

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016516.D
 Acq On : 22 Aug 2018 12:12
 Operator : SJ/JU
 Sample : J4561-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 13:21:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

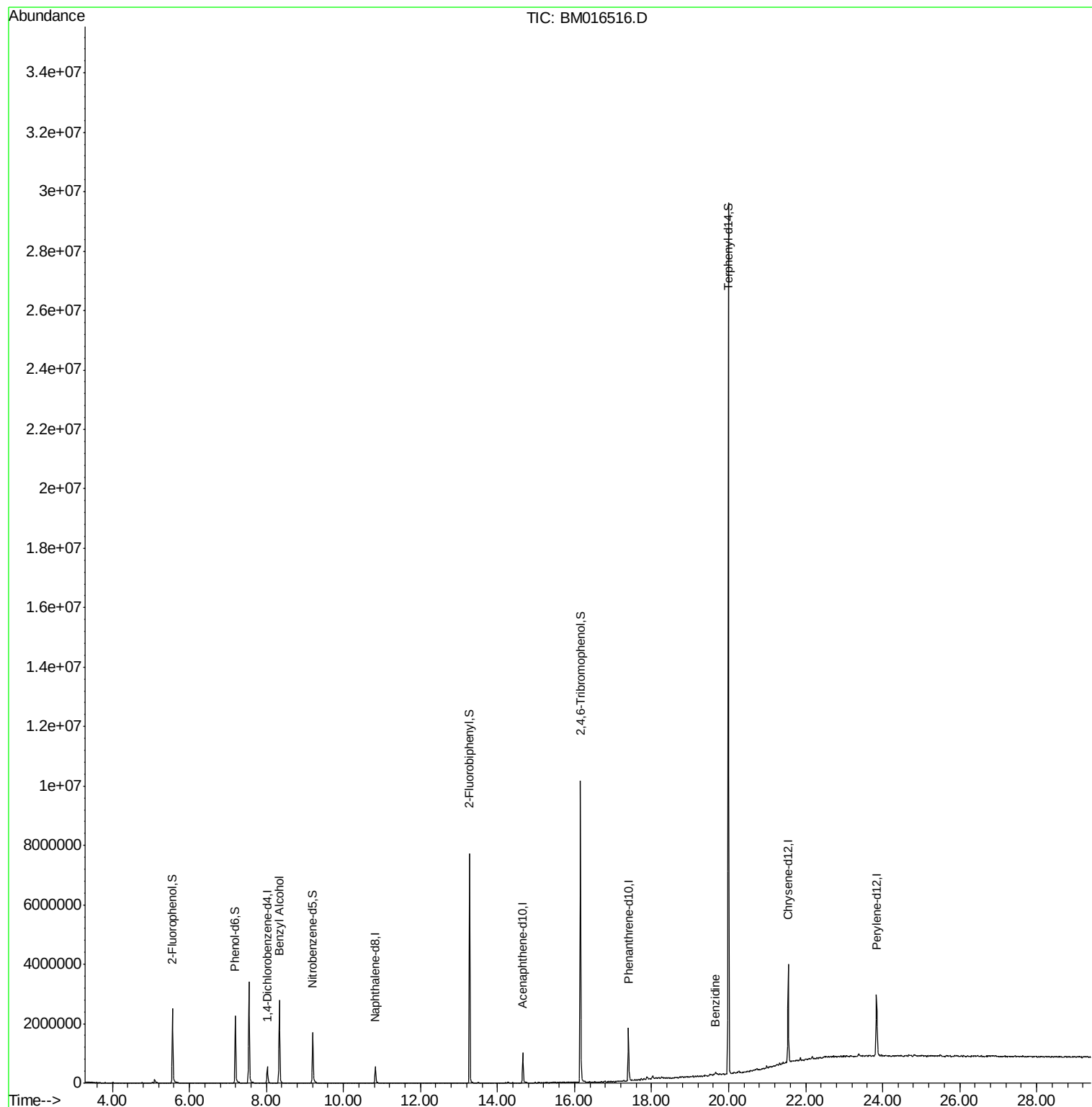
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	120504	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	375936	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	298113	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1058249	20.00	ng	0.00
75) Chrysene-d12	21.55	240	1614094	20.00	ng	0.00
86) Perylene-d12	23.84	264	1710479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	838507	136.35	ng	0.00
7) Phenol-d6	7.20	99	903980	111.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	952936	115.74	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1809059	217.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3586701	115.65	ng	0.00
78) Terphenyl-d14	19.99	244	10671139	139.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	19755	2.614	ng	Qvalue # 1
76) Benzidine	19.66	184	93471	3.011	ng	95

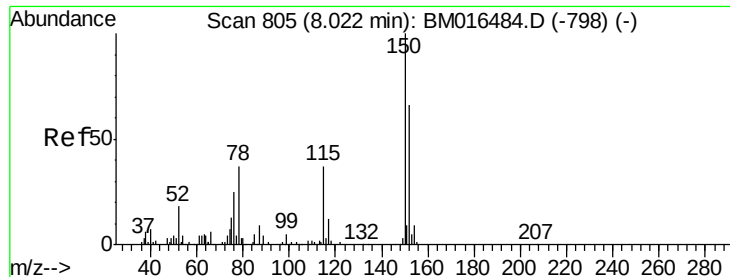
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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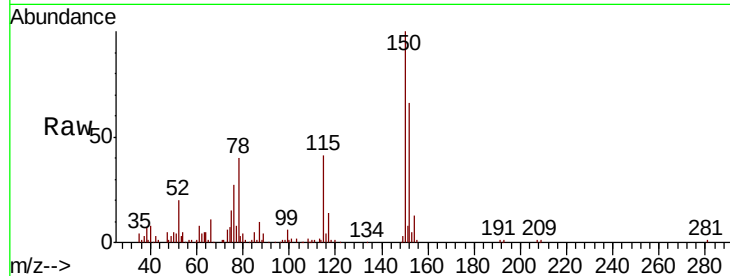


#1

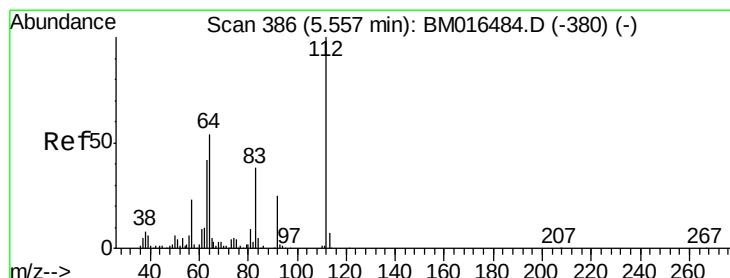
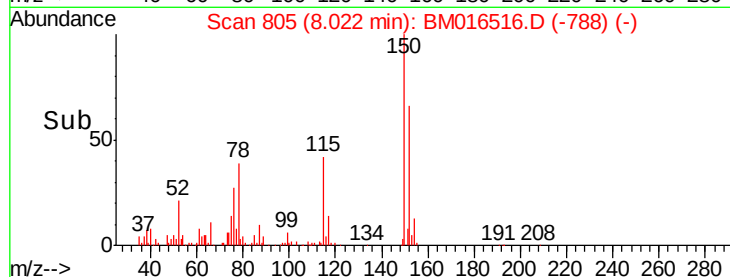
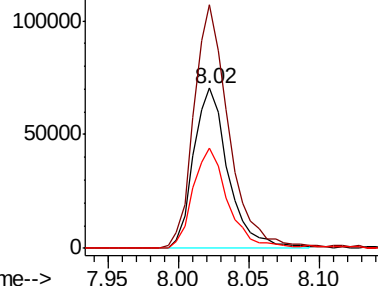
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	62.9	43.0	64.4



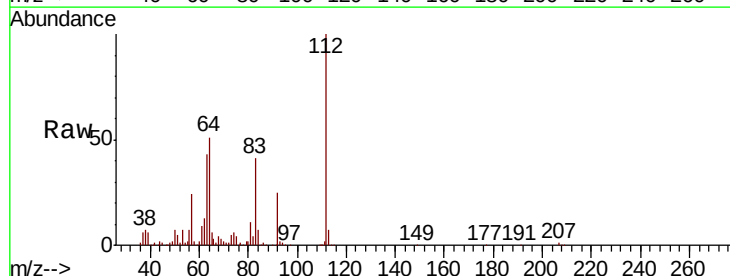
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



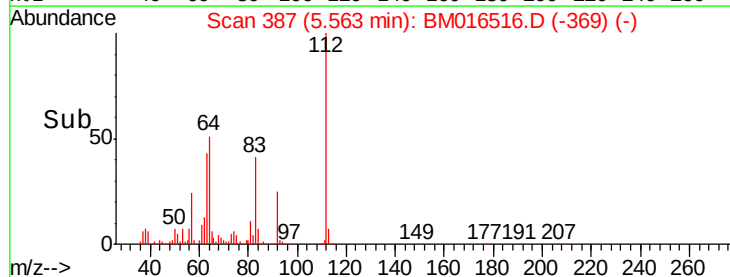
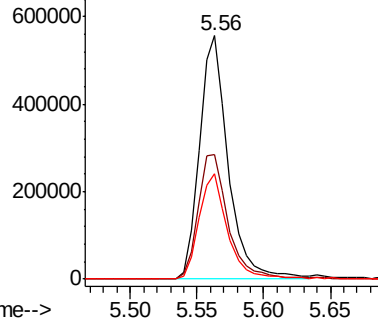
#5

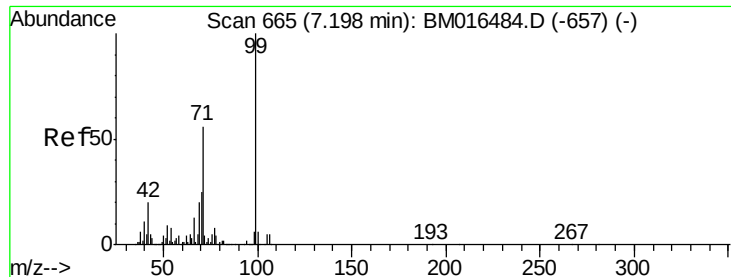
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	38.6	57.8
63	43.0	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: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampleId :

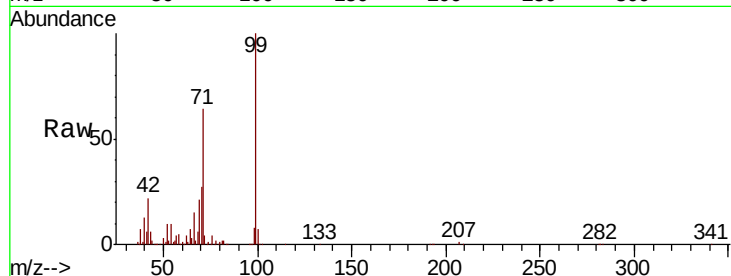
Tot Ion: 99 Resp: 903980

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

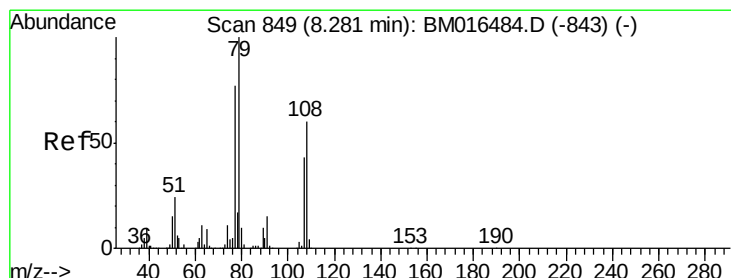
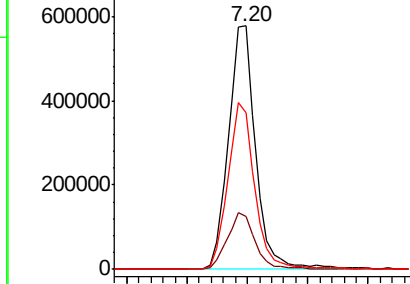
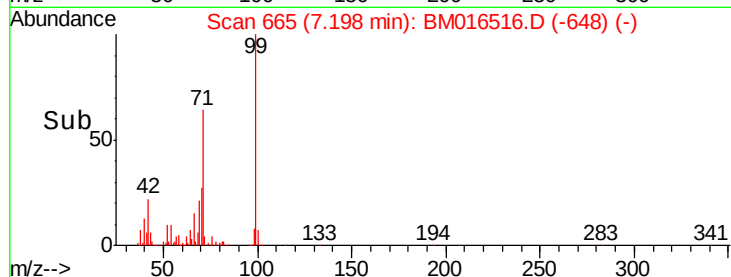
71 64.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016516.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016516.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016516.D (-648) (-)



#15

Benzyl Alcohol

Concen: 2.614 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

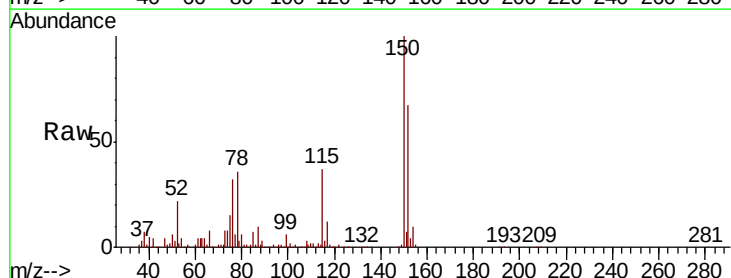
Tgt Ion: 79 Resp: 19755

Ion Ratio Lower Upper

79 100

108 111.3 65.0 97.4#

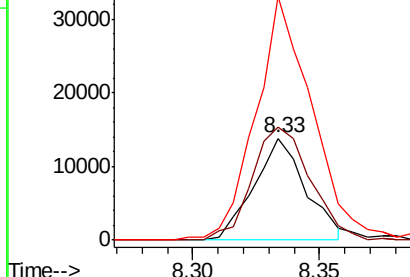
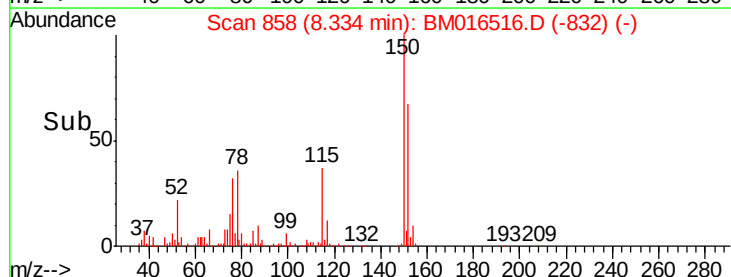
77 238.5 53.0 79.6#

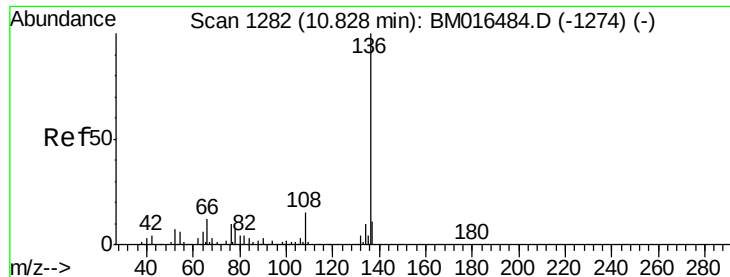


Abundance Ion 79.00 (78.70 to 79.70): BM016516.D (-832) (-)

Ion 108.00 (107.70 to 108.70): BM016516.D (-832) (-)

Ion 77.00 (76.70 to 77.70): BM016516.D (-832) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 375936

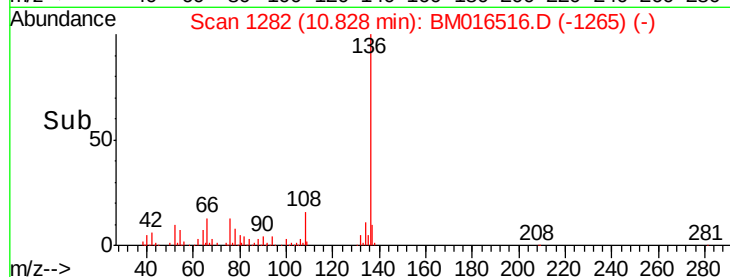
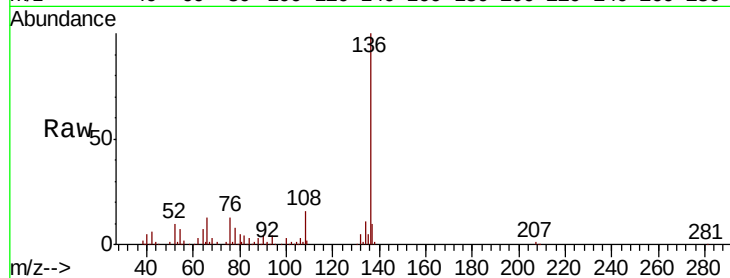
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 7.4 4.6 6.8#

68 3.3 3.7 5.5#

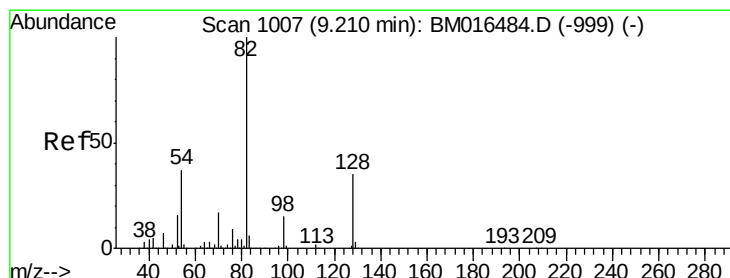
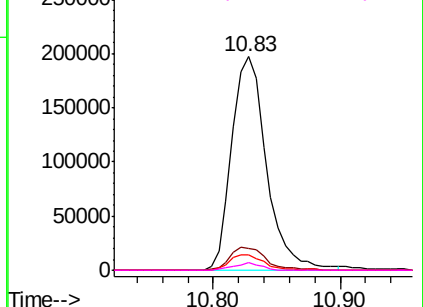


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

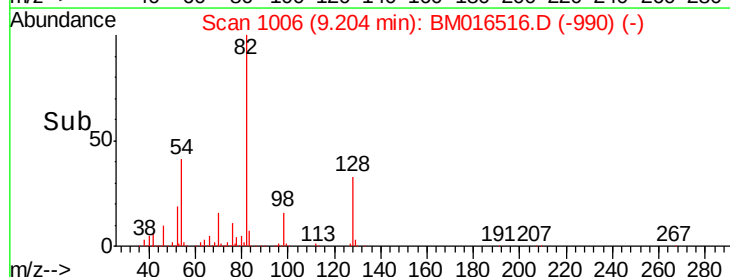
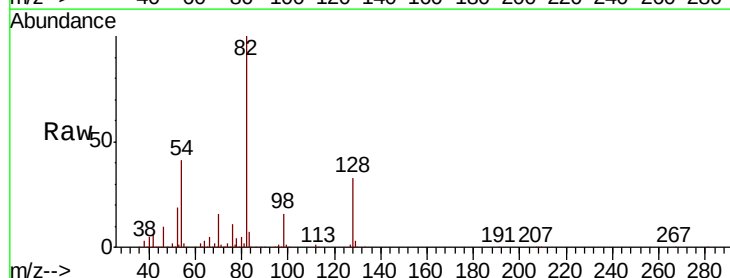
Tgt Ion: 82 Resp: 952936

Ion Ratio Lower Upper

82 100

128 33.3 32.8 49.2

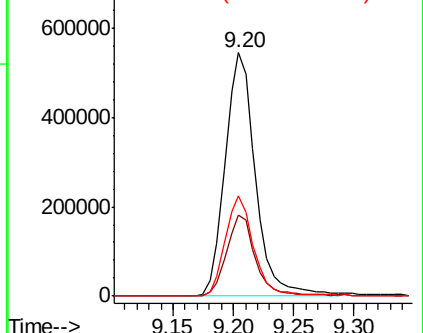
54 41.4 40.6 60.8

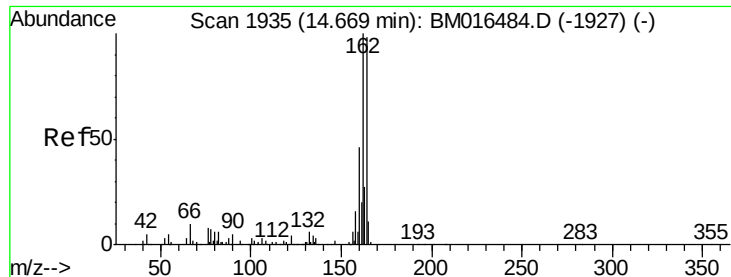


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampleId :

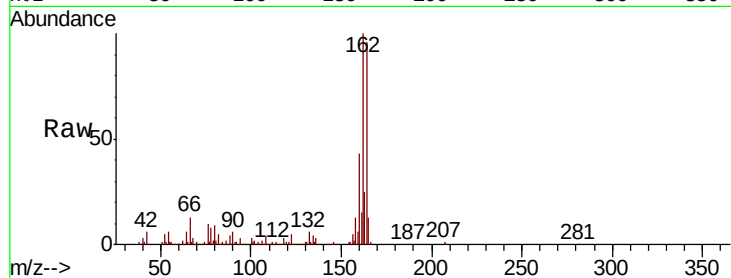
Tot Ion:164 Resp: 298113

Ion Ratio Lower Upper

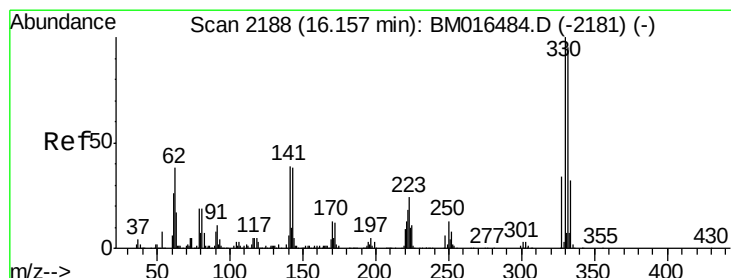
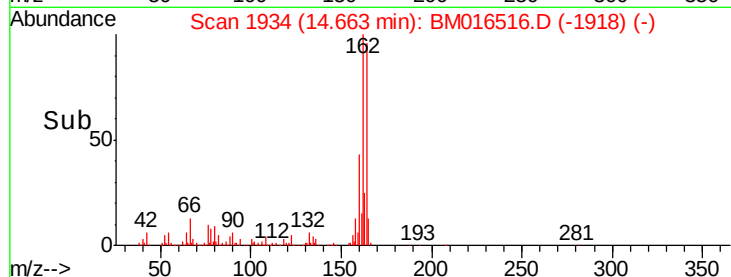
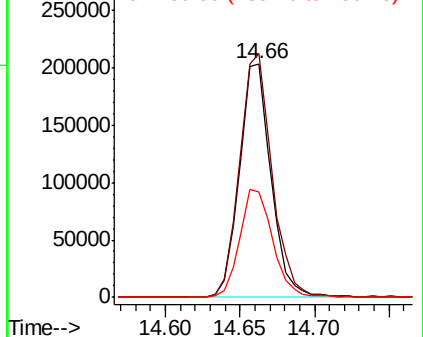
164 100

162 104.2 82.4 123.6

160 45.0 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: N.D. ng

RT: 16.16 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

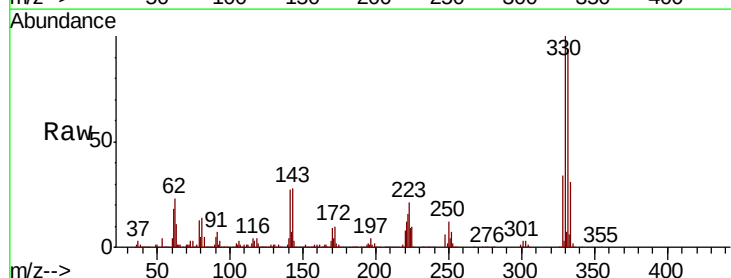
Tgt Ion:330 Resp: 1809059

Ion Ratio Lower Upper

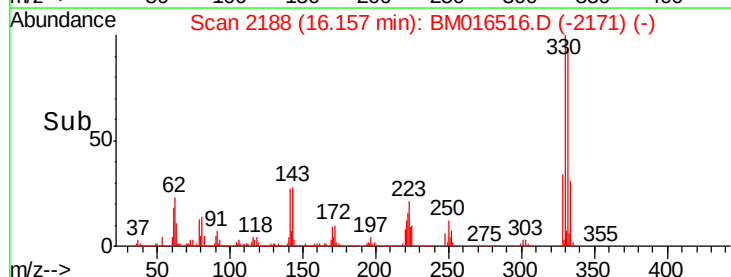
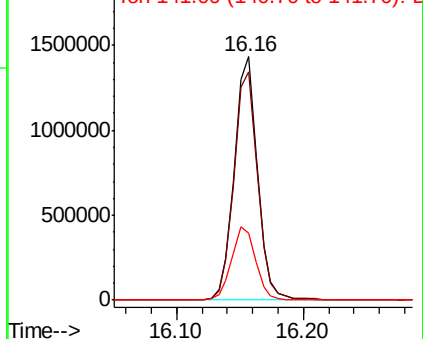
330 100

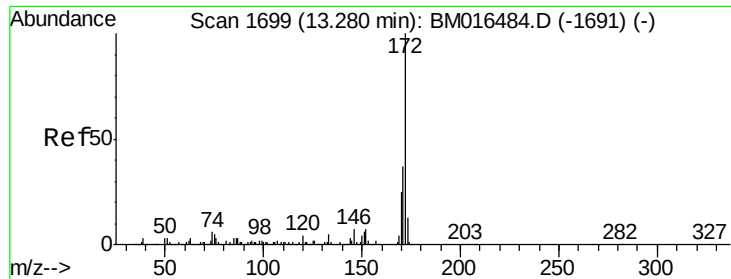
332 95.7 0.0 0.0#

141 31.7 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

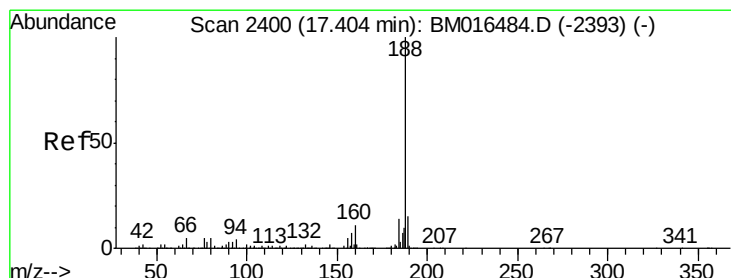
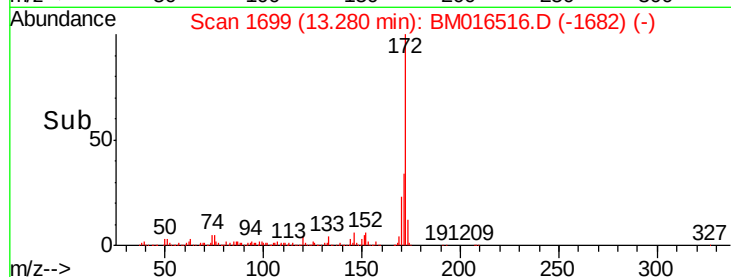
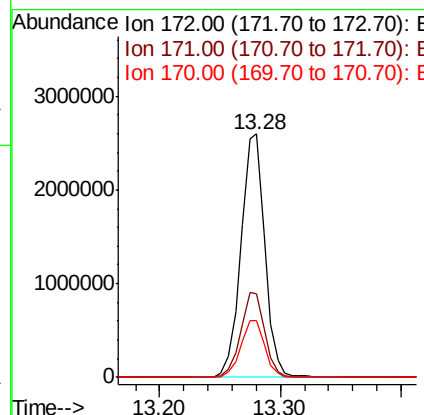
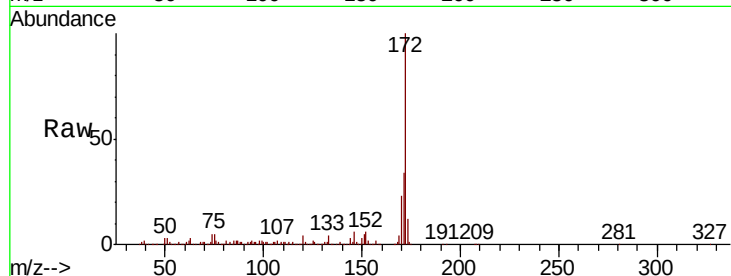




#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

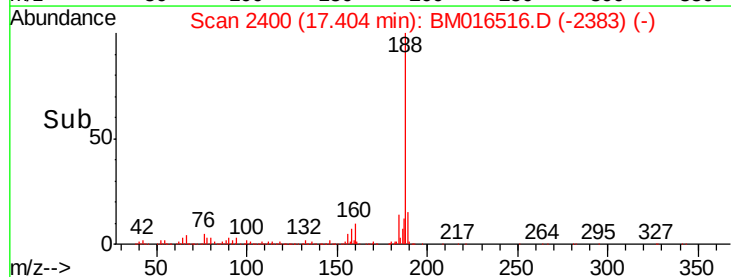
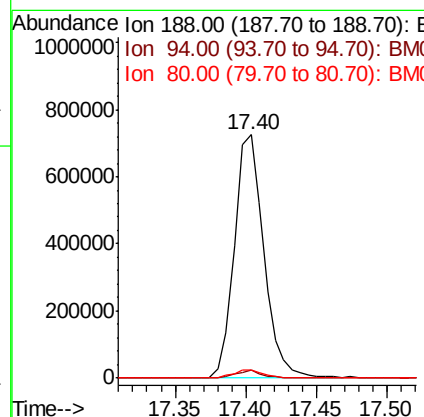
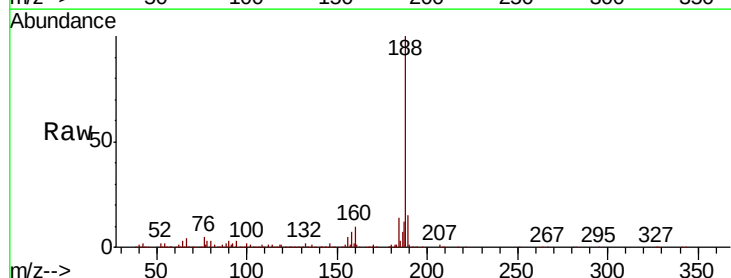
Instrument :
BNA_M
ClientSampleId :

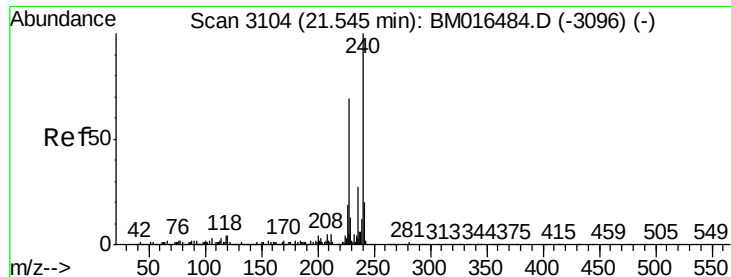
Tot Ion:172 Resp: 3586701
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Tgt Ion:188 Resp: 1058249
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.4 9.3 13.9#

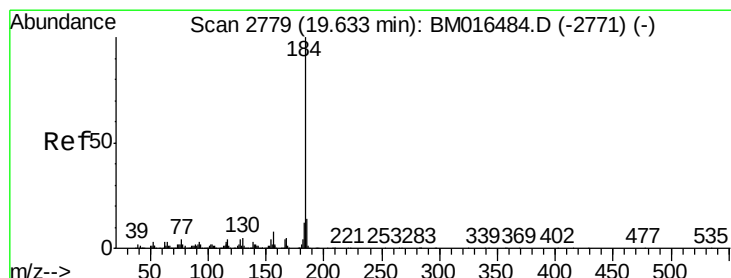
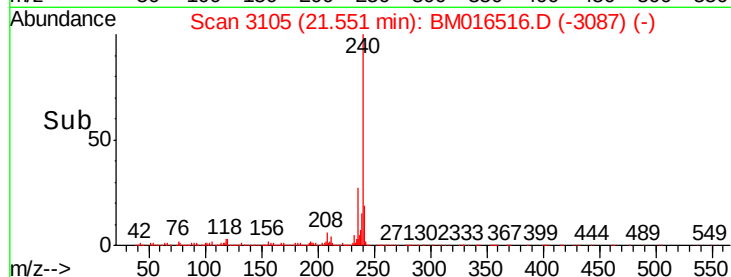
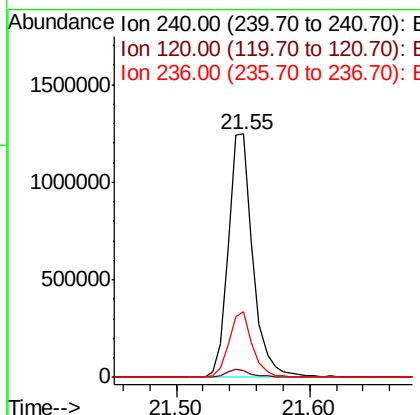
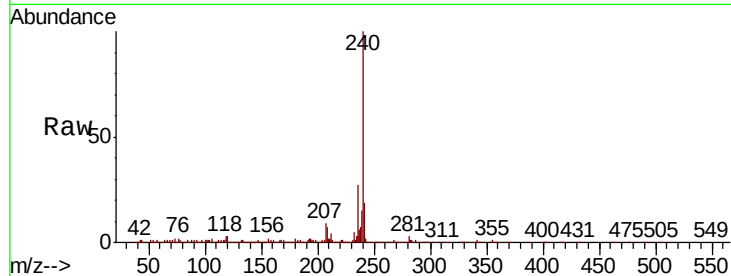




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

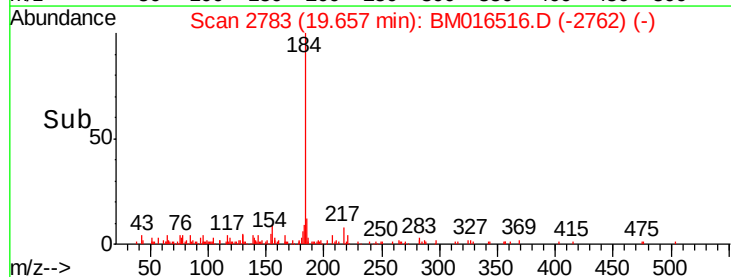
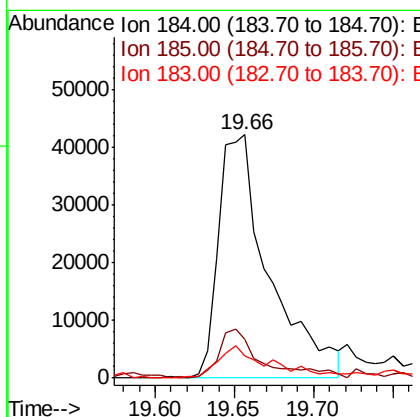
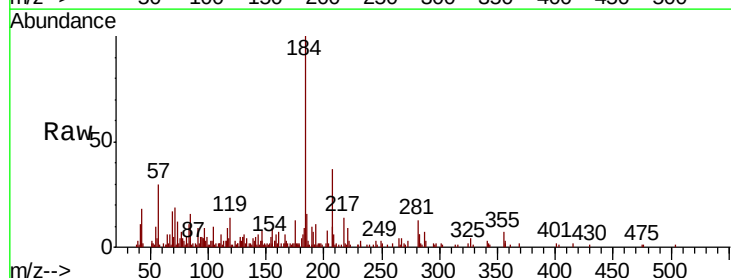
Instrument :
BNA_M
ClientSampleId :

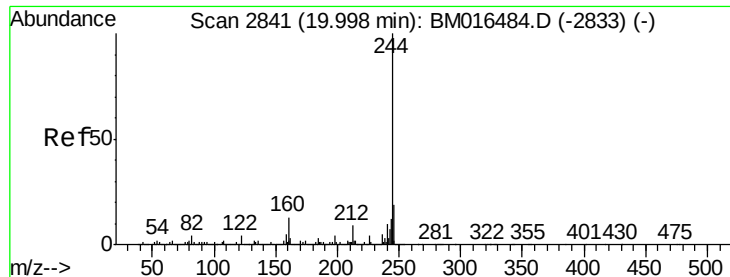
Tot Ion:240 Resp: 1614094
Ion Ratio Lower Upper
240 100
120 2.8 8.2 12.2#
236 27.2 20.0 30.0



#76
Benzidine
Concen: 3.011 ng
RT: 19.66 min Scan# 2783
Delta R.T. 0.02 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Tgt Ion:184 Resp: 93471
Ion Ratio Lower Upper
184 100
185 16.2 11.3 16.9
183 9.3 8.9 13.3





#78

Terphenyl-d14

Concen: Below na

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampled :

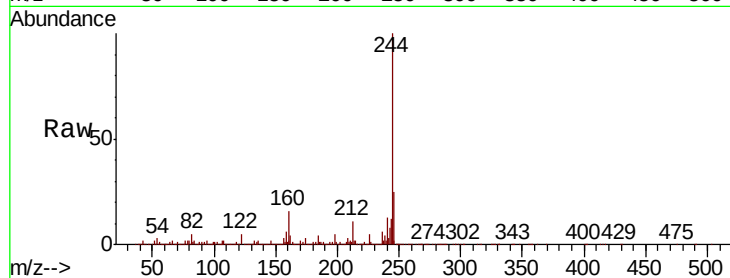
Tot Ion:244 Resp:10671139

Ion Ratio Lower Upper

244 100

212 11.3 4.9 7.3#

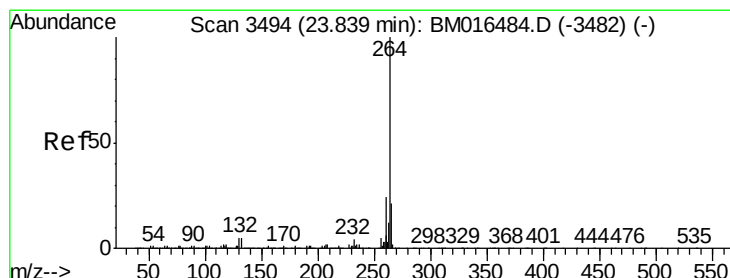
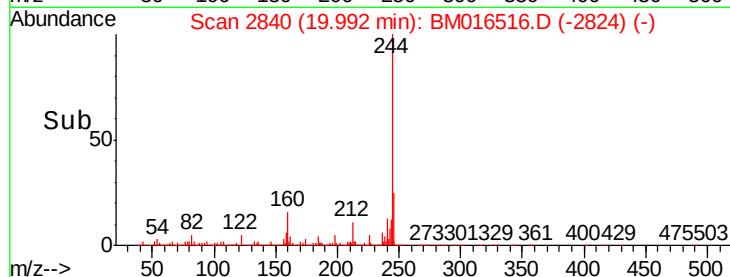
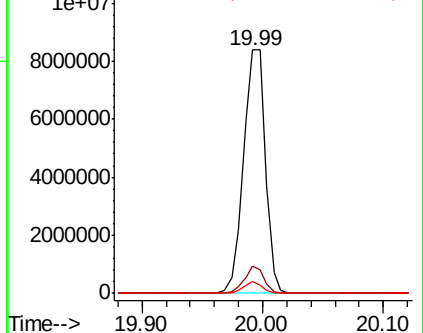
122 4.9 6.2 9.4#



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: 20.000 ng

RT: 23.84 min Scan# 3494

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

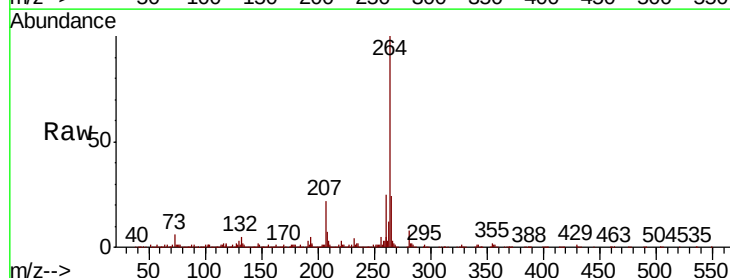
Tgt Ion:264 Resp: 1710479

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 23.7 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

