

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011215.D
 Acq On : 12 Aug 2017 12:31
 Operator : SJ/JU
 Sample : I4699-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Quant Time: Aug 14 04:00:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

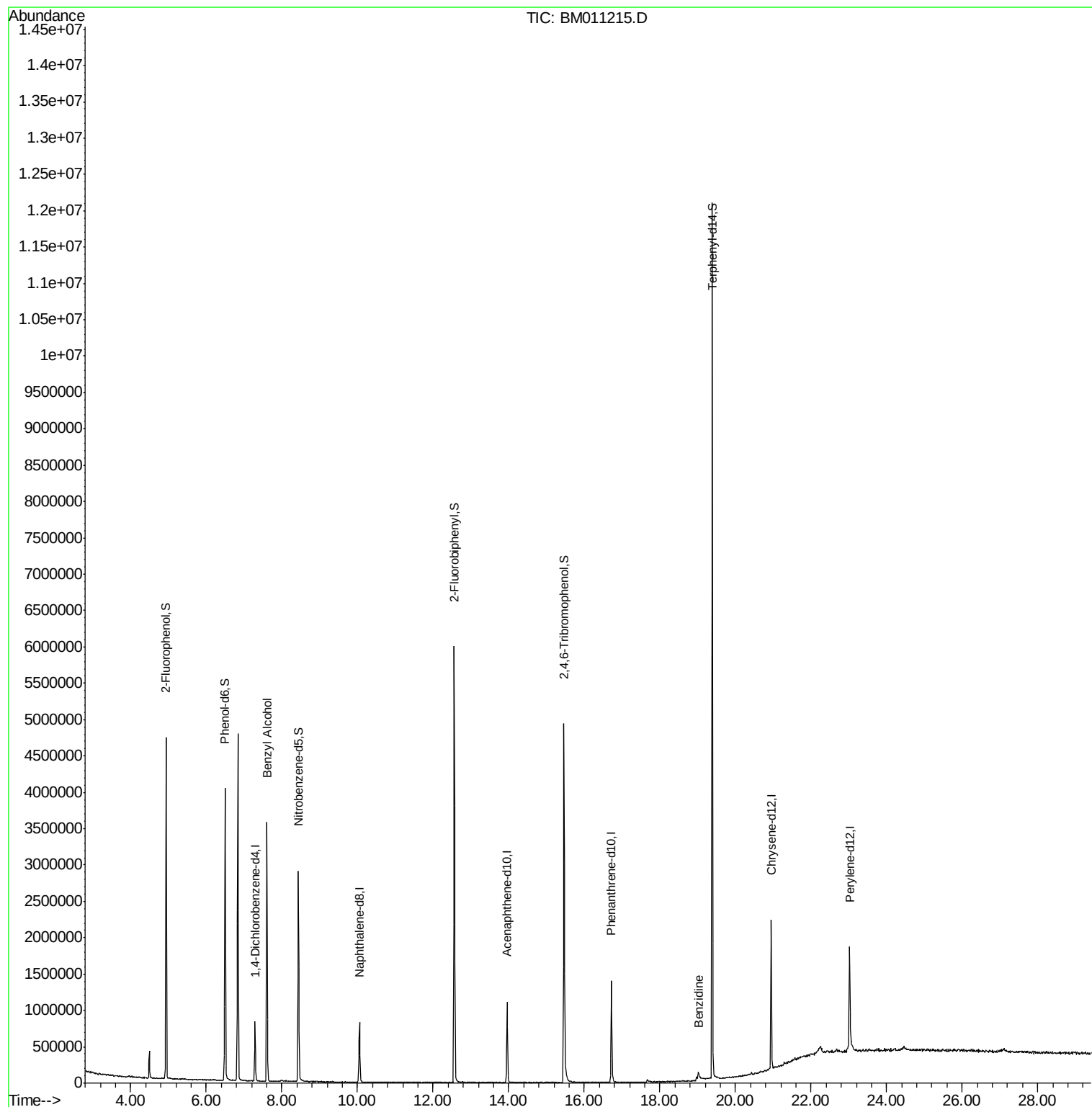
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	140868	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	534188	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	316225	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	778682	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1010891	20.00	ng	-0.08
86) Perylene-d12	23.02	264	951640	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1267071	152.05	ng	-0.09
7) Phenol-d6	6.50	99	1640081	138.52	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1651807	116.05	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	750460	148.07	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2714027	107.64	ng	-0.09
78) Terphenyl-d14	19.39	244	4637302	90.87	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	28696	2.53	ng	# 35
76) Benzidine	19.02	184	96571	3.99	ng	# 94

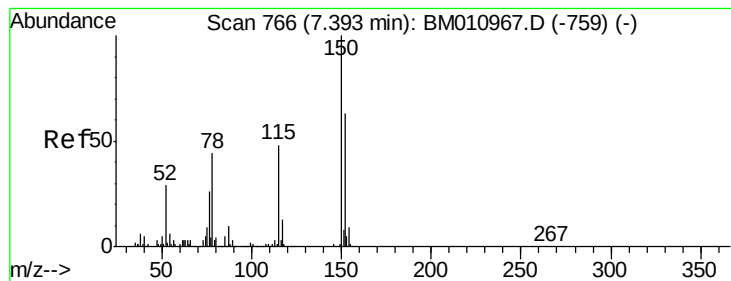
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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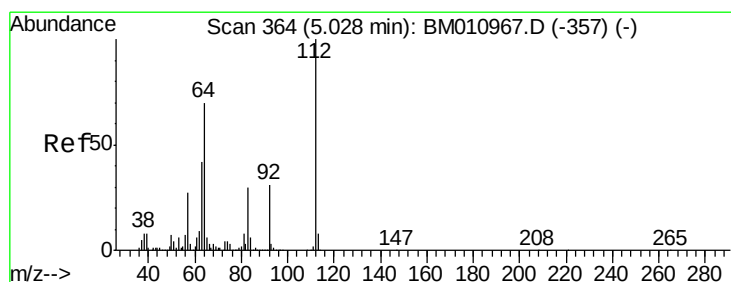
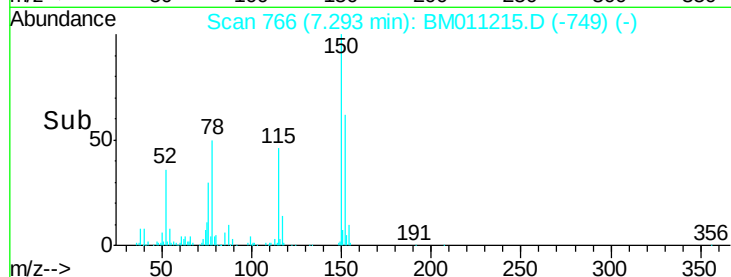
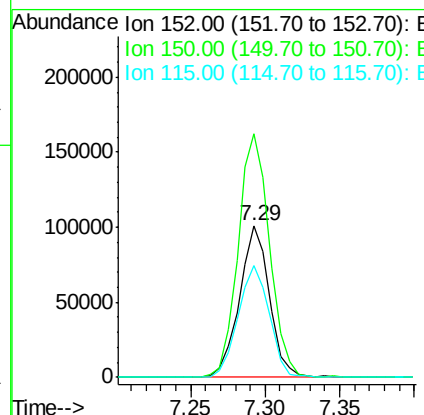
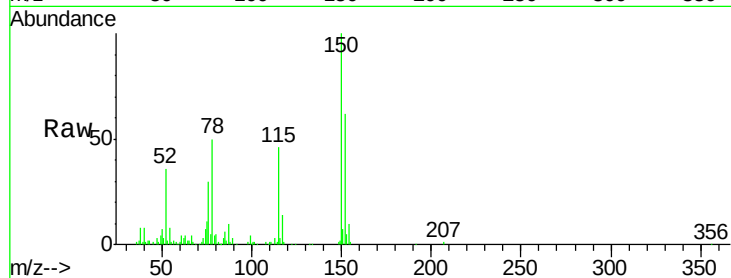




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 766
 Delta R.T. -0.10 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

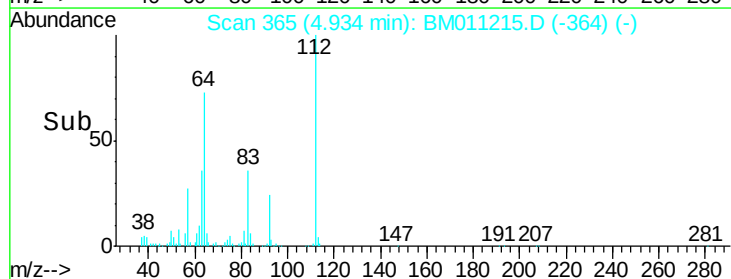
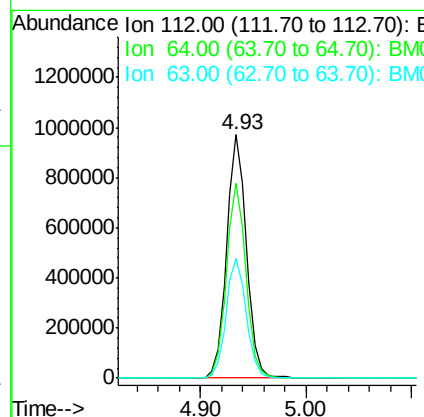
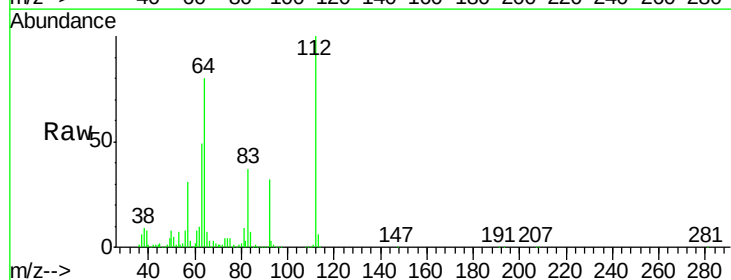
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

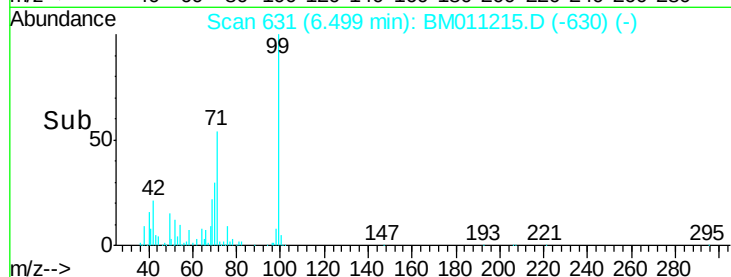
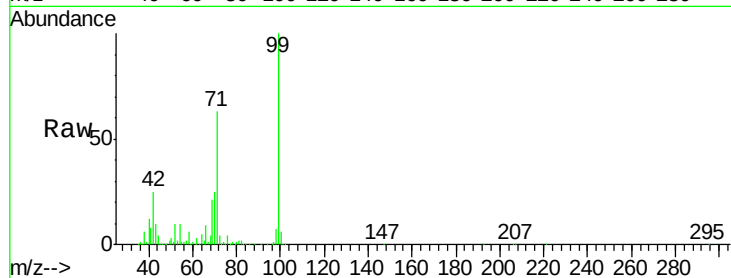
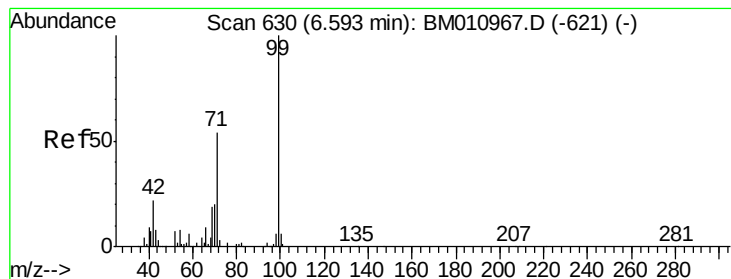
Tot Ion:152 Resp: 140868
 Ion Ratio Lower Upper
 152 100
 150 160.7 119.5 179.3
 115 74.2 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 152.05 ng
 RT: 4.93 min Scan# 365
 Delta R.T. -0.09 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Tgt Ion:112 Resp: 1267071
 Ion Ratio Lower Upper
 112 100
 64 80.0 38.6 57.8#
 63 49.2 19.3 28.9#





#7

Phenol-d6

Concen: 138.52 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SU-04-080917

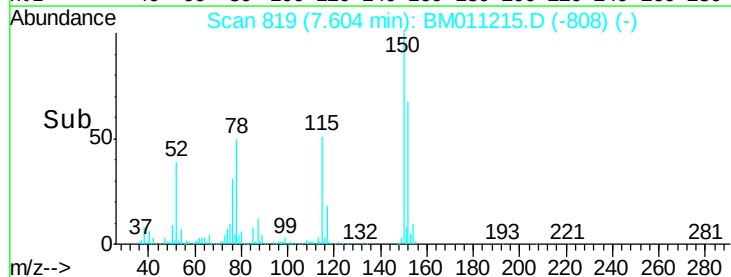
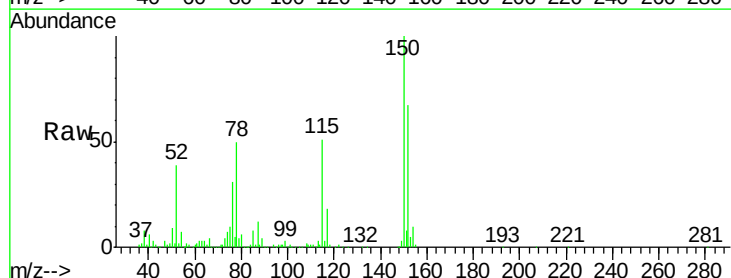
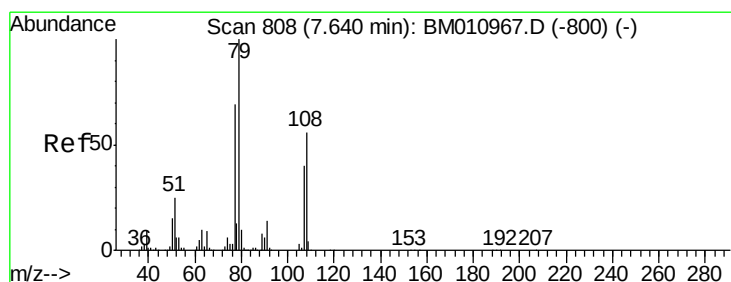
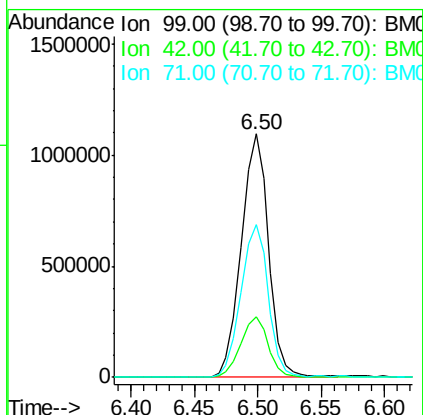
Tot Ion: 99 Resp: 1640081

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

71 62.6 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

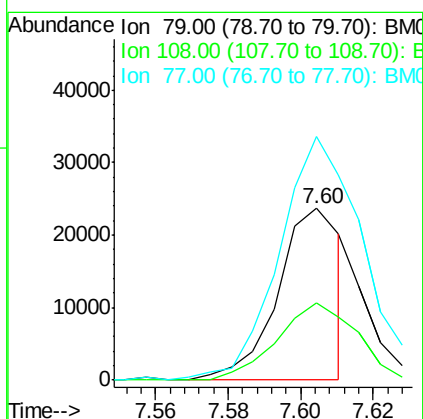
Tgt Ion: 79 Resp: 28696

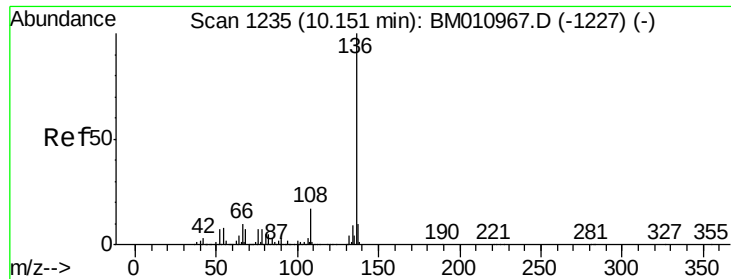
Ion Ratio Lower Upper

79 100

108 45.2 65.0 97.4#

77 141.9 53.0 79.6#

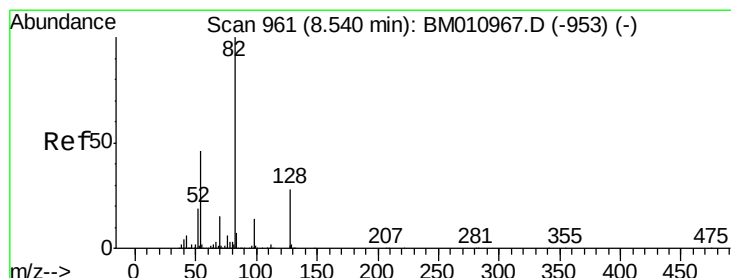
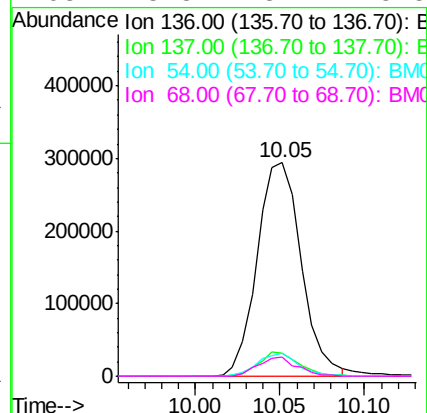
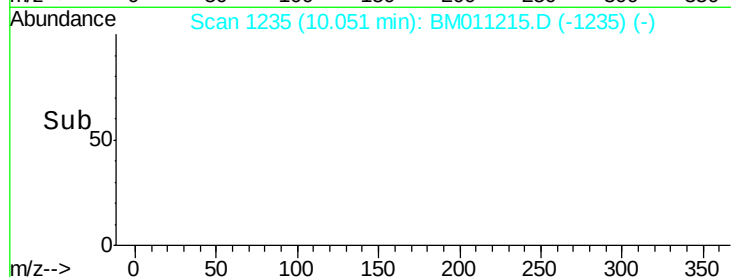
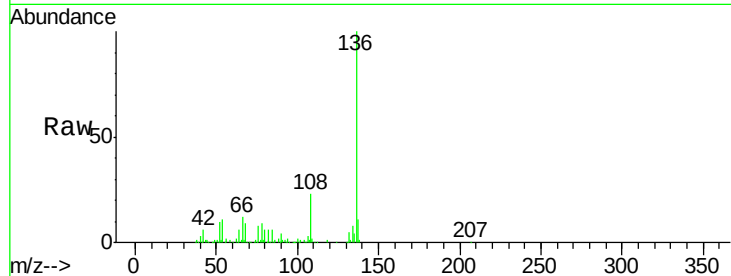




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

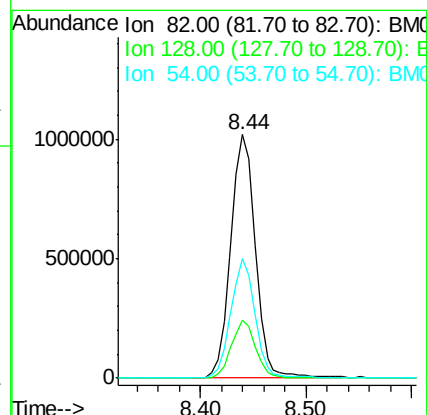
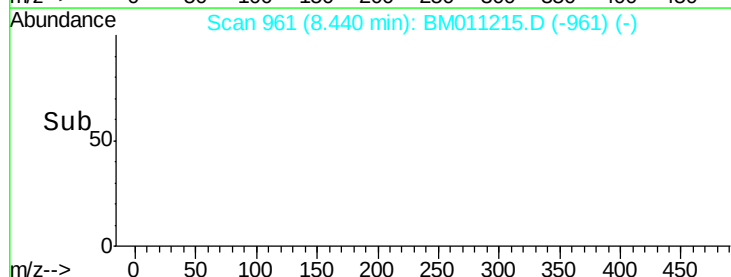
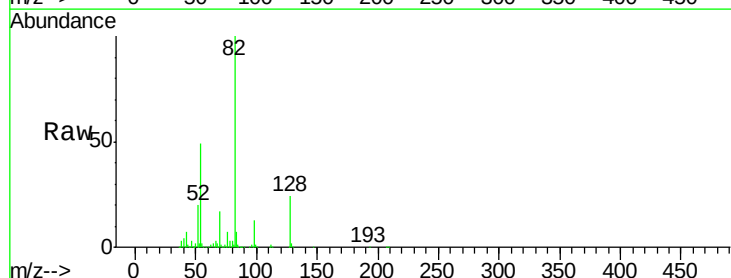
Instrument :
BNA_M
ClientSampleId :
SU-04-080917

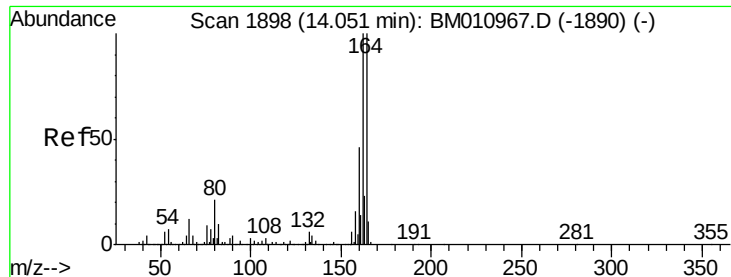
Tot Ion:136	Resp: 534188
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 10.9	4.6 6.8#
68 8.8	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 116.05 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Tgt Ion: 82	Resp: 1651807
Ion Ratio	Lower Upper
82 100	
128 23.8	32.8 49.2#
54 49.1	40.6 60.8

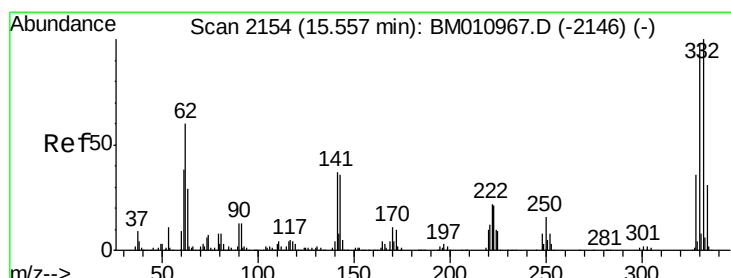
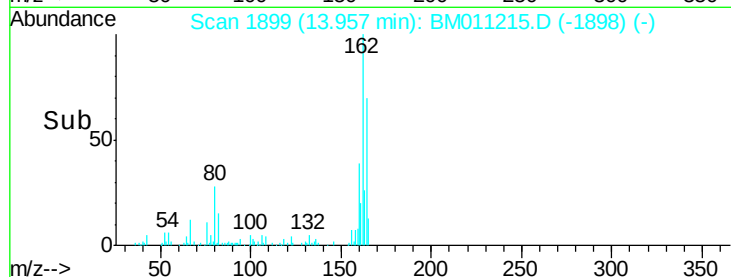
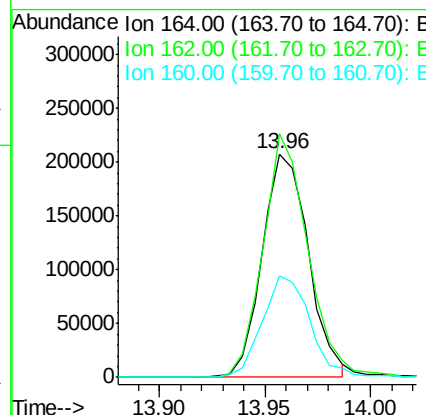
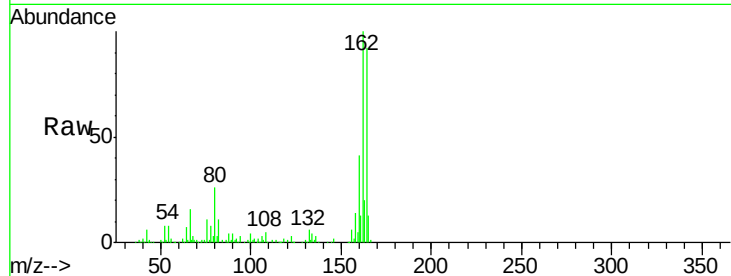




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.96 min Scan# 1899
Delta R.T. -0.09 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

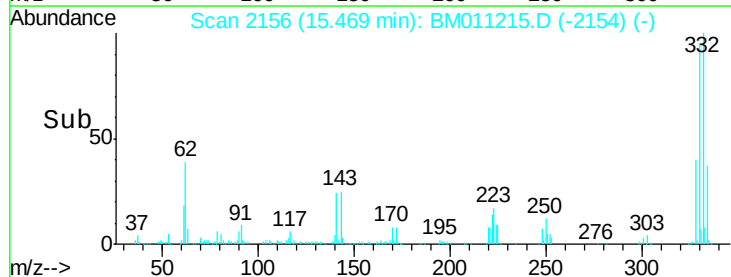
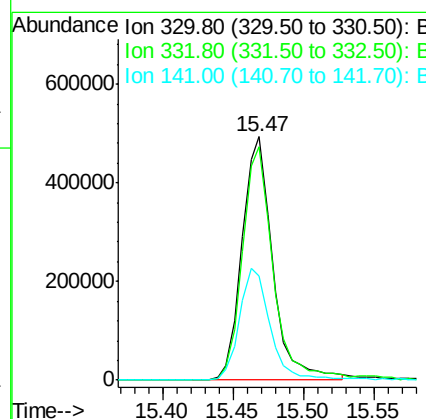
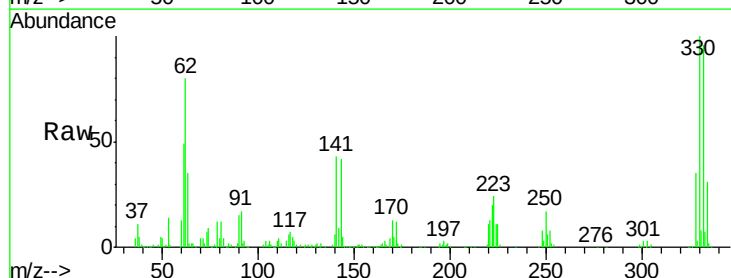
Instrument :
BNA_M
ClientSampleId :
SU-04-080917

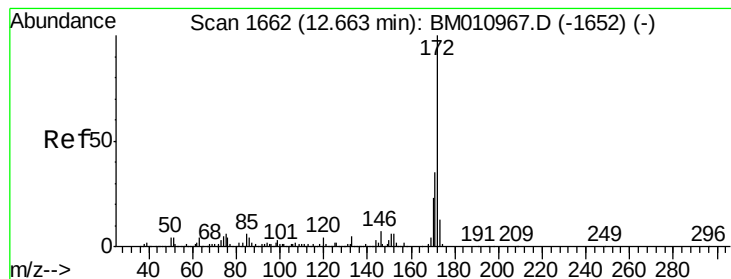
Tot Ion	Ratio	Lower	Upper
164	100		
162	108.8	82.4	123.6
160	45.1	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 148.07 ng
RT: 15.47 min Scan# 2156
Delta R.T. -0.09 min
Lab File: BM011215.D
Acq: 12 Aug 2017 12:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	45.6	0.0	0.0#



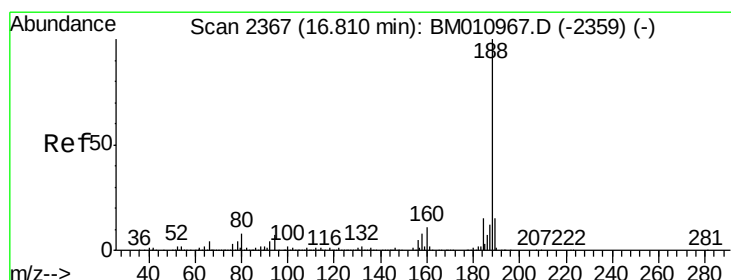
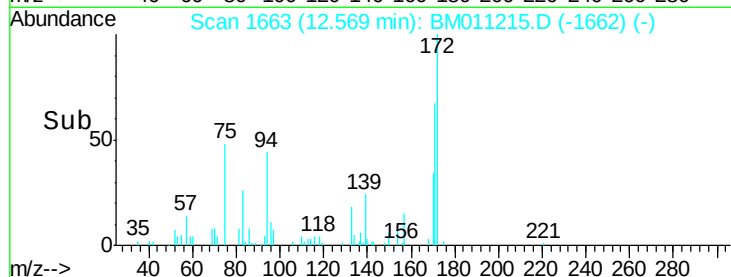
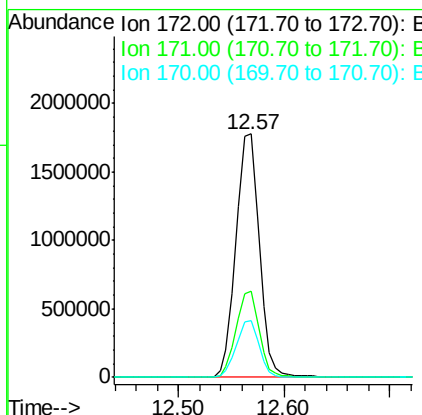
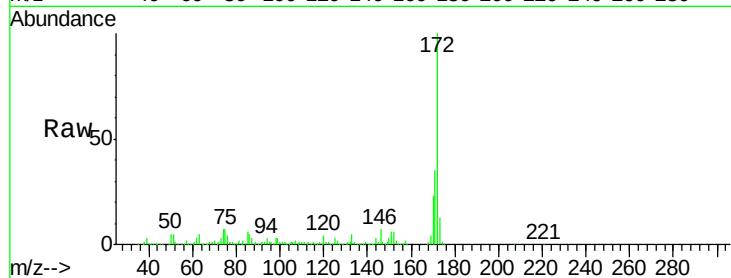


#44
 2-Fluorobiphenyl
 Concen: 107.64 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-080917

Tot Ion:172 Resp: 2714027

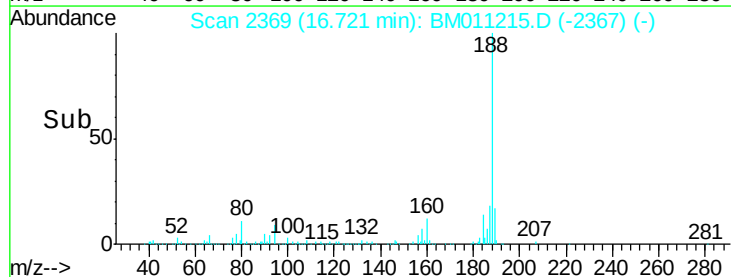
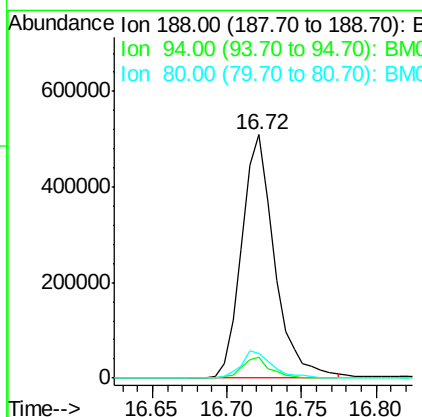
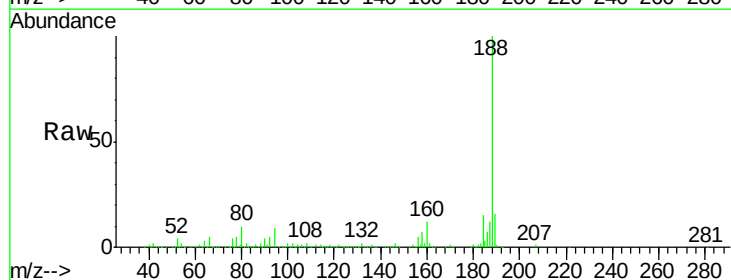
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2

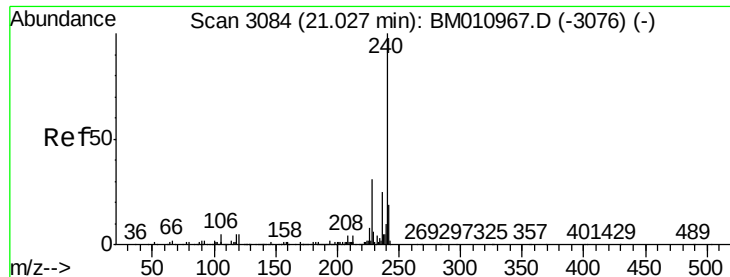


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.72 min Scan# 2369
 Delta R.T. -0.09 min
 Lab File: BM011215.D
 Acq: 12 Aug 2017 12:31

Tgt Ion:188 Resp: 778682

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	10.1	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

Instrument :

BNA_M

ClientSampleId :

SU-04-080917

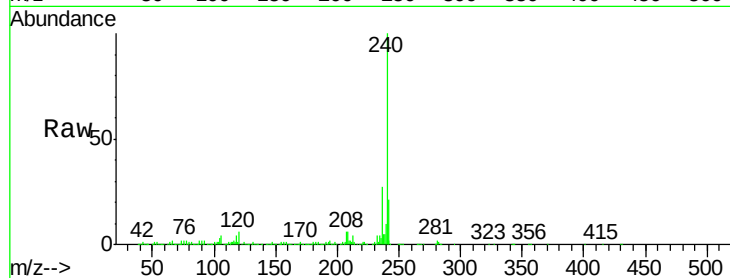
Tot Ion:240 Resp: 1010891

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

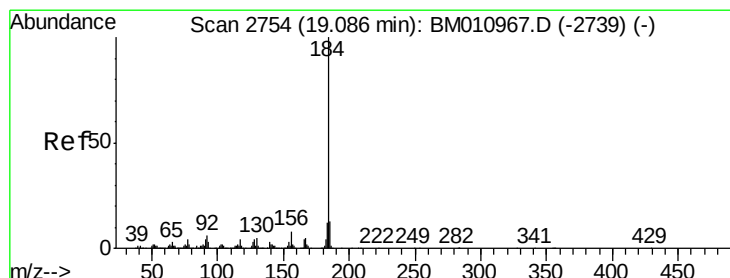
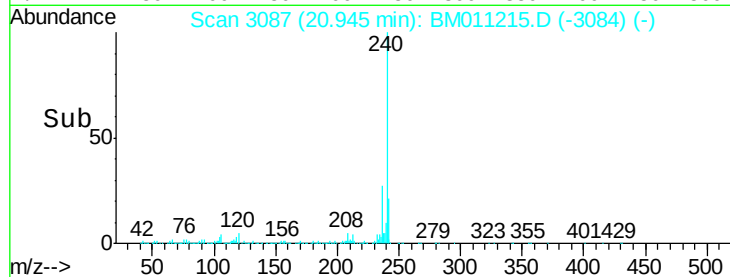
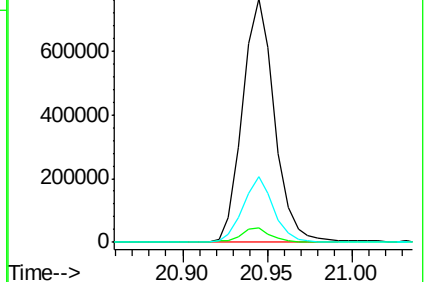
236 27.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.99 ng

RT: 19.02 min Scan# 2760

Delta R.T. -0.06 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

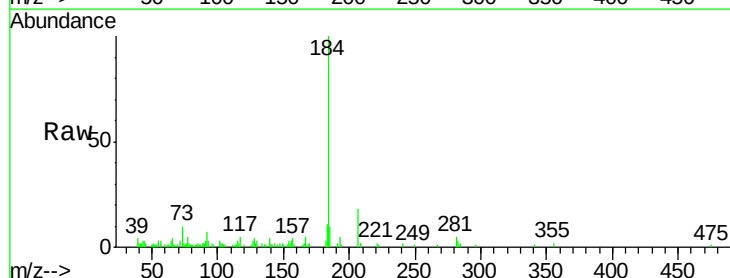
Tgt Ion:184 Resp: 96571

Ion Ratio Lower Upper

184 100

185 10.2 11.3 16.9#

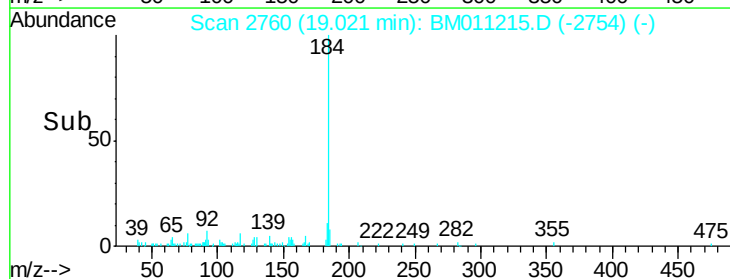
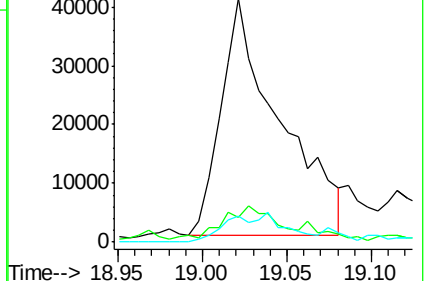
183 10.6 8.9 13.3

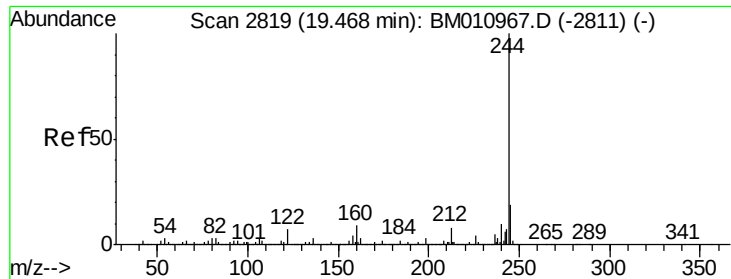


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 90.87 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

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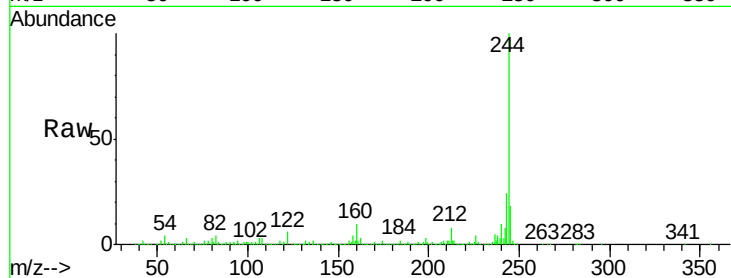
Tot Ion:244 Resp: 4637302

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

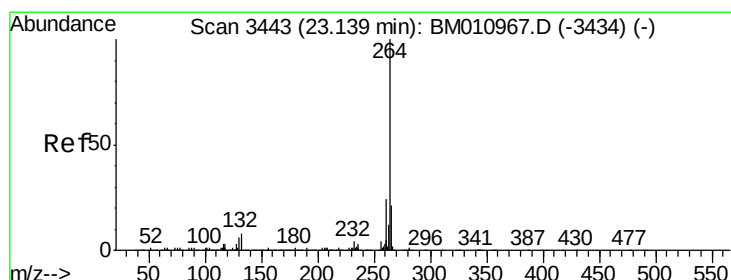
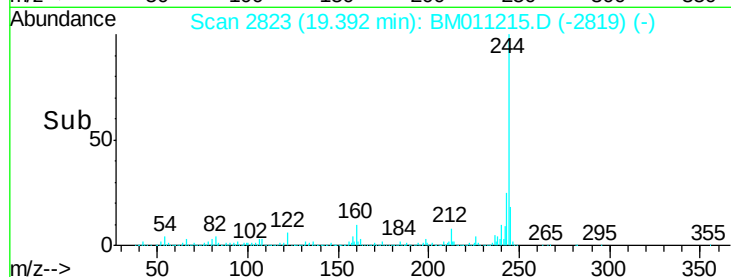
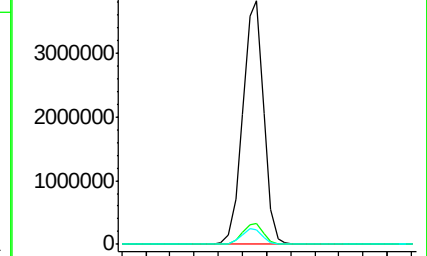
122 5.9 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011215.D

Acq: 12 Aug 2017 12:31

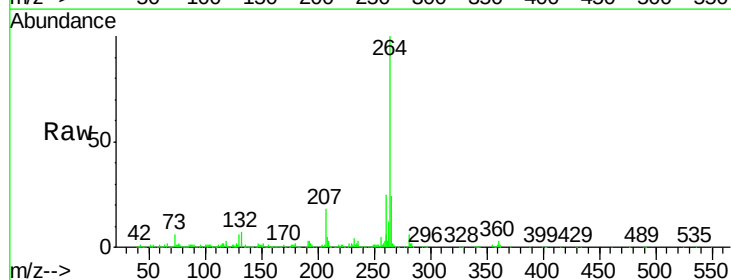
Tgt Ion:264 Resp: 951640

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 23.9 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

