

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011243.D
 Acq On : 15 Aug 2017 21:14
 Operator : SJ/JU
 Sample : I4793-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-A

Quant Time: Aug 16 00:56:38 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

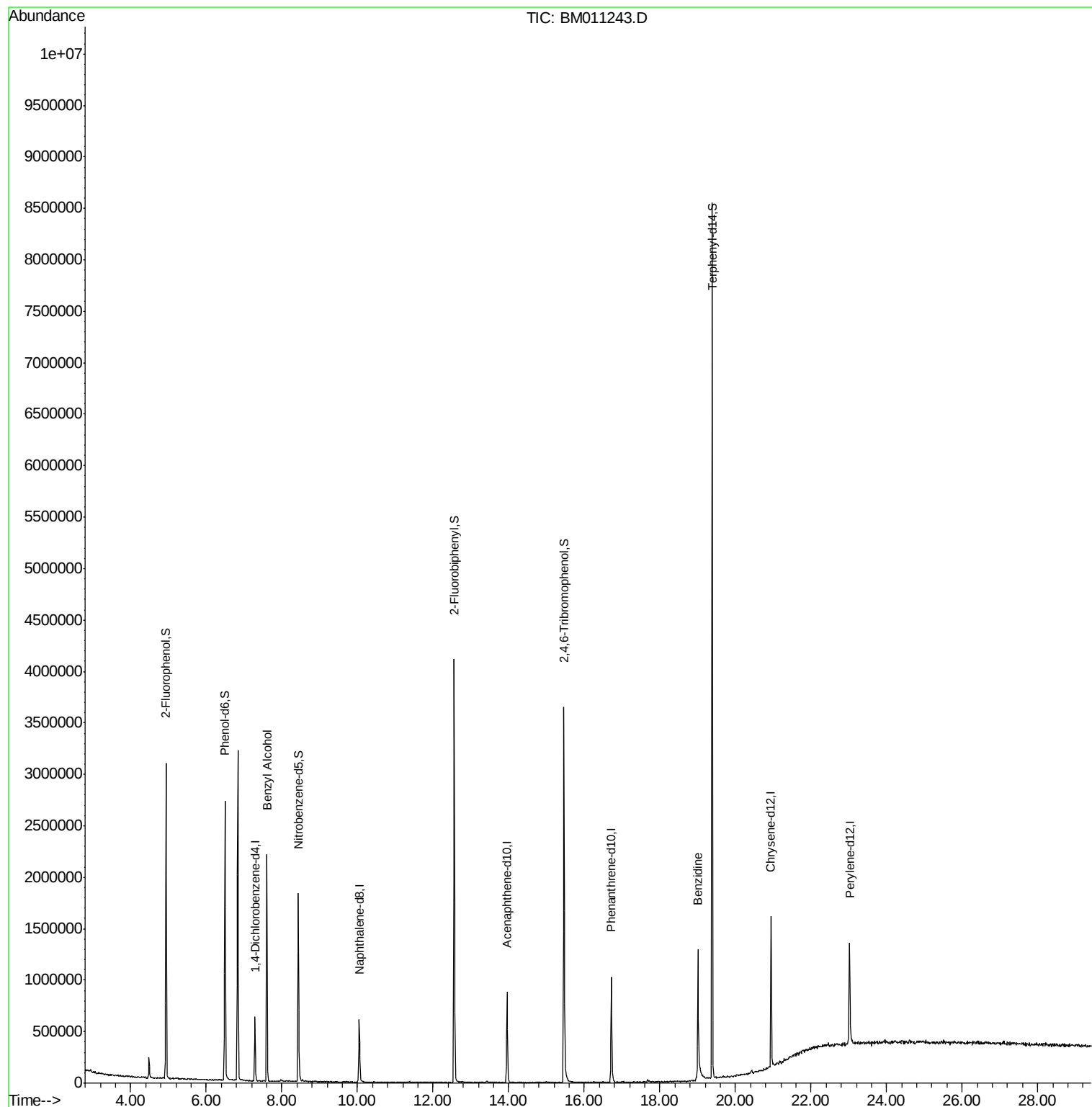
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	111626	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	359276	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	242294	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	614971	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	742461	20.00	ng	-0.08
86) Perylene-d12	23.01	264	760661	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	775400	117.42	ng	-0.09
7) Phenol-d6	6.49	99	1008362	107.48	ng	-0.10
23) Nitrobenzene-d5	8.44	82	1028236	107.41	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	461623	118.87	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1654417	85.63	ng	-0.10
78) Terphenyl-d14	19.39	244	2968129	79.19	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	21041	2.34	ng	Qvalue # 52
76) Benzidine	19.01	184	864480	48.67	ng	98

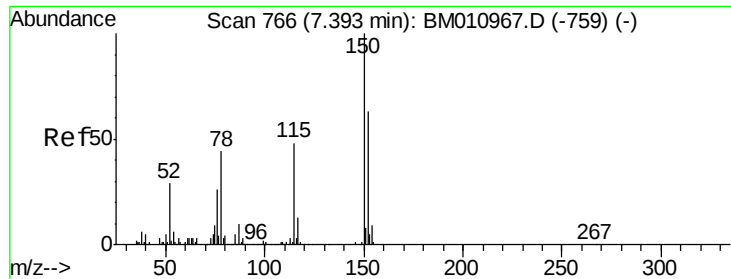
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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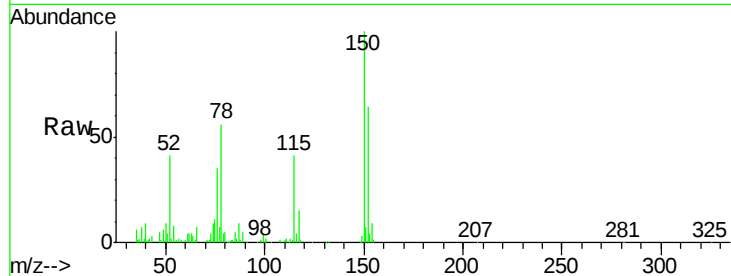


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	63.7	43.0	64.4

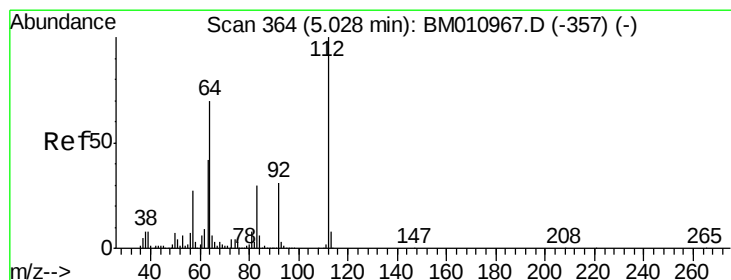
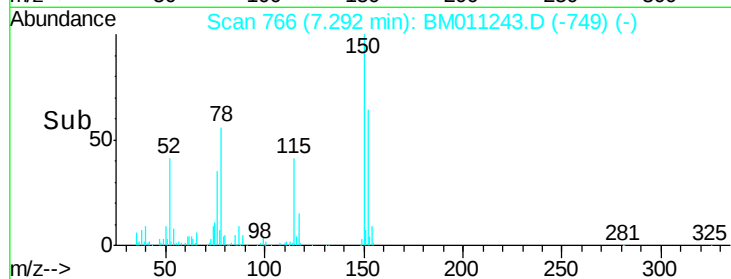
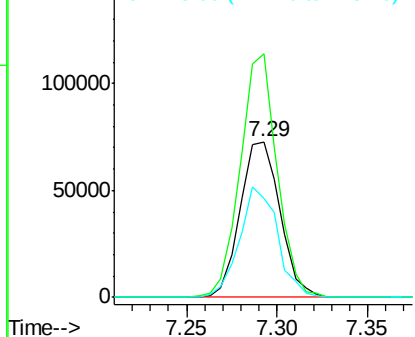


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

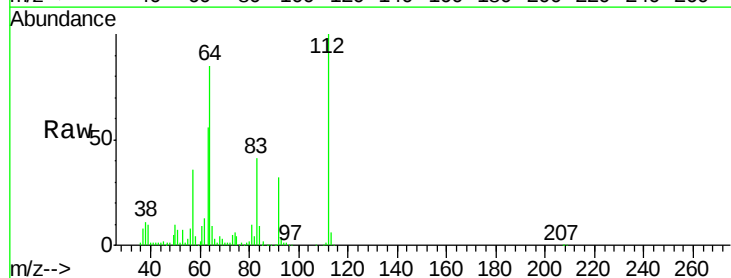
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.42 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.8	38.6	57.8#
63	55.8	19.3	28.9#

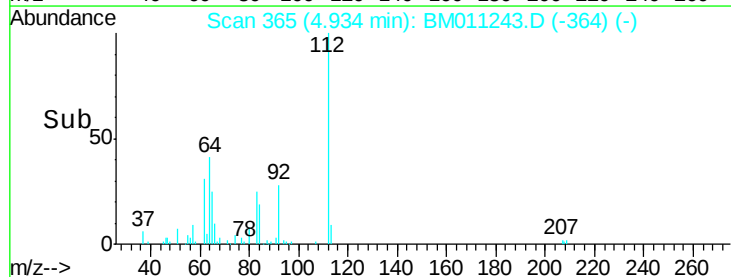
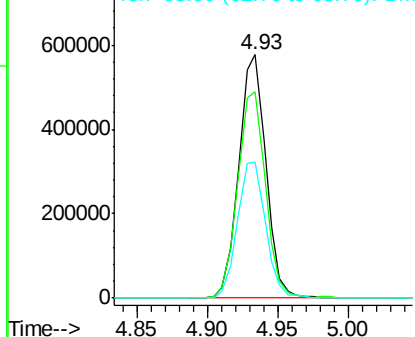


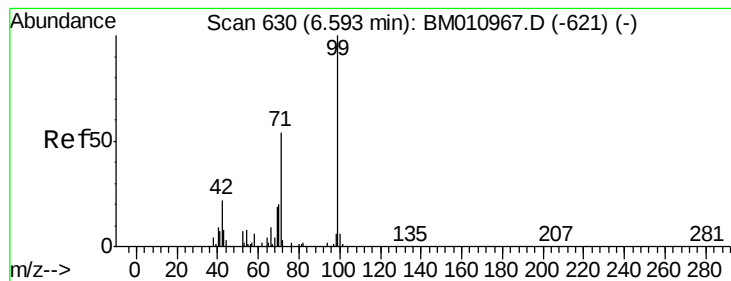
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 107.48 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-A

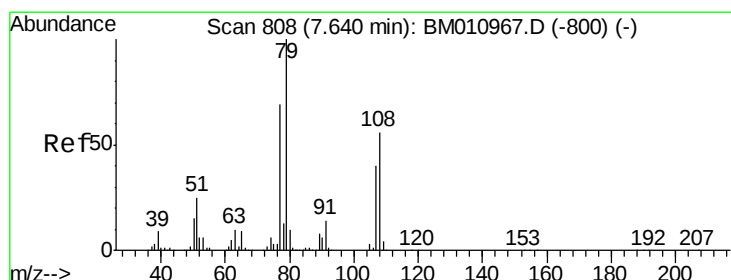
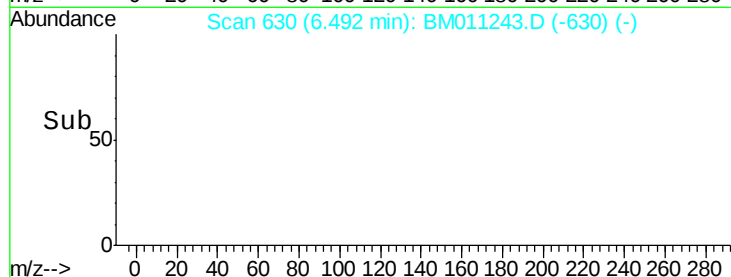
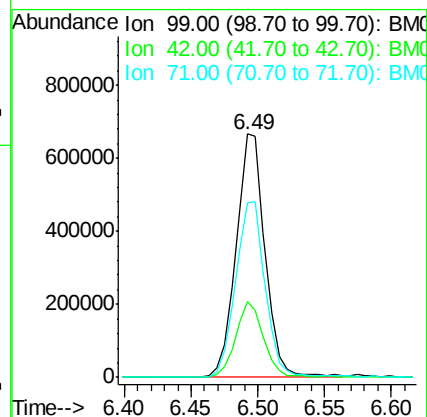
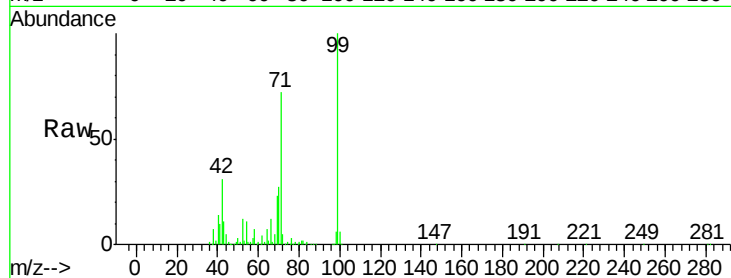
Tot Ion: 99 Resp: 1008362

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 71.7 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

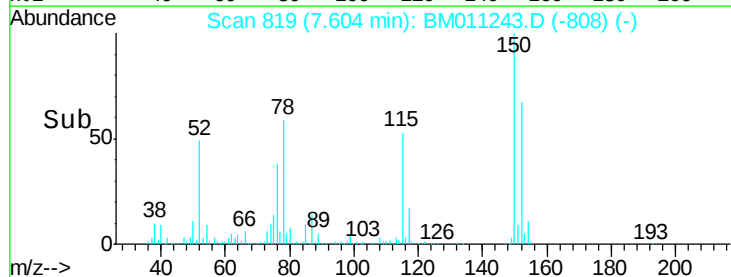
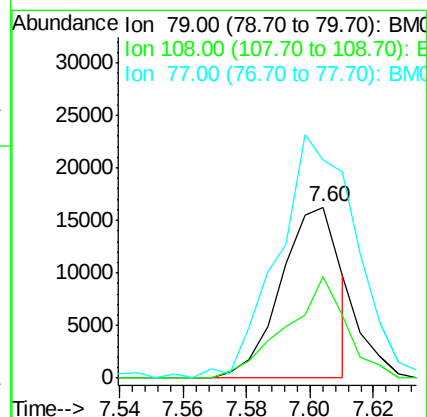
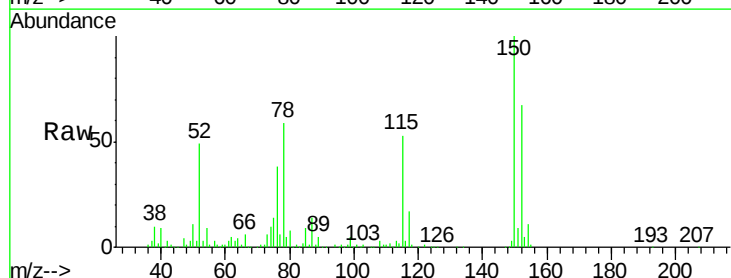
Tgt Ion: 79 Resp: 21041

Ion Ratio Lower Upper

79 100

108 59.1 65.0 97.4#

77 127.1 53.0 79.6#

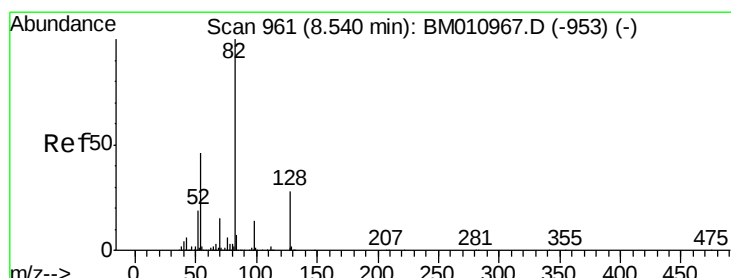
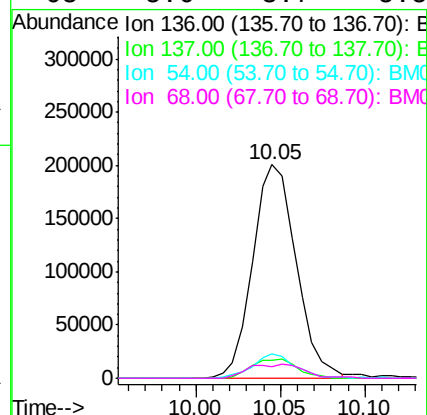
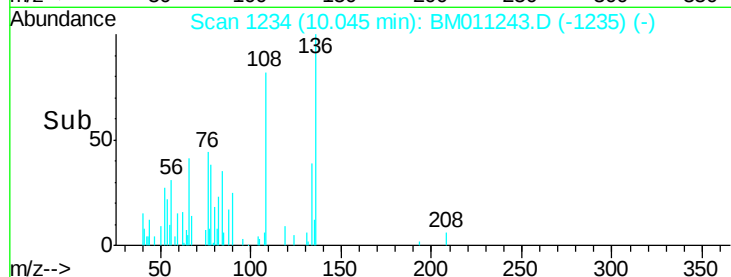
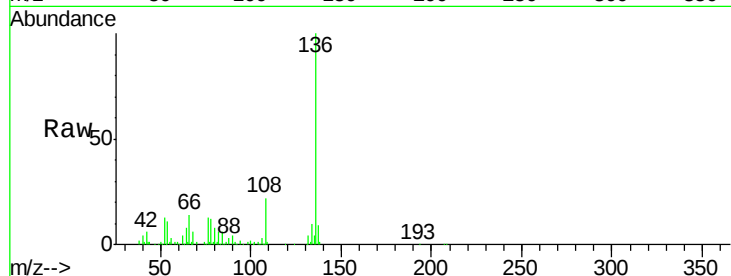




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.11 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

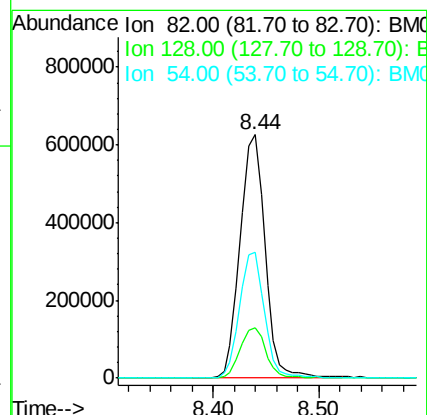
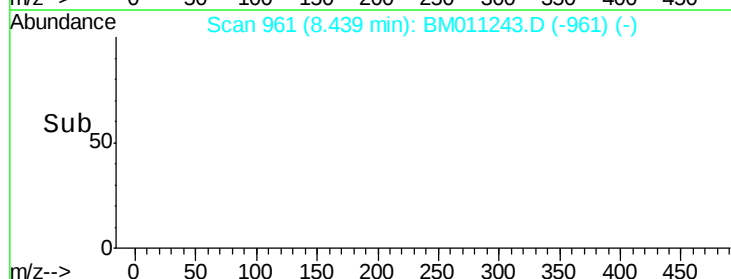
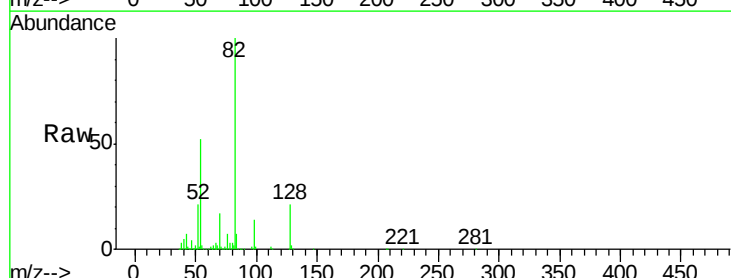
Instrument :
BNA_M
ClientSampleId :
EO-02-081417-A

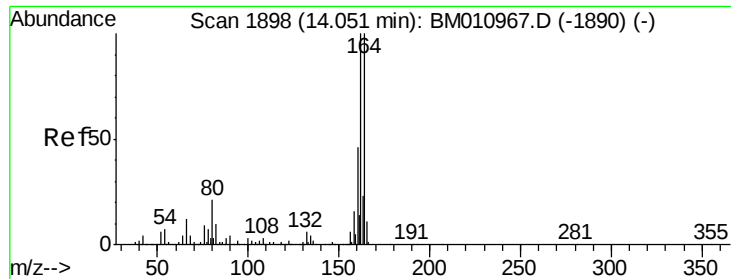
Tot Ion:136	Resp:	359276
Ion Ratio	Lower	Upper
136 100		
137 8.6	8.7	13.1#
54 11.3	4.6	6.8#
68 5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 107.41 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011243.D
Acq: 15 Aug 2017 21:14

Tgt Ion: 82	Resp: 1028236
Ion Ratio	Lower Upper
82 100	
128 20.7	32.8 49.2#
54 51.6	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: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-A

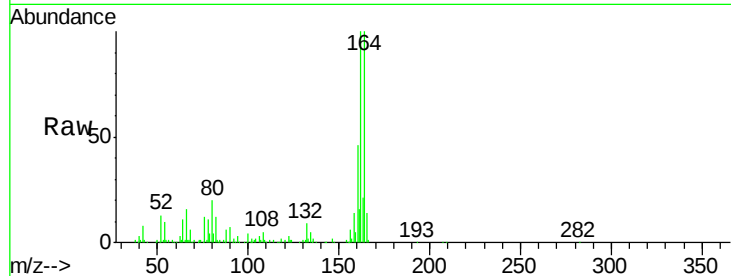
Tot Ion:164 Resp: 242294

Ion Ratio Lower Upper

164 100

162 100.2 82.4 123.6

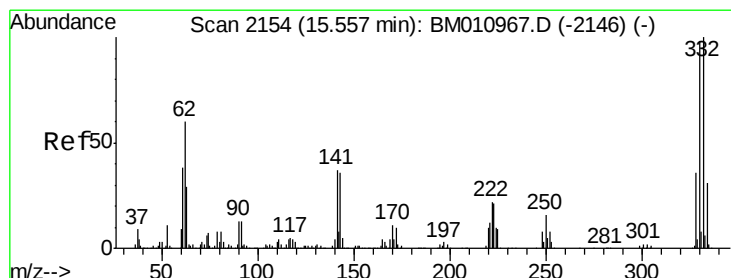
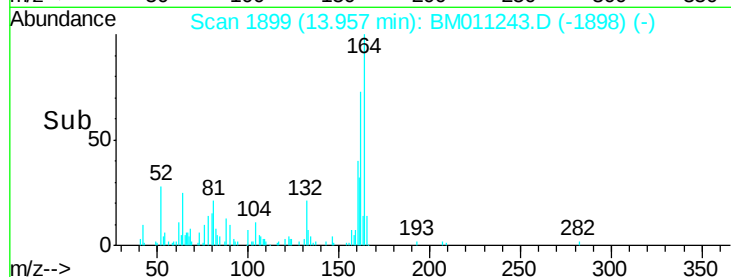
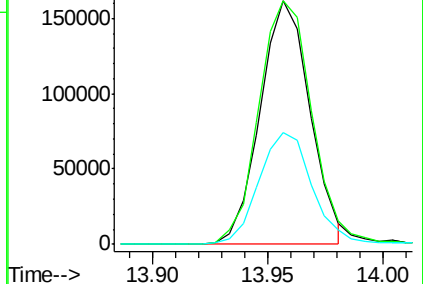
160 45.9 35.8 53.6



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: 118.87 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.09 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

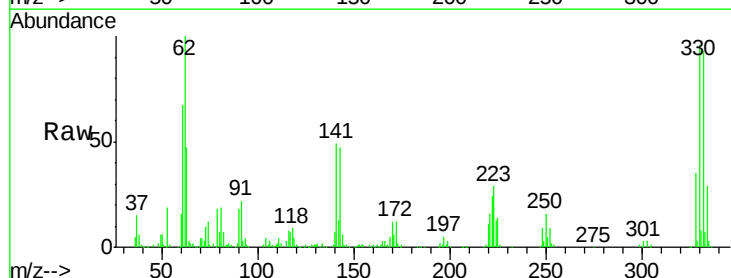
Tgt Ion:330 Resp: 461623

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

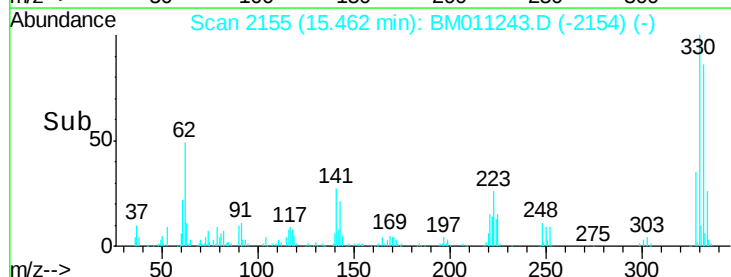
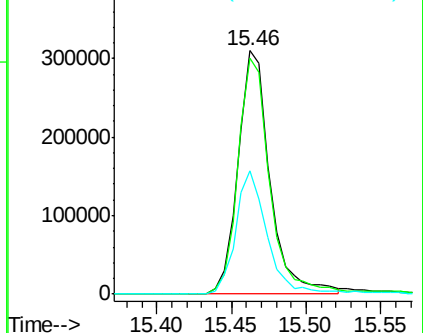
141 49.7 0.0 0.0#

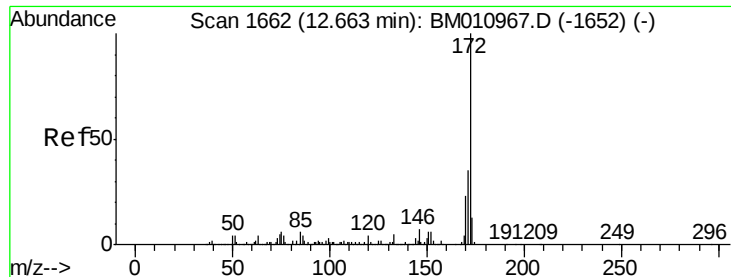


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



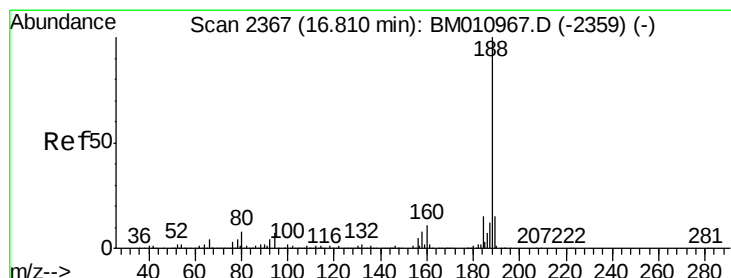
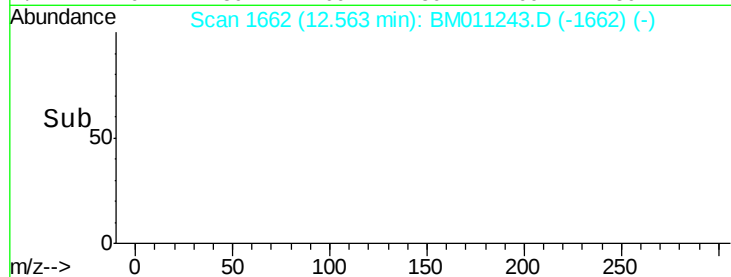
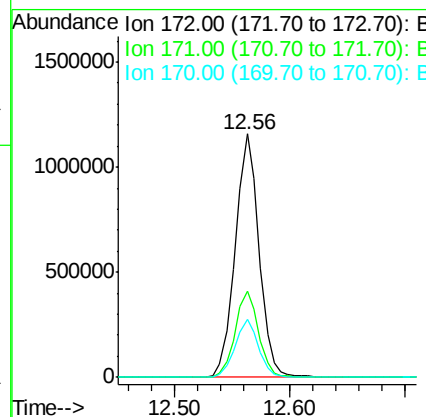
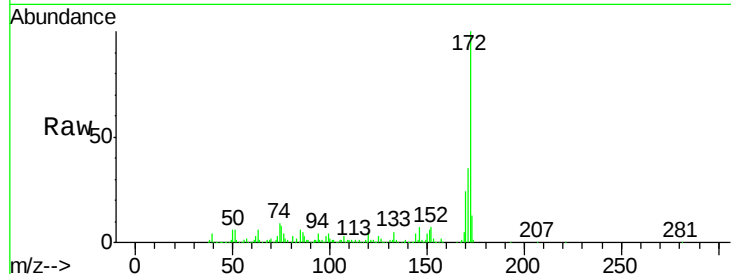


#44
 2-Fluorobiphenyl
 Concen: 85.63 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-A

Tot Ion:172 Resp: 1654417

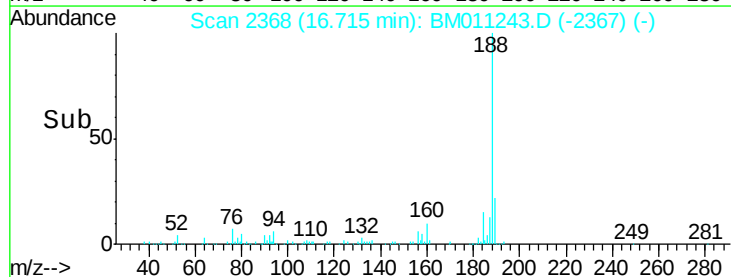
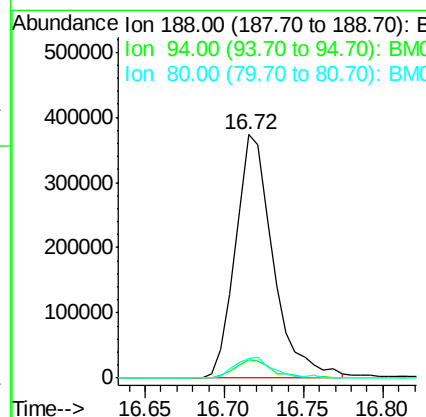
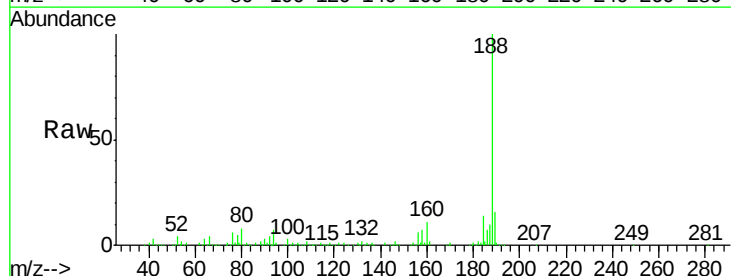
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	18.8	28.2

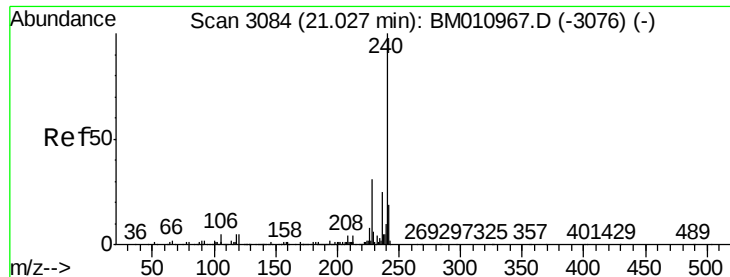


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.72 min Scan# 2368
 Delta R.T. -0.09 min
 Lab File: BM011243.D
 Acq: 15 Aug 2017 21:14

Tgt Ion:188 Resp: 614971

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	8.0	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: BM011243.D

Acq: 15 Aug 2017 21:14

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-A

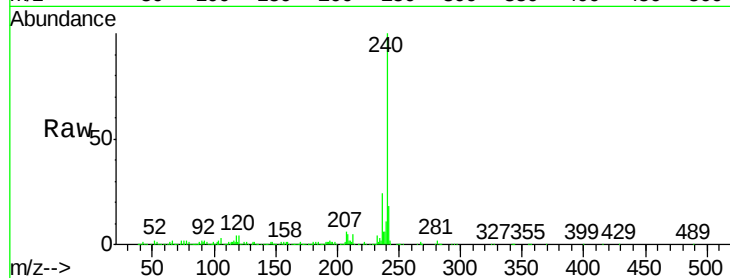
Tot Ion:240 Resp: 742461

Ion Ratio Lower Upper

240 100

120 3.6 8.2 12.2#

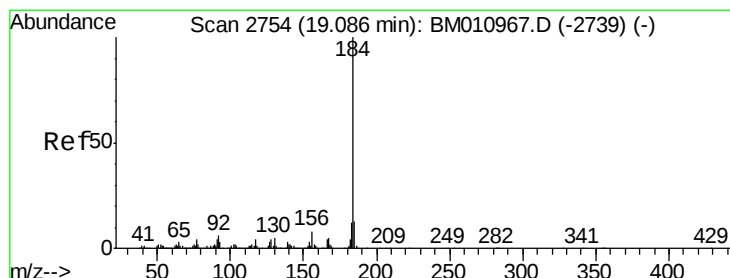
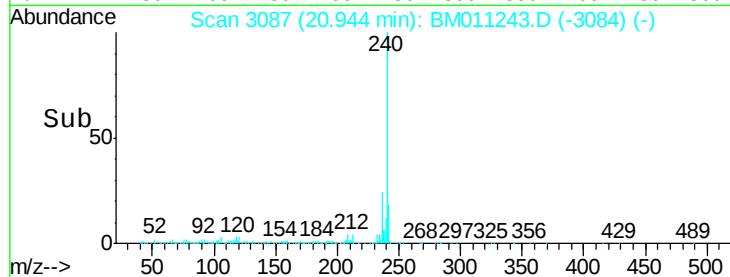
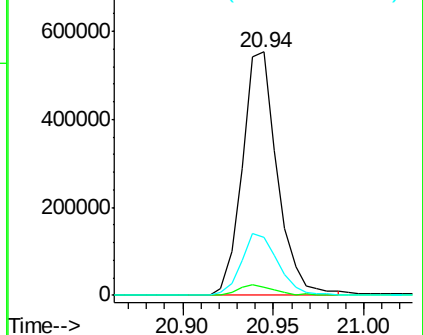
236 23.9 20.0 30.0



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: 48.67 ng

RT: 19.01 min Scan# 2758

Delta R.T. -0.08 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

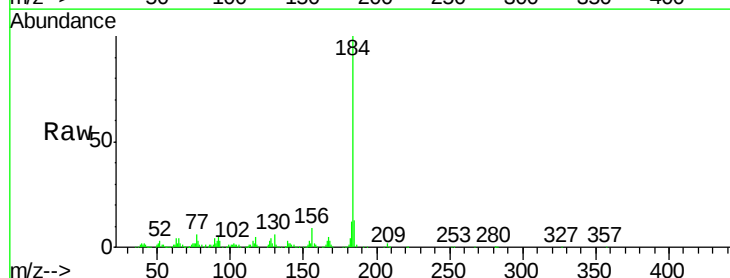
Tgt Ion:184 Resp: 864480

Ion Ratio Lower Upper

184 100

185 13.2 11.3 16.9

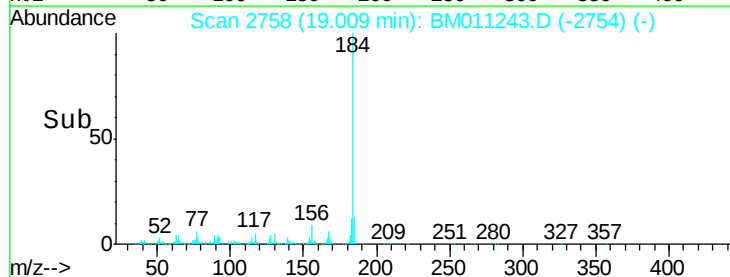
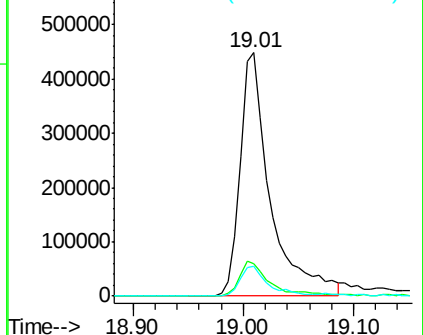
183 12.0 8.9 13.3

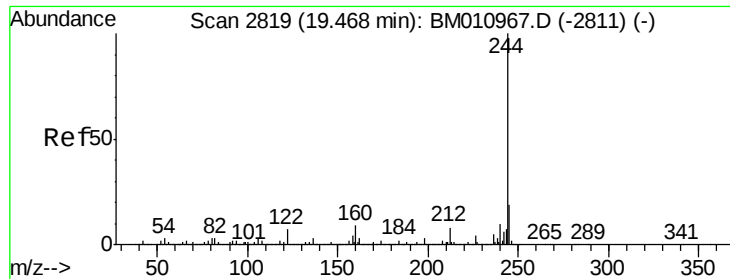


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 79.19 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

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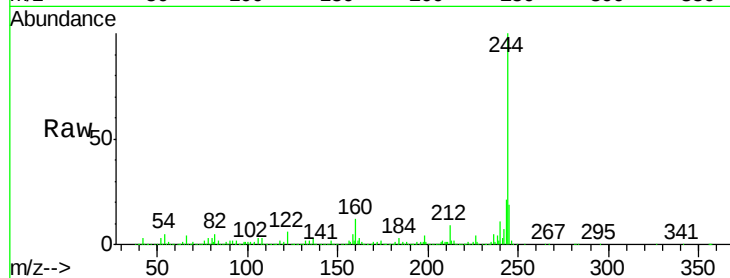
Tot Ion:244 Resp: 2968129

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

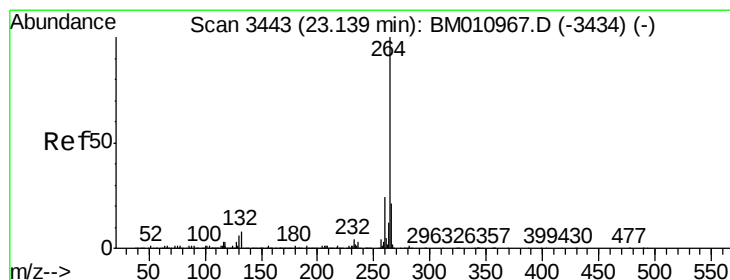
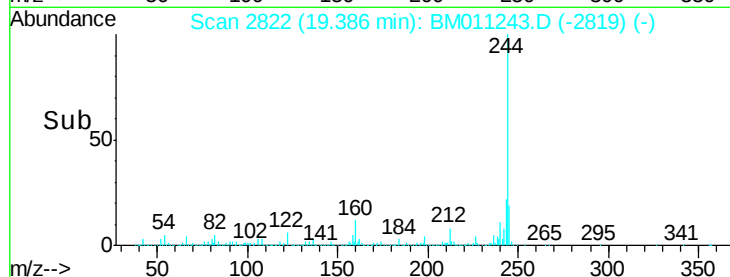
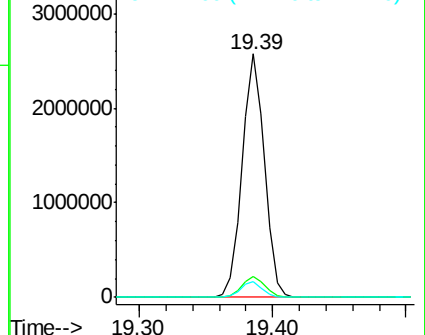
122 6.4 6.2 9.4



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: 23.01 min Scan# 3439

Delta R.T. -0.12 min

Lab File: BM011243.D

Acq: 15 Aug 2017 21:14

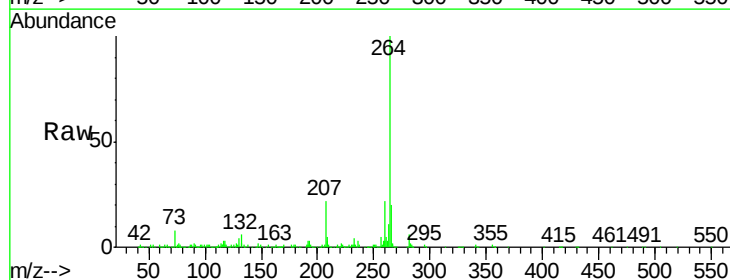
Tgt Ion:264 Resp: 760661

Ion Ratio Lower Upper

264 100

260 21.6 18.6 27.8

265 20.2 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

