

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM018291.D
 Acq On : 19 Dec 2018 10:53
 Operator : JU/SJ
 Sample : J6447-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 13:32:36 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

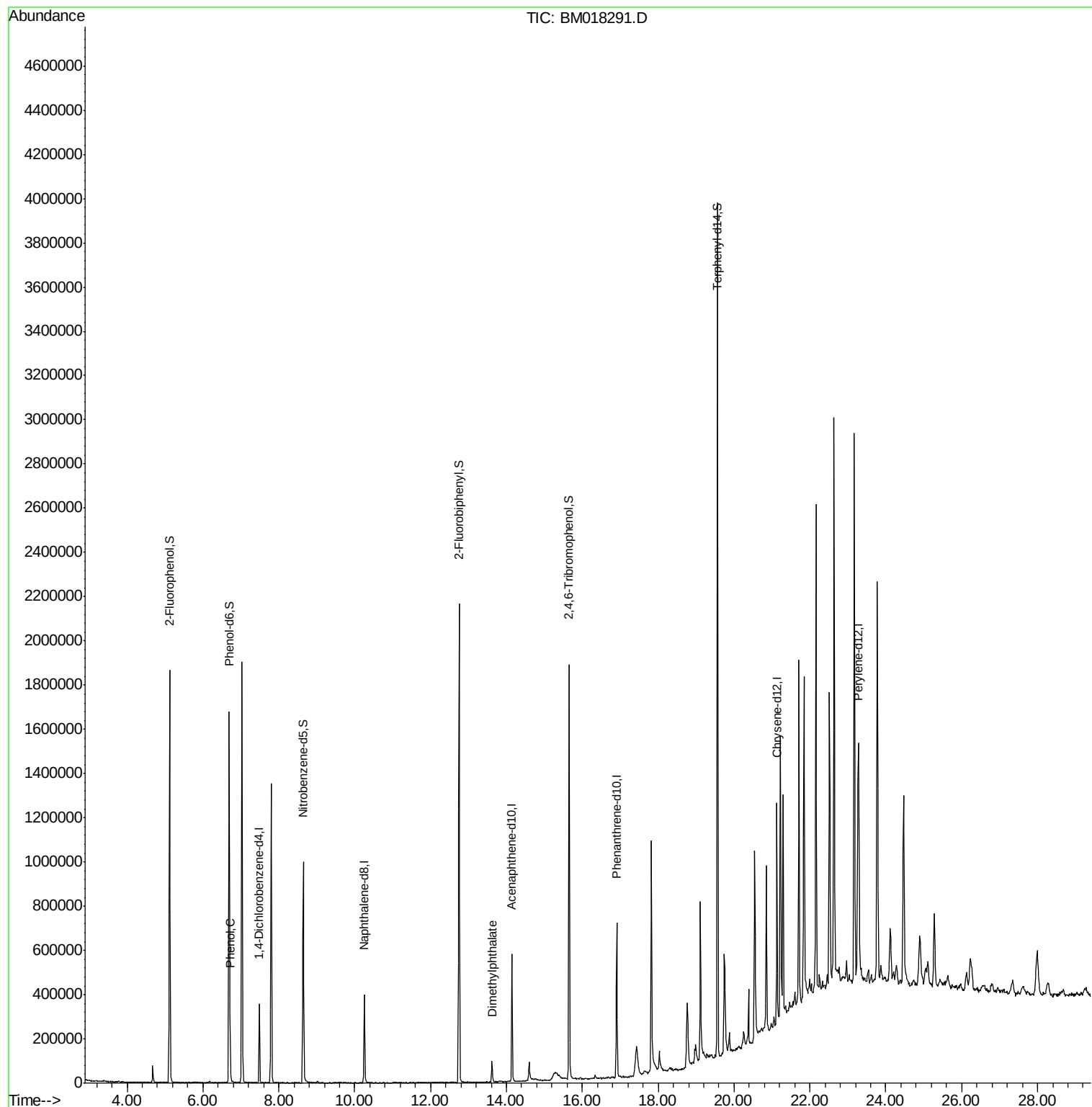
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	87143	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	320839	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	175601	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	401343	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	463396	20.00	ng	-0.02
87) Perylene-d12	23.29	264	514748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	709454	136.00	ng	0.00
7) Phenol-d6	6.69	99	933720	128.78	ng	-0.01
23) Nitrobenzene-d5	8.65	82	594273	95.01	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	311645	120.92	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1055194	77.83	ng	-0.02
79) Terphenyl-d14	19.56	244	1584976	77.36	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	51628	6.723	ng	93
50) Dimethylphthalate	13.62	163	65943	4.517	ng	99

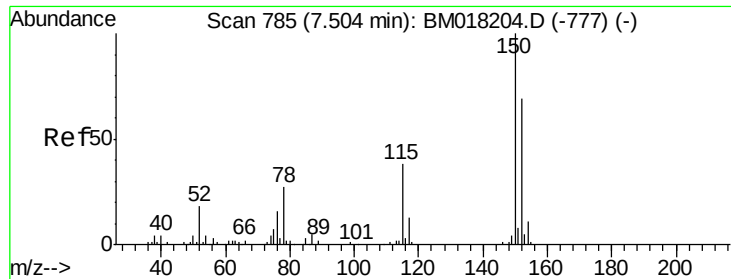
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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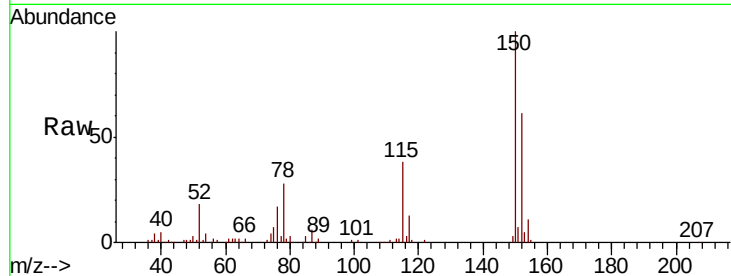


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	87143
Ion Ratio	Lower	Upper	
152	100		
150	164.4	116.1	174.1
115	63.0	44.6	67.0

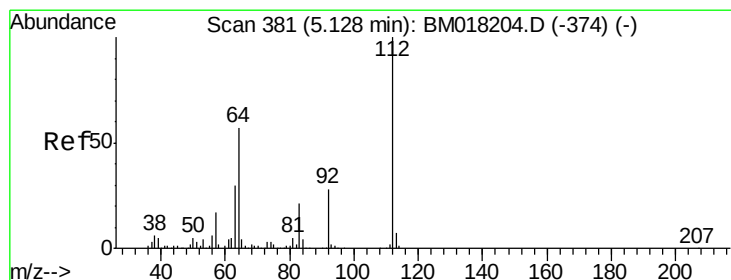
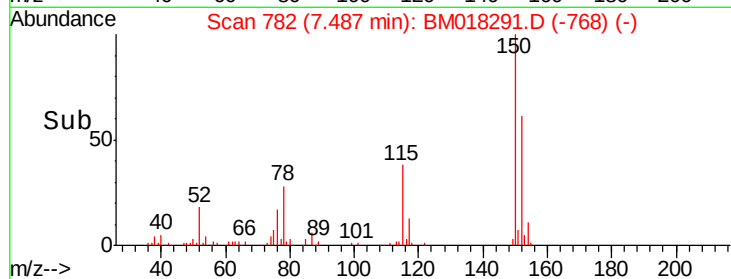
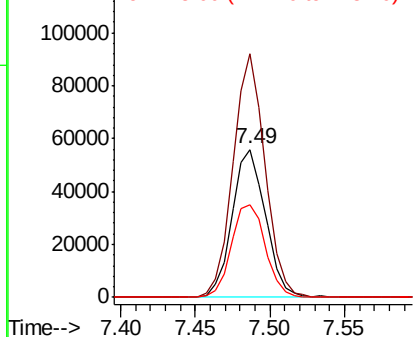


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

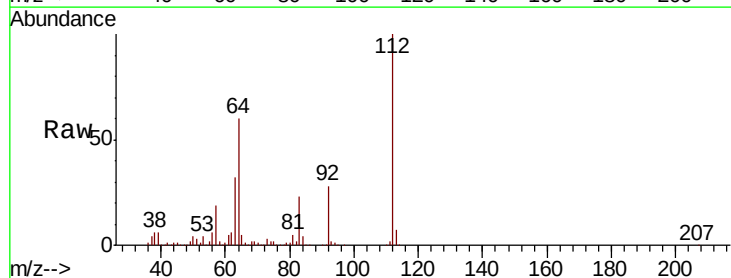
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.999 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Tgt Ion	112	Resp	709454
Ion Ratio	Lower	Upper	
112	100		
64	60.0	45.4	68.2
63	32.2	24.0	36.0

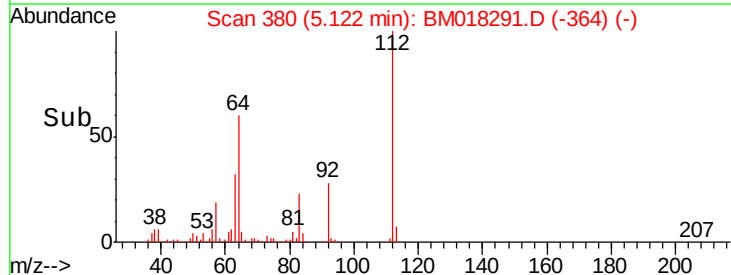
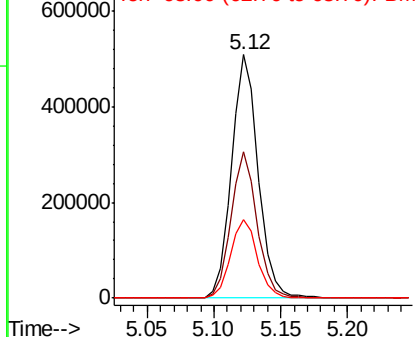


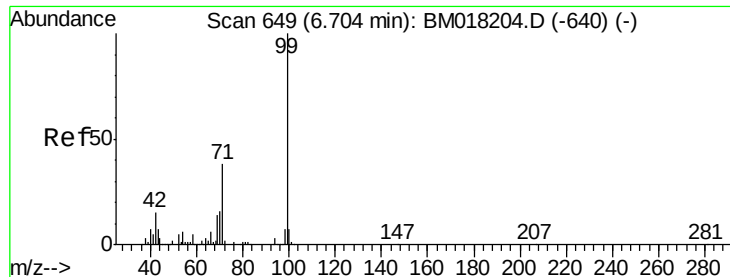
Abundance

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: 128.777 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018291.D

Acq: 19 Dec 2018 10:53

Instrument :

BNA_M

ClientSampleId :

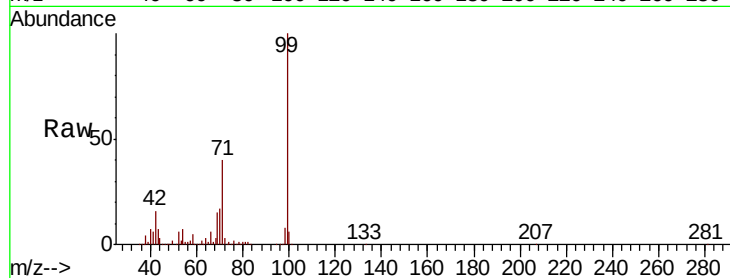
Tot Ion: 99 Resp: 933720

Ion Ratio Lower Upper

99 100

42 16.2 12.3 18.5

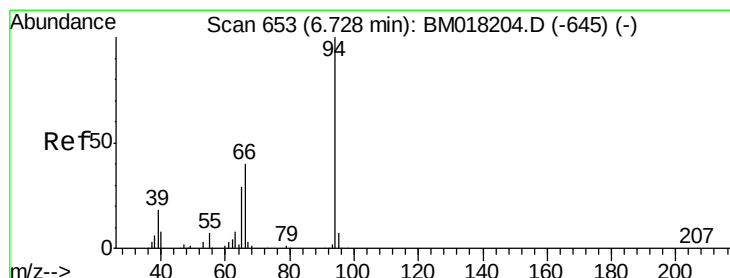
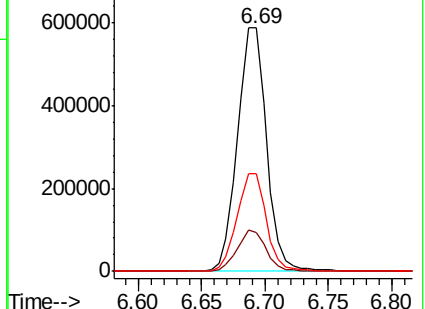
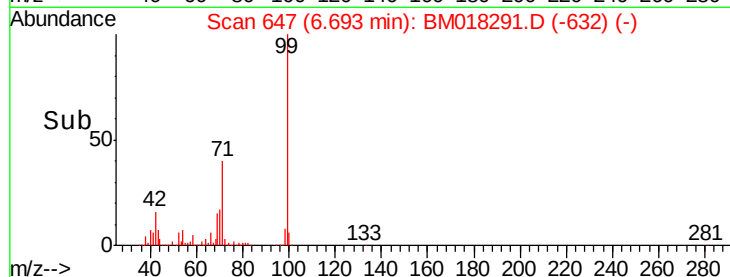
71 40.3 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#10

Phenol

Concen: 6.723 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018291.D

Acq: 19 Dec 2018 10:53

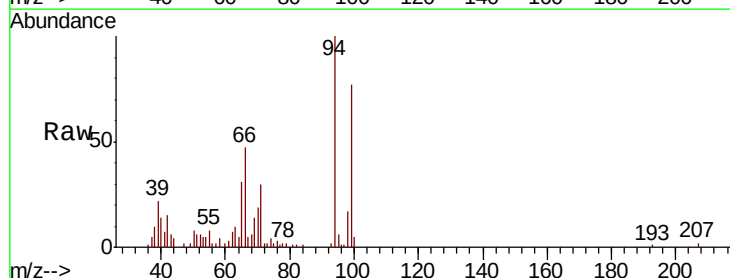
Tgt Ion: 94 Resp: 51628

Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

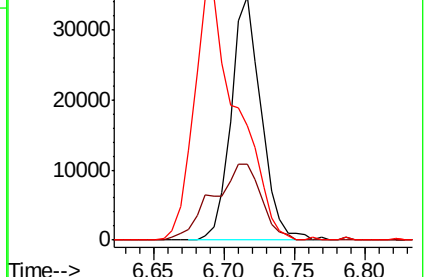
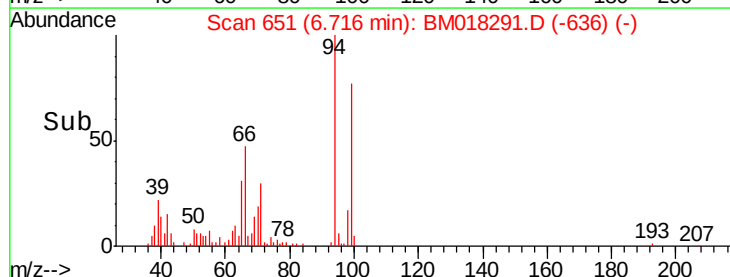
66 46.9 21.3 61.3

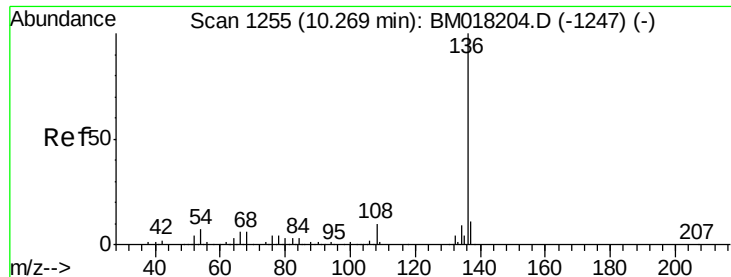


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

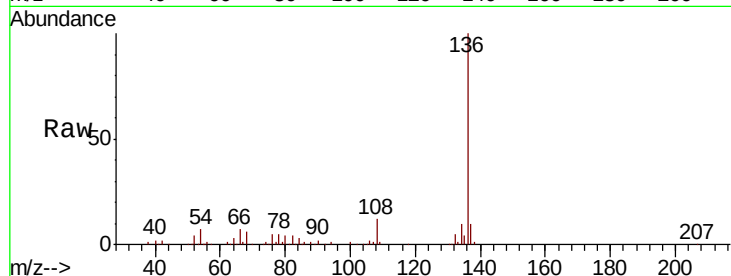




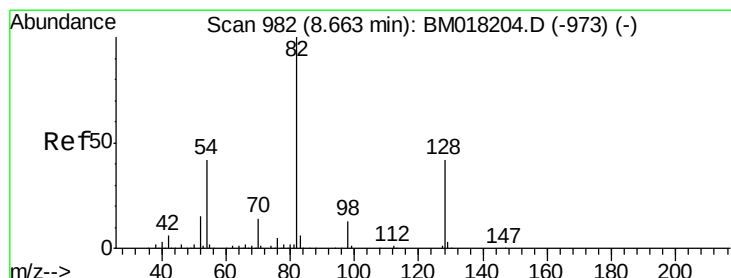
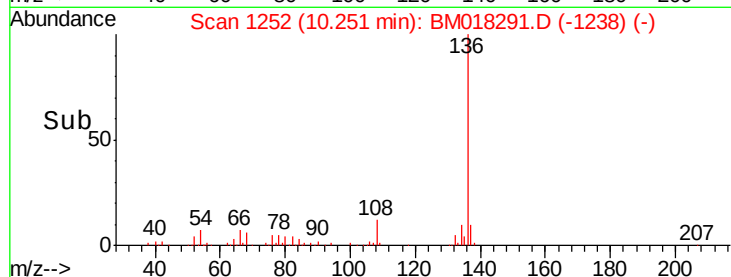
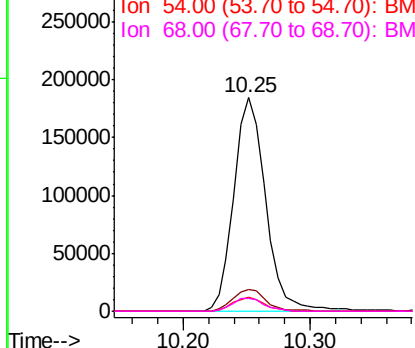
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	320839
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.2 13.8
54	6.8	5.2 7.8
68	6.3	5.0 7.6

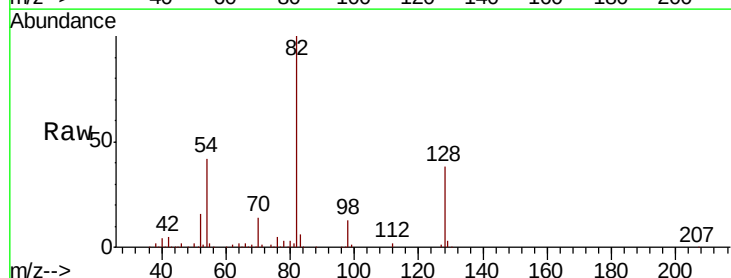


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

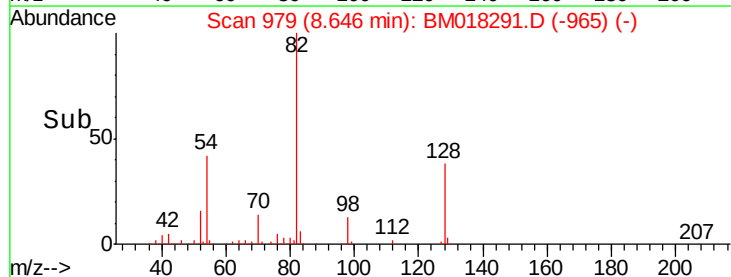
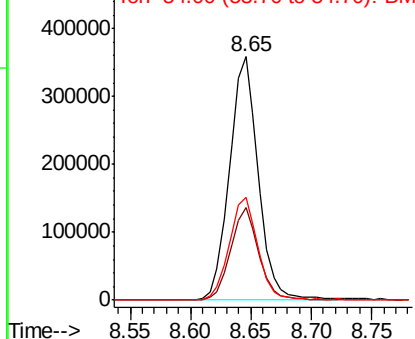


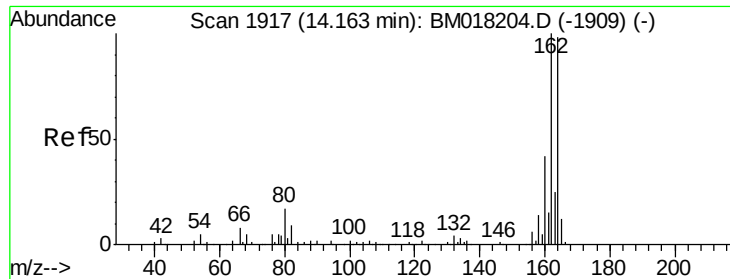
#23
Nitrobenzene-d5
Concen: 95.008 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Tgt Ion: 82	Resp:	594273
Ion	Ratio	Lower Upper
82	100	
128	38.2	33.4 50.2
54	42.0	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

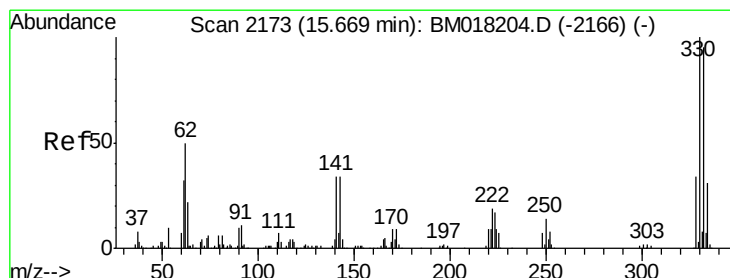
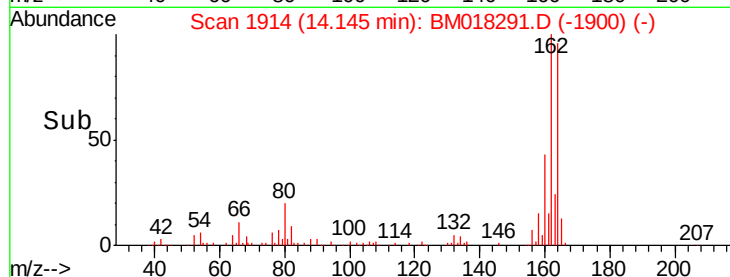
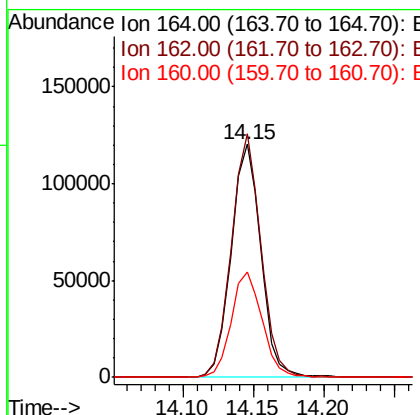
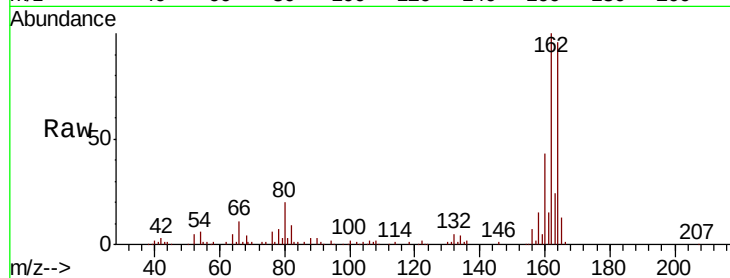




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.15 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018291.D
 Acq: 19 Dec 2018 10:53

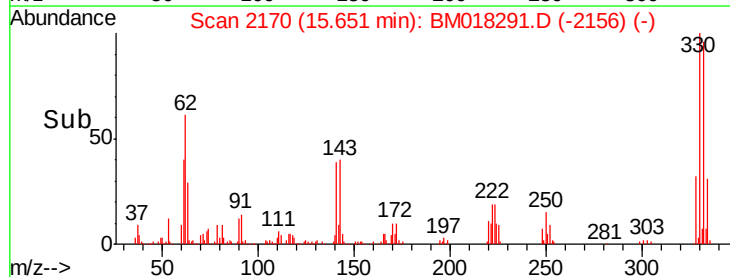
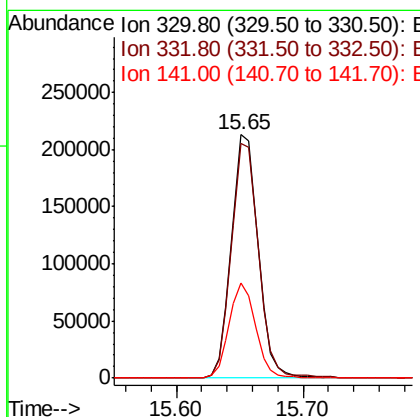
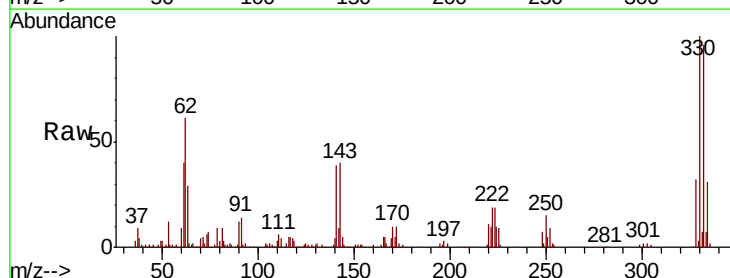
Instrument :
 BNA_M
 ClientSampleId :

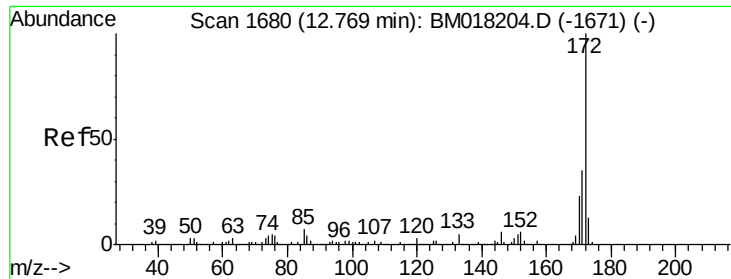
Tot Ion:164 Resp: 175601
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.8 122.6
 160 45.2 34.6 51.8



#42
 2,4,6-Tribromophenol
 Concen: 120.917 ng
 RT: 15.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BM018291.D
 Acq: 19 Dec 2018 10:53

Tgt Ion:330 Resp: 311645
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 118.0
 141 38.6 27.1 40.7



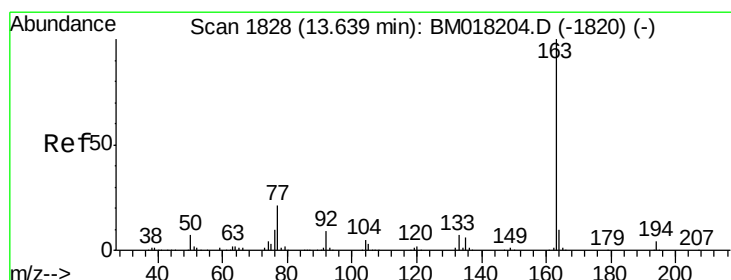
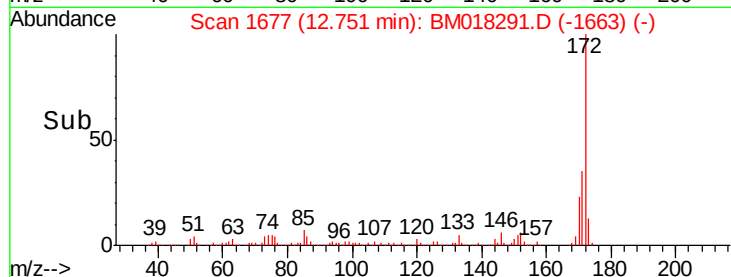
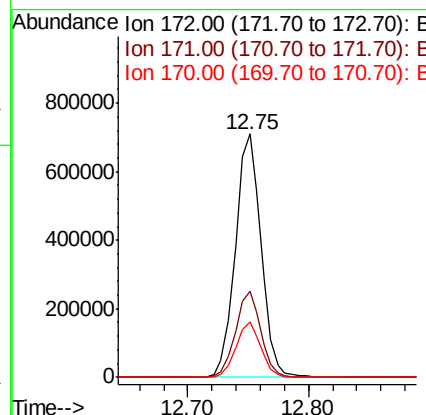
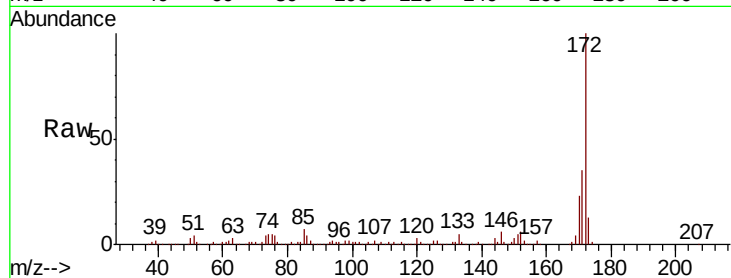


#45
 2-Fluorobiphenyl
 Concen: 77.831 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018291.D
 Acq: 19 Dec 2018 10:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1055194

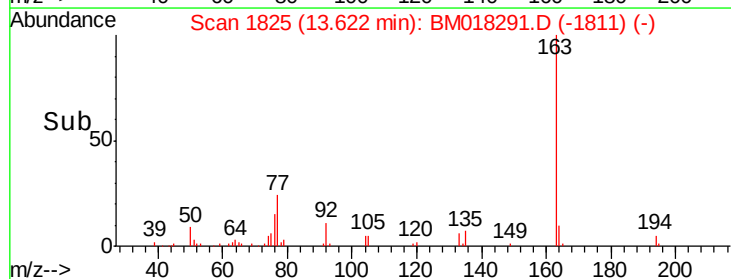
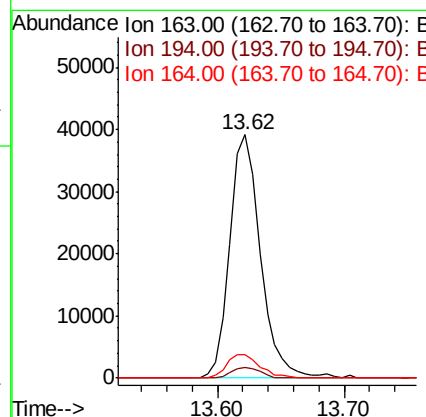
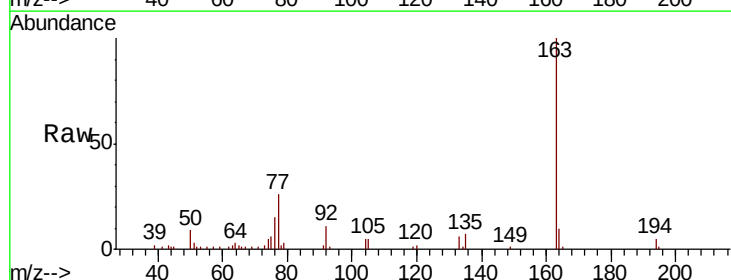
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.9	18.1	27.1

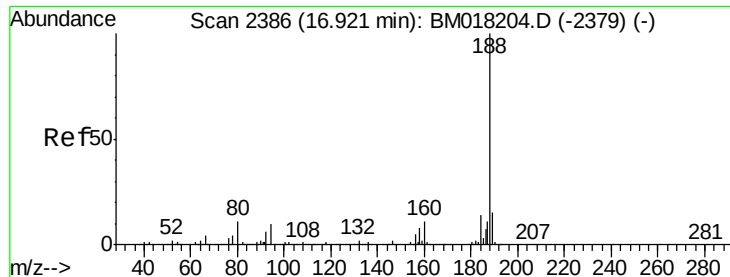


#50
 Dimethylphthalate
 Concen: 4.517 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018291.D
 Acq: 19 Dec 2018 10:53

Tgt Ion:163 Resp: 65943

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	9.9	7.9	11.9

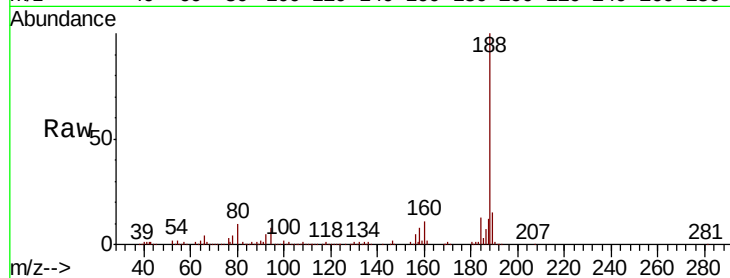




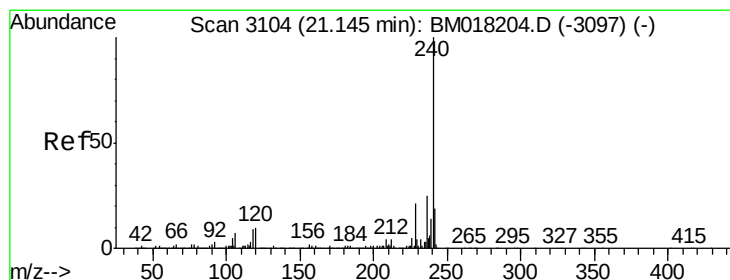
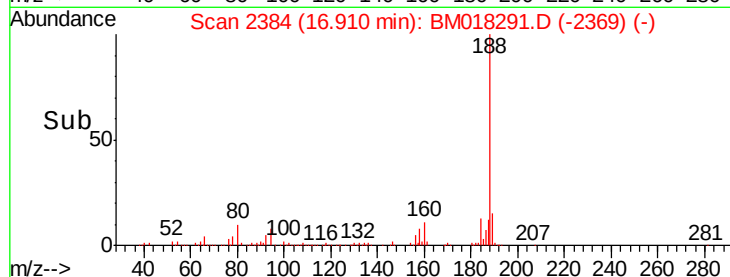
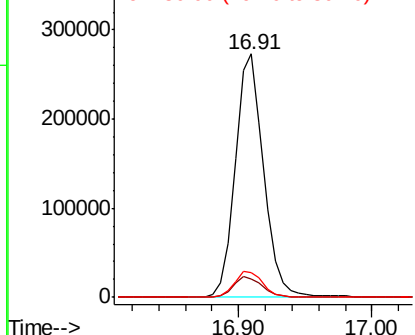
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 401343
Ion Ratio Lower Upper
188 100
94 7.7 8.0 12.0#
80 10.4 9.0 13.6

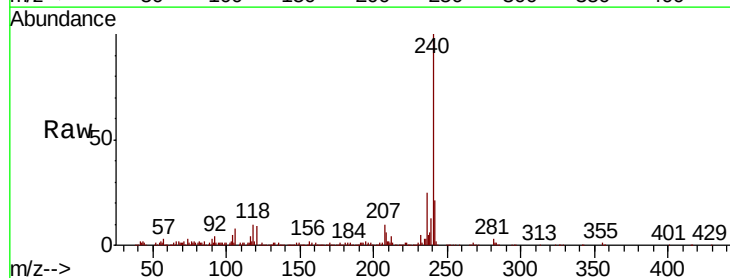


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

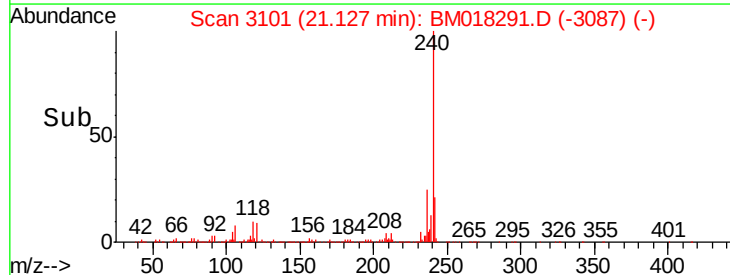
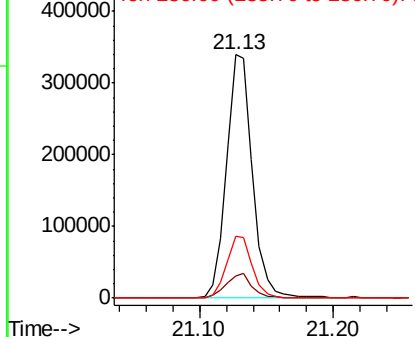


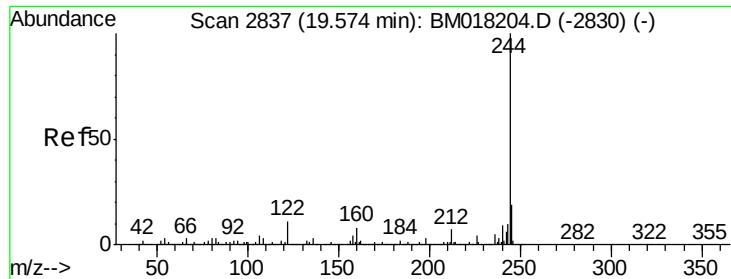
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018291.D
Acq: 19 Dec 2018 10:53

Tgt Ion:240 Resp: 463396
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 25.4 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: 77.356 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018291.D

Acq: 19 Dec 2018 10:53

Instrument :

BNA_M

ClientSampleId :

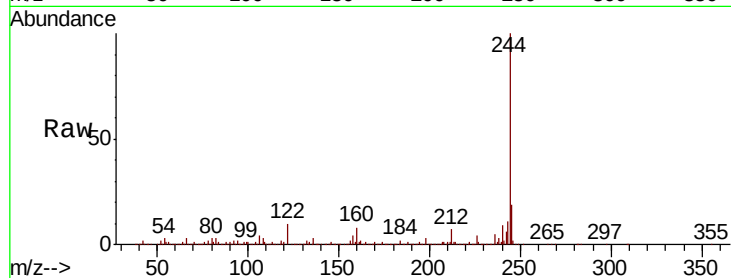
Tot Ion:244 Resp: 1584976

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

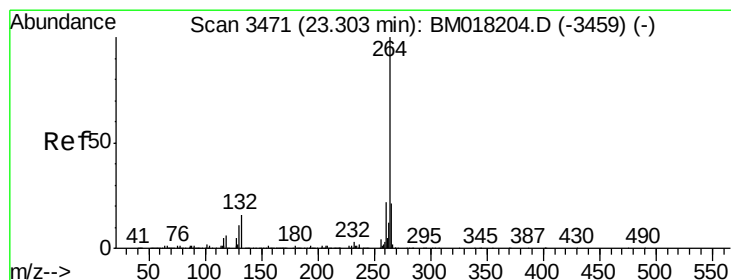
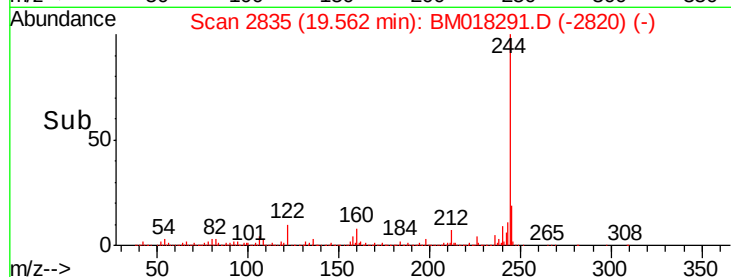
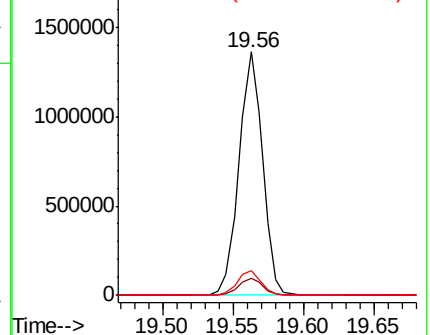
122 9.9 9.0 13.6



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: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018291.D

Acq: 19 Dec 2018 10:53

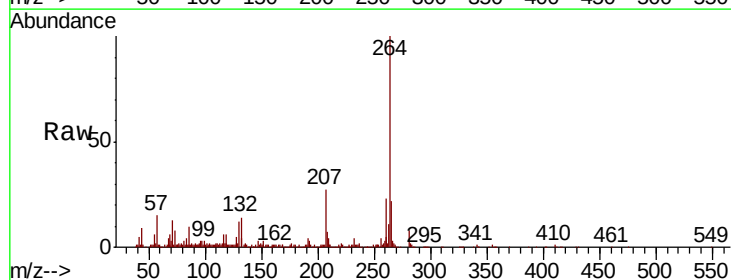
Tgt Ion:264 Resp: 514748

Ion Ratio Lower Upper

264 100

260 22.9 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

