

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018857.D
 Acq On : 19 Feb 2019 15:22
 Operator : JU/SJ
 Sample : K1515-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 17:03:10 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

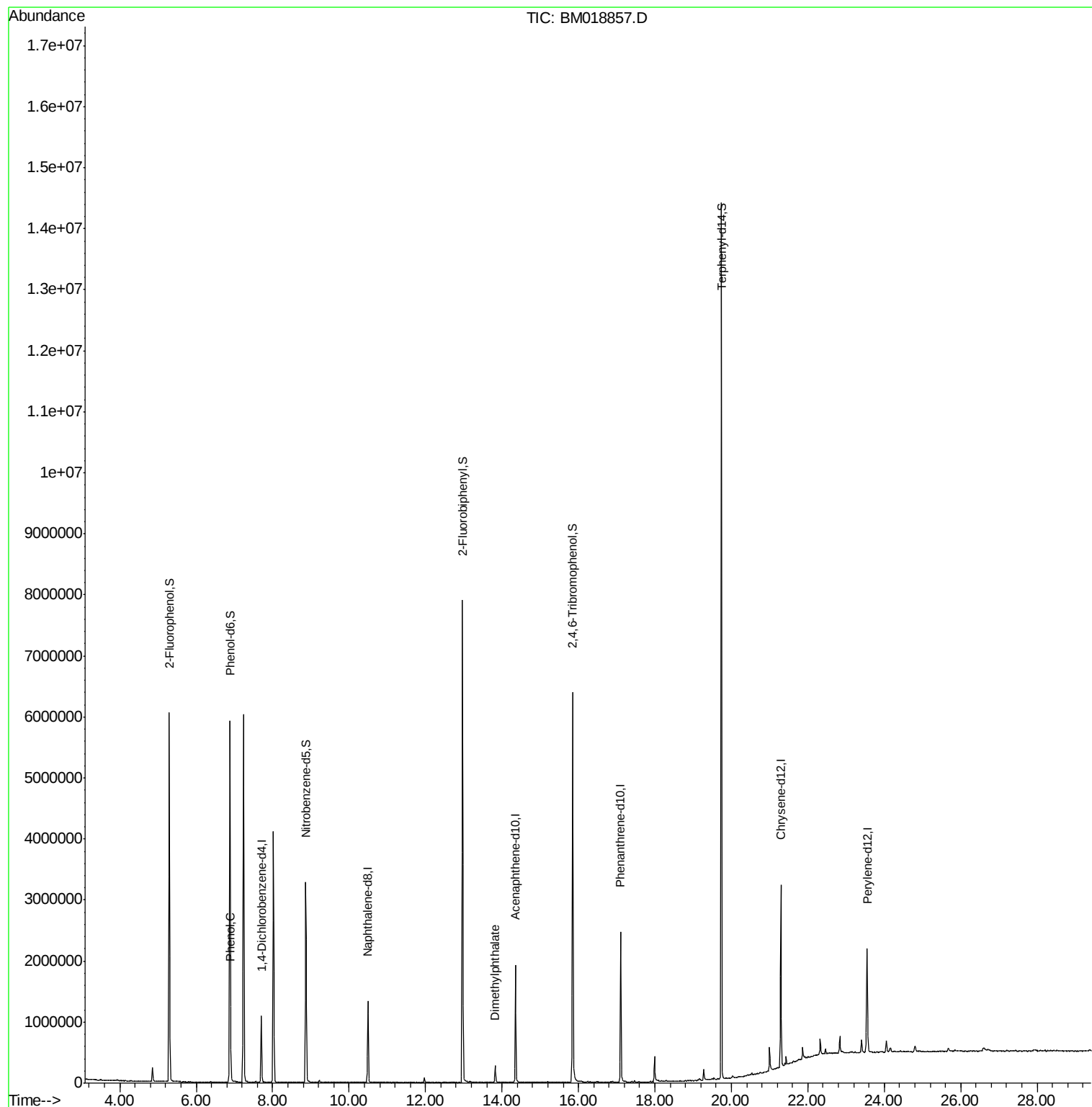
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	273070	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1095497	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	598404	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1329502	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1301991	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1163693	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2379837	142.79	ng	0.00
7) Phenol-d6	6.88	99	3245237	138.22	ng	0.00
23) Nitrobenzene-d5	8.87	82	2104810	88.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1109109	128.58	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3799712	84.29	ng	-0.01
79) Terphenyl-d14	19.74	244	5643873	89.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	7709	Below Cal		Qvalue # 16
10) Phenol	6.90	94	86684	3.509	ng	87
50) Dimethylphthalate	13.82	163	200869	4.028	ng	99

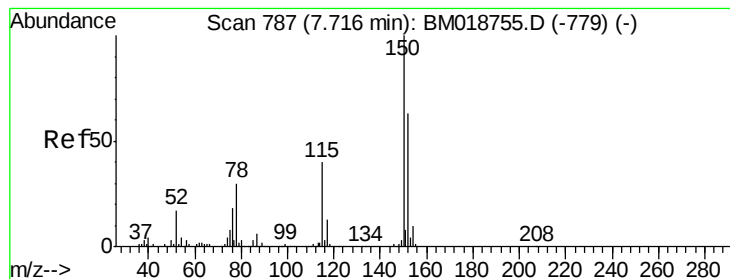
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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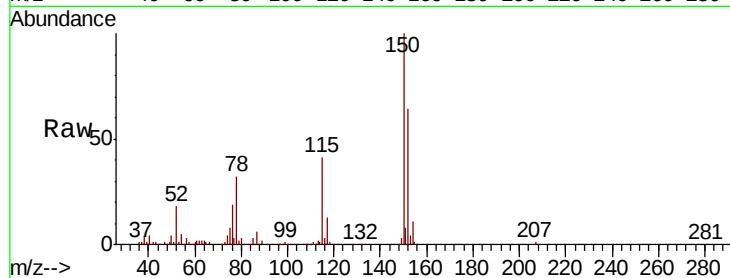


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.3	190.9
115	64.5	50.8	76.2

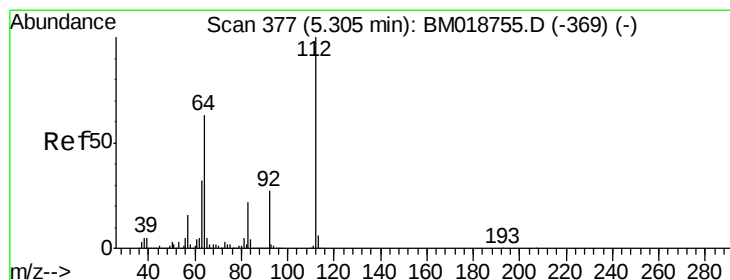
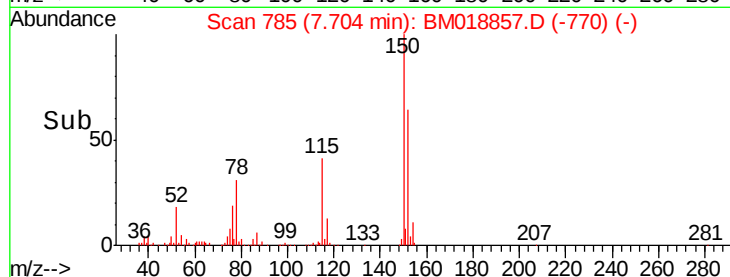
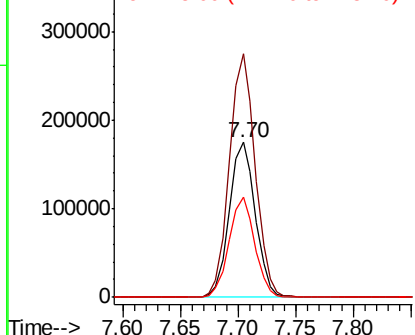


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

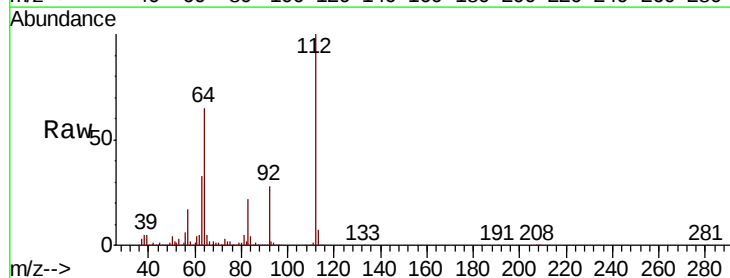
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 142.795 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	50.6	75.8
63	33.4	25.7	38.5

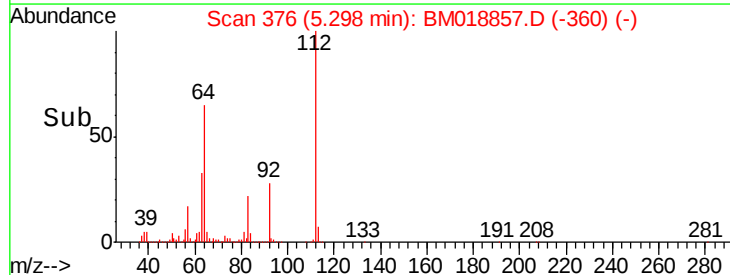
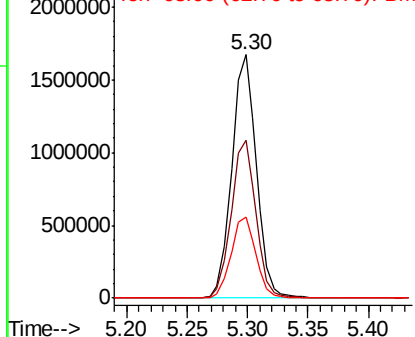


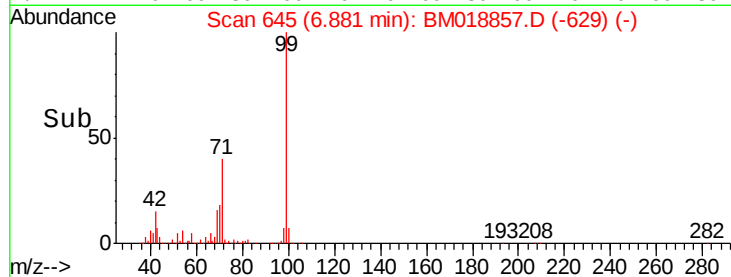
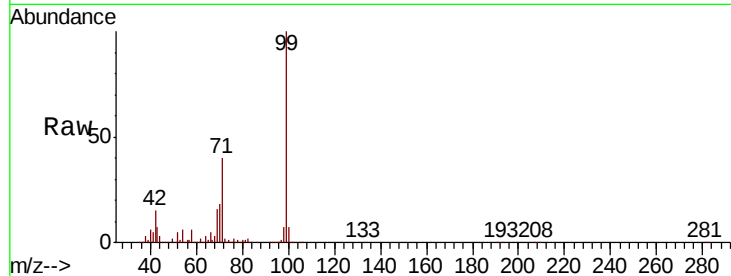
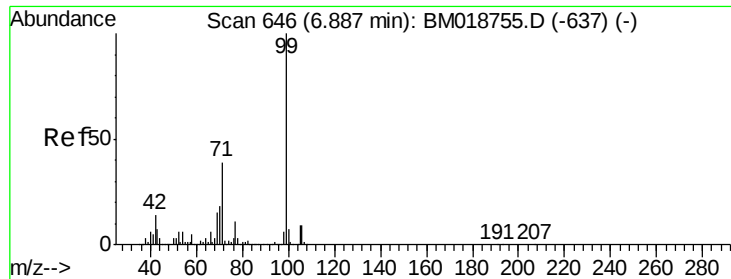
Abundance

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: 138.222 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

Instrument :

BNA_M

ClientSampled :

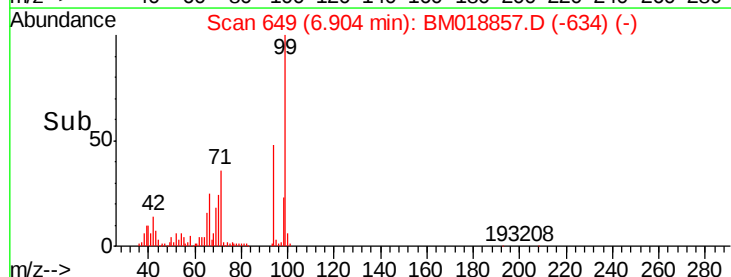
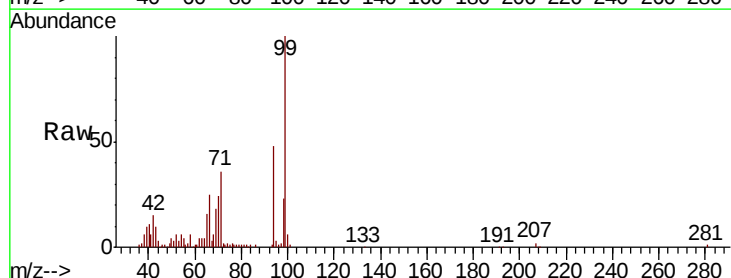
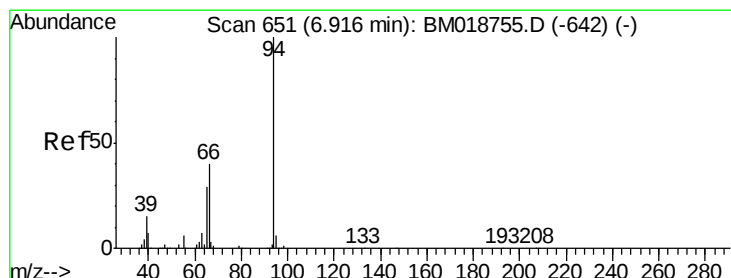
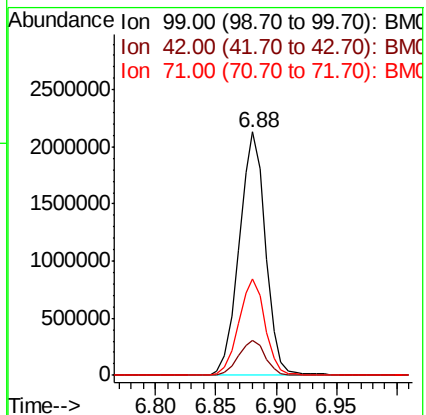
Tot Ion: 99 Resp: 3245237

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.6

71 39.8 31.3 46.9



#10

Phenol

Concen: 3.509 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

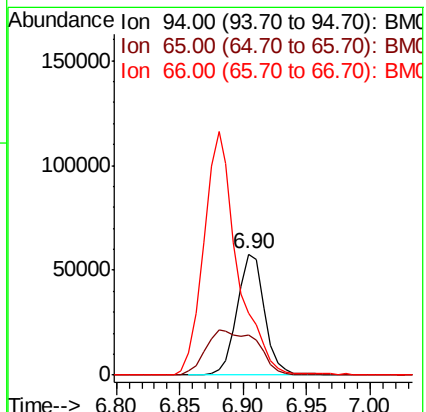
Tgt Ion: 94 Resp: 86684

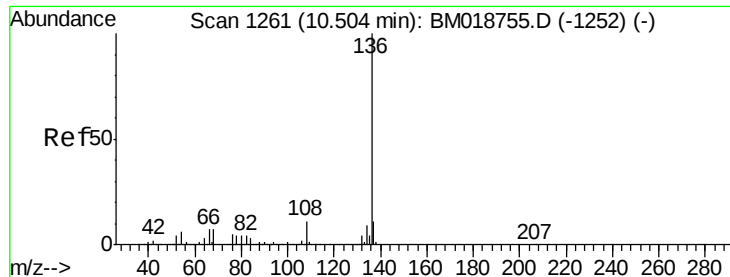
Ion Ratio Lower Upper

94 100

65 33.6 9.6 49.6

66 51.5 20.4 60.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

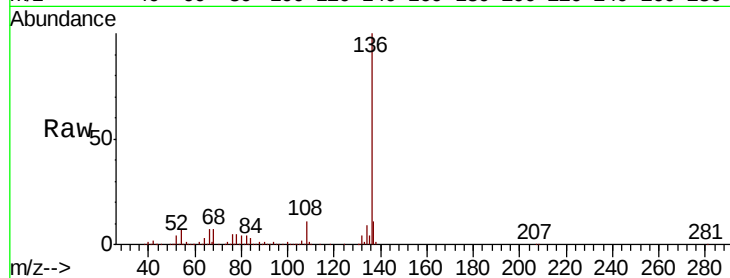
Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1095497

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.0	7.6
68	7.2	5.5	8.3

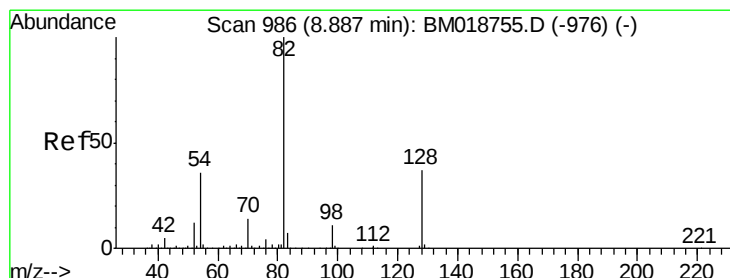
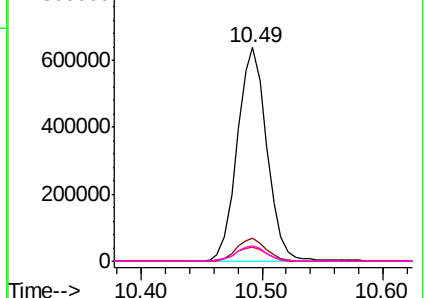
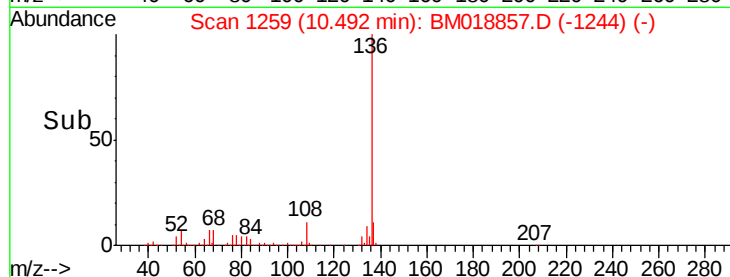


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.840 ng

RT: 8.87 min Scan# 983

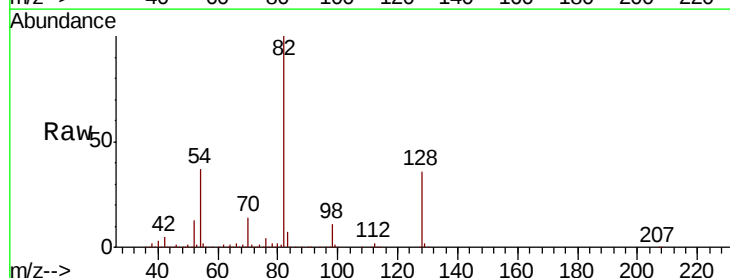
Delta R.T. -0.02 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

Tgt Ion: 82 Resp: 2104810

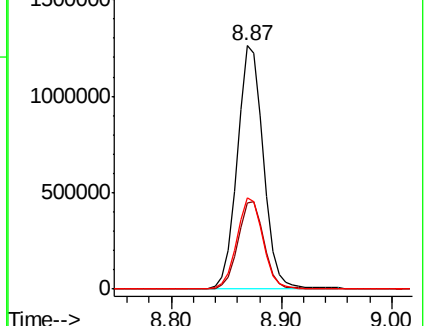
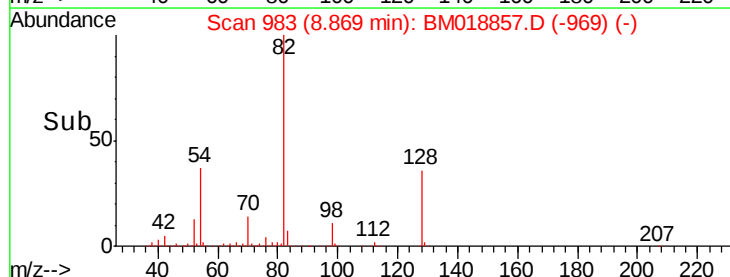
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.9	44.9
54	37.4	29.1	43.7

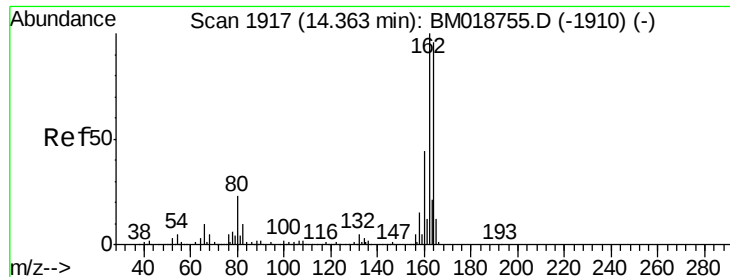


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

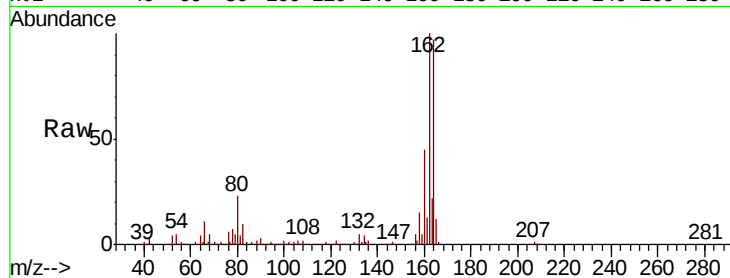




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	46.9	36.6	55.0

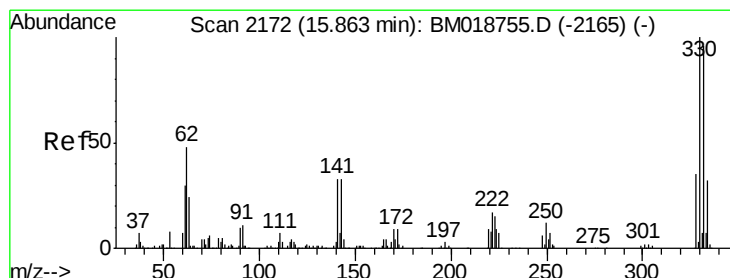
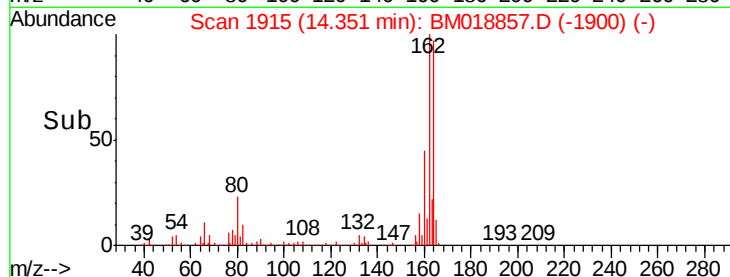
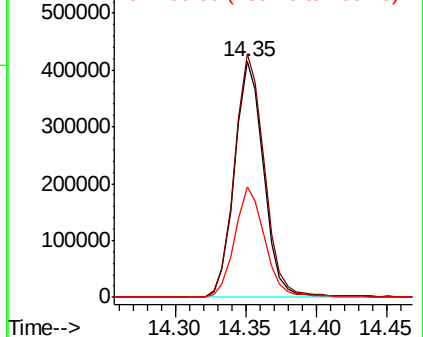


Abundance

Ion 164.00 (163.70 to 164.70): E

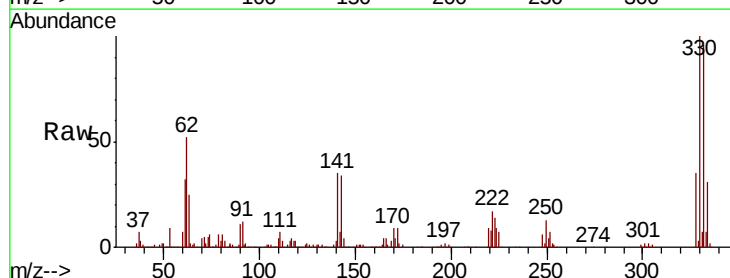
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 128.580 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.7	28.7	43.1

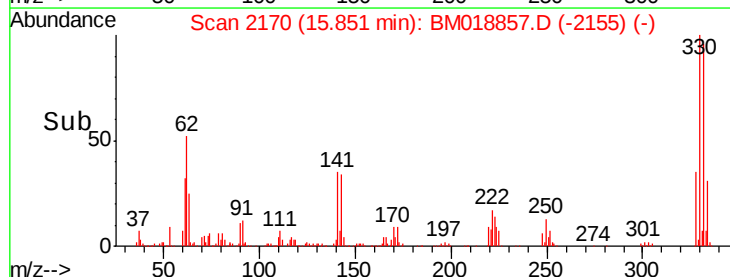
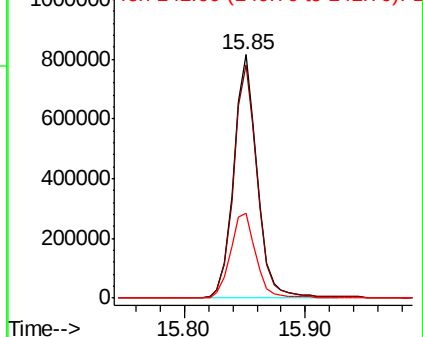


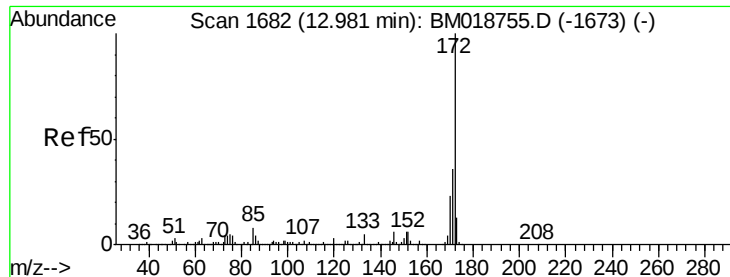
Abundance

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

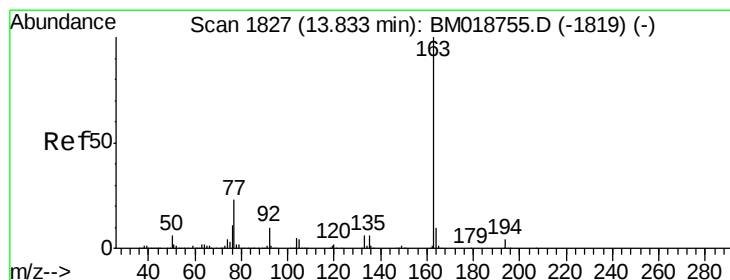
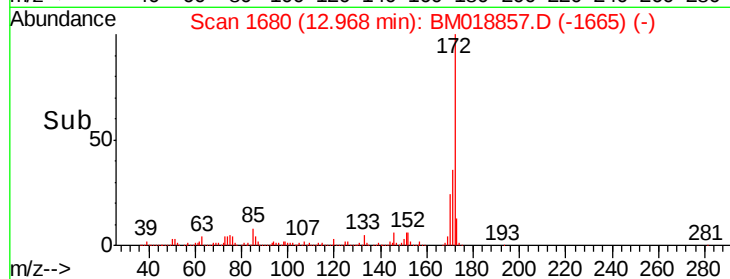
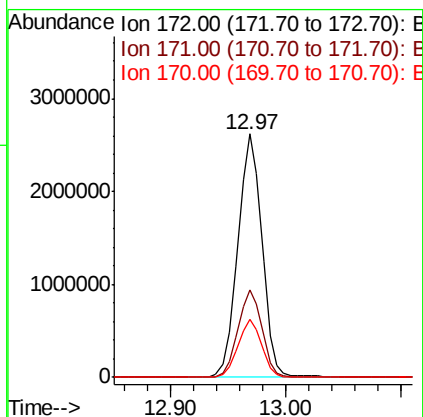
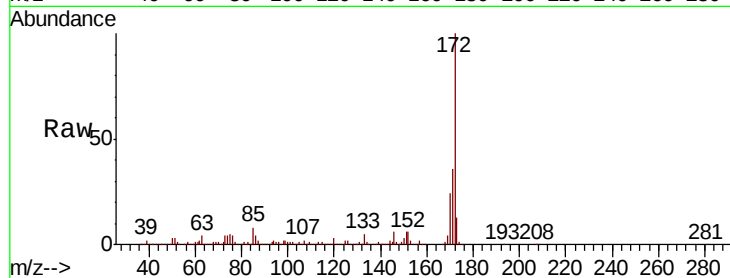




#45
2-Fluorobiphenyl
Concen: 84.291 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

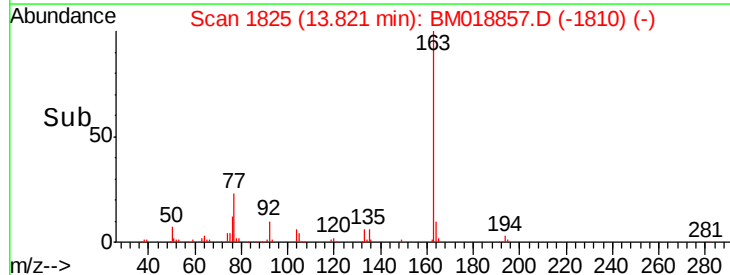
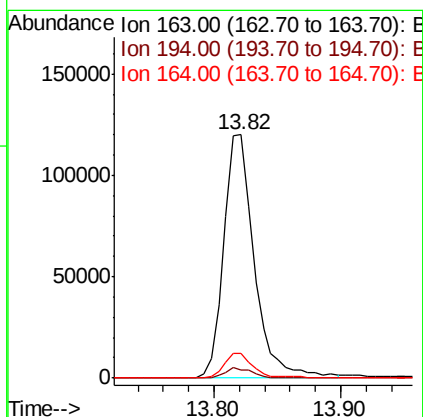
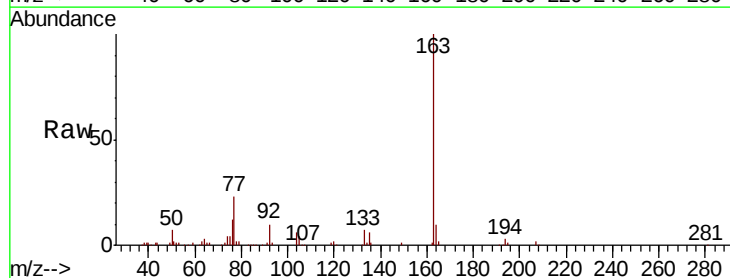
Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3799712
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.9 18.6 28.0



#50
Dimethylphthalate
Concen: 4.028 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:163 Resp: 200869
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 10.1 7.8 11.8

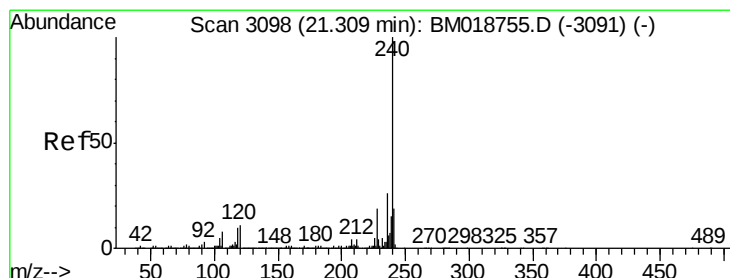
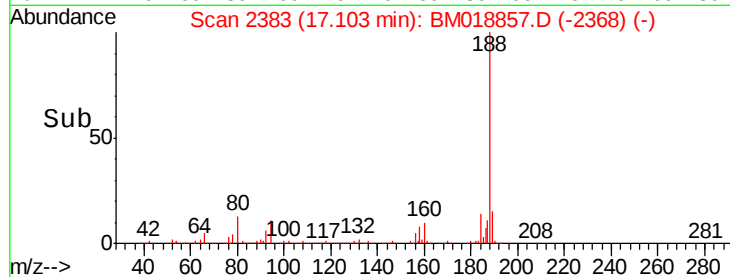
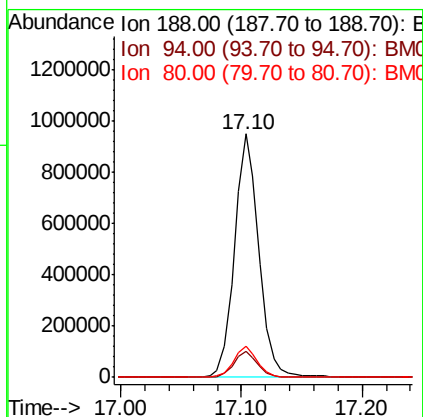
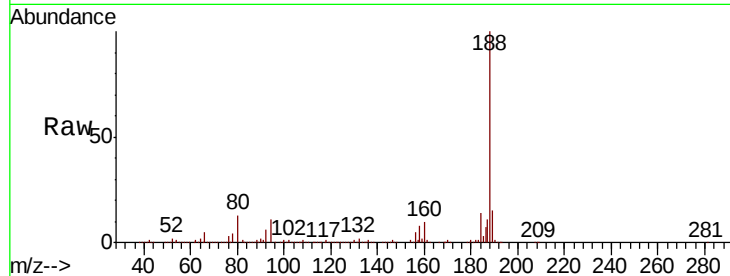




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

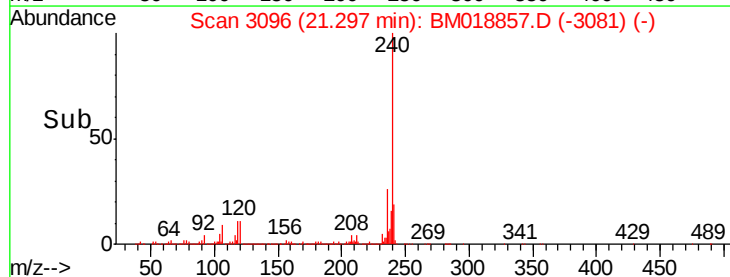
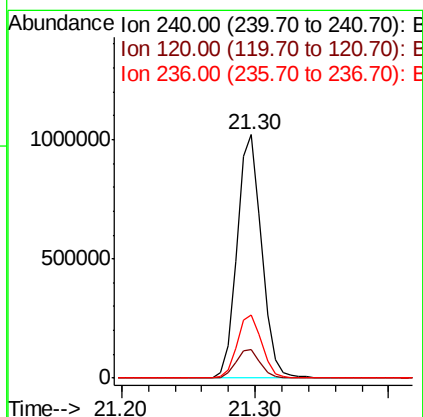
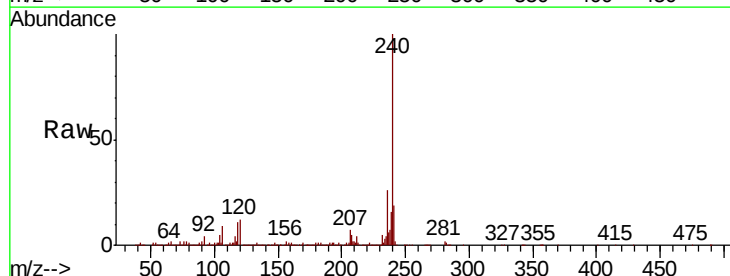
Instrument :
BNA_M
ClientSampleId :

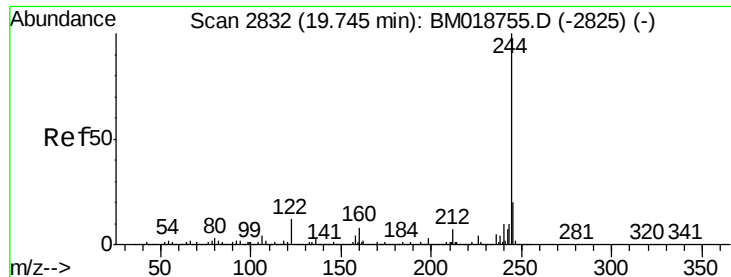
Tot Ion:188 Resp: 1329502
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.5 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:240 Resp: 1301991
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 89.422 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

Instrument :

BNA_M

ClientSampleId :

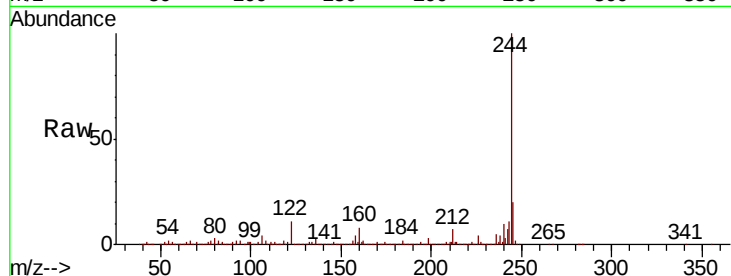
Tot Ion:244 Resp: 5643873

Ion Ratio Lower Upper

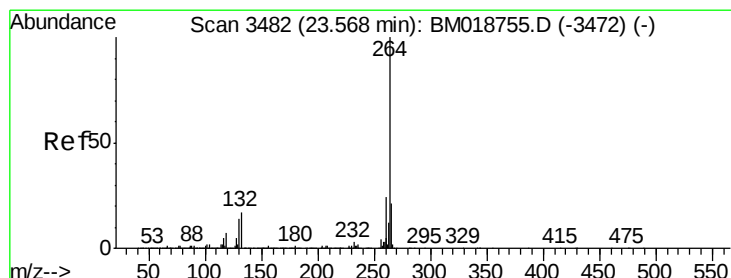
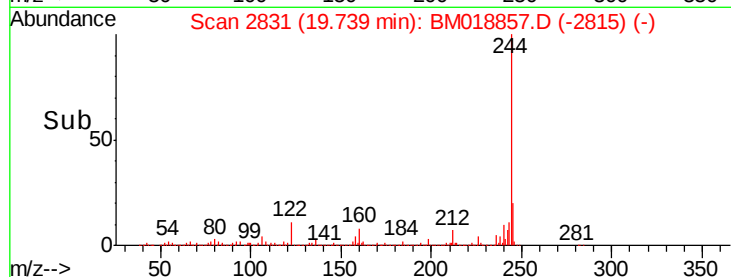
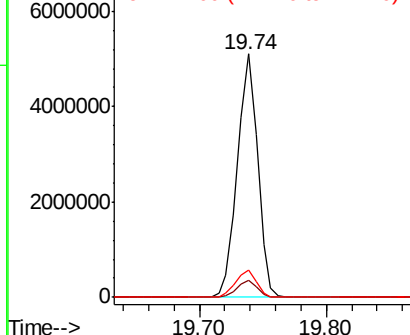
244 100

212 7.1 5.6 8.4

122 11.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018857.D

Acq: 19 Feb 2019 15:22

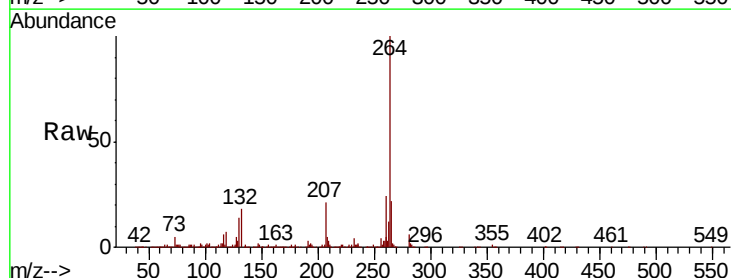
Tgt Ion:264 Resp: 1163693

Ion Ratio Lower Upper

264 100

260 23.7 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

