

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019221.D
 Acq On : 18 Mar 2019 18:28
 Operator : JU/SJ
 Sample : K1935-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-18(14-15)

Quant Time: Mar 19 07:22:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

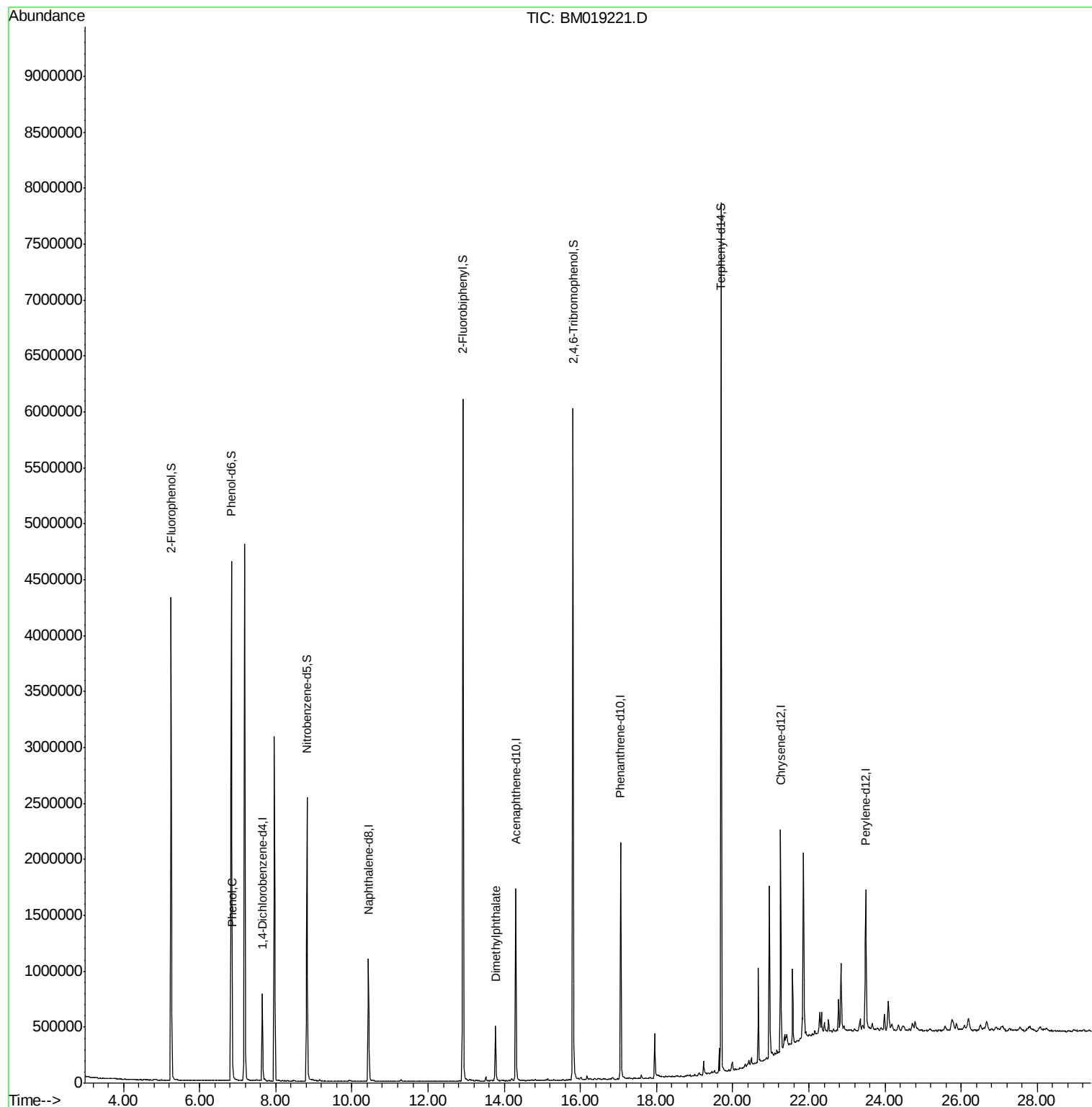
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	207785	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	912750	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	564260	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1203543	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	916108	20.00	ng	-0.02
87) Perylene-d12	23.49	264	854689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1795144	139.91	ng	0.00
7) Phenol-d6	6.83	99	2711429	144.48	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1681290	87.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1141739	137.05	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3014367	69.49	ng	-0.02
79) Terphenyl-d14	19.70	244	3361335	72.84	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	73510	3.635	ng	88
50) Dimethylphthalate	13.77	163	334713	6.934	ng	100

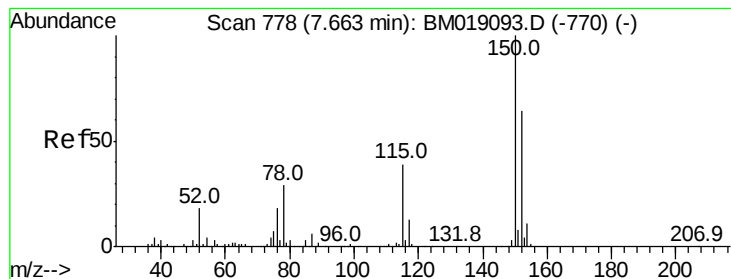
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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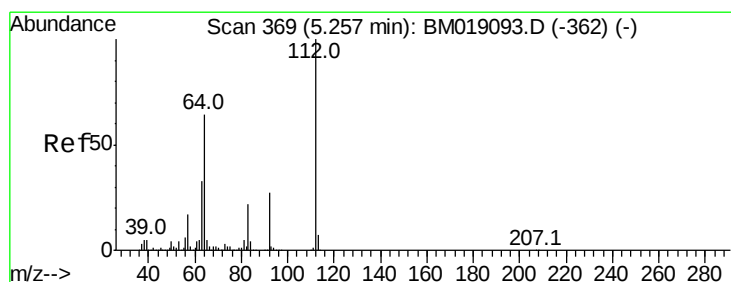
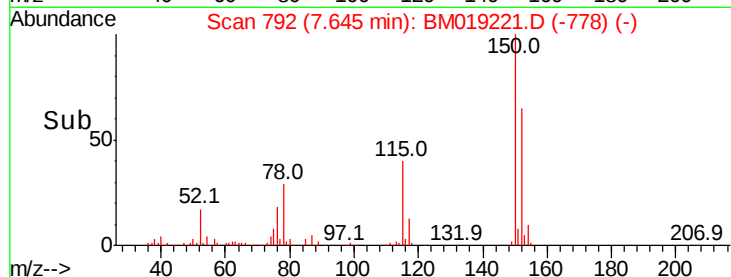
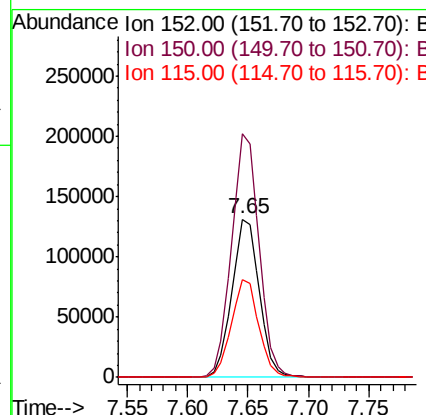
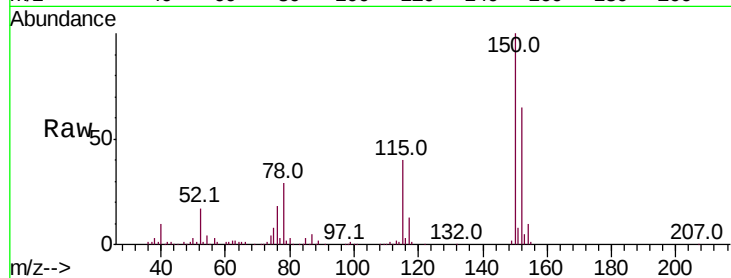


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

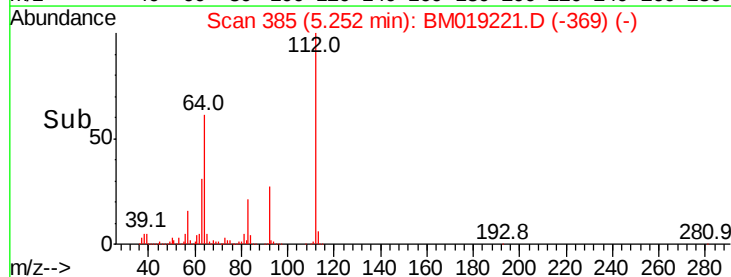
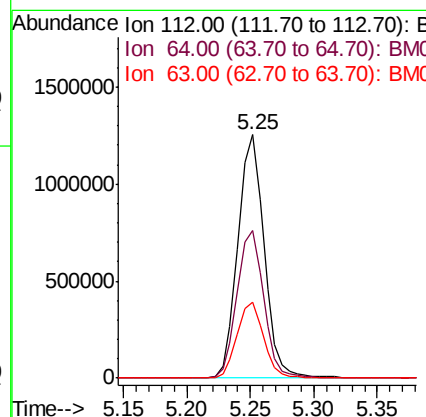
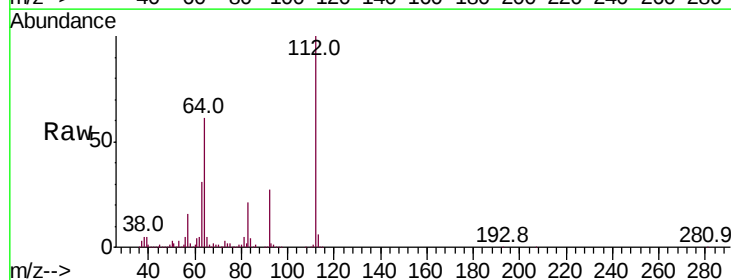
Tot Ion:152 Resp: 207785
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 61.4 49.4 74.0

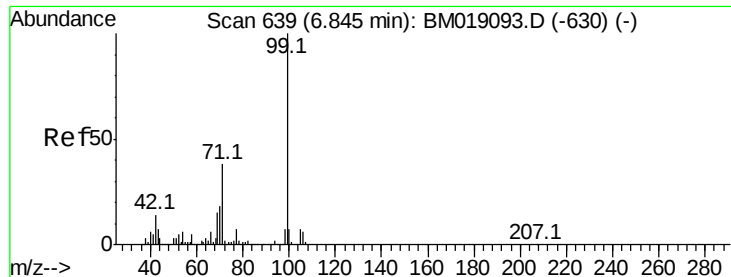


#5

2-Fluorophenol
Concen: 139.914 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Tgt Ion:112 Resp: 1795144
Ion Ratio Lower Upper
112 100
64 60.9 51.4 77.0
63 31.0 26.6 40.0





#7

Phenol-d6

Concen: 144.478 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

Instrument :

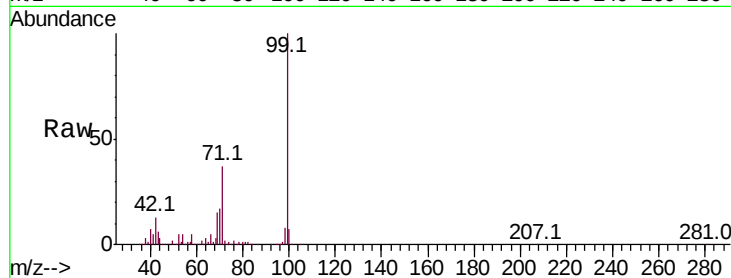
BNA_M

ClientSampleId :

SB-18(14-15)

Tot Ion: 99 Resp: 2711429

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	36.8	30.3	45.5

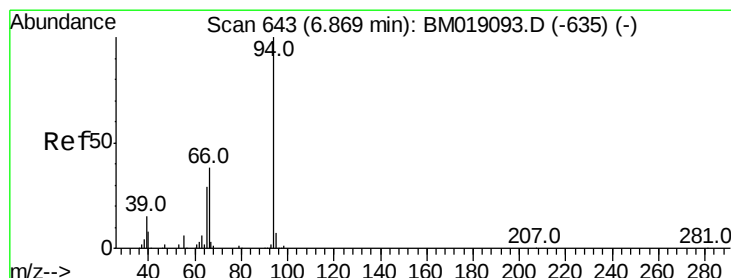
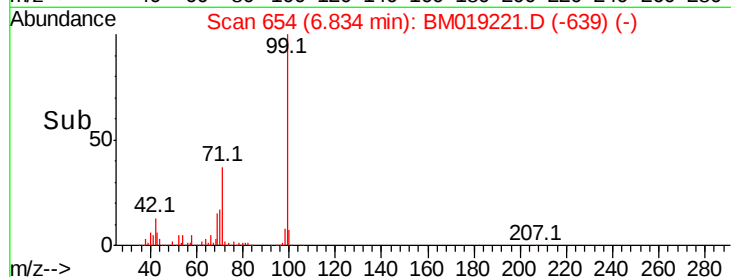
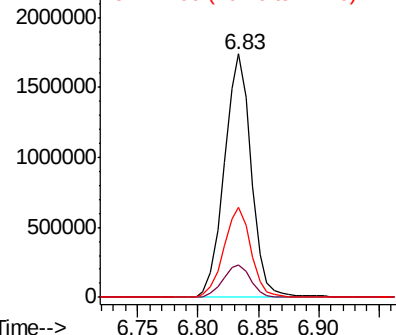


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 3.635 ng

RT: 6.86 min Scan# 658

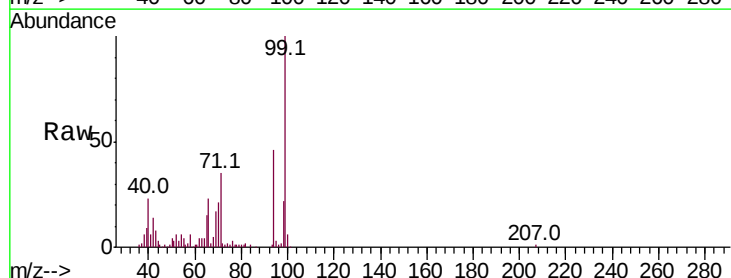
Delta R.T. -0.01 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

Tgt Ion: 94 Resp: 73510

Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.7	49.7
66	50.2	19.2	59.2

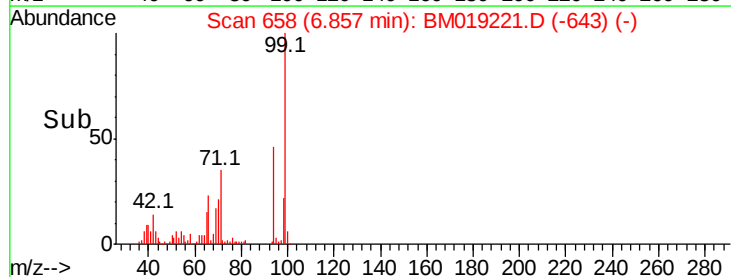
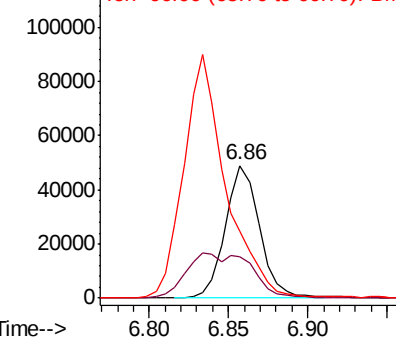


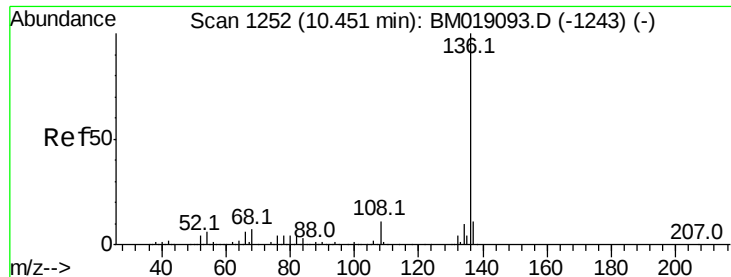
Abundance

Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

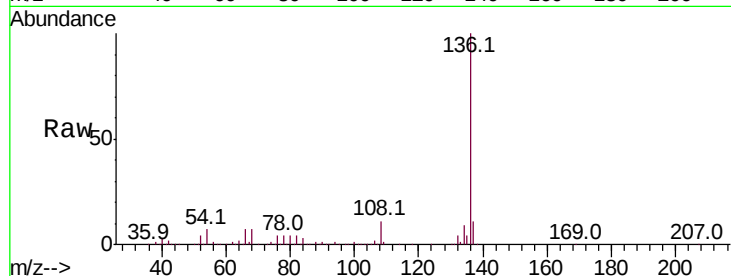




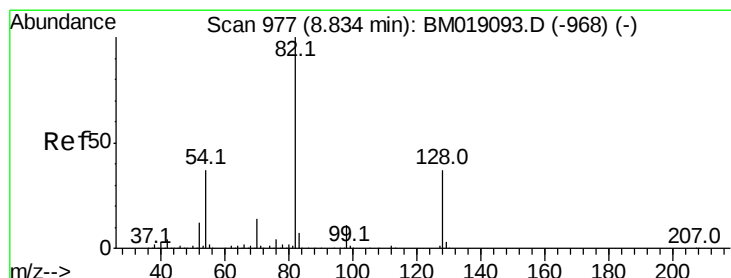
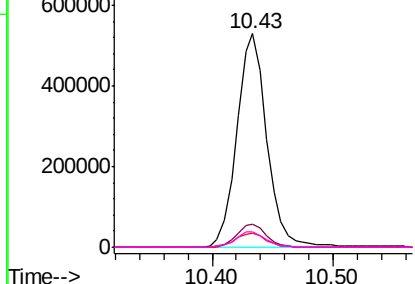
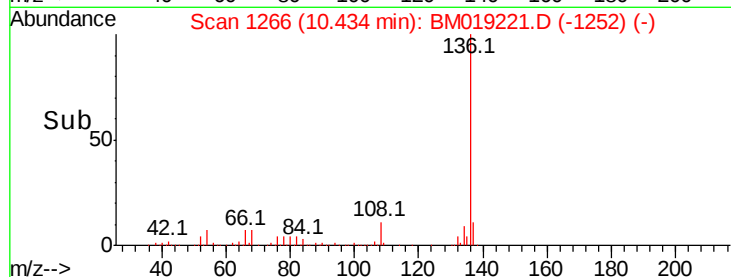
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

Tot Ion:136	Resp:	912750	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.6	13.0	
54 6.6	5.2	7.8	
68 7.4	5.8	8.8	

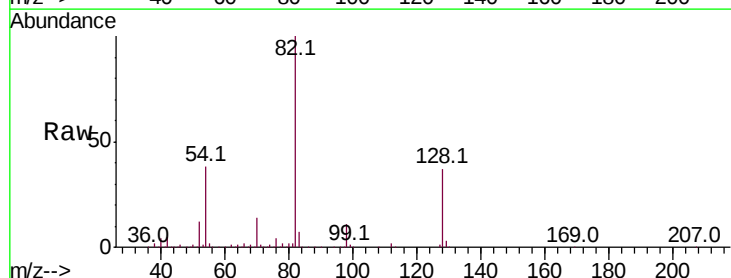


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

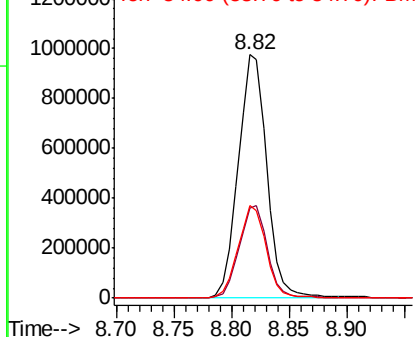
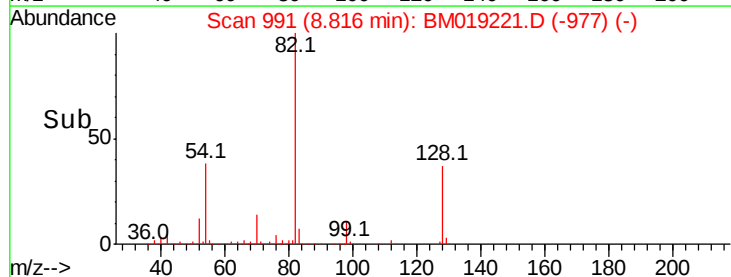


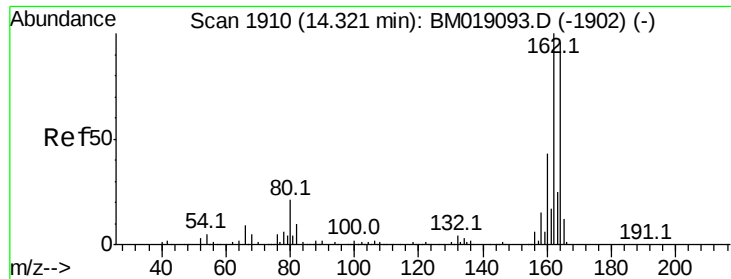
#23
Nitrobenzene-d5
Concen: 87.072 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Tgt Ion: 82	Resp: 1681290
Ion Ratio	Lower Upper
82 100	
128 37.2	29.4 44.2
54 37.8	29.9 44.9



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

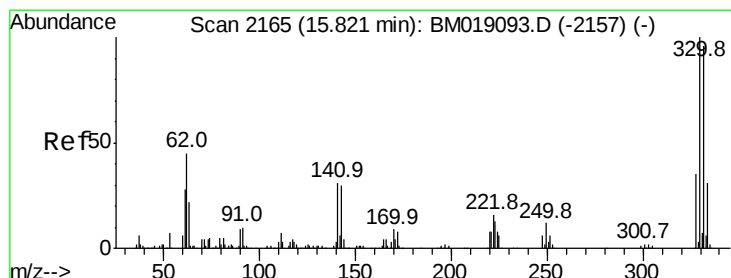
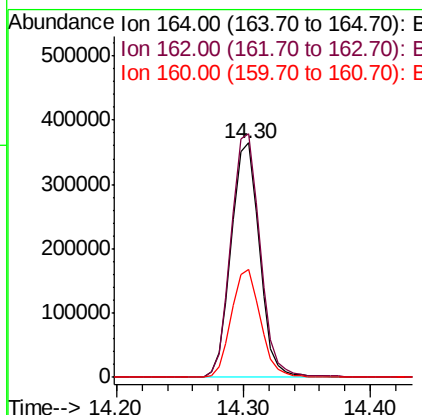
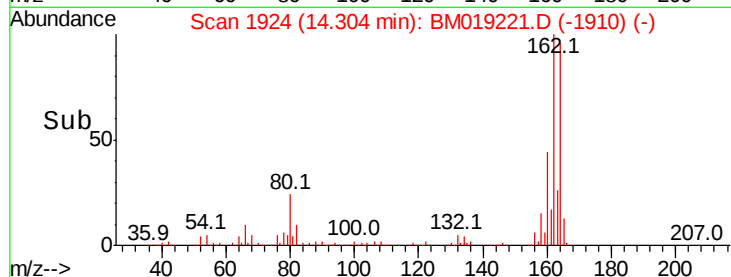
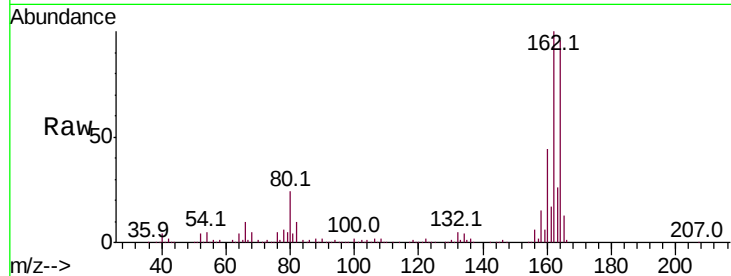




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

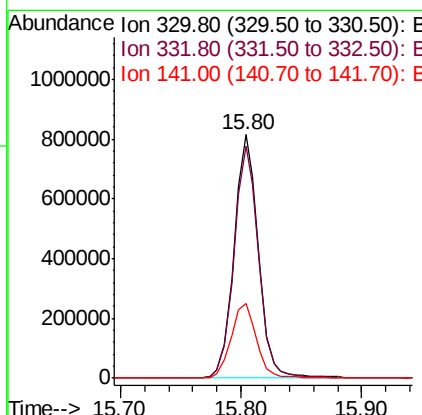
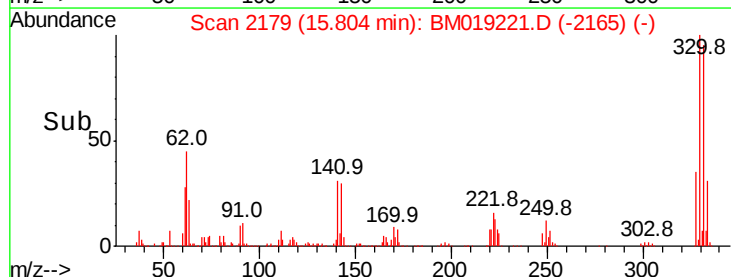
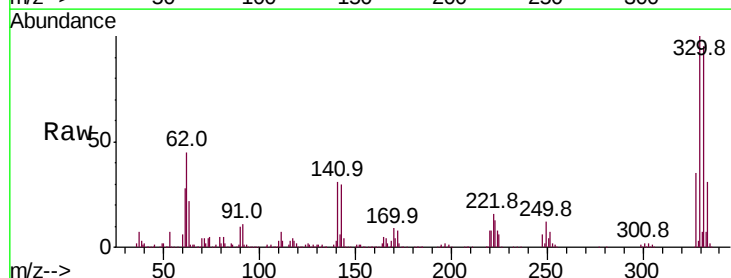
Instrument :
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ClientSampleId :
SB-18(14-15)

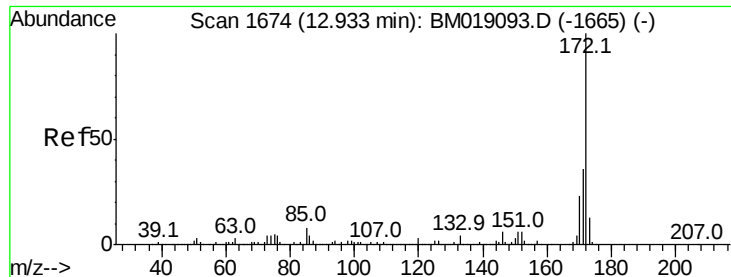
Tot Ion:164 Resp: 564260
Ion Ratio Lower Upper
164 100
162 104.0 83.5 125.3
160 46.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 137.045 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Tgt Ion:330 Resp: 1141739
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 32.3 27.0 40.4

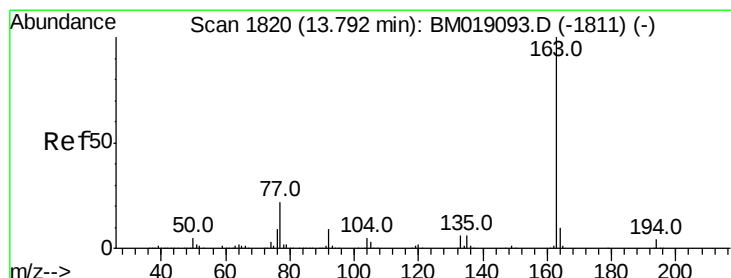
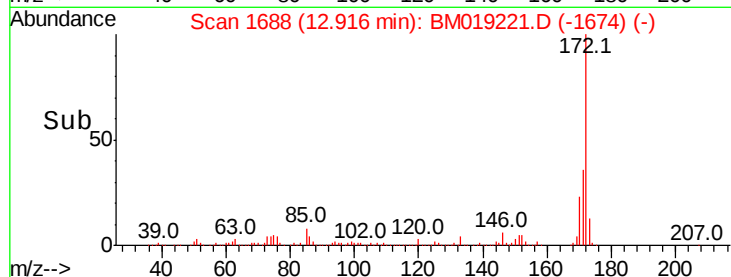
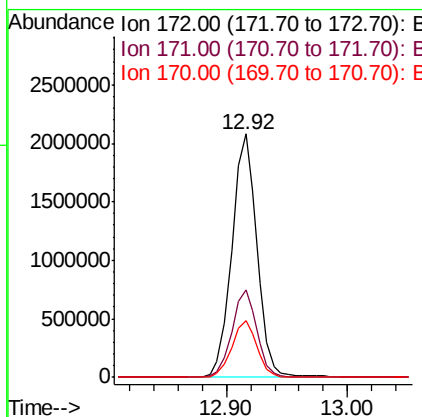
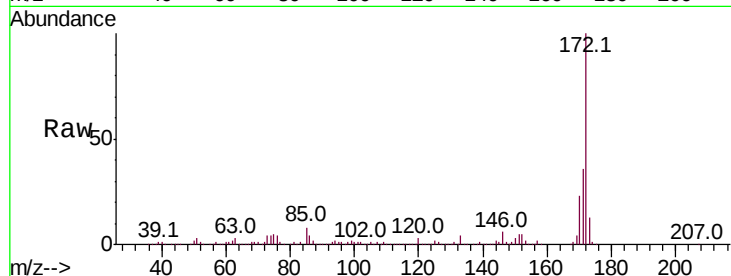




#45
2-Fluorobiphenyl
Concen: 69.489 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

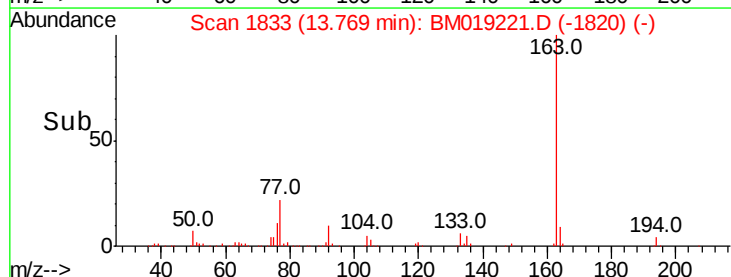
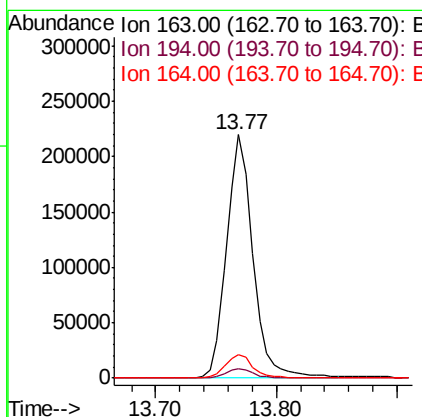
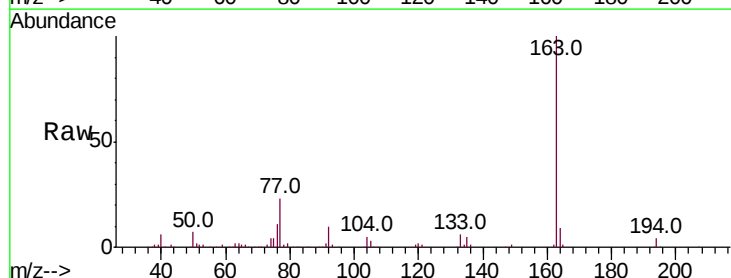
Instrument :
BNA_M
ClientSampleId :
SB-18(14-15)

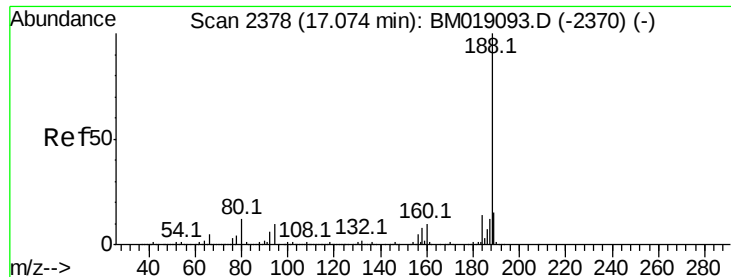
Tot Ion:172 Resp: 3014367
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.3 18.6 28.0



#50
Dimethylphthalate
Concen: 6.934 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM019221.D
Acq: 18 Mar 2019 18:28

Tgt Ion:163 Resp: 334713
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

Instrument :

BNA_M

ClientSampleId :

SB-18(14-15)

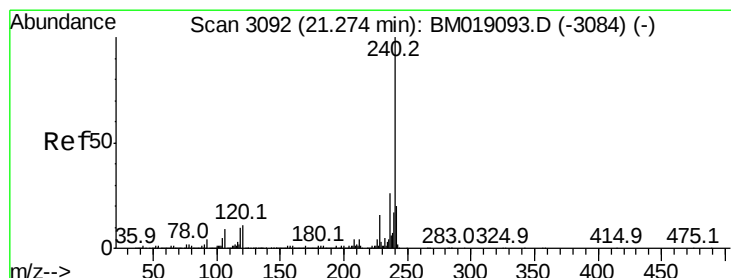
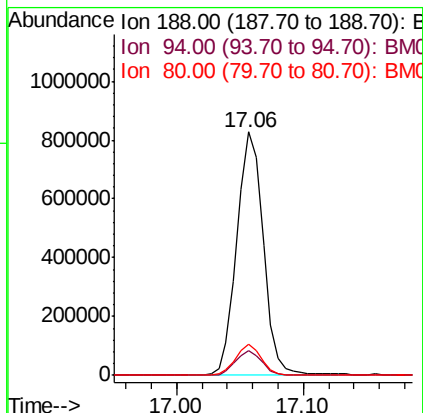
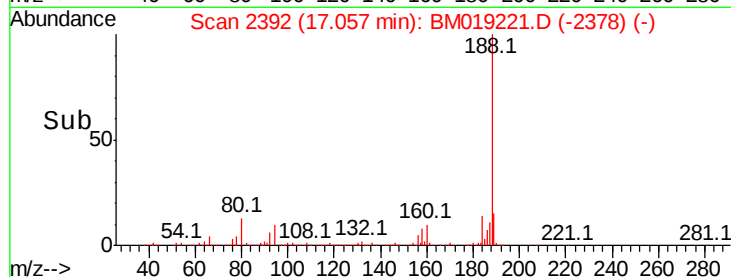
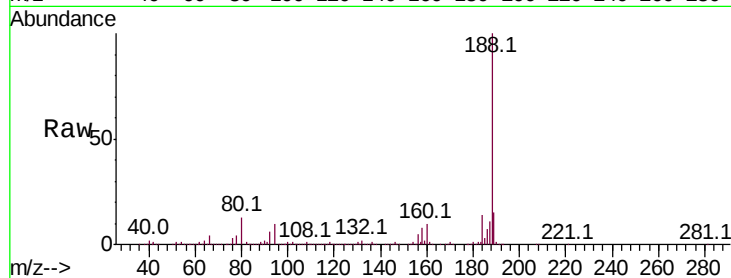
Tot Ion:188 Resp: 1203543

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 12.7 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

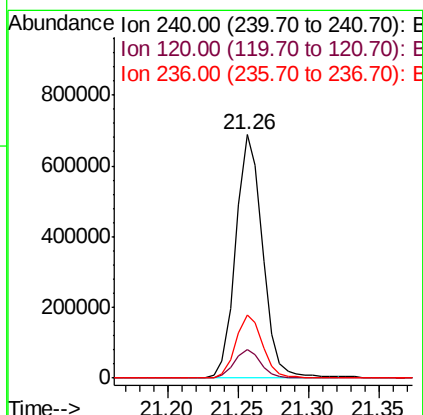
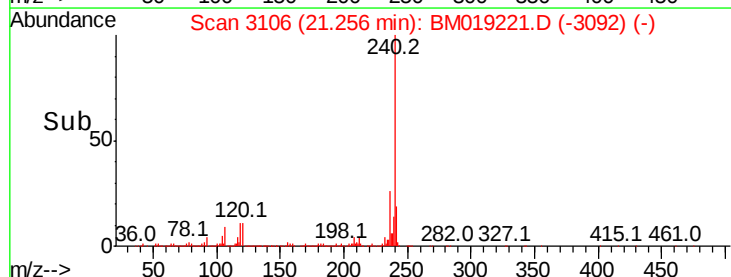
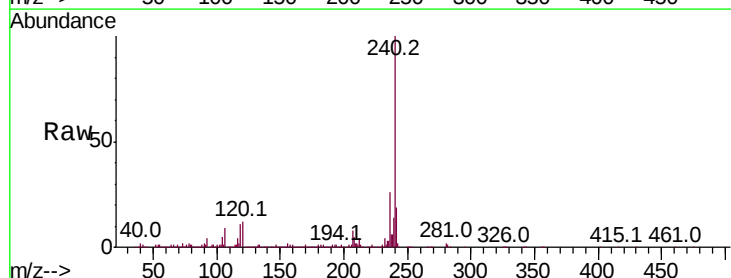
Tgt Ion:240 Resp: 916108

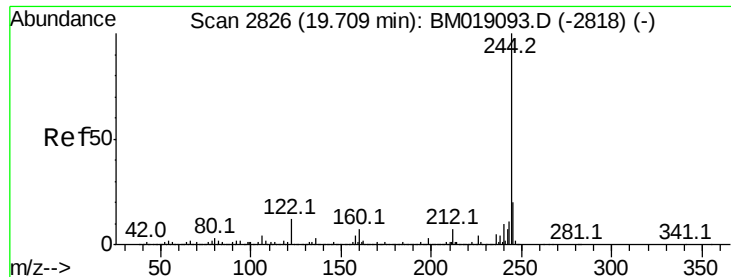
Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 72.841 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

Instrument :

BNA_M

ClientSampleId :

SB-18(14-15)

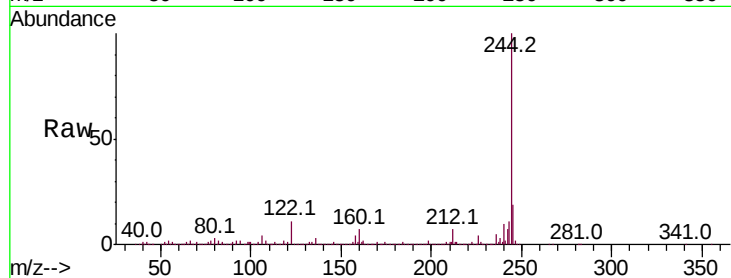
Tot Ion:244 Resp: 3361335

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

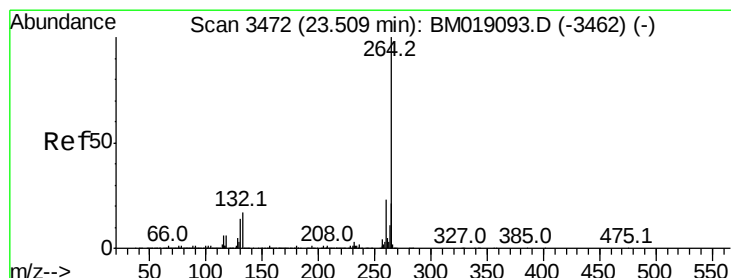
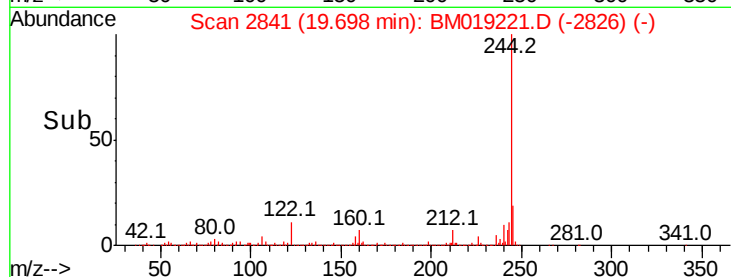
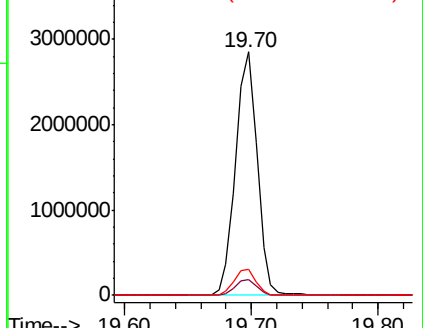
122 10.8 9.4 14.2



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: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019221.D

Acq: 18 Mar 2019 18:28

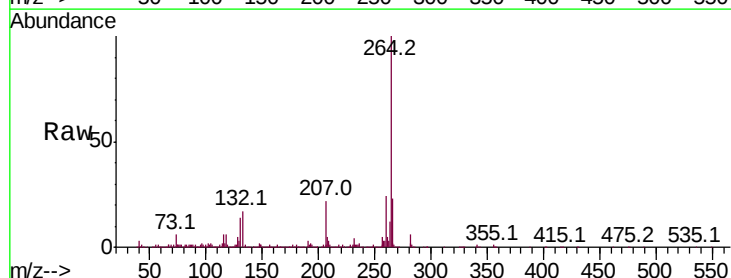
Tgt Ion:264 Resp: 854689

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.6 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

