

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097421.D
 Acq On : 6 Aug 2017 5:39
 Operator : SJ/JU
 Sample : I4601-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20S-194-293-20S-195-COMP

Quant Time: Aug 06 08:06:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

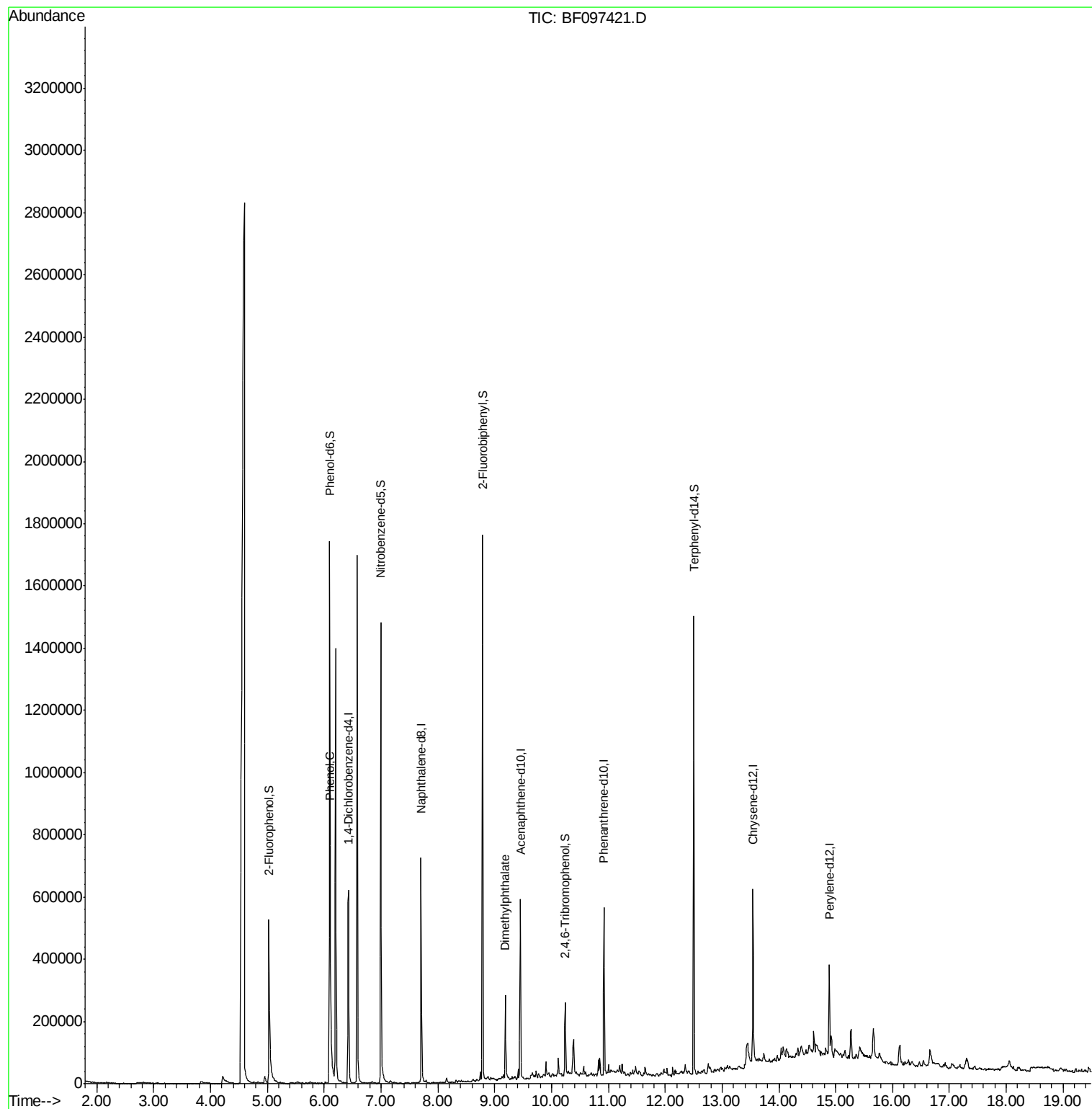
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	100963	20.00	ng	-0.07
21) Naphthalene-d8	7.70	136	348580	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	109631	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	177937	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	182903	20.00	ng	-0.08
86) Perylene-d12	14.89	264	110311	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	222153	33.17	ng	-0.07
7) Phenol-d6	6.10	99	687241	89.88	ng	-0.07
23) Nitrobenzene-d5	7.00	82	449594	75.66	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	27393	31.62	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	530973	82.20	ng	-0.08
78) Terphenyl-d14	12.50	244	429200	47.84	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	24321	2.682	ng	Qvalue # 74
49) Dimethylphthalate	9.19	163	101809	12.229	ng	97

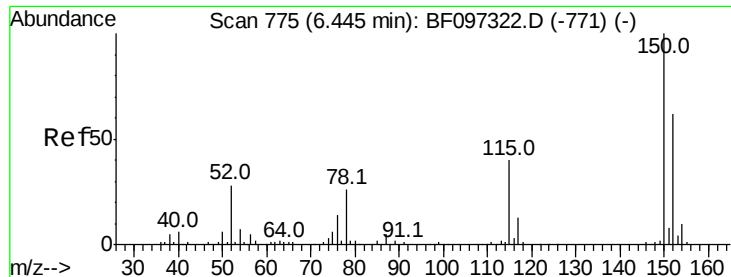
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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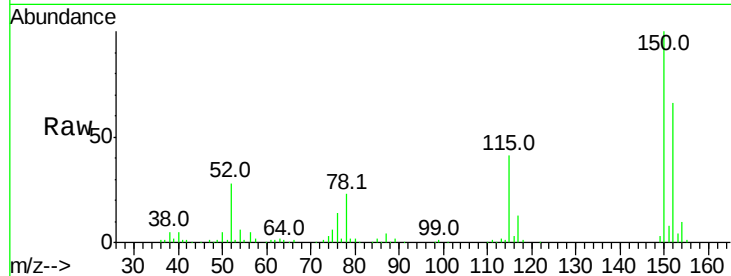


#1

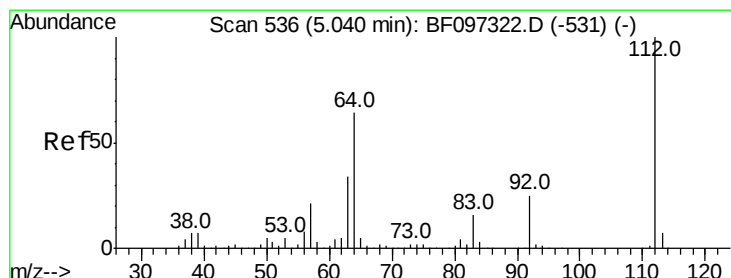
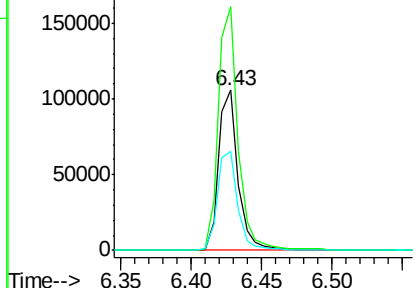
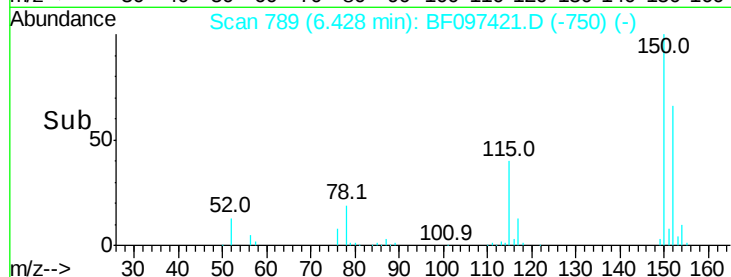
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.43 min Scan# 789
 Delta R.T. -0.07 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 20S-194-293-20S-195-COMP

Tot Ion:152 Resp: 100963
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.2 189.2
 115 61.7 52.2 78.2



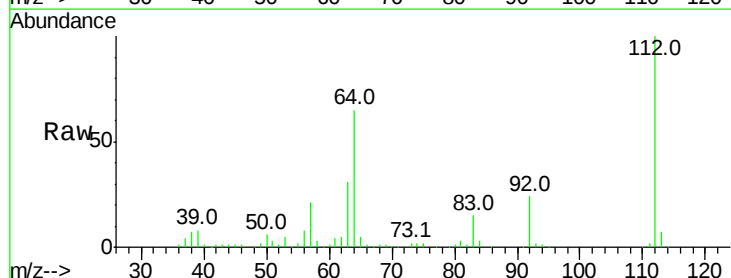
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



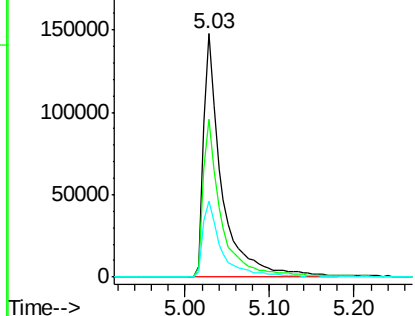
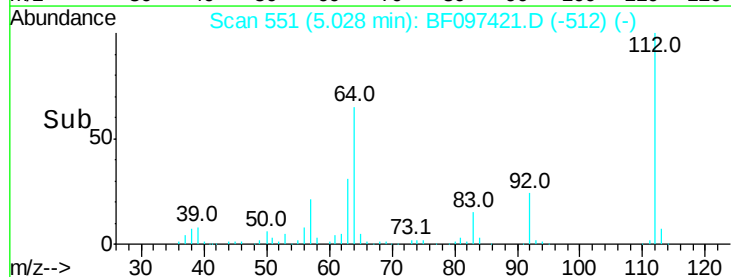
#5

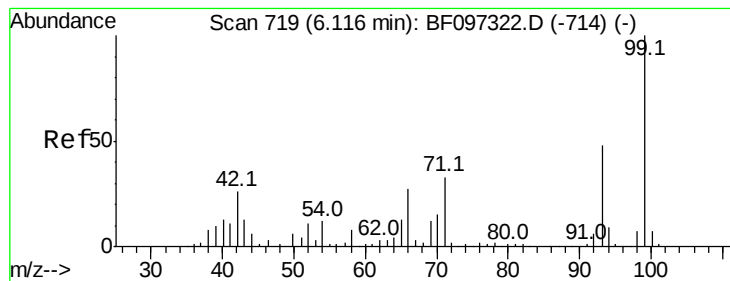
2-Fluorophenol
 Concen: 33.170 ng
 RT: 5.03 min Scan# 551
 Delta R.T. -0.07 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Tgt Ion:112 Resp: 222153
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.0 69.0
 63 31.4 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: 89.883 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

Instrument :

BNA_F

ClientSampleId :

20S-194-293-20S-195-COMP

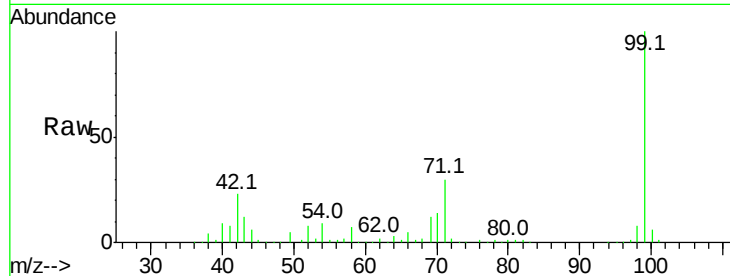
Tot Ion: 99 Resp: 687241

Ion Ratio Lower Upper

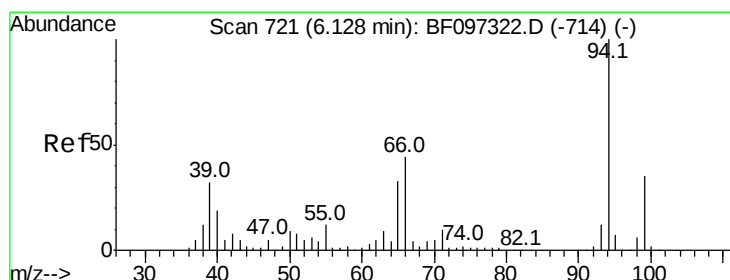
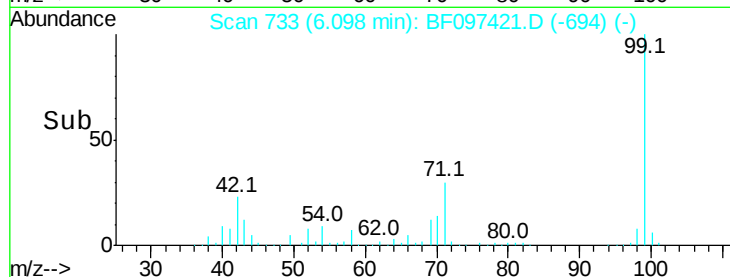
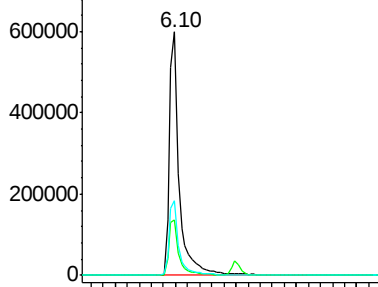
99 100

42 22.7 13.5 20.3#

71 30.5 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: 2.682 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

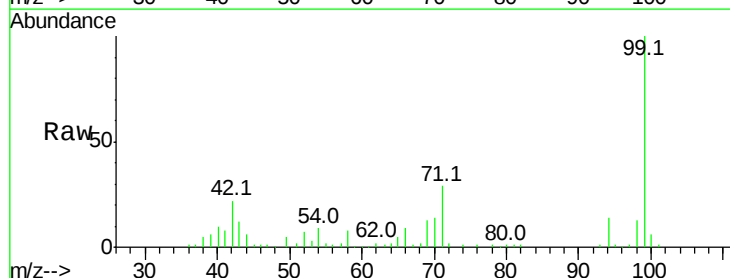
Tgt Ion: 94 Resp: 24321

Ion Ratio Lower Upper

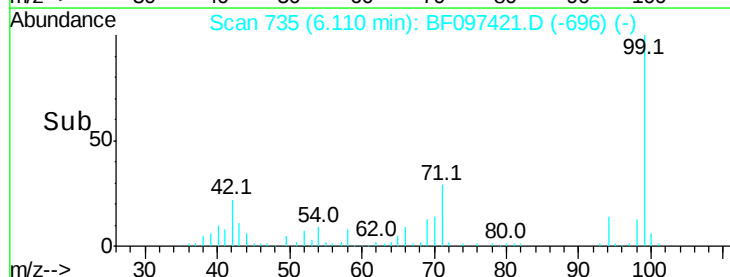
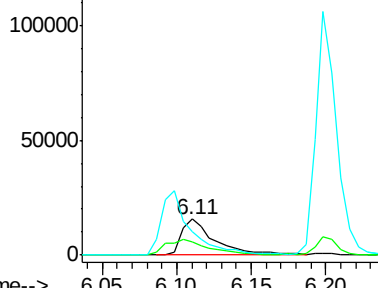
94 100

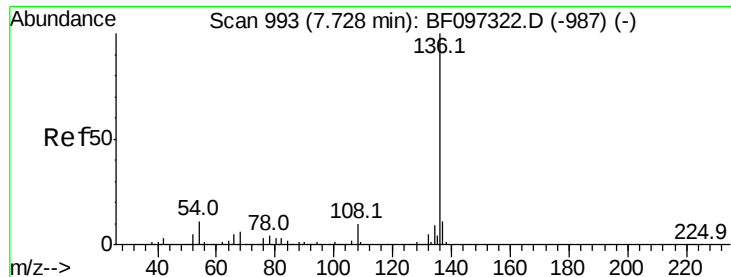
65 36.3 9.9 49.9

66 66.2 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: 7.70 min Scan# 1006

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

Instrument :

BNA_F

ClientSampleId :

20S-194-293-20S-195-COMP

Tot Ion:136 Resp: 348580

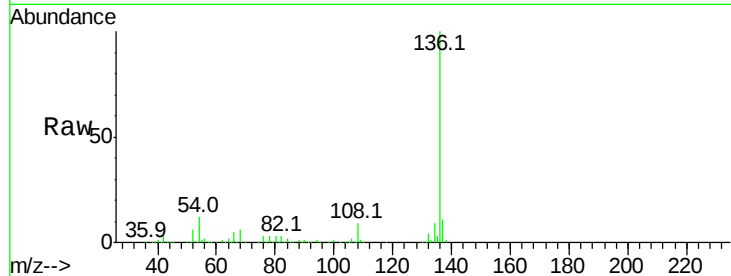
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.6 4.9 7.3#

68 5.8 4.1 6.1

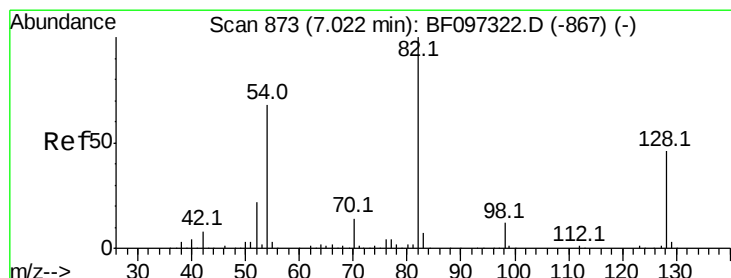
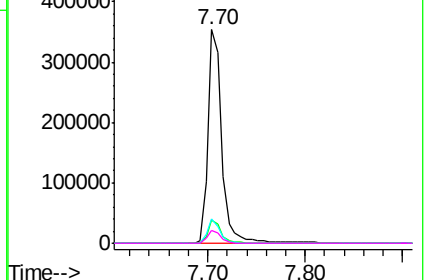
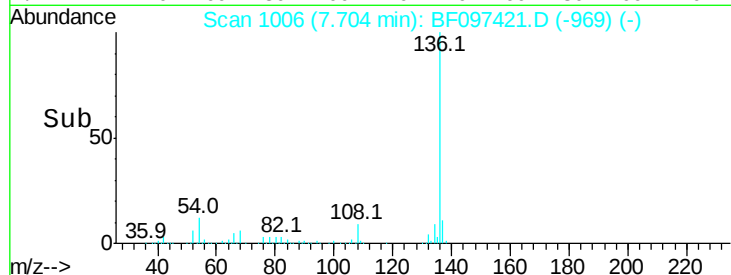


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.664 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

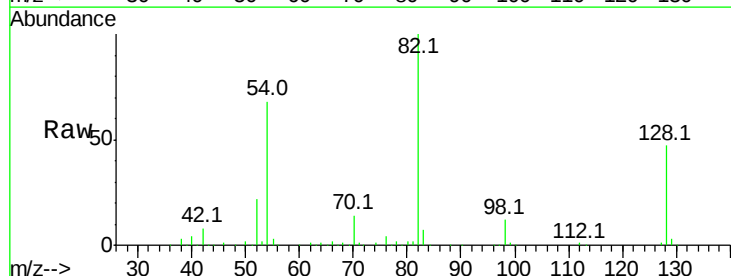
Tgt Ion: 82 Resp: 449594

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

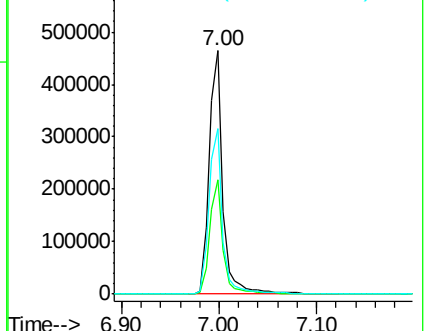
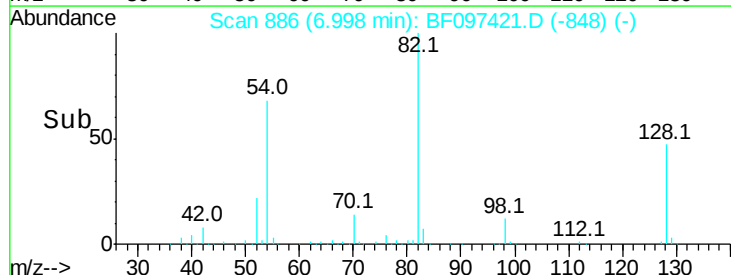
54 67.7 42.2 63.2#

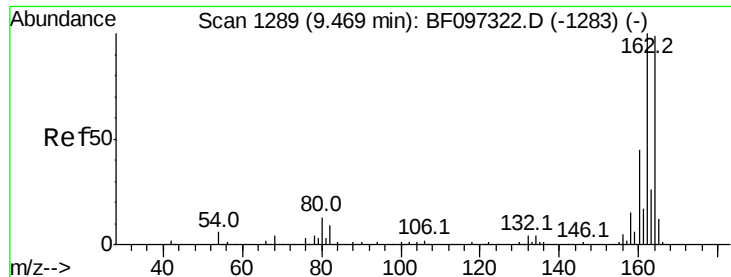


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

Instrument :

BNA_F

ClientSampleId :

20S-194-293-20S-195-COMP

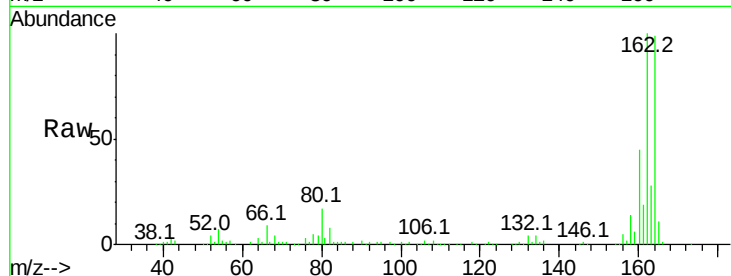
Tot Ion:164 Resp: 109631

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

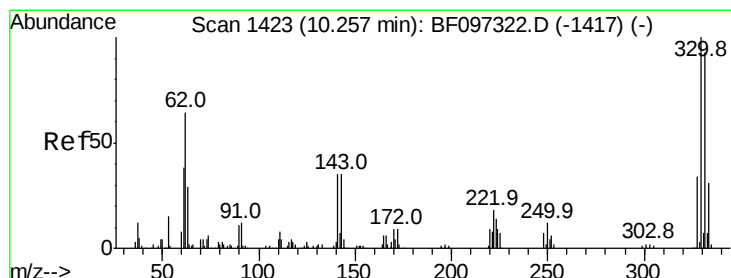
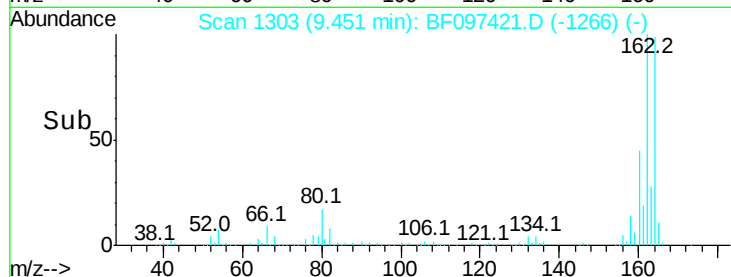
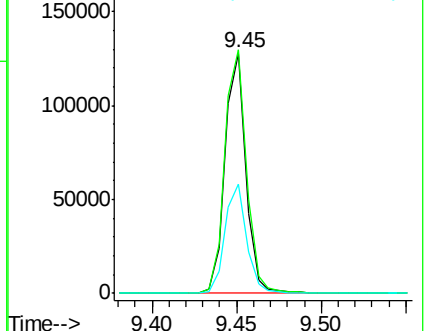
160 45.4 36.2 54.2



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: 31.625 ng

RT: 10.24 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

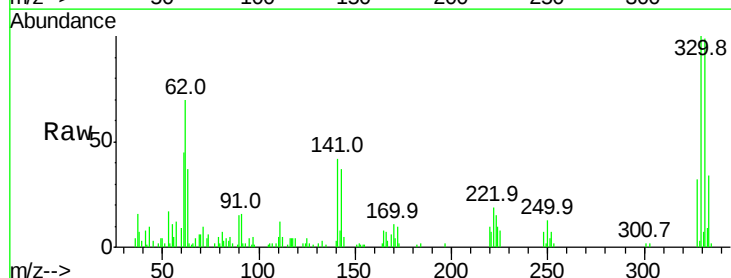
Tgt Ion:330 Resp: 27393

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

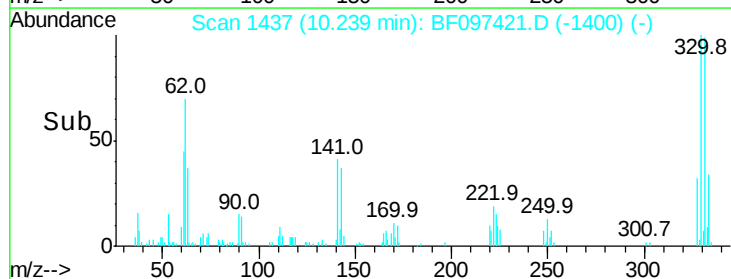
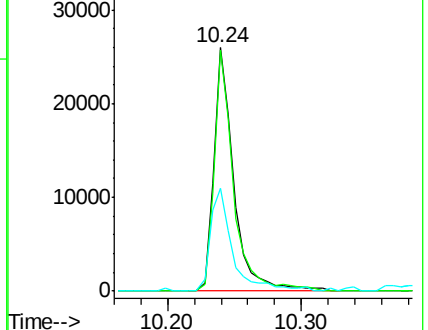
141 46.3 31.4 47.2

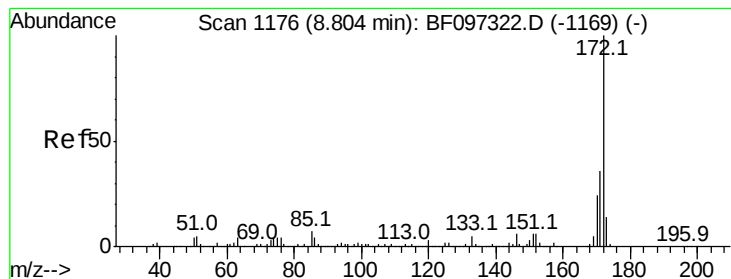


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.195 ng

RT: 8.79 min Scan# 1190

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

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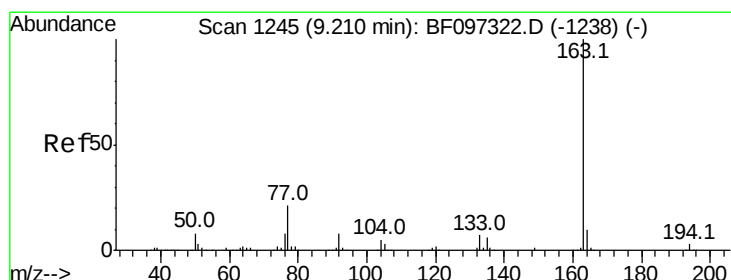
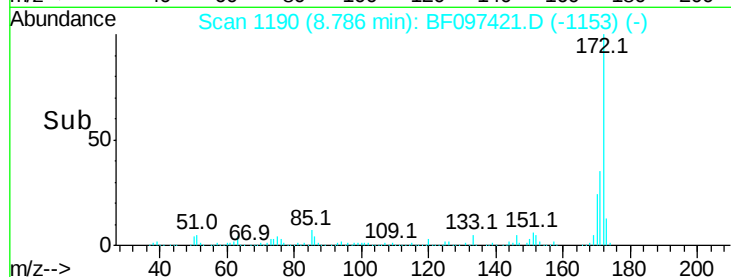
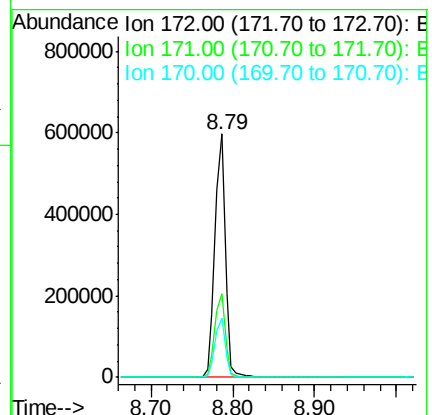
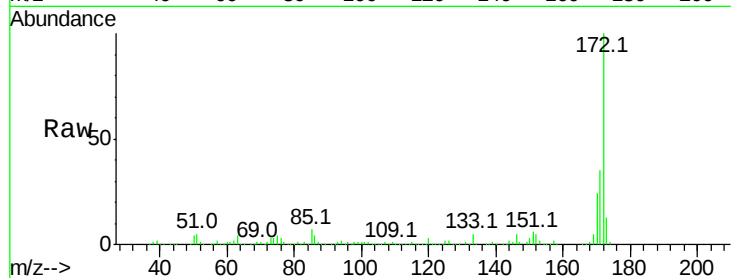
Tot Ion:172 Resp: 530973

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

170 24.1 19.8 29.8



#49

Dimethylphthalate

Concen: 12.229 ng

RT: 9.19 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

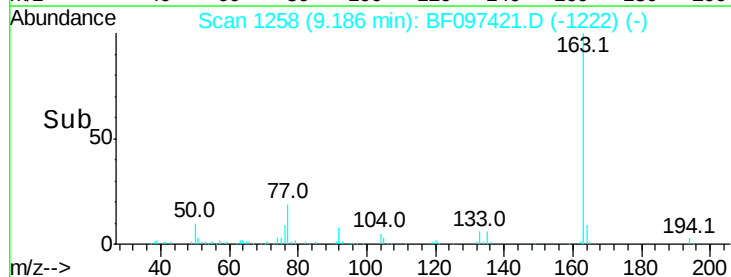
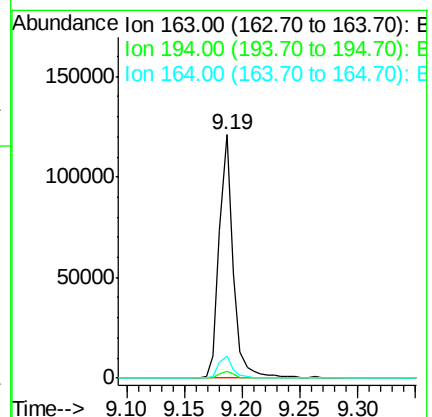
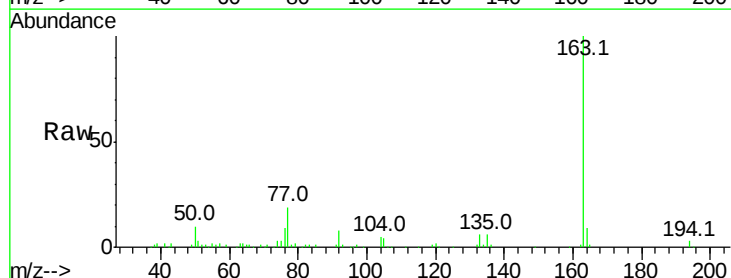
Tgt Ion:163 Resp: 101809

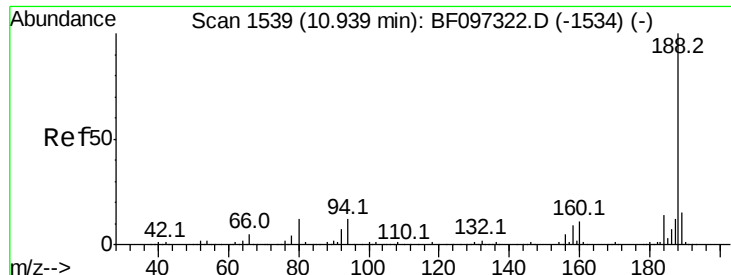
Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

164 9.1 8.4 12.6

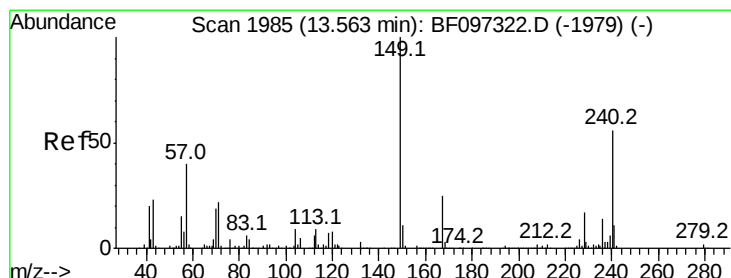
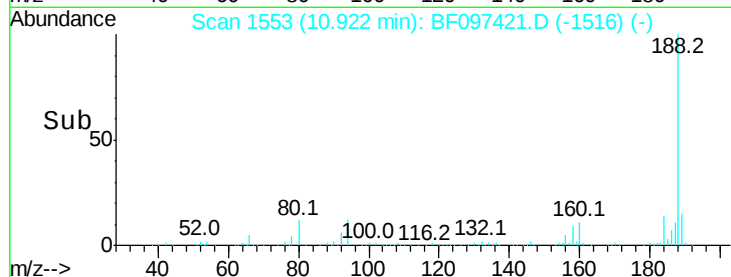
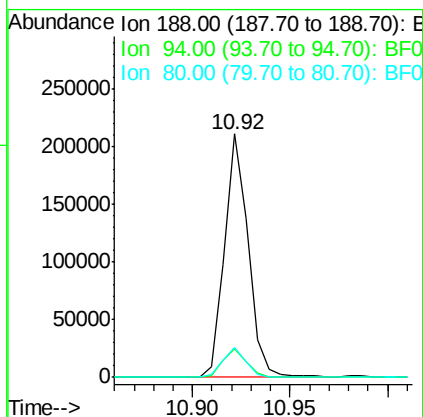
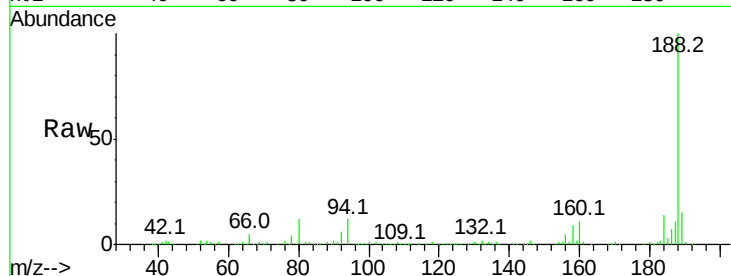




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

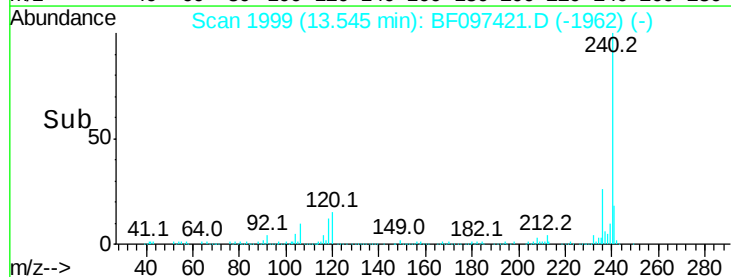
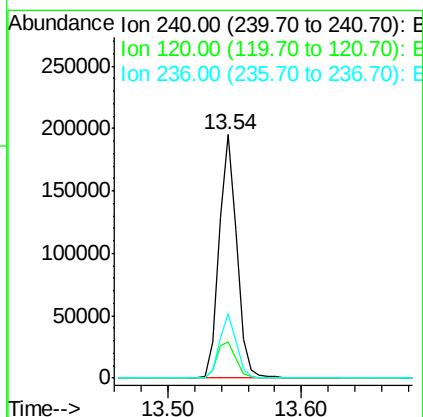
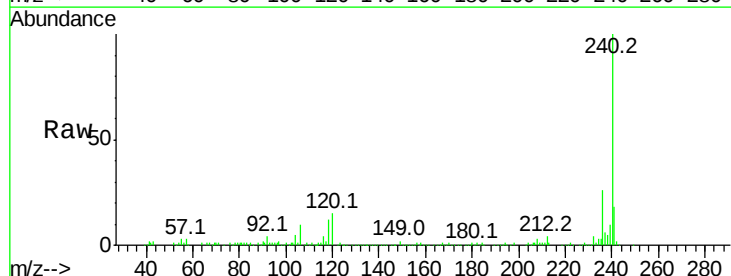
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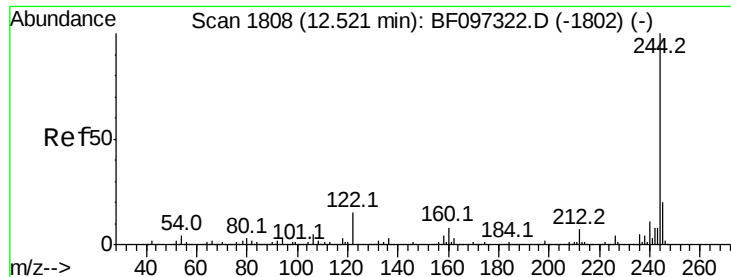
Tot Ion:188 Resp: 177937
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Tgt Ion:240 Resp: 182903
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 26.3 20.5 30.7

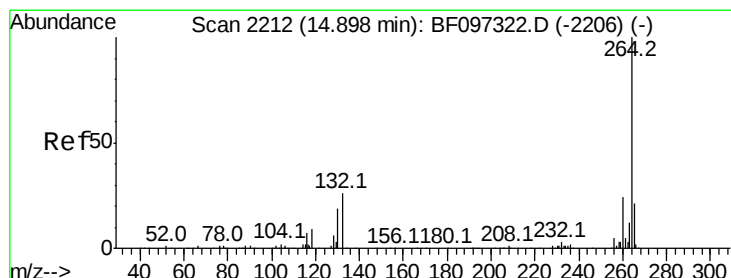
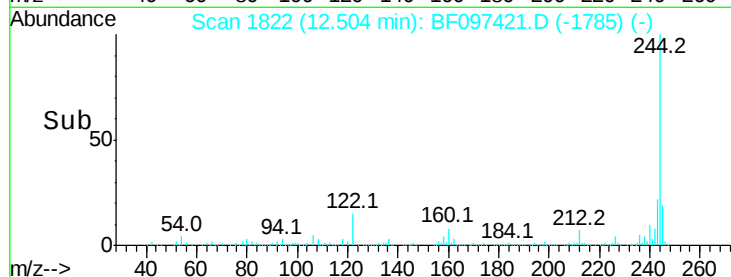
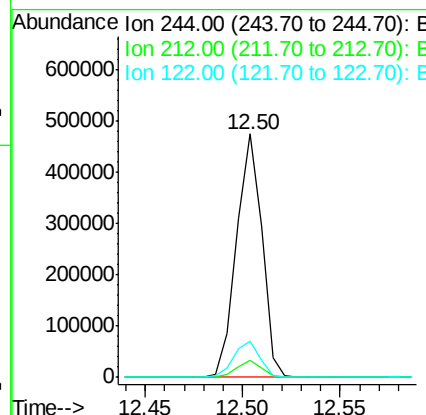
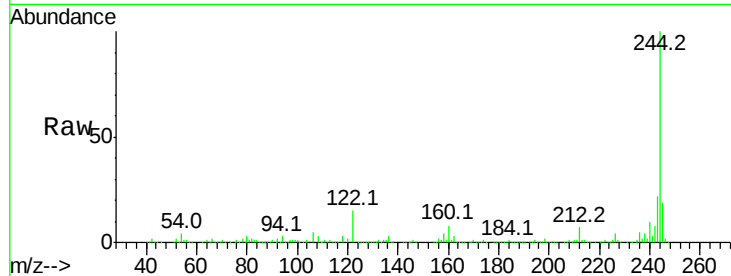




#78
 Terphenyl-d14
 Concen: 47.844 ng
 RT: 12.50 min Scan# 1822
 Delta R.T. -0.08 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 20S-194-293-20S-195-COMP

Tot Ion:244 Resp: 429200
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2227
 Delta R.T. -0.09 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Tgt Ion:264 Resp: 110311
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 19.5 17.2 25.8

