

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097263.D
 Acq On : 2 Aug 2017 9:18
 Operator : SJ/JU
 Sample : I4493-03 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

Quant Time: Aug 02 11:46:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

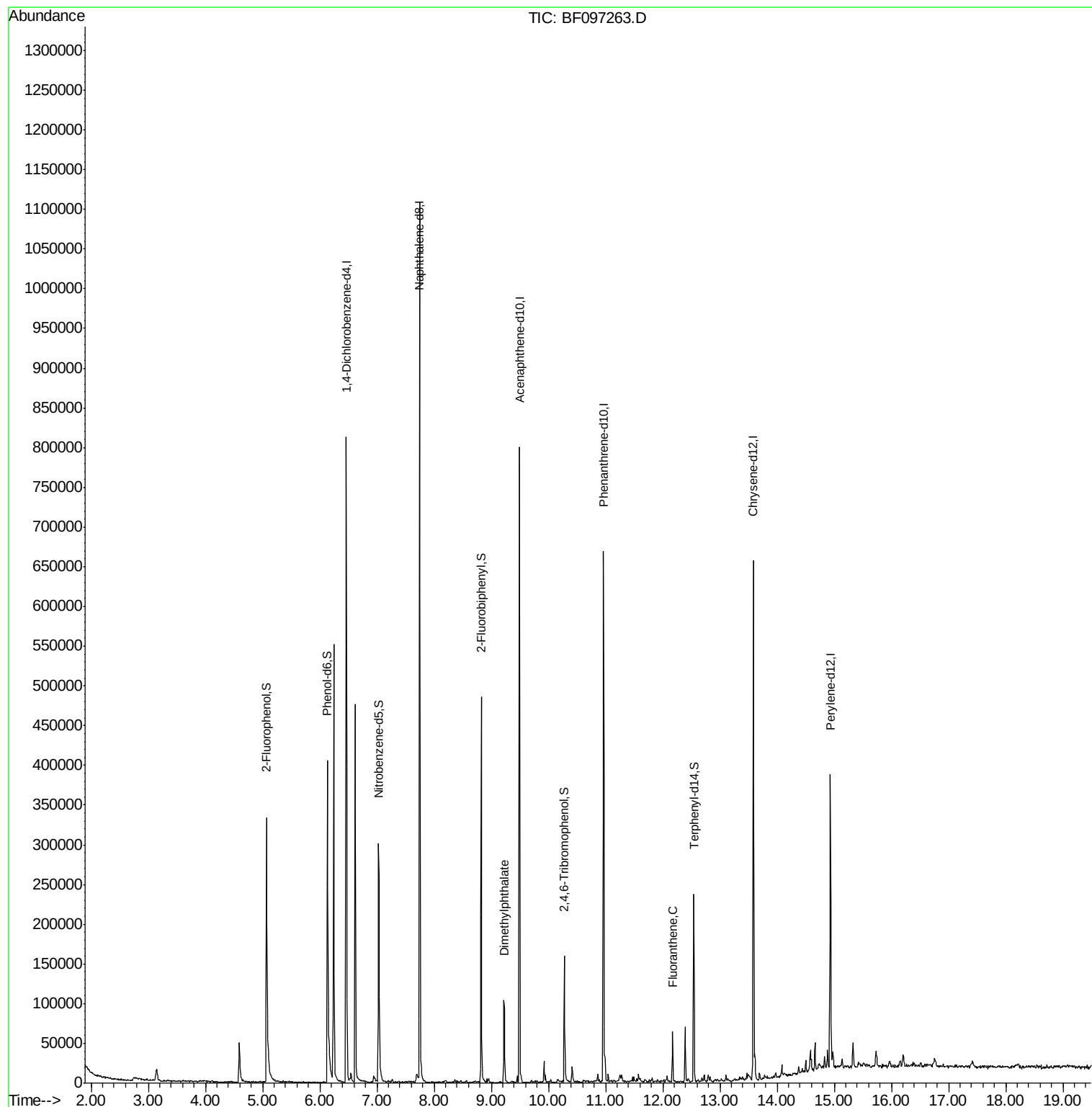
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	116275	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	462557	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	153761	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	211620	20.00	ng	0.00
75) Chrysene-d12	13.59	240	201530	20.00	ng	0.00
86) Perylene-d12	14.93	264	149351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	144995	18.80	ng	0.00
7) Phenol-d6	6.13	99	179942	20.44	ng	-0.01
23) Nitrobenzene-d5	7.03	82	100996	12.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	19687	16.21	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	134109	14.80	ng	-0.01
78) Terphenyl-d14	12.55	244	68705	6.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.22	163	46242	3.960	ng	99
74) Fluoranthene	12.17	202	25531	2.298	ng	98

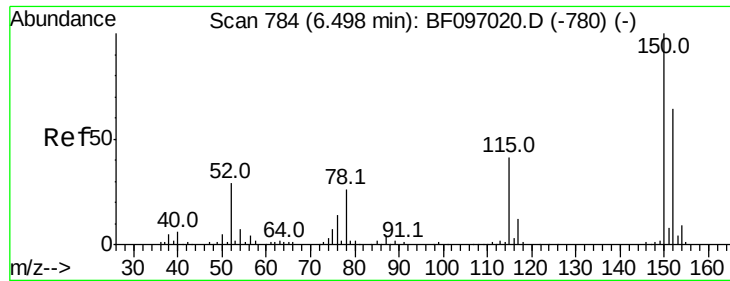
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampleId :

E2-HS6-ESW

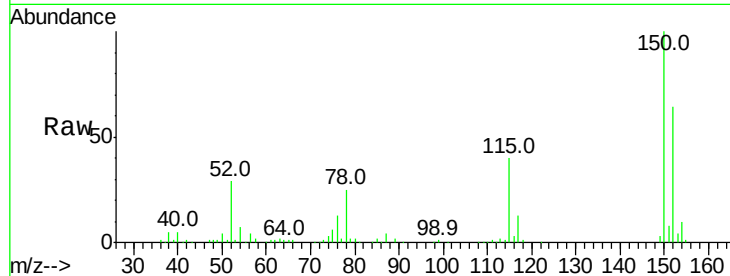
Tot Ion:152 Resp: 116275

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

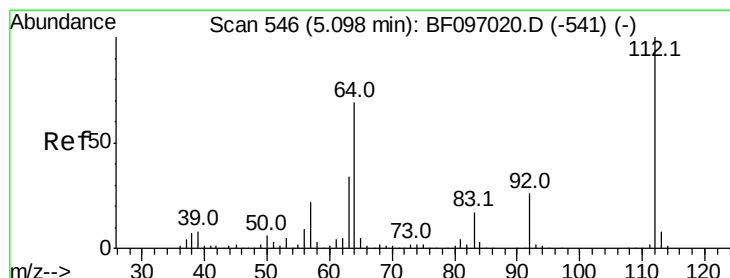
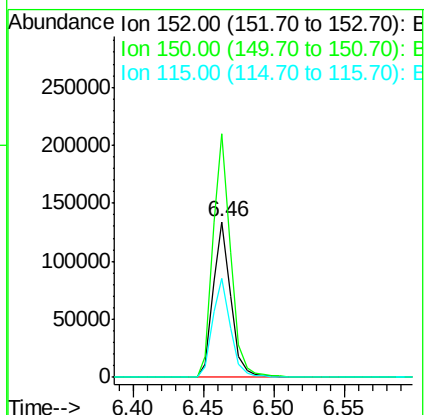
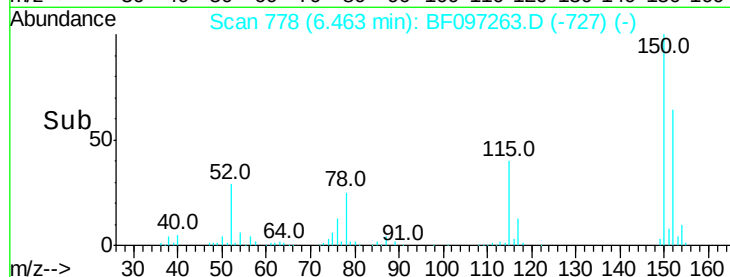
115 63.4 52.2 78.2



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: 18.798 ng

RT: 5.07 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

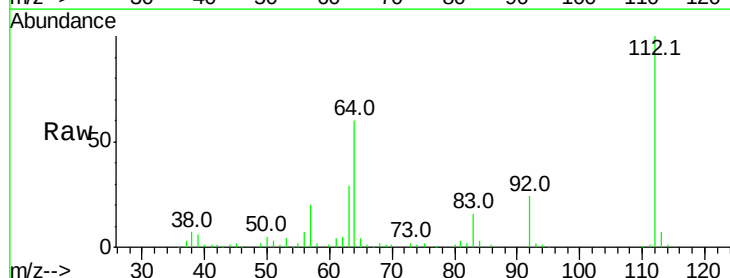
Tgt Ion:112 Resp: 144995

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

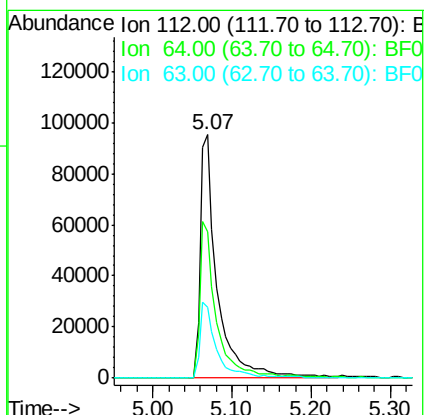
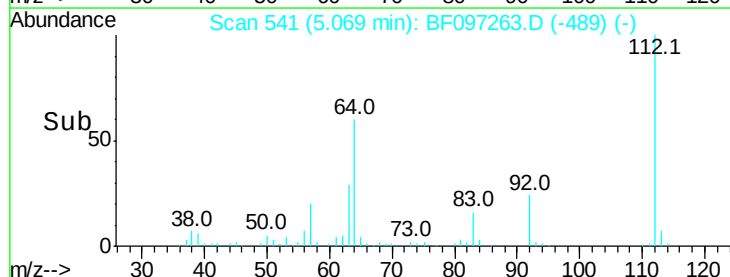
63 29.2 23.4 35.0

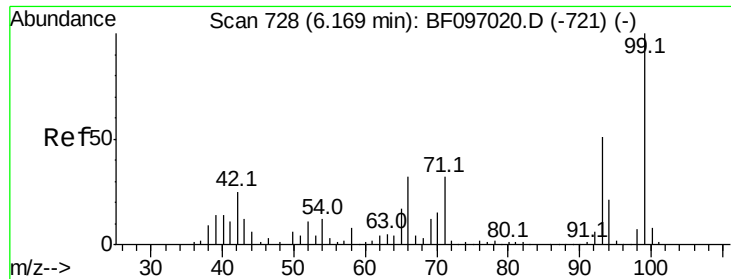


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.435 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

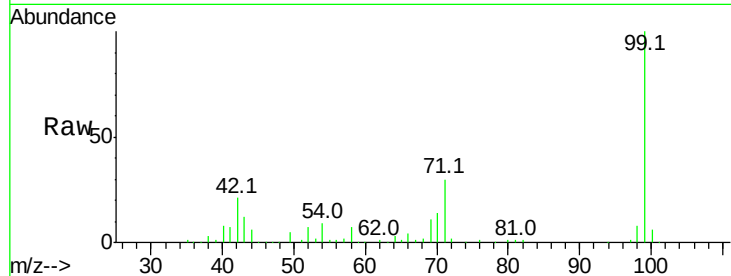
BNA_F

ClientSampleId :

E2-HS6-ESW

Tot Ion: 99 Resp: 179942

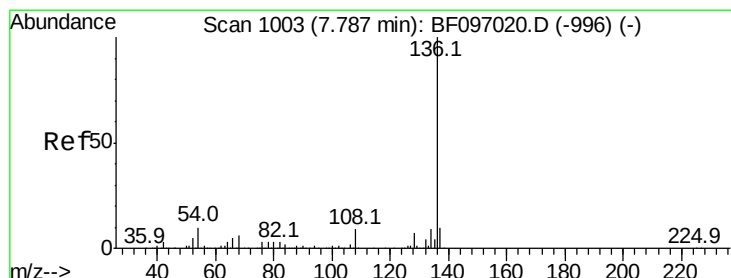
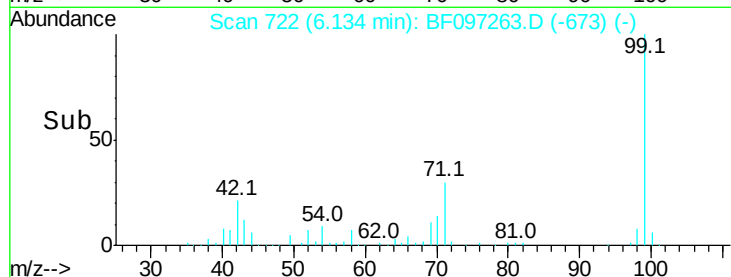
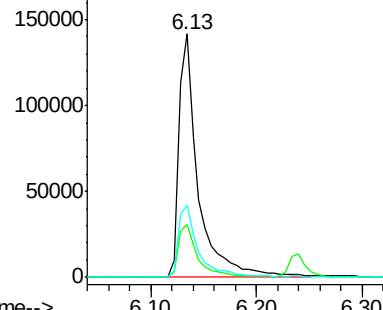
Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	29.6	24.5	36.7



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: 20.000 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Tgt Ion: 136 Resp: 462557

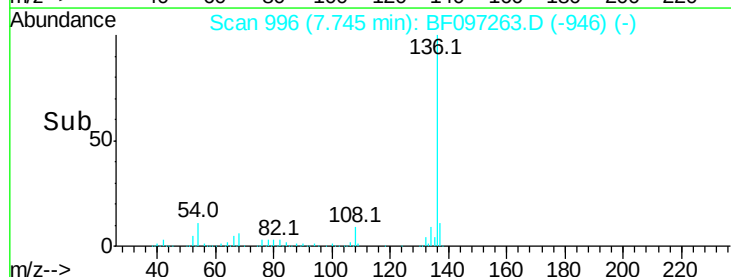
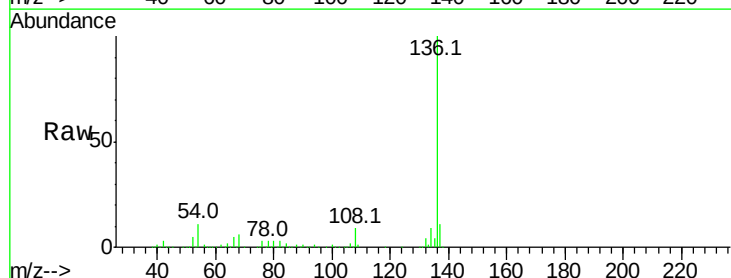
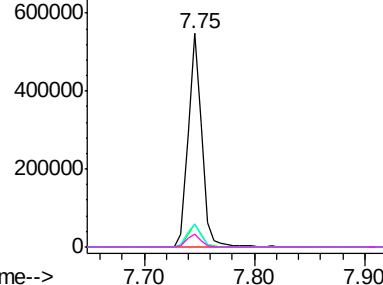
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.8	4.9	7.3#
68	6.0	4.1	6.1

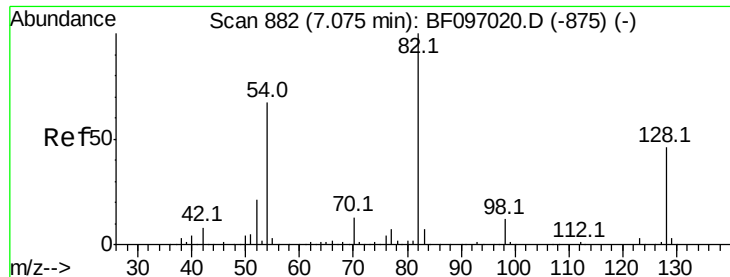
Abundance Ion 136.00 (135.70 to 136.70): E

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

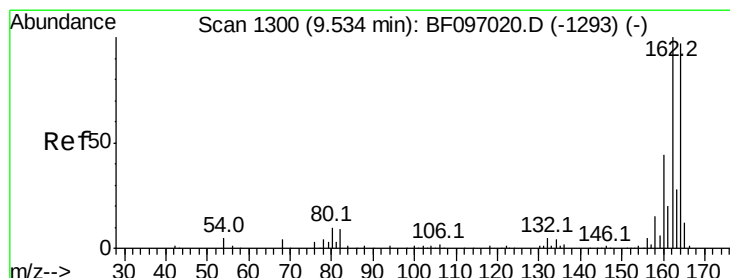
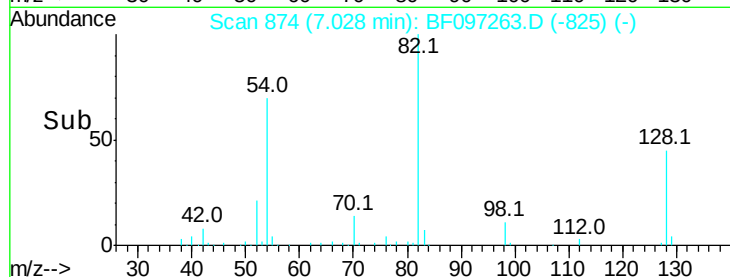
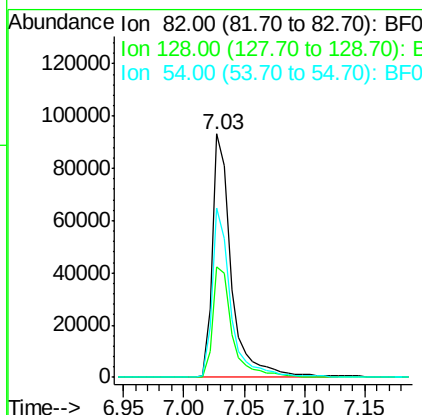
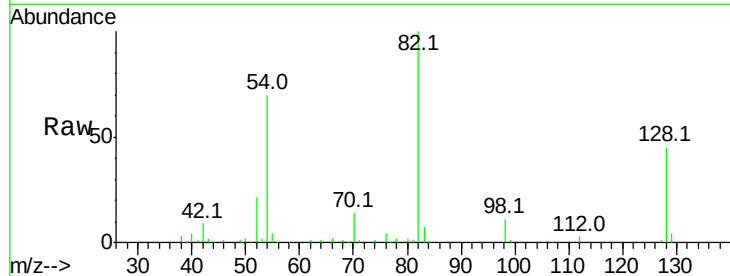




#23
 Nitrobenzene-d5
 Concen: 12.809 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

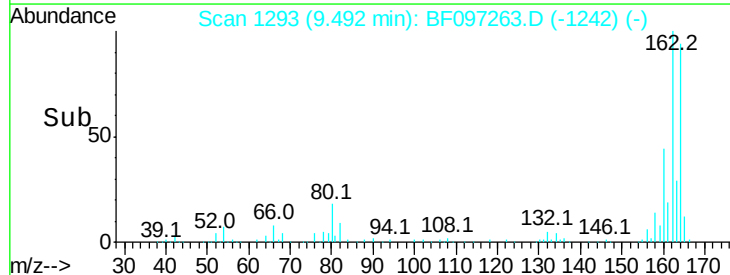
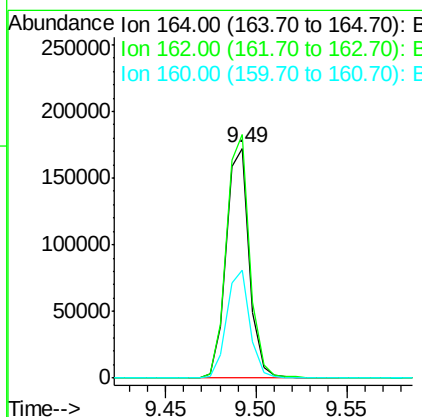
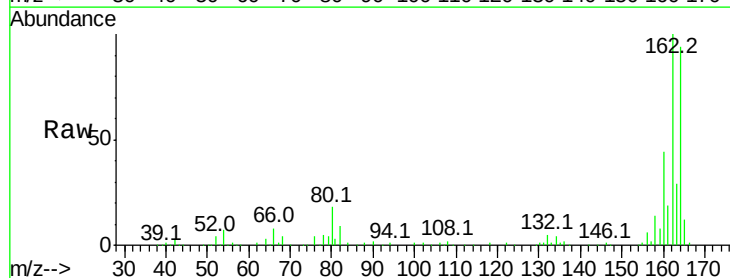
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

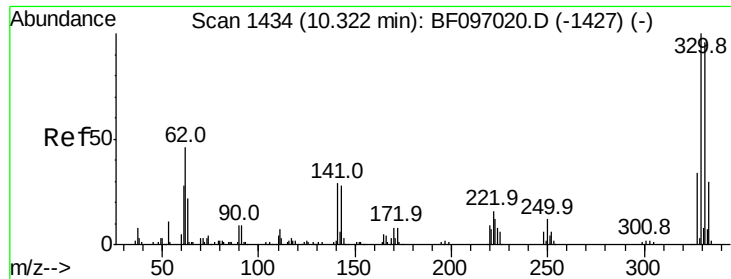
Tot Ion: 82 Resp: 100996
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 69.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion:164 Resp: 153761
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 46.8 36.2 54.2

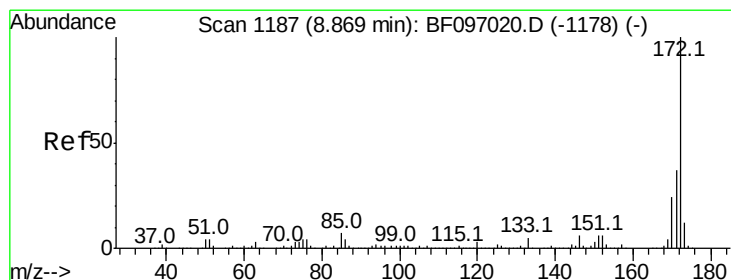
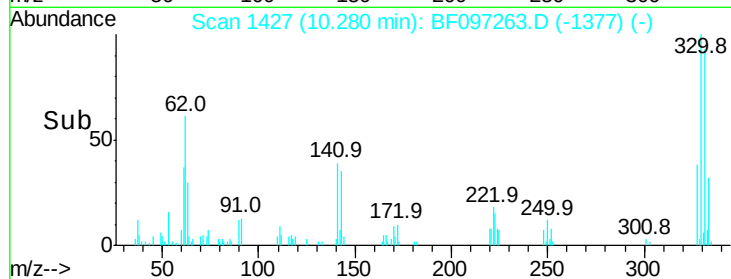
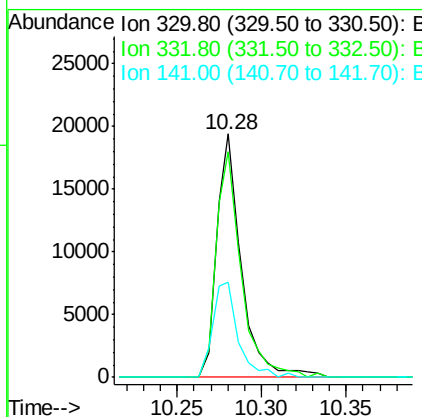
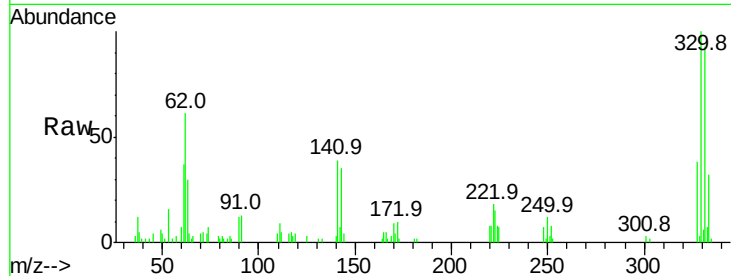




#41
 2,4,6-Tribromophenol
 Concen: 16.205 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

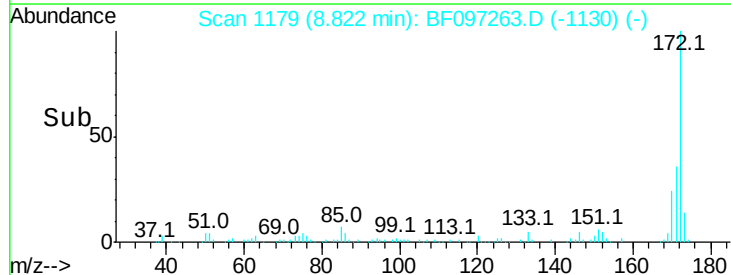
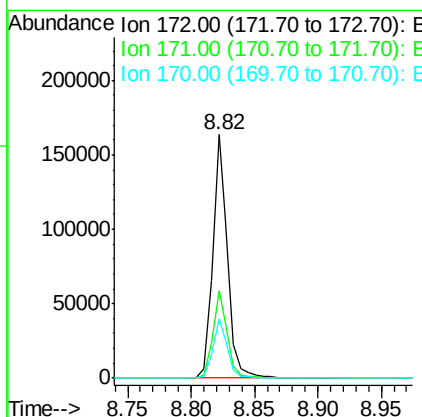
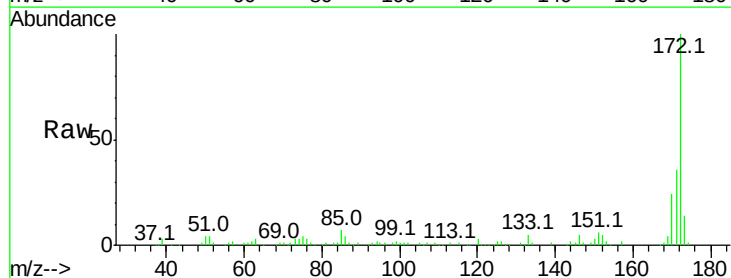
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

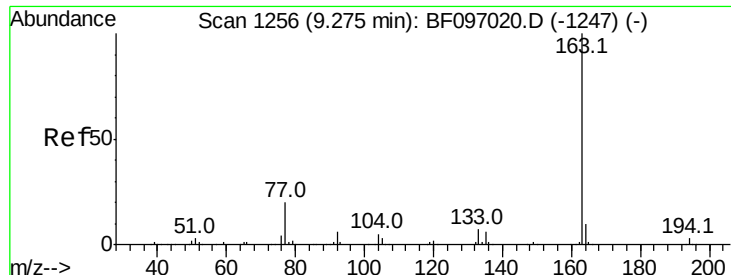
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	40.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 14.802 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	19.8	29.8

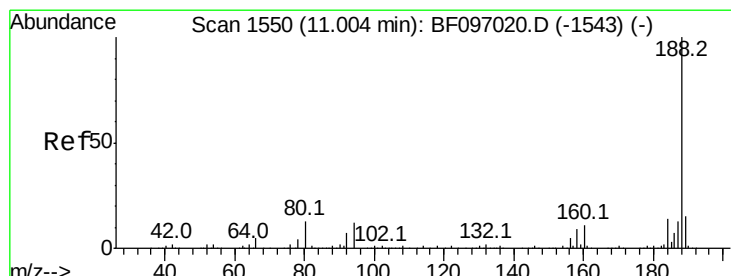
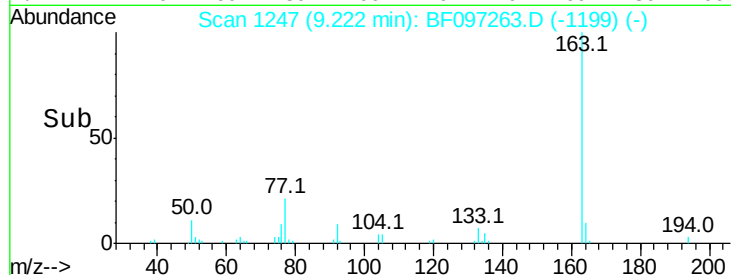
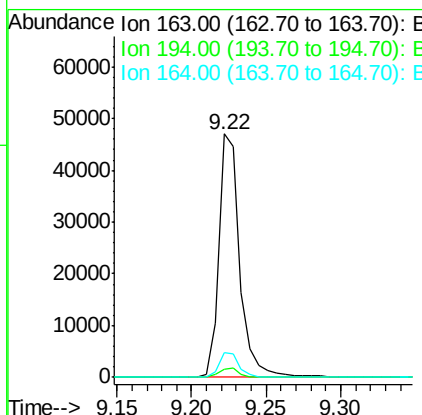
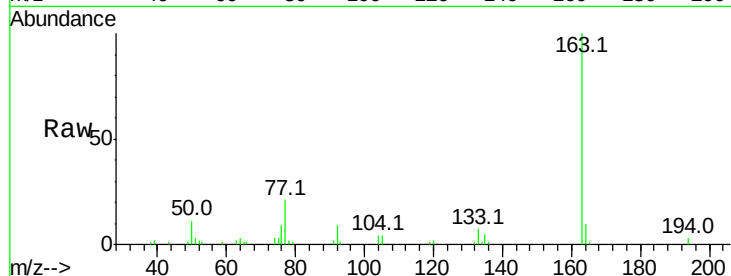




#49
Dimethylphthalate
Concen: 3.960 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

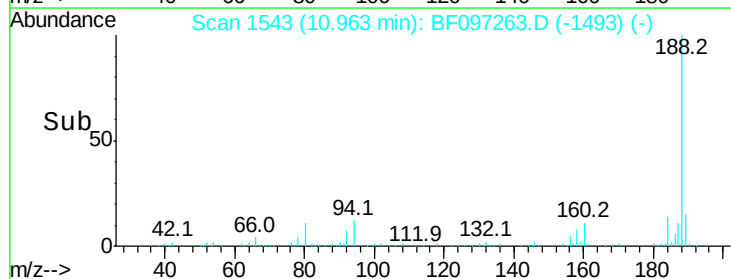
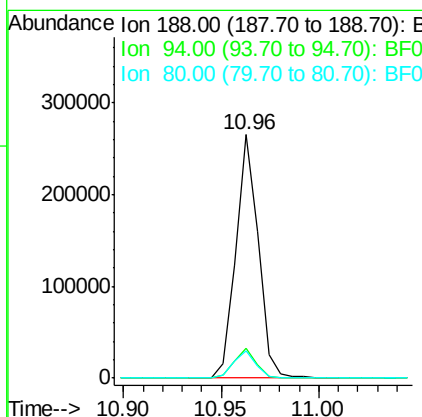
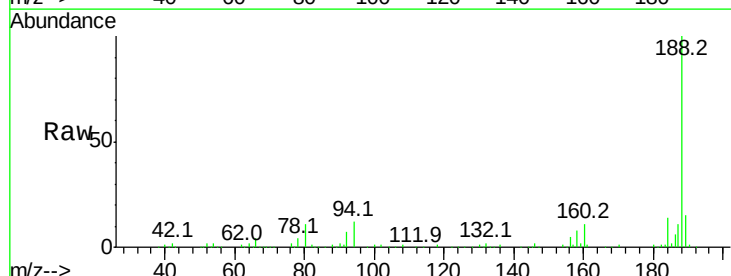
Instrument :
BNA_F
ClientSampleId :
E2-HS6-ESW

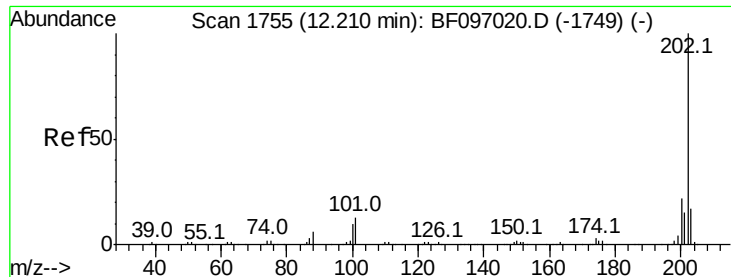
Tot Ion:163 Resp: 46242
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF097263.D
Acq: 2 Aug 2017 9:18

Tgt Ion:188 Resp: 211620
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 11.1 10.2 15.2

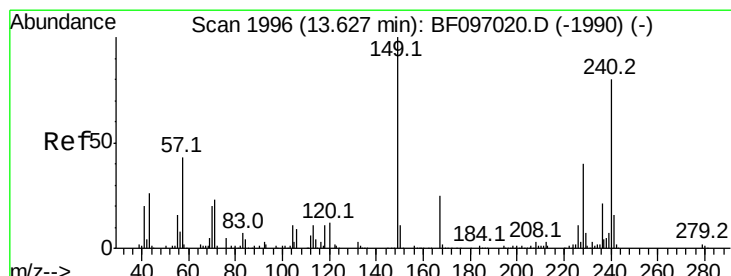
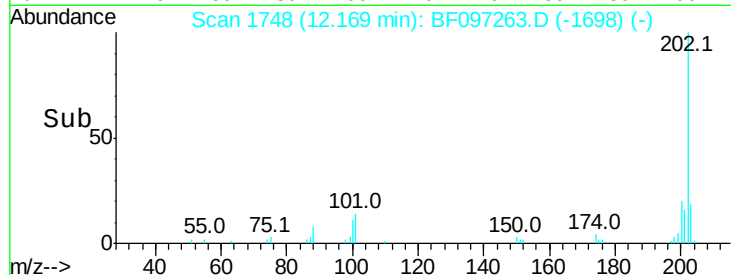
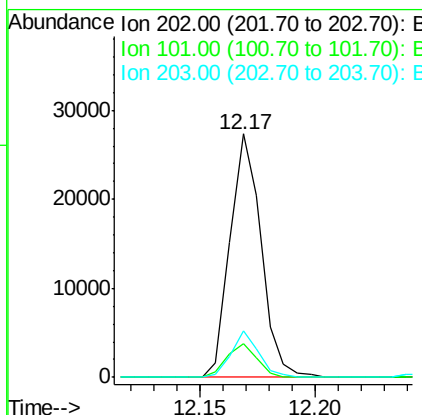
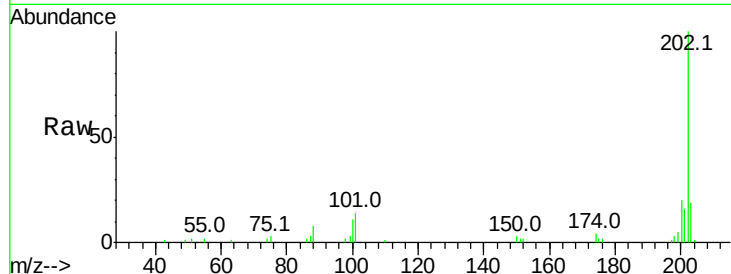




#74
 Fluoranthene
 Concen: 2.298 ng
 RT: 12.17 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

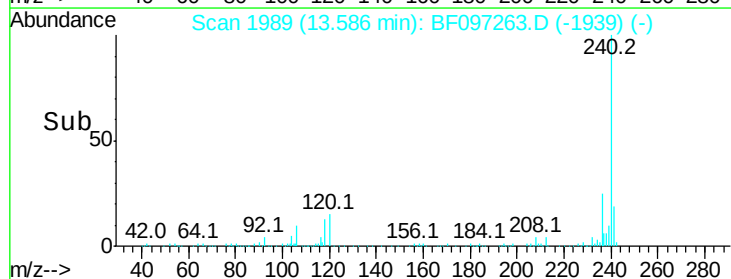
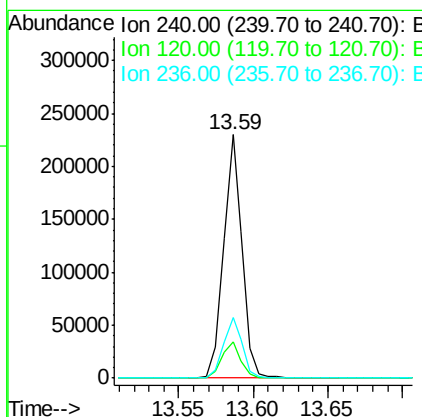
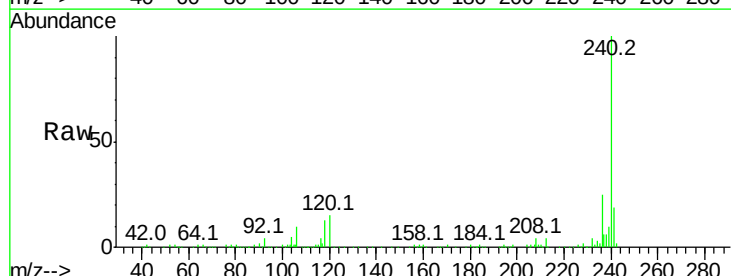
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-ESW

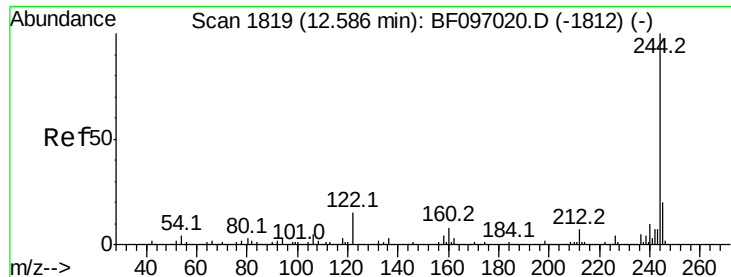
Tot Ion:	202	Resp:	25531
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	19.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF097263.D
 Acq: 2 Aug 2017 9:18

Tgt Ion:	240	Resp:	201530
Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.8	20.5	30.7





#78

Terphenyl-d14

Concen: 6.951 ng

RT: 12.55 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

Instrument :

BNA_F

ClientSampleId :

E2-HS6-ESW

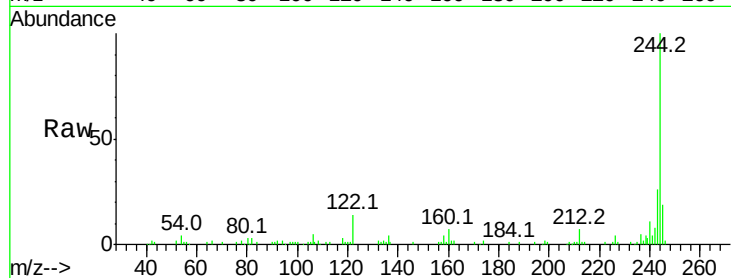
Tot Ion:244 Resp: 68705

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

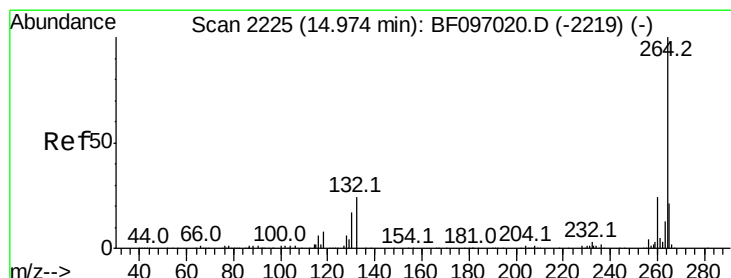
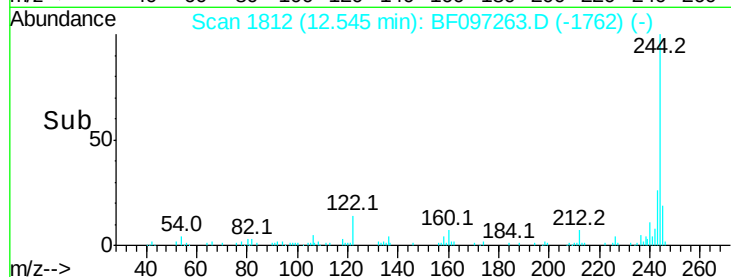
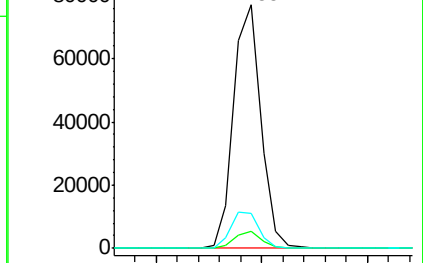
122 14.4 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF097263.D

Acq: 2 Aug 2017 9:18

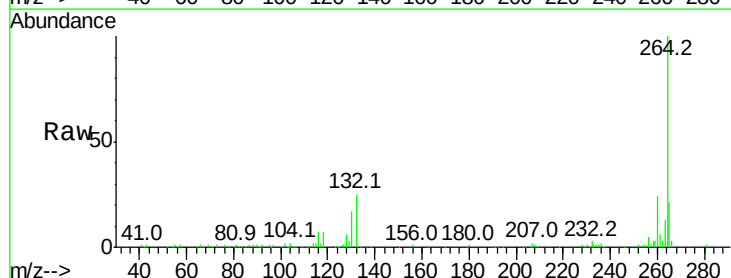
Tgt Ion:264 Resp: 149351

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.5 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

