

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018918.D
 Acq On : 25 Feb 2019 18:00
 Operator : JU/SJ
 Sample : K1597-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-25

Quant Time: Feb 26 00:08:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

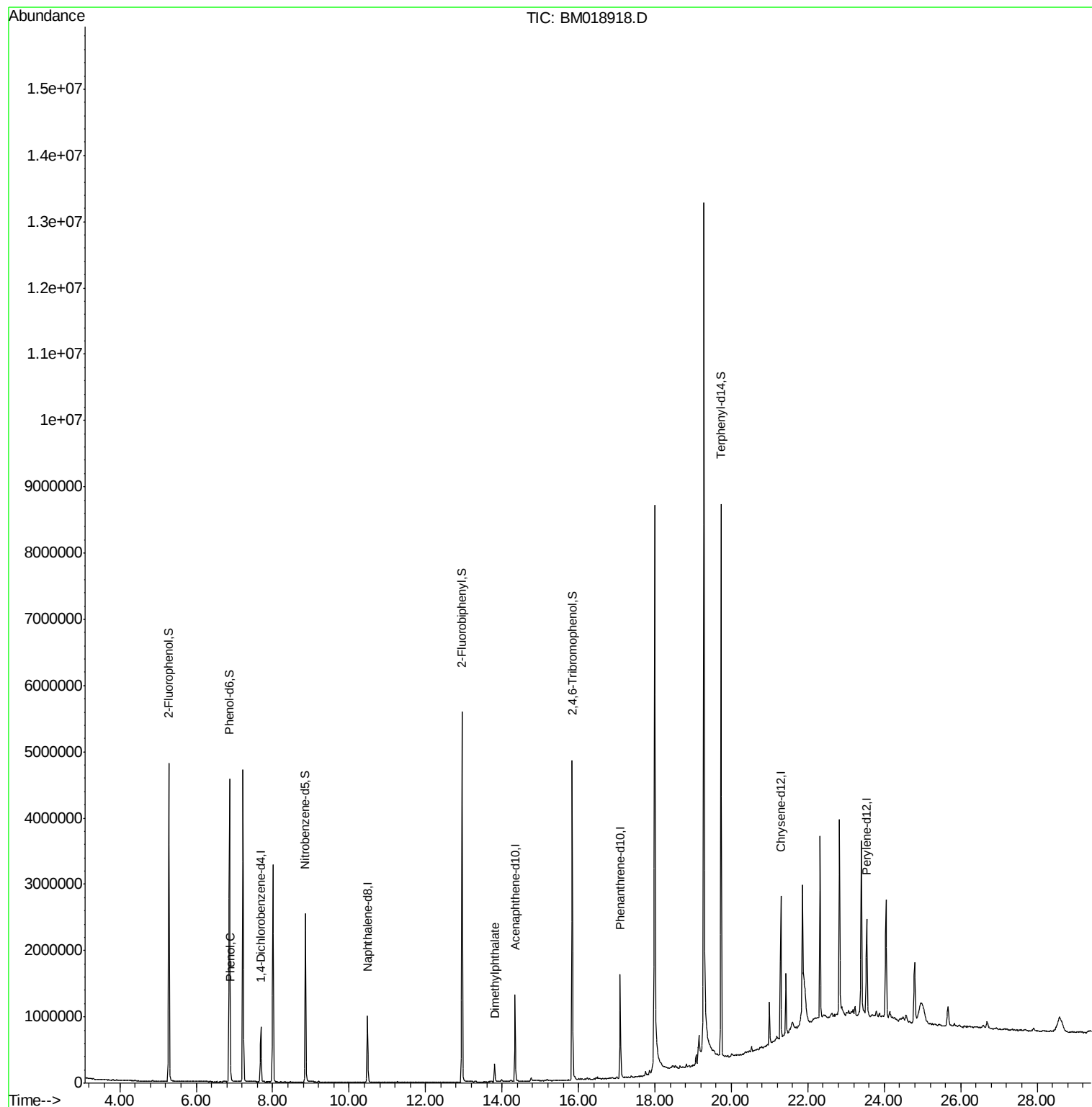
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	219982	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	813330	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	417831	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	897622	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	923394	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1049861	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1931216	143.84	ng	-0.02
7) Phenol-d6	6.87	99	2575401	136.16	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1617610	91.96	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	858879	142.60	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2682389	85.22	ng	-0.02
79) Terphenyl-d14	19.73	244	3599168	80.41	ng	-0.02
Target Compounds						
10) Phenol	6.89	94	91730	4.609	ng	90
50) Dimethylphthalate	13.80	163	180261	5.177	ng	98

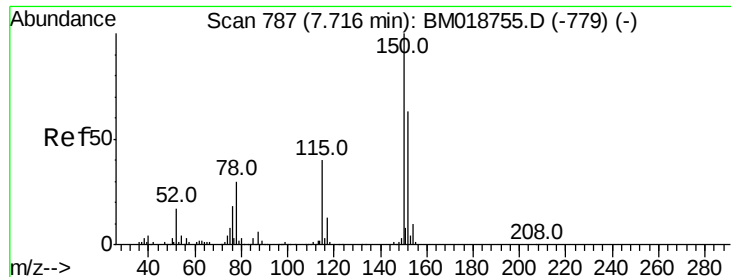
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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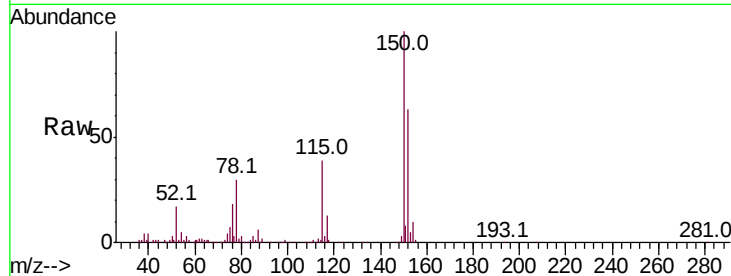


#1

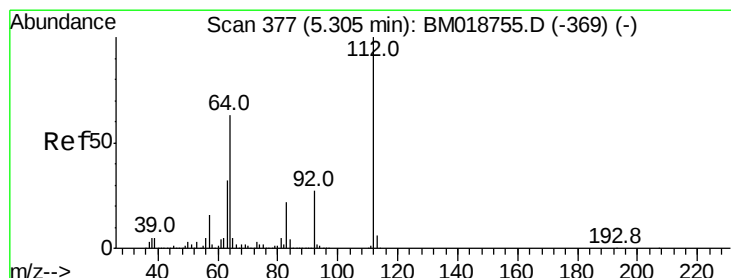
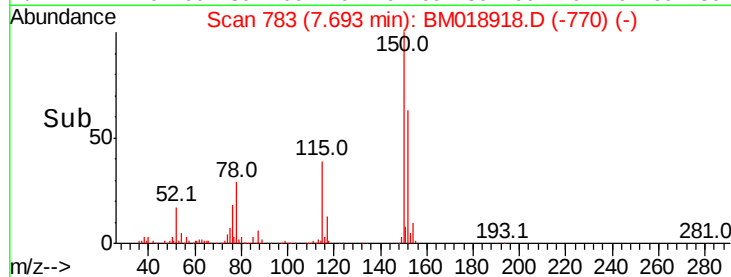
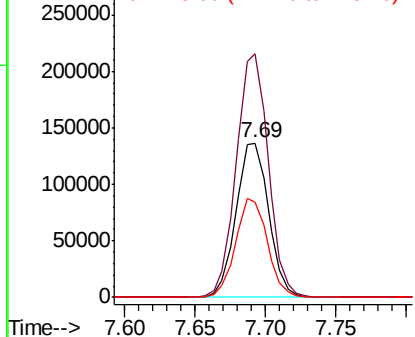
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Instrument :
BNA_M
ClientSampled :
TP-25

Tot Ion:152 Resp: 219982
Ion Ratio Lower Upper
152 100
150 157.8 127.3 190.9
115 61.8 50.8 76.2



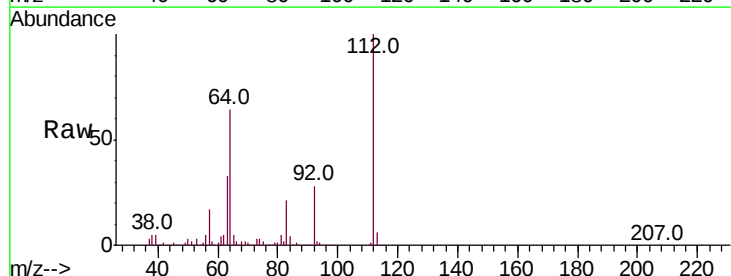
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



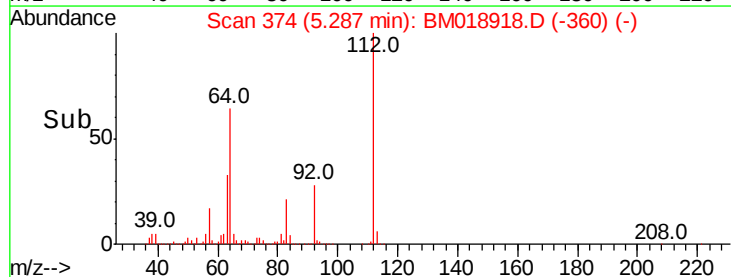
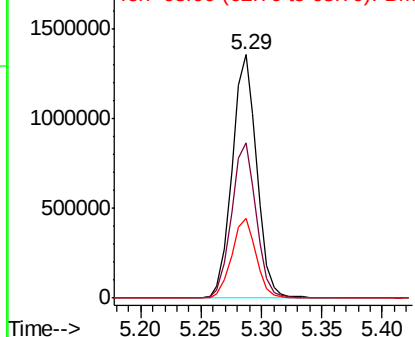
#5

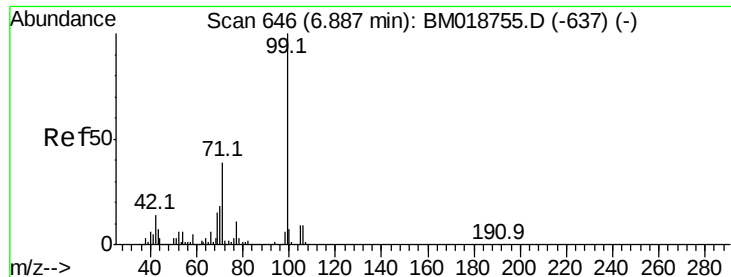
2-Fluorophenol
Concen: 143.841 ng
RT: 5.29 min Scan# 374
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Tgt Ion:112 Resp: 1931216
Ion Ratio Lower Upper
112 100
64 63.8 50.6 75.8
63 32.7 25.7 38.5



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: 136.164 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

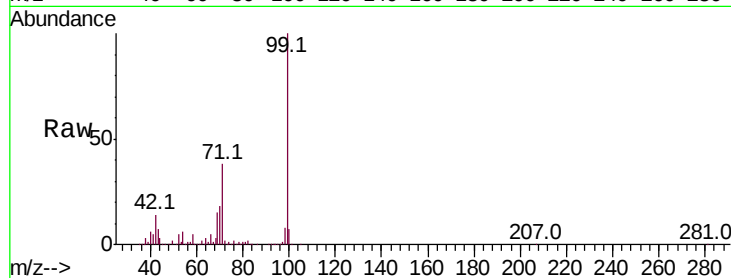
BNA_M

ClientSampleId :

TP-25

Tot Ion: 99 Resp: 2575401

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	38.0	31.3	46.9



Abundance

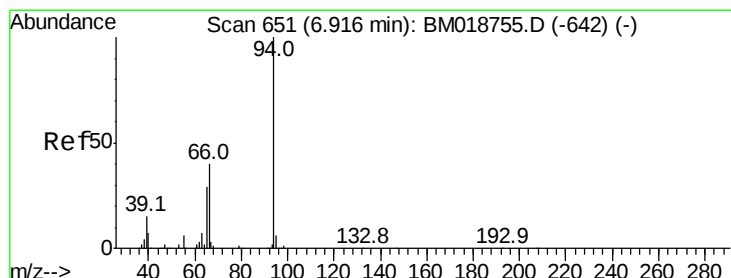
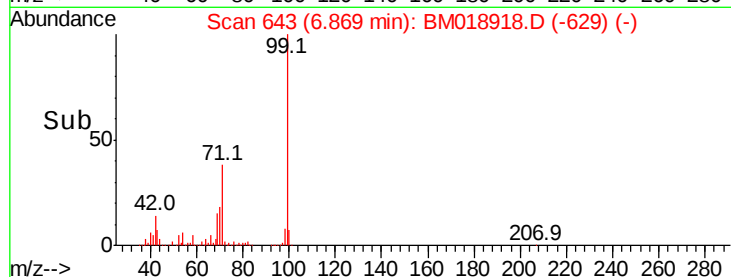
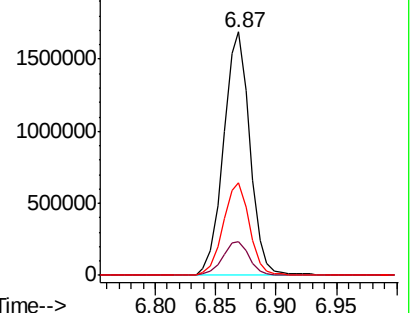
Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)

6.87

Time-->



#10

Phenol

Concen: 4.609 ng

RT: 6.89 min Scan# 647

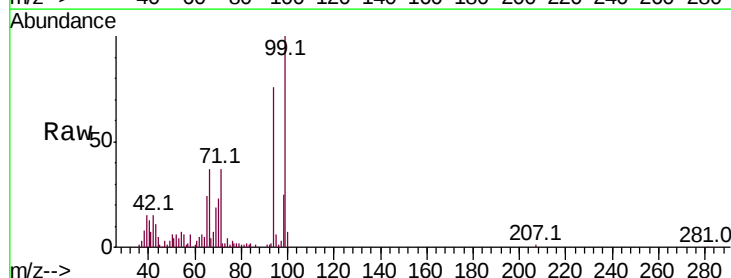
Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Tgt Ion: 94 Resp: 91730

Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.6	49.6
66	49.0	20.4	60.4



Abundance

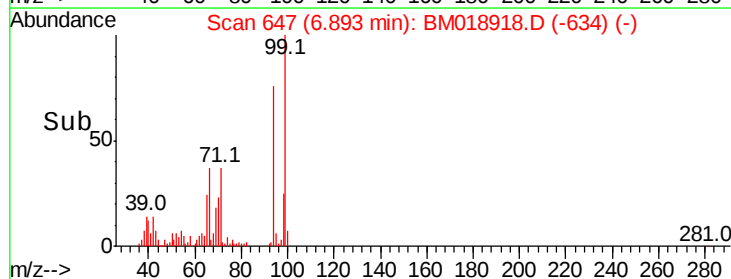
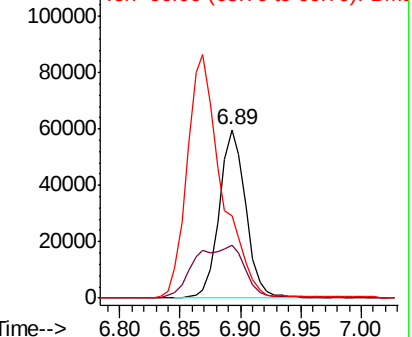
Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

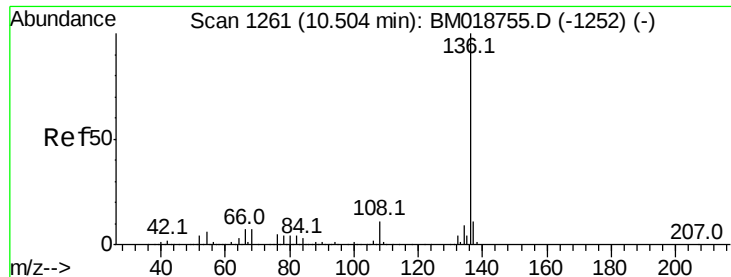
Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

6.89

Time-->

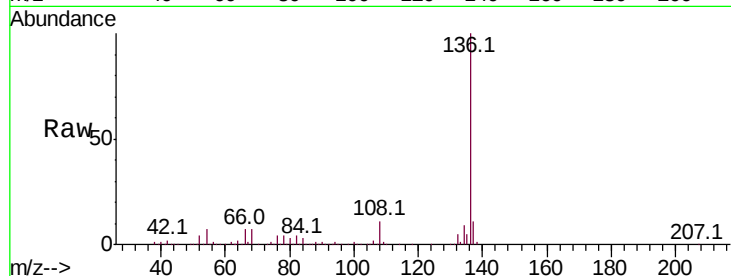




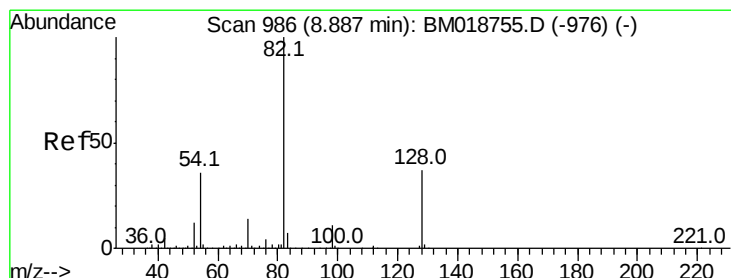
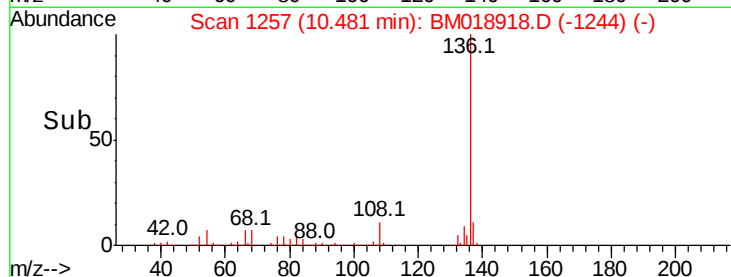
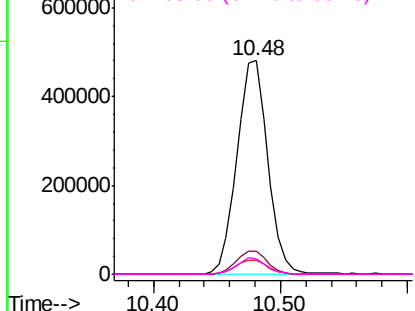
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Instrument :
BNA_M
ClientSampleId :
TP-25

Tot Ion:	136	Resp:	813330
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.0	7.6
68	7.4	5.5	8.3

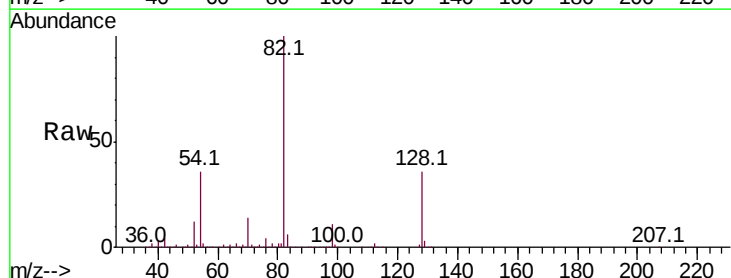


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

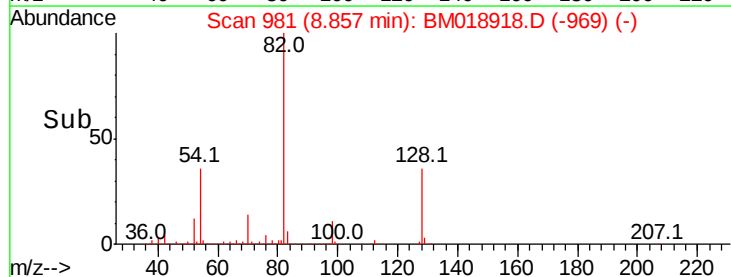
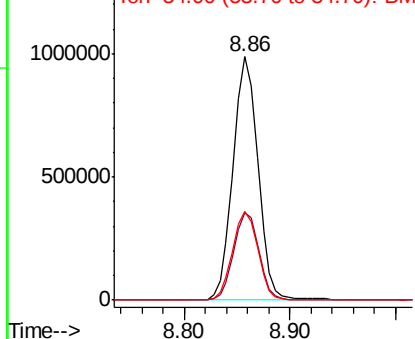


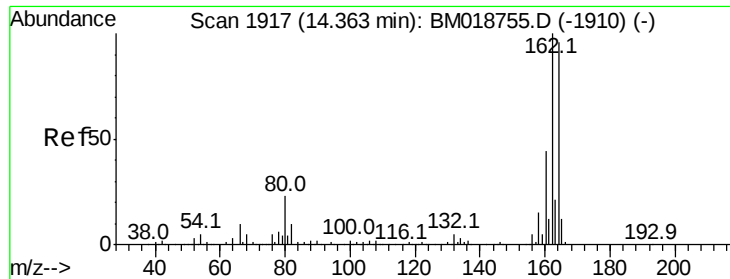
#23
Nitrobenzene-d5
Concen: 91.963 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Tgt Ion:	82	Resp:	1617610
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.9	44.9
54	36.4	29.1	43.7



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

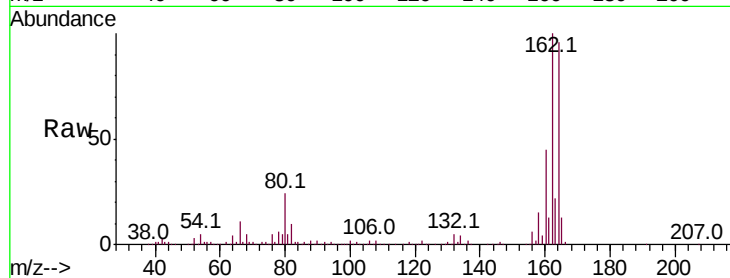




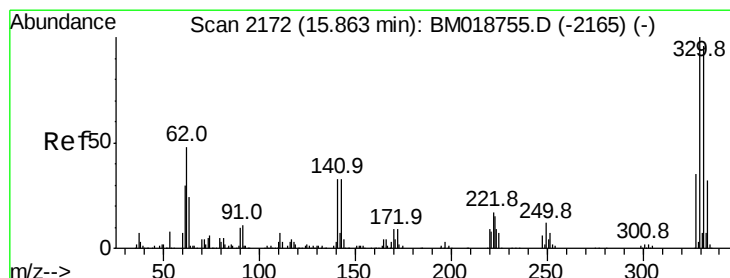
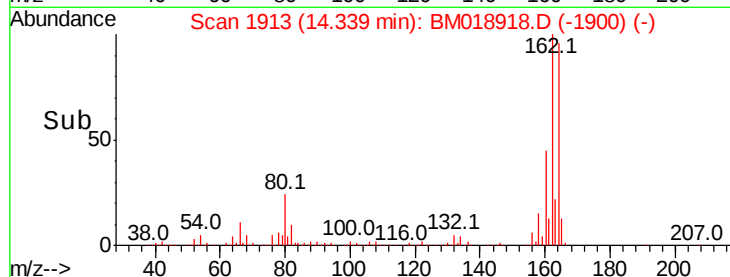
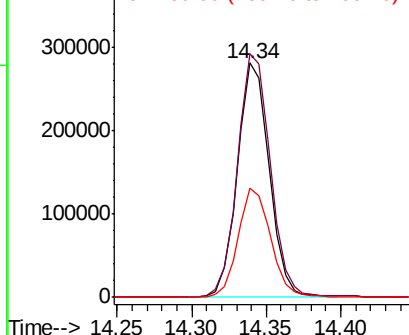
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.02 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

Instrument :
 BNA_M
 ClientSampleId :
 TP-25

Tot Ion:164 Resp: 417831
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 46.8 36.6 55.0

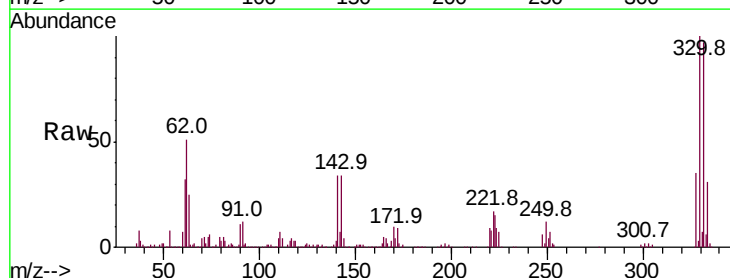


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

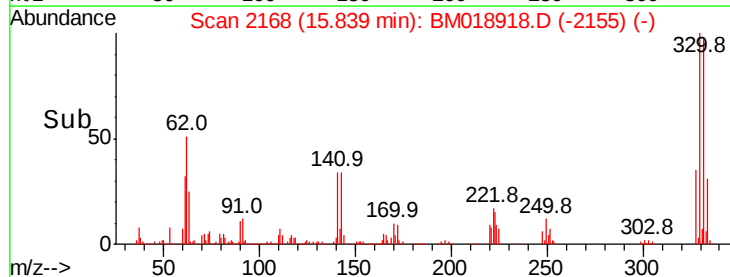
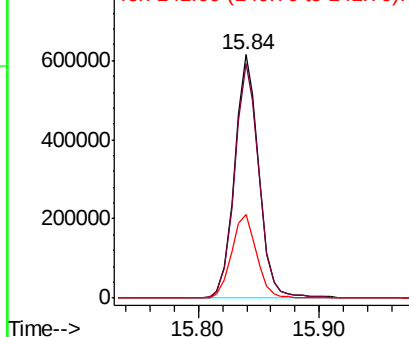


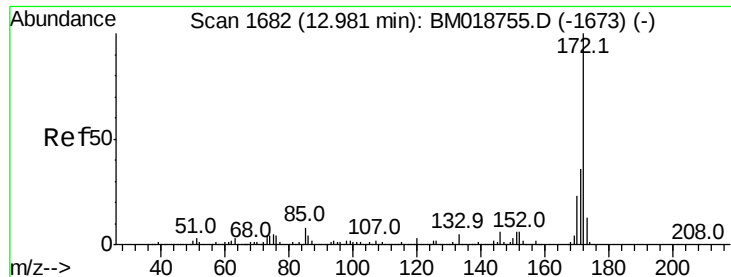
#42
 2,4,6-Tribromophenol
 Concen: 142.602 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

Tgt Ion:330 Resp: 858879
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 35.5 28.7 43.1



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

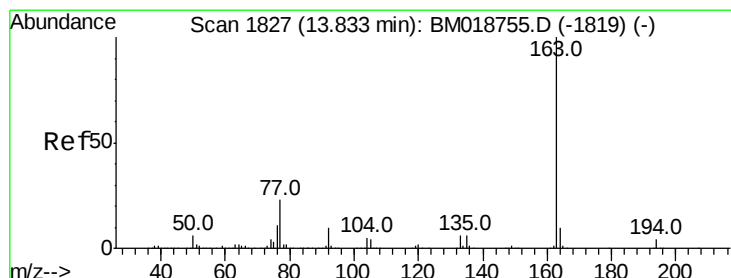
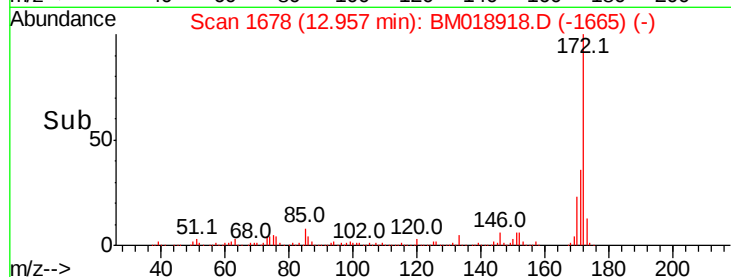
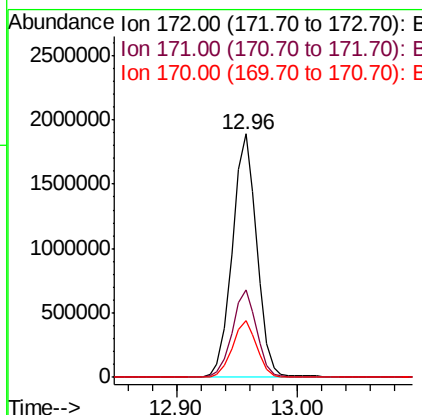
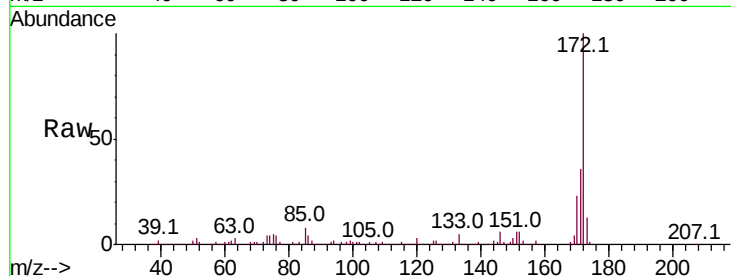




#45
2-Fluorobiphenyl
Concen: 85.221 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

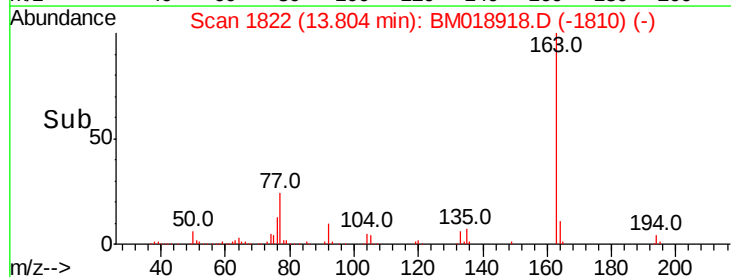
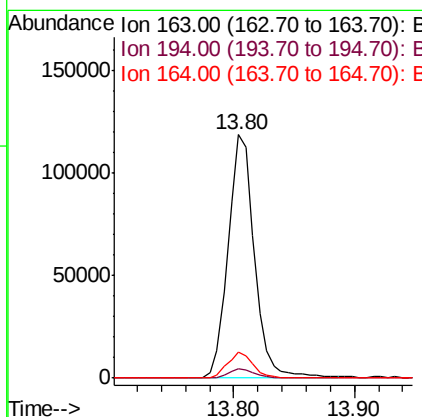
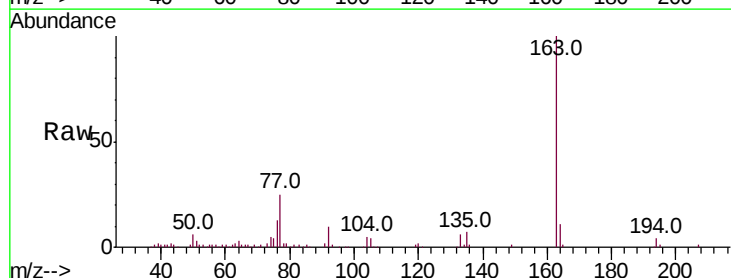
Instrument :
BNA_M
ClientSampleId :
TP-25

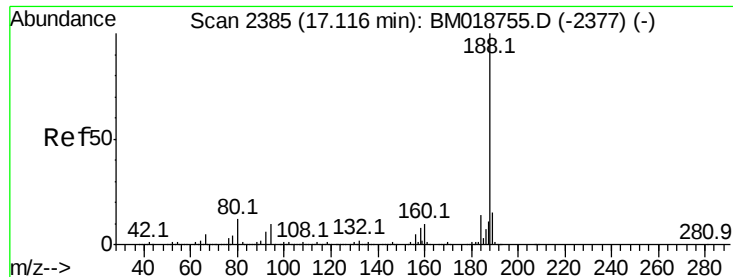
Tot Ion:172 Resp: 2682389
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.2 18.6 28.0



#50
Dimethylphthalate
Concen: 5.177 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018918.D
Acq: 25 Feb 2019 18:00

Tgt Ion:163 Resp: 180261
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.7 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

Instrument :

BNA_M

ClientSampleId :

TP-25

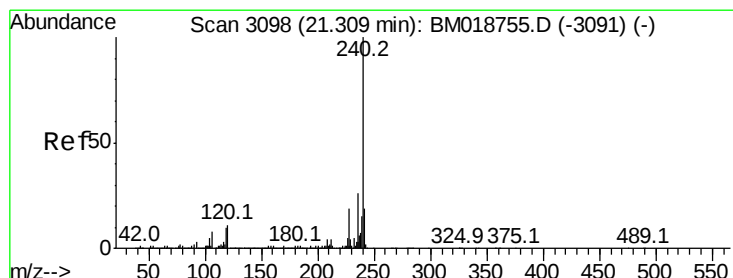
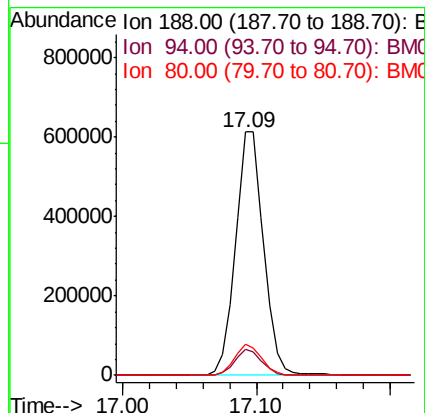
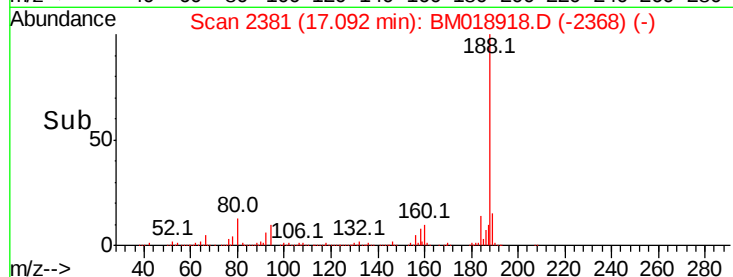
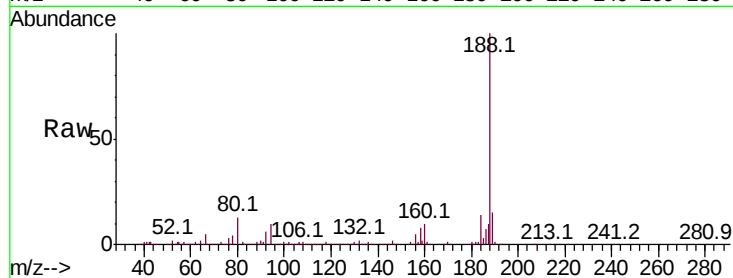
Tot Ion:188 Resp: 897622

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

80 12.9 9.7 14.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018918.D

Acq: 25 Feb 2019 18:00

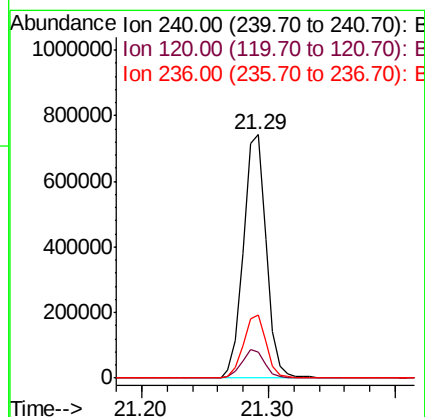
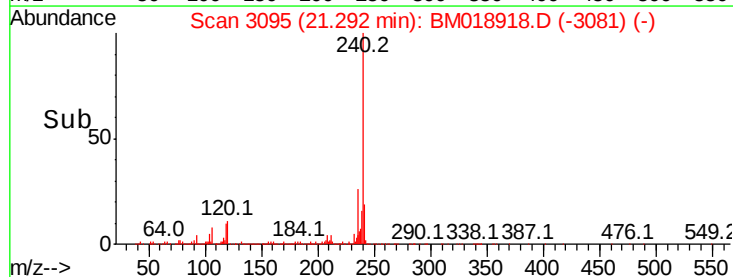
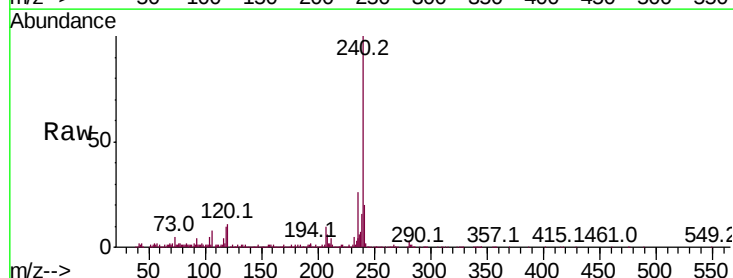
Tgt Ion:240 Resp: 923394

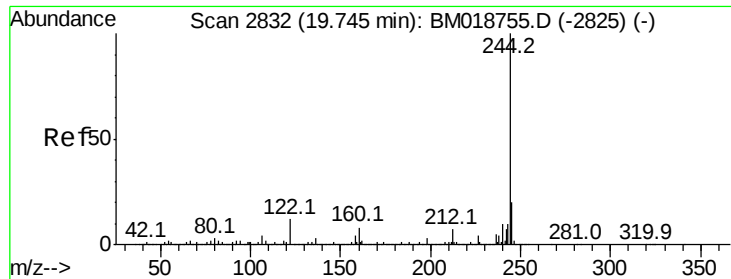
Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

236 26.1 20.9 31.3

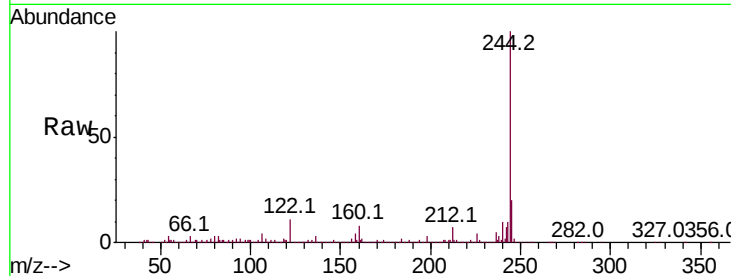




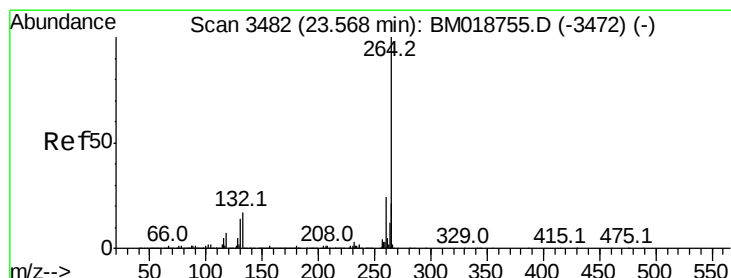
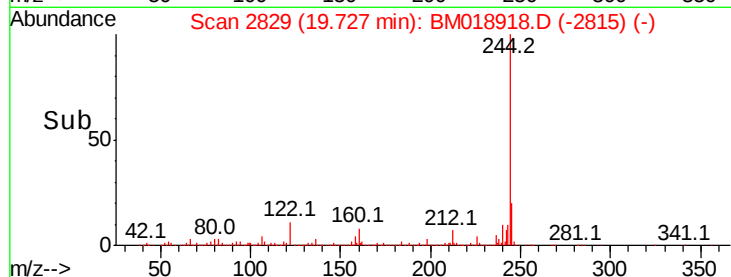
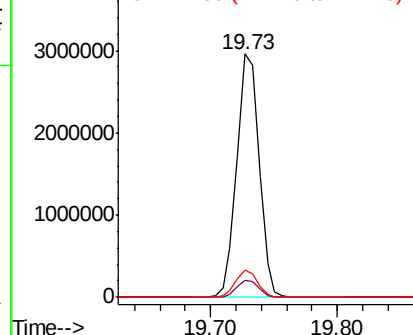
#79
 Terphenyl-d14
 Concen: 80.407 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

Instrument :
 BNA_M
 ClientSampleId :
 TP-25

Tot Ion:244 Resp: 3599168
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.5 9.3 13.9

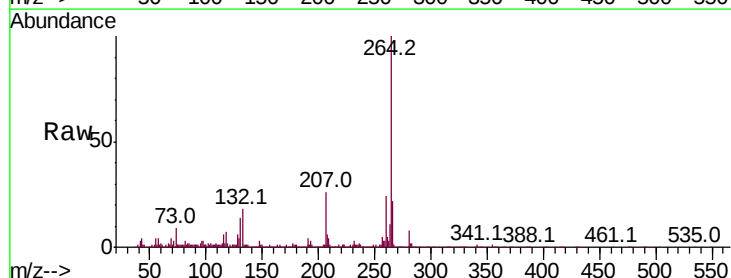


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM018918.D
 Acq: 25 Feb 2019 18:00

Tgt Ion:264 Resp: 1049861
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 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

