

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018777.D
 Acq On : 12 Feb 2019 17:49
 Operator : JU/SJ
 Sample : K1465-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFFLUENT-2

Quant Time: Feb 13 01:34:05 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

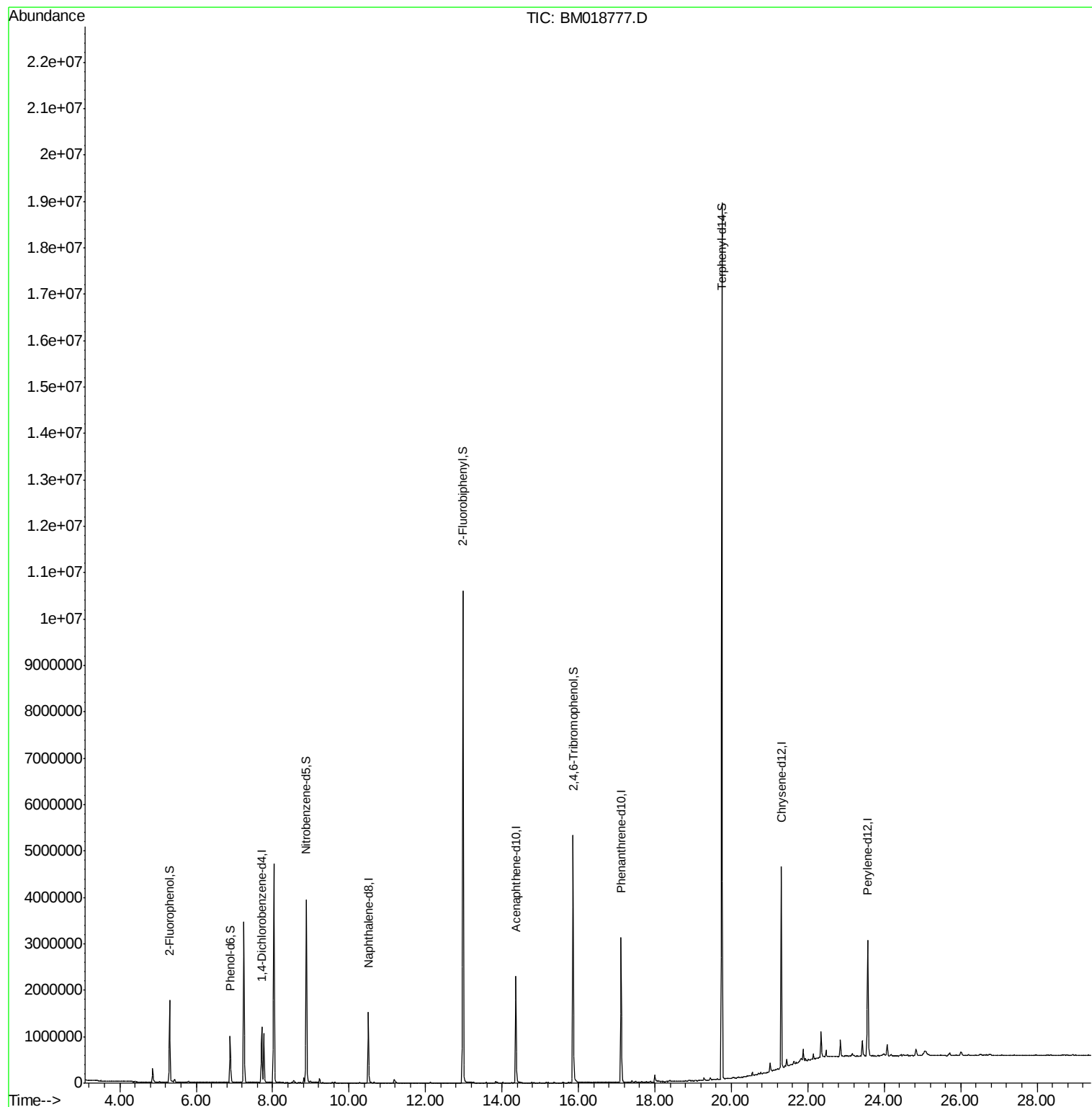
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	314618	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1241928	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	732641	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1739477	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1851038	20.00	ng	0.00
87) Perylene-d12	23.57	264	1702641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	710138	36.98	ng	0.00
7) Phenol-d6	6.89	99	577484	21.35	ng	0.00
23) Nitrobenzene-d5	8.88	82	2565320	95.51	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	966003	91.47	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	5209219	94.39	ng	0.00
79) Terphenyl-d14	19.75	244	8055779	89.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	4413	Below Cal	Qvalue #	7

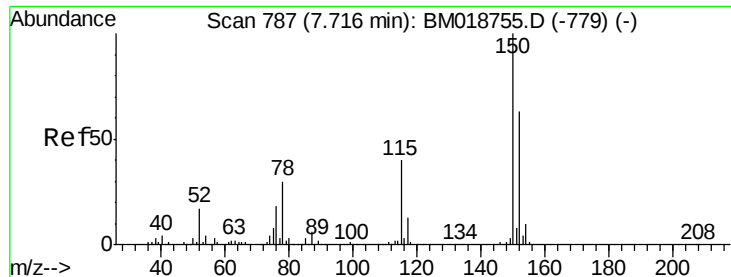
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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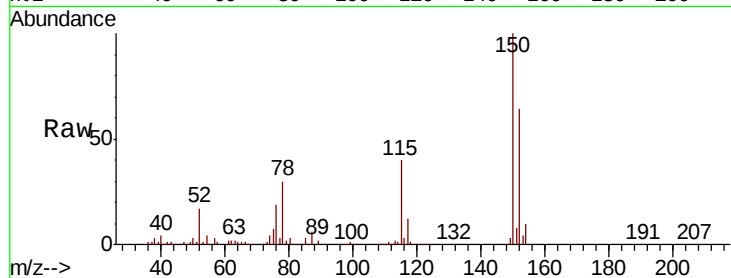


#1

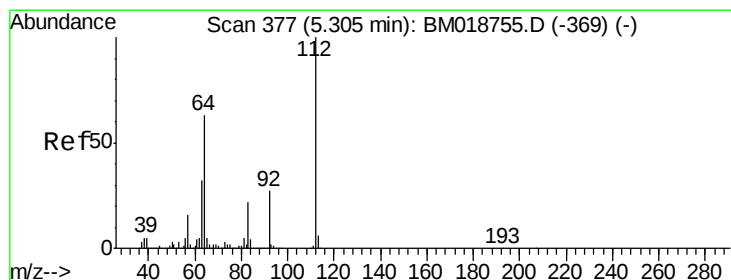
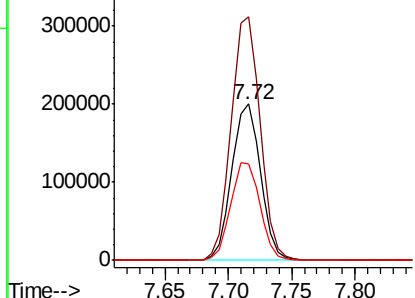
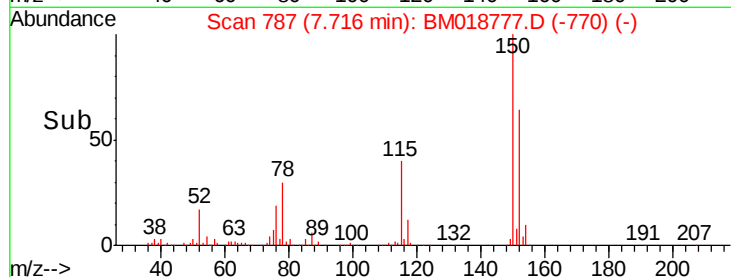
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018777.D
Acq: 12 Feb 2019 17:49

Instrument :
BNA_M
ClientSampleId :
EFFLUENT-2

Tgt Ion:152 Resp: 314618
Ion Ratio Lower Upper
152 100
150 155.5 127.3 190.9
115 61.8 50.8 76.2



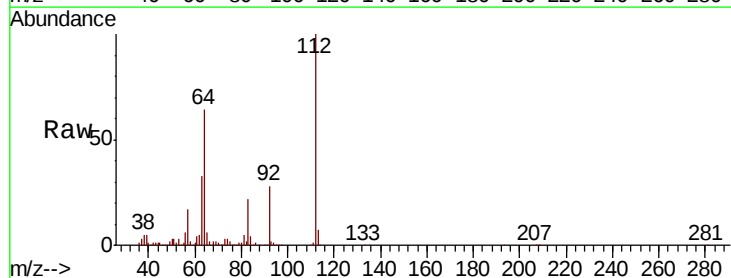
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



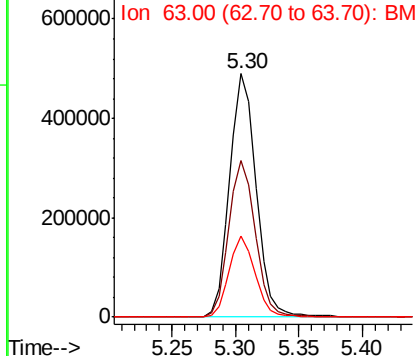
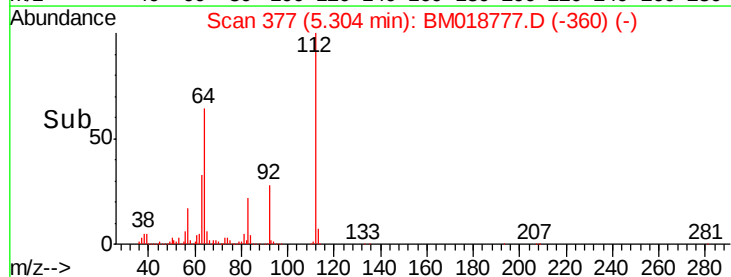
#5

2-Fluorophenol
Concen: 36.983 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018777.D
Acq: 12 Feb 2019 17:49

Tgt Ion:112 Resp: 710138
Ion Ratio Lower Upper
112 100
64 64.4 50.6 75.8
63 33.1 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: 21.348 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018777.D

Acq: 12 Feb 2019 17:49

Instrument :

BNA_M

ClientSampleId :

EFFLUENT-2

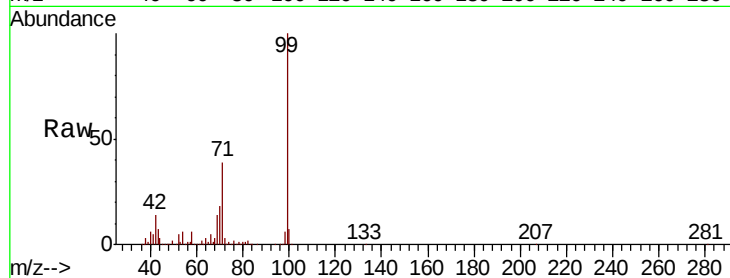
Tgt Ion: 99 Resp: 577484

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

71 38.9 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018777.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018777.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018777.D (-629) (-)

6.89

400000

300000

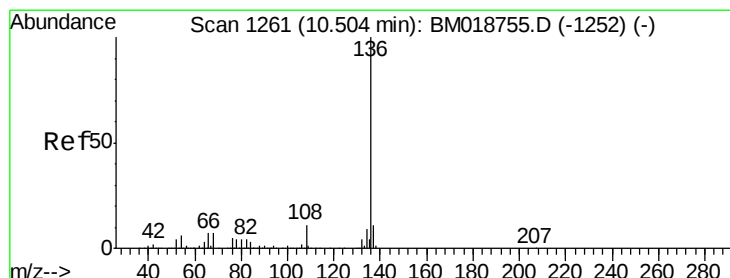
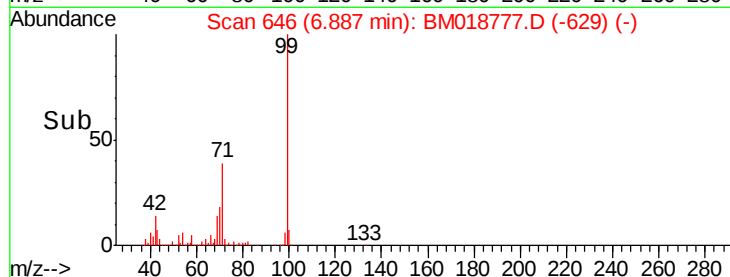
200000

100000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018777.D

Acq: 12 Feb 2019 17:49

Tgt Ion: 136 Resp: 1241928

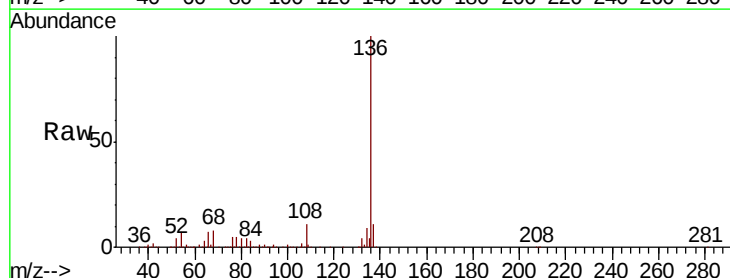
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.6 5.0 7.6

68 7.5 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM018777.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018777.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018777.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018777.D (-1244) (-)

10.50

800000

600000

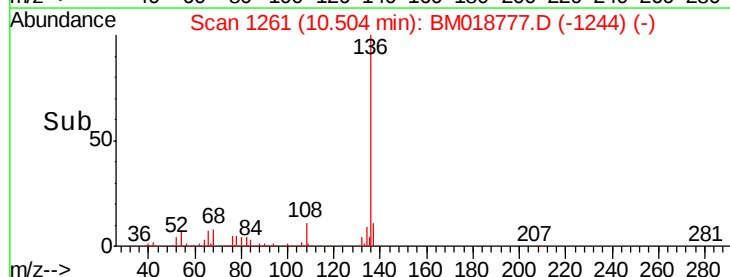
400000

200000

0

10.40 10.50 10.60

Time-->

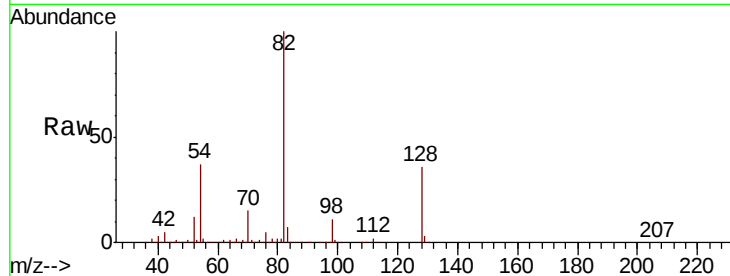




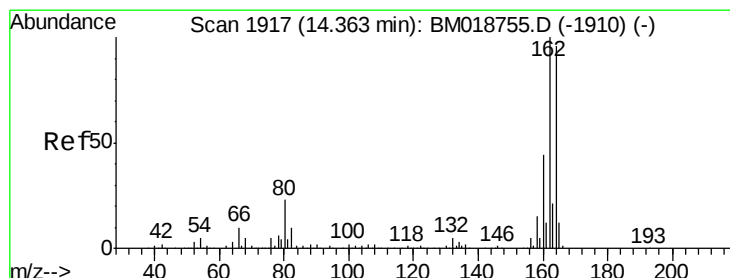
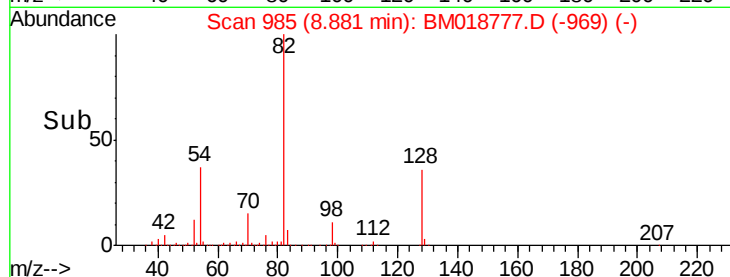
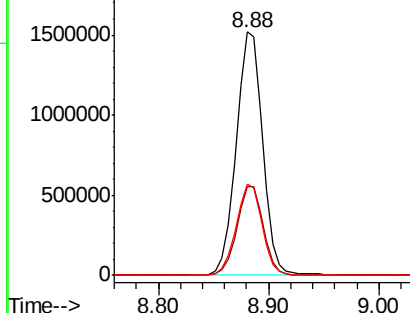
#23
 Nitrobenzene-d5
 Concen: 95.510 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018777.D
 Acq: 12 Feb 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 EFFLUENT-2

Tgt Ion: 82 Resp: 2565320
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.9 44.9
 54 37.5 29.1 43.7

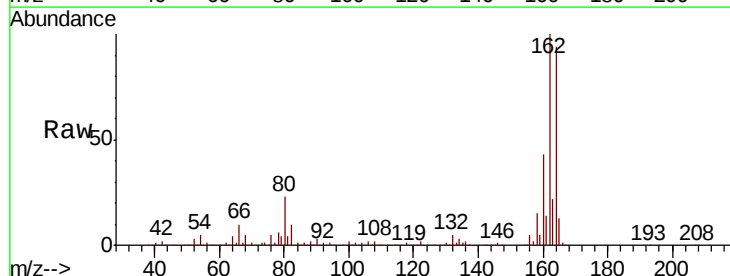


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
 Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
 Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

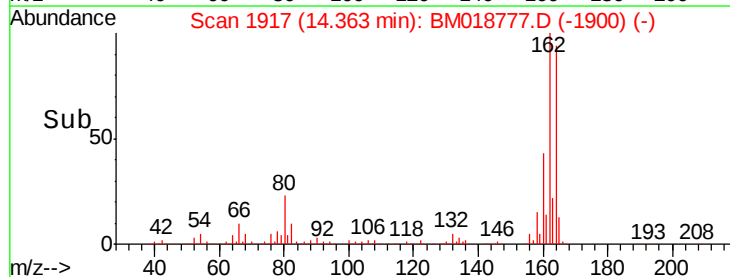
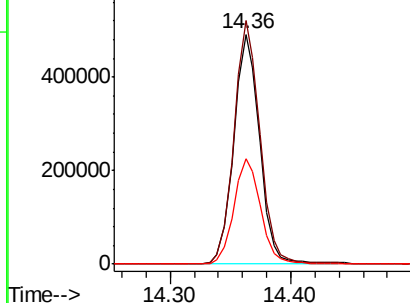


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.36 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM018777.D
 Acq: 12 Feb 2019 17:49

Tgt Ion: 164 Resp: 732641
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.4 125.0
 160 45.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
 Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
 Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

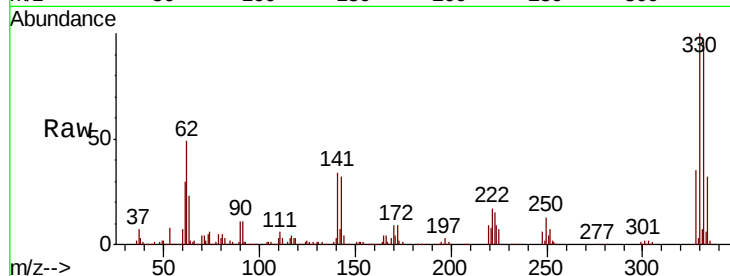




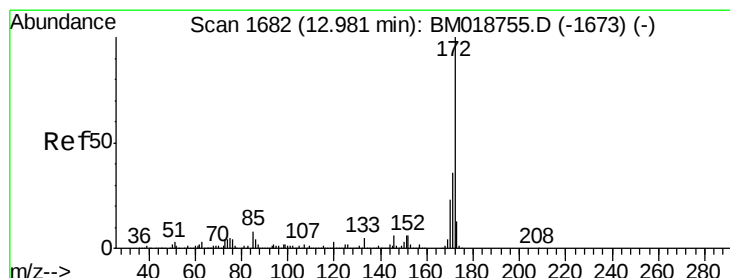
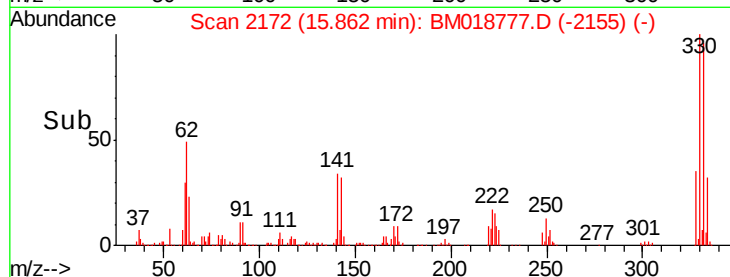
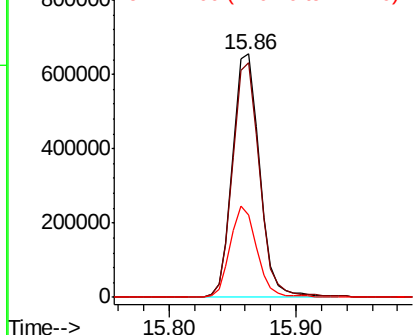
#42
 2,4,6-Tribromophenol
 Concen: 91.470 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BM018777.D
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Tgt Ion:330 Resp: 966003
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 37.0 28.7 43.1

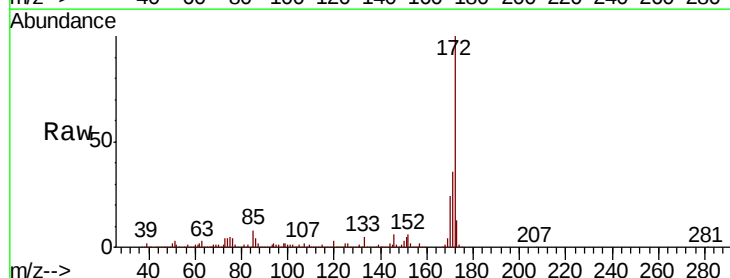


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

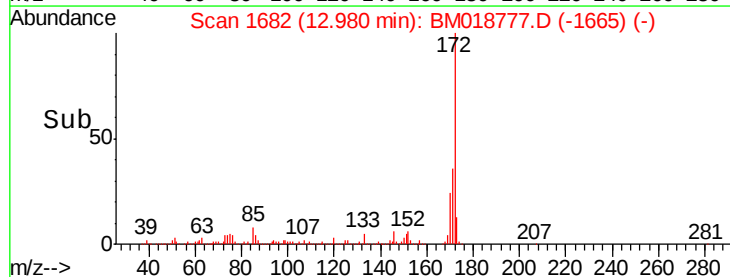
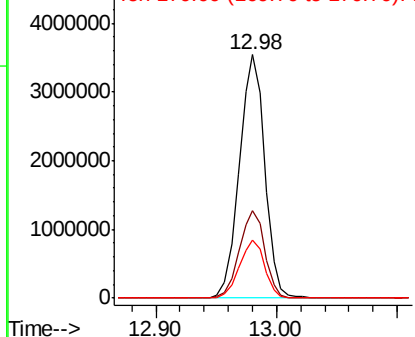


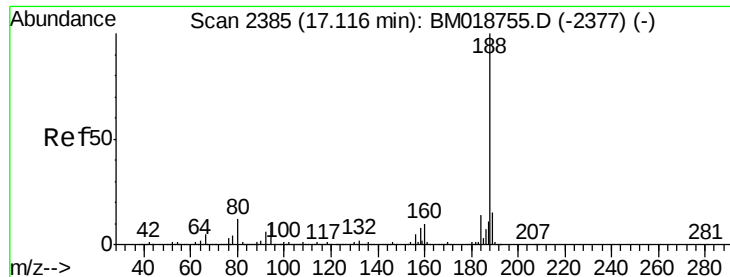
#45
 2-Fluorobiphenyl
 Concen: 94.386 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM018777.D
 Acq: 12 Feb 2019 17:49

Tgt Ion:172 Resp: 5209219
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.8 18.6 28.0



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

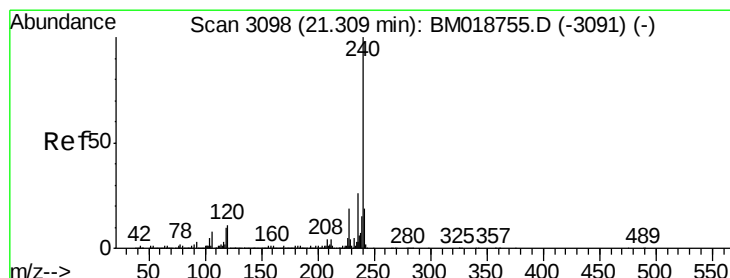
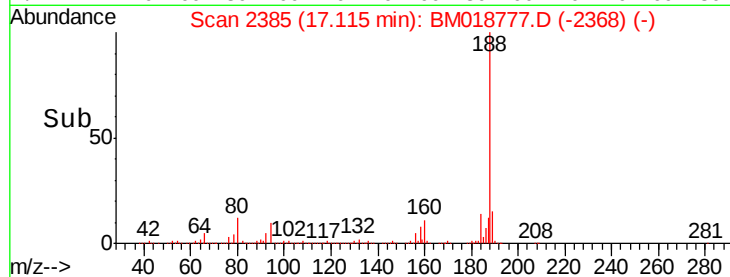
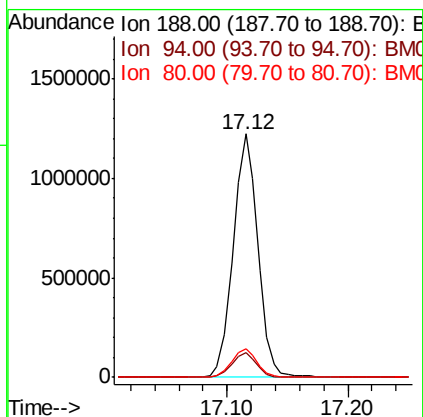
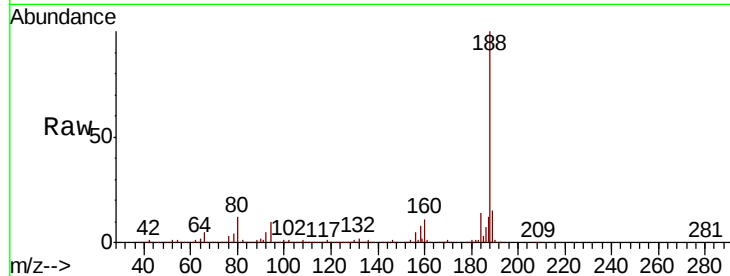




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018777.D
Acq: 12 Feb 2019 17:49

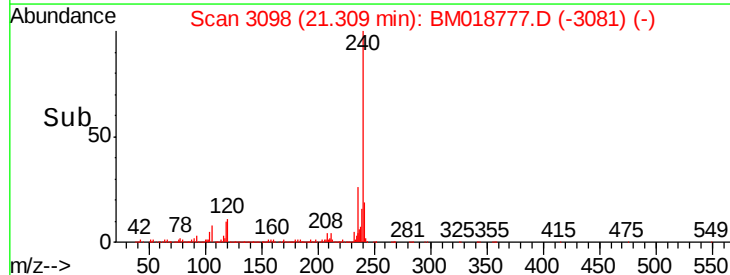
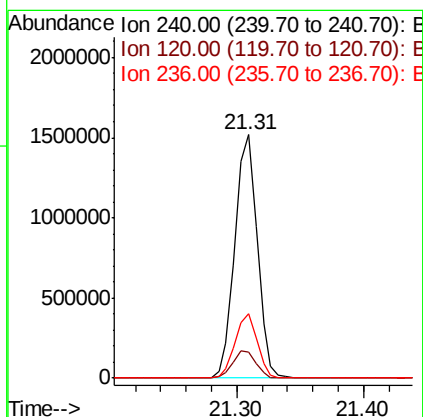
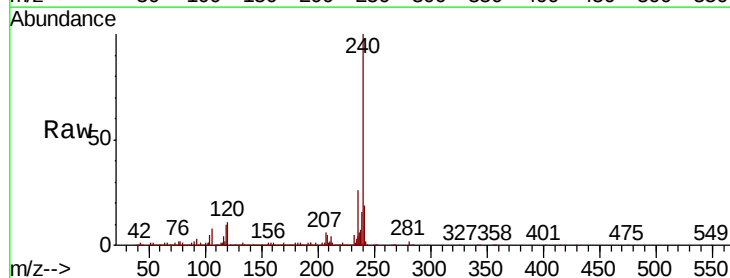
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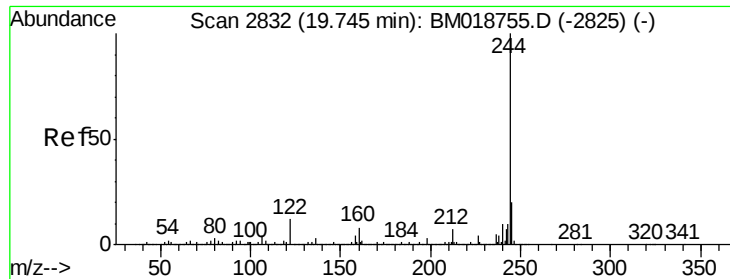
Tgt Ion:188 Resp: 1739477
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 11.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018777.D
Acq: 12 Feb 2019 17:49

Tgt Ion:240 Resp: 1851038
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.3 20.9 31.3

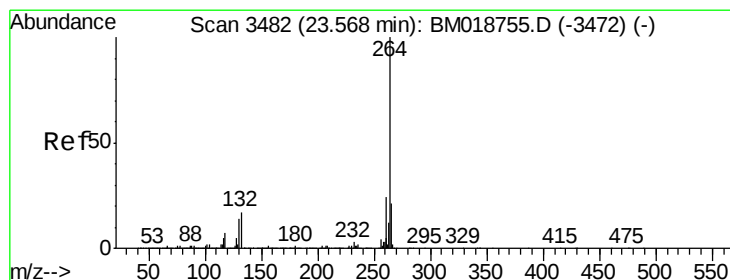
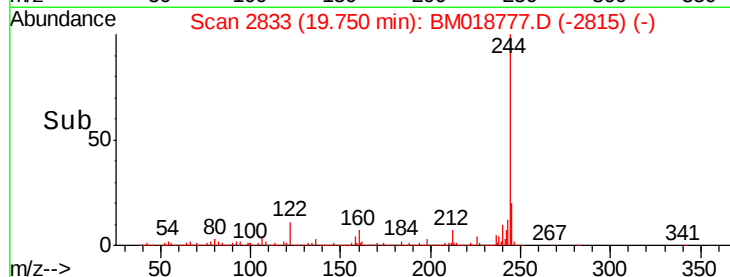
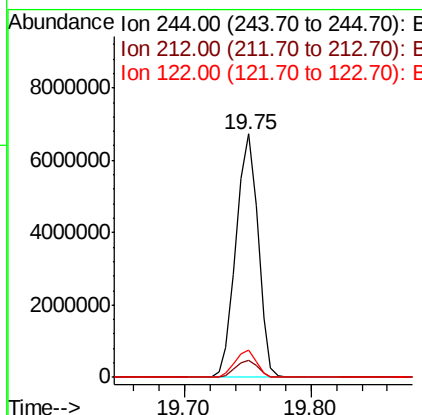
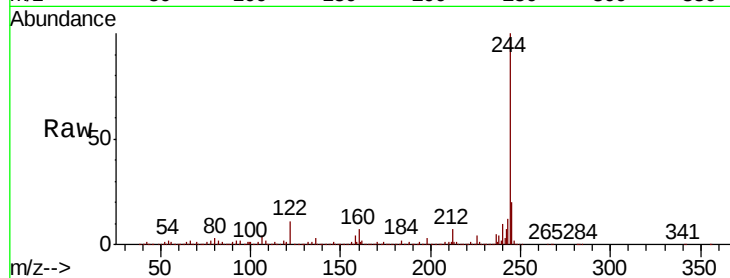




#79
 Terphenyl-d14
 Concen: 89.778 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018777.D
 Acq: 12 Feb 2019 17:49

Instrument :
 BNA_M
 ClientSampleId :
 EFFLUENT-2

Tgt Ion:244 Resp: 8055779
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.1 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM018777.D
 Acq: 12 Feb 2019 17:49

Tgt Ion:264 Resp: 1702641
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 21.9 17.3 25.9

