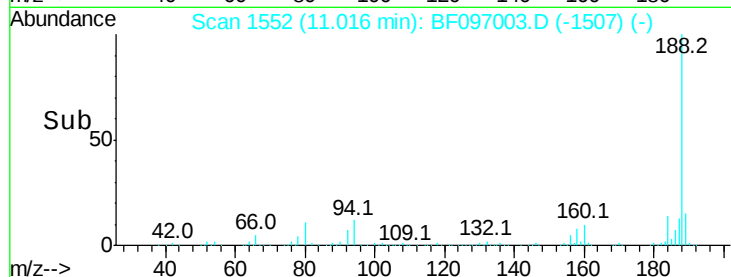
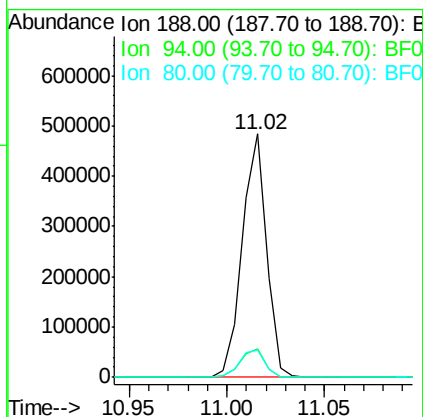
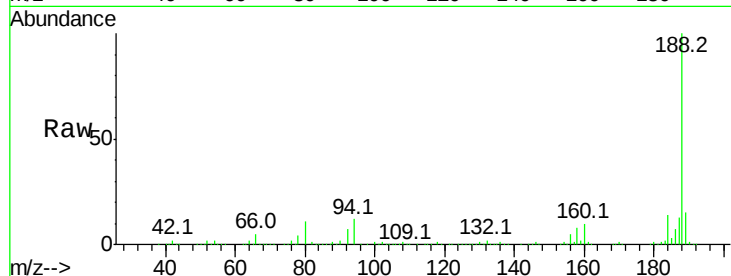




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

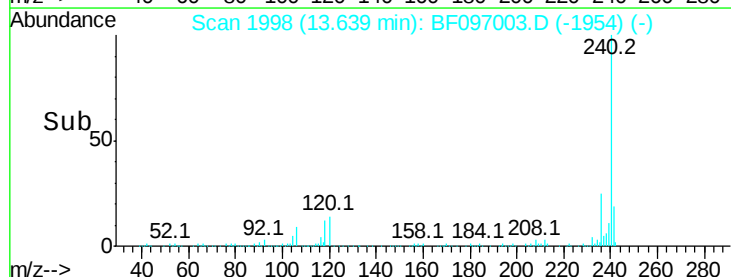
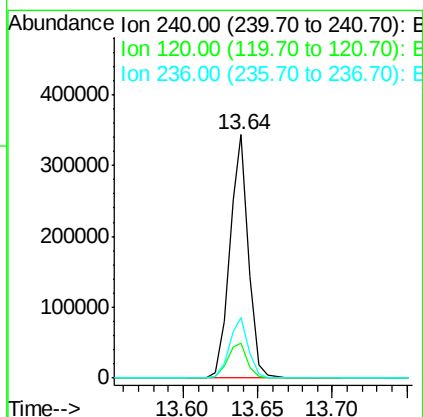
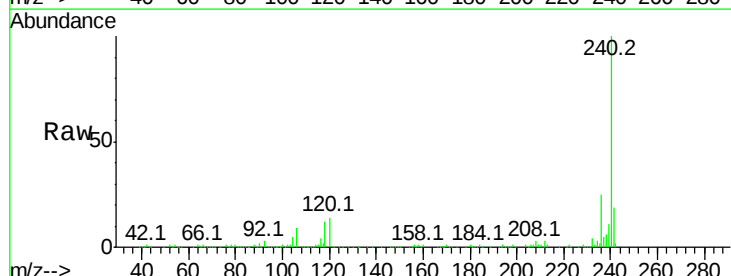
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

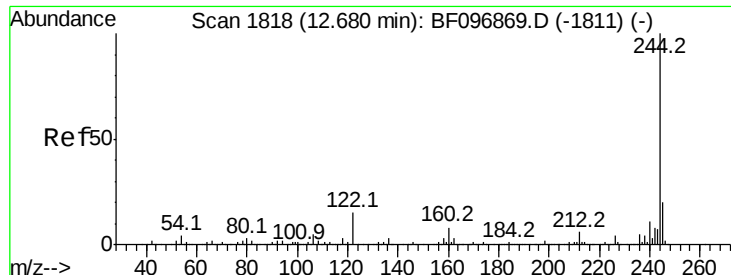
Tot Ion:188 Resp: 417428
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion:240 Resp: 302291
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.1 20.5 30.7





#78

Terphenyl-d14

Concen: 52.200 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

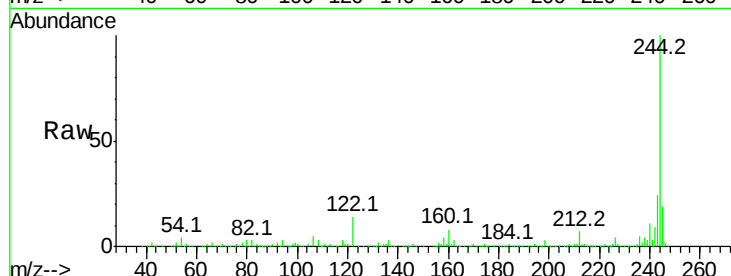
Tot Ion:244 Resp: 909865

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

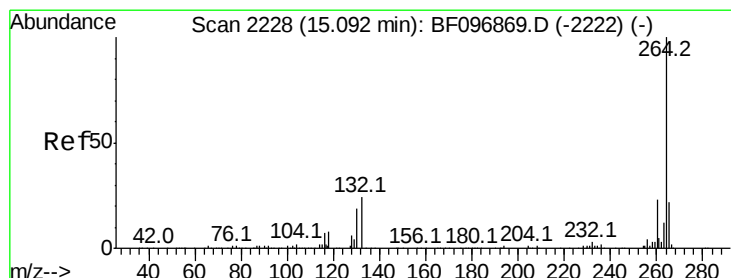
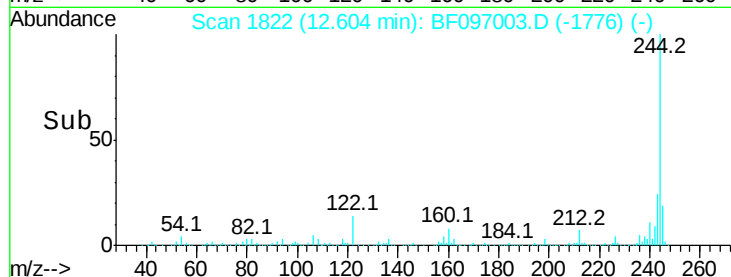
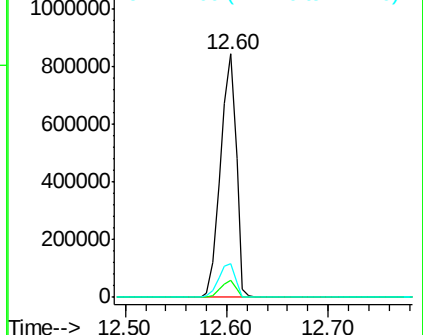
122 14.1 10.3 15.5



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: 20.000 ng

RT: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

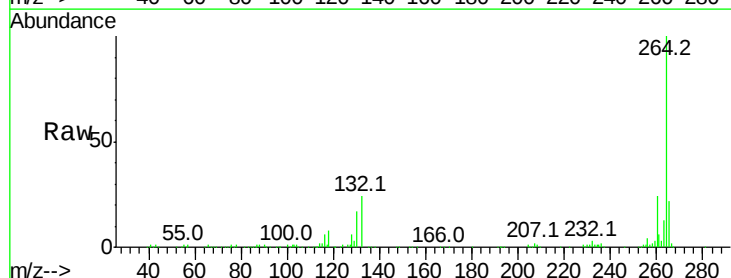
Tgt Ion:264 Resp: 210503

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.4 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

