

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017619.D
 Acq On : 12 Nov 2018 18:56
 Operator : MJ/SJ
 Sample : J5863-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263

Quant Time: Nov 13 03:29:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

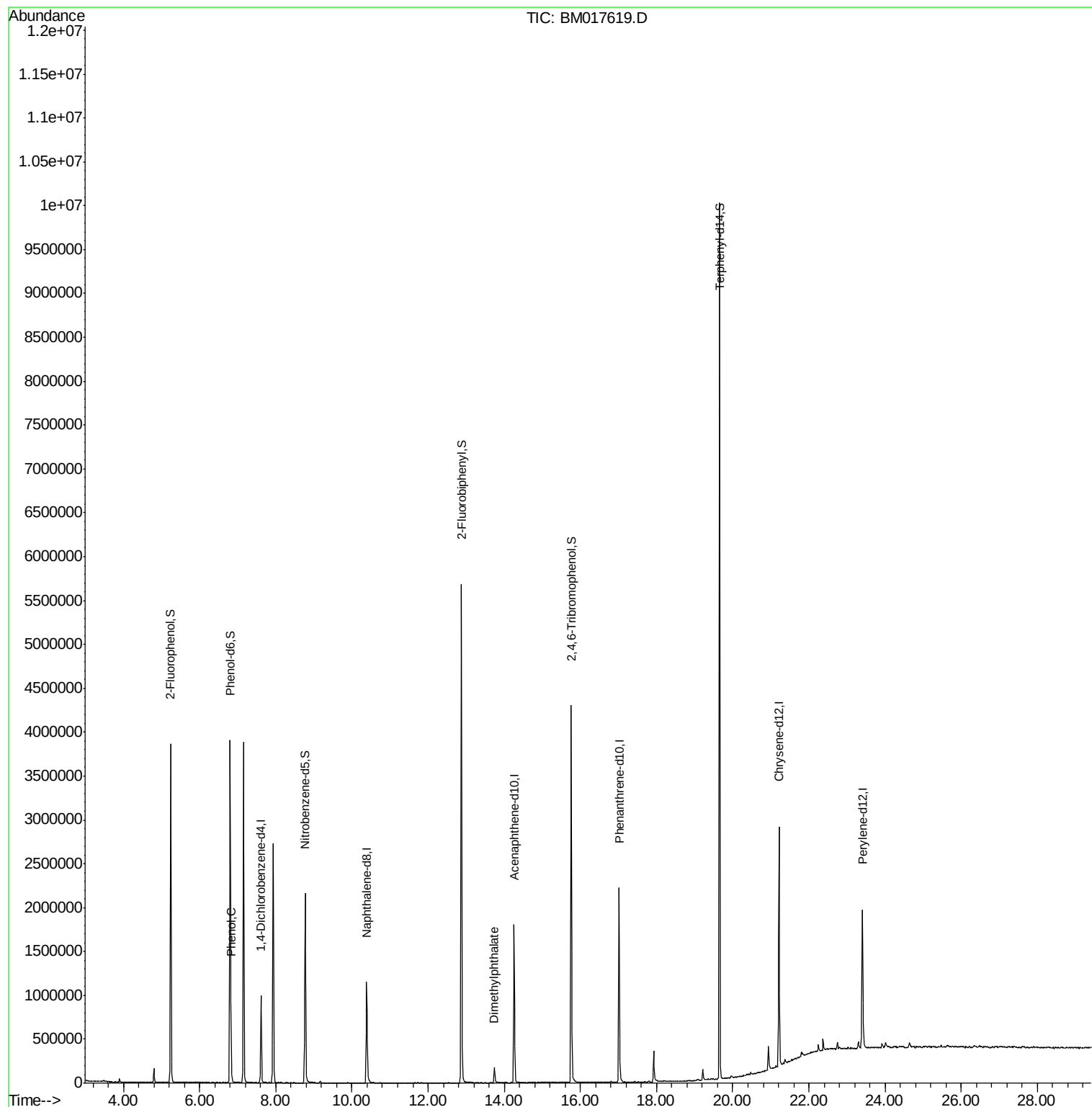
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	250337	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1030754	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	597224	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1353796	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1339415	20.00	ng	0.00
87) Perylene-d12	23.41	264	1176760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1479994	99.77	ng	0.00
7) Phenol-d6	6.80	99	2056941	99.29	ng	0.00
23) Nitrobenzene-d5	8.77	82	1271162	63.67	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	803790	93.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2920844	63.45	ng	0.00
79) Terphenyl-d14	19.66	244	4334103	73.34	ng	0.00
Target Compounds						
10) Phenol	6.83	94	115358	5.305	ng	95
50) Dimethylphthalate	13.74	163	137939	2.841	ng	99

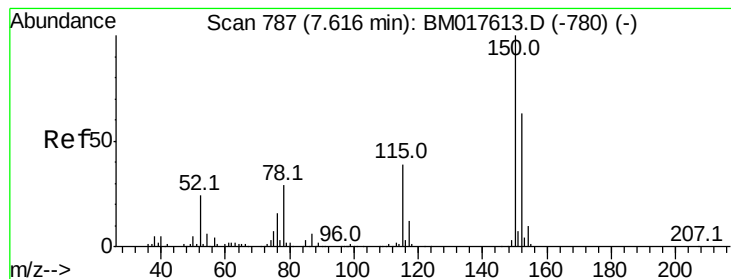
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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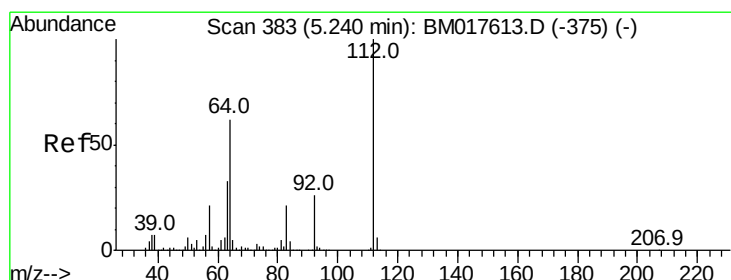
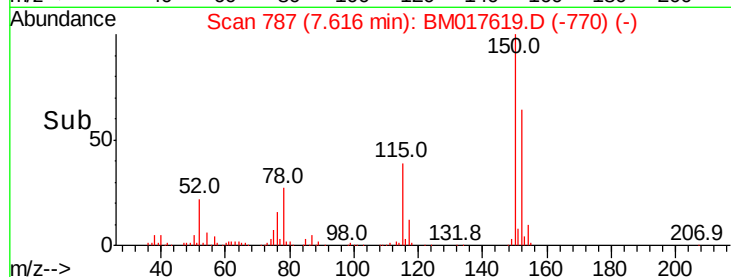
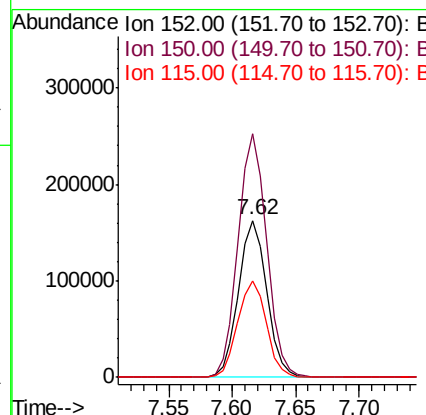
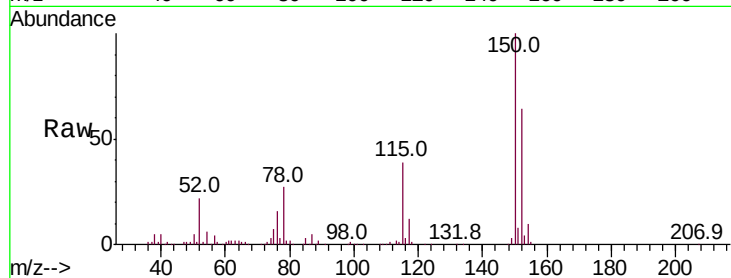


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

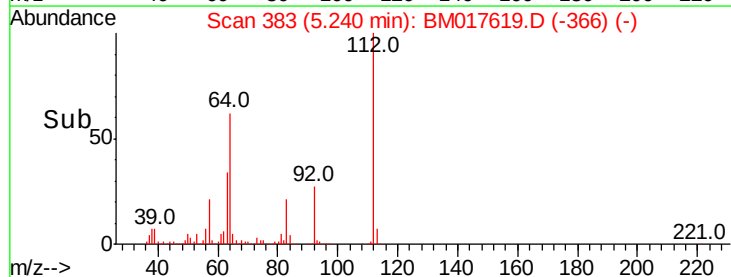
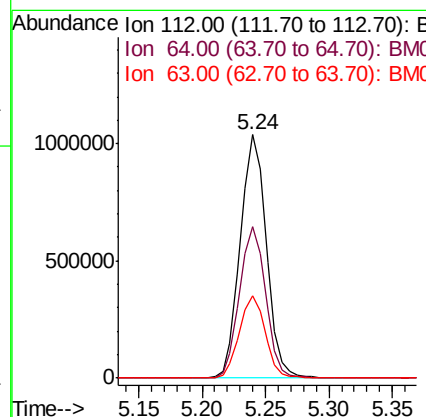
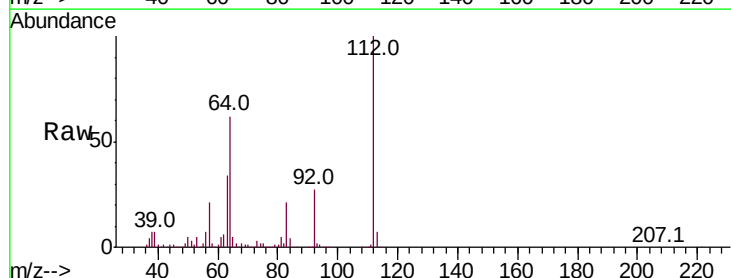
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.4	189.6
115	61.2	49.4	74.0

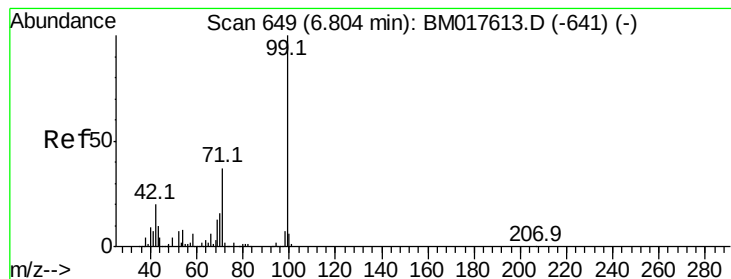


#5

2-Fluorophenol
Concen: 99.774 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	49.3	73.9
63	33.7	26.2	39.4





#7

Phenol-d6

Concen: 99.287 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampleId :

RT-3263

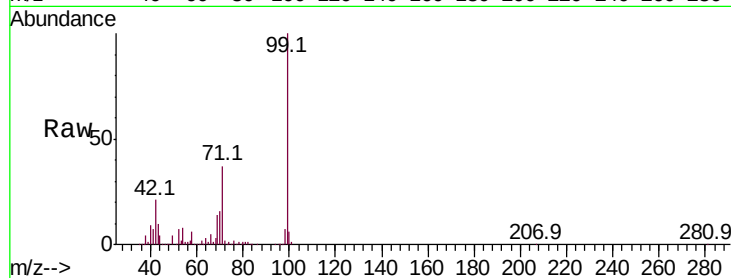
Tot Ion: 99 Resp: 2056941

Ion Ratio Lower Upper

99 100

42 20.6 16.3 24.5

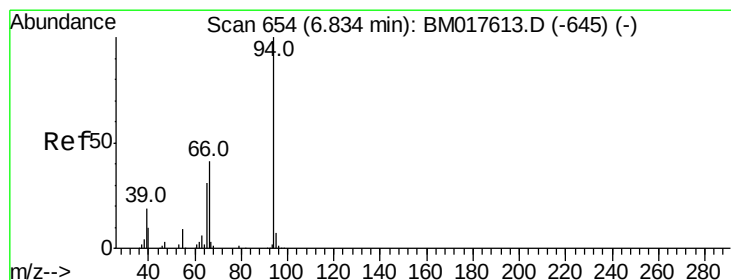
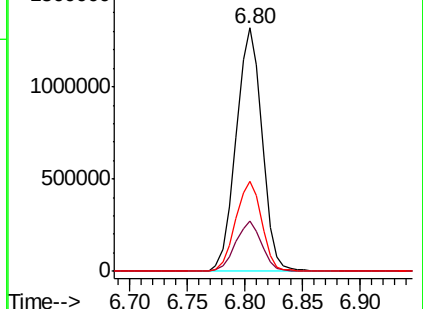
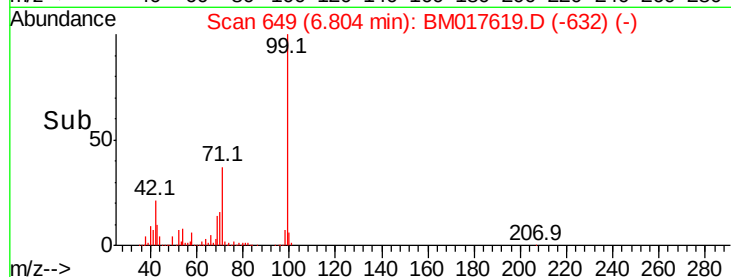
71 37.2 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017619.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017619.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017619.D (-632) (-)



#10

Phenol

Concen: 5.305 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

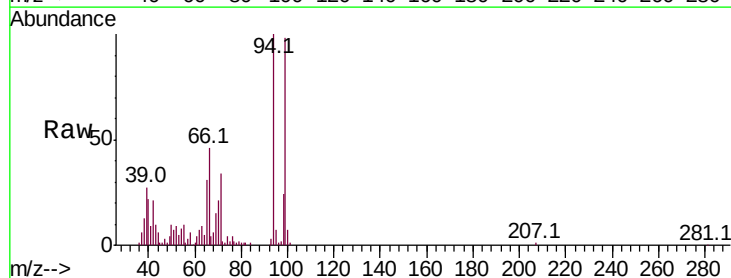
Tgt Ion: 94 Resp: 115358

Ion Ratio Lower Upper

94 100

65 31.5 11.4 51.4

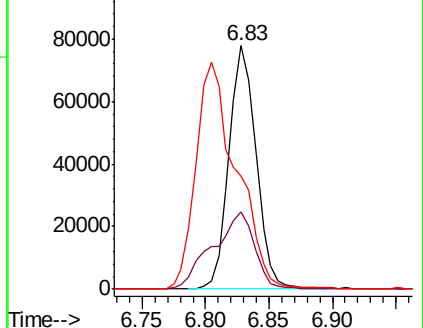
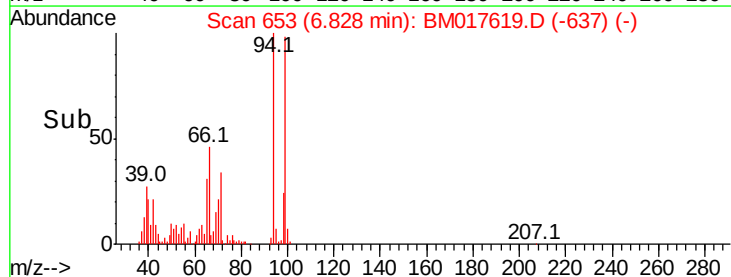
66 46.4 21.4 61.4

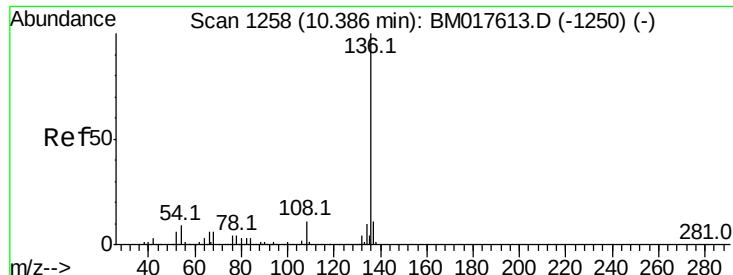


Abundance Ion 94.00 (93.70 to 94.70): BM017619.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017619.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017619.D (-637) (-)

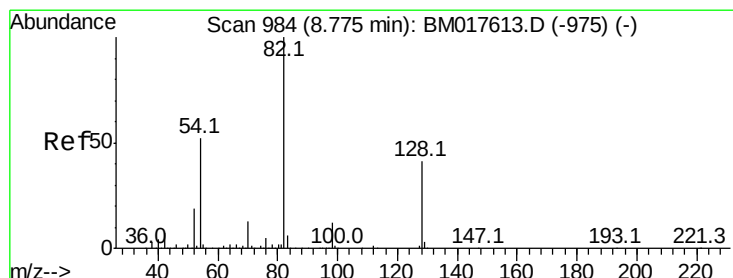
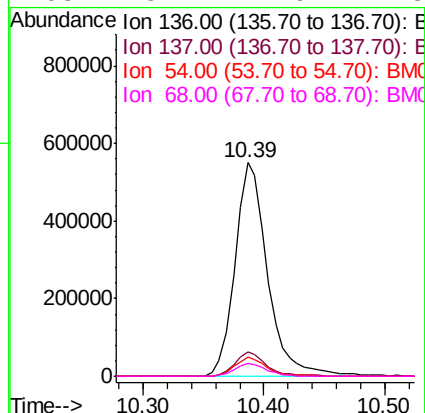
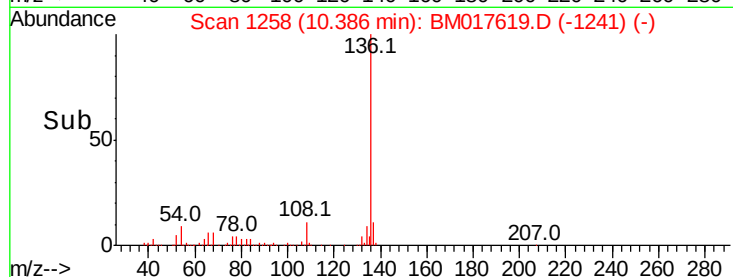
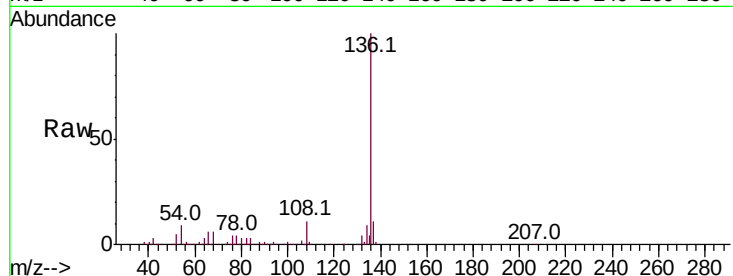




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

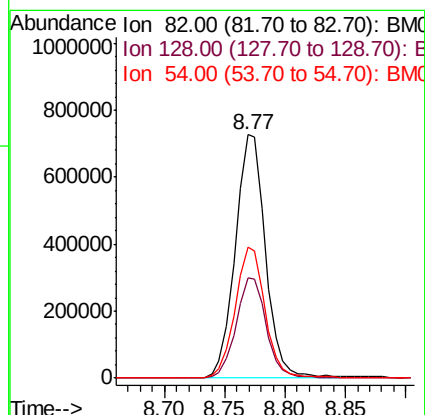
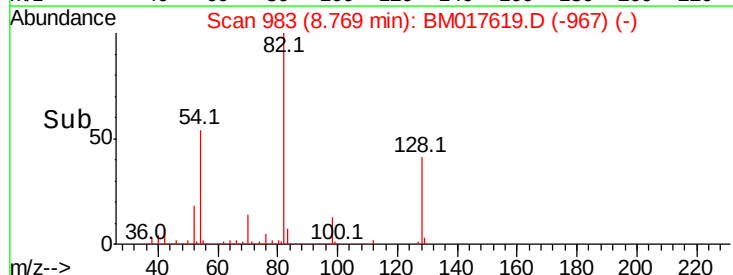
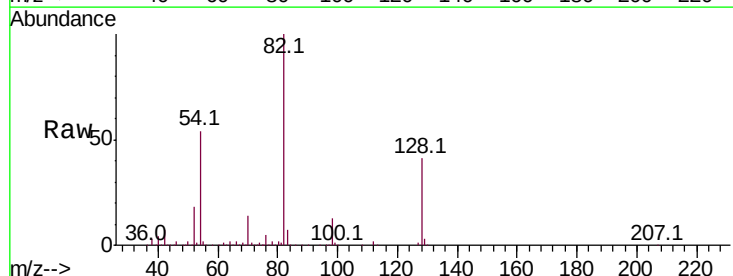
Instrument :
BNA_M
ClientSampleId :
RT-3263

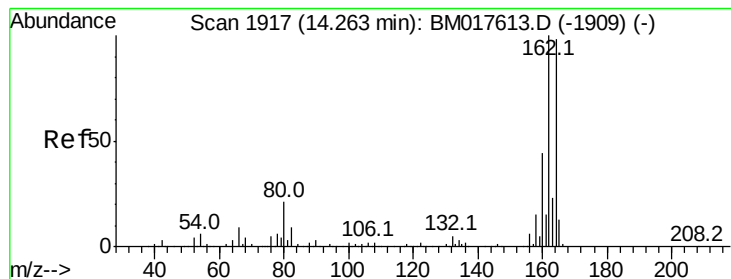
Tot Ion:136	Resp: 1030754
Ion Ratio	Lower Upper
136 100	
137 11.3	8.6 12.8
54 8.8	7.0 10.6
68 5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.666 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion: 82	Resp: 1271162
Ion Ratio	Lower Upper
82 100	
128 41.3	33.0 49.4
54 54.0	41.4 62.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampled :

RT-3263

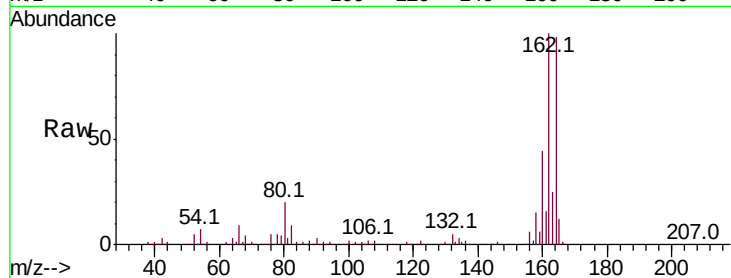
Tot Ion:164 Resp: 597224

Ion Ratio Lower Upper

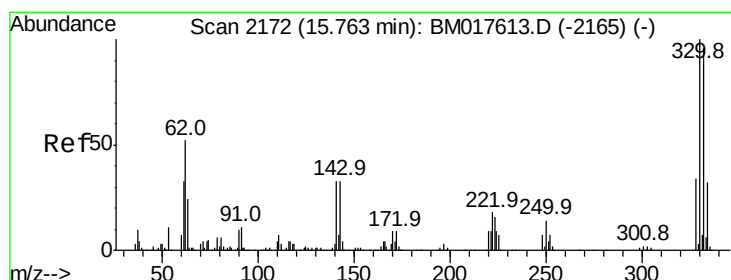
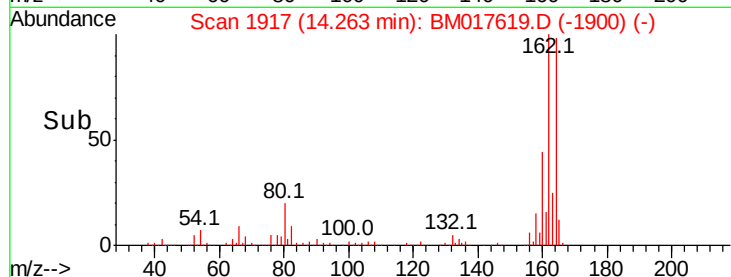
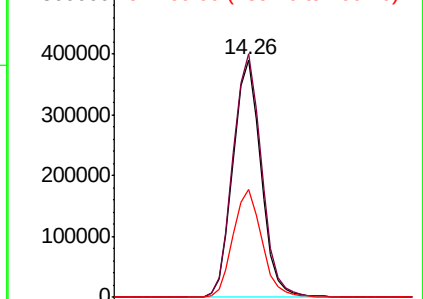
164 100

162 102.5 81.4 122.0

160 45.5 35.6 53.4



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: 93.668 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

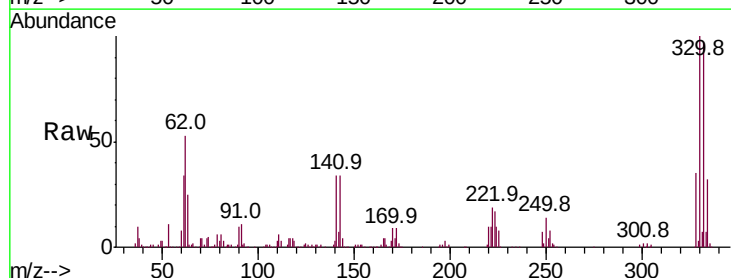
Tgt Ion:330 Resp: 803790

Ion Ratio Lower Upper

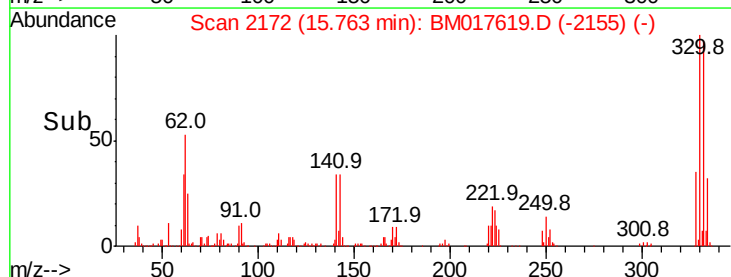
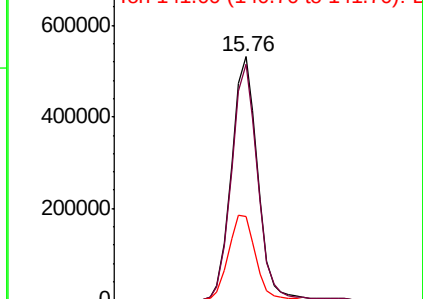
330 100

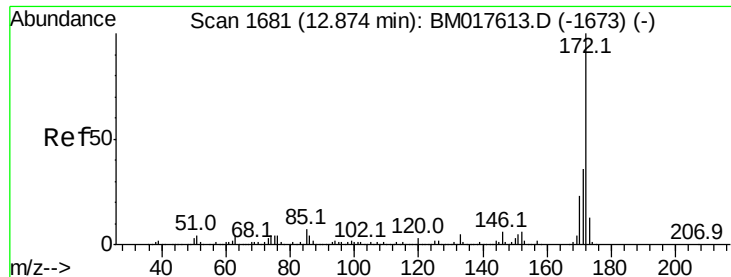
332 96.6 77.9 116.9

141 36.4 27.5 41.3



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

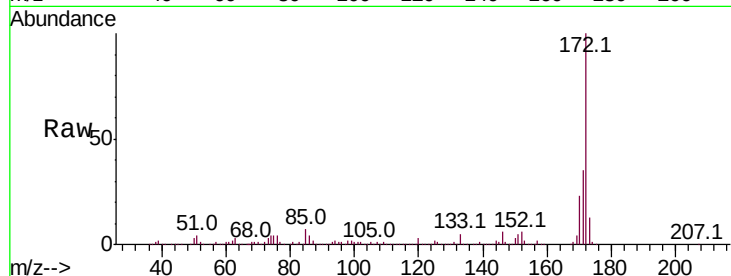




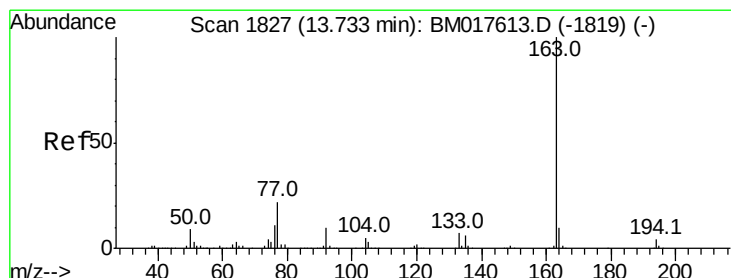
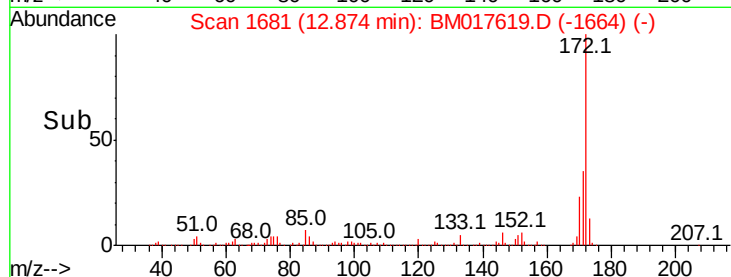
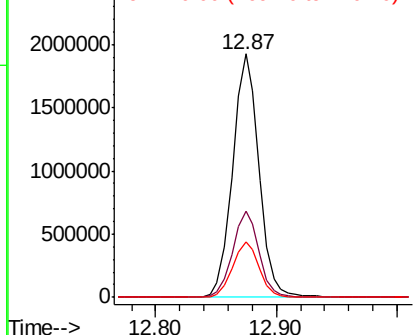
#45
2-Fluorobiphenyl
Concen: 63.449 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Instrument :
BNA_M
ClientSampleId :
RT-3263

Tot Ion:172 Resp: 2920844
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 22.8 18.3 27.5

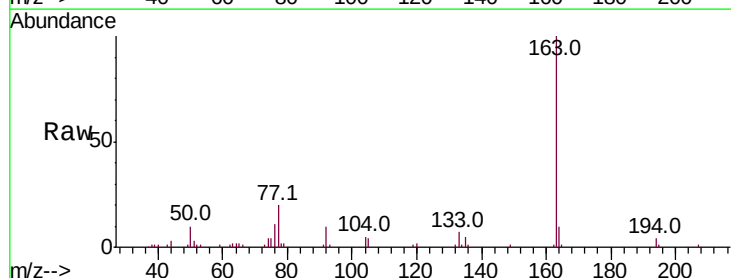


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

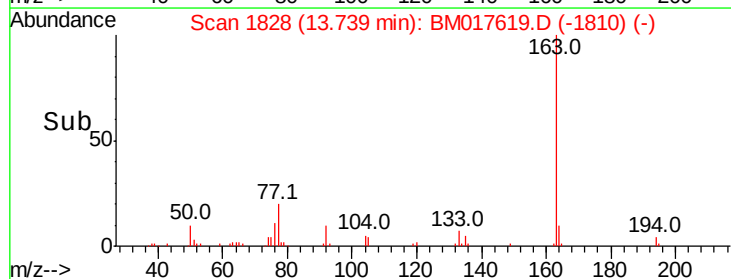
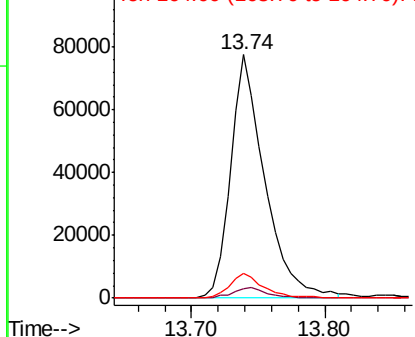


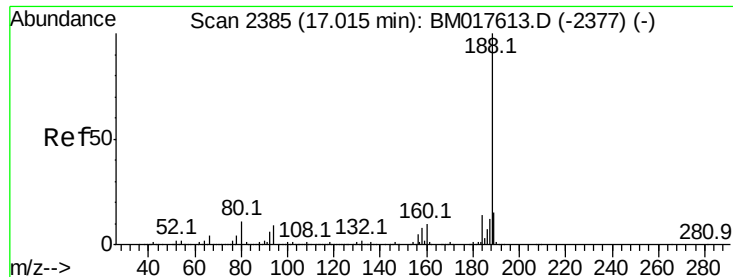
#50
Dimethylphthalate
Concen: 2.841 ng
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM017619.D
Acq: 12 Nov 2018 18:56

Tgt Ion:163 Resp: 137939
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 8.2 12.4



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: 17.02 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

Instrument :

BNA_M

ClientSampled :

RT-3263

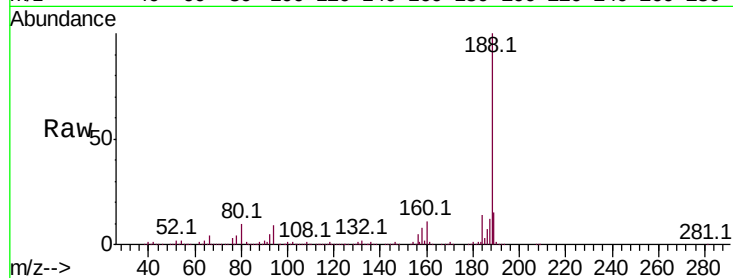
Tot Ion:188 Resp: 1353796

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.3	8.6	13.0

188 100

94 8.7 7.5 11.3

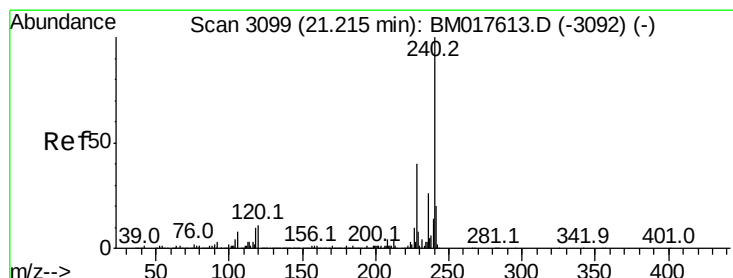
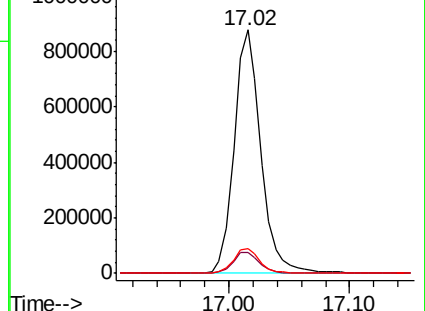
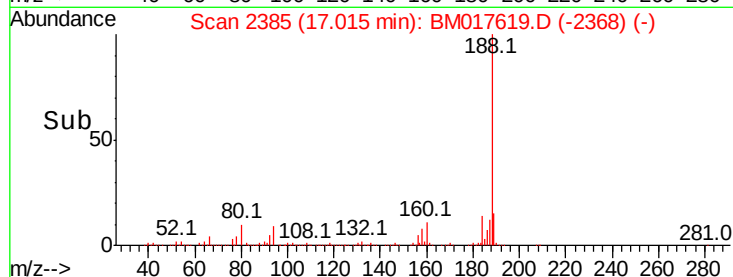
80 10.3 8.6 13.0



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: 21.22 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

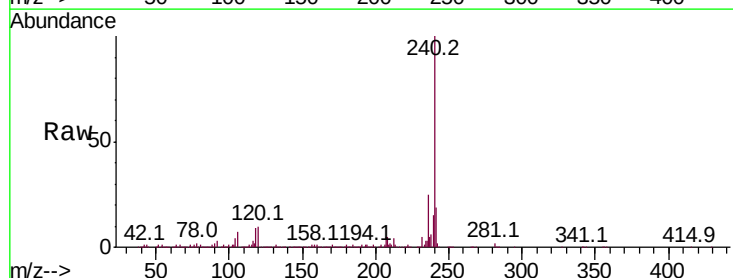
Tgt Ion:240 Resp: 1339415

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.5	12.7
236	24.8	20.4	30.6

240 100

120 9.8 8.5 12.7

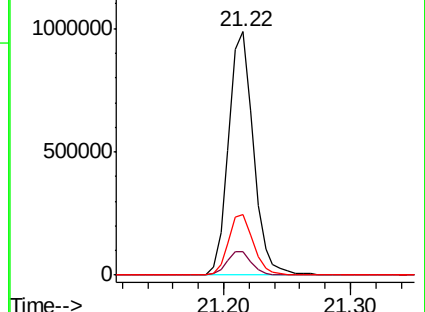
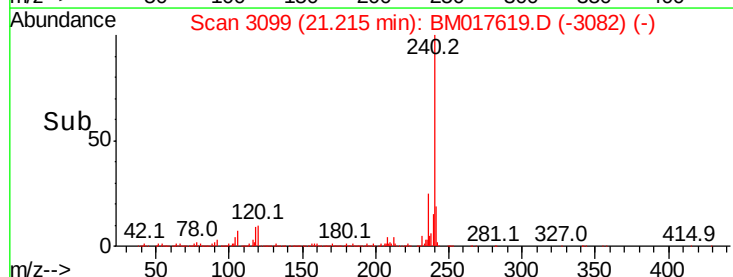
236 24.8 20.4 30.6

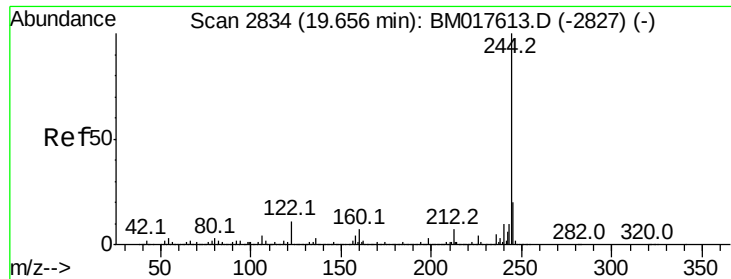


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.337 ng

RT: 19.66 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM017619.D

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Instrument :

BNA_M

ClientSampleId :

RT-3263

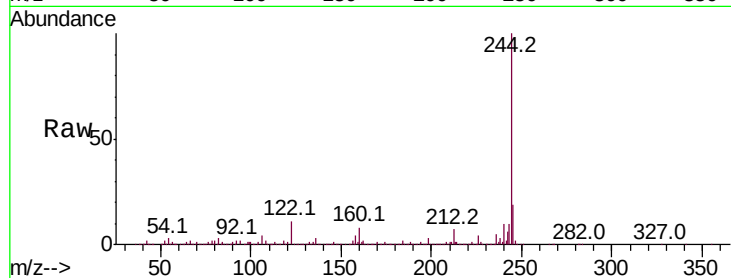
Tot Ion:244 Resp: 4334103

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

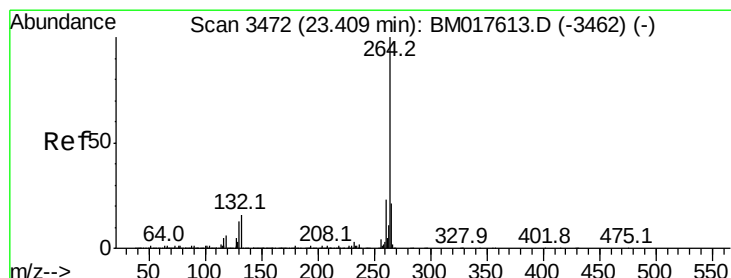
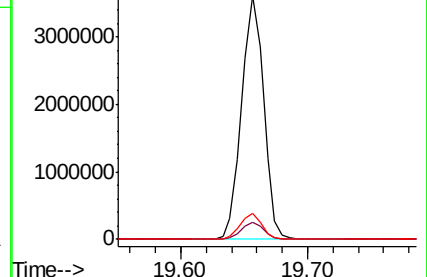
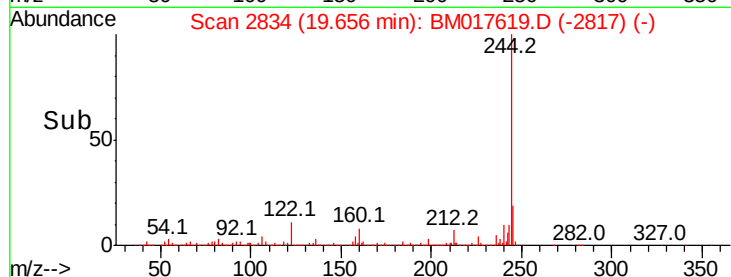
122 10.7 9.0 13.6



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: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017619.D

Acq: 12 Nov 2018 18:56

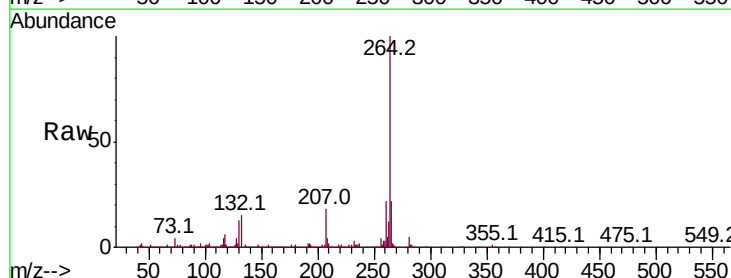
Tgt Ion:264 Resp: 1176760

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 22.3 17.5 26.3



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

