

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052217\
 Data File : BM010132.D
 Acq On : 23 May 2017 08:58
 Operator : SJ/MA
 Sample : I3222-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPE-Y

Quant Time: May 23 13:09:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

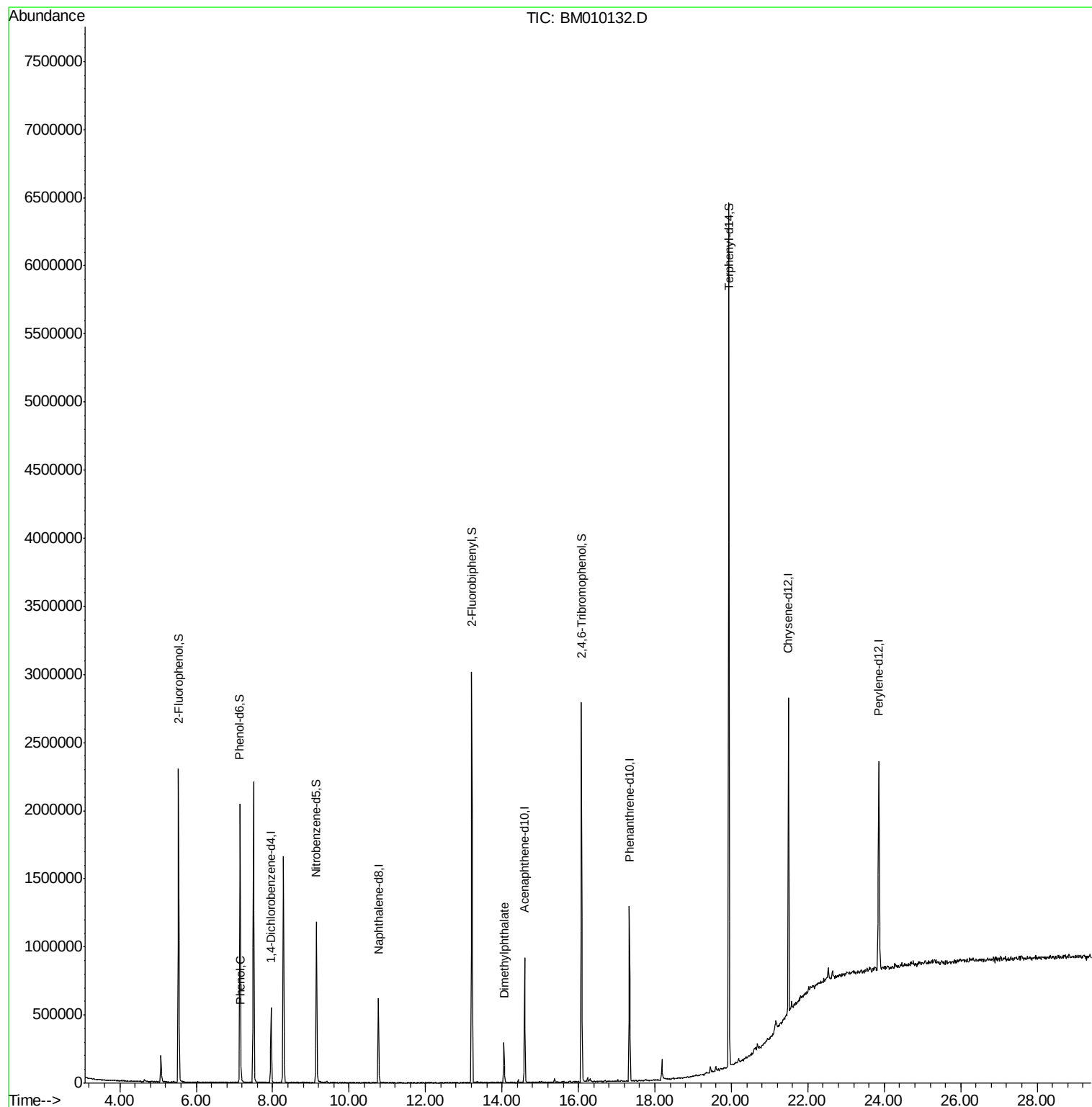
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134761	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	456510	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	289262	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	748609	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1127181	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1277058	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	814994	109.21	ng	-0.02
7) Phenol-d6	7.15	99	1015560	105.76	ng	-0.02
23) Nitrobenzene-d5	9.15	82	650393	76.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	476596	108.48	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1499142	66.63	ng	-0.02
78) Terphenyl-d14	19.93	244	2743978	55.35	ng	-0.02
Target Compounds						
10) Phenol	7.17	94	22459	2.22	ng	Qvalue 87
49) Dimethylphthalate	14.05	163	169063	6.55	ng	# 97

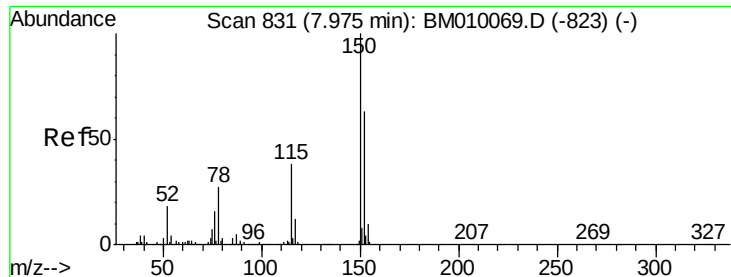
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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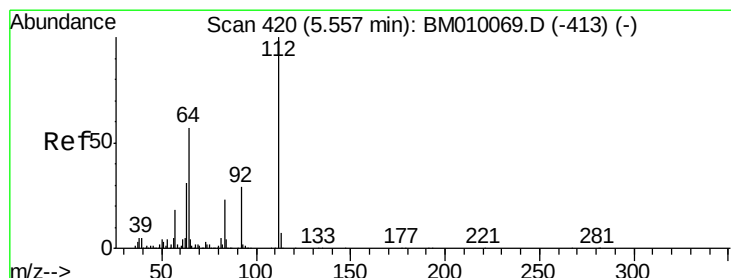
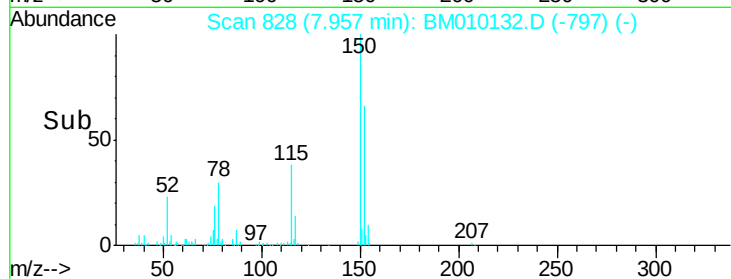
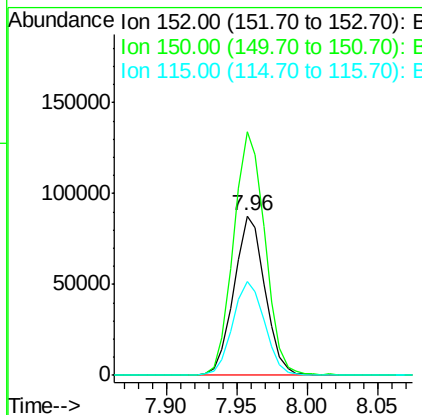
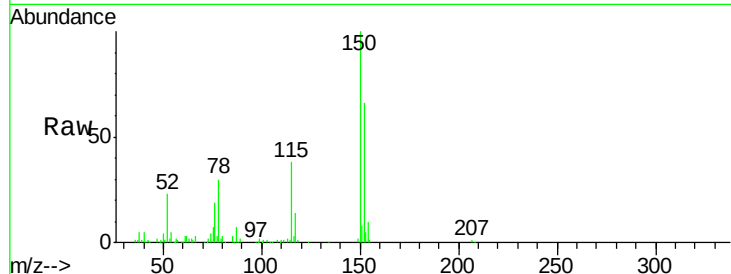


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPE-Y

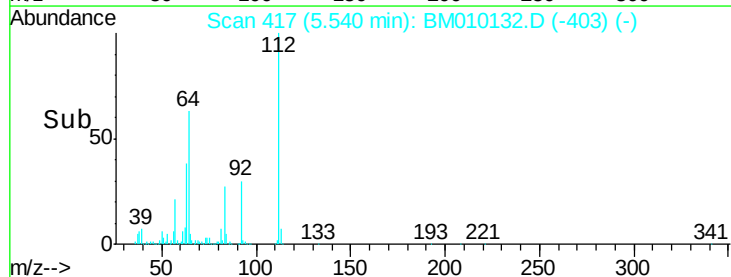
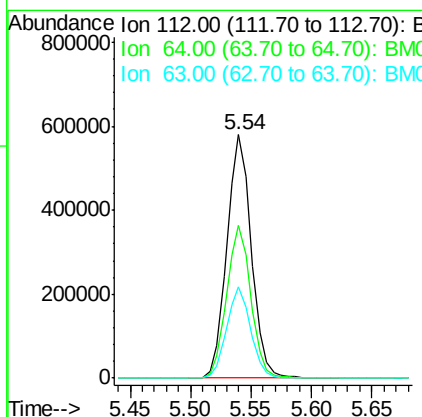
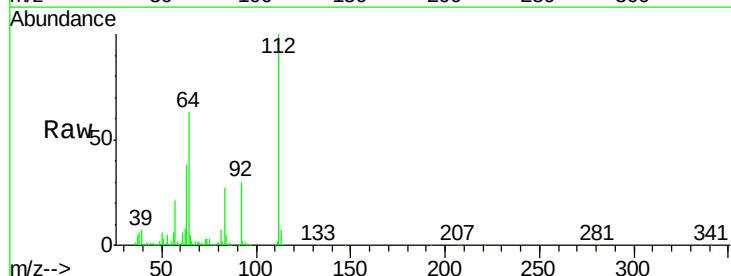
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	58.6	43.0	64.4

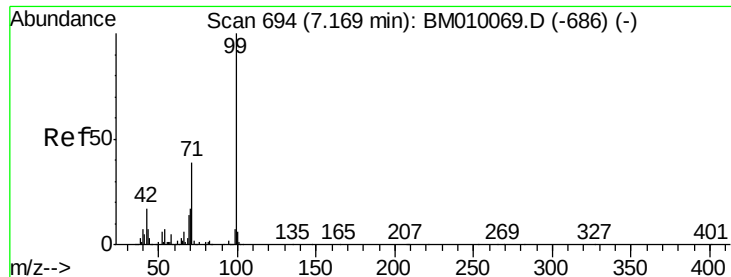


#5

2-Fluorophenol
Concen: 109.21 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	37.7	19.3	28.9#





#7

Phenol-d6

Concen: 105.76 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

BNA_M

ClientSampleId :

BLIND-DUPE-Y

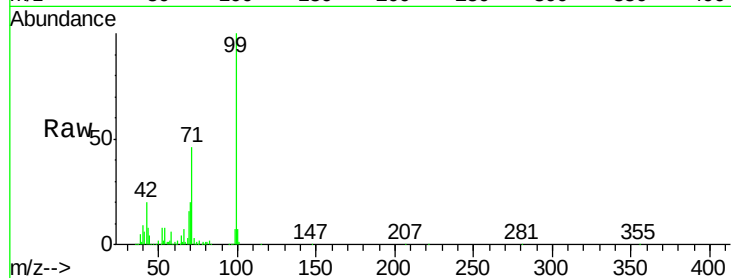
Tgt Ion: 99 Resp: 1015560

Ion Ratio Lower Upper

99 100

42 20.1 11.0 16.4#

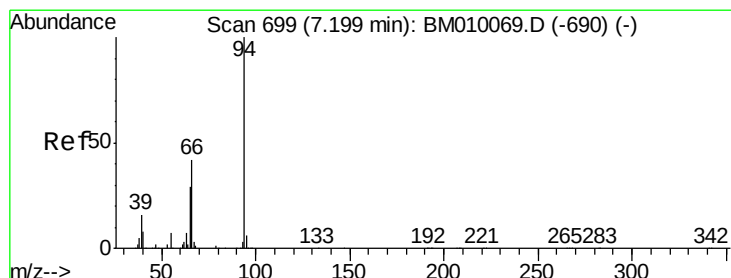
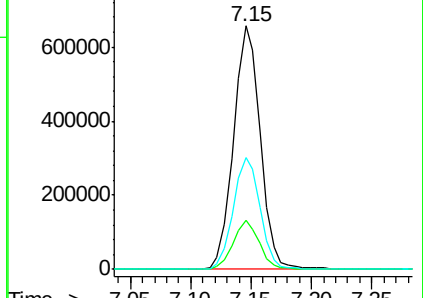
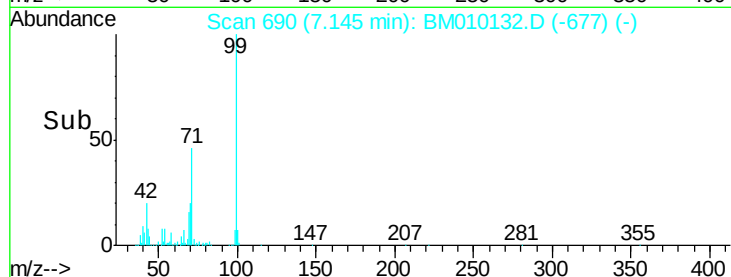
71 46.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010132.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010132.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010132.D (-677) (-)



#10

Phenol

Concen: 2.22 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

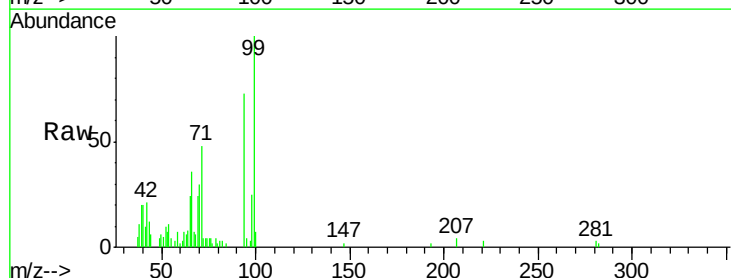
Tgt Ion: 94 Resp: 22459

Ion Ratio Lower Upper

94 100

65 32.6 18.8 58.8

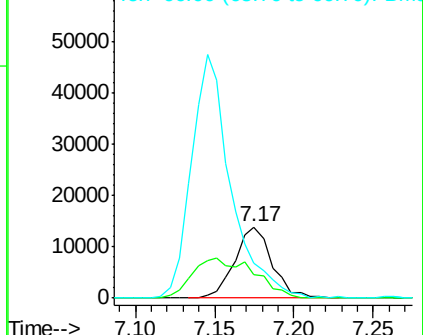
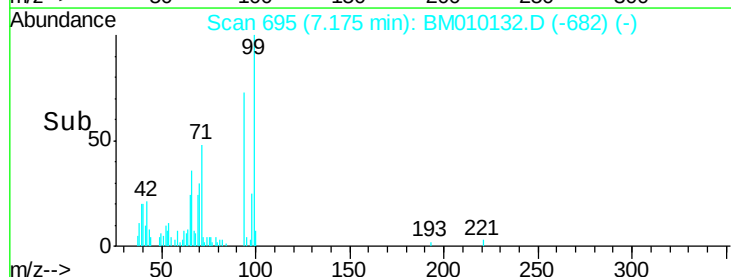
66 49.0 39.9 79.9

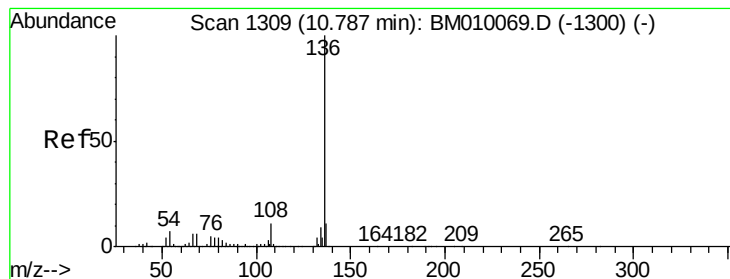


Abundance Ion 94.00 (93.70 to 94.70): BM010132.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010132.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010132.D (-682) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

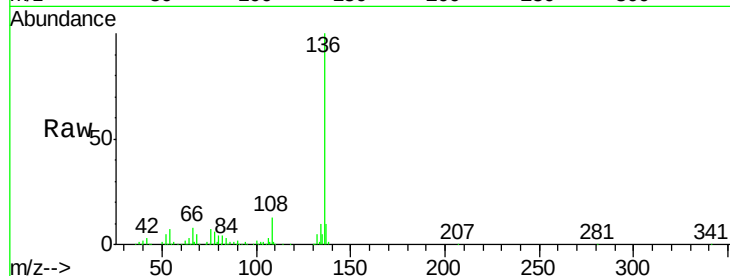
Instrument :

BNA_M

ClientSampleId :

BLIND-DUPE-Y

Tgt Ion:	136	Resp:	456510
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.2	4.6	6.8#
68	4.7	3.7	5.5



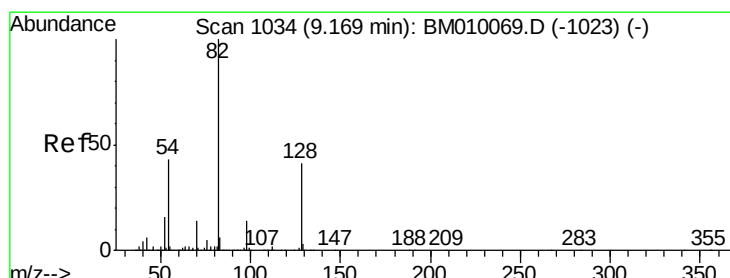
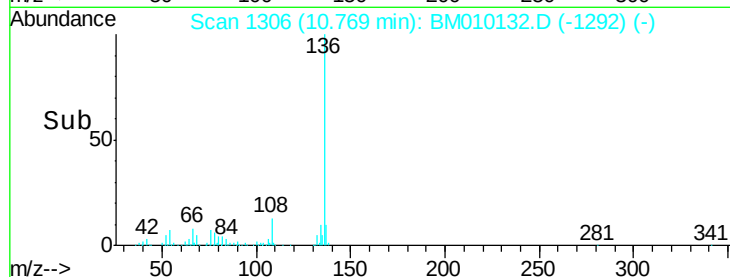
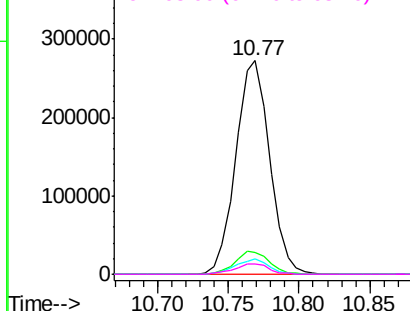
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 76.87 ng

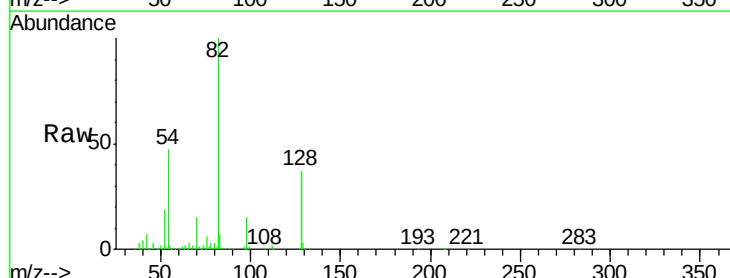
RT: 9.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Tgt Ion:	82	Resp:	650393
Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	47.3	40.6	60.8

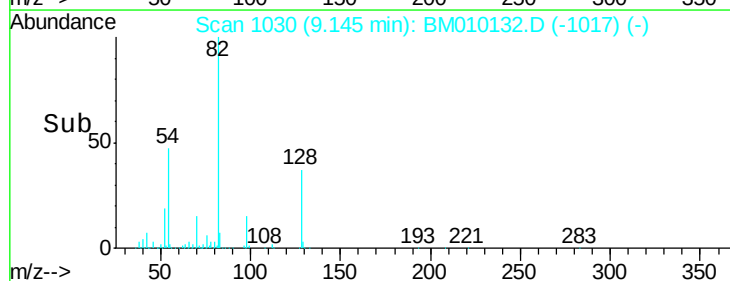
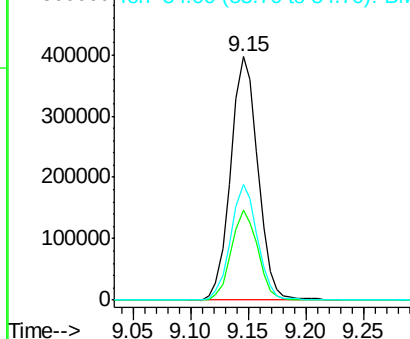


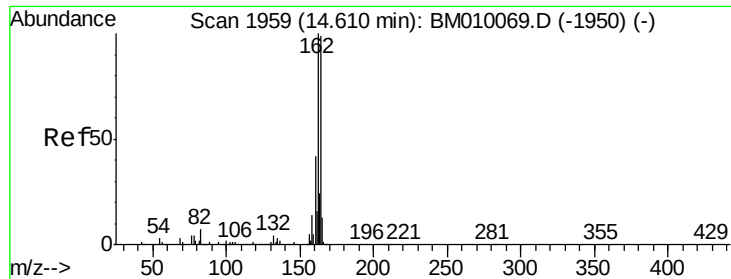
Abundance

Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

BNA_M

ClientSampleId :

BLIND-DUPE-Y

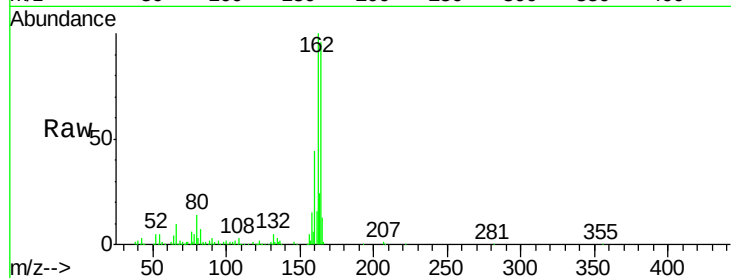
Tgt Ion:164 Resp: 289262

Ion Ratio Lower Upper

164 100

162 104.4 82.4 123.6

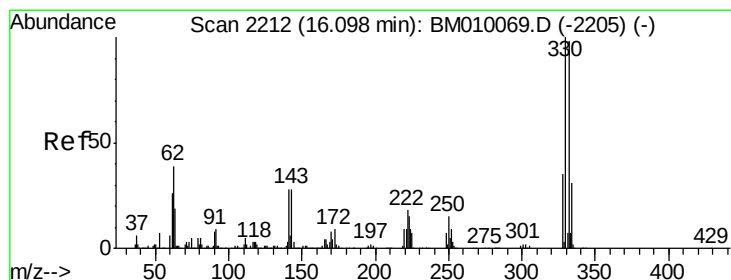
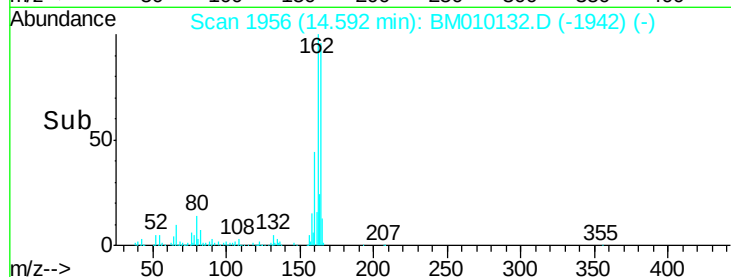
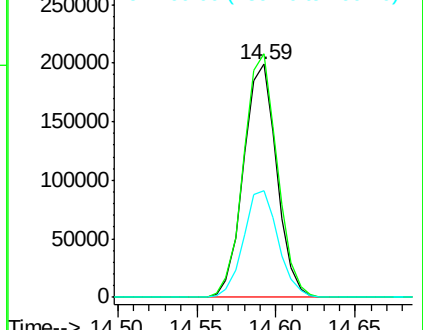
160 45.5 35.8 53.6



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: 108.48 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

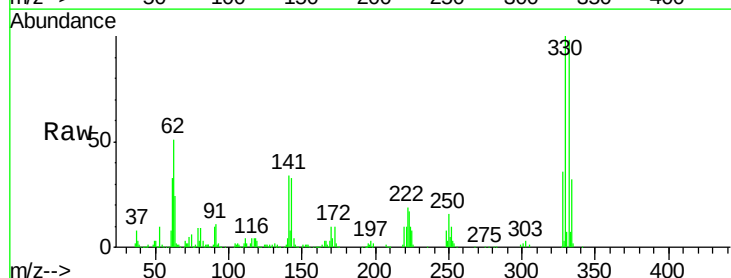
Tgt Ion:330 Resp: 476596

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

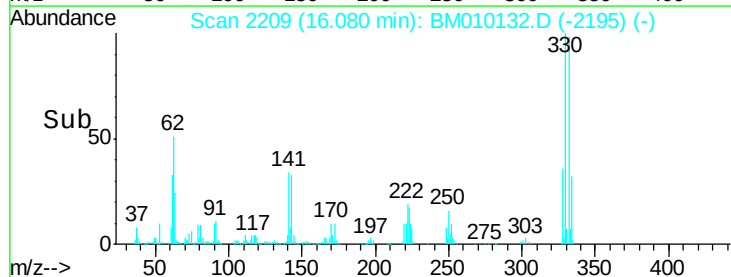
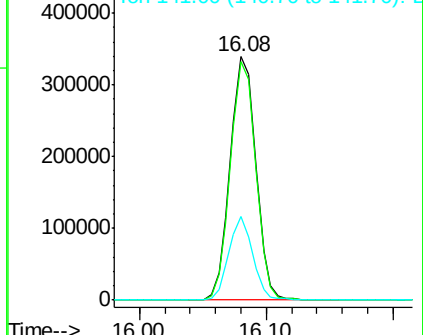
141 32.1 0.0 0.0#

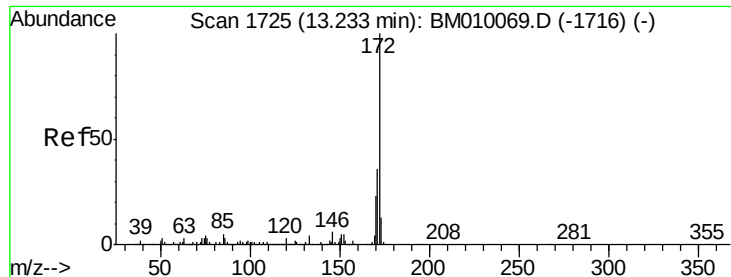


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

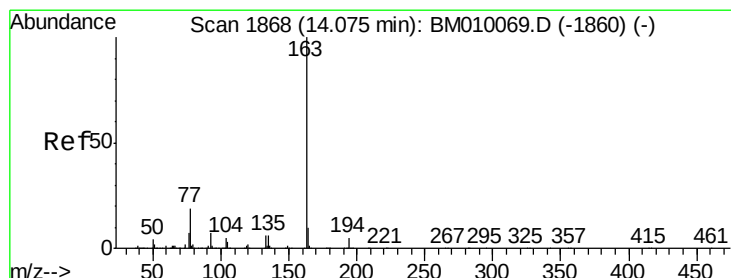
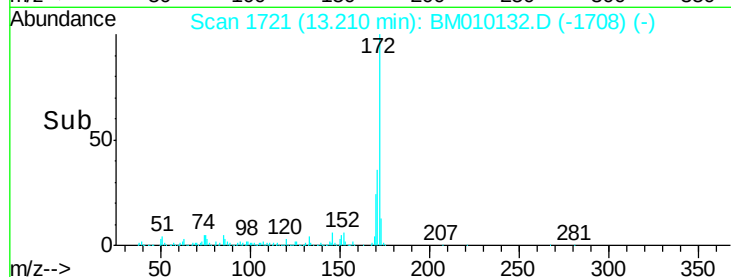
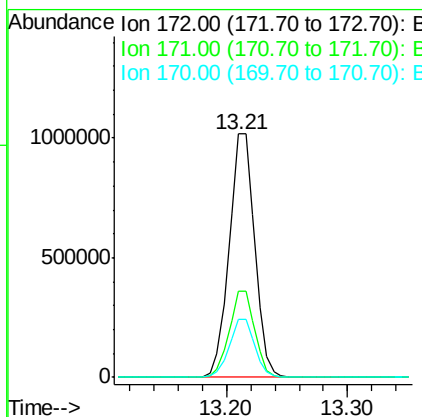
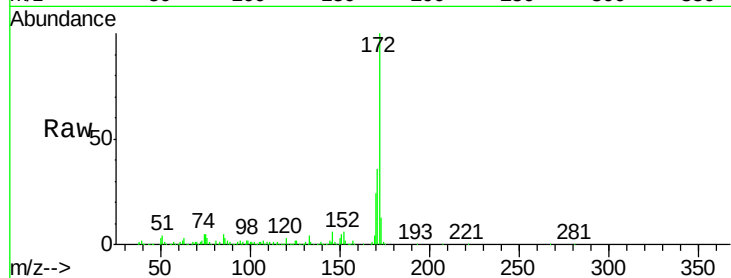




#44
2-Fluorobiphenyl
Concen: 66.63 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

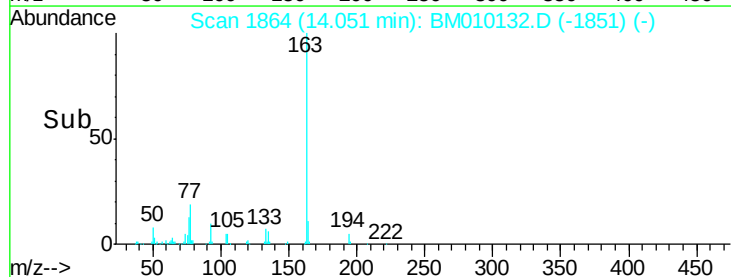
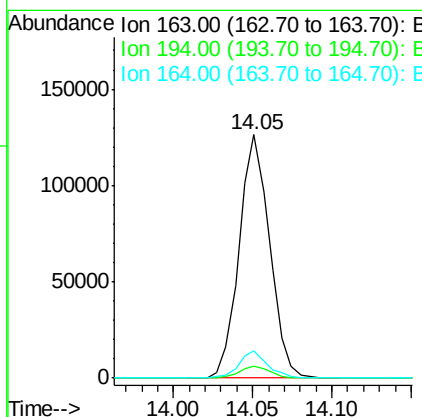
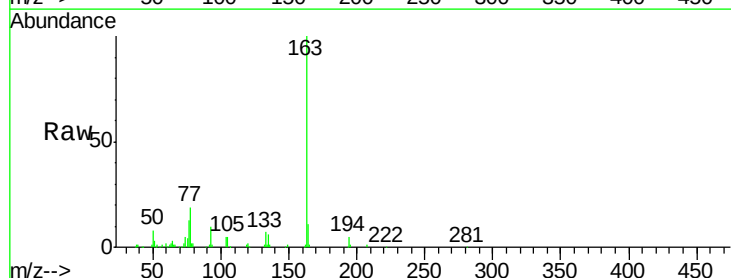
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BLIND-DUPE-Y

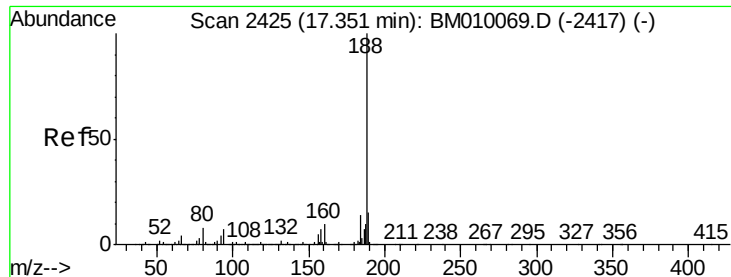
Tgt Ion:172 Resp: 1499142
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 18.8 28.2



#49
Dimethylphthalate
Concen: 6.55 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion:163 Resp: 169063
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 11.4 8.2 12.2

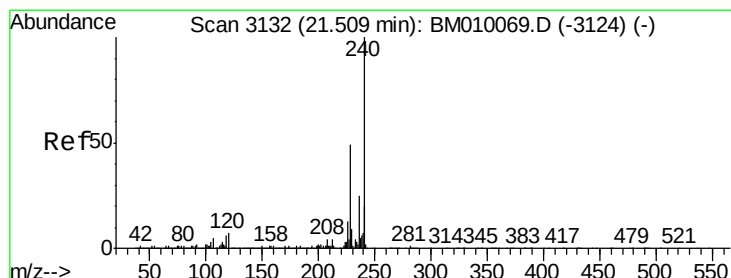
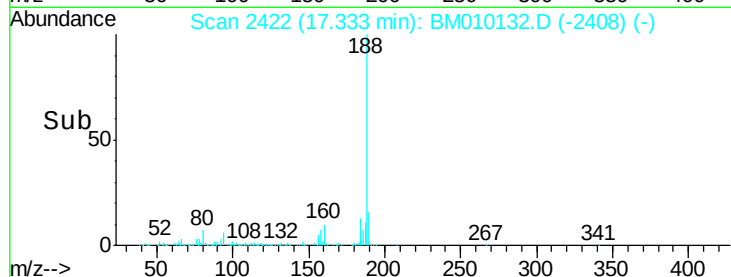
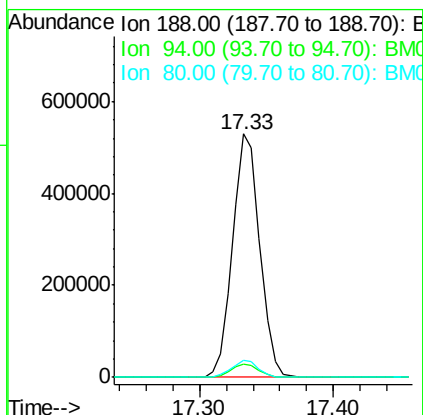
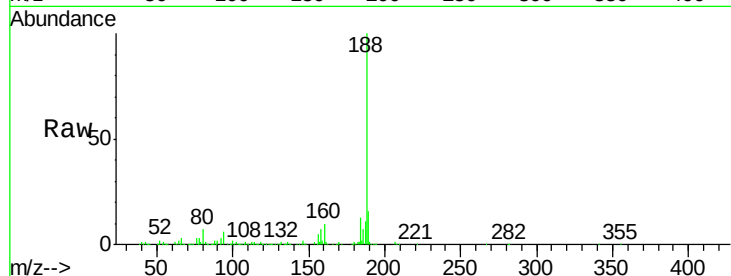




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

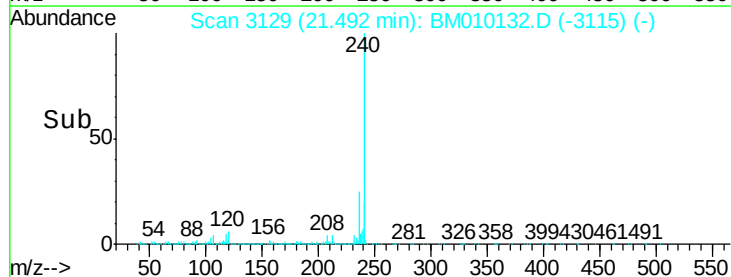
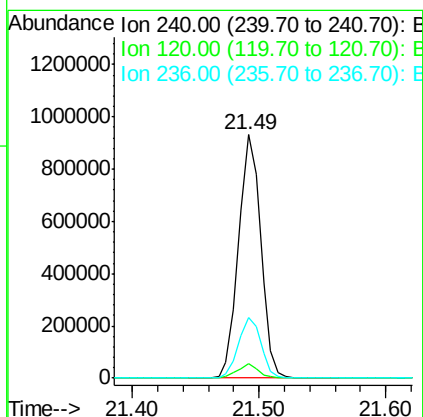
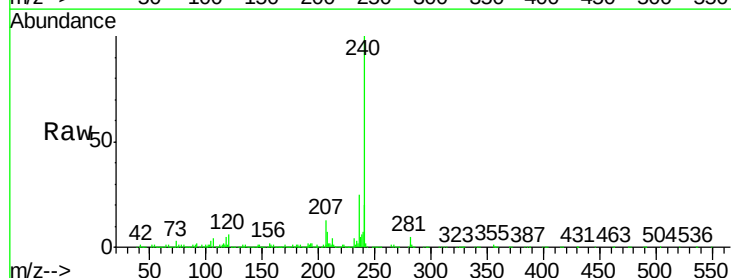
Instrument :
BNA_M
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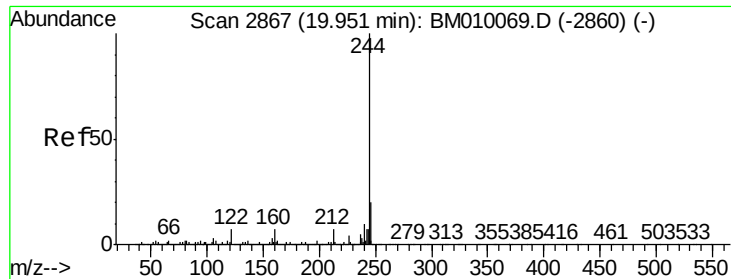
Tgt Ion:188 Resp: 748609
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion:240 Resp: 1127181
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 55.35 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

BNA_M

ClientSampleId :

BLIND-DUPE-Y

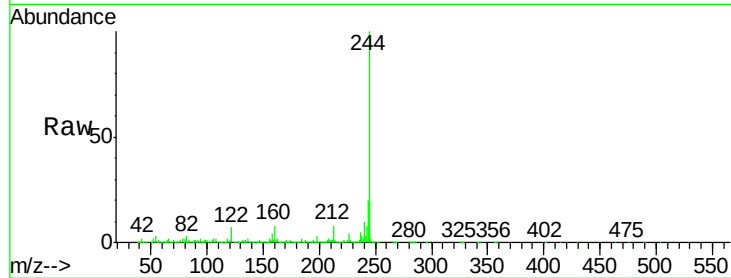
Tgt Ion:244 Resp: 2743978

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

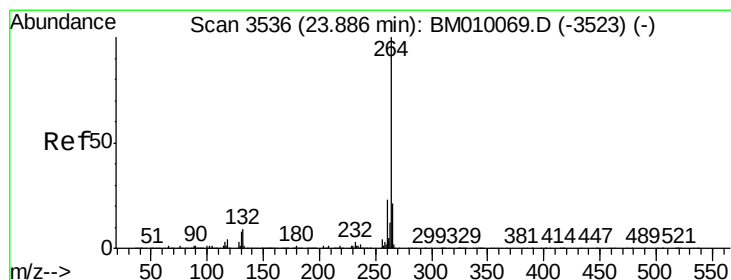
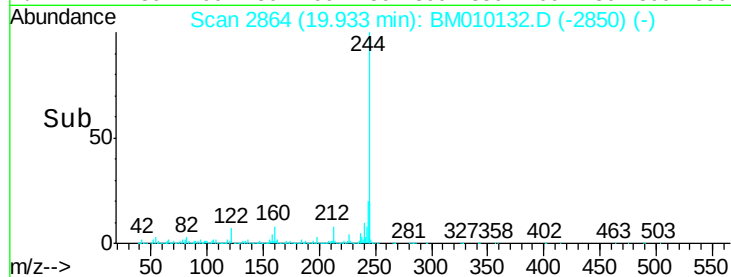
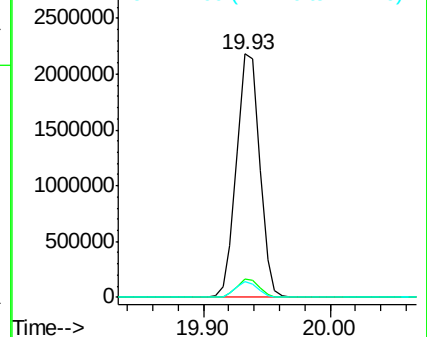
122 6.6 6.2 9.4



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: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

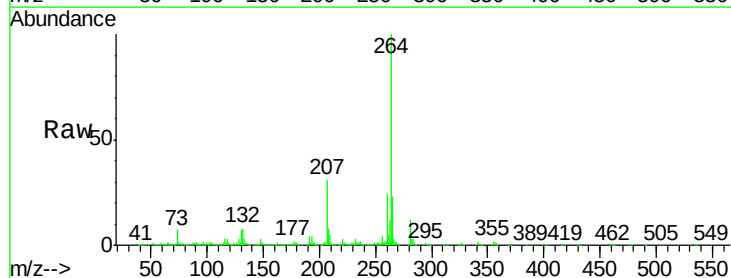
Tgt Ion:264 Resp: 1277058

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 22.7 17.3 25.9



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

