

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011277.D
 Acq On : 17 Aug 2017 21:31
 Operator : SJ/JU
 Sample : I4817-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Quant Time: Aug 18 01:05:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

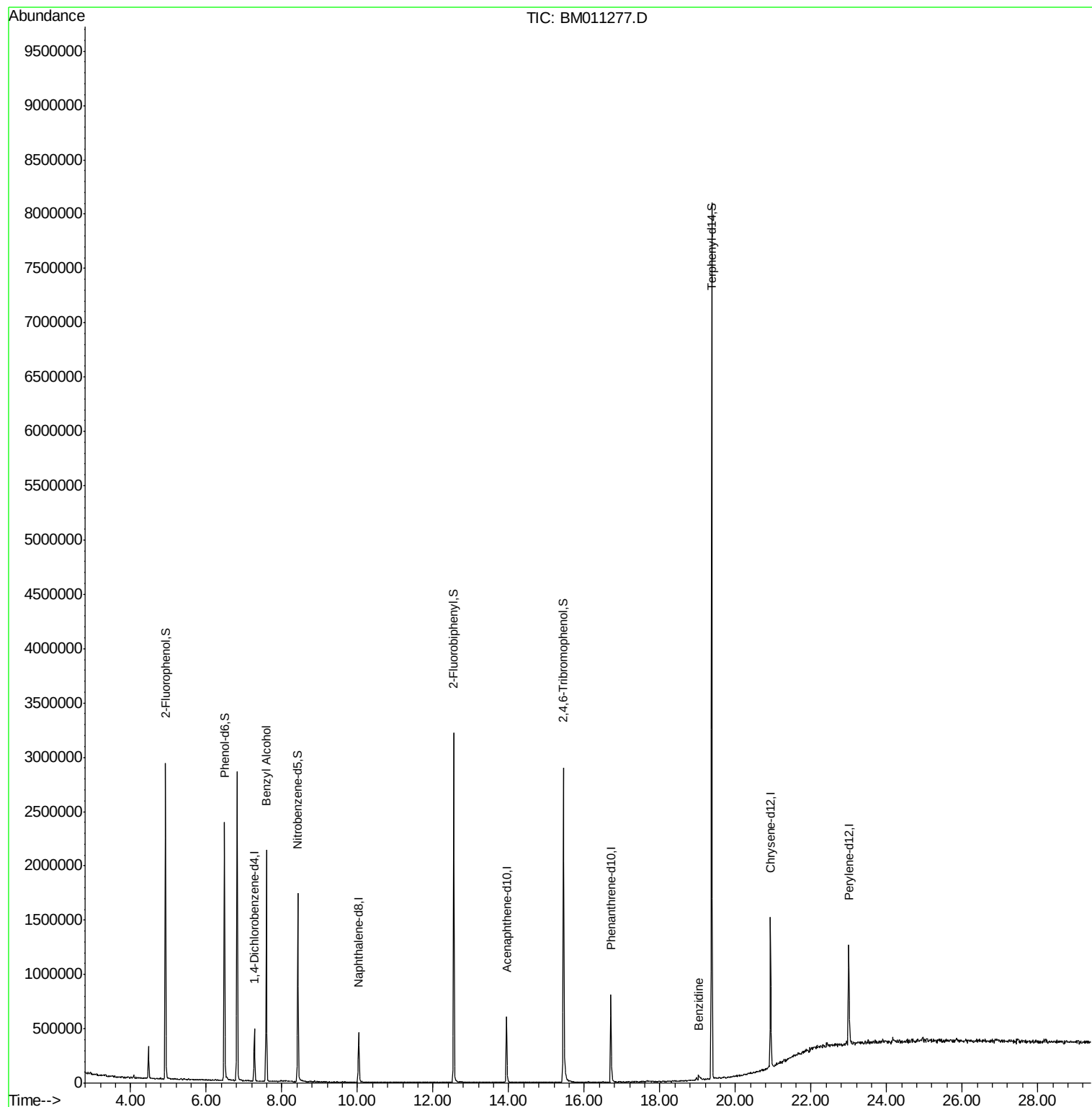
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	82328	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	265682	20.00	ng	-0.01
38) Acenaphthene-d10	13.94	164	171115	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	465005	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	667808	20.00	ng	-0.02
86) Perylene-d12	23.00	264	650678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	689067	141.49	ng	-0.01
7) Phenol-d6	6.48	99	858786	124.11	ng	-0.01
23) Nitrobenzene-d5	8.42	82	937679	132.46	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	390744	142.47	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1388040	101.73	ng	-0.01
78) Terphenyl-d14	19.37	244	2721366	80.72	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.59	79	21995	3.31	ng	Qvalue # 36
76) Benzidine	19.03	184	38180	2.39	ng	96

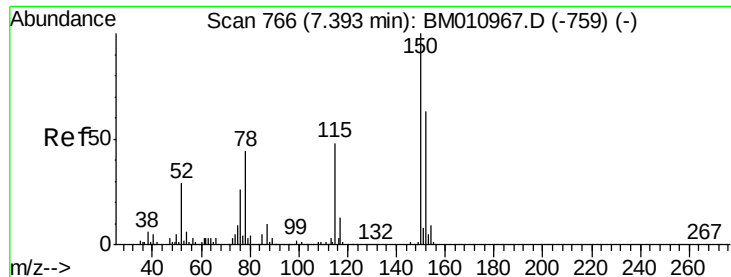
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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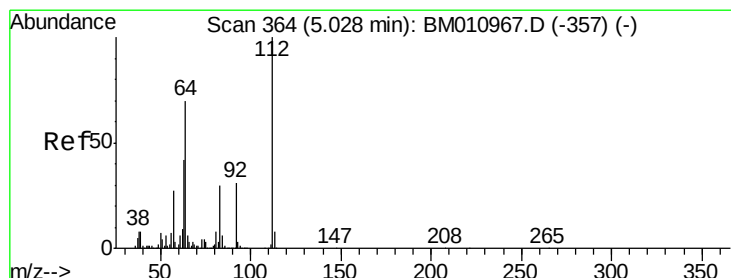
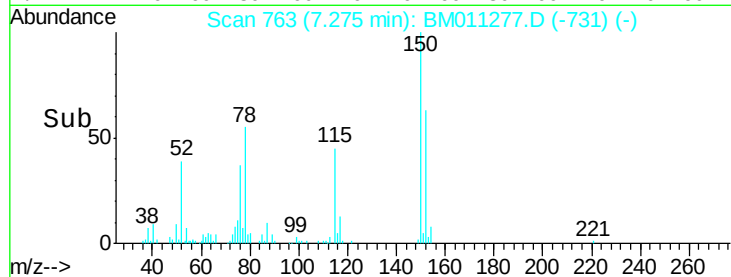
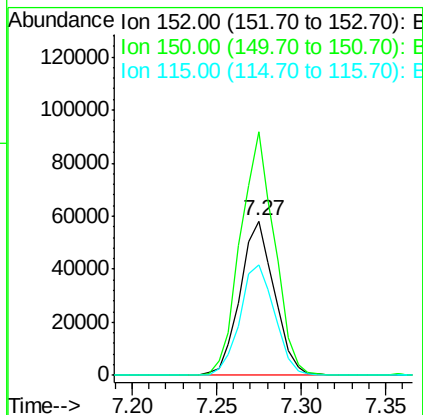
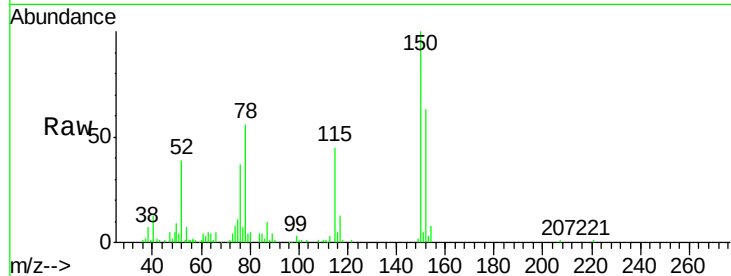


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Instrument :
BNA_M
ClientSampleId :
SU-03-081517

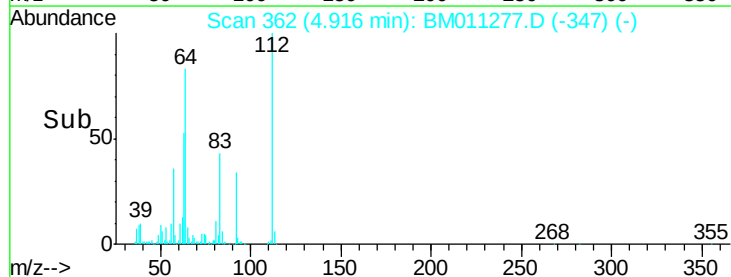
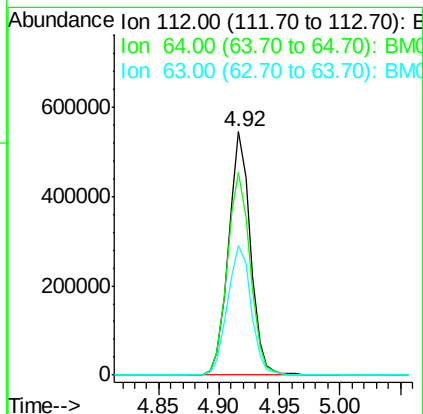
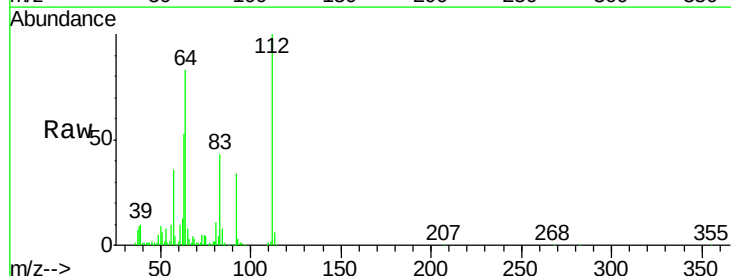
Tot Ion:152 Resp: 82328
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 71.8 43.0 64.4#

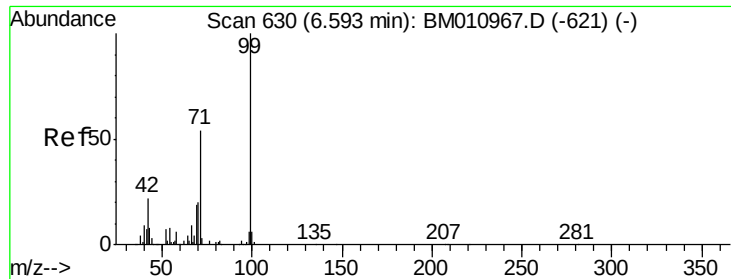


#5

2-Fluorophenol
Concen: 141.49 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Tgt Ion:112 Resp: 689067
Ion Ratio Lower Upper
112 100
64 83.0 38.6 57.8#
63 53.4 19.3 28.9#





#7

Phenol-d6

Concen: 124.11 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

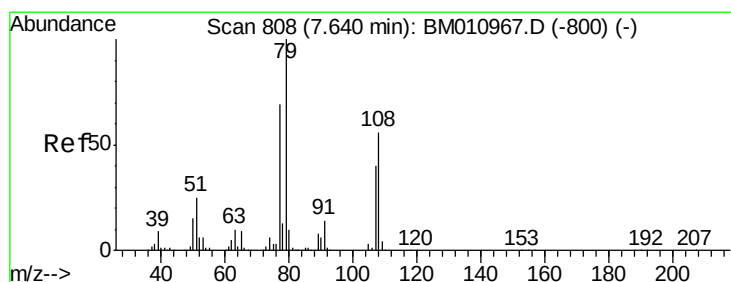
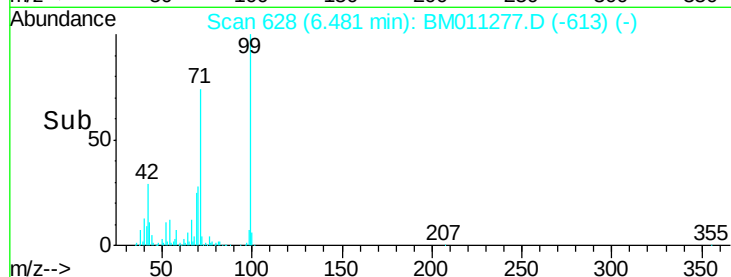
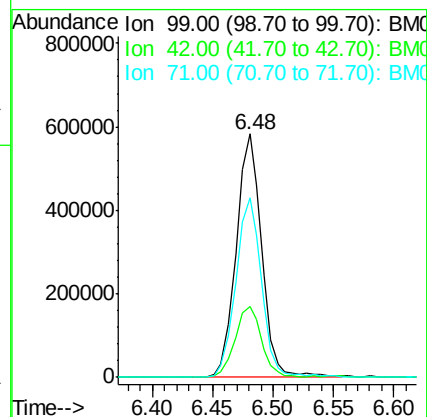
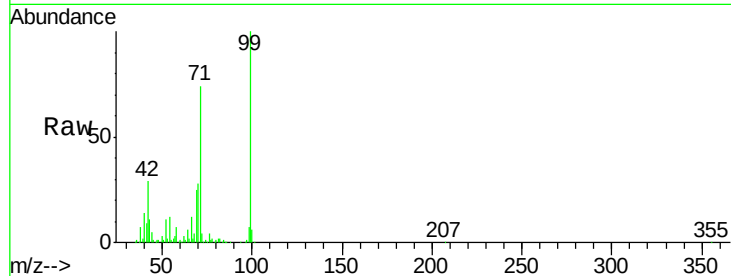
Tot Ion: 99 Resp: 858786

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

71 73.9 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.31 ng

RT: 7.59 min Scan# 816

Delta R.T. 0.05 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

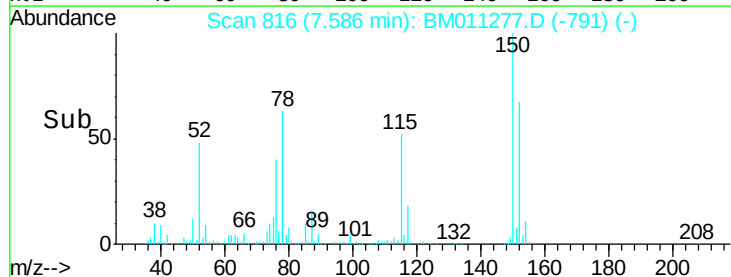
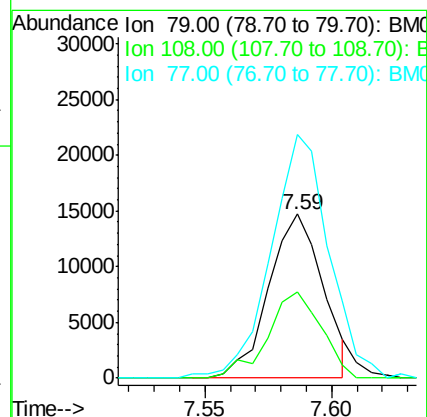
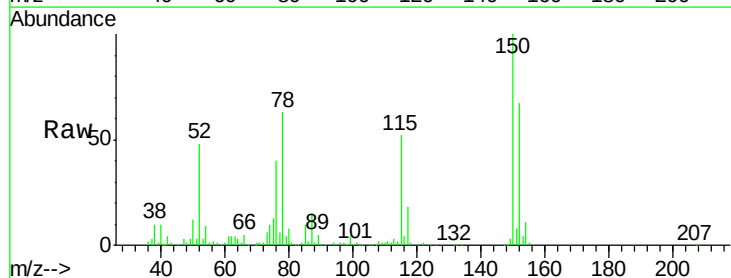
Tgt Ion: 79 Resp: 21995

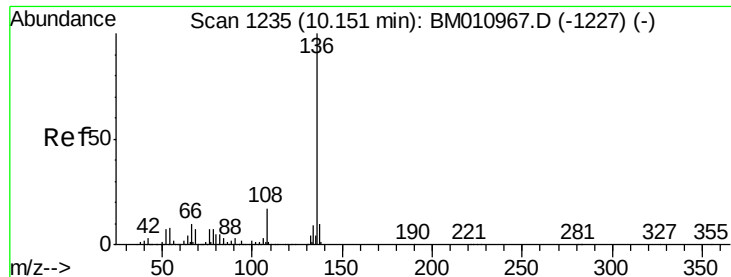
Ion Ratio Lower Upper

79 100

108 52.4 65.0 97.4#

77 148.7 53.0 79.6#

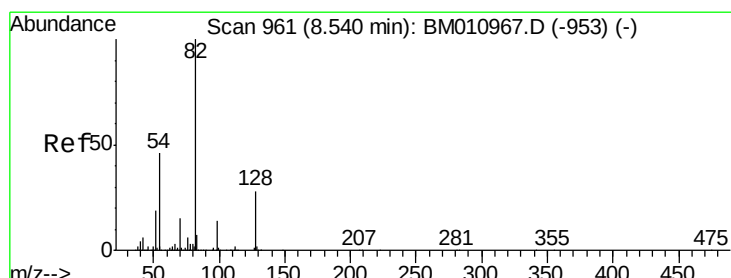
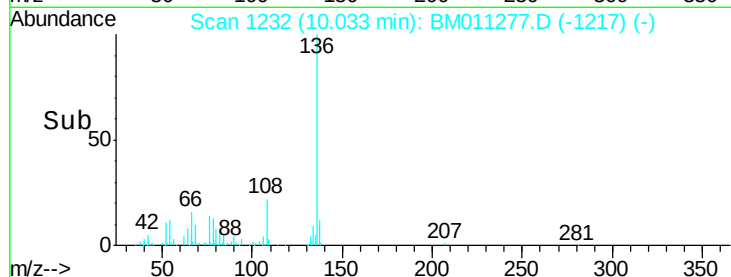
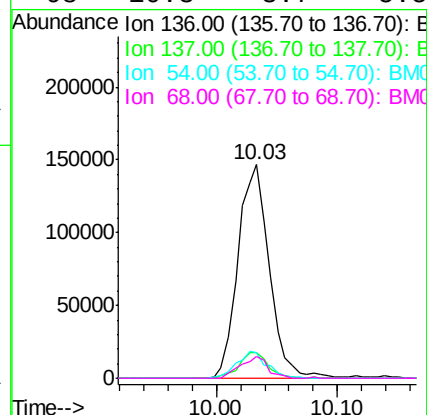
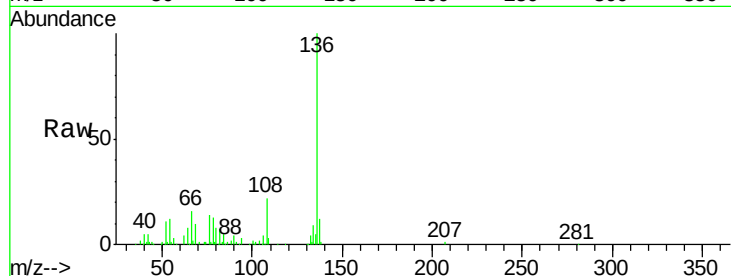




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

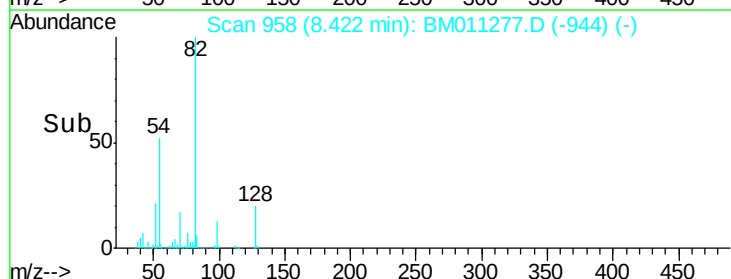
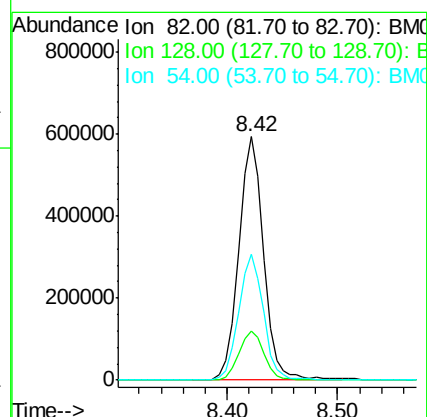
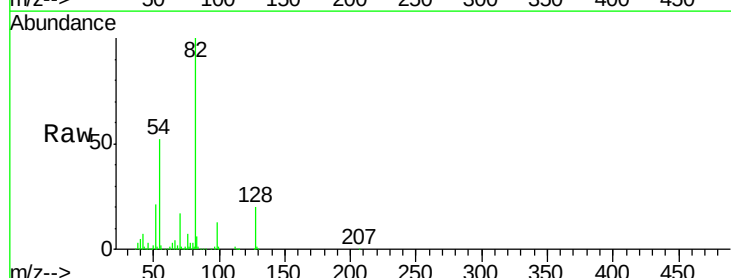
Instrument :
BNA_M
ClientSampleId :
SU-03-081517

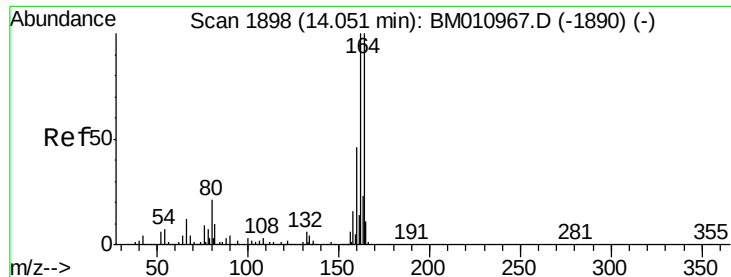
Tot Ion:136	Resp: 265682
Ion Ratio	Lower Upper
136 100	
137 12.2	8.7 13.1
54 11.9	4.6 6.8#
68 10.3	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 132.46 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Tgt	Ion: 82	Resp:	937679
Ion	Ratio	Lower	Upper
82	100		
128	20.0	32.8	49.2#
54	51.7	40.6	60.8

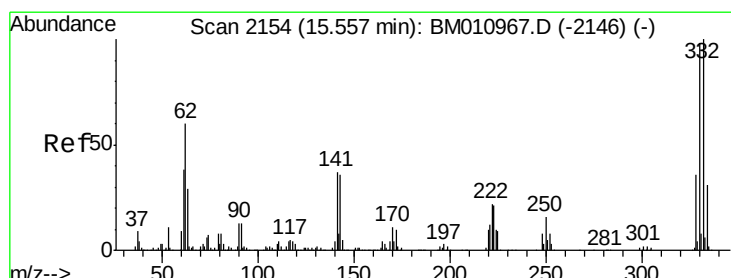
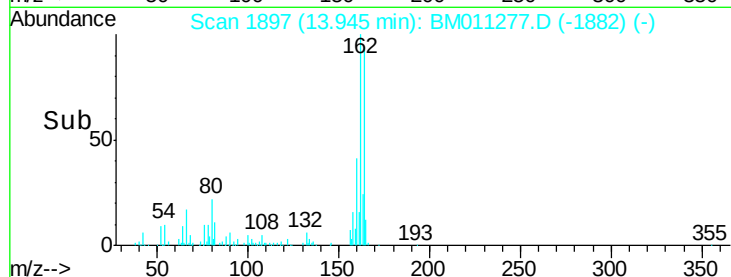
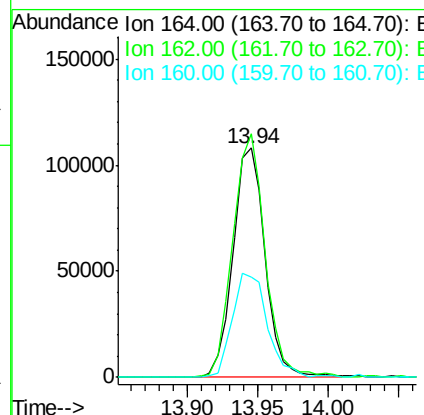
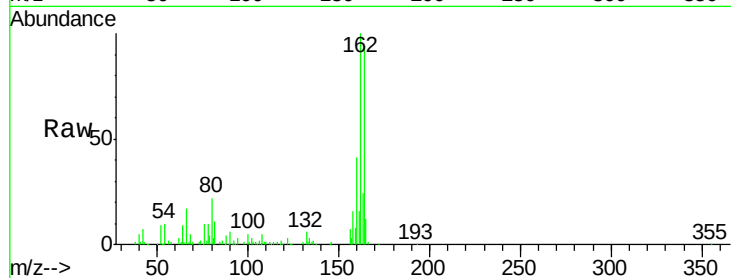




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

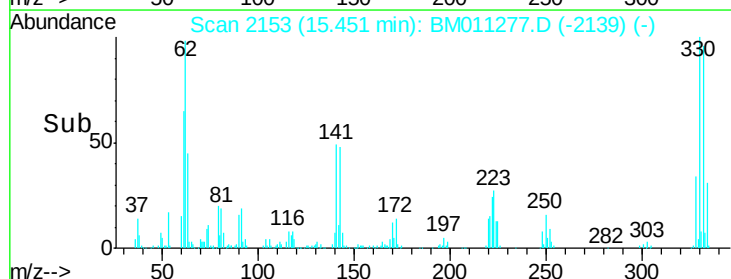
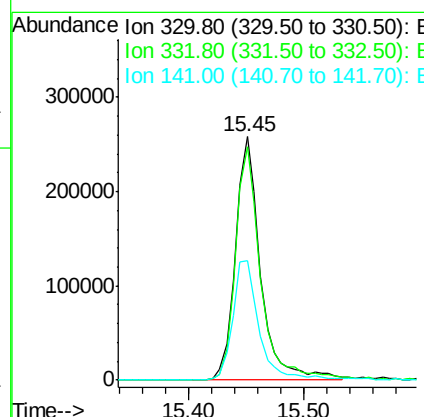
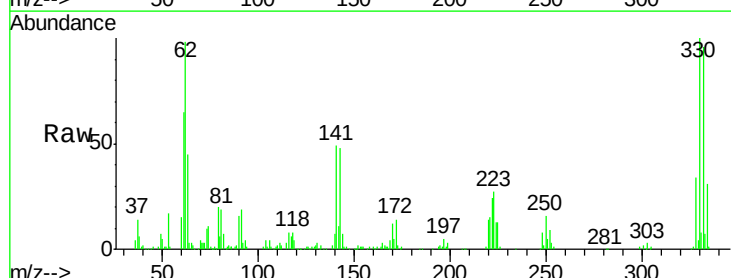
Instrument :
BNA_M
ClientSampleId :
SU-03-081517

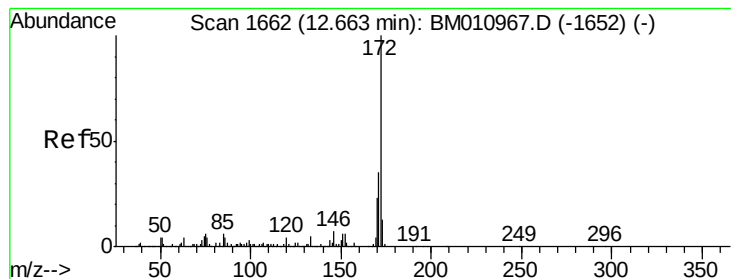
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	44.0	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 142.47 ng
RT: 15.45 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	51.2	0.0	0.0#





#44

2-Fluorobiphenyl

Concen: 101.73 ng

RT: 12.55 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Instrument :

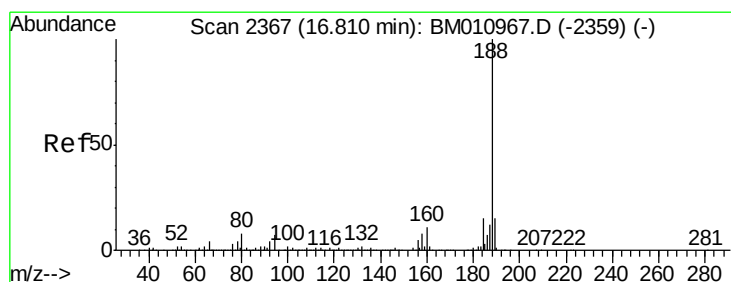
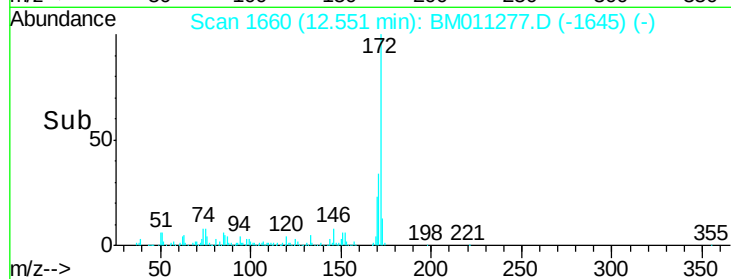
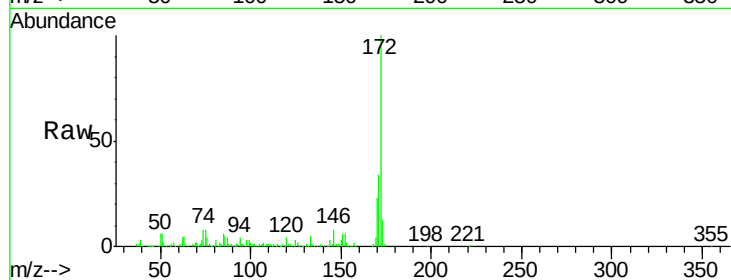
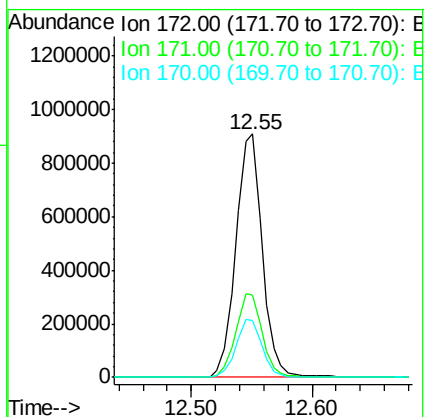
BNA_M

ClientSampleId :

SU-03-081517

Tot Ion:172 Resp: 1388040

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.1	18.8	28.2



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2366

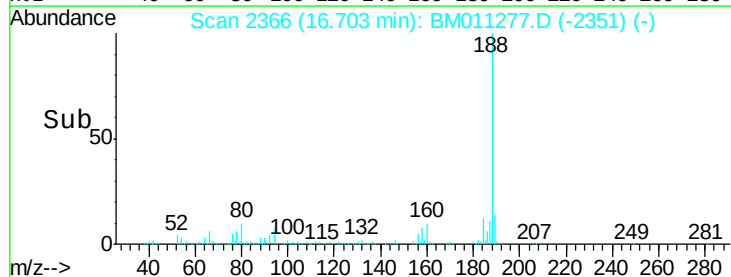
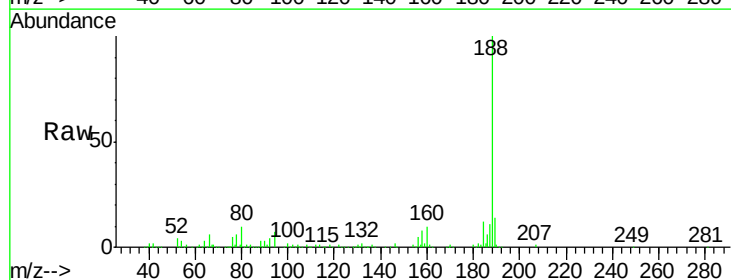
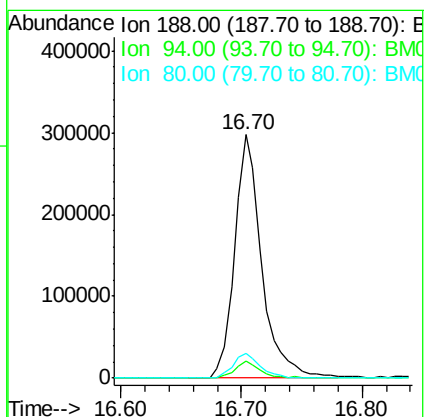
Delta R.T. -0.01 min

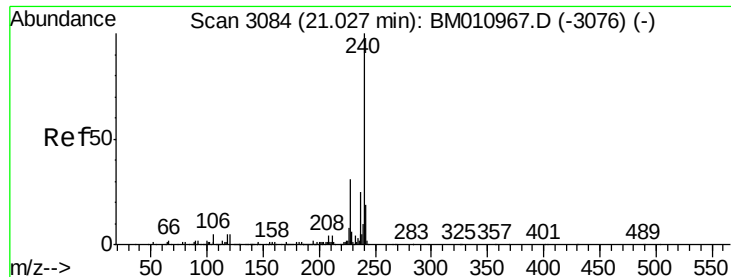
Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Tgt Ion:188 Resp: 465005

Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	10.2	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

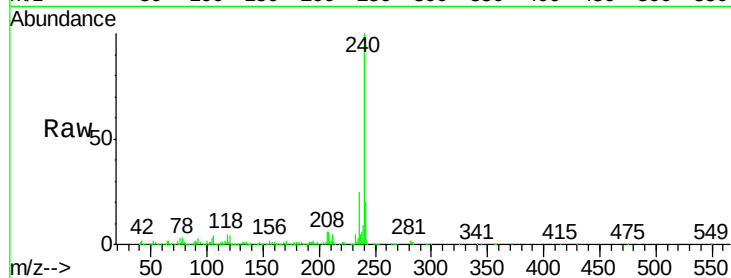
Tot Ion:240 Resp: 667808

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

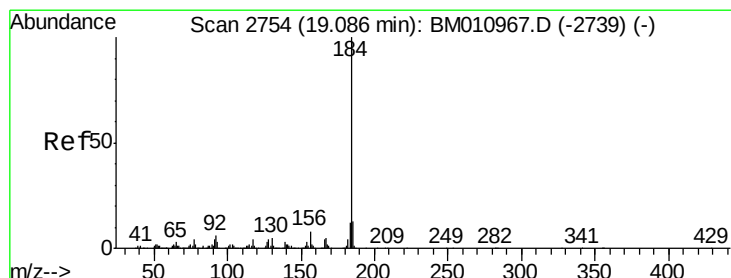
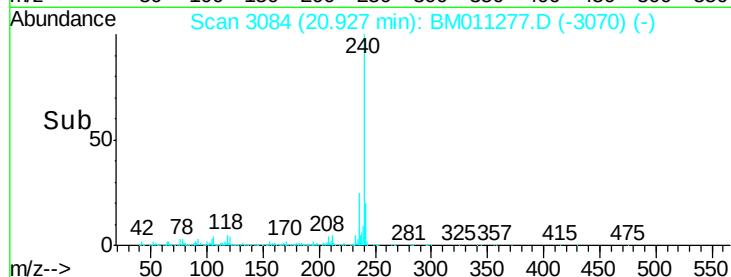
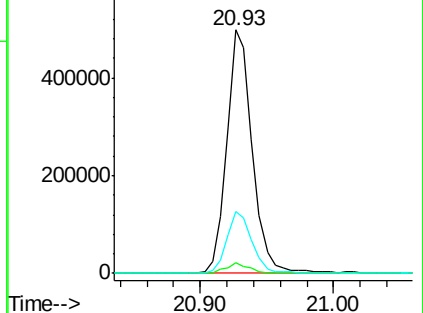
236 25.3 20.0 30.0



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: 2.39 ng

RT: 19.03 min Scan# 2761

Delta R.T. 0.02 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

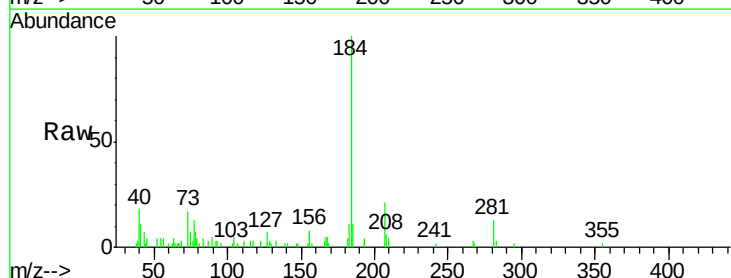
Tgt Ion:184 Resp: 38180

Ion Ratio Lower Upper

184 100

185 11.4 11.3 16.9

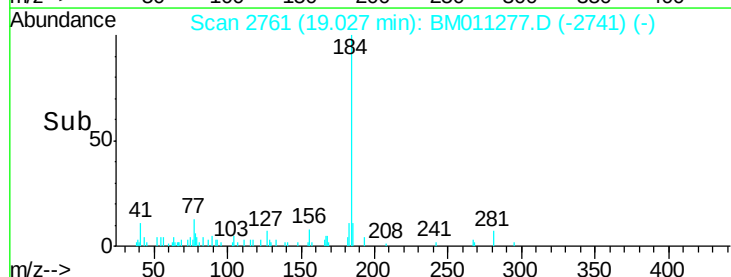
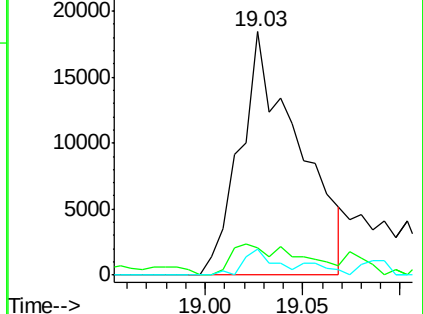
183 10.6 8.9 13.3

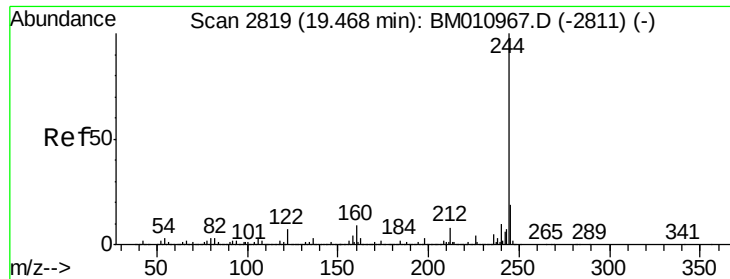


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

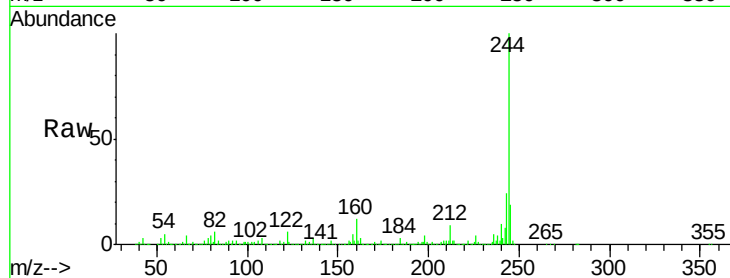




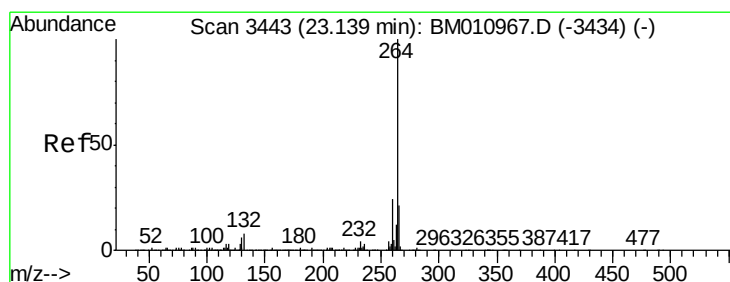
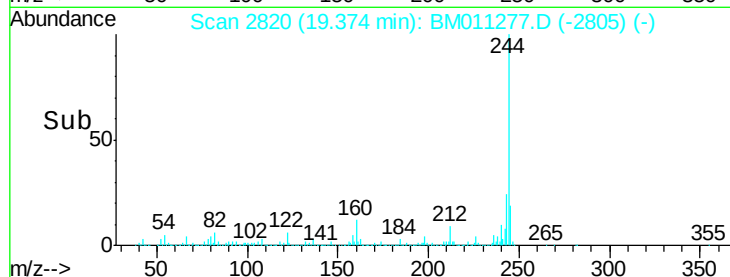
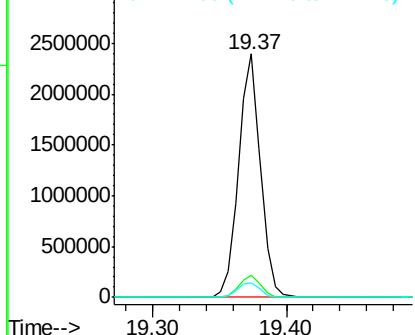
#78
 Terphenyl-d14
 Concen: 80.72 ng
 RT: 19.37 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Tot Ion:244 Resp: 2721366
 Ion Ratio Lower Upper
 244 100
 212 9.3 4.9 7.3#
 122 6.0 6.2 9.4#

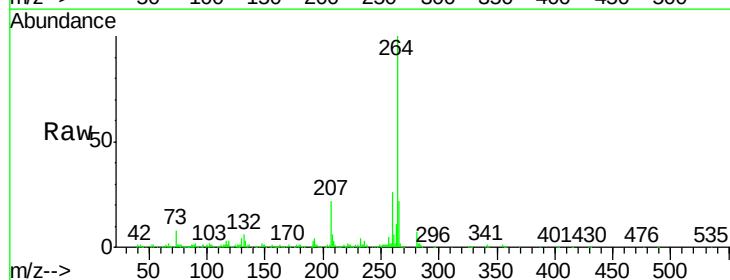


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

Tgt Ion:264 Resp: 650678
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.6 27.8
 265 21.6 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

