

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011160.D
 Acq On : 07 Aug 2017 19:54
 Operator : SJ/JU
 Sample : I4611-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-080317-B

Quant Time: Aug 08 01:02:48 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

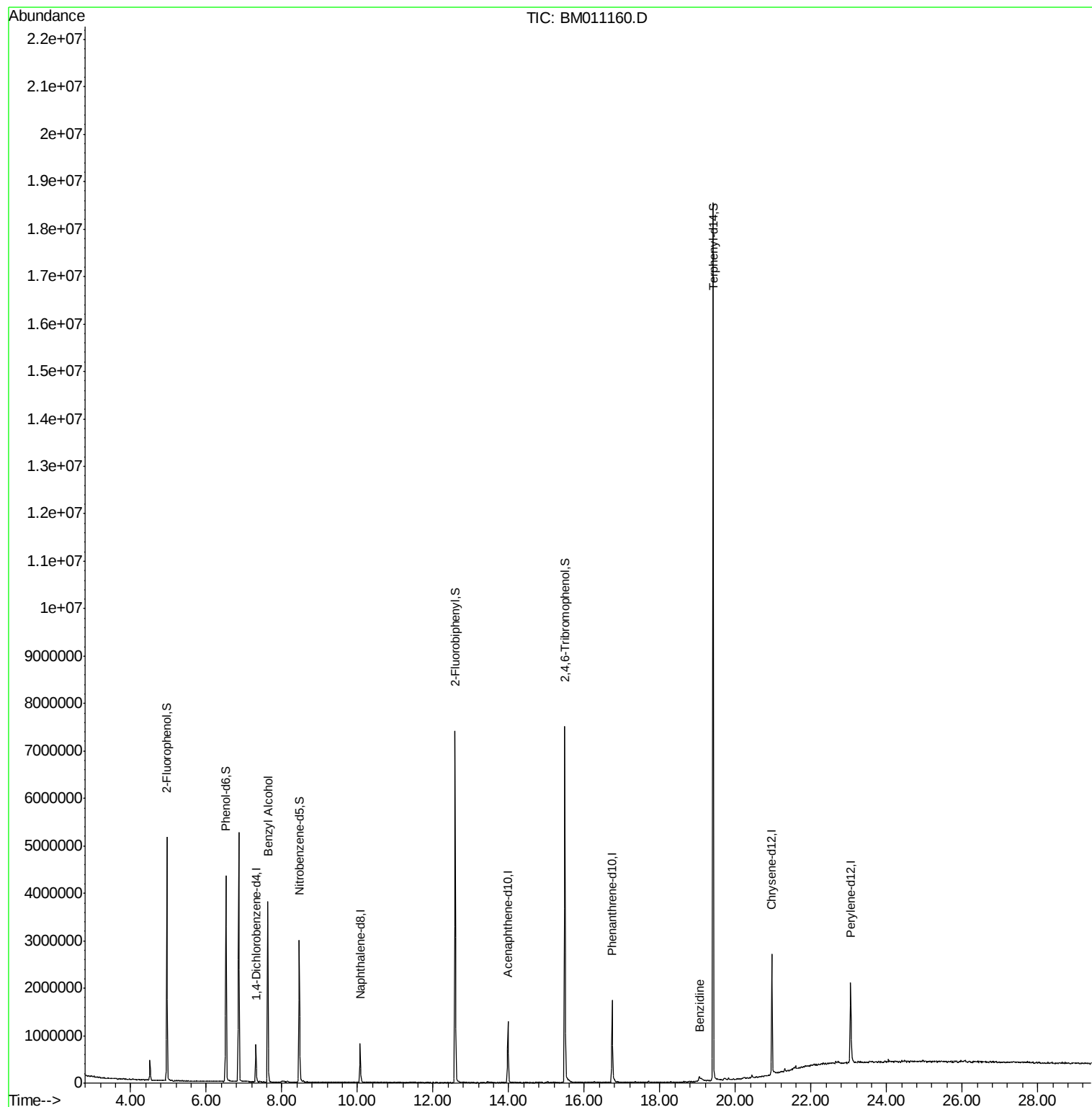
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	141962	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	495300	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	371014	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	959696	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1300630	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1293740	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1322351	157.46	ng	-0.07
7) Phenol-d6	6.52	99	1694269	141.99	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1666620	126.29	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	996193	167.52	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3010545	101.77	ng	-0.08
78) Terphenyl-d14	19.41	244	6608275	100.64	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.62	79	34611	3.02	ng	# 43
76) Benzidine	19.05	184	86865	2.79	ng	# 92

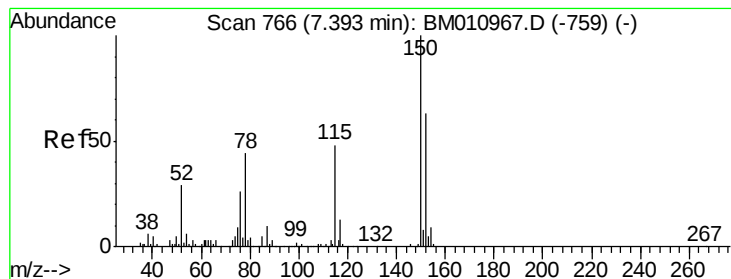
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 770

Delta R.T. -0.08 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

Instrument :

BNA_M

ClientSampleId :

EO-01-080317-B

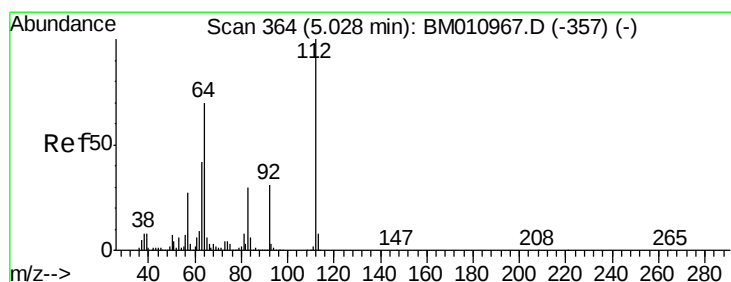
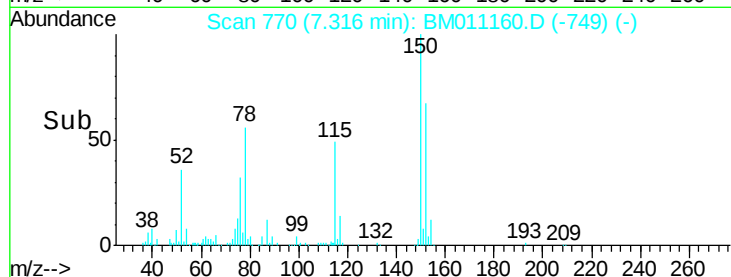
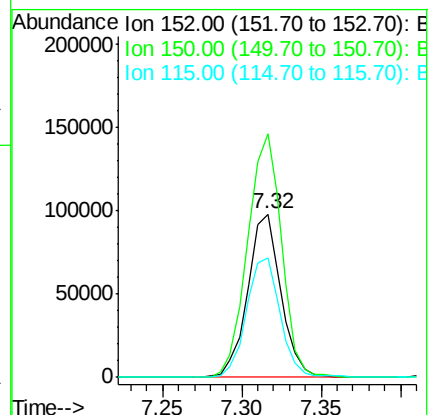
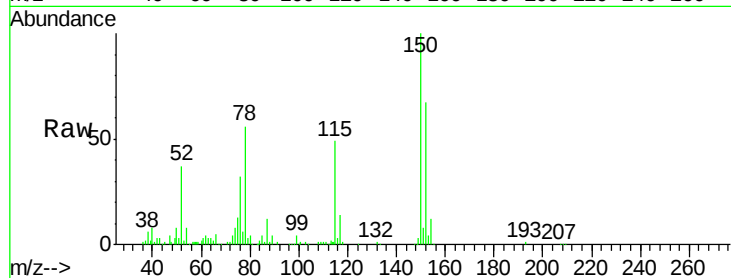
Tot Ion:152 Resp: 141962

Ion Ratio Lower Upper

152 100

150 149.1 119.5 179.3

115 73.1 43.0 64.4#



#5

2-Fluorophenol

Concen: 157.46 ng

RT: 4.96 min Scan# 369

Delta R.T. -0.07 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

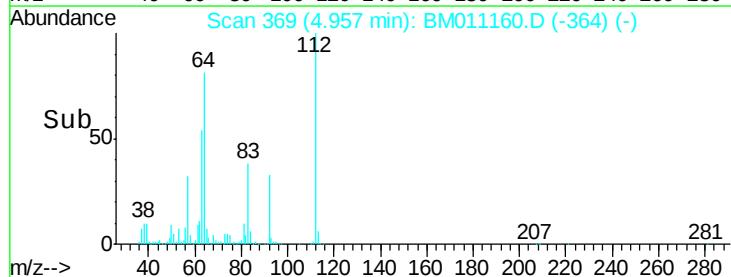
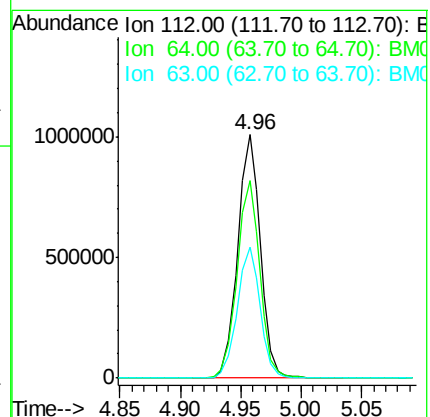
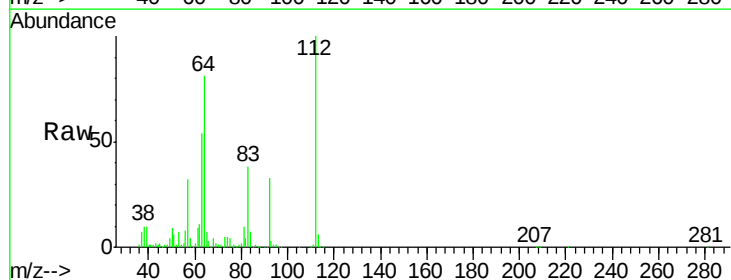
Tgt Ion:112 Resp: 1322351

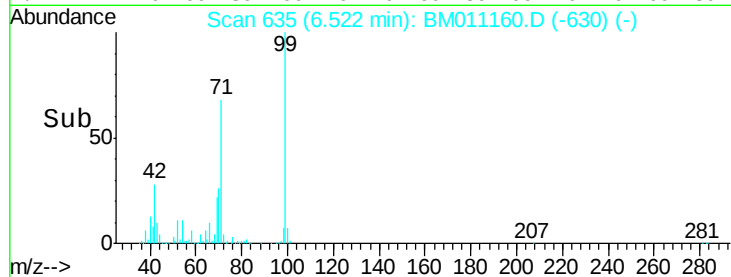
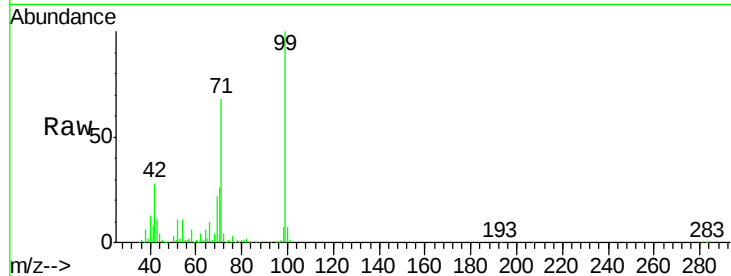
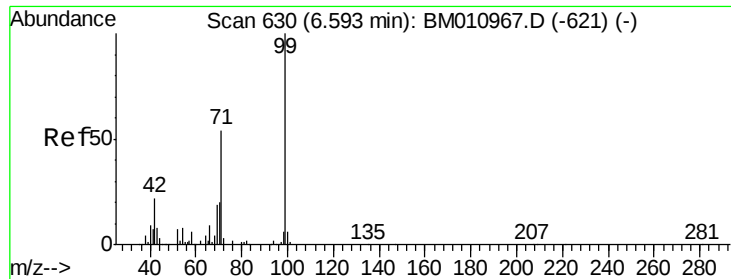
Ion Ratio Lower Upper

112 100

64 81.1 38.6 57.8#

63 53.9 19.3 28.9#





#7

Phenol-d6

Concen: 141.99 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

Instrument :

BNA_M

ClientSampleId :

EO-01-080317-B

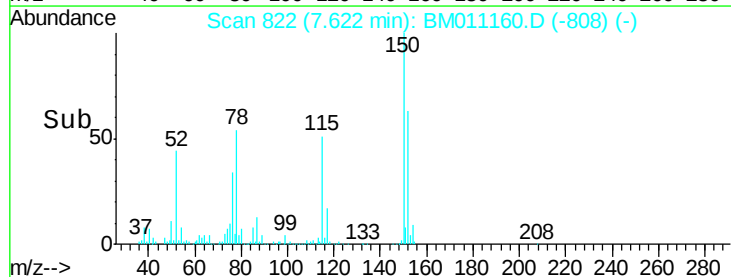
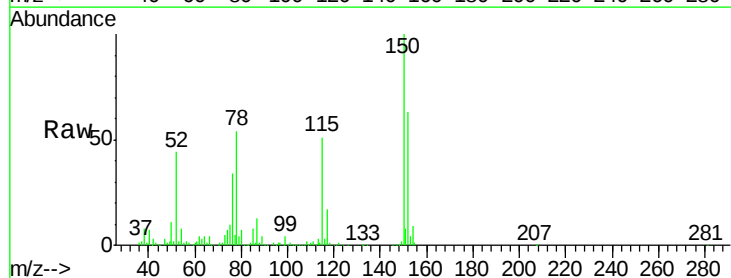
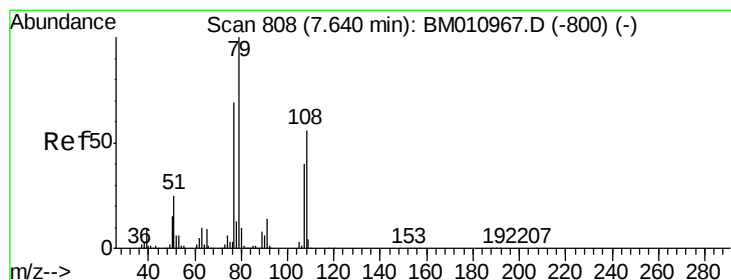
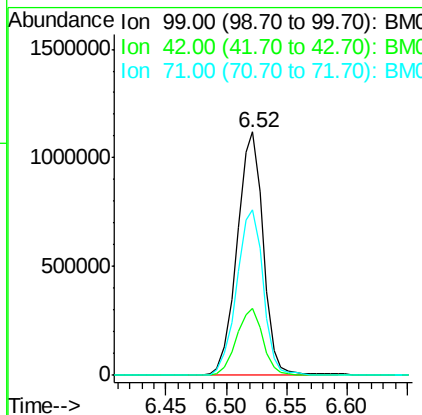
Tot Ion: 99 Resp: 1694269

Ion Ratio Lower Upper

99 100

42 27.7 11.0 16.4#

71 68.2 23.4 35.2#



#15

Benzyl Alcohol

Concen: 3.02 ng

RT: 7.62 min Scan# 822

Delta R.T. -0.02 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

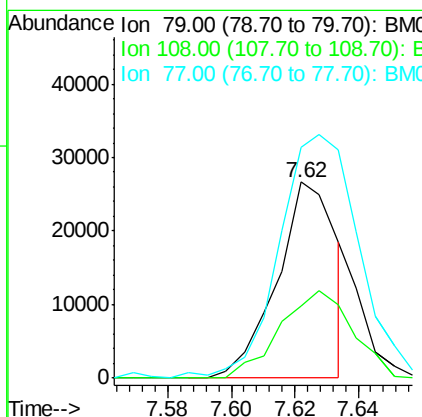
Tgt Ion: 79 Resp: 34611

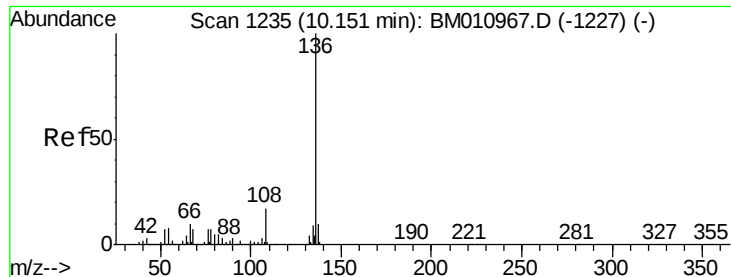
Ion Ratio Lower Upper

79 100

108 36.8 65.0 97.4#

77 117.8 53.0 79.6#

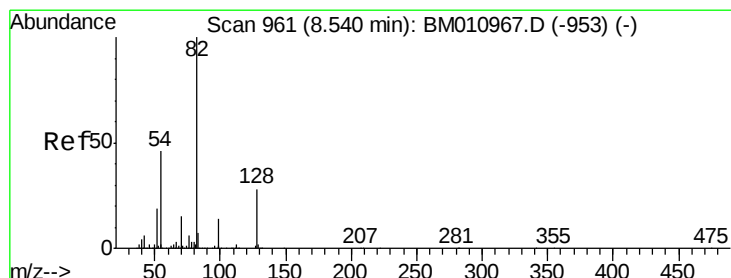
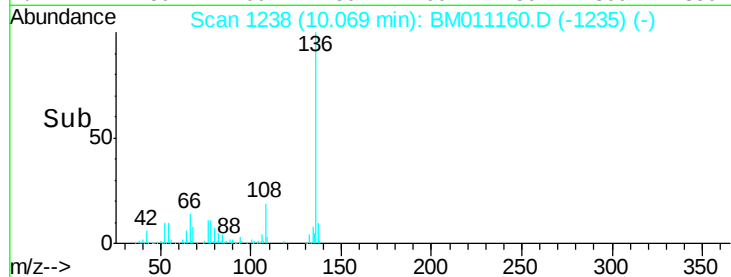
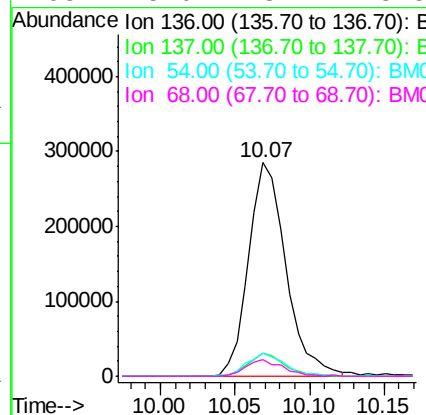
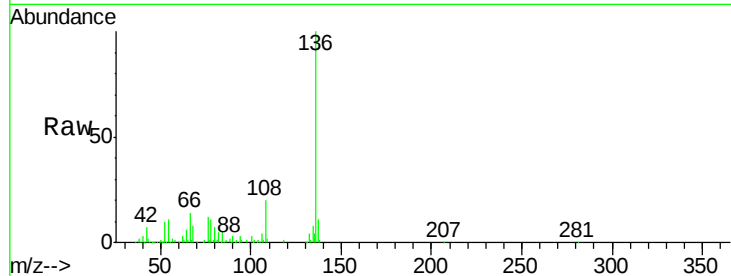




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

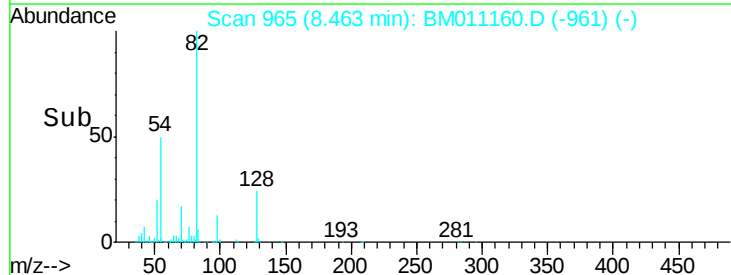
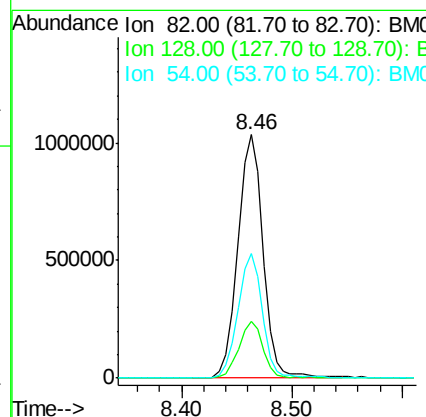
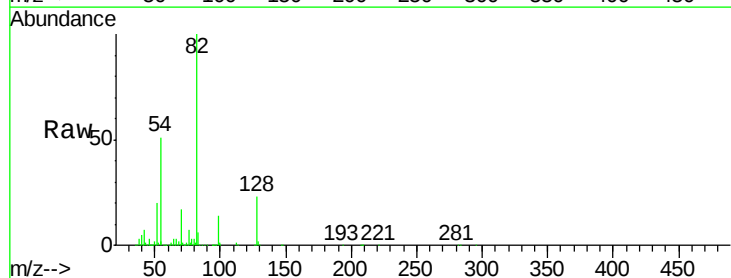
Instrument :
BNA_M
ClientSampleId :
EO-01-080317-B

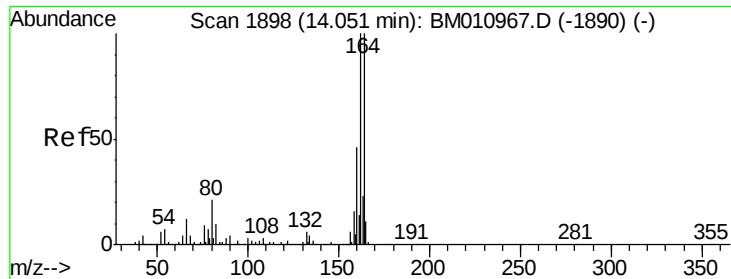
Tot Ion:136	Resp:	495300
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.7 13.1
54	10.7	4.6 6.8#
68	8.0	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 126.29 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.08 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

Tgt Ion: 82	Resp:	1666620
Ion Ratio	Lower	Upper
82	100	
128	23.5	32.8 49.2#
54	51.0	40.6 60.8

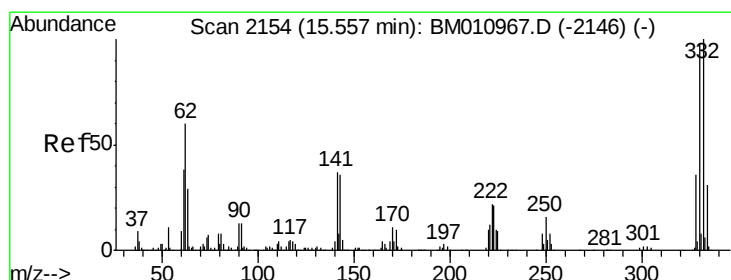
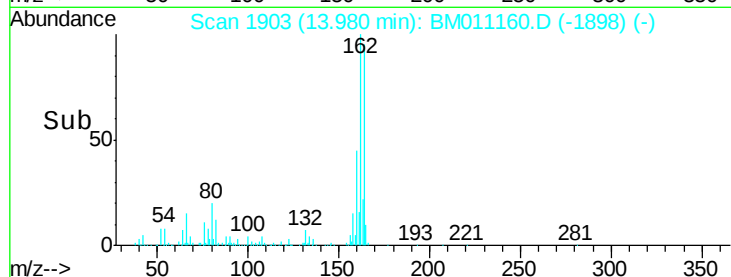
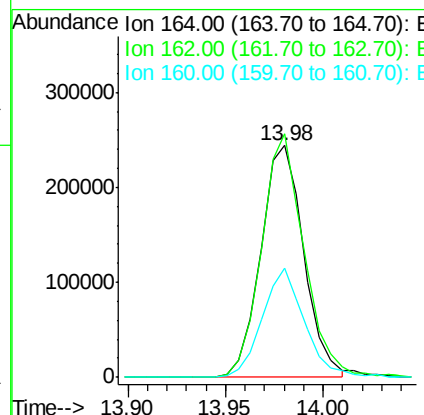
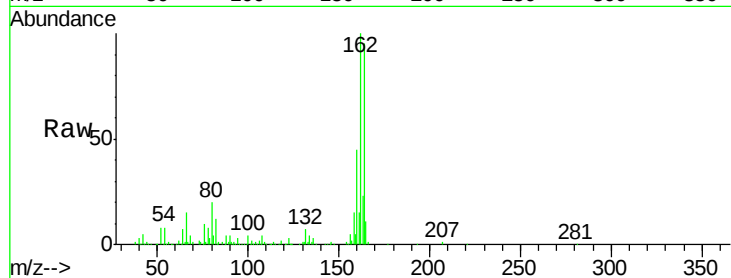




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.98 min Scan# 1903
Delta R.T. -0.07 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

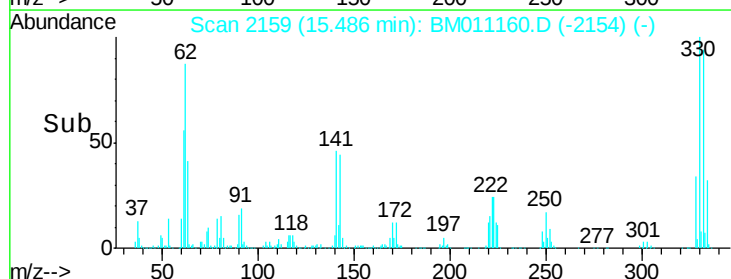
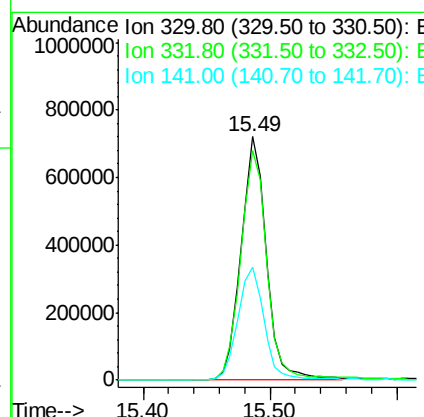
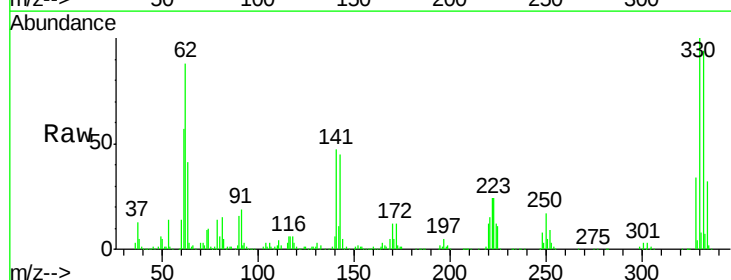
Instrument :
BNA_M
ClientSampleId :
EO-01-080317-B

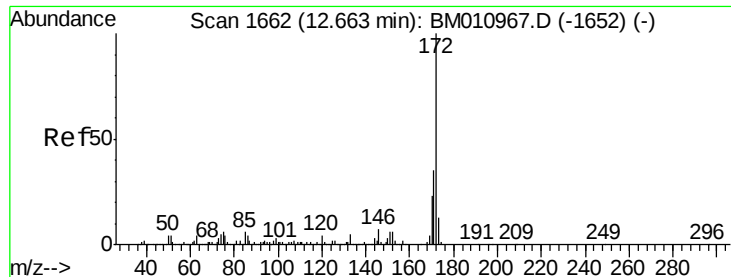
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	47.0	35.8	53.6



#41
2,4,6-Tribromophenol
Concen: 167.52 ng
RT: 15.49 min Scan# 2159
Delta R.T. -0.07 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	48.3	0.0	0.0#

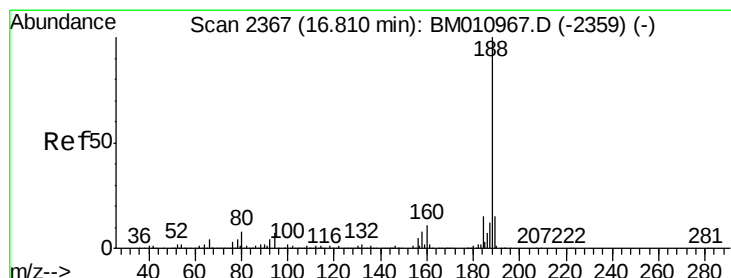
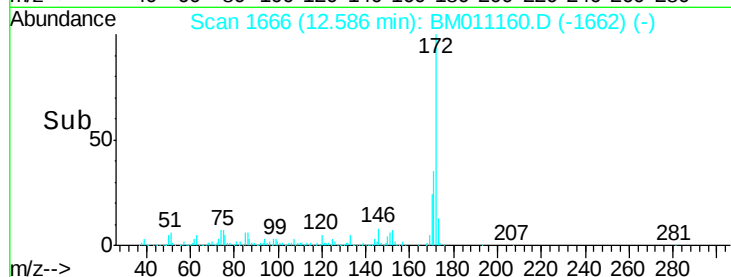
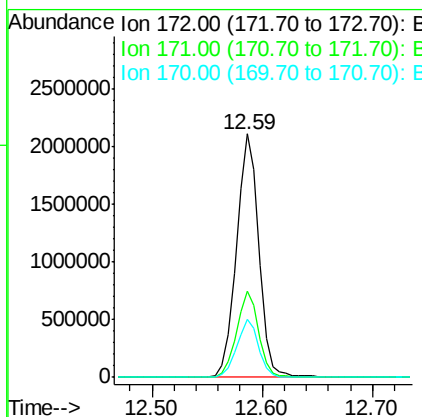
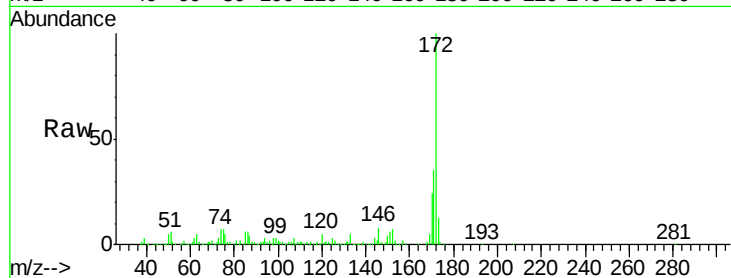




#44
2-Fluorobiphenyl
Concen: 101.77 ng
RT: 12.59 min Scan# 1666
Delta R.T. -0.08 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

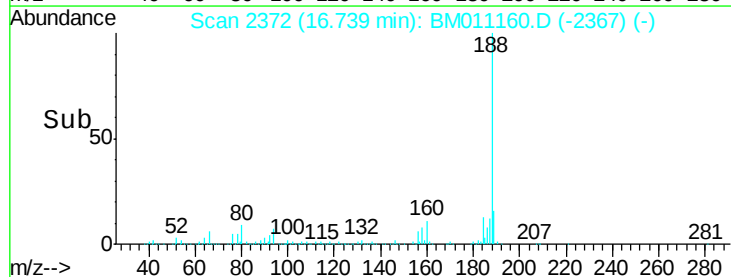
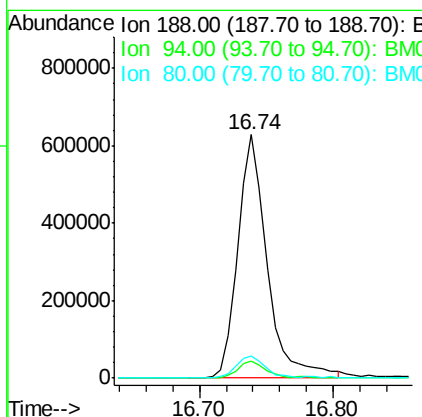
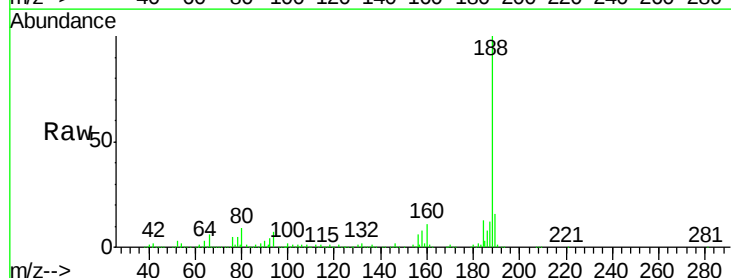
Instrument :
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ClientSampleId :
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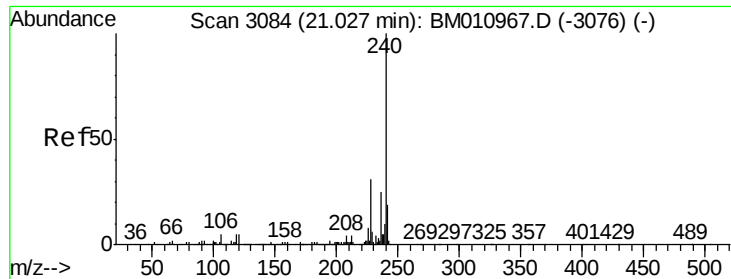
Tot Ion:172 Resp: 3010545
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

Tgt Ion:188 Resp: 959696
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 9.0 9.3 13.9#

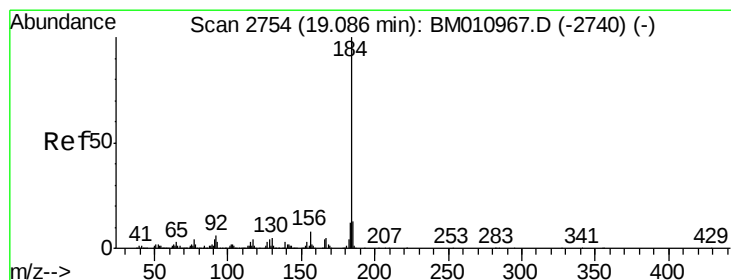
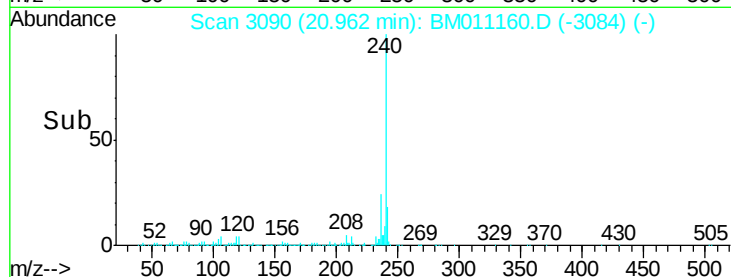
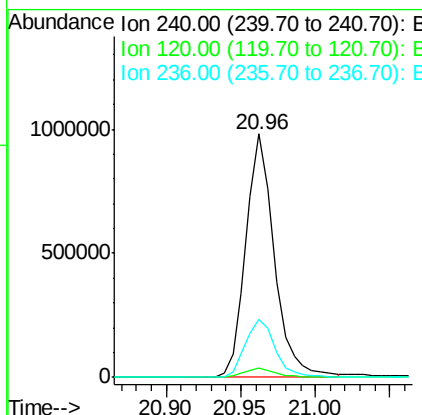
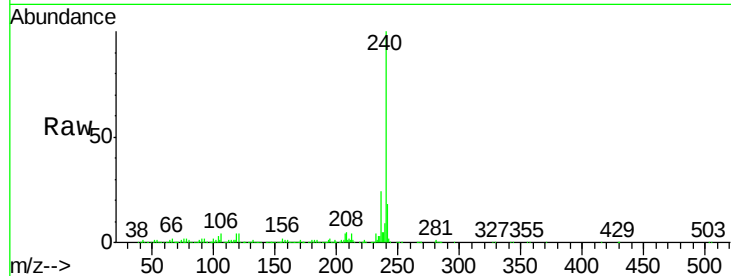




#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

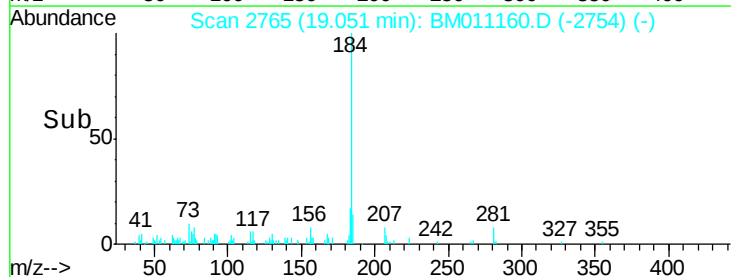
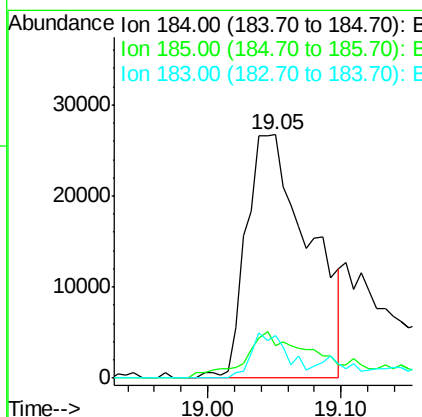
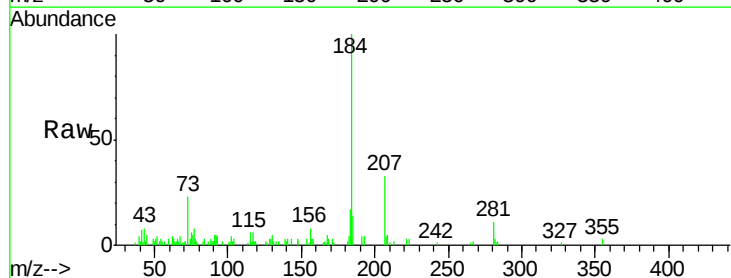
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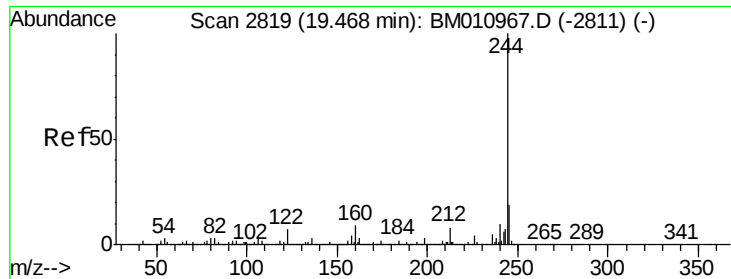
Tot Ion:240 Resp: 1300630
Ion Ratio Lower Upper
240 100
120 4.1 8.2 12.2#
236 24.0 20.0 30.0



#76
Benzidine
Concen: 2.79 ng
RT: 19.05 min Scan# 2765
Delta R.T. -0.04 min
Lab File: BM011160.D
Acq: 07 Aug 2017 19:54

Tgt Ion:184 Resp: 86865
Ion Ratio Lower Upper
184 100
185 13.5 11.3 16.9
183 17.3 8.9 13.3#





#78

Terphenyl-d14

Concen: 100.64 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

Instrument :

BNA_M

ClientSampleId :

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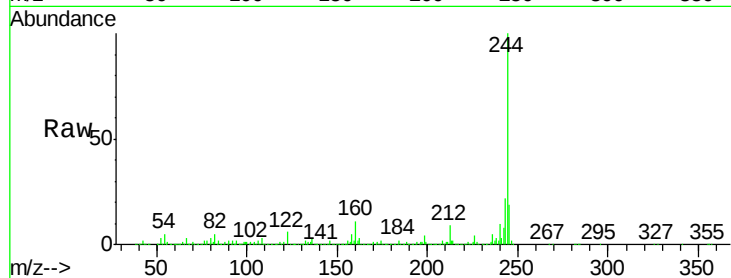
Tot Ion:244 Resp: 6608275

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

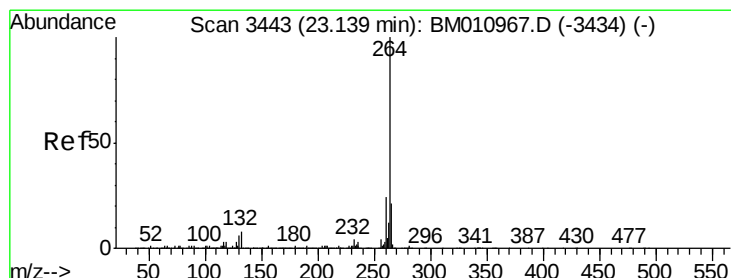
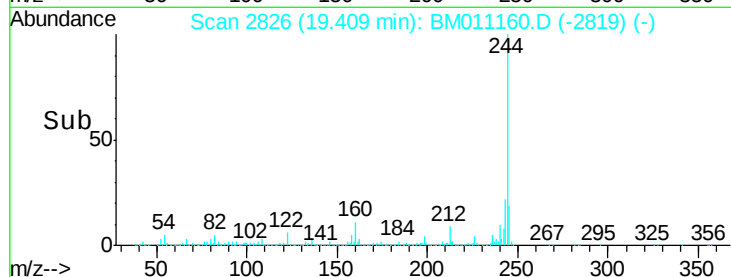
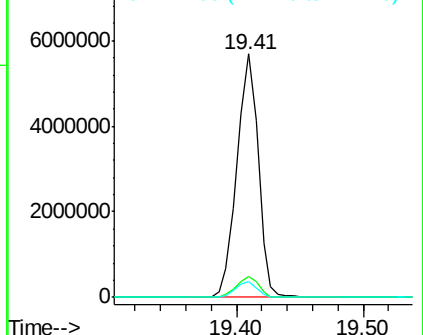
122 6.4 6.2 9.4



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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011160.D

Acq: 07 Aug 2017 19:54

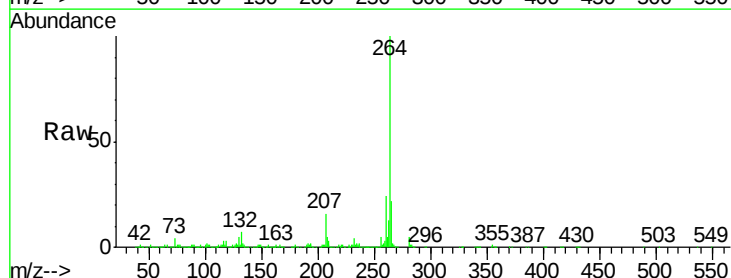
Tgt Ion:264 Resp: 1293740

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.8 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

