

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
 Data File : BM018934.D
 Acq On : 26 Feb 2019 17:59
 Operator : JU/SJ
 Sample : K1620-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-05

Quant Time: Feb 27 00:03:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

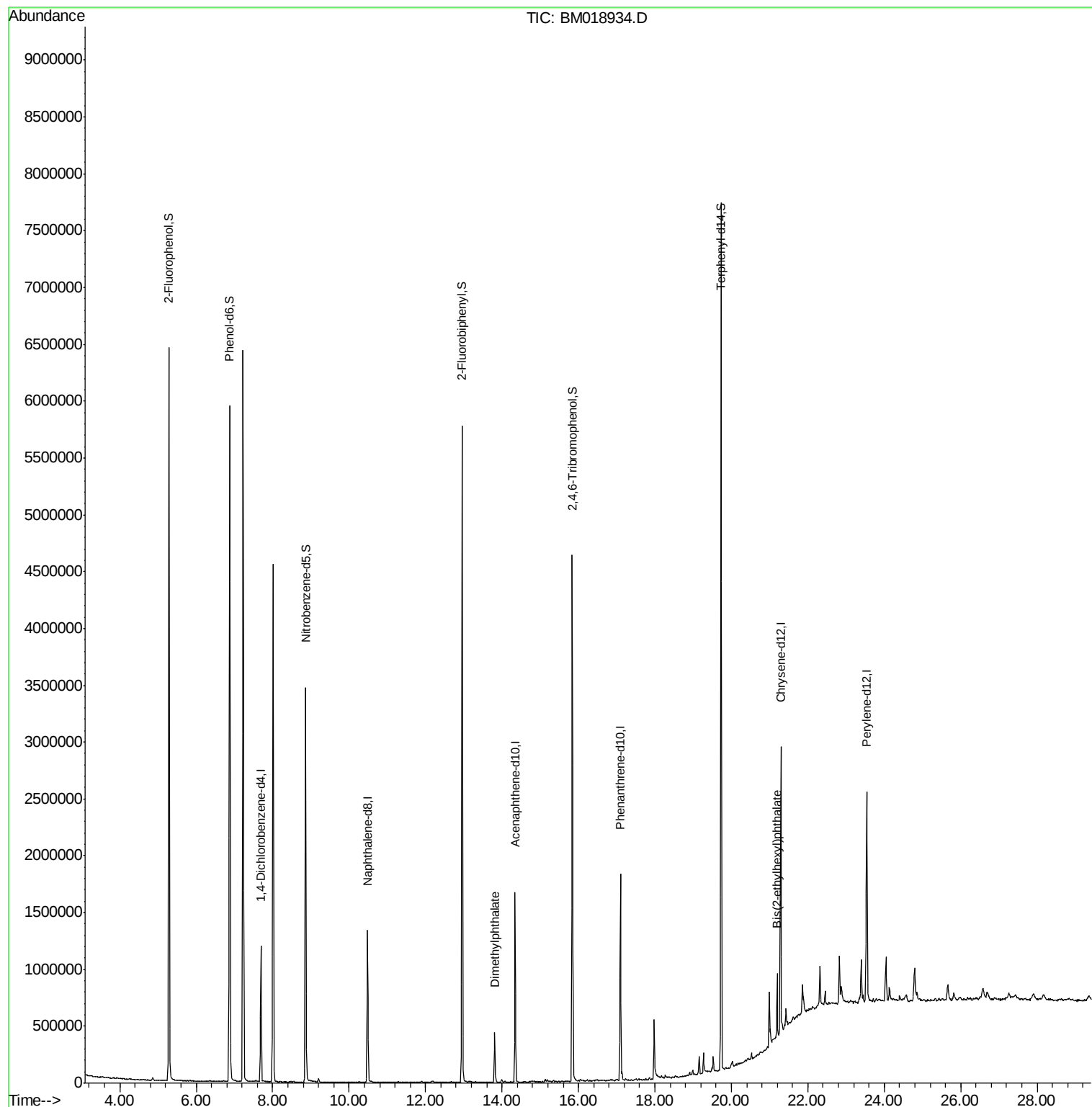
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	303268	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1086662	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	507163	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	974412	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1101586	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1270678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2591155	139.99	ng	-0.02
7) Phenol-d6	6.87	99	3422732	131.27	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2207904	93.95	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	835629	114.30	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2882112	75.44	ng	-0.02
79) Terphenyl-d14	19.73	244	3408760	63.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.87	77	7804	Below Cal		Qvalue # 13
50) Dimethylphthalate	13.80	163	283636	6.711	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	183437	4.298	ng	98

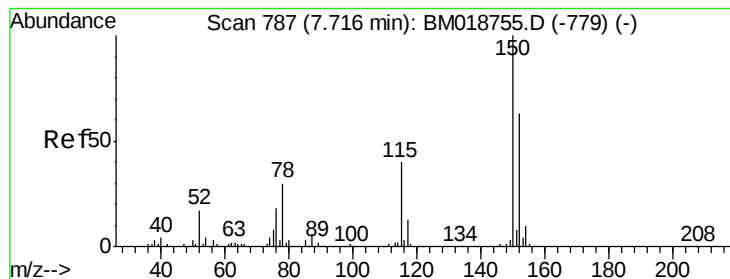
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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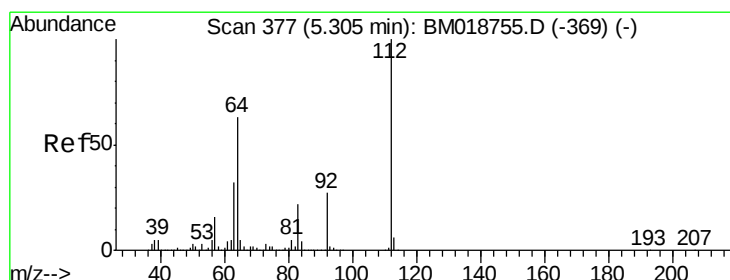
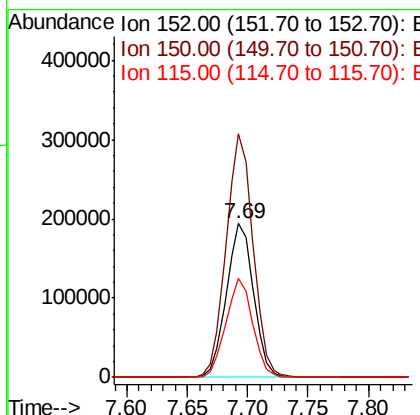
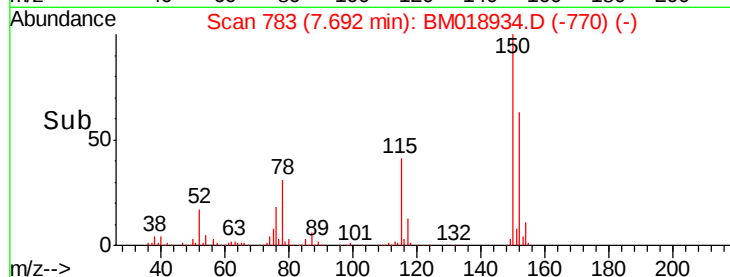
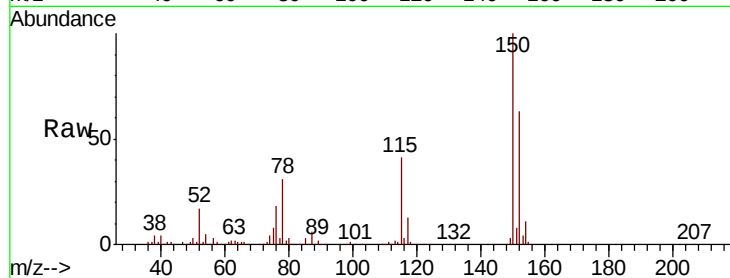


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018934.D
Acq: 26 Feb 2019 17:59

Instrument :
BNA_M
ClientSampleId :
SB-05

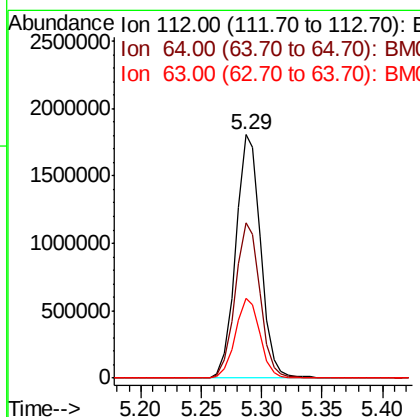
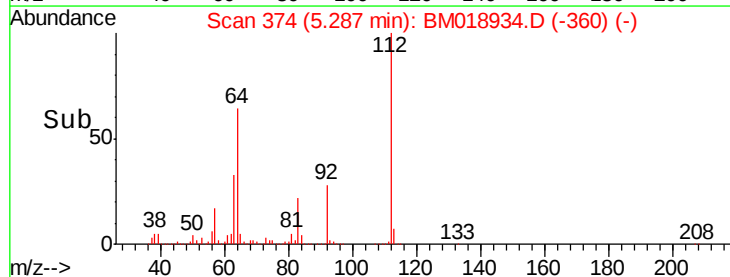
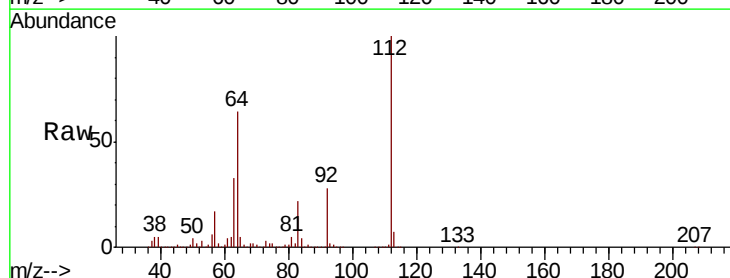
Tgt Ion:152 Resp: 303268
Ion Ratio Lower Upper
152 100
150 158.2 127.3 190.9
115 64.7 50.8 76.2

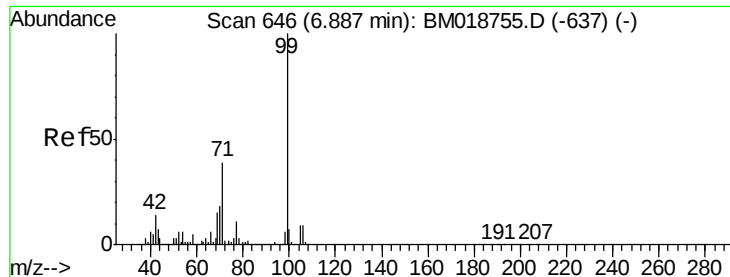


#5

2-Fluorophenol
Concen: 139.993 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018934.D
Acq: 26 Feb 2019 17:59

Tgt Ion:112 Resp: 2591155
Ion Ratio Lower Upper
112 100
64 64.0 50.6 75.8
63 32.6 25.7 38.5





#7

Phenol-d6

Concen: 131.266 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

Instrument :

BNA_M

ClientSampled :

SB-05

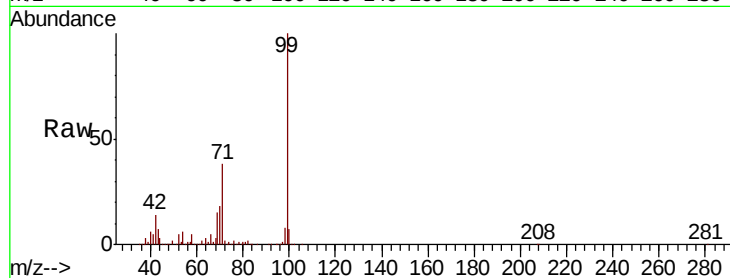
Tgt Ion: 99 Resp: 3422732

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

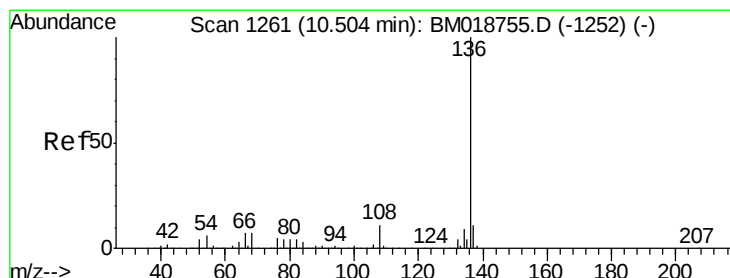
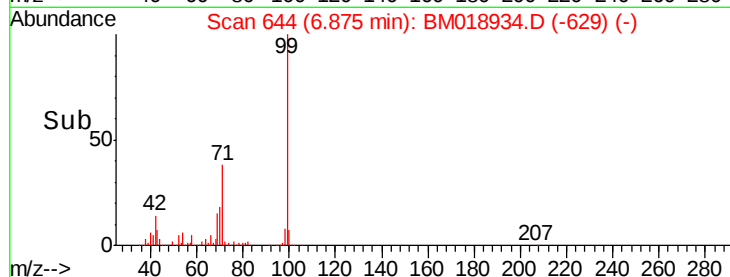
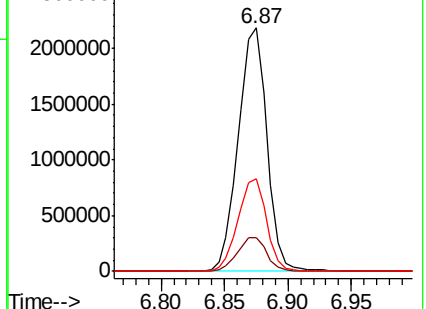
71 38.1 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

Tgt Ion: 136 Resp: 1086662

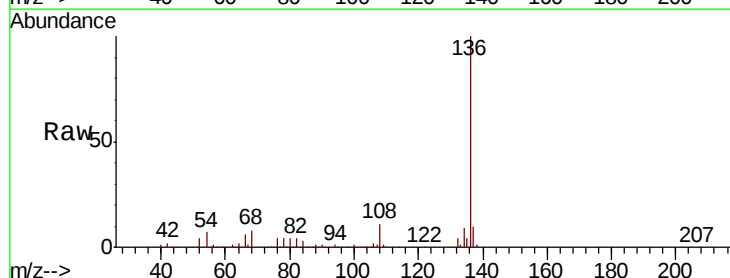
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.6 5.0 7.6

68 7.6 5.5 8.3

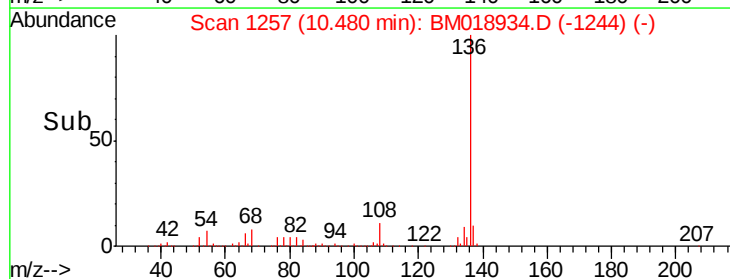
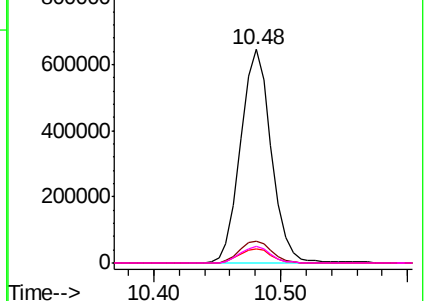


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

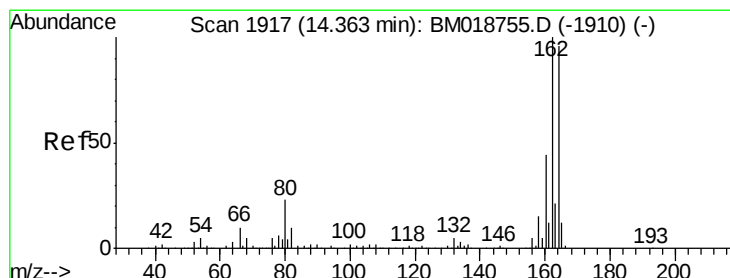
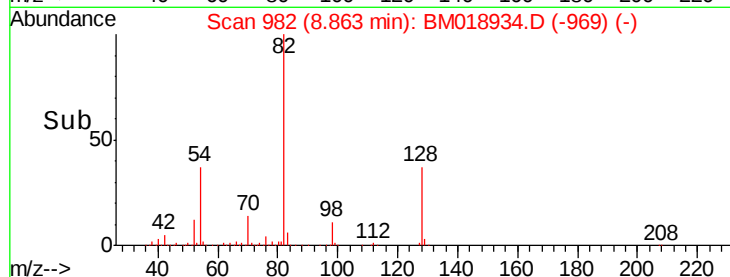
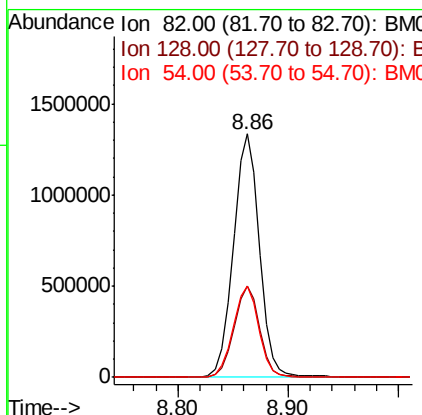
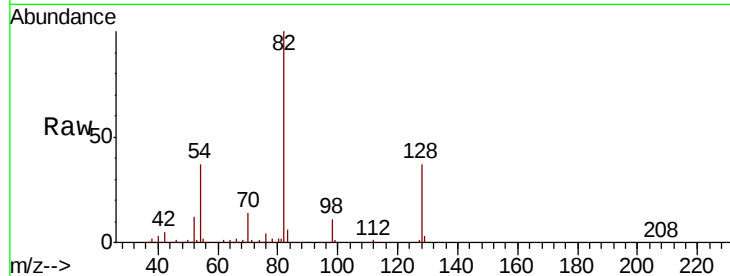




#23
 Nitrobenzene-d5
 Concen: 93.949 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018934.D
 Acq: 26 Feb 2019 17:59

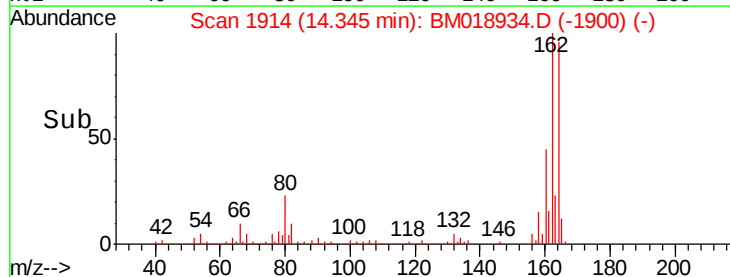
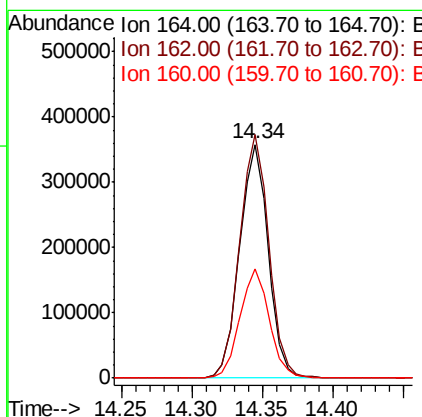
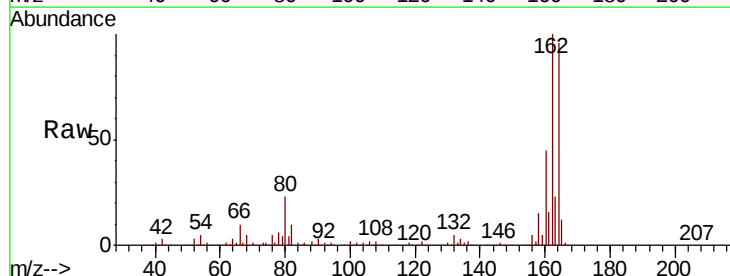
Instrument :
 BNA_M
 ClientSampleId :
 SB-05

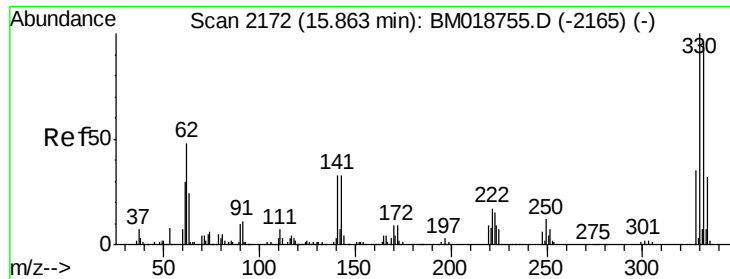
Tgt Ion: 82 Resp: 2207904
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.9 44.9
 54 37.3 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018934.D
 Acq: 26 Feb 2019 17:59

Tgt Ion: 164 Resp: 507163
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.4 125.0
 160 46.9 36.6 55.0

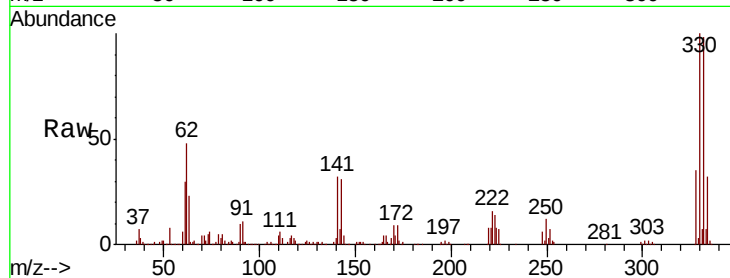




#42
 2,4,6-Tribromophenol
 Concen: 114.304 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM018934.D
 Acq: 26 Feb 2019 17:59

Instrument :
 BNA_M
 ClientSampled :
 SB-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	35.4	28.7	43.1

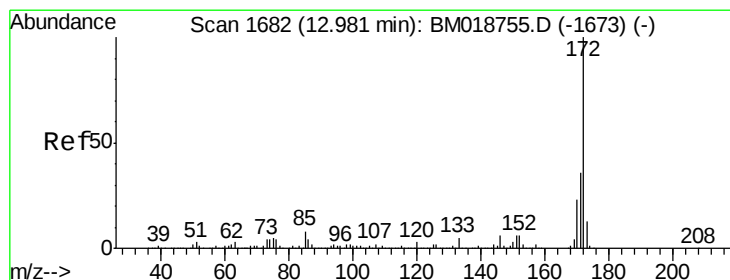
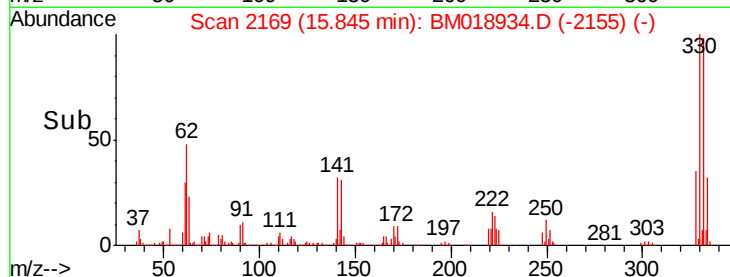
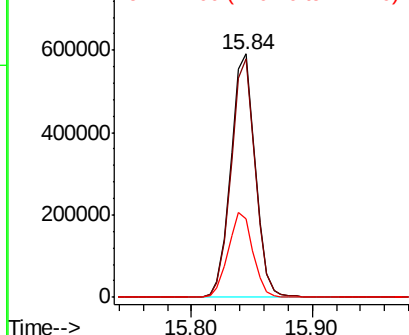


Abundance

Ion 329.80 (329.50 to 330.50): E

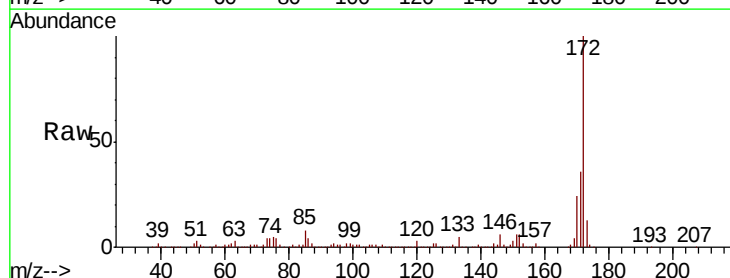
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.438 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BM018934.D
 Acq: 26 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

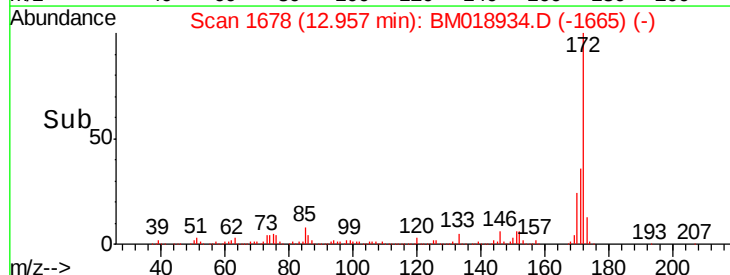
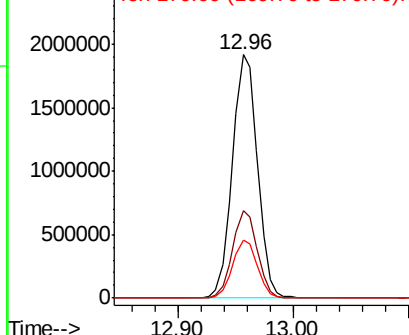


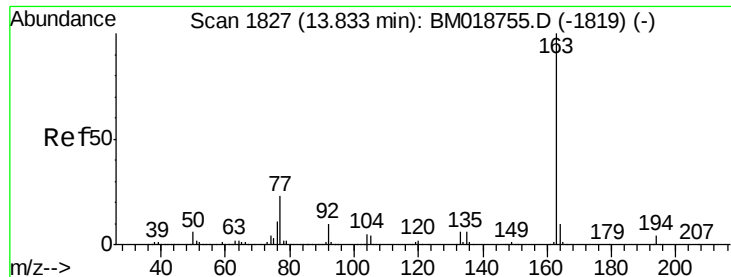
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.711 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

Instrument :

BNA_M

ClientSampleId :

SB-05

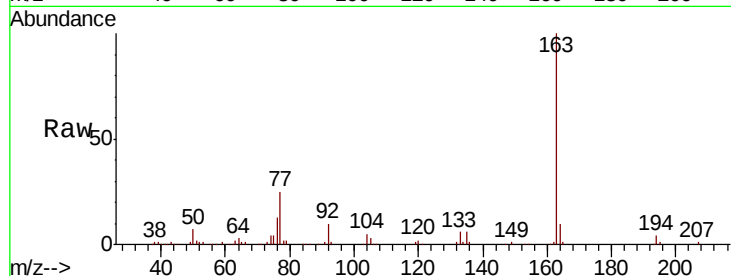
Tgt Ion:163 Resp: 283636

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

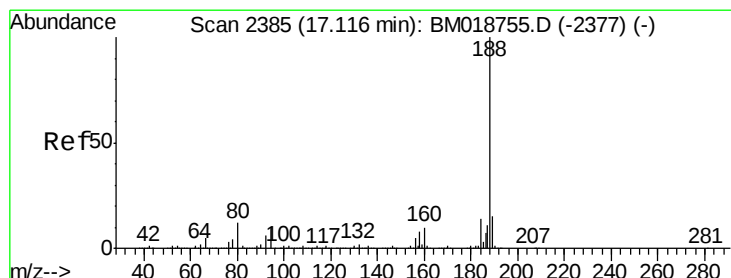
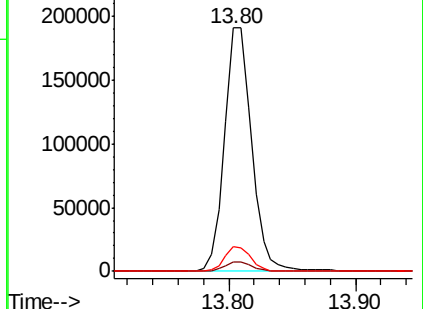
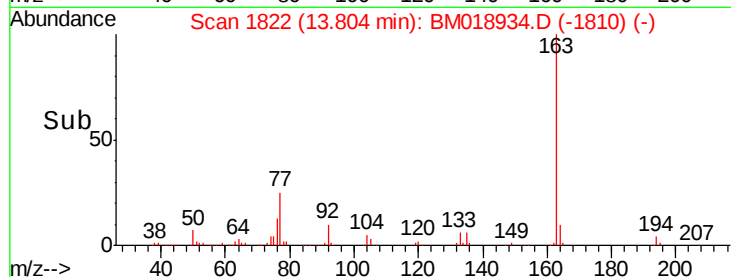
164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

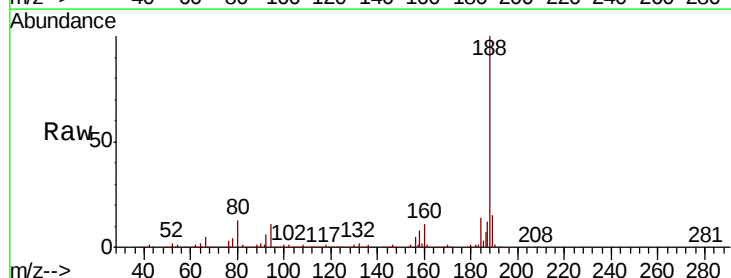
Tgt Ion:188 Resp: 974412

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

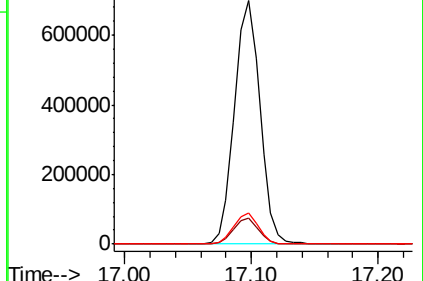
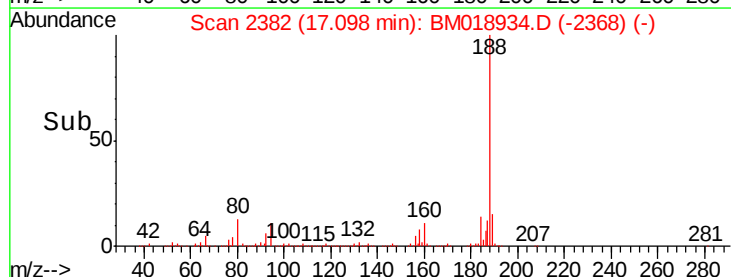
80 12.8 9.7 14.5

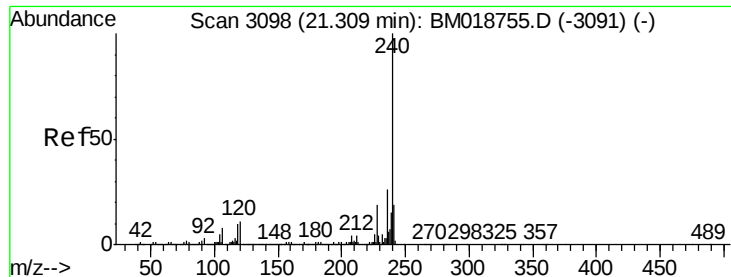


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

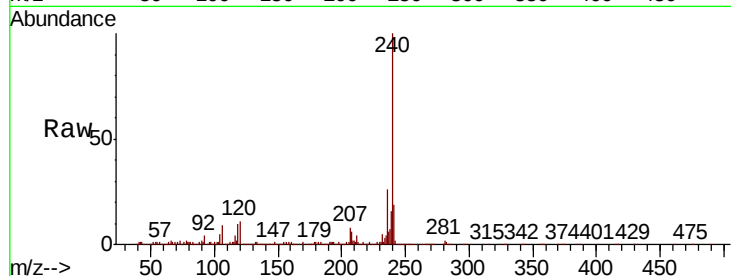




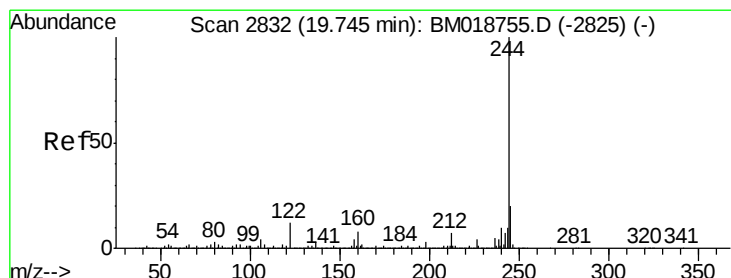
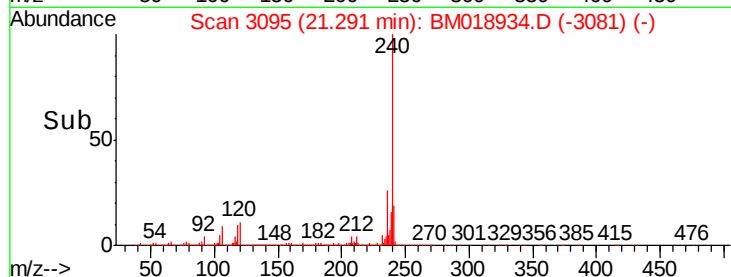
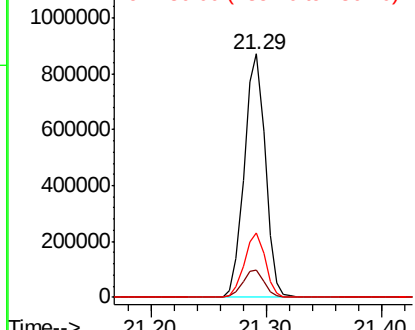
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018934.D
Acq: 26 Feb 2019 17:59

Instrument :
BNA_M
ClientSampled :
SB-05

Tgt Ion:240 Resp: 1101586
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.3 20.9 31.3

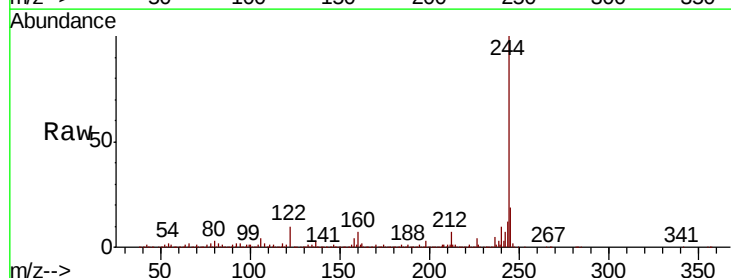


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

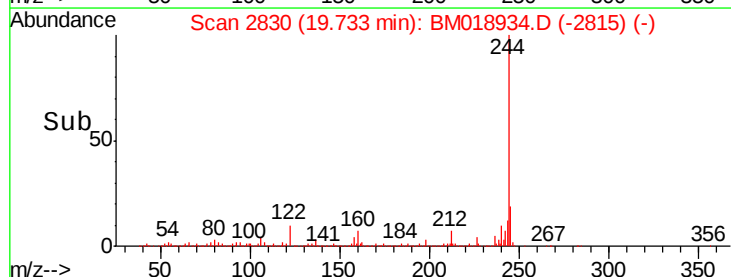
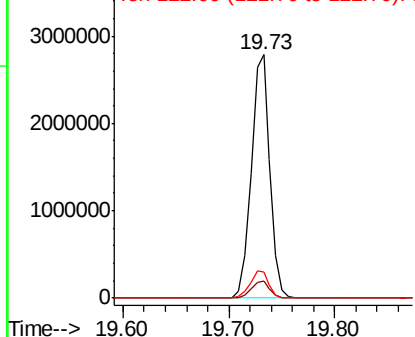


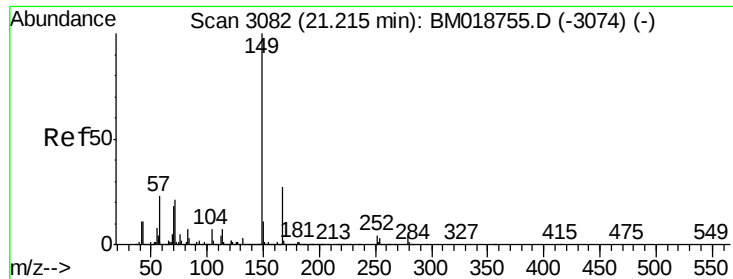
#79
Terphenyl-d14
Concen: 63.834 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018934.D
Acq: 26 Feb 2019 17:59

Tgt Ion:244 Resp: 3408760
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.4 9.3 13.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.298 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

Instrument :

BNA_M

ClientSampleId :

SB-05

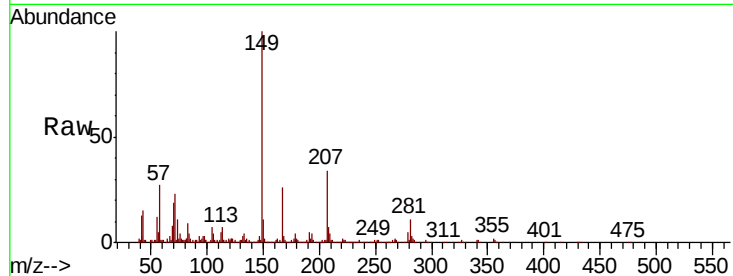
Tgt Ion:149 Resp: 183437

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

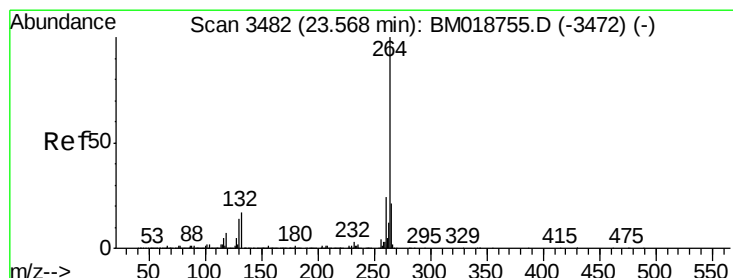
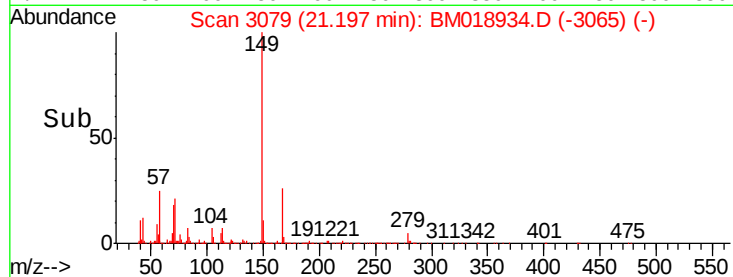
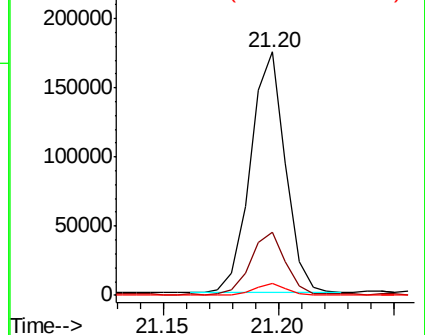
279 4.7 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018934.D

Acq: 26 Feb 2019 17:59

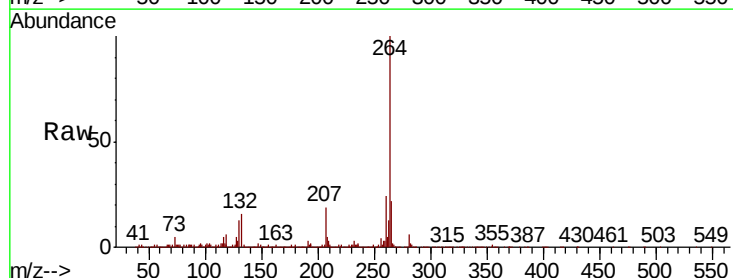
Tgt Ion:264 Resp: 1270678

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

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

