

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017593.D
 Acq On : 09 Nov 2018 16:11
 Operator : MJ/SJ
 Sample : J5860-27
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-SB-106(8.5-10.5)

Quant Time: Nov 12 00:46:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

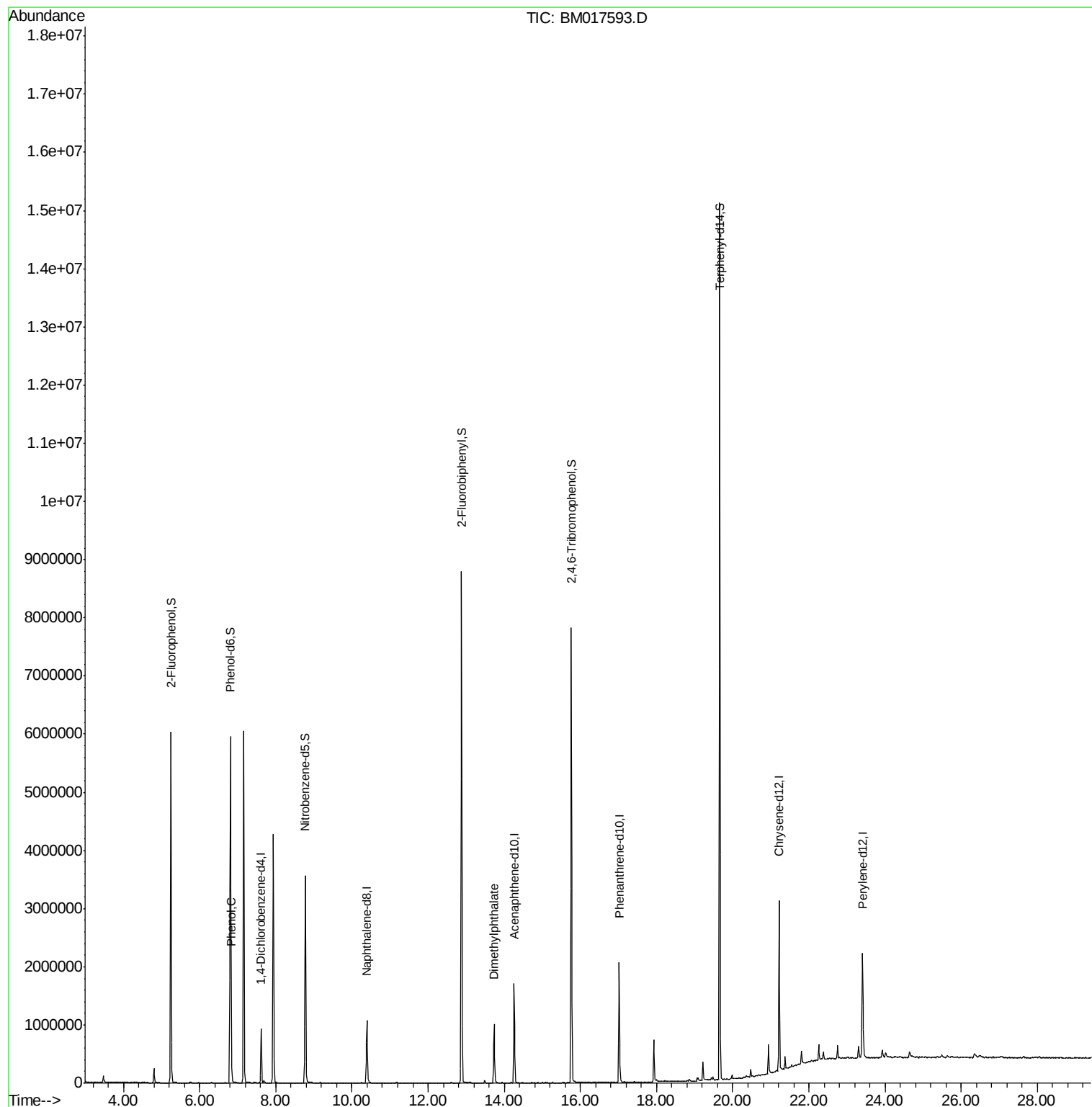
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	237510	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	951734	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	549855	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1286703	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1416127	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1348925	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2340105	166.64	ng	-0.02
7) Phenol-d6	6.81	99	3236111	169.20	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1976527	121.46	ng	-0.03
42) 2,4,6-Tribromophenol	15.76	330	1365373	183.62	ng	-0.03
45) 2-Fluorobiphenyl	12.88	172	4462912	107.99	ng	-0.02
79) Terphenyl-d14	19.66	244	6840069	108.87	ng	-0.02
Target Compounds						
10) Phenol	6.83	94	211133	10.257	ng	92
50) Dimethylphthalate	13.73	163	718574	16.939	ng	99

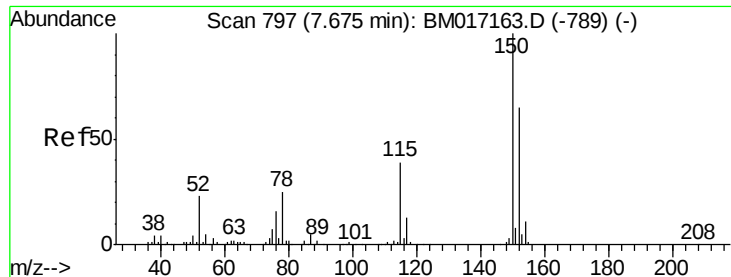
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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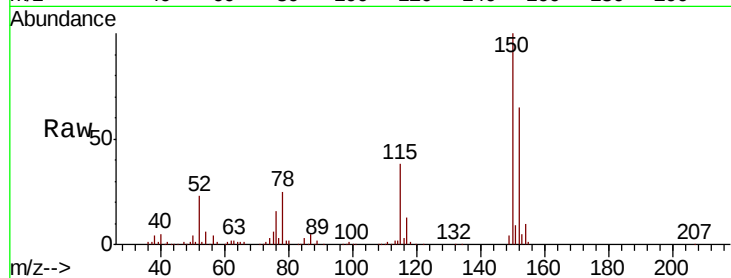


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

Instrument :
BNA_M
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.3	186.5
115	57.9	48.1	72.1

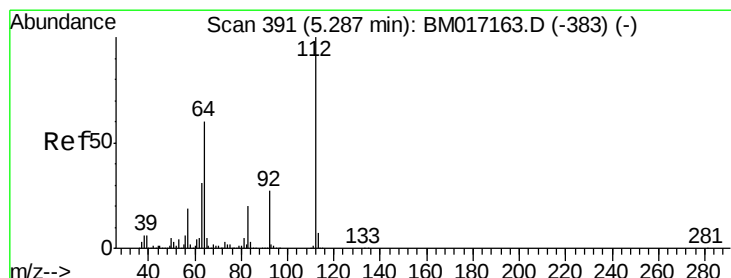
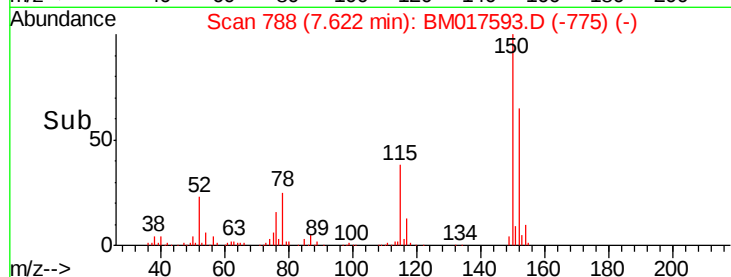
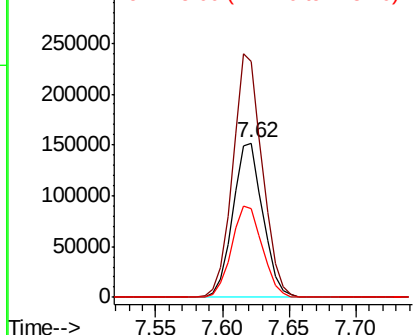


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

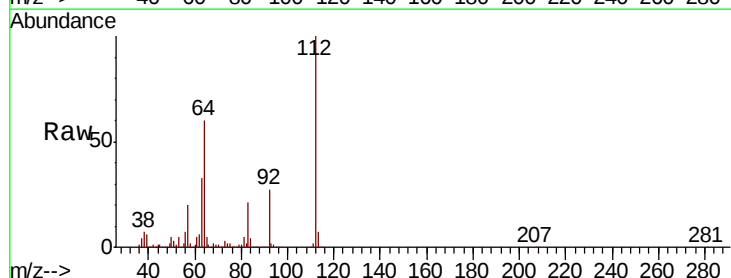
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 166.641 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	41.7	62.5
63	32.9	23.0	34.4

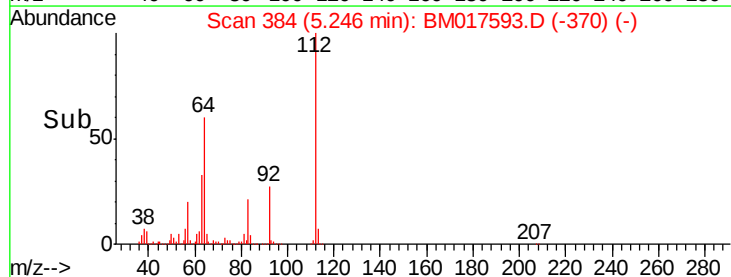
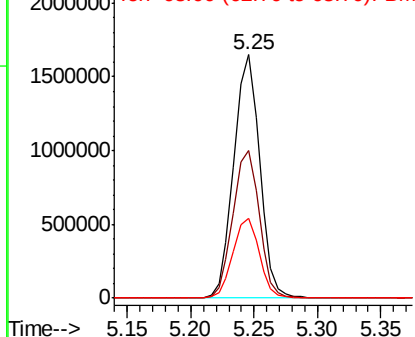


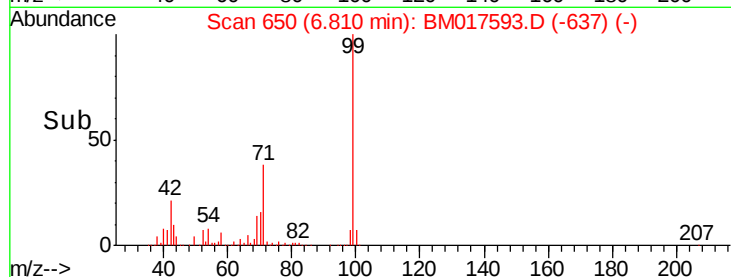
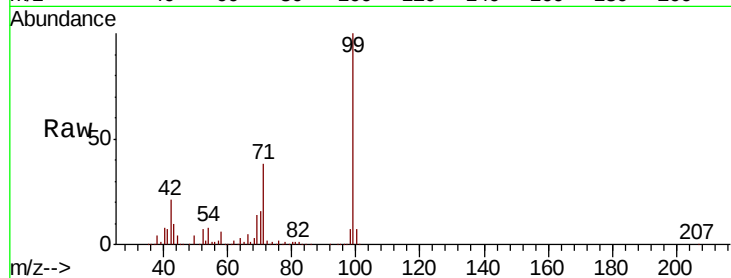
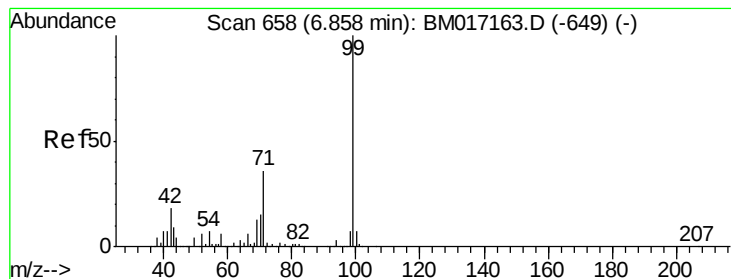
Abundance

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: 169.205 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

Instrument :

BNA_M

ClientSampleId :

EP2-SB-106(8.5-10.5)

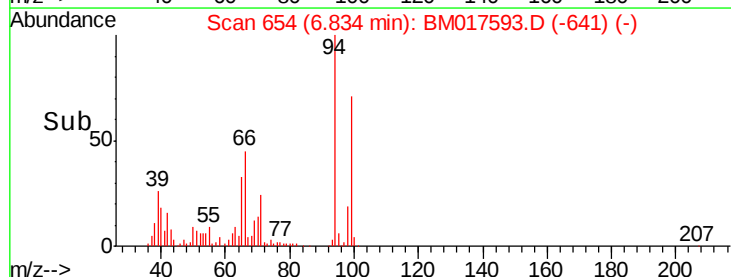
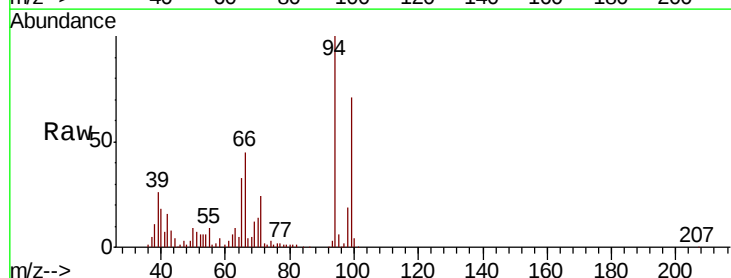
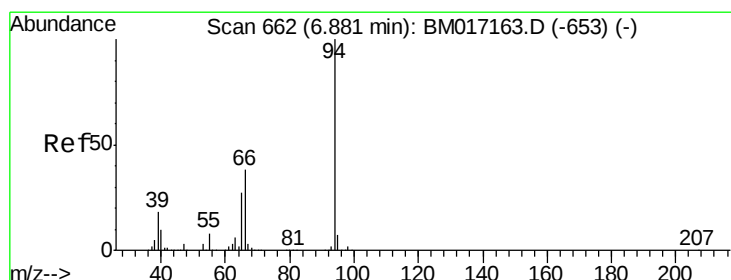
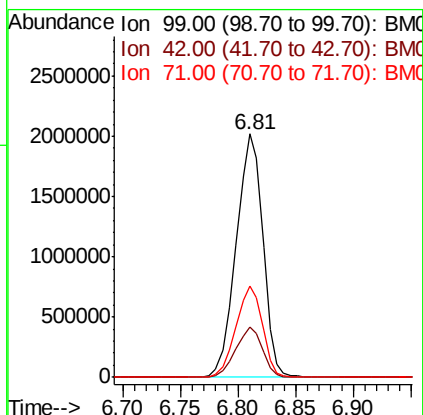
Tot Ion: 99 Resp: 3236111

Ion Ratio Lower Upper

99 100

42 20.6 13.3 19.9#

71 37.7 28.0 42.0



#10

Phenol

Concen: 10.257 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.02 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

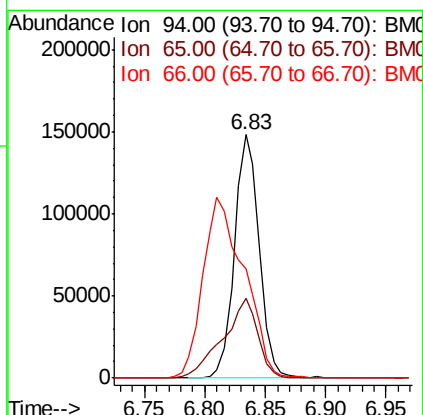
Tgt Ion: 94 Resp: 211133

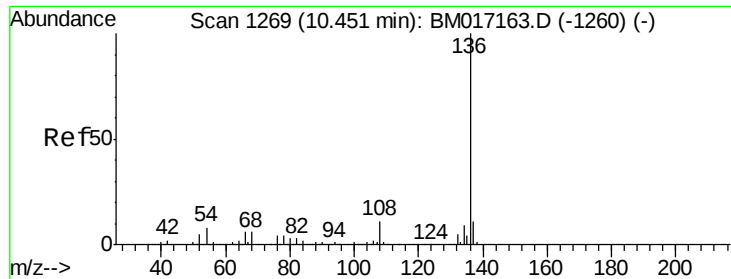
Ion Ratio Lower Upper

94 100

65 32.7 9.4 49.4

66 45.1 19.0 59.0

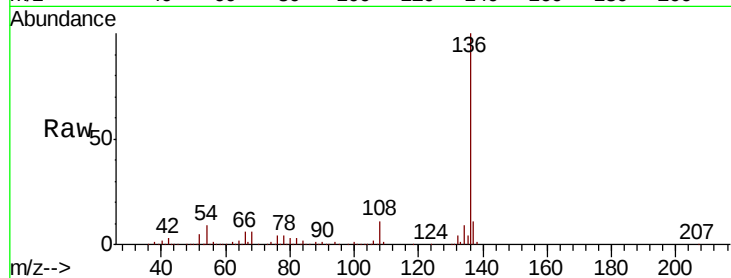




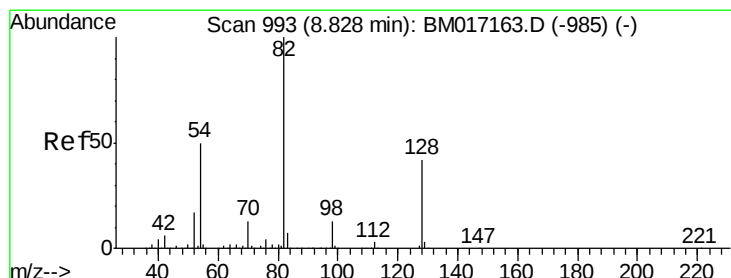
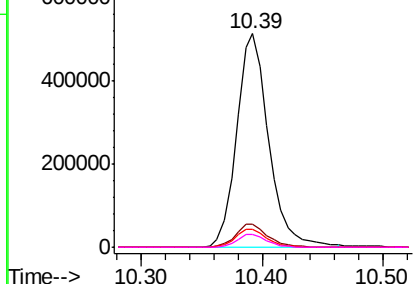
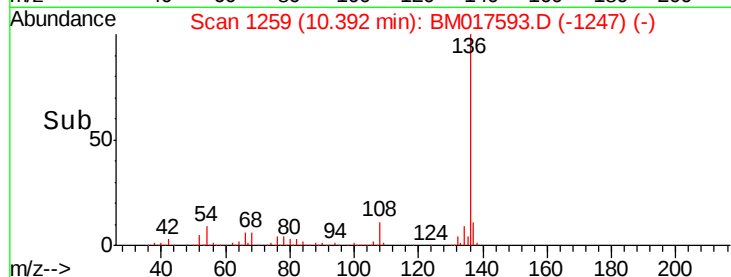
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

Instrument :
BNA_M
ClientSampleId :
EP2-SB-106(8.5-10.5)

Tot Ion:136	Resp:	951734
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.2	13.8
54 8.7	6.7	10.1
68 5.9	4.7	7.1

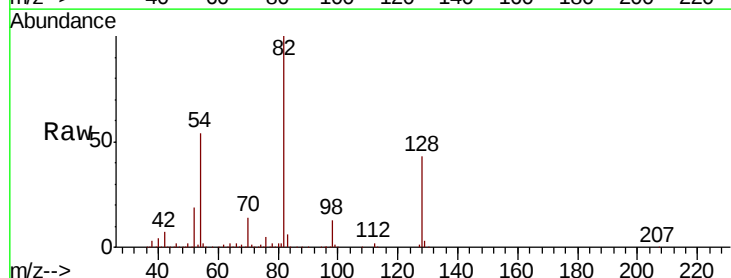


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

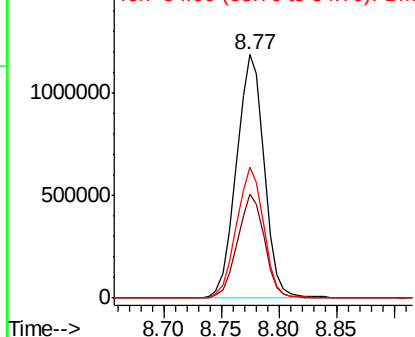
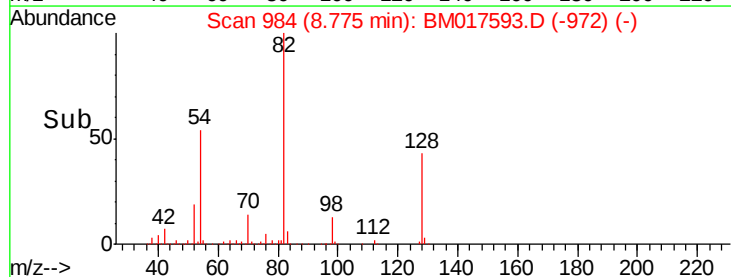


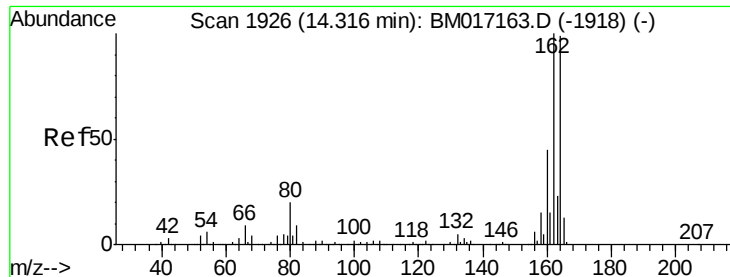
#23
Nitrobenzene-d5
Concen: 121.461 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

Tgt	Ion: 82	Resp: 1976527	
Ion	Ratio	Lower	Upper
82	100		
128	42.6	37.0	55.6
54	53.9	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
1500000
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: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

Instrument :

BNA_M

ClientSampleId :

EP2-SB-106(8.5-10.5)

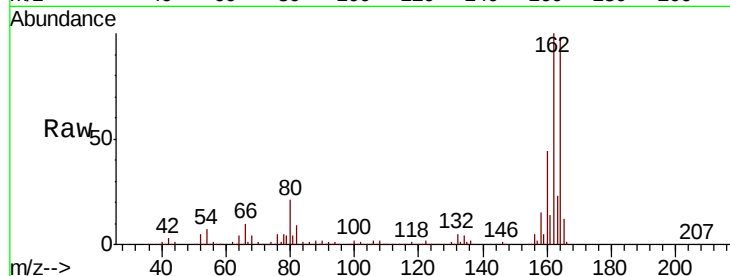
Tot Ion:164 Resp: 549855

Ion Ratio Lower Upper

164 100

162 102.2 82.1 123.1

160 45.1 40.2 60.2

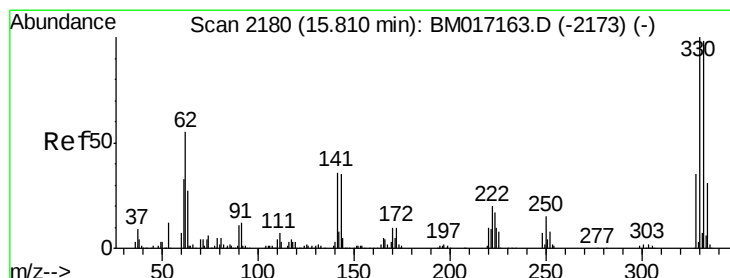
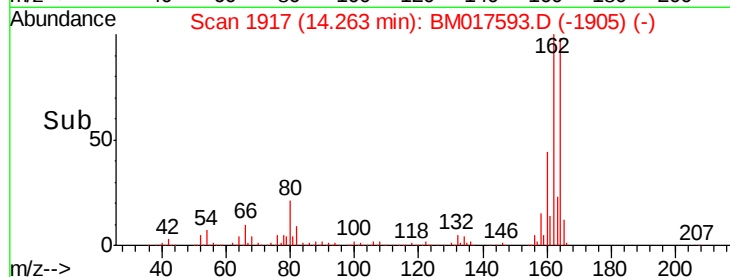
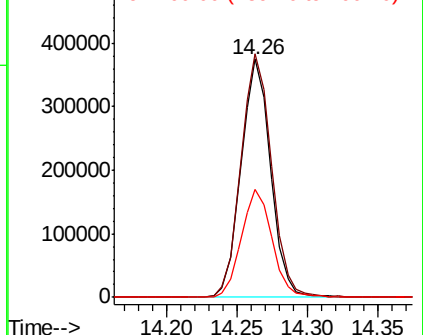


Abundance

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: 183.617 ng

RT: 15.76 min Scan# 2172

Delta R.T. -0.03 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

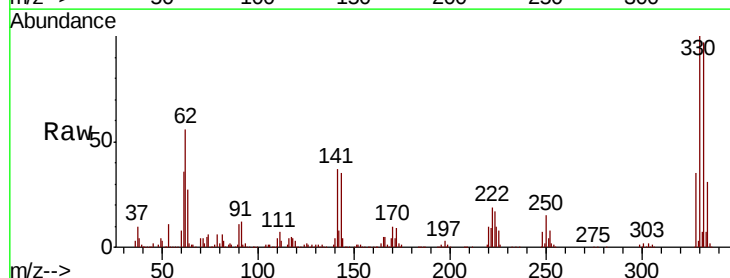
Tgt Ion:330 Resp: 1365373

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 35.1 27.4 41.0

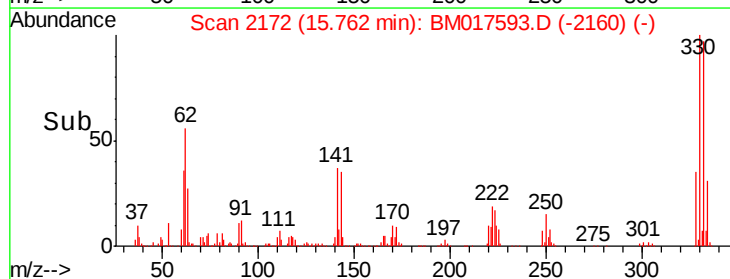
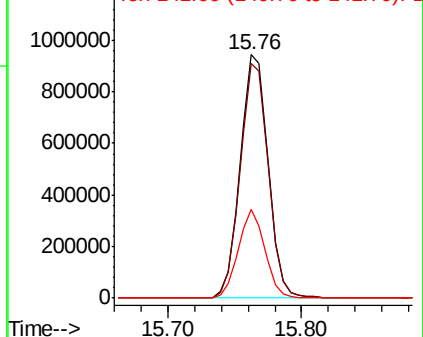


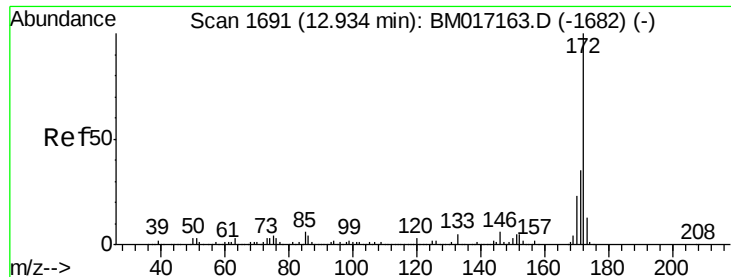
Abundance

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

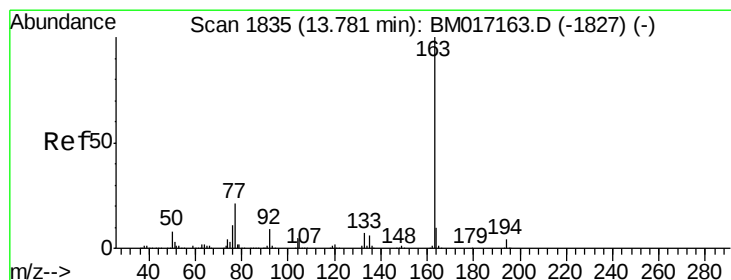
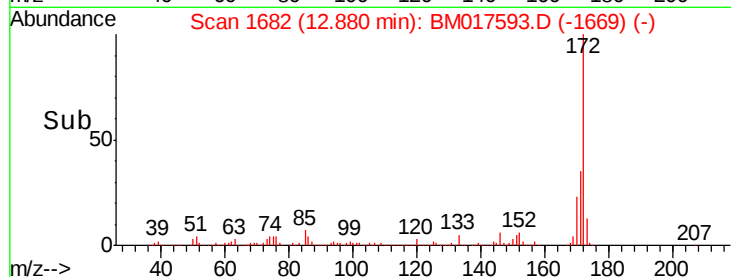
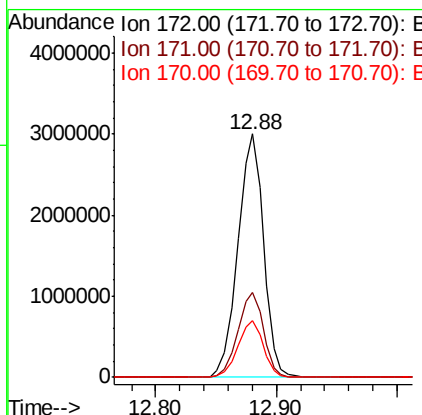
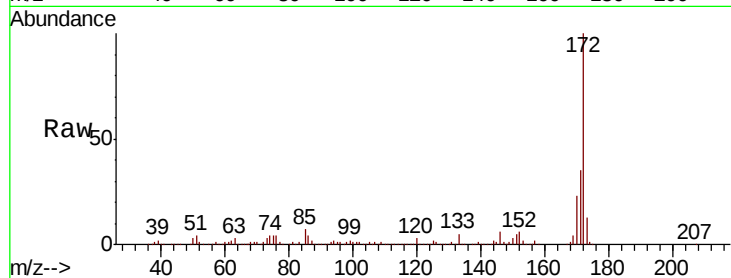




#45
2-Fluorobiphenyl
Concen: 107.994 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

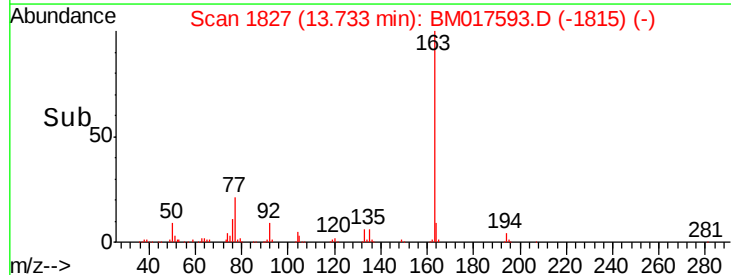
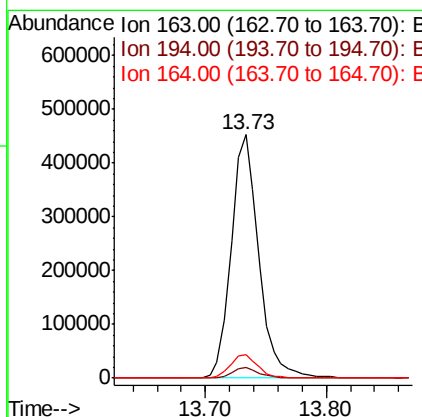
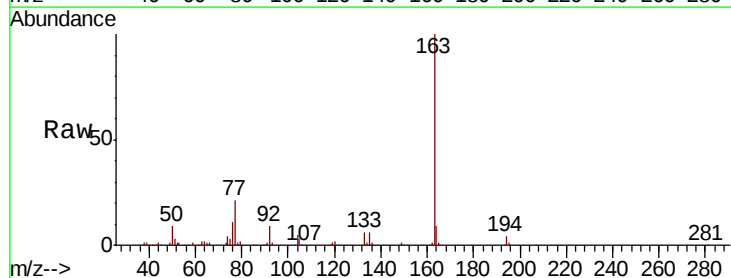
Instrument :
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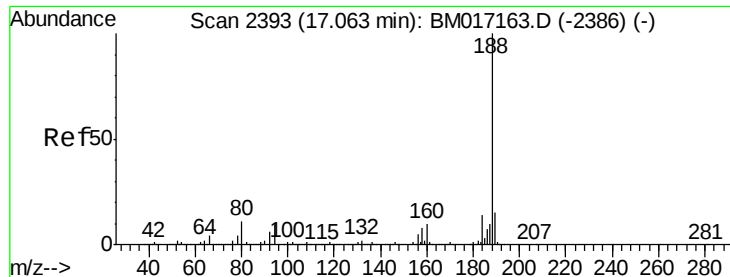
Tot Ion:172 Resp: 4462912
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 18.3 27.5



#50
Dimethylphthalate
Concen: 16.939 ng
RT: 13.73 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BM017593.D
Acq: 09 Nov 2018 16:11

Tgt Ion:163 Resp: 718574
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.5 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.03 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

Instrument :

BNA_M

ClientSampleId :

EP2-SB-106(8.5-10.5)

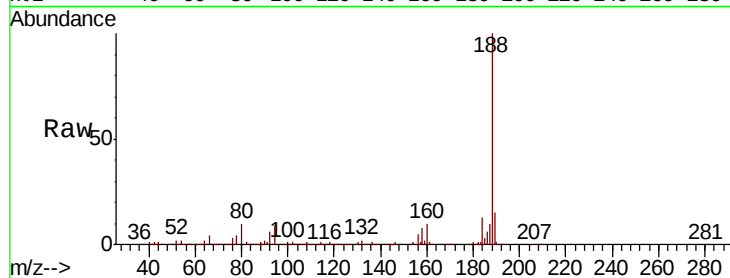
Tot Ion:188 Resp: 1286703

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

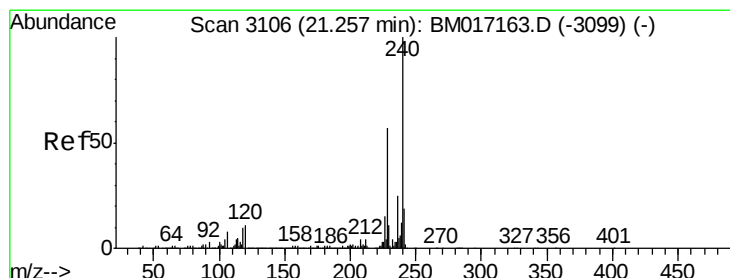
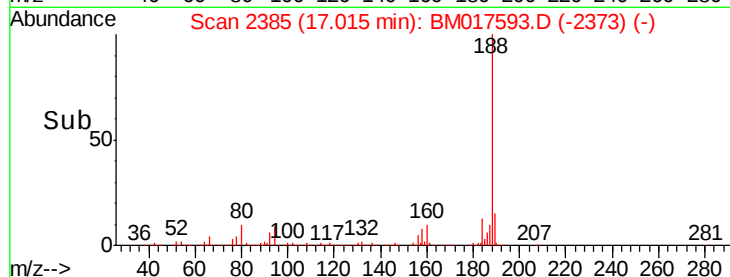
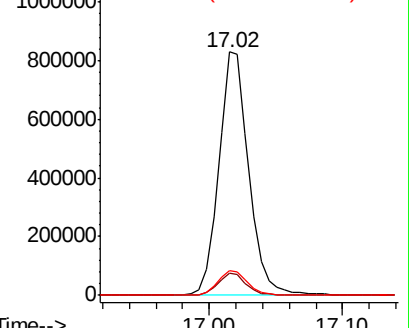
80 10.4 7.7 11.5



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: 21.22 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

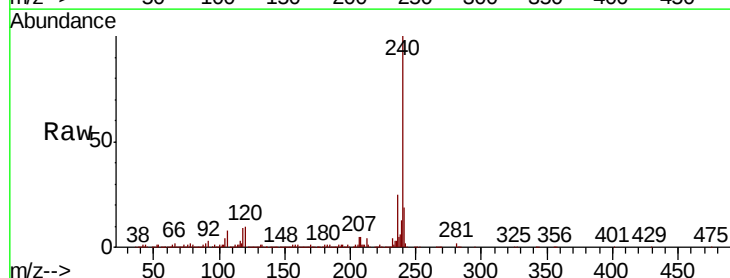
Tgt Ion:240 Resp: 1416127

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

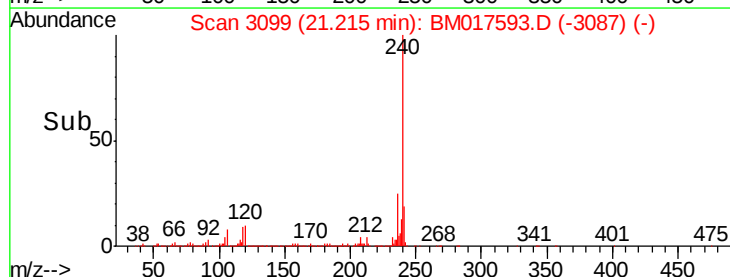
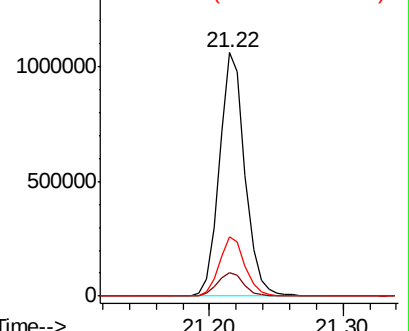
236 24.5 19.9 29.9

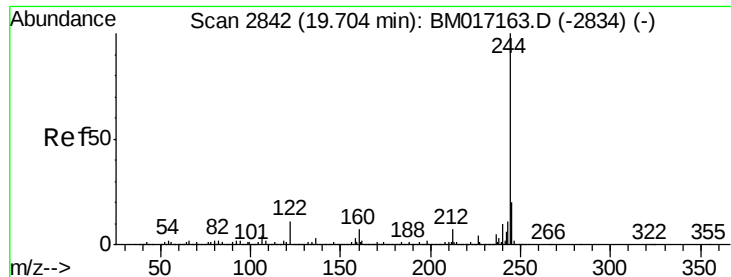


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.871 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

Instrument :

BNA_M

ClientSampleId :

EP2-SB-106(8.5-10.5)

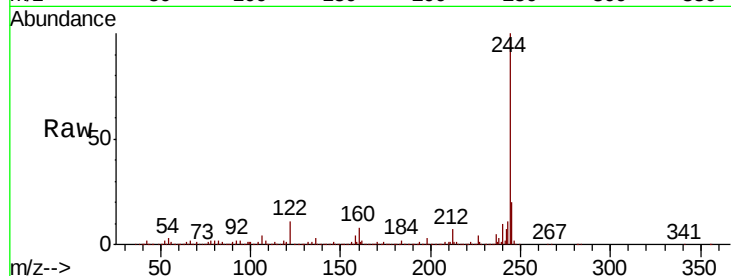
Tot Ion:244 Resp: 6840069

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

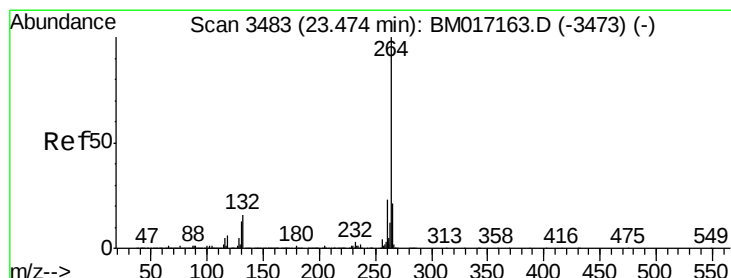
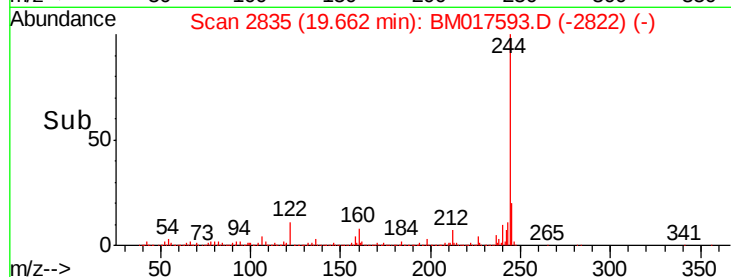
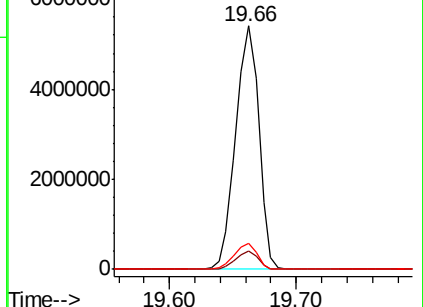
122 10.8 8.4 12.6



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. -0.04 min

Lab File: BM017593.D

Acq: 09 Nov 2018 16:11

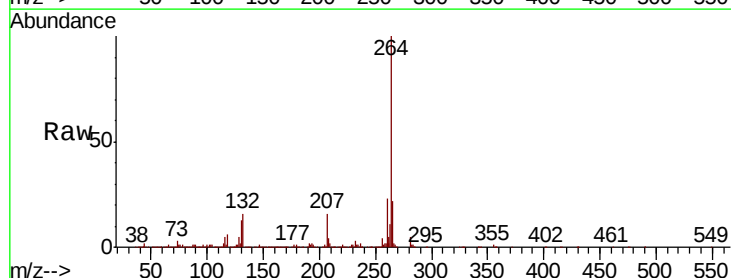
Tgt Ion:264 Resp: 1348925

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.4 17.8 26.8



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

