

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
 Data File : BM018222.D
 Acq On : 16 Dec 2018 12:24
 Operator : JU/SJ
 Sample : J6377-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD005-0006-01

Quant Time: Dec 17 03:54:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

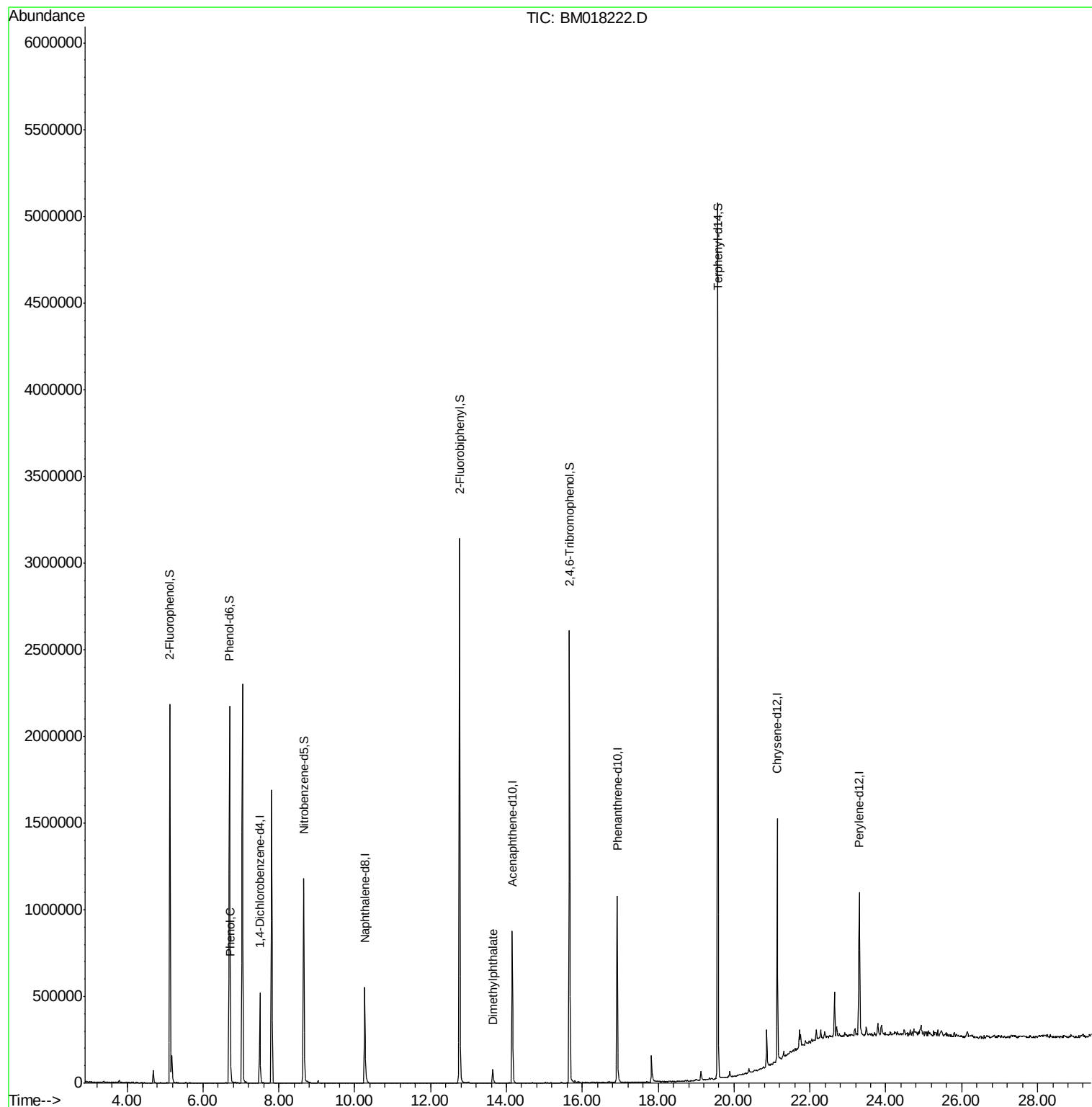
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	132143	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	524823	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	303076	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	663099	20.00	ng	0.00
76) Chrysene-d12	21.14	240	658133	20.00	ng	0.00
87) Perylene-d12	23.30	264	589309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	867575	109.67	ng	0.00
7) Phenol-d6	6.70	99	1199329	109.08	ng	0.00
23) Nitrobenzene-d5	8.66	82	727083	71.06	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	459728	103.35	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1633029	69.79	ng	0.00
79) Terphenyl-d14	19.57	244	2300070	79.04	ng	0.00
Target Compounds						
10) Phenol	6.72	94	66304	5.694	ng	97
50) Dimethylphthalate	13.64	163	67535	2.680	ng	# 96

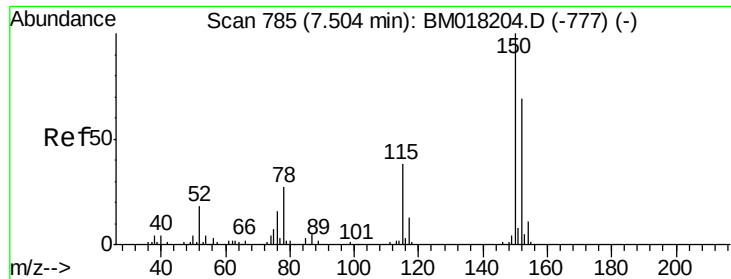
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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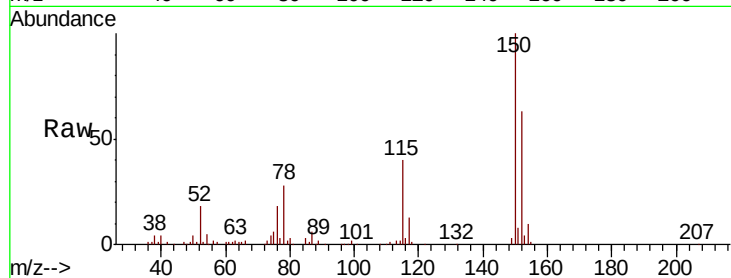


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

Instrument :
BNA_M
ClientSampleId :
P001-SD005-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	116.1	174.1
115	63.9	44.6	67.0

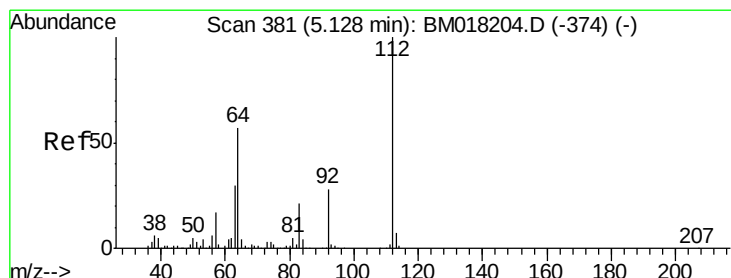
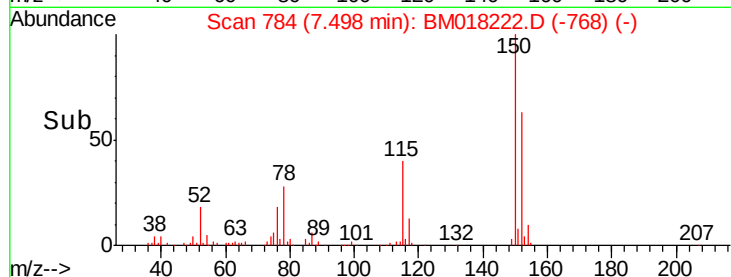
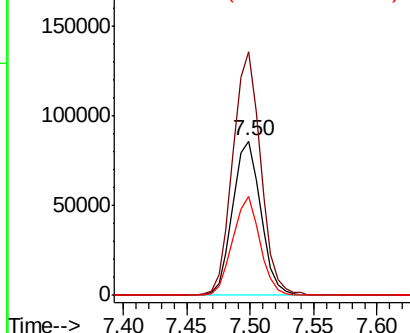


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

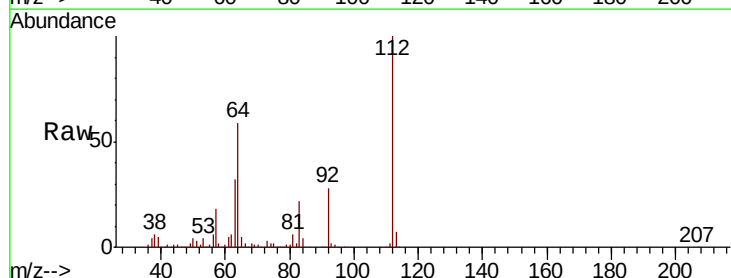
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.674 ng
RT: 5.13 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.4	68.2
63	32.1	24.0	36.0

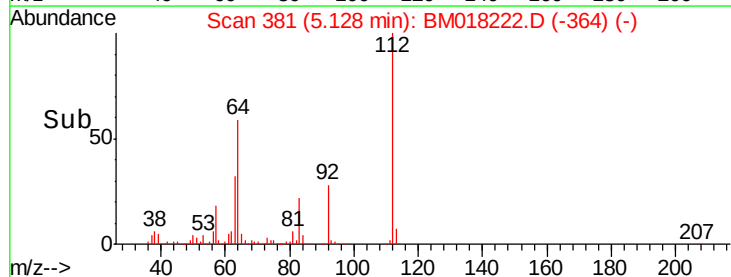
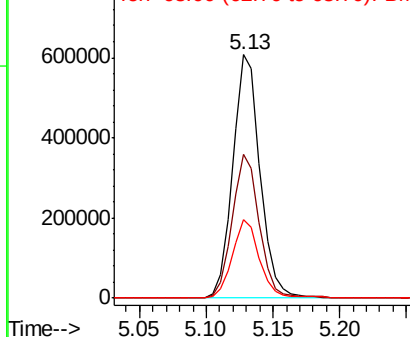


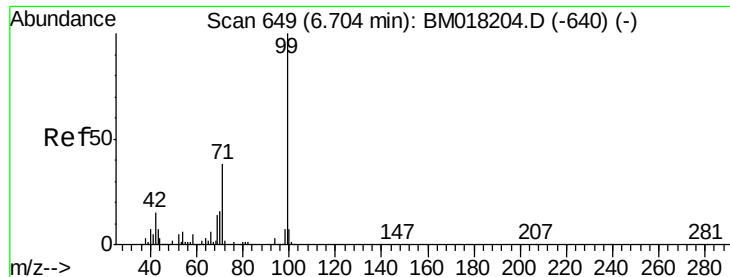
Abundance

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: 109.080 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

Instrument :

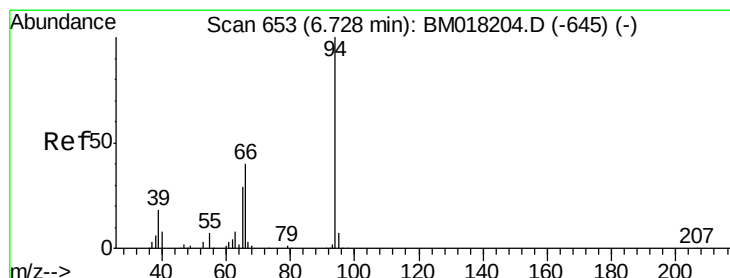
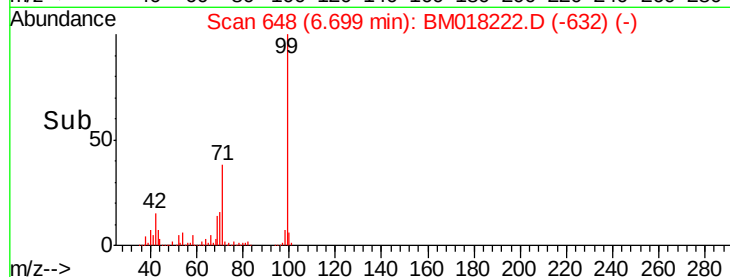
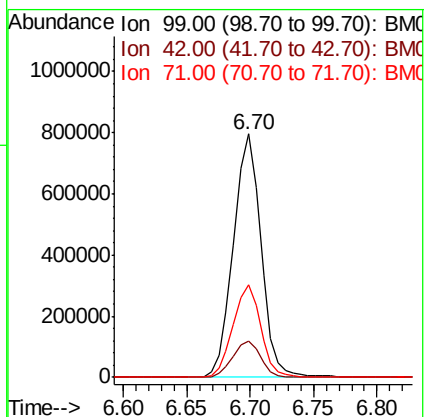
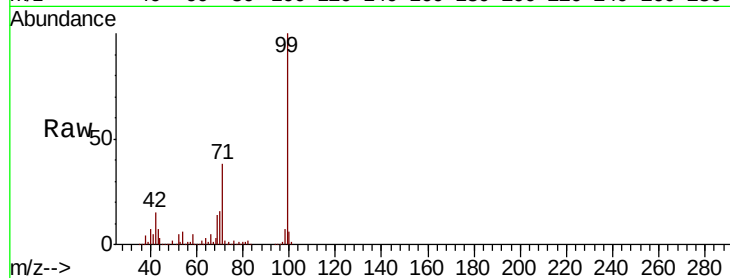
BNA_M

ClientSampleId :

P001-SD005-0006-01

Tot Ion: 99 Resp: 1199329

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.3	18.5
71	37.9	30.2	45.2



#10

Phenol

Concen: 5.694 ng

RT: 6.72 min Scan# 652

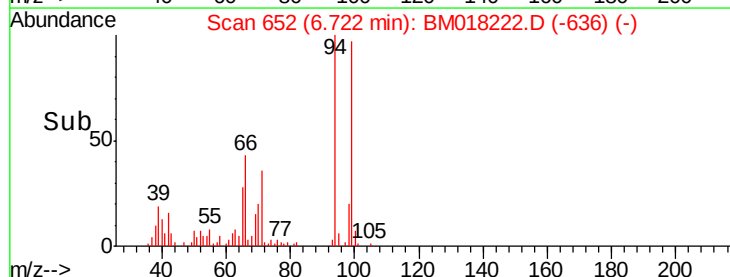
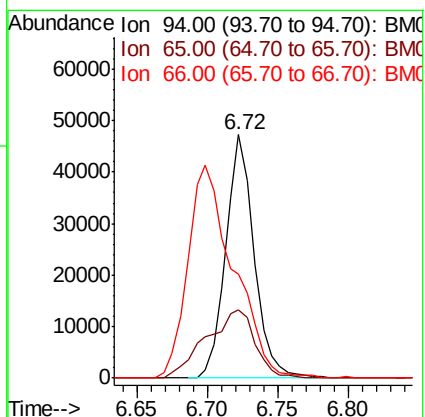
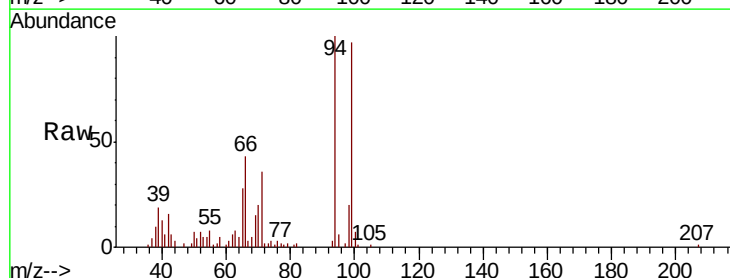
Delta R.T. -0.01 min

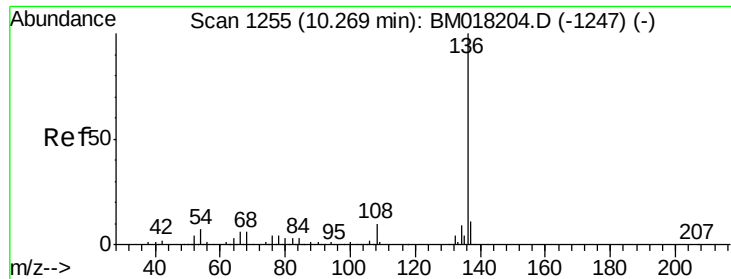
Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

Tgt Ion: 94 Resp: 66304

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.5	49.5
66	43.0	21.3	61.3

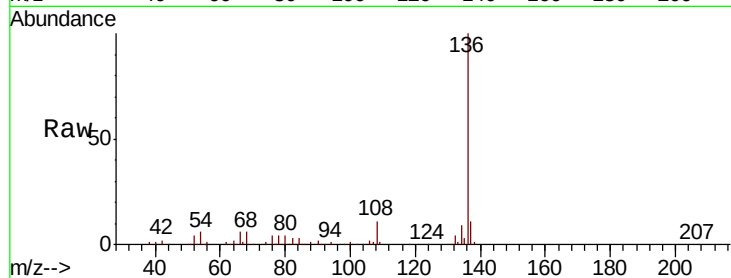




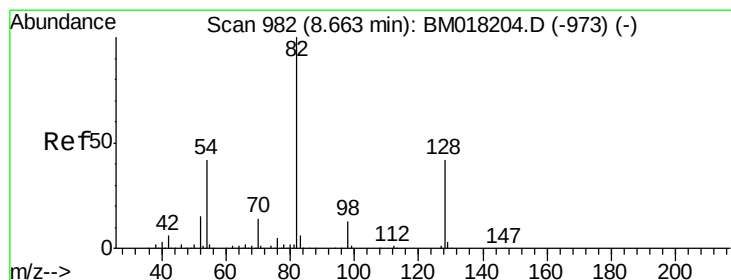
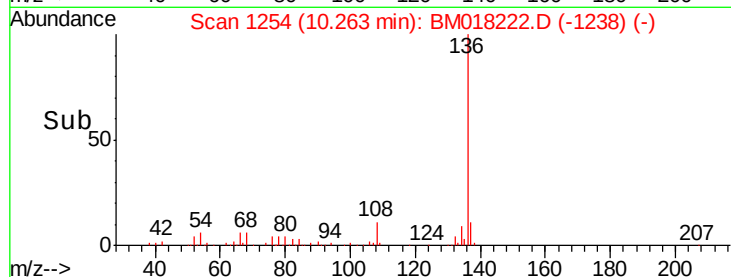
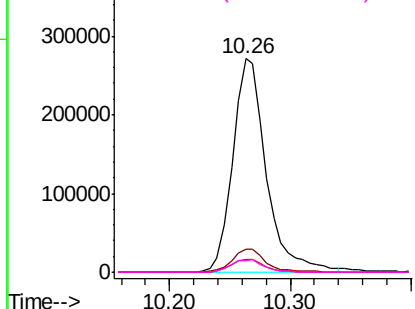
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

Instrument :
BNA_M
ClientSampleId :
P001-SD005-0006-01

Tot Ion:136	Resp:	524823
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	5.7	5.2 7.8
68	5.5	5.0 7.6

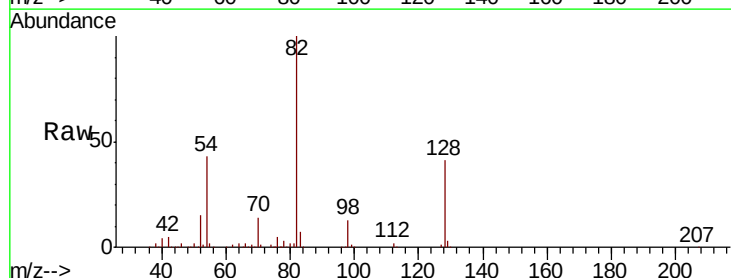


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

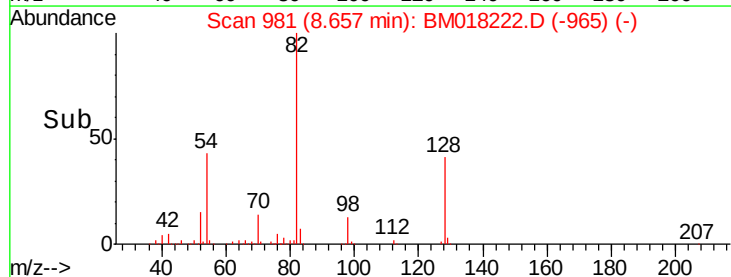
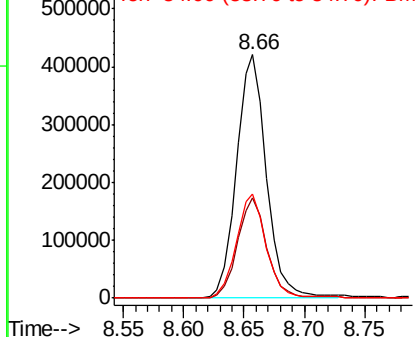


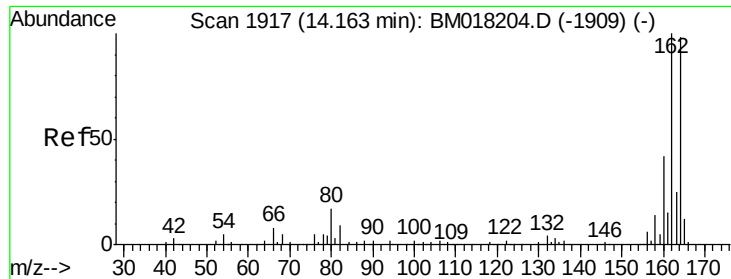
#23
Nitrobenzene-d5
Concen: 71.061 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

Tgt Ion: 82	Resp:	727083
Ion Ratio	Lower	Upper
82	100	
128	41.3	33.4 50.2
54	42.5	33.4 50.2



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: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

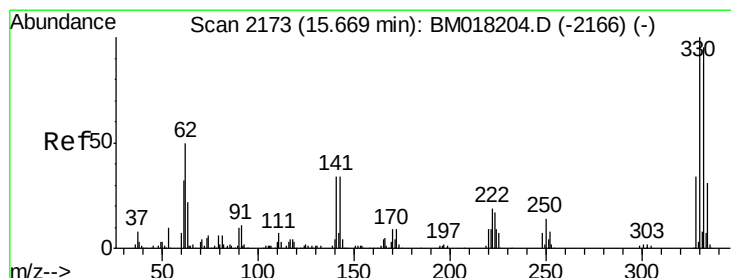
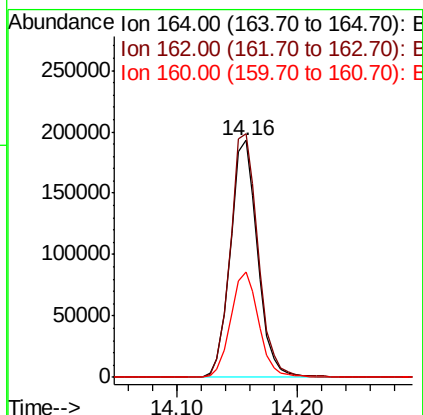
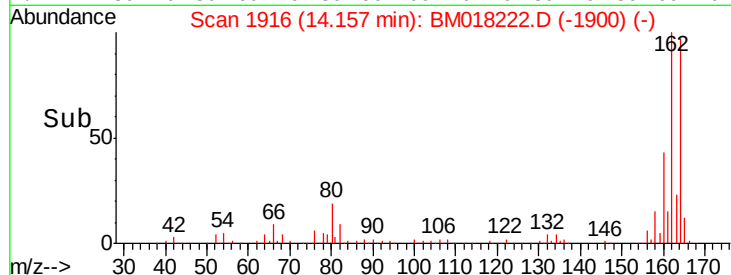
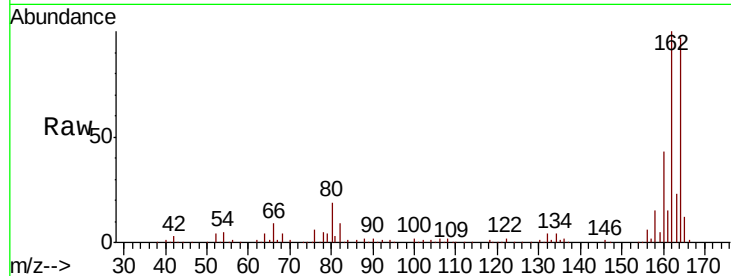
Tot Ion:164 Resp: 303076

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 44.4 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 103.349 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

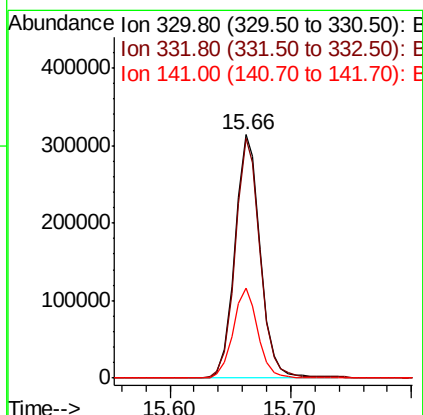
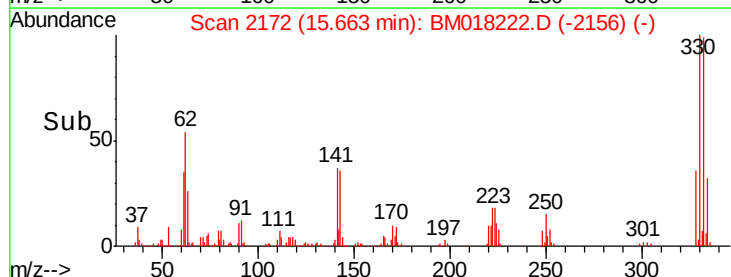
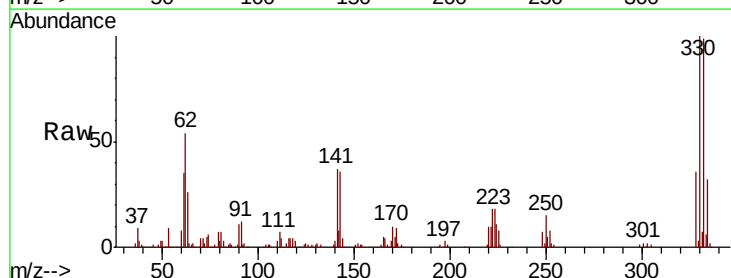
Tgt Ion:330 Resp: 459728

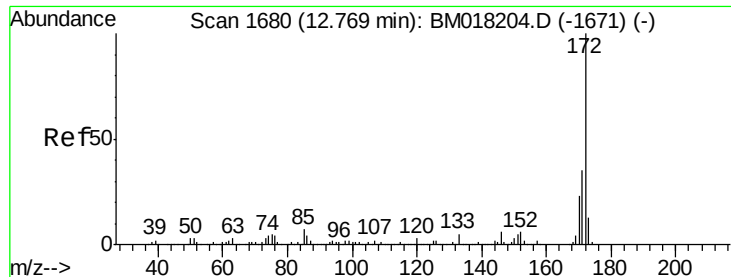
Ion Ratio Lower Upper

330 100

332 96.9 78.6 118.0

141 35.8 27.1 40.7

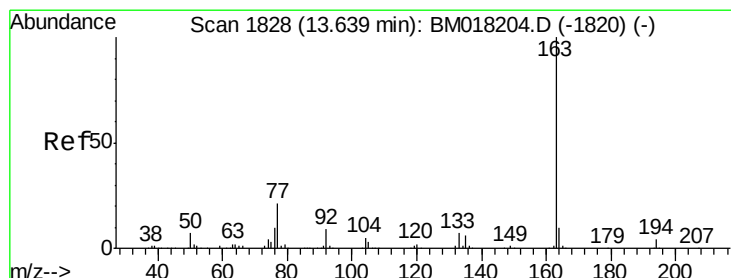
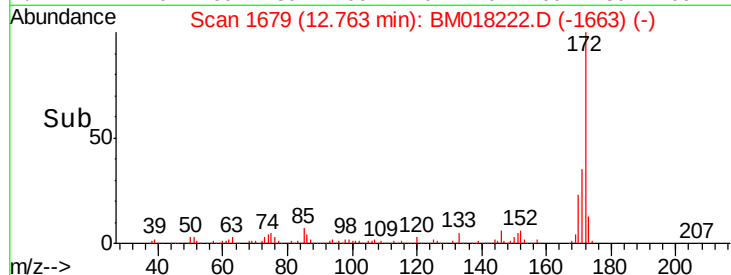
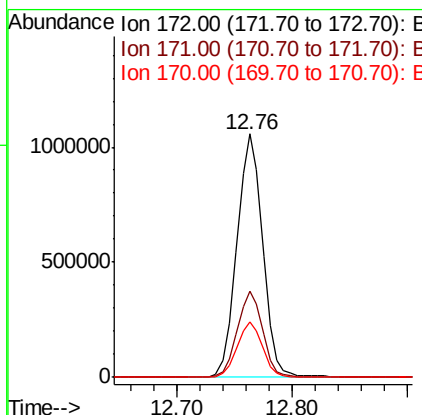
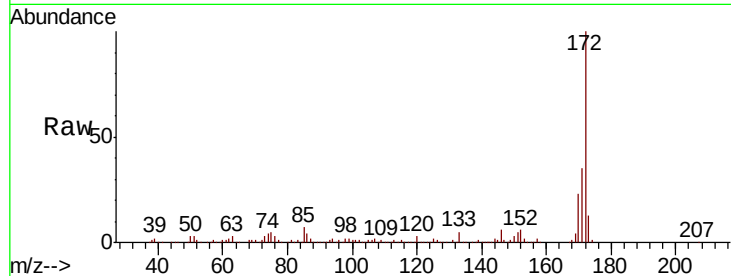




#45
2-Fluorobiphenyl
Concen: 69.790 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

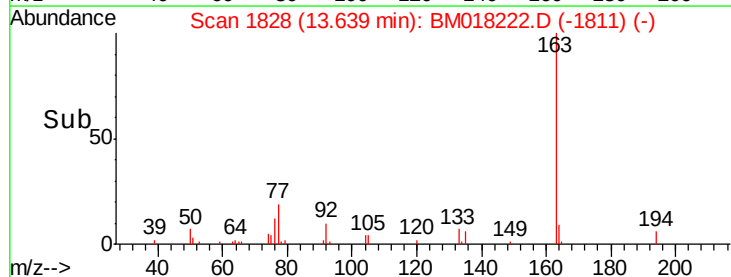
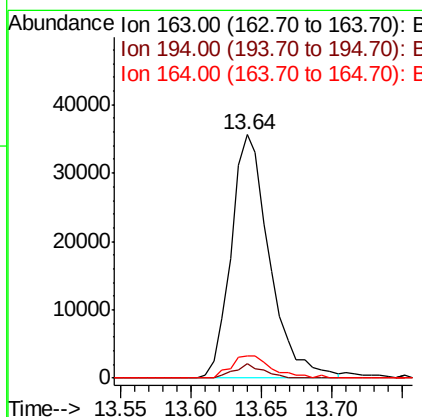
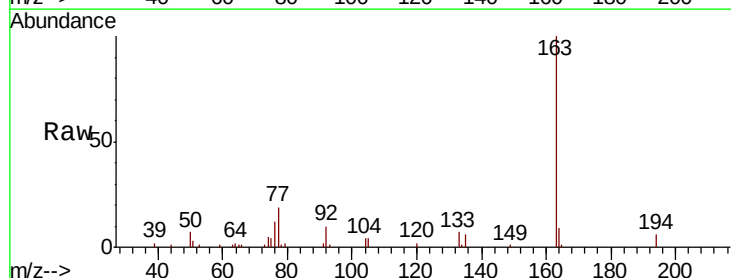
Instrument :
BNA_M
ClientSampleId :
P001-SD005-0006-01

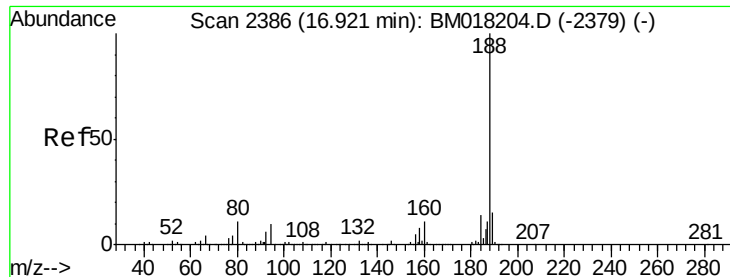
Tot Ion:172 Resp: 1633029
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.0 18.1 27.1



#50
Dimethylphthalate
Concen: 2.680 ng
RT: 13.64 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM018222.D
Acq: 16 Dec 2018 12:24

Tgt Ion:163 Resp: 67535
Ion Ratio Lower Upper
163 100
194 6.2 3.1 4.7#
164 9.0 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

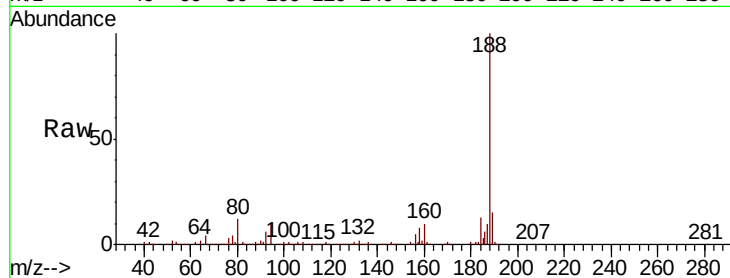
Tot Ion:188 Resp: 663099

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

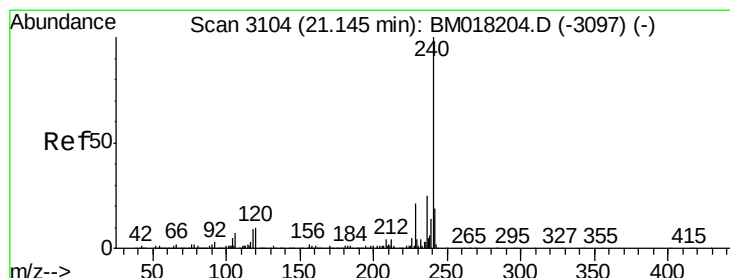
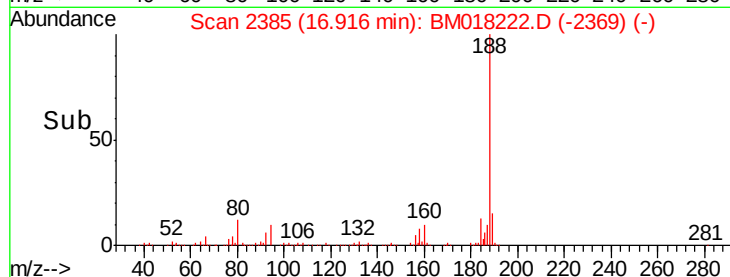
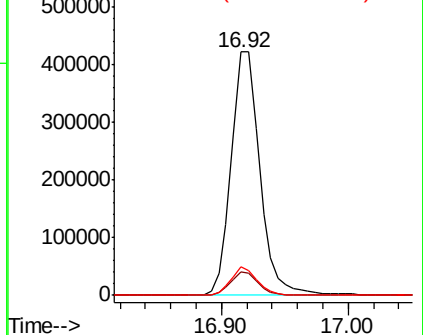
80 11.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

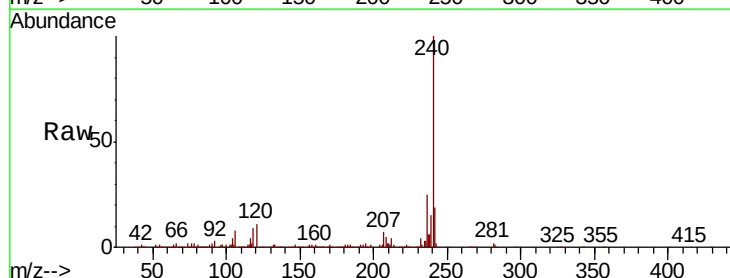
Tgt Ion:240 Resp: 658133

Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

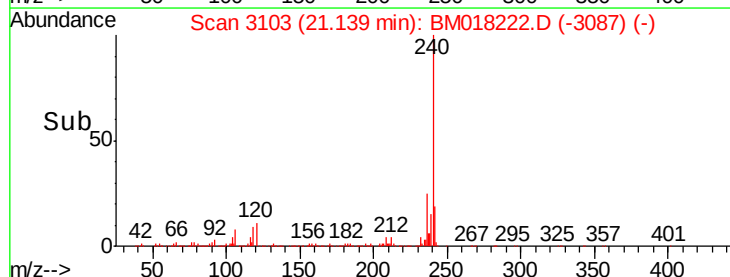
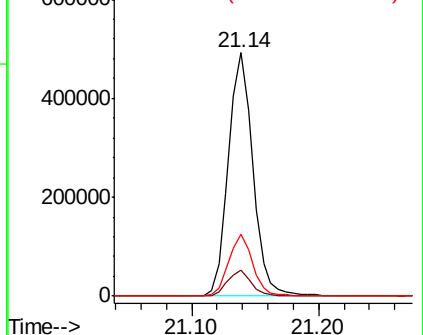
236 25.3 20.3 30.5

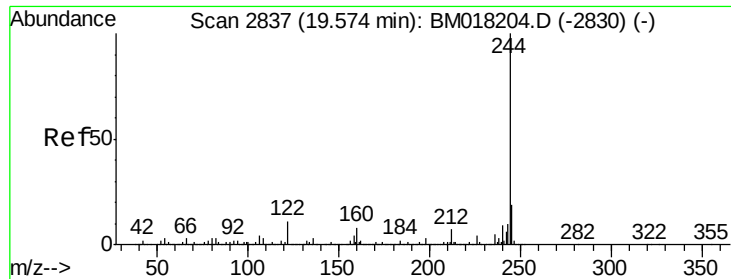


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.041 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

Instrument :

BNA_M

ClientSampleId :

P001-SD005-0006-01

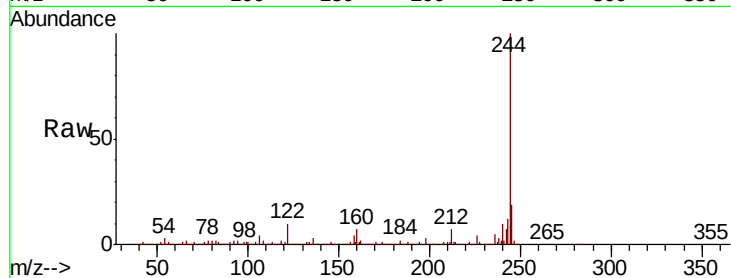
Tot Ion:244 Resp: 2300070

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

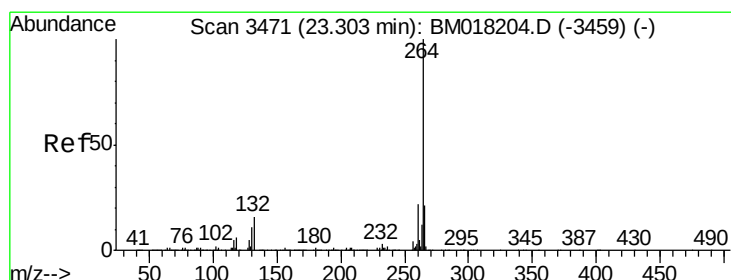
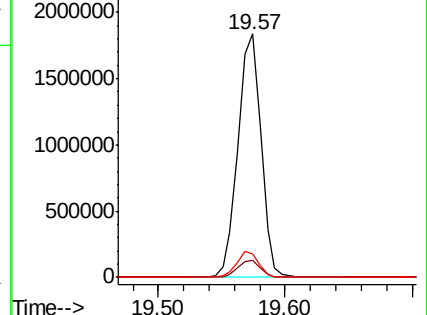
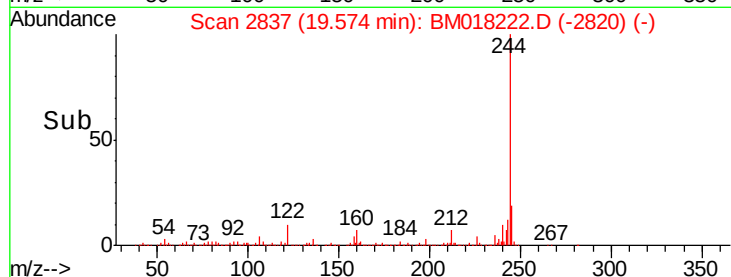
122 9.8 9.0 13.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018222.D

Acq: 16 Dec 2018 12:24

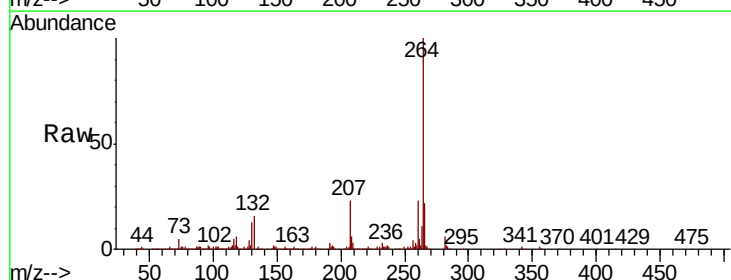
Tgt Ion:264 Resp: 589309

Ion Ratio Lower Upper

264 100

260 22.7 17.5 26.3

265 22.2 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

