

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097636.D
 Acq On : 12 Aug 2017 15:57
 Operator : SJ/JU
 Sample : PB101388BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101388BL

Quant Time: Aug 14 05:19:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

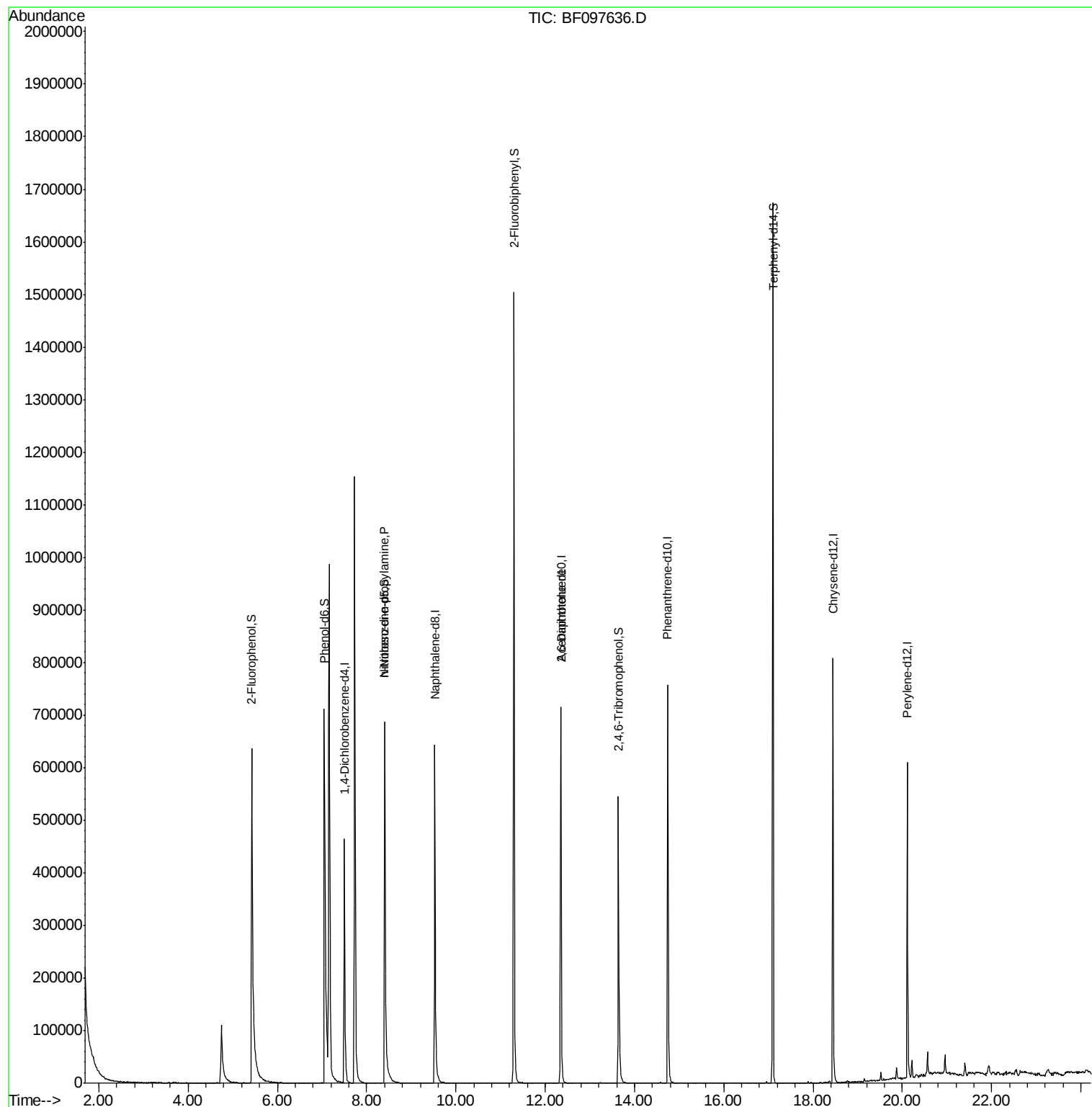
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109839	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	474872	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	224547	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	406715	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	354898	20.00	ng	-0.02
86) Perylene-d12	20.11	264	261644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	426316	61.69	ng	0.02
7) Phenol-d6	7.05	99	522524	60.95	ng	0.00
23) Nitrobenzene-d5	8.40	82	368901	48.71	ng	-0.02
41) 2,4,6-Tribromophenol	13.64	330	92854	54.40	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	736358	49.49	ng	-0.02
78) Terphenyl-d14	17.10	244	648268	37.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.40	70	44470	7.46	ng	# 88
50) 2,6-Dinitrotoluene	12.35	165	25701	7.19	ng	# 31

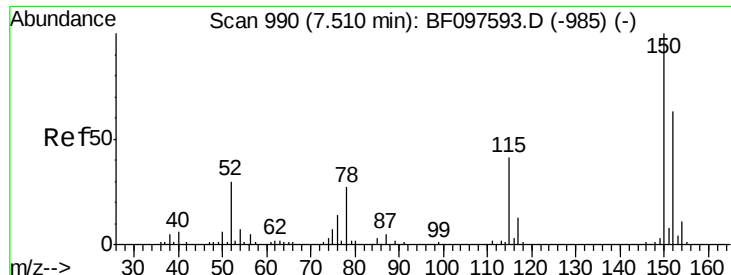
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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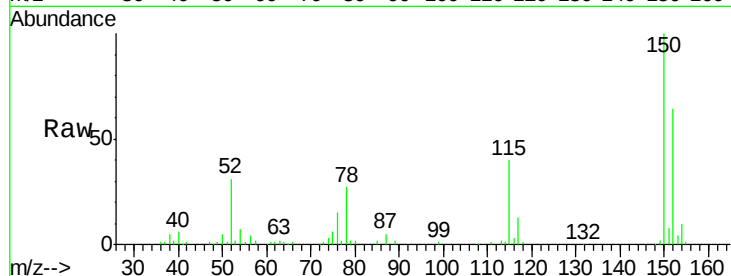


#1

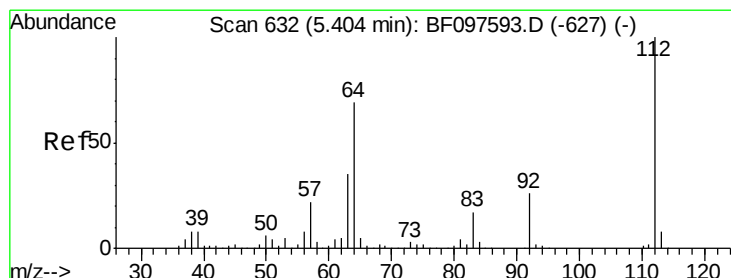
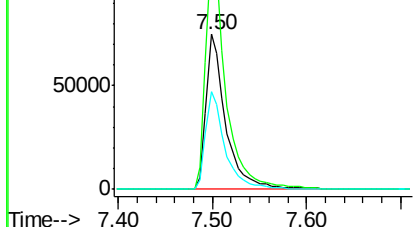
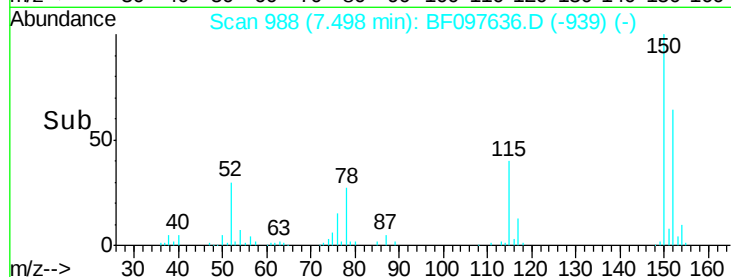
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097636.D
Acq: 12 Aug 2017 15:57

Instrument :
BNA_F
ClientSampleId :
PB101388BL

Tot Ion:152 Resp: 109839
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 63.0 52.2 78.2



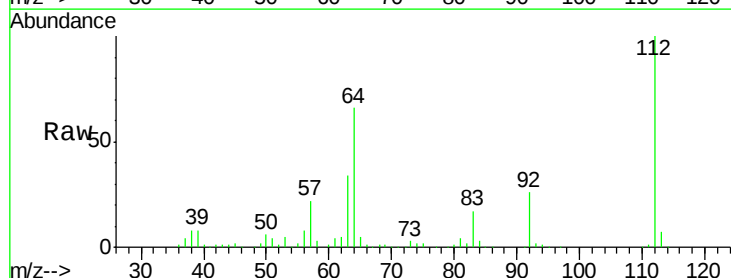
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



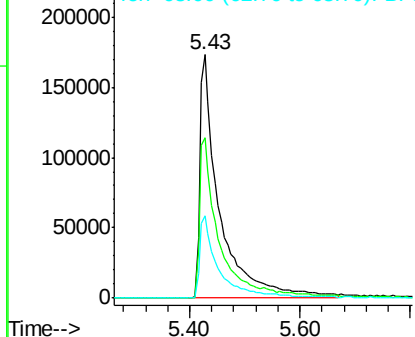
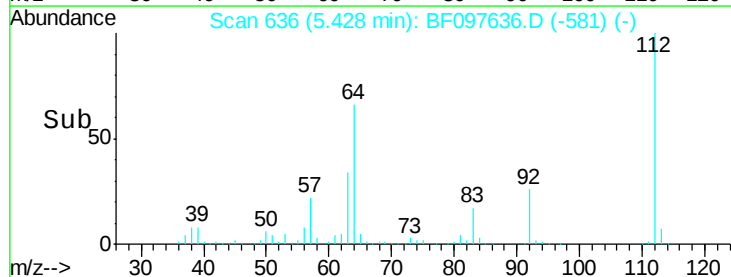
#5

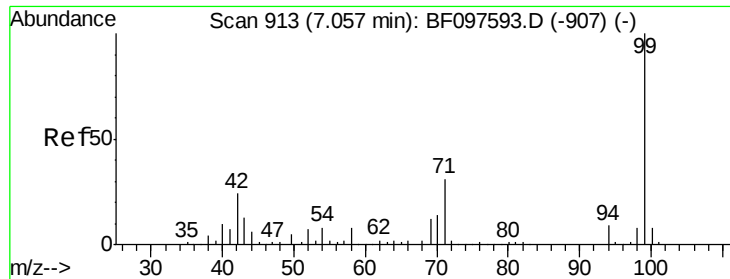
2-Fluorophenol
Concen: 61.69 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097636.D
Acq: 12 Aug 2017 15:57

Tgt Ion:112 Resp: 426316
Ion Ratio Lower Upper
112 100
64 66.1 46.0 69.0
63 33.7 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: 60.95 ng

RT: 7.05 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

Instrument :

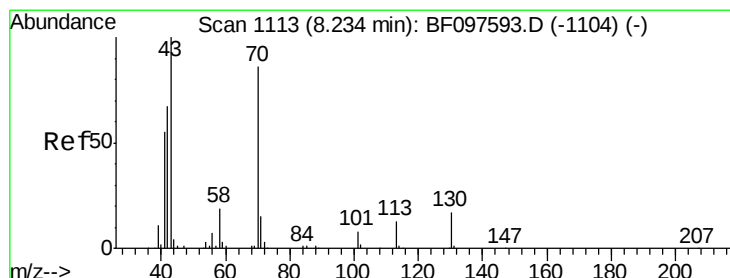
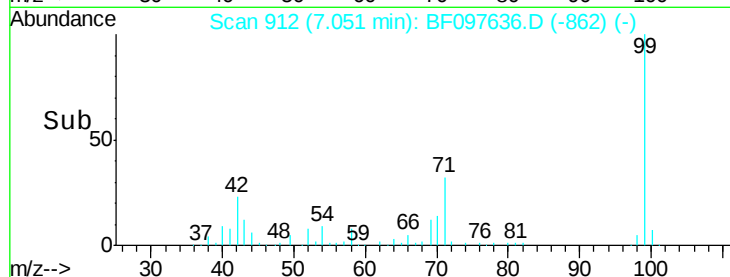
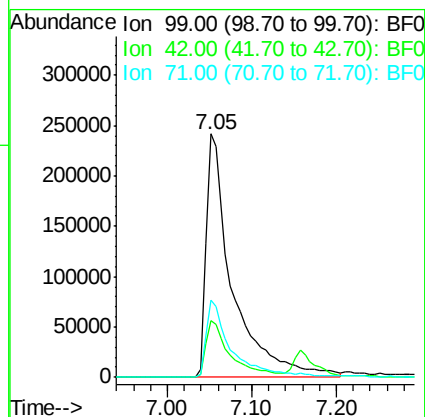
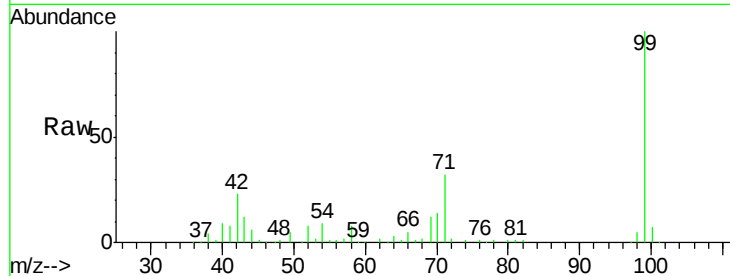
BNA_F

ClientSampleId :

PB101388BL

Tot Ion: 99 Resp: 522524

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	31.7	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.46 ng

RT: 8.40 min Scan# 1142

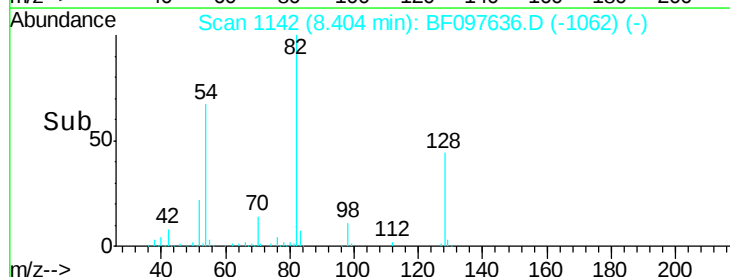
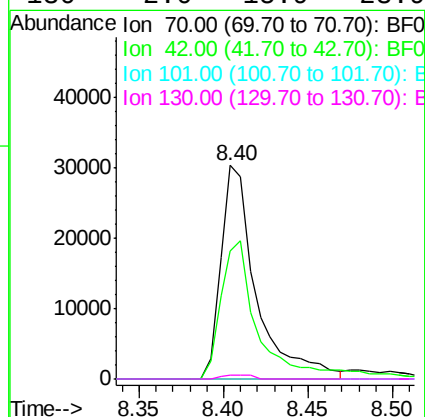
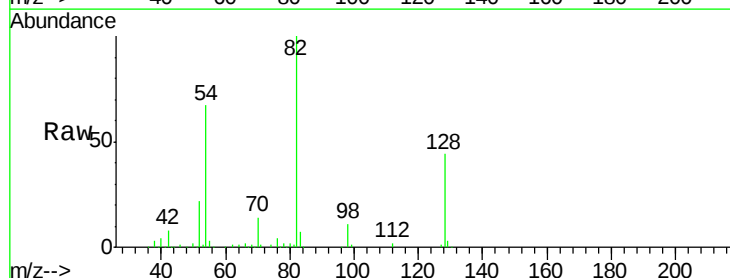
Delta R.T. 0.17 min

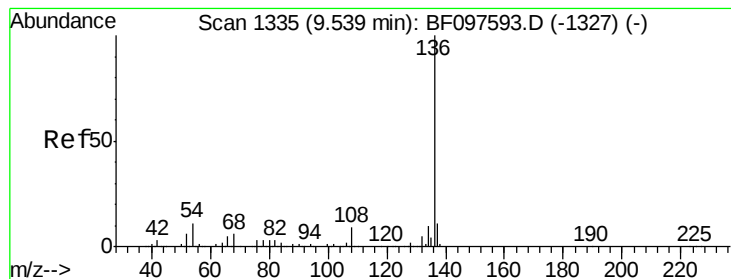
Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

Tgt Ion: 70 Resp: 44470

Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

Instrument :

BNA_F

ClientSampleId :

PB101388BL

Tot Ion:136 Resp: 474872

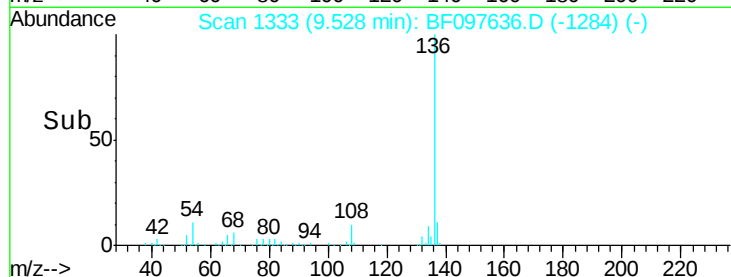
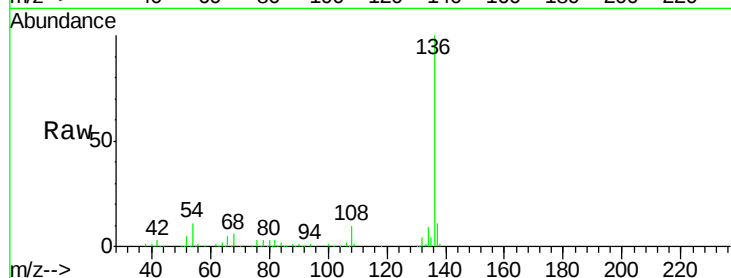
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 11.1 4.9 7.3#

68 6.1 4.1 6.1

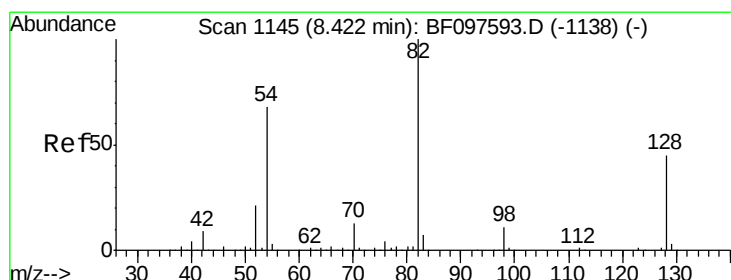
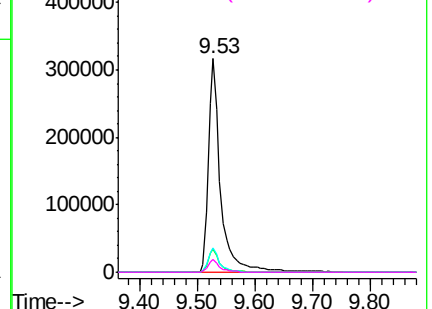


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.71 ng

RT: 8.40 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

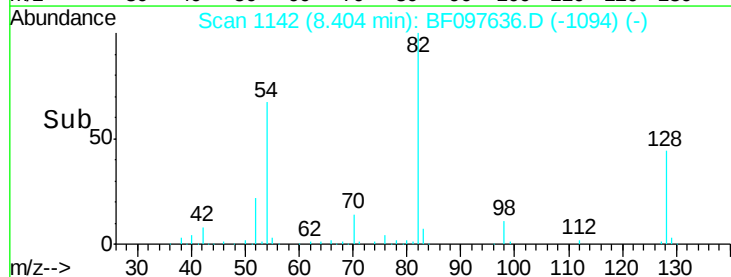
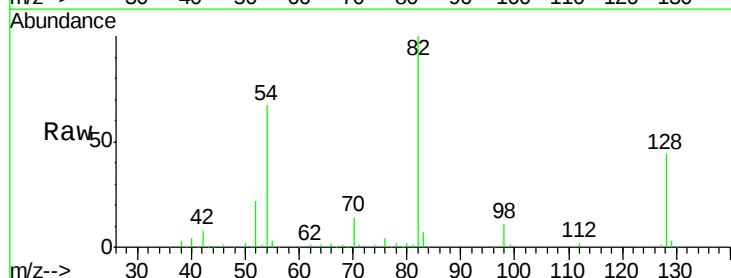
Tgt Ion: 82 Resp: 368901

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

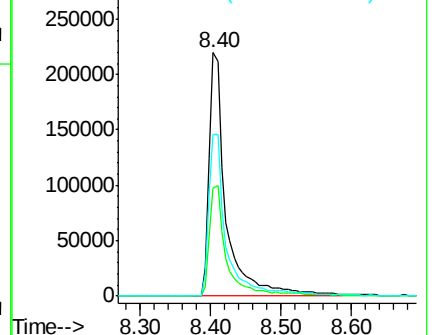
54 66.6 42.2 63.2#

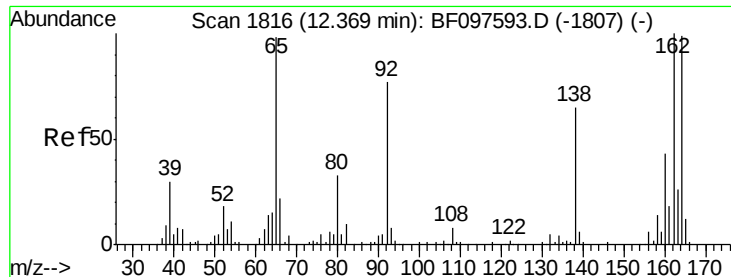


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.35 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

Instrument :

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ClientSampleId :

PB101388BL

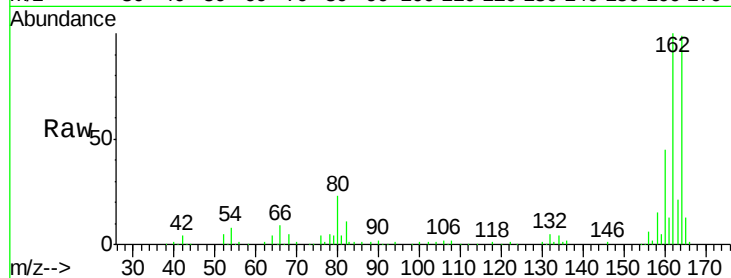
Tot Ion:164 Resp: 224547

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

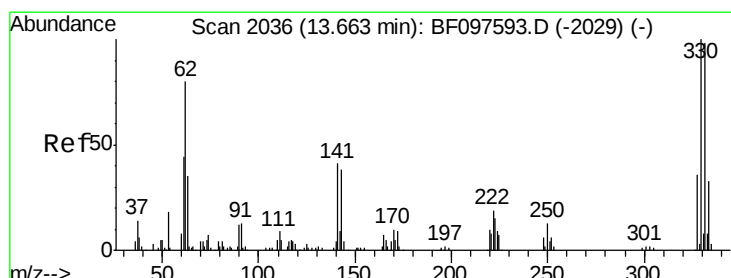
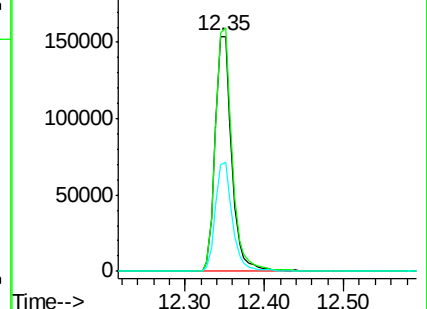
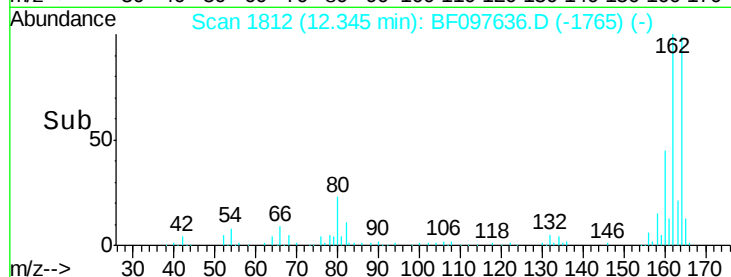
160 45.4 36.2 54.2



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: 54.40 ng

RT: 13.64 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF097636.D

Acq: 12 Aug 2017 15:57

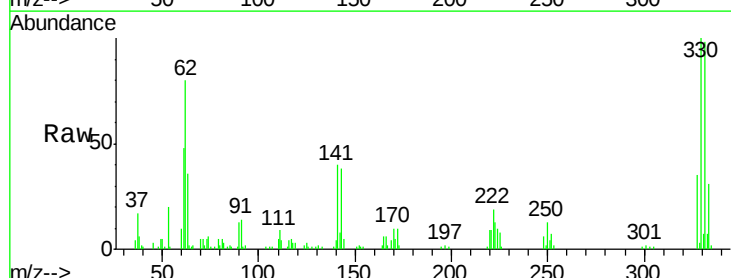
Tgt Ion:330 Resp: 92854

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

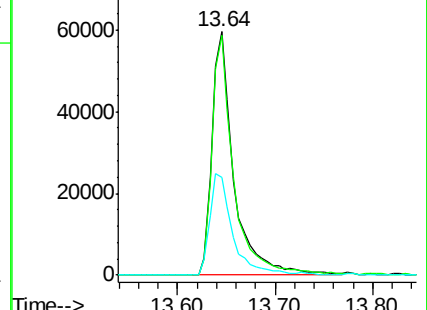
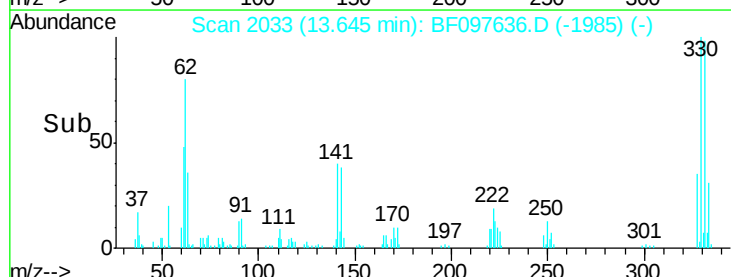
141 43.8 31.4 47.2

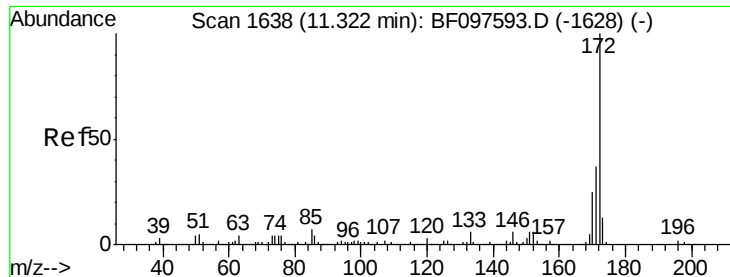


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

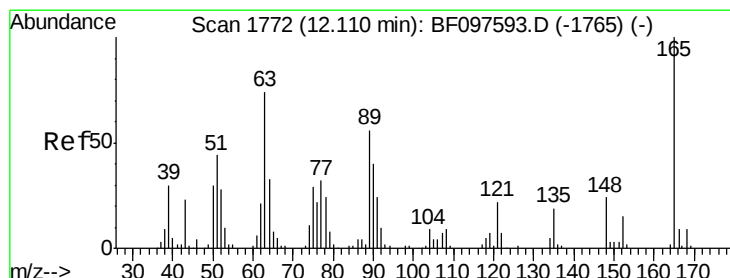
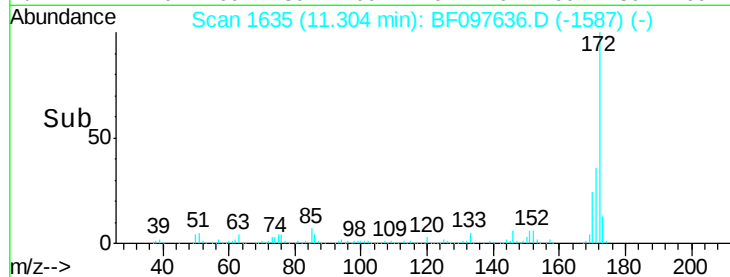
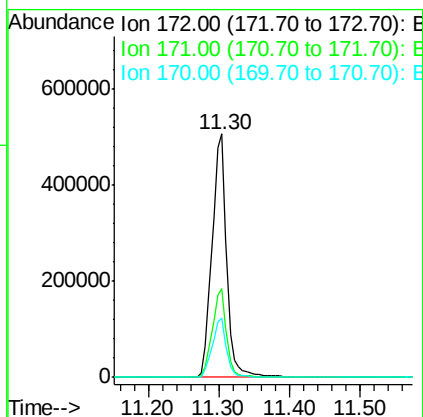
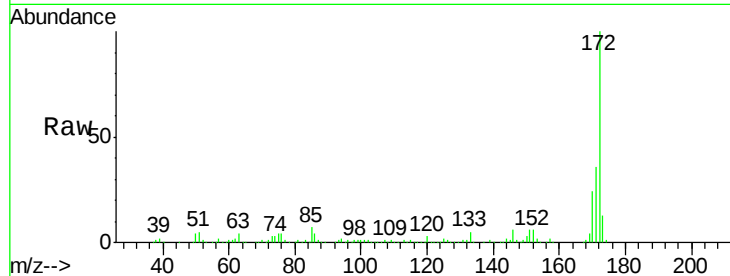




#44
 2-Fluorobiphenyl
 Concen: 49.49 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097636.D
 Acq: 12 Aug 2017 15:57

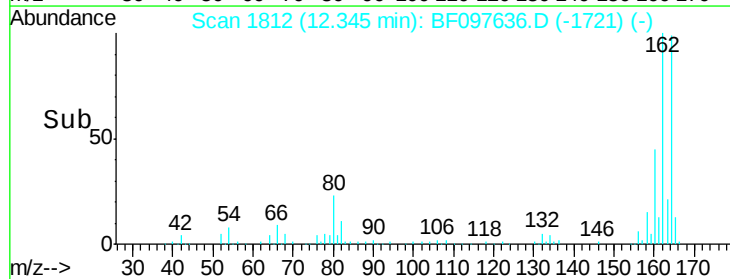
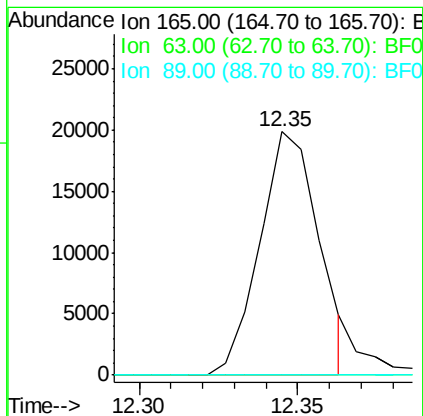
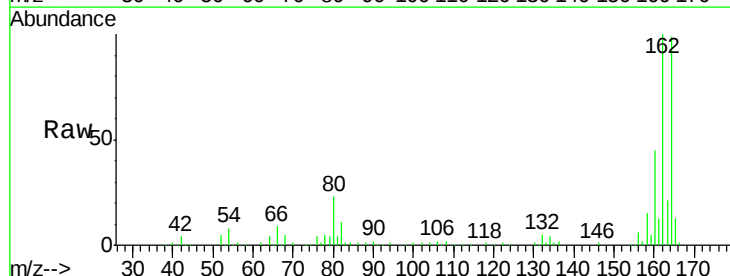
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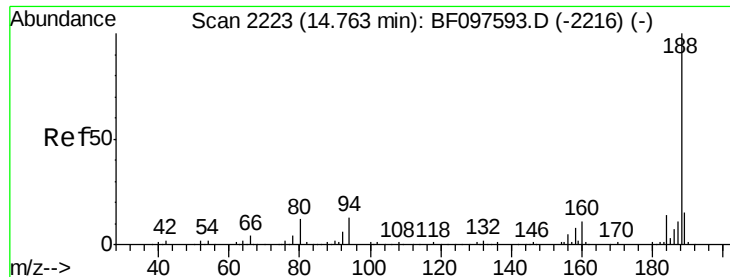
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.19 ng
 RT: 12.35 min Scan# 1812
 Delta R.T. 0.24 min
 Lab File: BF097636.D
 Acq: 12 Aug 2017 15:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

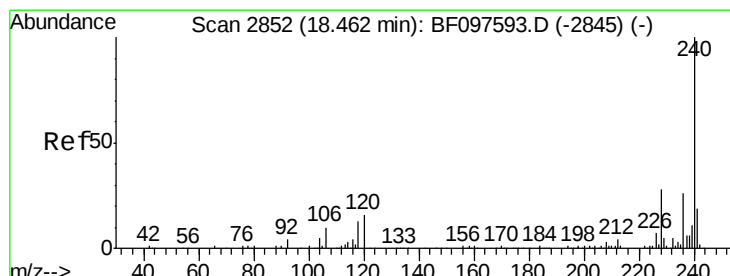
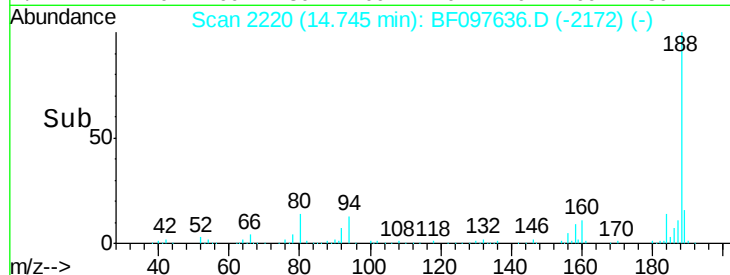
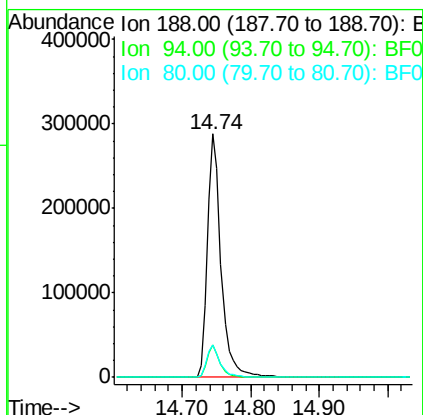
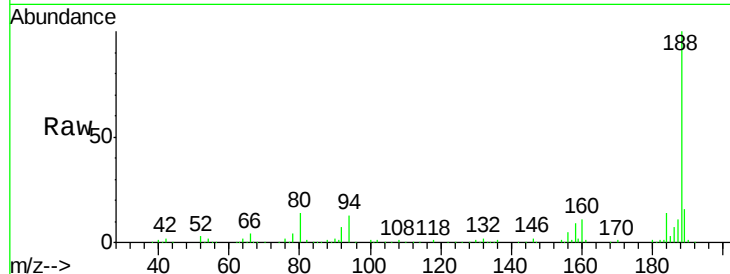




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097636.D
Acq: 12 Aug 2017 15:57

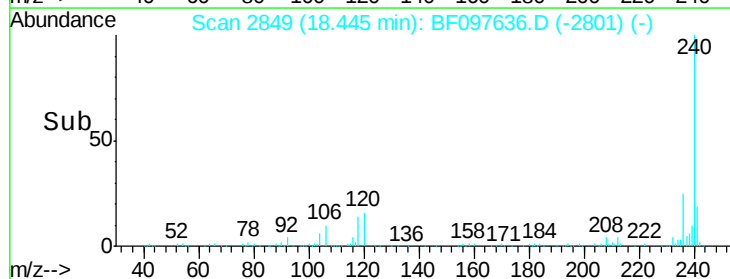
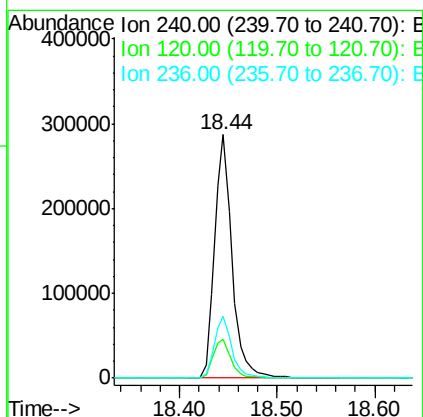
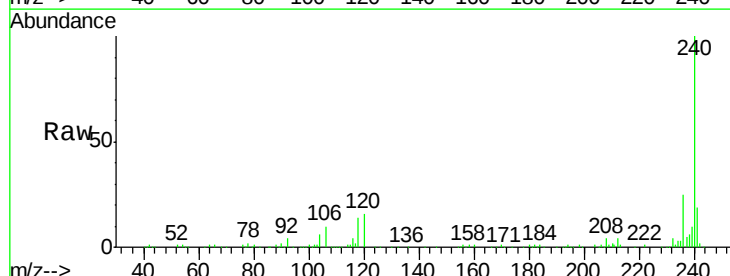
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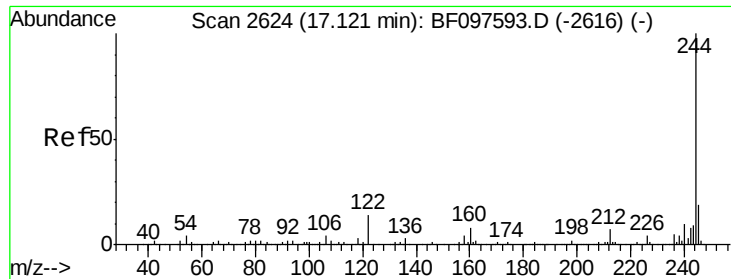
Tot Ion:188 Resp: 406715
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 13.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097636.D
Acq: 12 Aug 2017 15:57

Tgt Ion:240 Resp: 354898
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.2 20.5 30.7

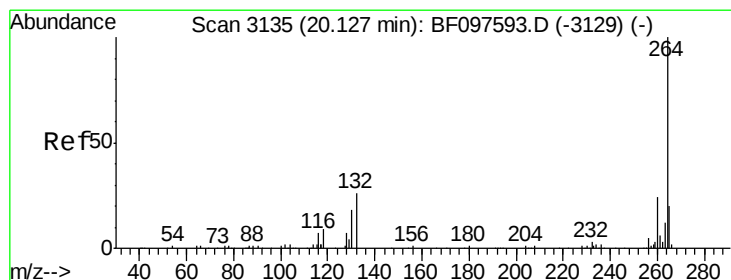
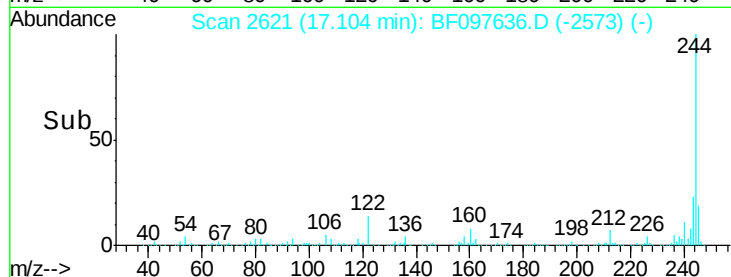
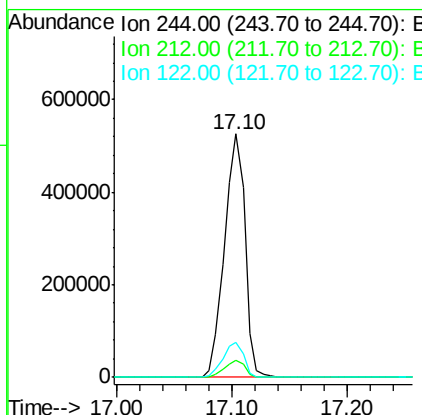
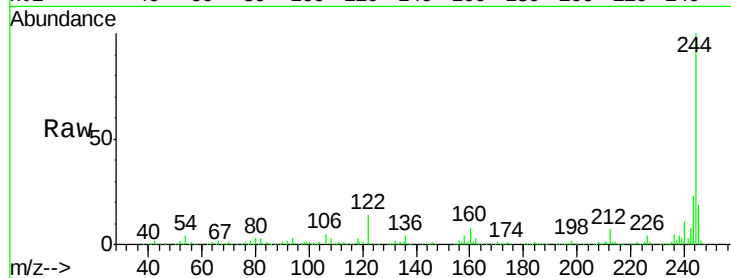




#78
 Terphenyl-d14
 Concen: 37.81 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097636.D
 Acq: 12 Aug 2017 15:57

Instrument :
 BNA_F
 ClientSampleId :
 PB101388BL

Tot Ion:244 Resp: 648268
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BF097636.D
 Acq: 12 Aug 2017 15:57

Tgt Ion:264 Resp: 261644
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.6 17.2 25.8

