

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019301.D
 Acq On : 21 Mar 2019 21:33
 Operator : JU/SJ
 Sample : K2004-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-19(13-14)

Quant Time: Mar 22 04:44:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

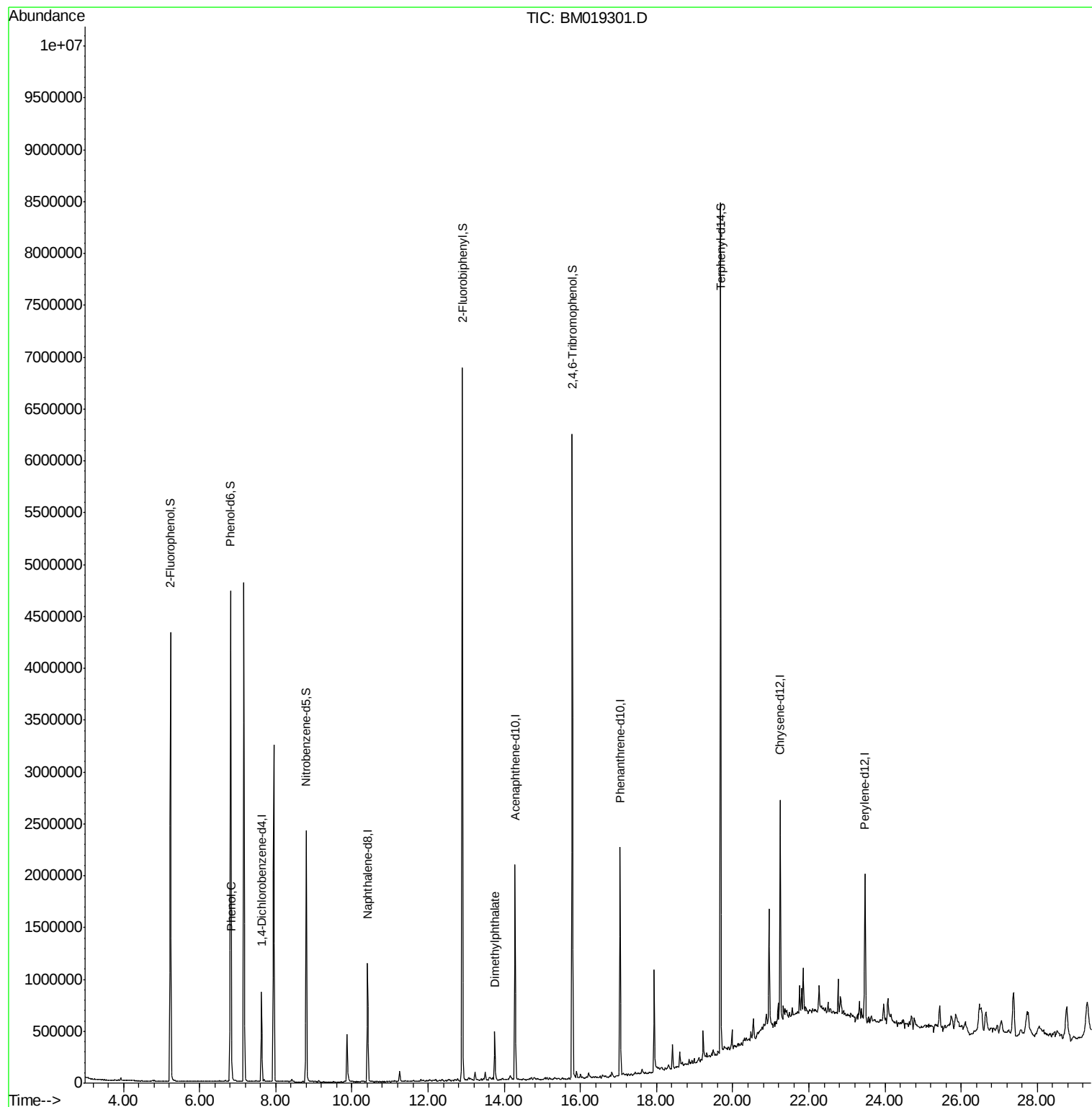
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	229651	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	931528	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	625772	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1256002	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	907555	20.00	ng	-0.03
87) Perylene-d12	23.47	264	959039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1839790	129.74	ng	-0.02
7) Phenol-d6	6.82	99	2848901	137.35	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1549504	78.63	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1237095	133.89	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3420896	71.11	ng	-0.04
79) Terphenyl-d14	19.69	244	3615805	79.09	ng	-0.02
Target Compounds						
10) Phenol	6.84	94	49181	2.200	ng	84
50) Dimethylphthalate	13.75	163	294184	5.495	ng	100

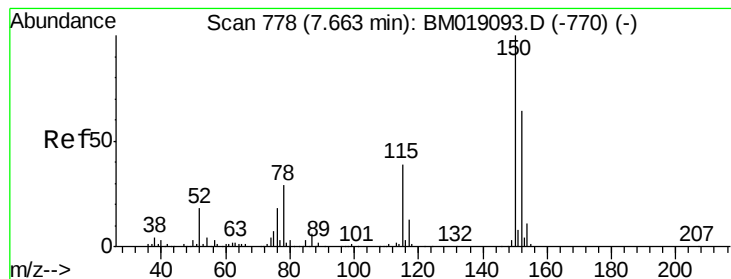
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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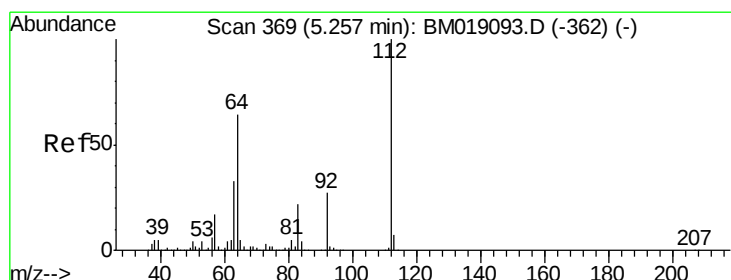
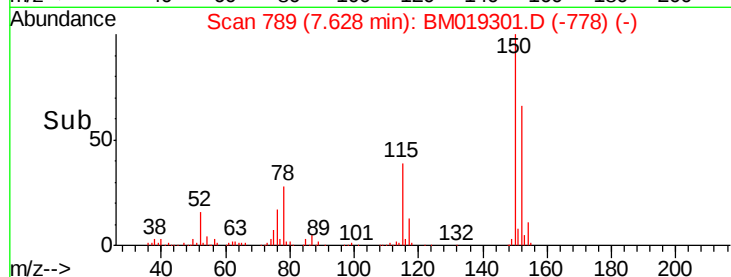
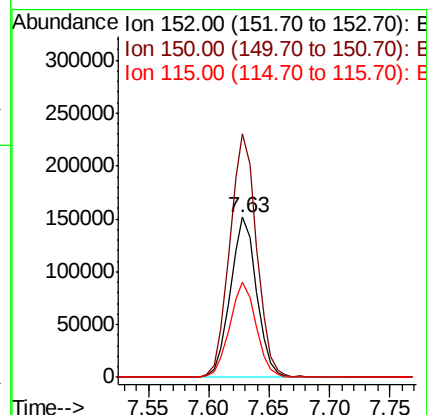
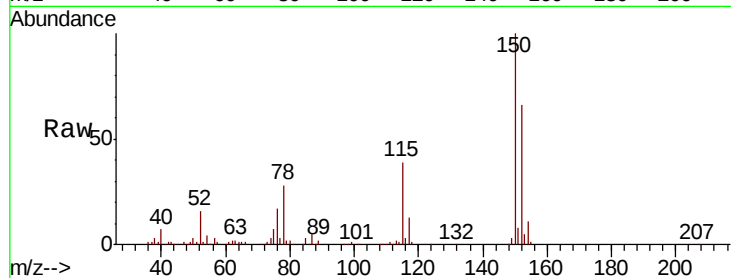


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

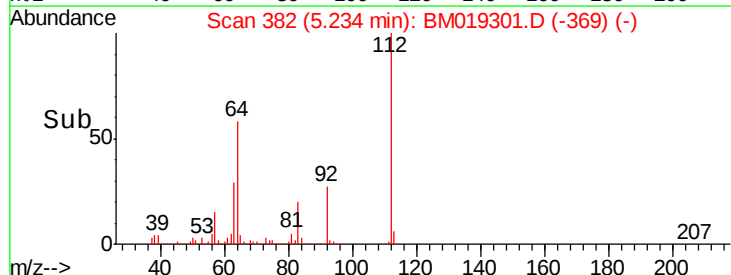
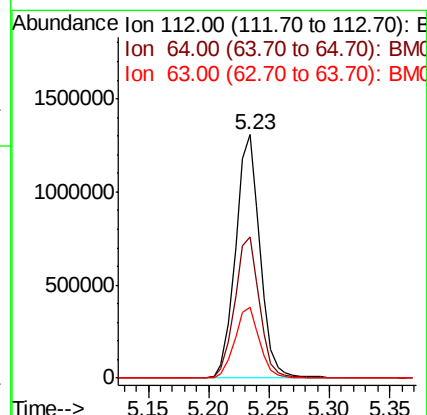
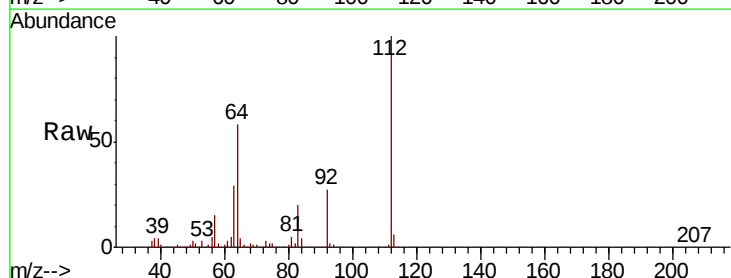
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.3	187.9
115	59.7	49.4	74.0

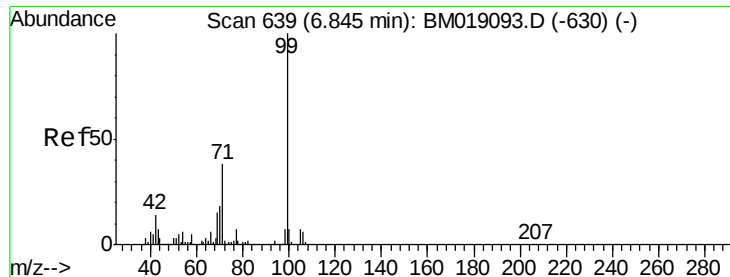


#5

2-Fluorophenol
Concen: 129.740 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	51.4	77.0
63	28.9	26.6	40.0





#7

Phenol-d6

Concen: 137.349 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019301.D

Acq: 21 Mar 2019 21:33

Instrument :

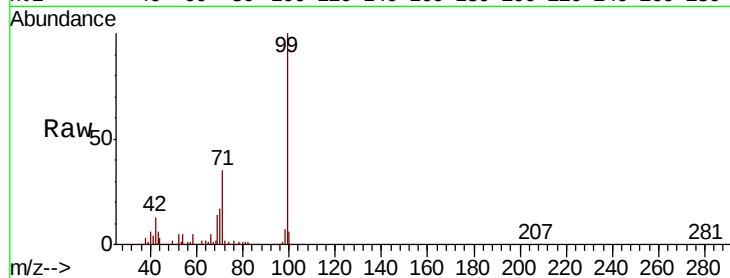
BNA_M

ClientSampleId :

SB-19(13-14)

Tot Ion: 99 Resp: 2848901

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.9	16.3
71	35.5	30.3	45.5



Abundance

Ion 99.00 (98.70 to 99.70): BM019301.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019301.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019301.D (-639) (-)

2500000

2000000

1500000

1000000

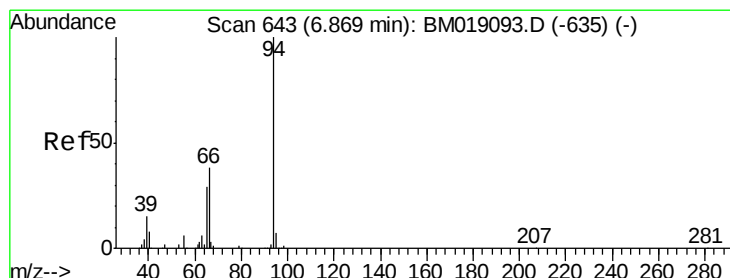
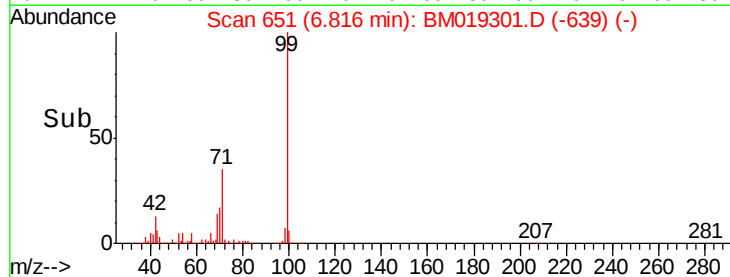
500000

0

6.82

6.70 6.75 6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 2.200 ng

RT: 6.84 min Scan# 655

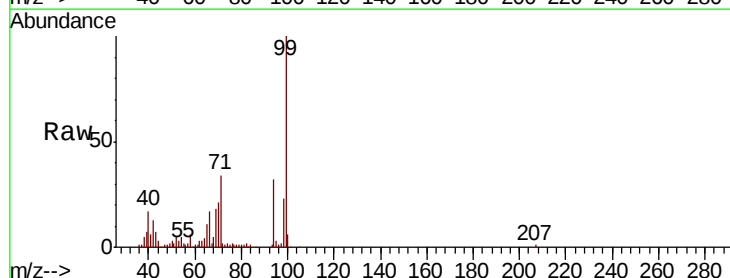
Delta R.T. -0.03 min

Lab File: BM019301.D

Acq: 21 Mar 2019 21:33

Tgt Ion: 94 Resp: 49181

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.7	49.7
66	53.4	19.2	59.2



Abundance

Ion 94.00 (93.70 to 94.70): BM019301.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019301.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019301.D (-643) (-)

120000

100000

80000

60000

40000

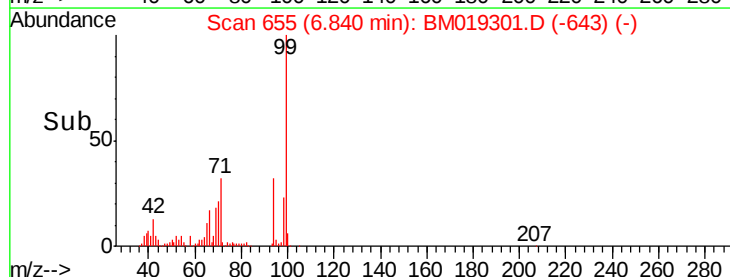
20000

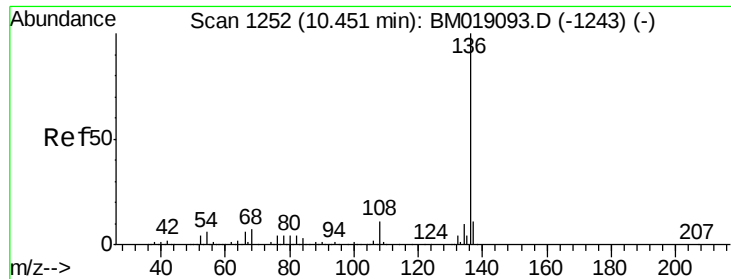
0

6.84

6.75 6.80 6.85 6.90

Time-->

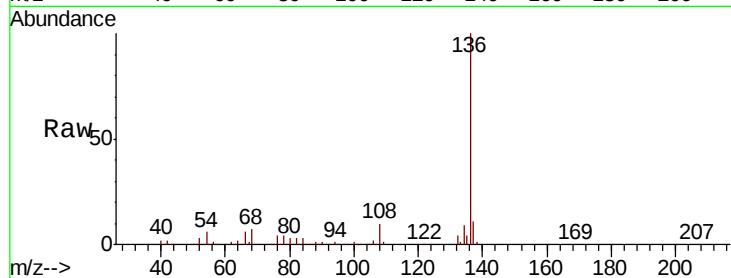




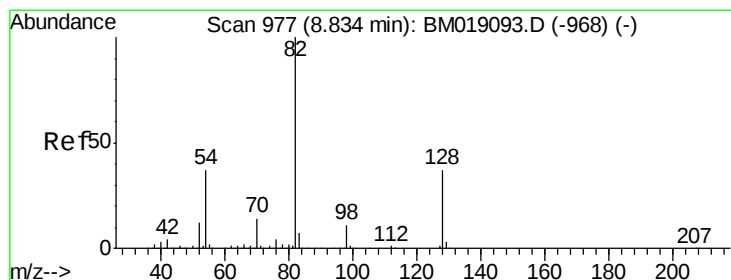
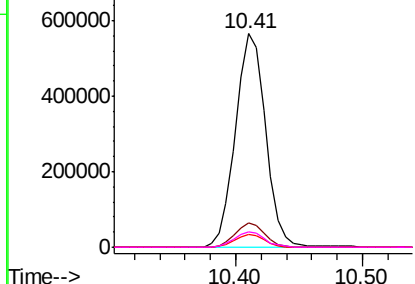
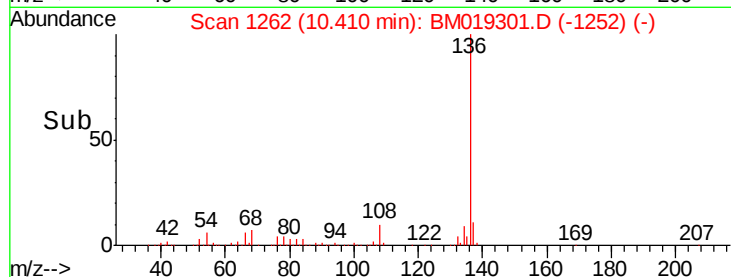
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tot Ion:136	Resp:	931528	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 6.1	5.2	7.8	
68 7.4	5.8	8.8	

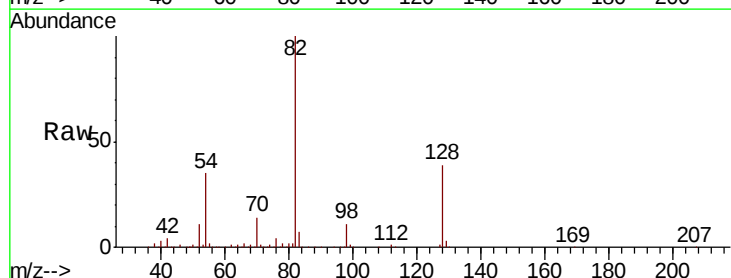


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

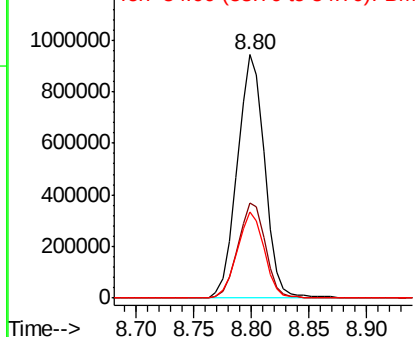
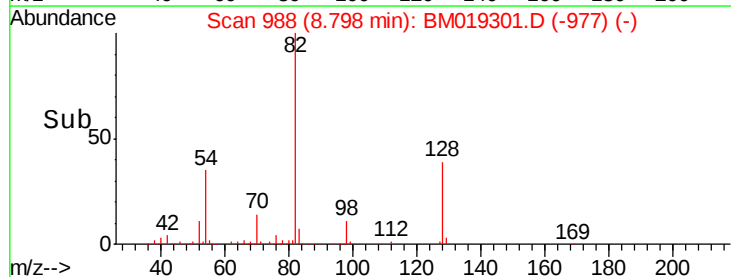


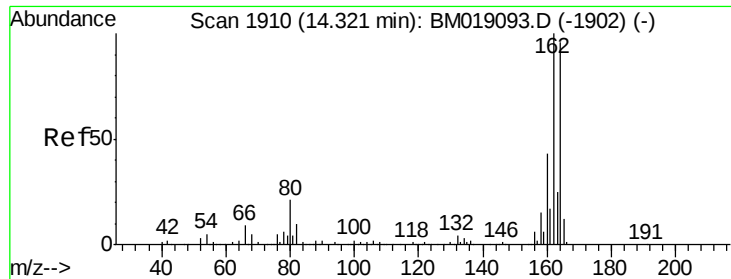
#23
Nitrobenzene-d5
Concen: 78.629 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion: 82	Resp: 1549504
Ion Ratio	Lower Upper
82 100	
128 39.1	29.4 44.2
54 35.4	29.9 44.9



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

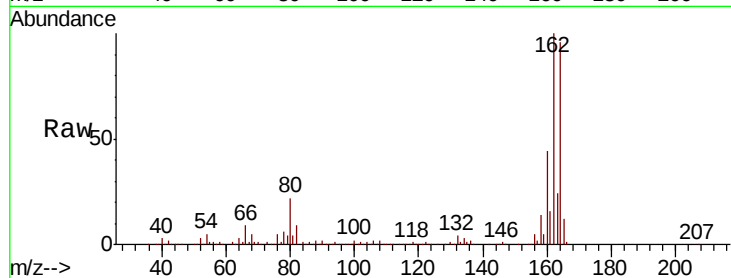




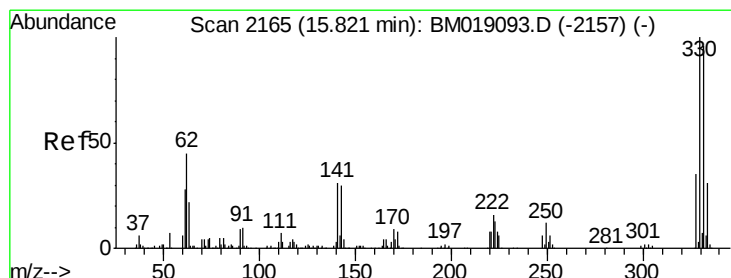
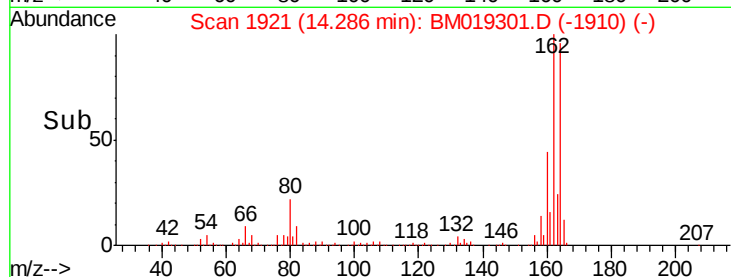
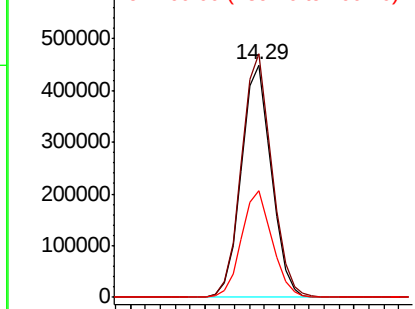
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tot Ion:164 Resp: 625772
Ion Ratio Lower Upper
164 100
162 104.7 83.5 125.3
160 46.0 36.3 54.5

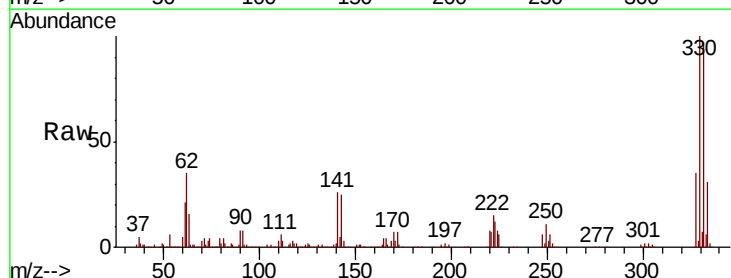


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

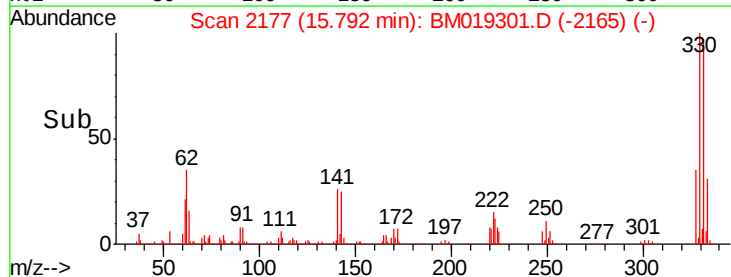
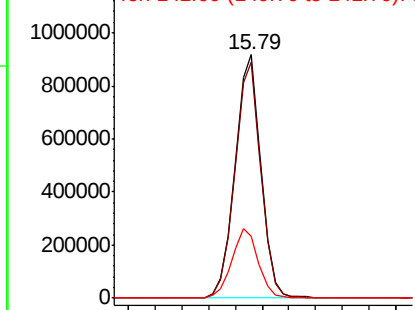


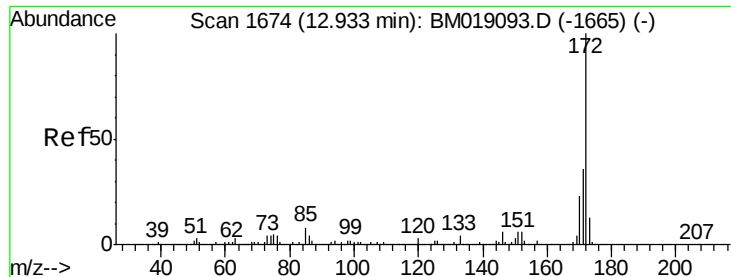
#42
2,4,6-Tribromophenol
Concen: 133.895 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:330 Resp: 1237095
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 29.4 27.0 40.4



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

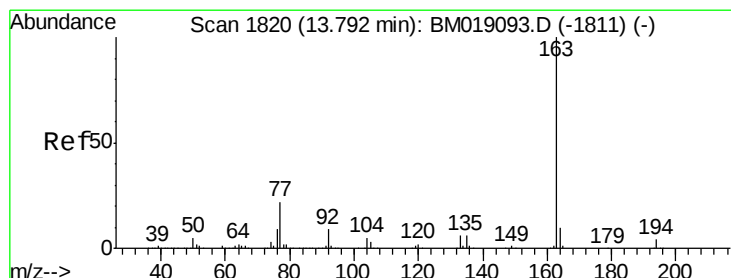
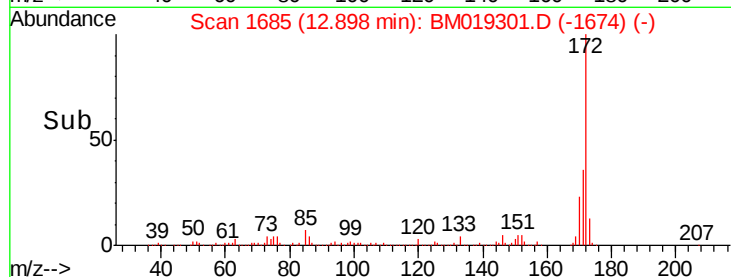
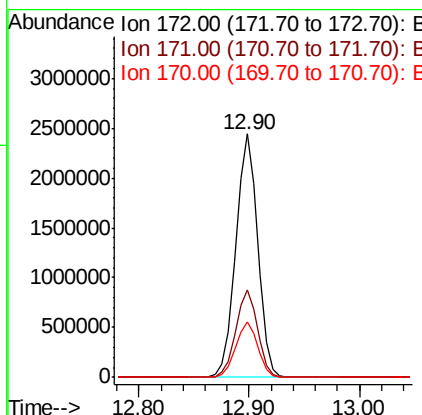
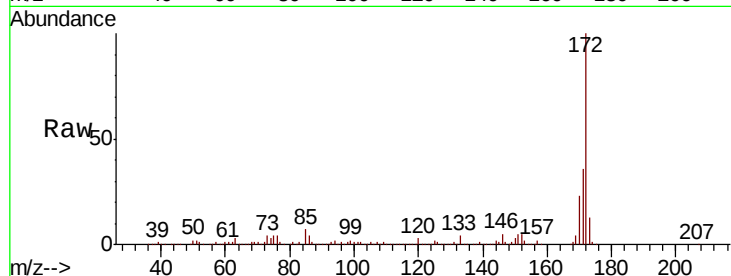




#45
2-Fluorobiphenyl
Concen: 71.108 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

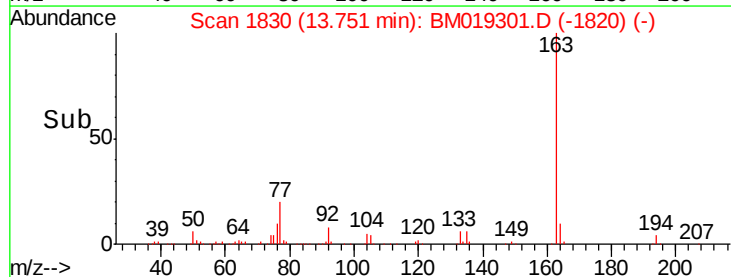
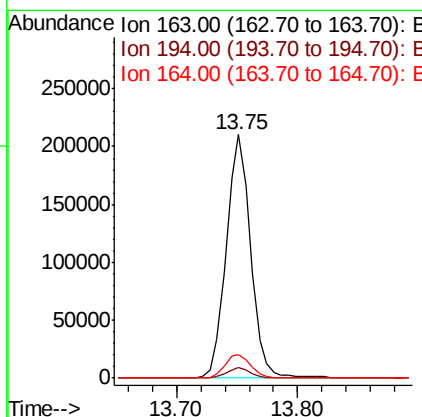
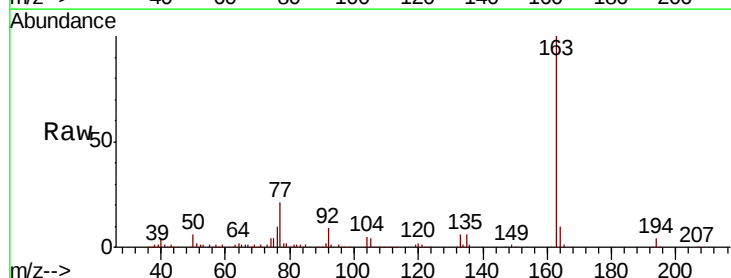
Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

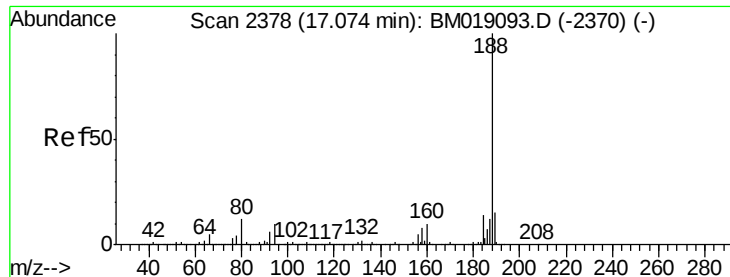
Tot Ion:172 Resp: 3420896
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.0 18.6 28.0



#50
Dimethylphthalate
Concen: 5.495 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:163 Resp: 294184
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 7.7 11.5

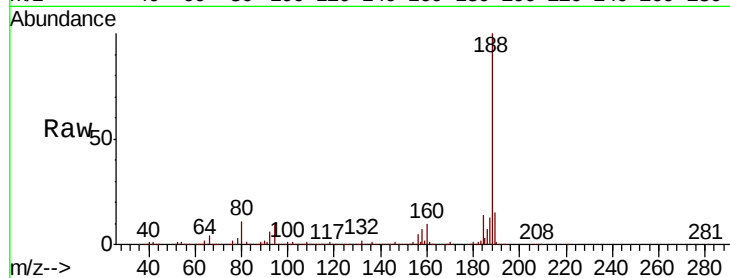




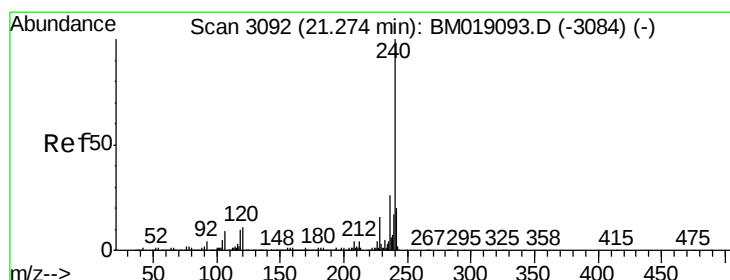
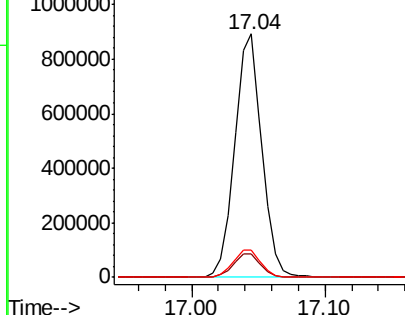
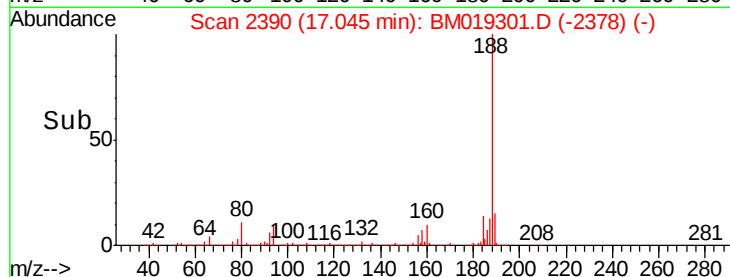
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tot Ion:188 Resp: 1256002
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 11.0 9.7 14.5

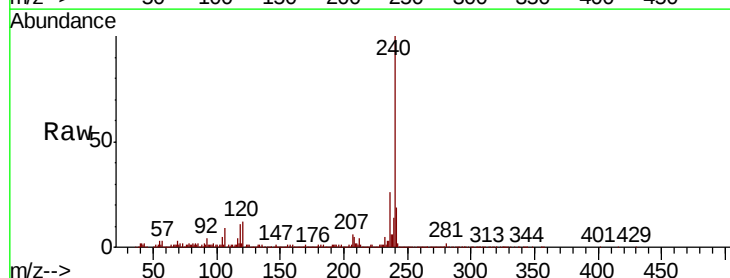


Abundance Ion 188.00 (187.70 to 188.70): E
1200000 Ion 94.00 (93.70 to 94.70): BM
1000000 Ion 80.00 (79.70 to 80.70): BM

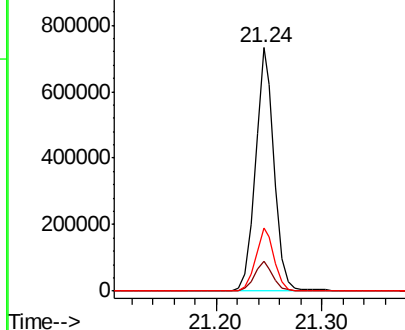
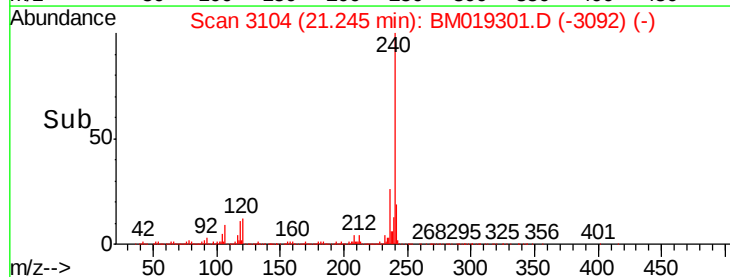


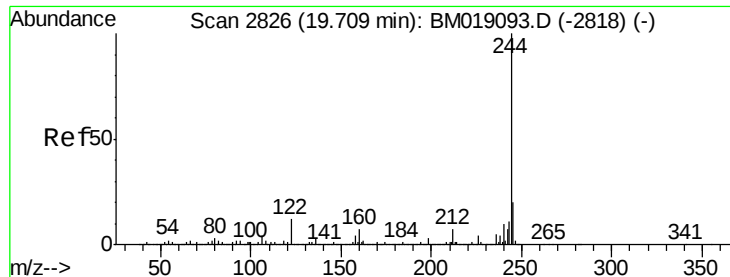
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:240 Resp: 907555
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
800000 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.093 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019301.D

Acq: 21 Mar 2019 21:33

Instrument :

BNA_M

ClientSampleId :

SB-19(13-14)

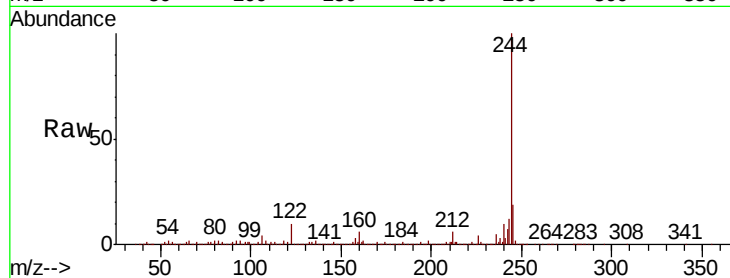
Tot Ion:244 Resp: 3615805

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.3 9.4 14.2

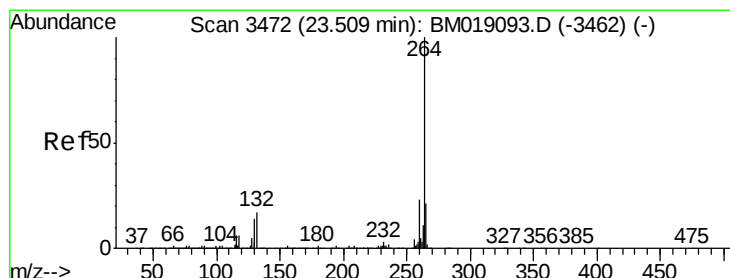
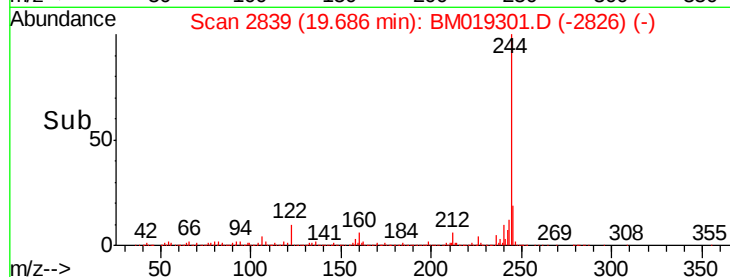
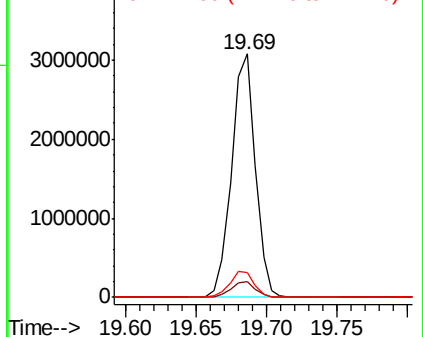


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019301.D

Acq: 21 Mar 2019 21:33

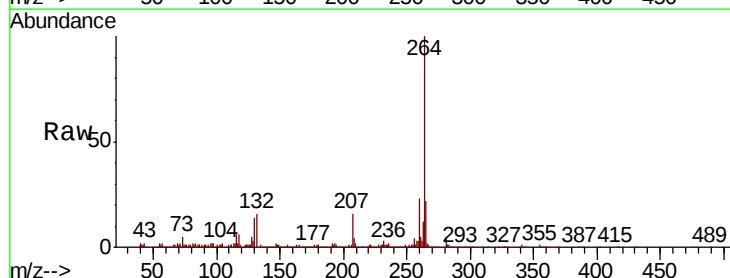
Tgt Ion:264 Resp: 959039

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.9 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

