

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051017\
 Data File : BM009980.D
 Acq On : 10 May 2017 21:35
 Operator : SJ/MA
 Sample : I3046-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-11

Quant Time: May 11 09:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

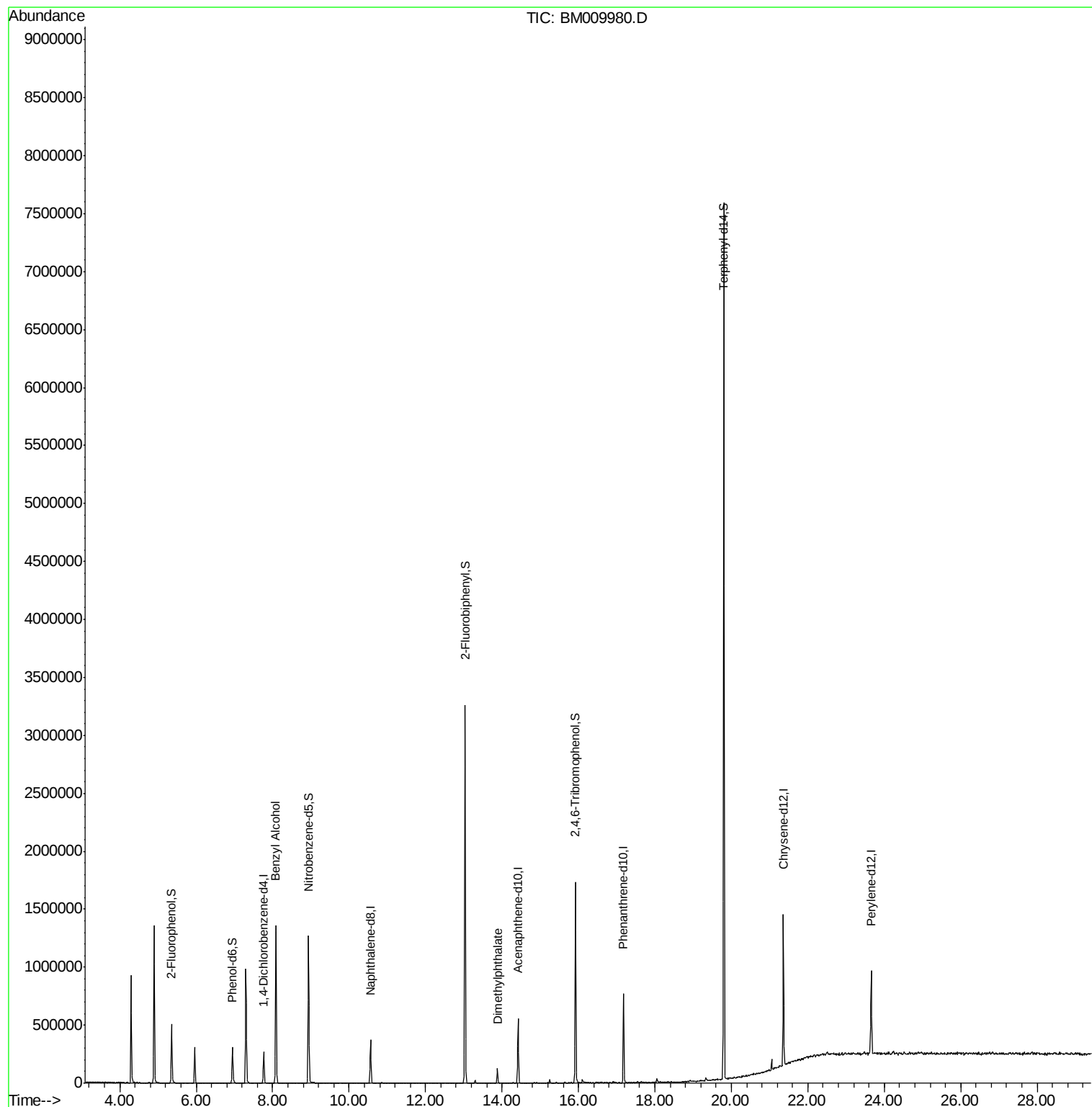
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	64366	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	261961	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	168640	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	423669	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	571547	20.00	ng	-0.02
86) Perylene-d12	23.66	264	502367	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	183937	45.50	ng	-0.01
7) Phenol-d6	6.95	99	170959	27.59	ng	-0.02
23) Nitrobenzene-d5	8.94	82	780936	107.88	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	242906	105.46	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1404293	108.49	ng	-0.02
78) Terphenyl-d14	19.80	244	2799232	100.47	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.09	79	13047	2.27	ng	# 39
49) Dimethylphthalate	13.88	163	70502	4.39	ng	# 96

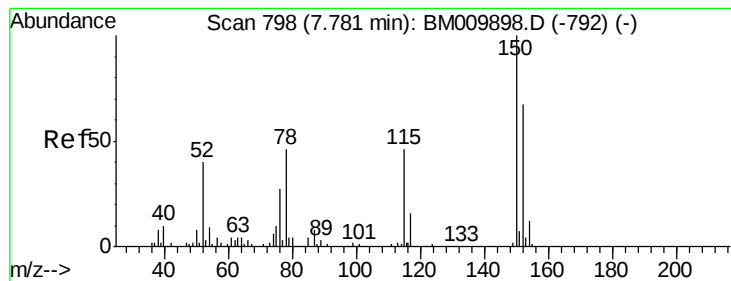
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009980.D

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TWP-11

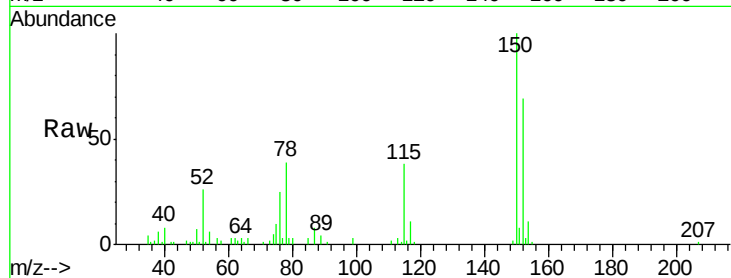
Tgt Ion:152 Resp: 64366

Ion Ratio Lower Upper

152 100

150 145.5 119.5 179.3

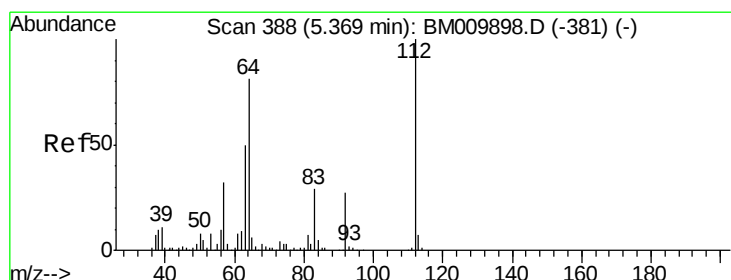
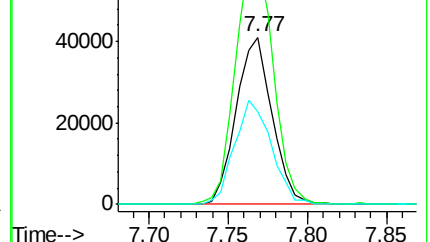
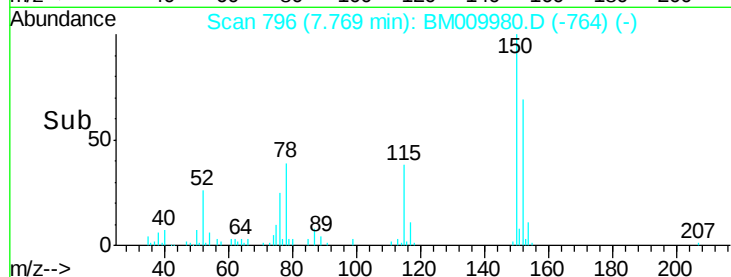
115 55.8 43.0 64.4



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: 45.50 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009980.D

Acq: 10 May 2017 21:35

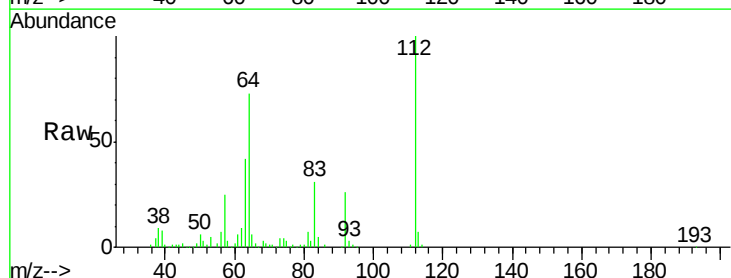
Tgt Ion:112 Resp: 183937

Ion Ratio Lower Upper

112 100

64 73.2 38.6 57.8#

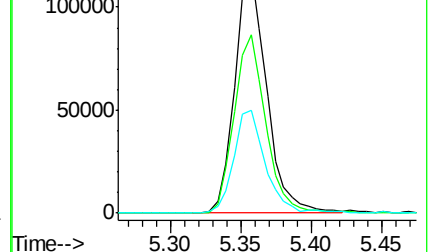
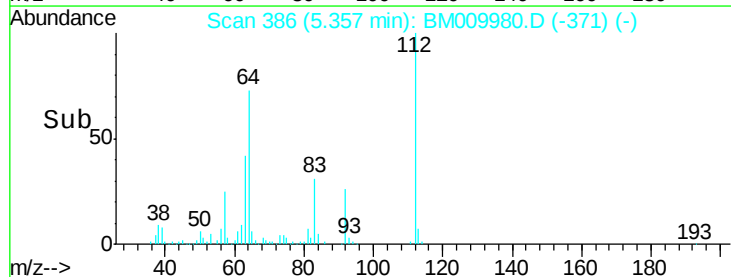
63 42.5 19.3 28.9#

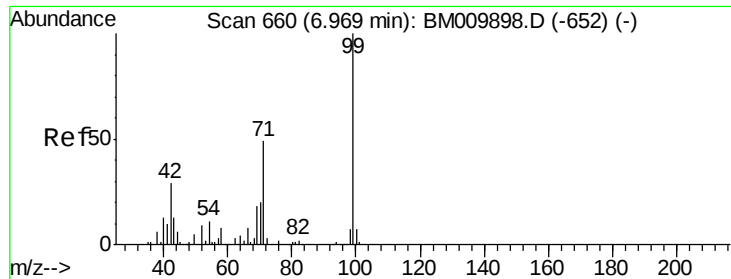


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 27.59 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009980.D

Acq: 10 May 2017 21:35

Instrument :

BNA_M

ClientSampled :

TWP-11

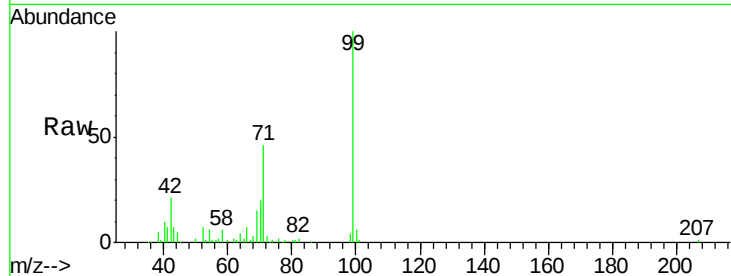
Tgt Ion: 99 Resp: 170959

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

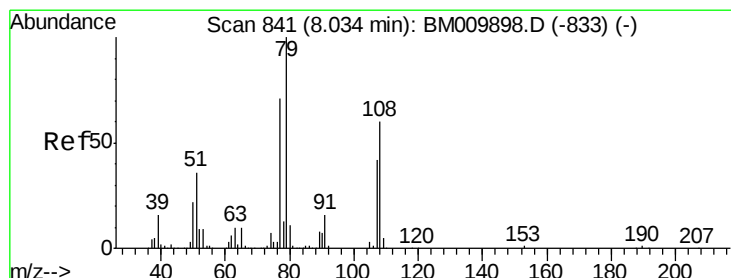
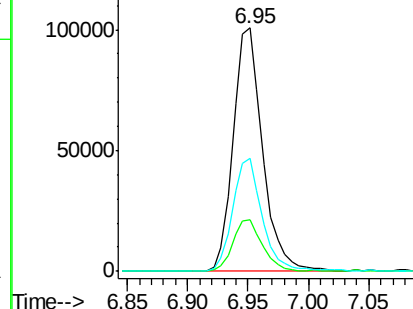
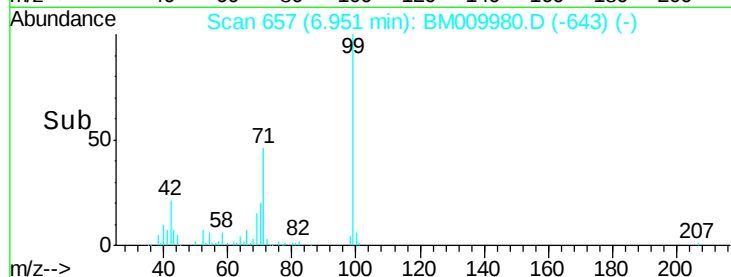
71 46.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009980.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009980.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009980.D (-652) (-)



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 8.09 min Scan# 850

Delta R.T. 0.05 min

Lab File: BM009980.D

Acq: 10 May 2017 21:35

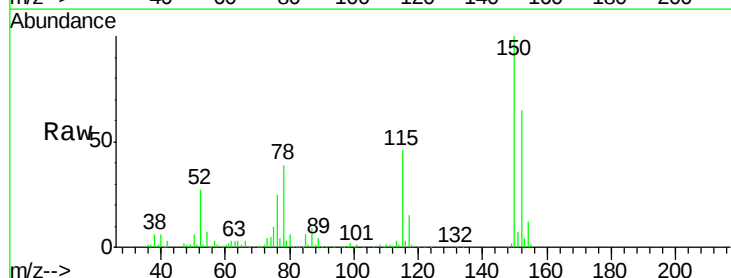
Tgt Ion: 79 Resp: 13047

Ion Ratio Lower Upper

79 100

108 35.9 65.0 97.4#

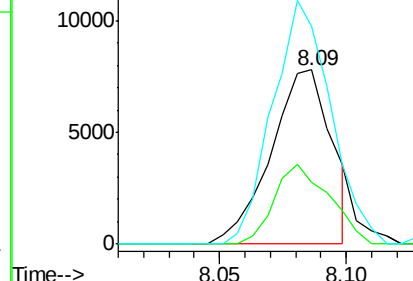
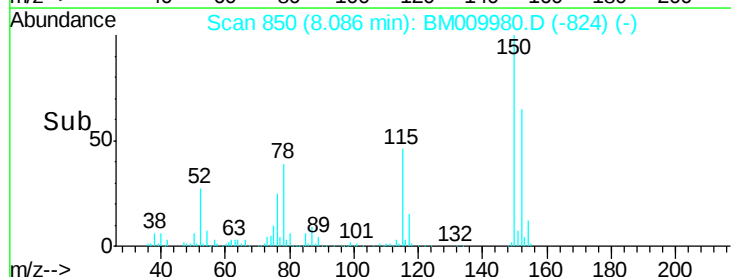
77 125.4 53.0 79.6#

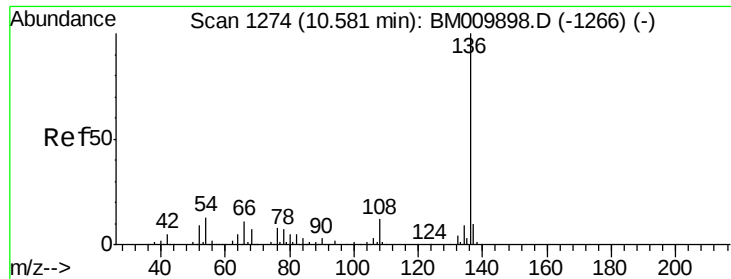


Abundance Ion 79.00 (78.70 to 79.70): BM009980.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BM009980.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BM009980.D (-833) (-)

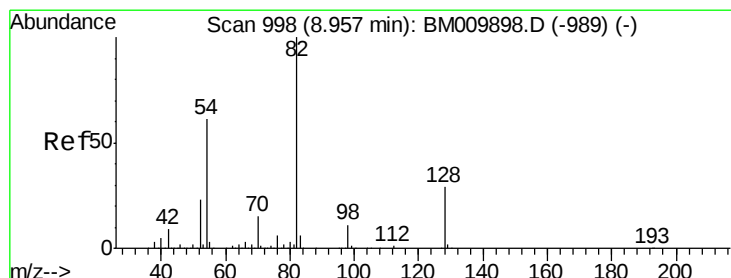
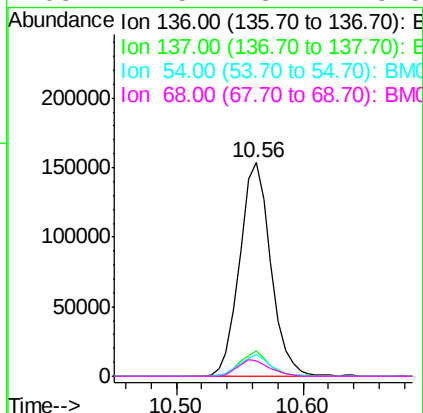
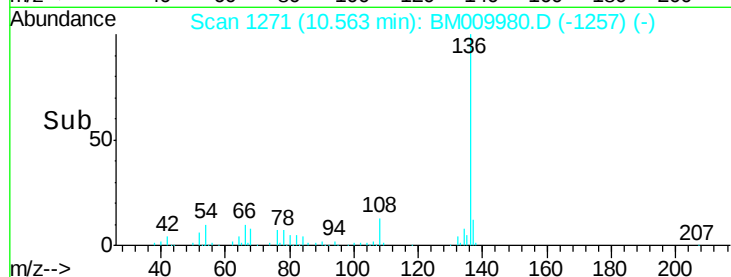
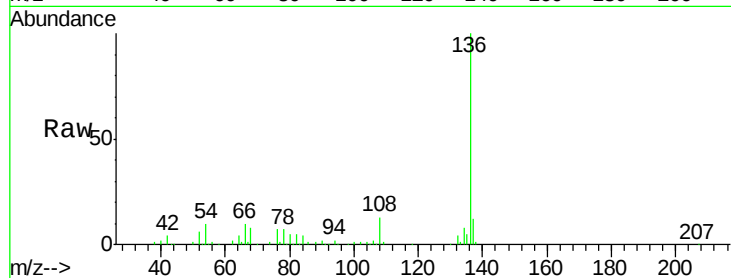




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

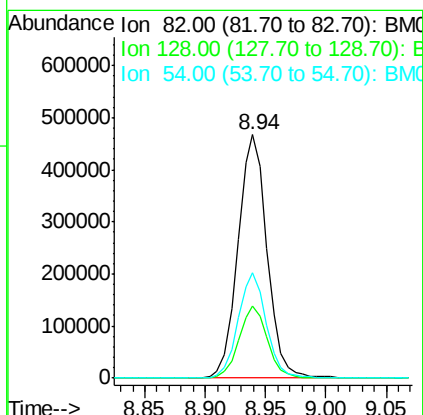
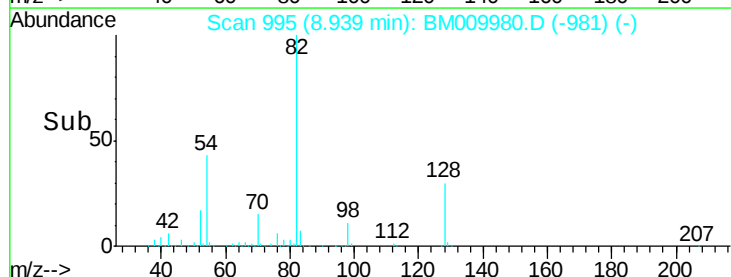
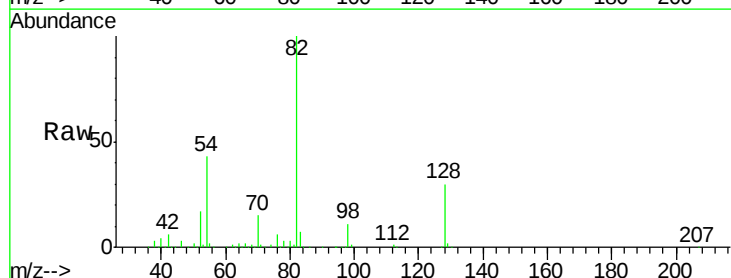
Instrument :
BNA_M
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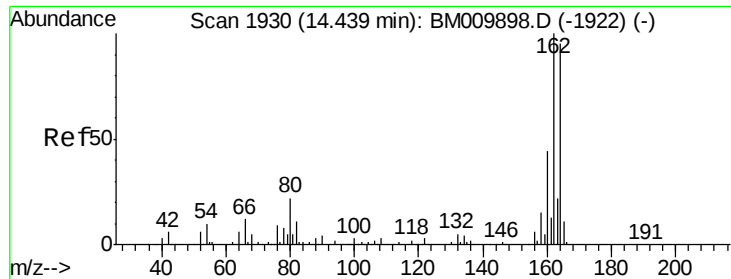
Tgt Ion:	136	Resp:	261961
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	10.0	4.6	6.8#
68	7.5	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 107.88 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

Tgt Ion:	82	Resp:	780936
Ion	Ratio	Lower	Upper
82	100		
128	29.6	32.8	49.2#
54	43.1	40.6	60.8

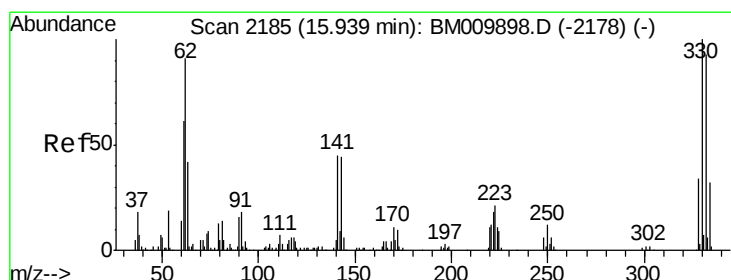
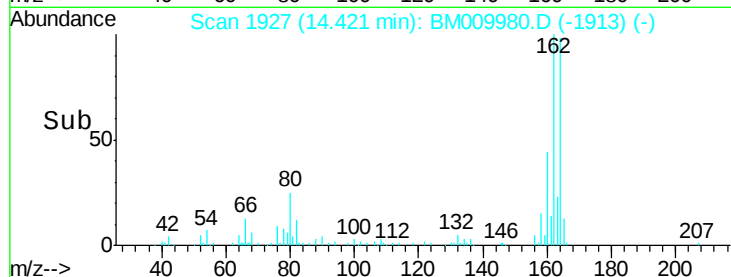
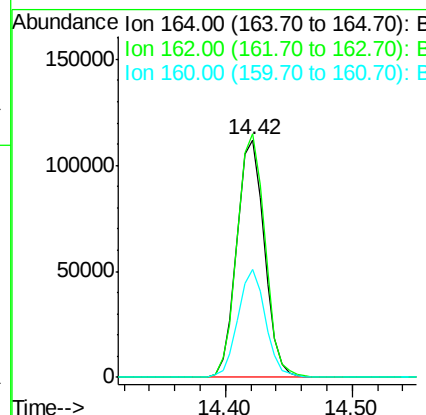
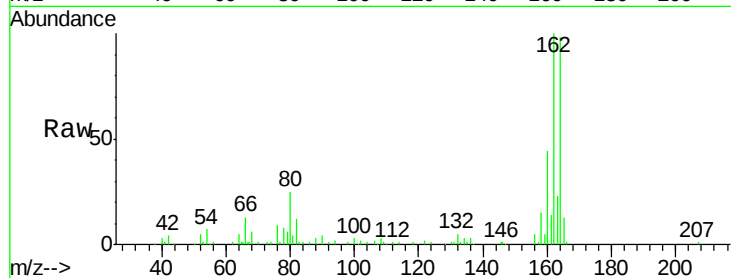




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009980.D
 Acq: 10 May 2017 21:35

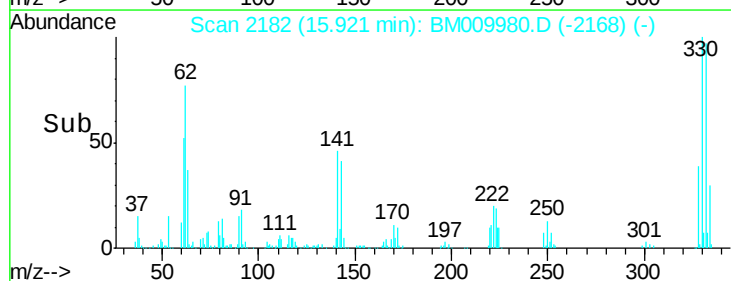
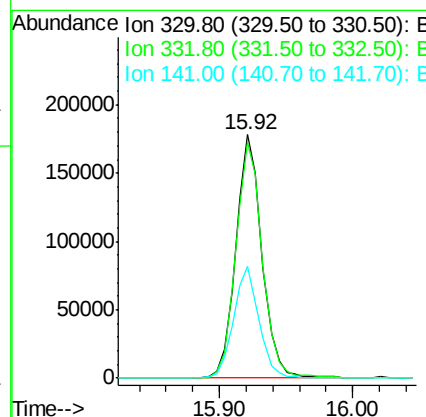
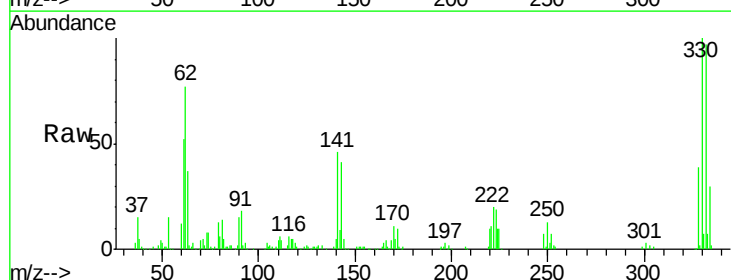
Instrument :
 BNA_M
 ClientSampleId :
 TWP-11

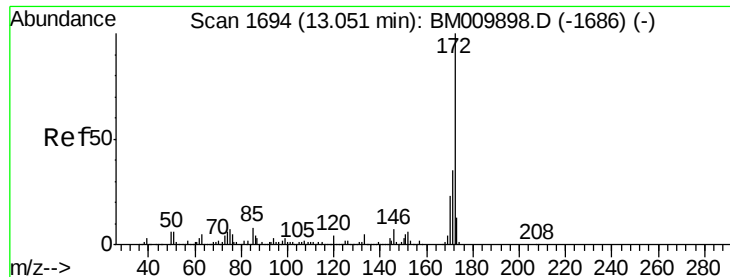
Tgt Ion:164 Resp: 168640
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.4 123.6
 160 45.6 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 105.46 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009980.D
 Acq: 10 May 2017 21:35

Tgt Ion:330 Resp: 242906
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 45.0 0.0 0.0#

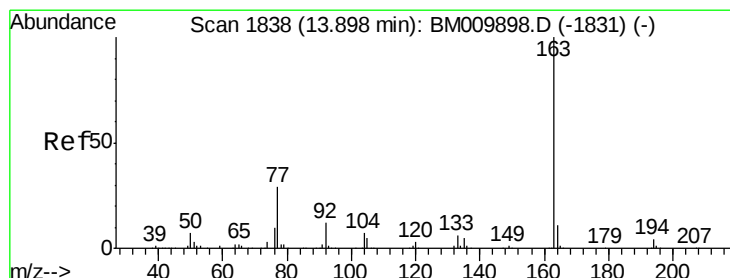
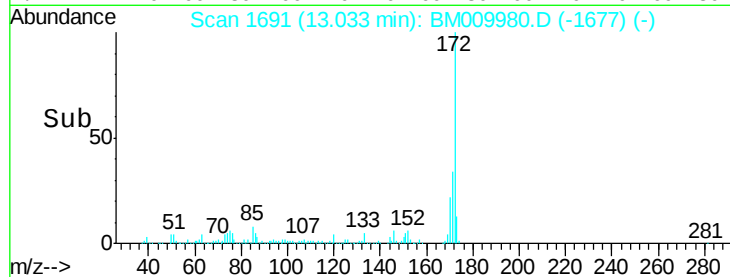
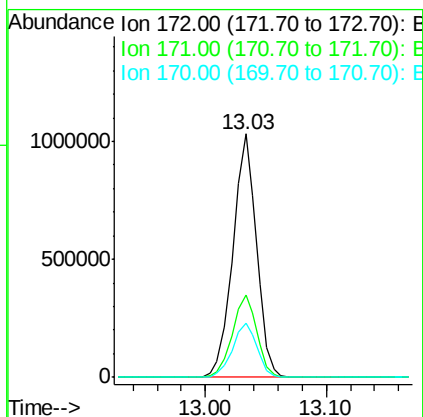
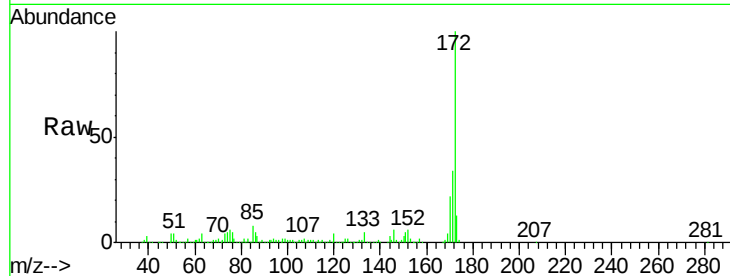




#44
2-Fluorobiphenyl
Concen: 108.49 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

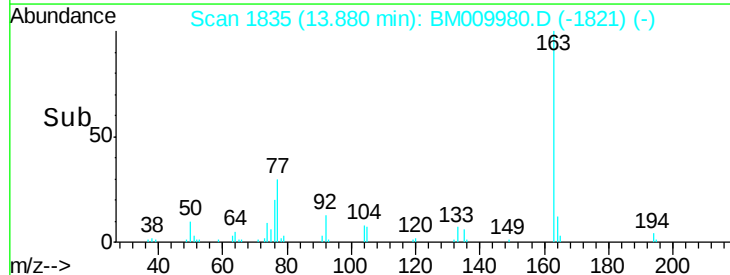
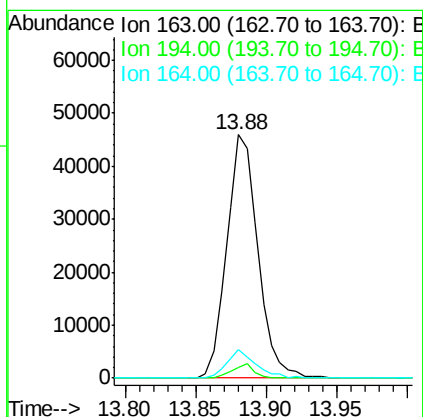
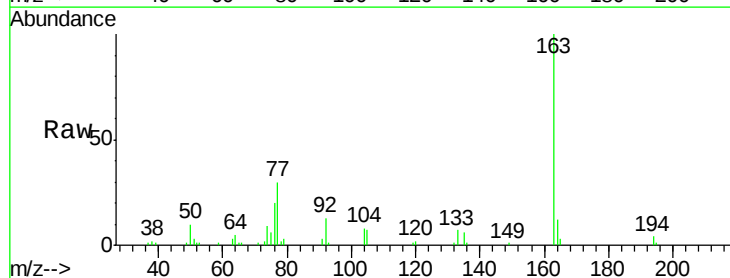
Instrument :
BNA_M
ClientSampleId :
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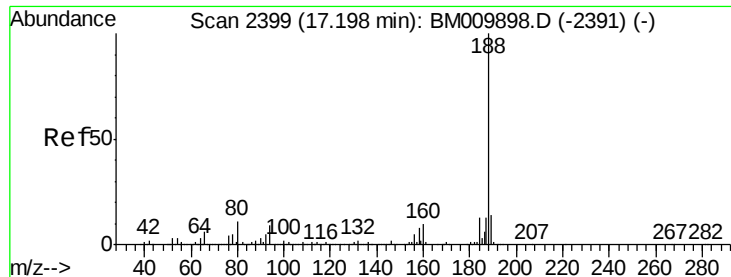
Tgt Ion:172 Resp: 1404293
Ion Ratio Lower Upper
172 100
171 33.6 28.5 42.7
170 22.5 18.8 28.2



#49
Dimethylphthalate
Concen: 4.39 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

Tgt Ion:163 Resp: 70502
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 11.8 8.2 12.2

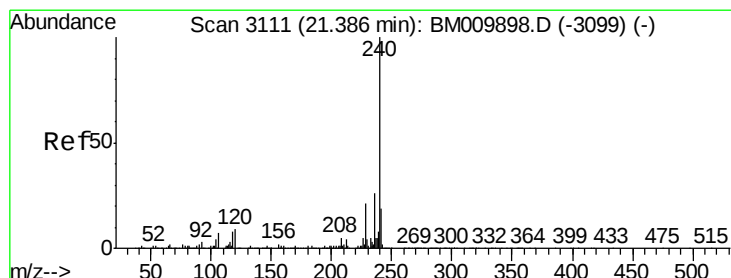
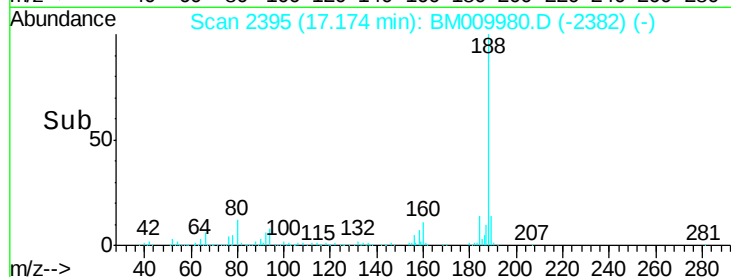
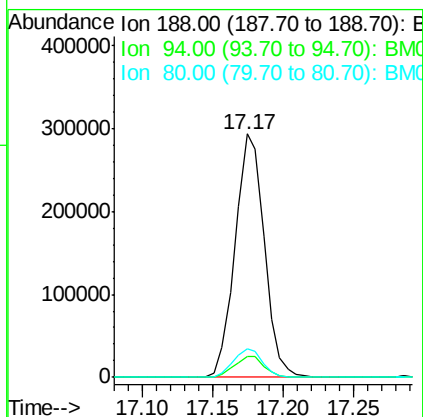
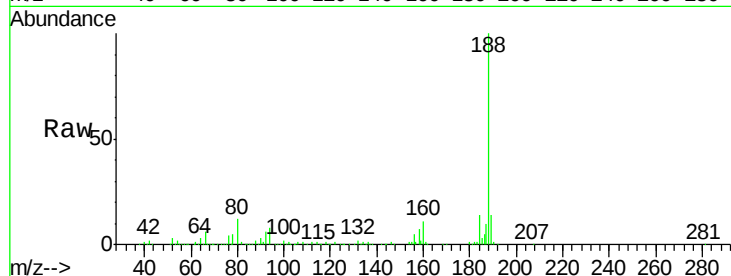




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

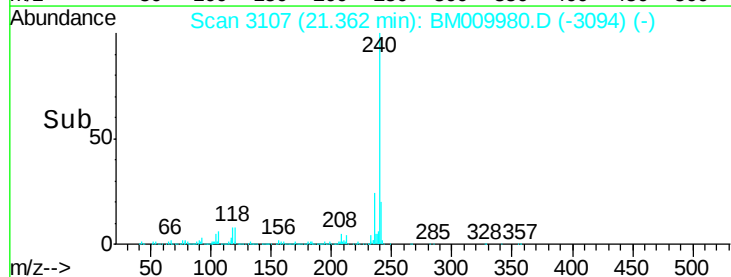
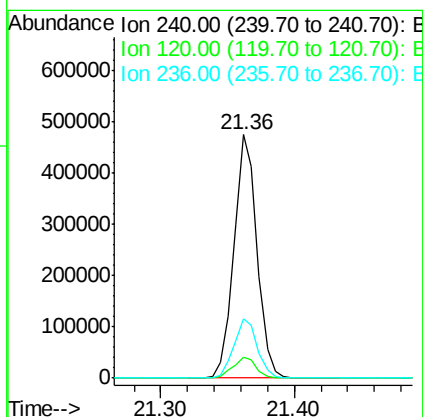
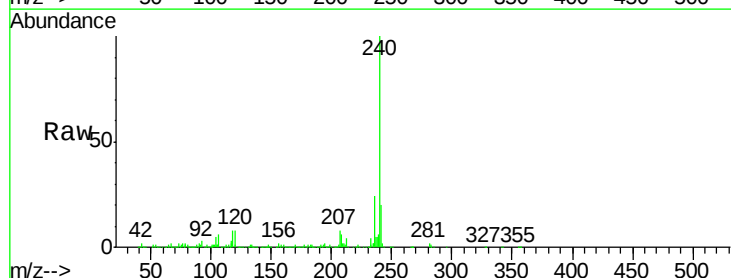
Instrument :
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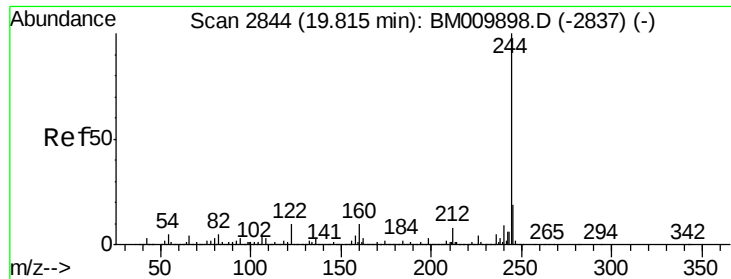
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.7	13.1#
80	11.8	9.3	13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM009980.D
Acq: 10 May 2017 21:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.3	20.0	30.0





#78

Terphenyl-d14

Concen: 100.47 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009980.D

Acq: 10 May 2017 21:35

Instrument :

BNA_M

ClientSampleId :

TWP-11

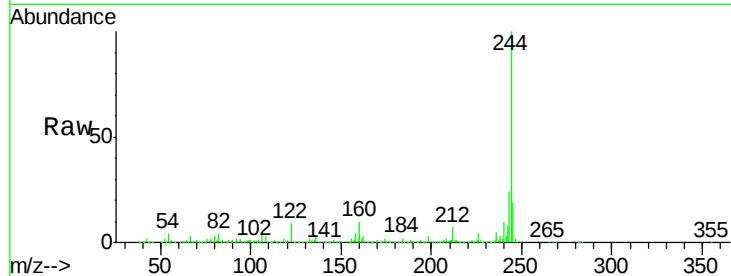
Tgt Ion:244 Resp: 2799232

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

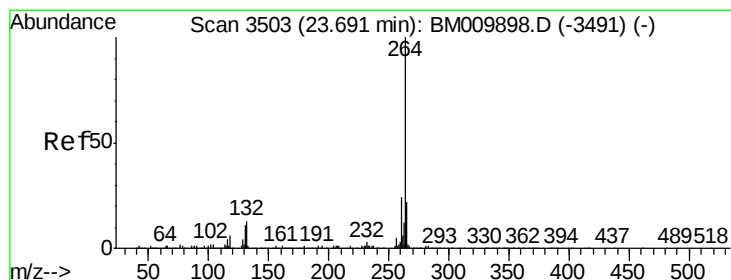
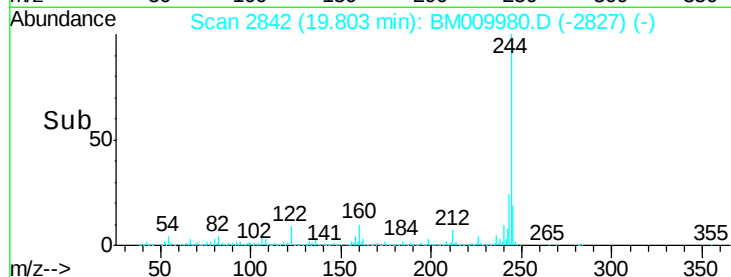
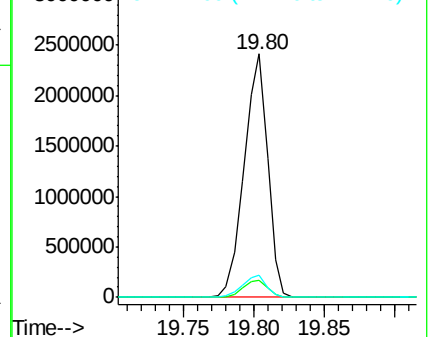
122 9.1 6.2 9.4



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: 23.66 min Scan# 3497

Delta R.T. -0.04 min

Lab File: BM009980.D

Acq: 10 May 2017 21:35

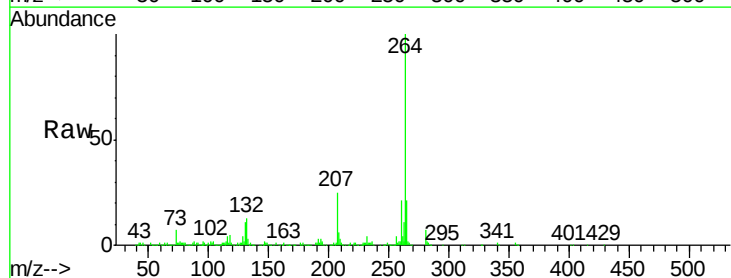
Tgt Ion:264 Resp: 502367

Ion Ratio Lower Upper

264 100

260 21.4 18.6 27.8

265 21.0 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

