

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020217.D
 Acq On : 09 May 2019 15:03
 Operator : JU/SJ
 Sample : K2729-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-5

Quant Time: May 10 04:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

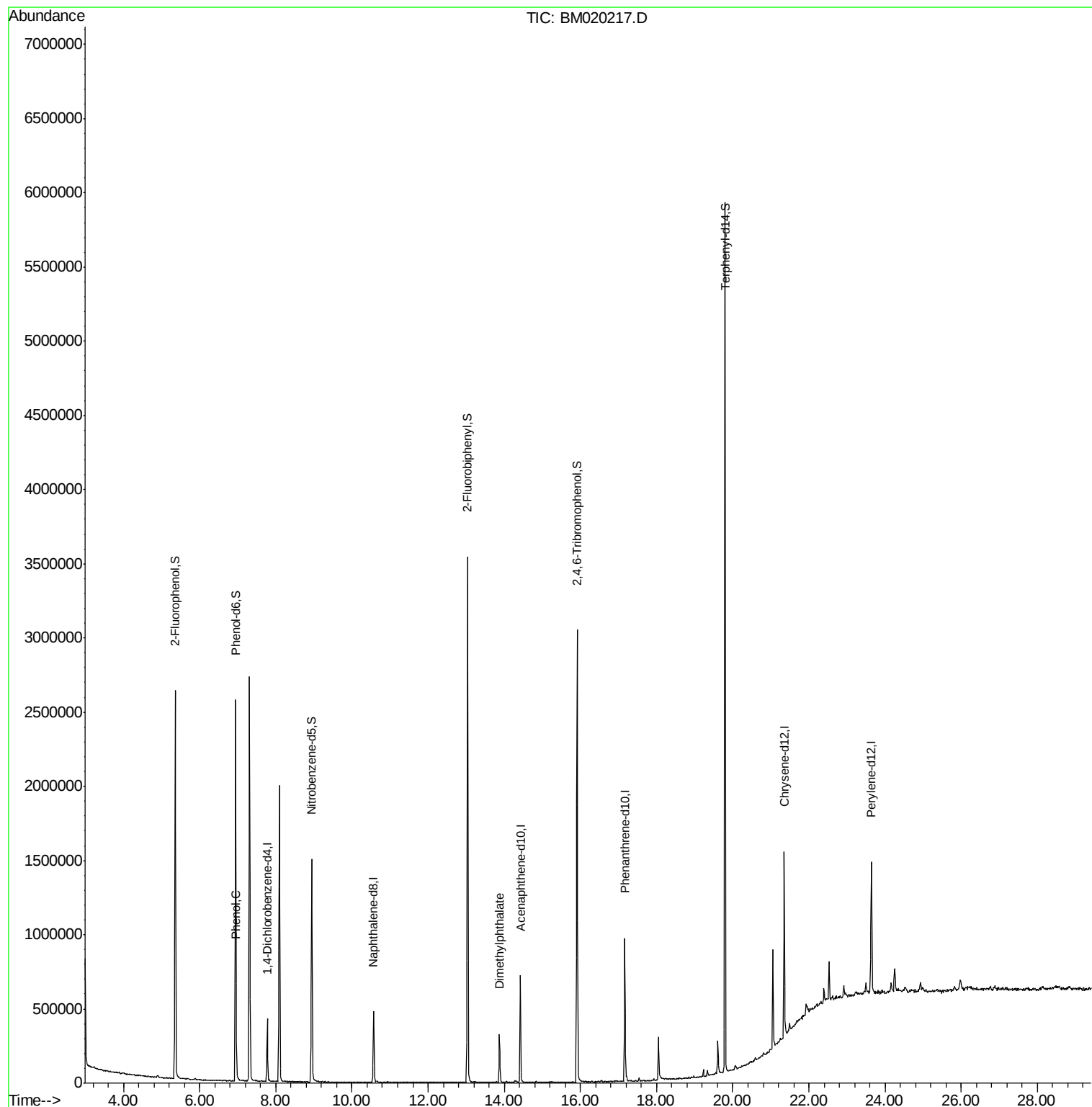
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	109915	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	380603	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	226492	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	537308	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	574720	20.00	ng	-0.01
87) Perylene-d12	23.64	264	679004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1038125	154.38	ng	0.00
7) Phenol-d6	6.95	99	1397234	152.10	ng	0.00
23) Nitrobenzene-d5	8.95	82	980917	101.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	597933	170.08	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1751533	95.15	ng	-0.02
79) Terphenyl-d14	19.80	244	2829125	85.86	ng	-0.01
Target Compounds						
10) Phenol	6.97	94	21662	2.190	ng	Qvalue # 78
50) Dimethylphthalate	13.88	163	207681	10.789	ng	97

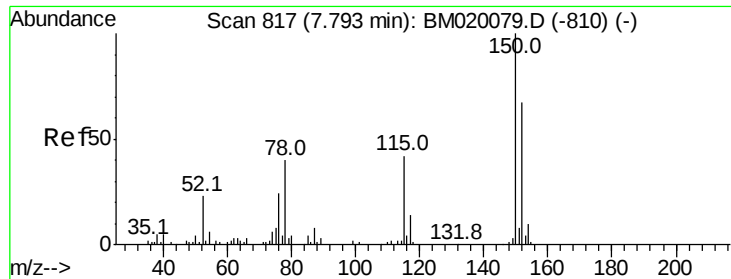
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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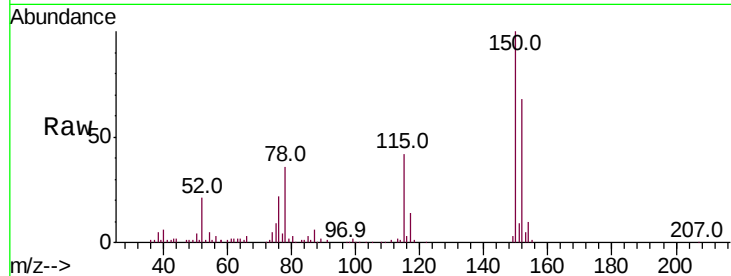


#1

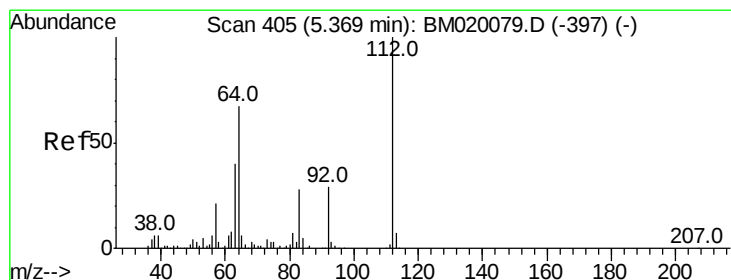
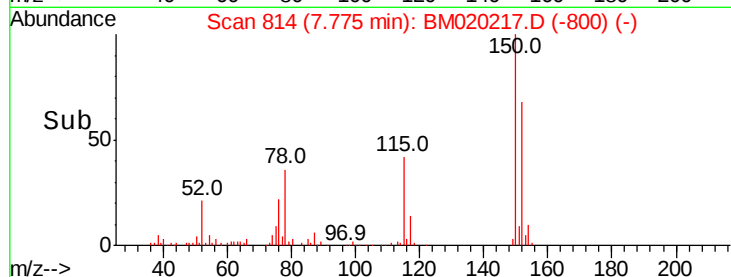
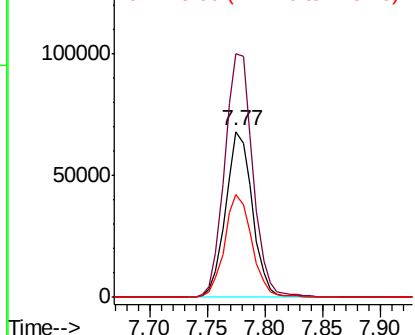
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampled :
B-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.8	179.8
115	62.1	50.8	76.2



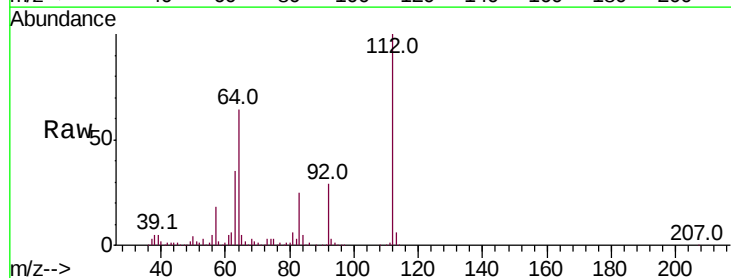
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



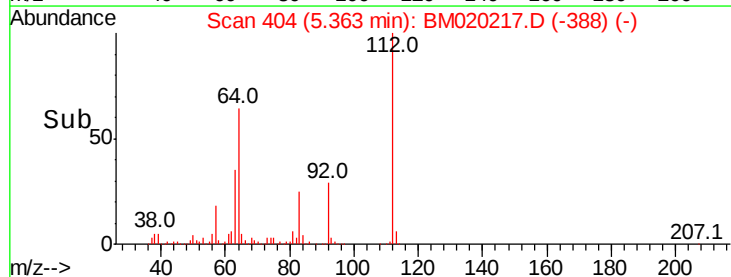
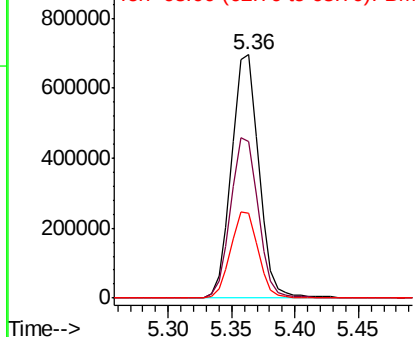
#5

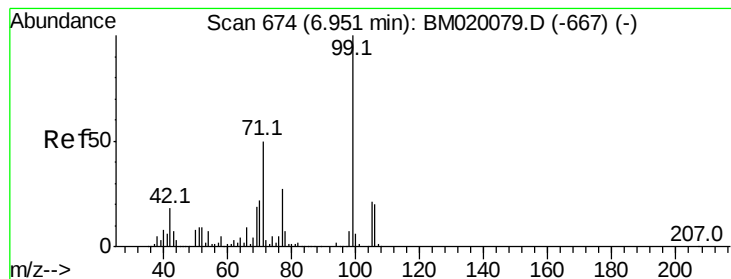
2-Fluorophenol
Concen: 154.384 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.8	80.6
63	35.0	32.3	48.5



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: 152.099 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

Instrument :

BNA_M

ClientSampleId :

B-5

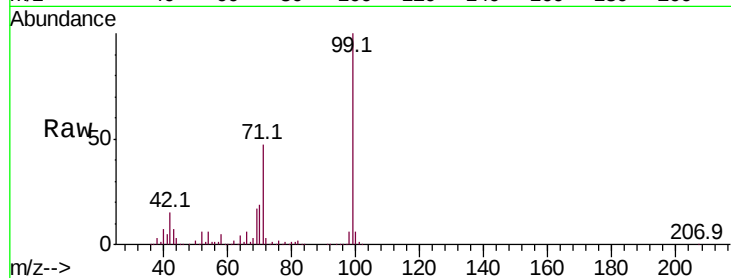
Tot Ion: 99 Resp: 1397234

Ion Ratio Lower Upper

99 100

42 14.9 14.2 21.2

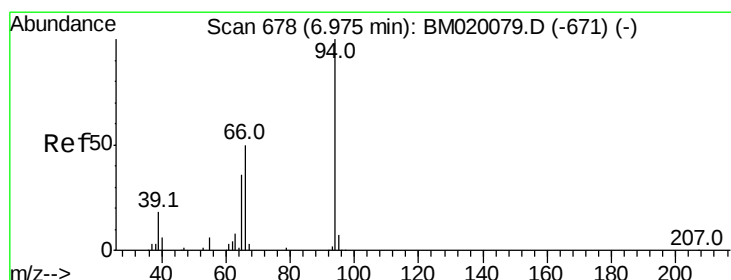
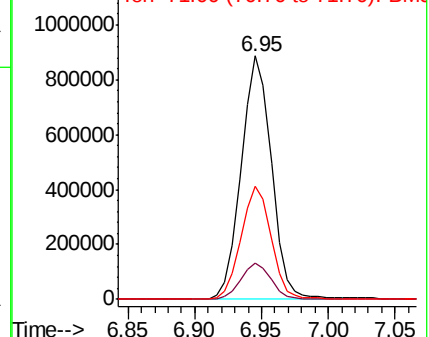
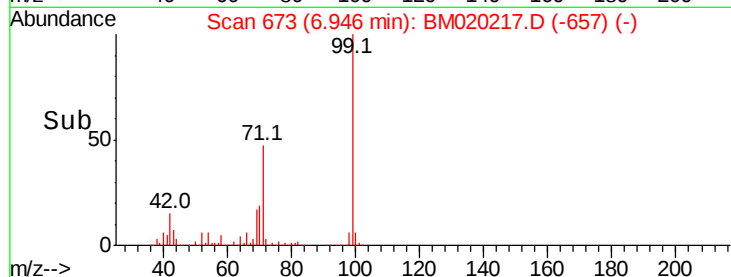
71 46.5 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020217.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020217.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020217.D (-667) (-)



#10

Phenol

Concen: 2.190 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

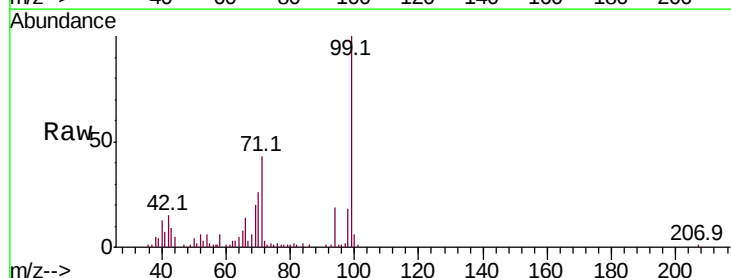
Tgt Ion: 94 Resp: 21662

Ion Ratio Lower Upper

94 100

65 41.3 17.0 57.0

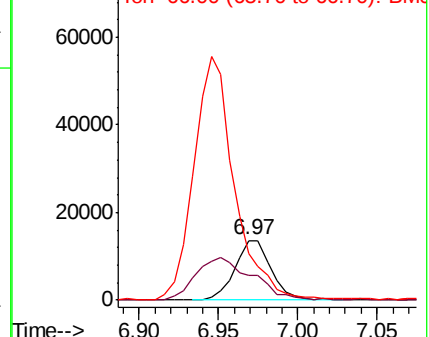
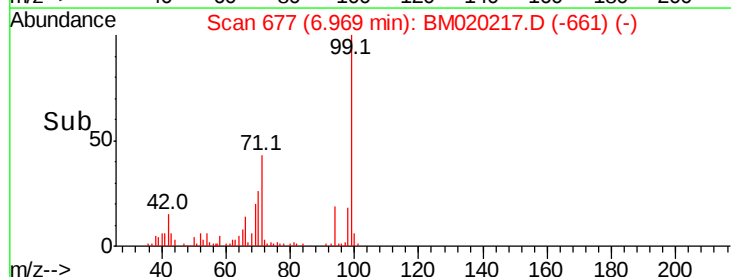
66 77.6 34.5 74.5#

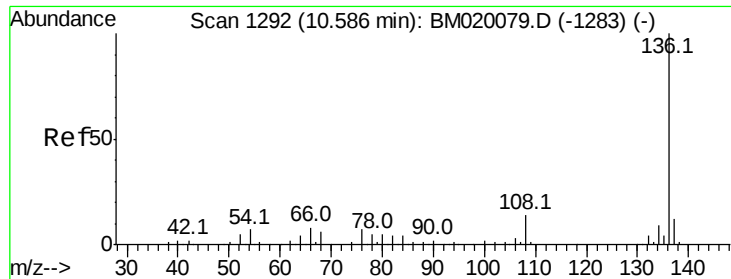


Abundance Ion 94.00 (93.70 to 94.70): BM020217.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020217.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020217.D (-671) (-)

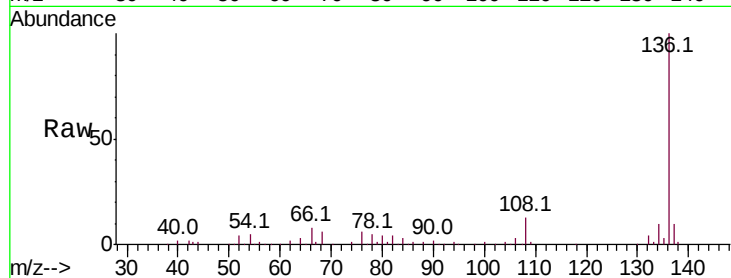




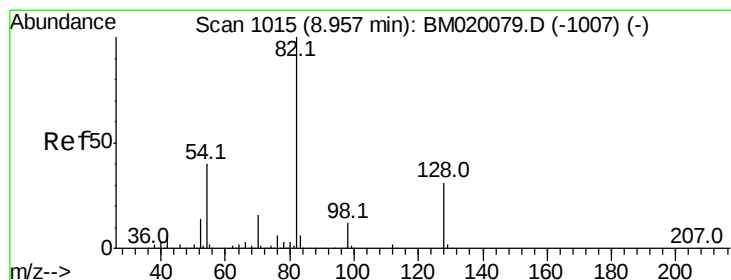
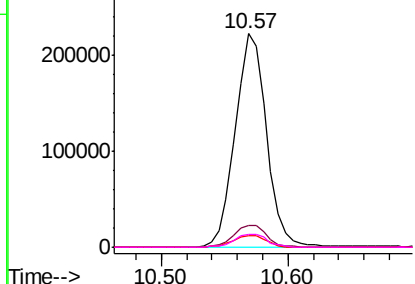
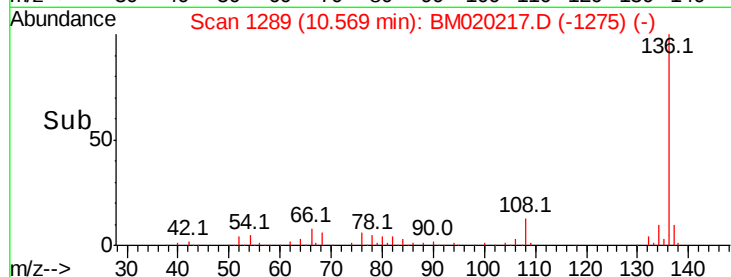
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tot Ion:	136	Resp:	380603
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	5.4	5.5	8.3#
68	6.2	4.6	6.8

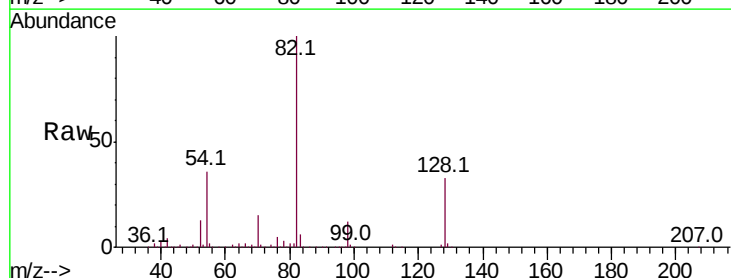


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

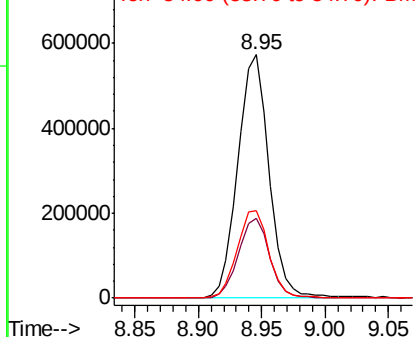
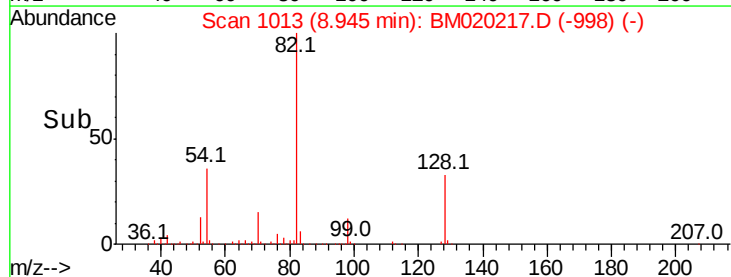


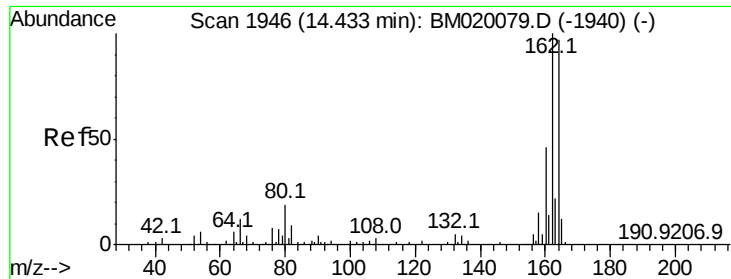
#23
Nitrobenzene-d5
Concen: 101.751 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:	82	Resp:	980917
Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.2	37.8
54	36.0	31.9	47.9



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: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

Instrument :

BNA_M

ClientSampleId :

B-5

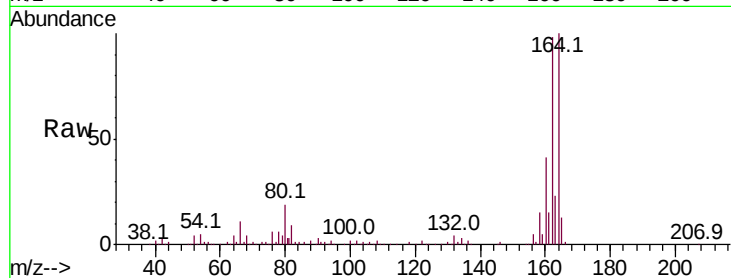
Tot Ion:164 Resp: 226492

Ion Ratio Lower Upper

164 100

162 98.5 82.2 123.2

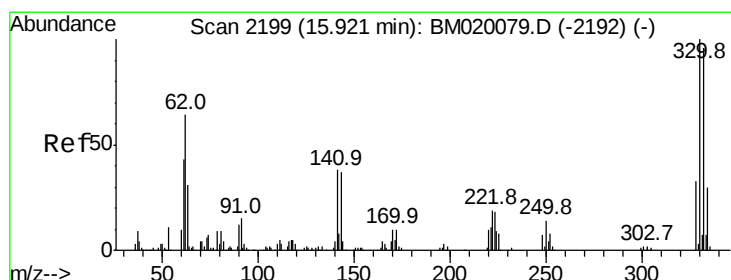
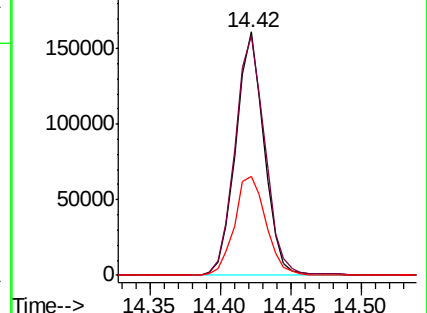
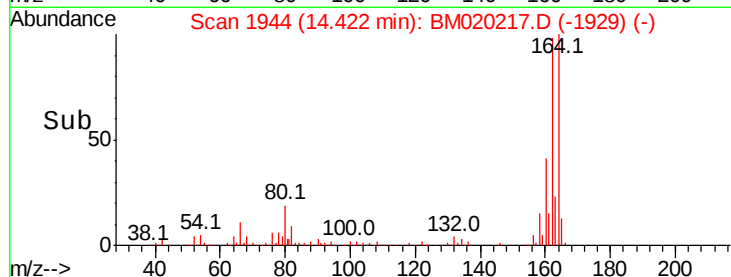
160 40.9 37.6 56.4



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: 170.081 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

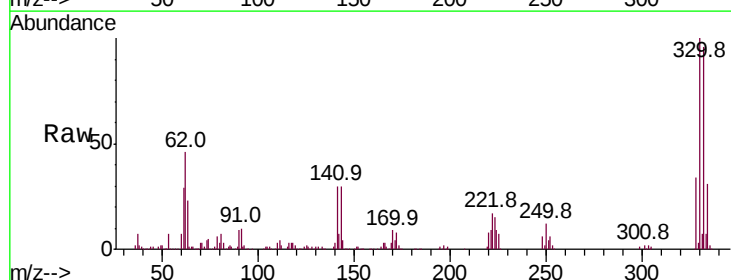
Tgt Ion:330 Resp: 597933

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

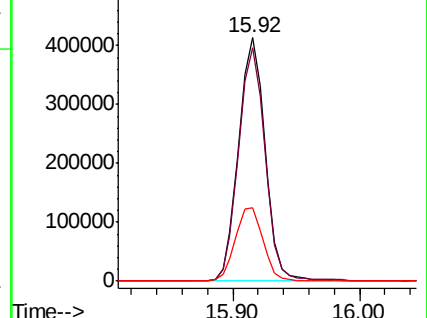
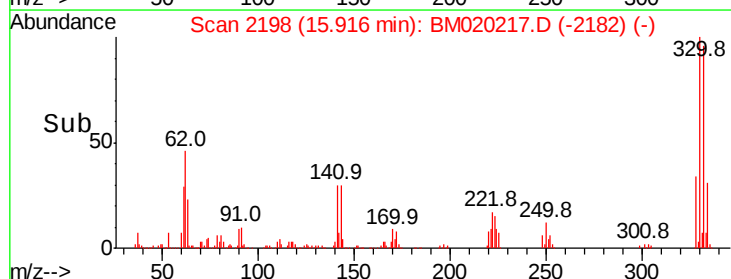
141 31.9 29.2 43.8

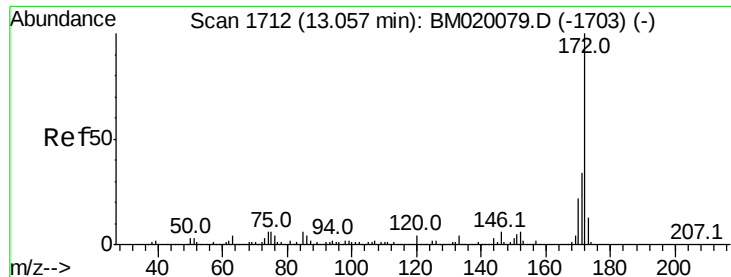


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

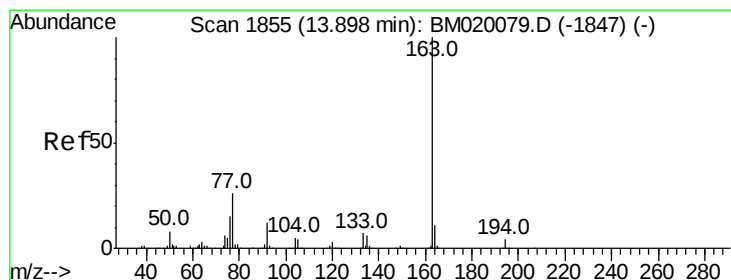
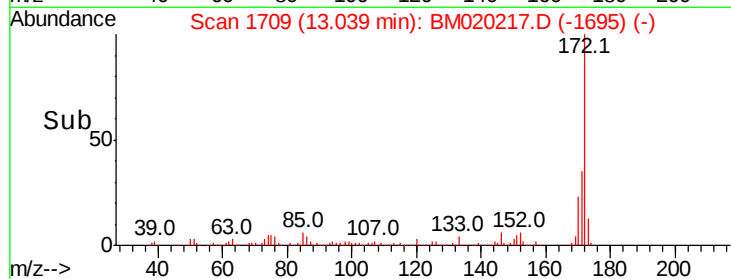
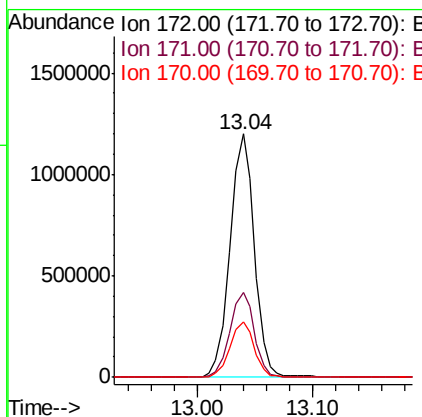
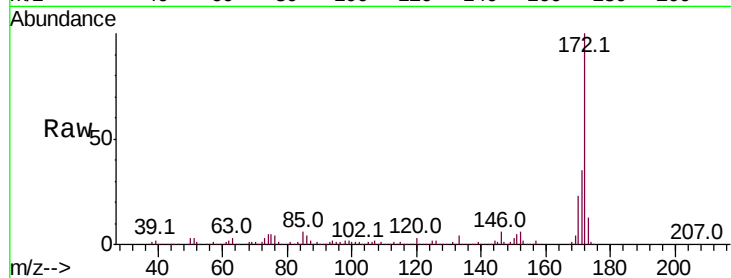




#45
2-Fluorobiphenyl
Concen: 95.148 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

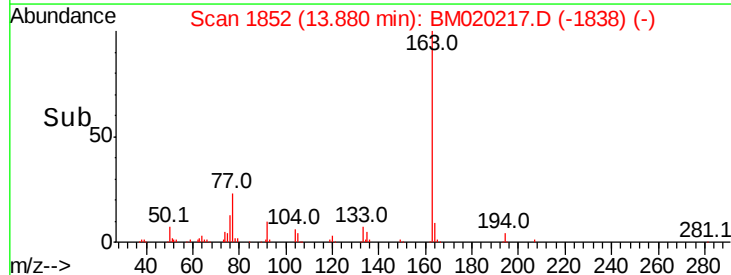
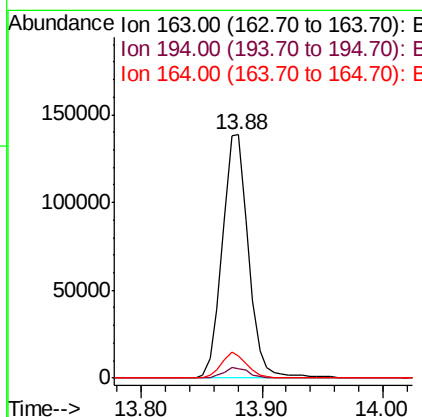
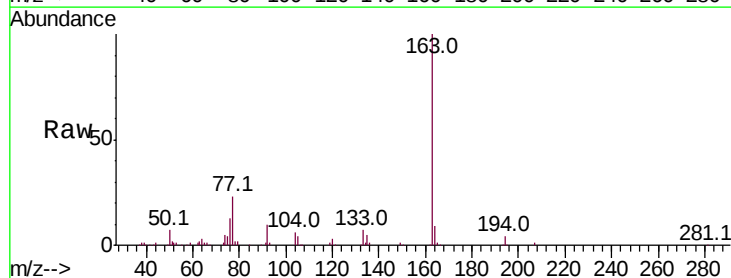
Instrument :
BNA_M
ClientSampleId :
B-5

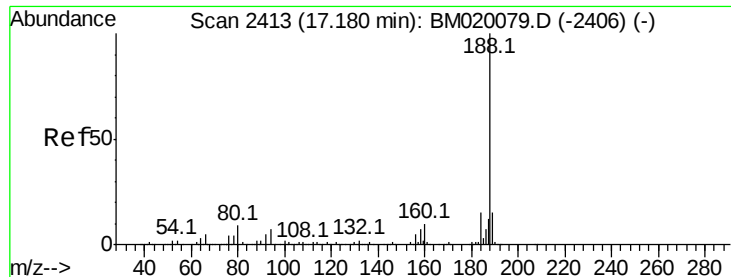
Tot Ion:172 Resp: 1751533
Ion Ratio Lower Upper
172 100
171 34.9 27.3 40.9
170 22.6 17.9 26.9



#50
Dimethylphthalate
Concen: 10.789 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:163 Resp: 207681
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 8.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

Instrument :

BNA_M

ClientSampled :

B-5

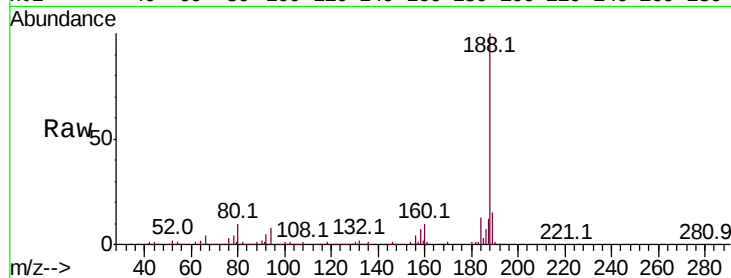
Tot Ion:188 Resp: 537308

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

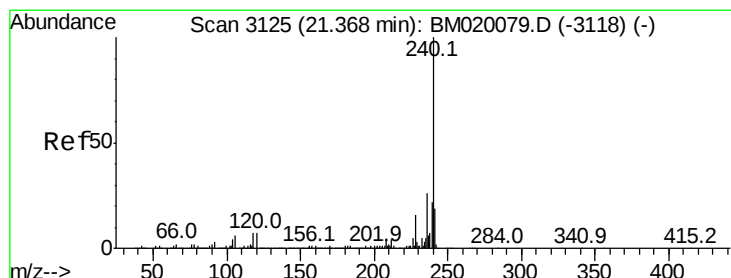
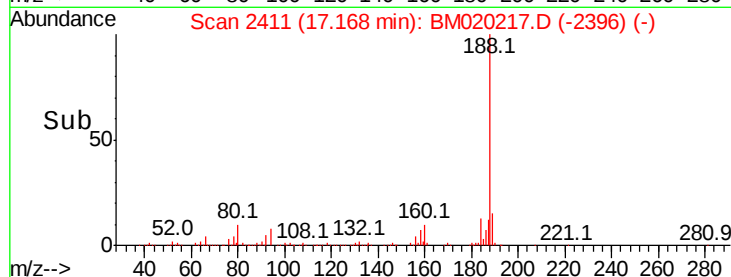
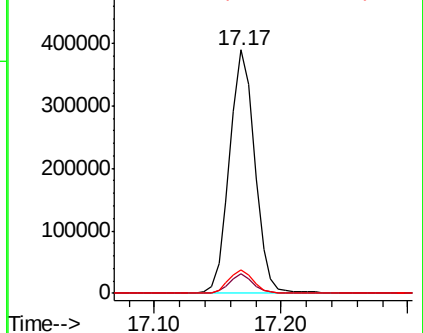
80 9.7 7.4 11.2



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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

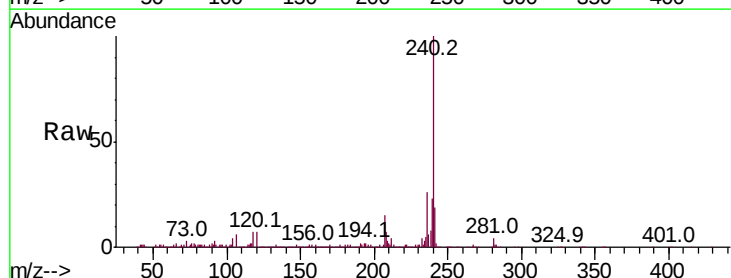
Tgt Ion:240 Resp: 574720

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

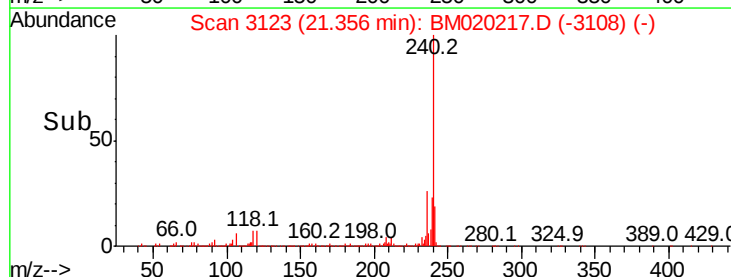
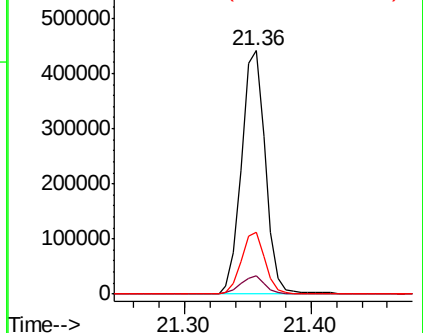
236 25.6 20.9 31.3

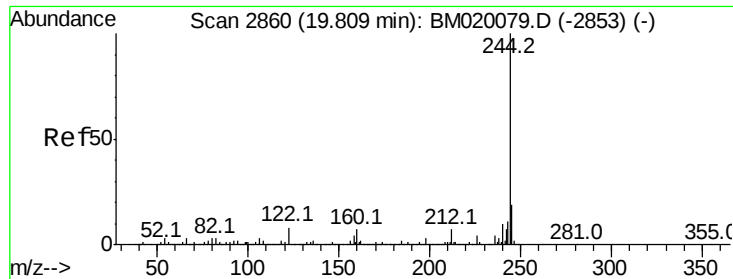


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.861 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

Instrument :

BNA_M

ClientSampleId :

B-5

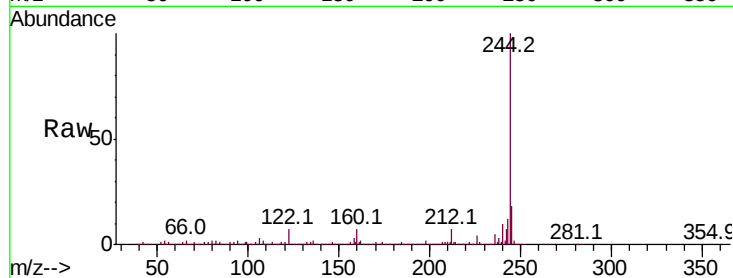
Tot Ion:244 Resp: 2829125

Ion Ratio Lower Upper

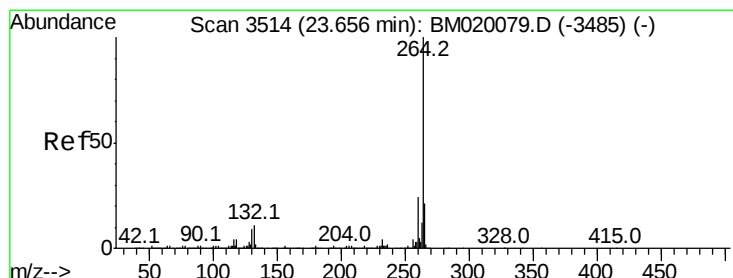
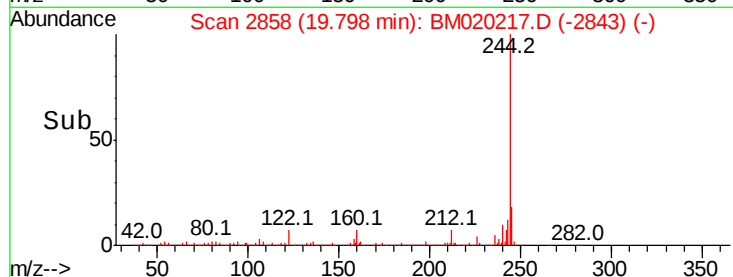
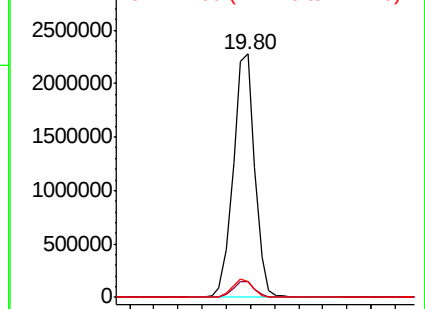
244 100

212 6.6 5.7 8.5

122 6.7 6.2 9.2



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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020217.D

Acq: 09 May 2019 15:03

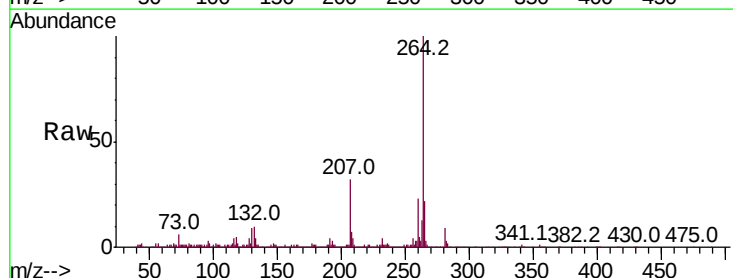
Tgt Ion:264 Resp: 679004

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.2 16.9 25.3



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

