

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021219\
 Data File : BM018778.D
 Acq On : 12 Feb 2019 18:26
 Operator : JU/SJ
 Sample : K1465-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 INFLUENT-2

Quant Time: Feb 13 01:34:12 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

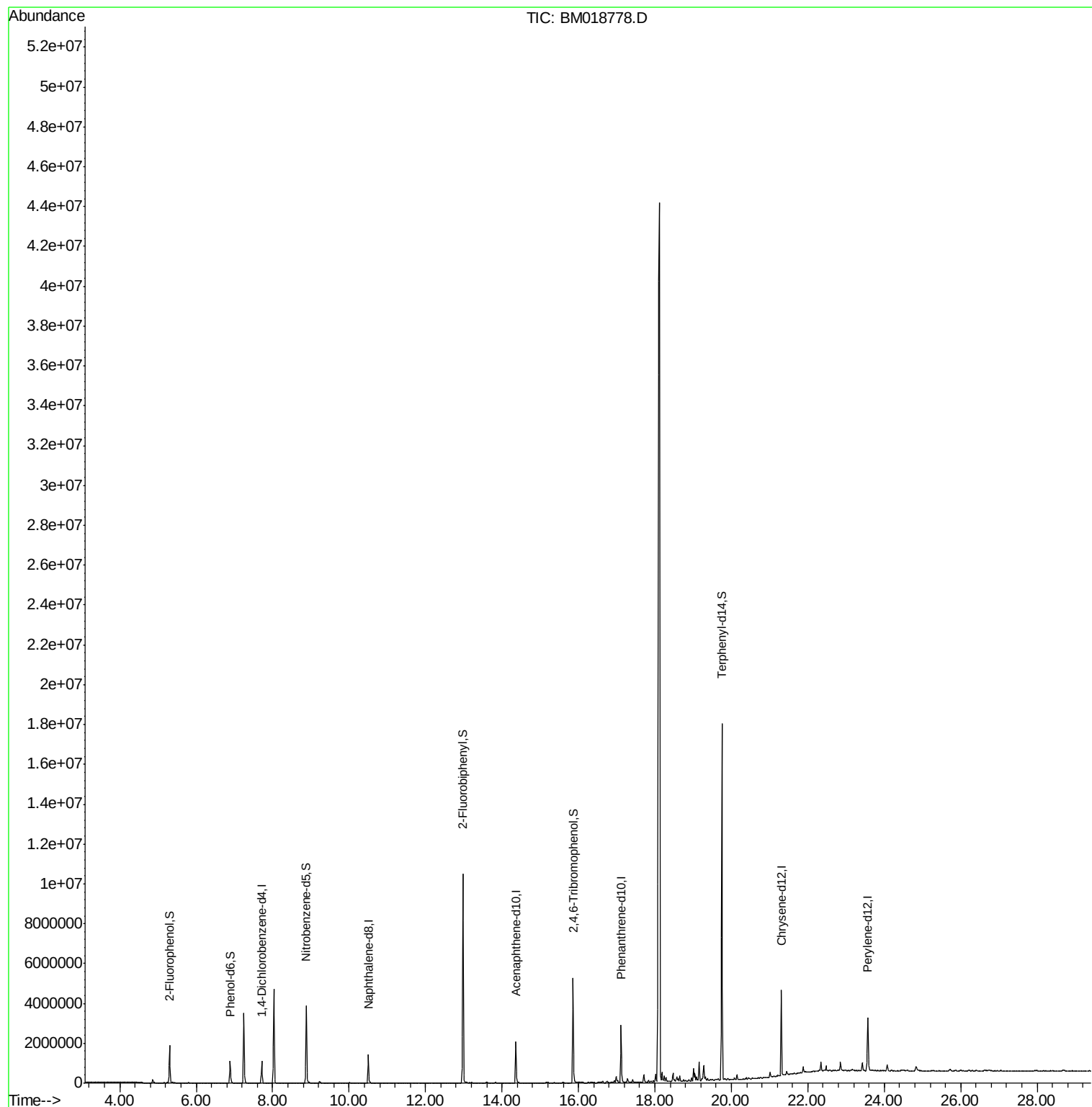
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	286054	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1160502	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	670538	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1589753	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1817639	20.00	ng	0.00
87) Perylene-d12	23.57	264	1817530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	750067	42.96	ng	0.00
7) Phenol-d6	6.89	99	630829	25.65	ng	0.00
23) Nitrobenzene-d5	8.88	82	2492339	99.30	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	945300	97.80	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4930521	97.61	ng	0.00
79) Terphenyl-d14	19.75	244	7602175	86.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	1818	Below Cal	Qvalue #	19

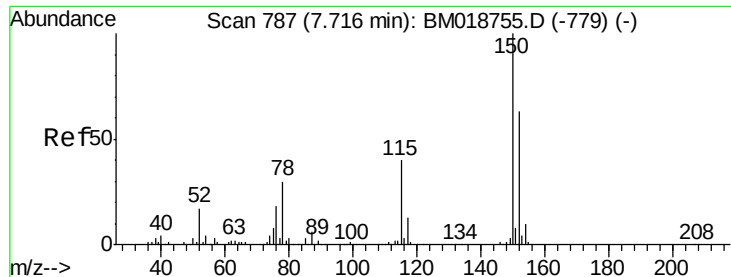
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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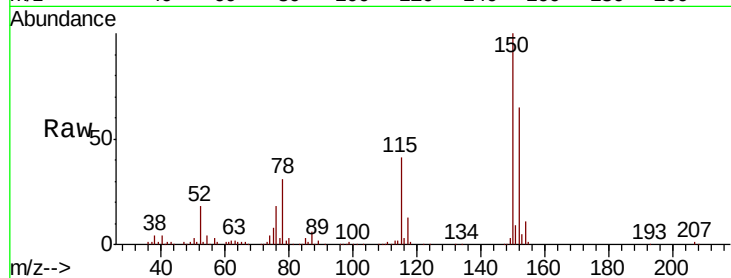


#1

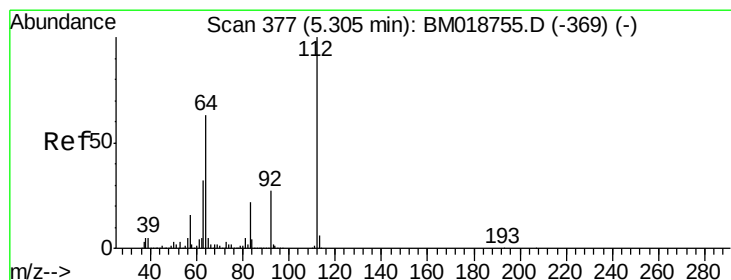
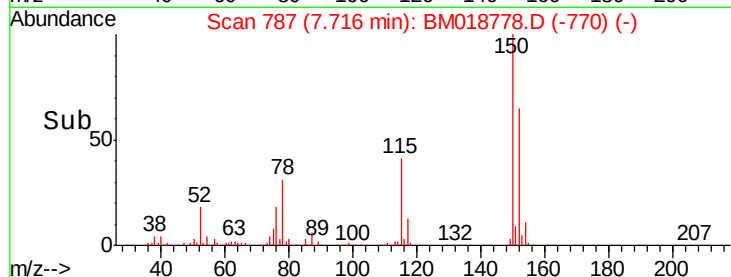
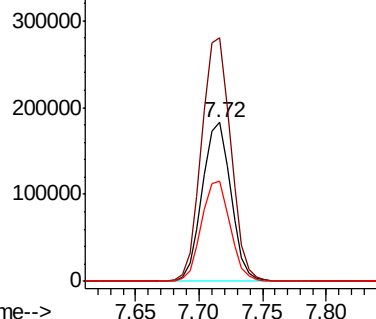
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018778.D
Acq: 12 Feb 2019 18:26

Instrument :
BNA_M
ClientSampleId :
INFLUENT-2

Tgt Ion:152 Resp: 286054
Ion Ratio Lower Upper
152 100
150 153.1 127.3 190.9
115 62.9 50.8 76.2



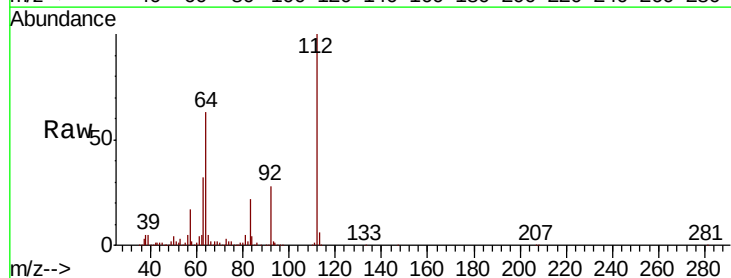
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



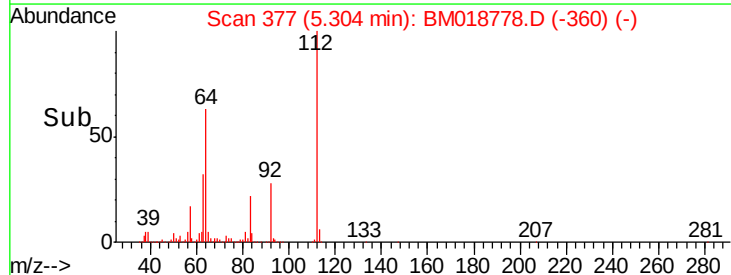
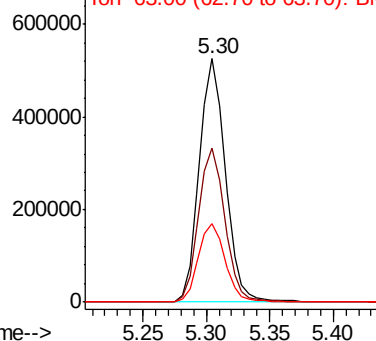
#5

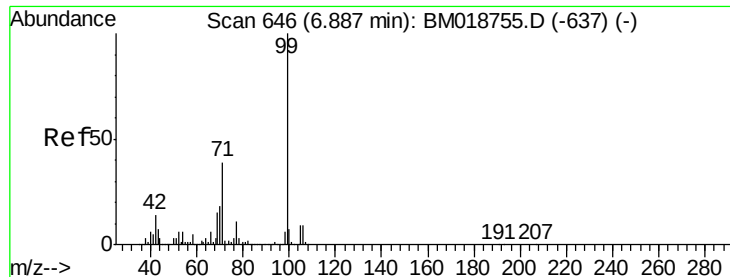
2-Fluorophenol
Concen: 42.963 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018778.D
Acq: 12 Feb 2019 18:26

Tgt Ion:112 Resp: 750067
Ion Ratio Lower Upper
112 100
64 63.3 50.6 75.8
63 32.4 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: 25.649 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

Instrument :

BNA_M

ClientSampleId :

INFLUENT-2

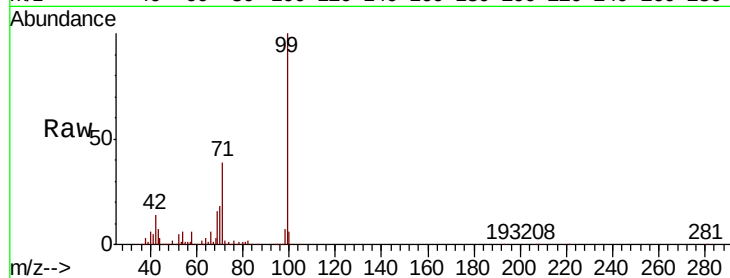
Tgt Ion: 99 Resp: 630829

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

71 39.3 31.3 46.9

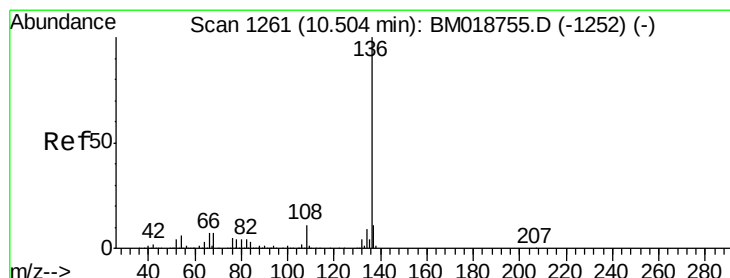
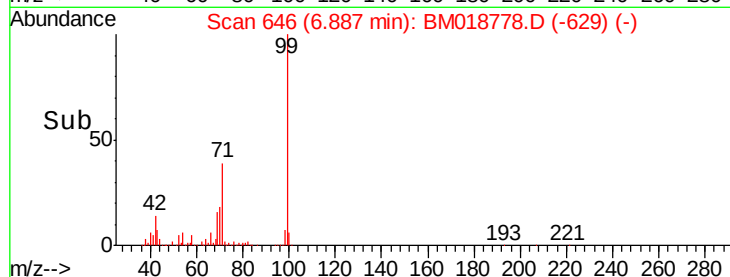
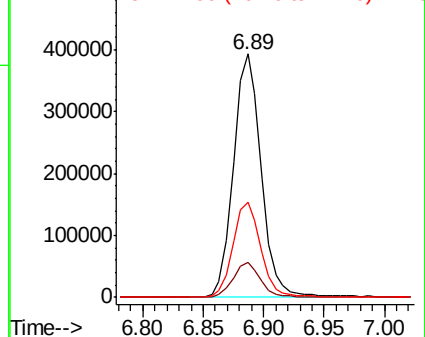


Abundance

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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

Tgt Ion: 136 Resp: 1160502

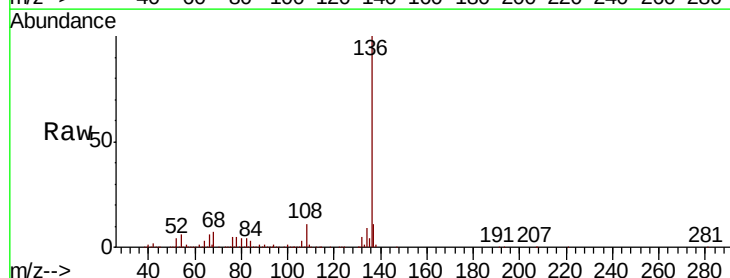
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.2 5.0 7.6

68 7.1 5.5 8.3



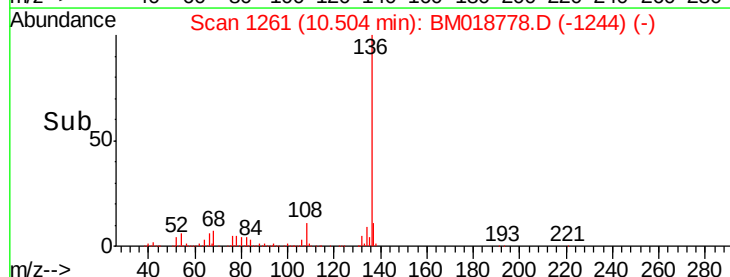
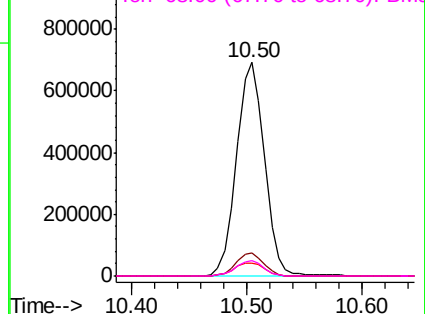
Abundance

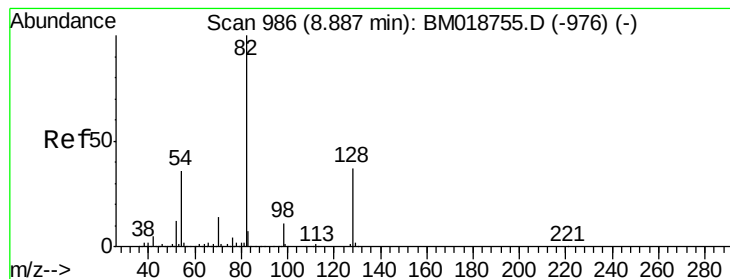
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 99.304 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

Instrument :

BNA_M

ClientSampleId :

INFLUENT-2

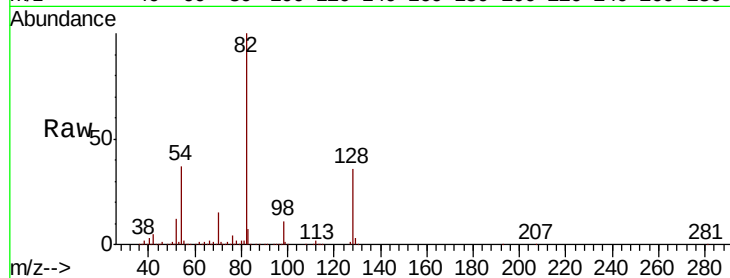
Tgt Ion: 82 Resp: 2492339

Ion Ratio Lower Upper

82 100

128 36.4 29.9 44.9

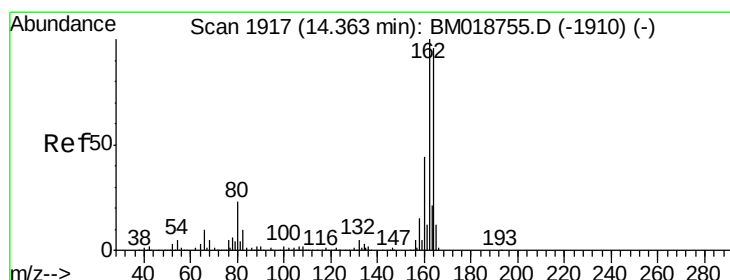
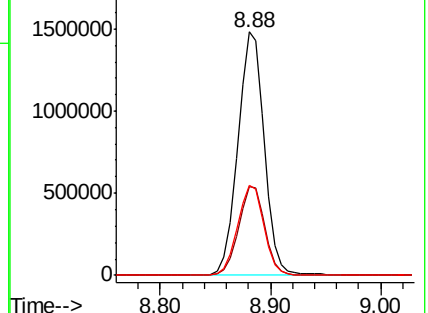
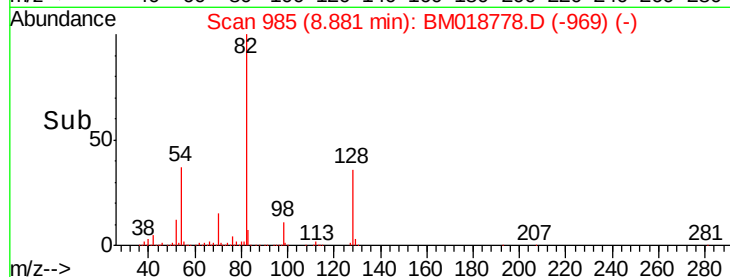
54 37.1 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018778.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018778.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018778.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

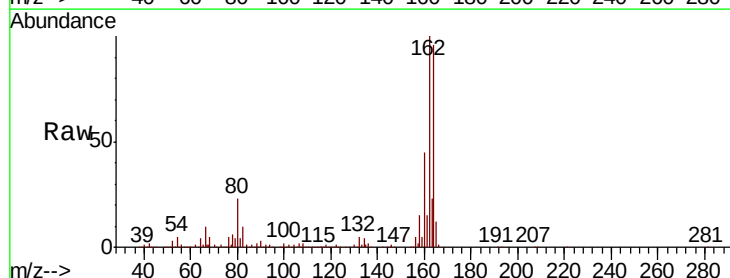
Tgt Ion: 164 Resp: 670538

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

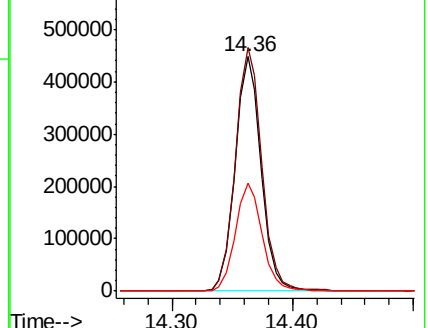
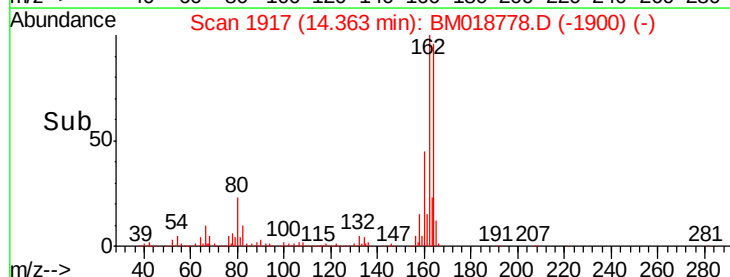
160 46.3 36.6 55.0

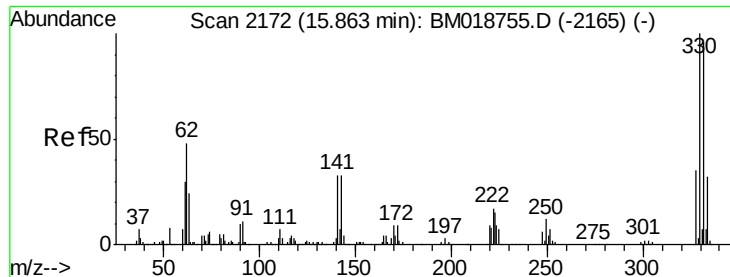


Abundance Ion 164.00 (163.70 to 164.70): BM018778.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018778.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018778.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 97.800 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

Instrument :

BNA_M

ClientSampleId :

INFLUENT-2

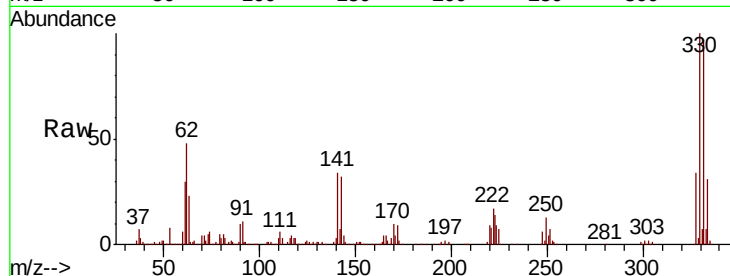
Tgt Ion:330 Resp: 945300

Ion Ratio Lower Upper

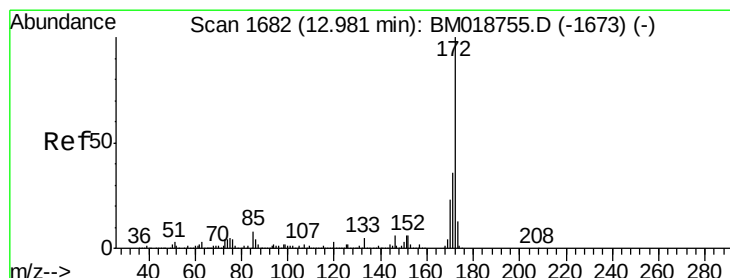
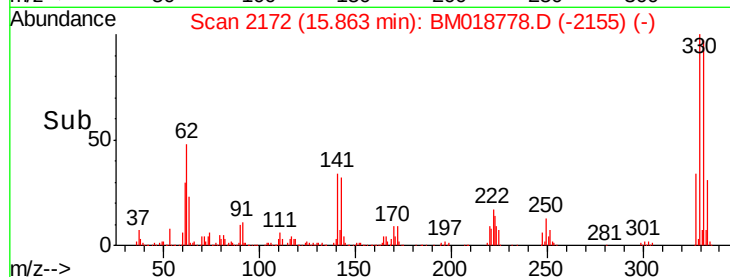
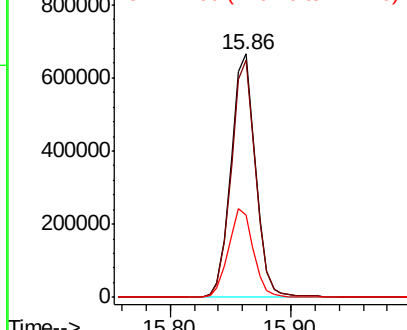
330 100

332 96.9 76.9 115.3

141 36.9 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: 97.610 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018778.D

Acq: 12 Feb 2019 18:26

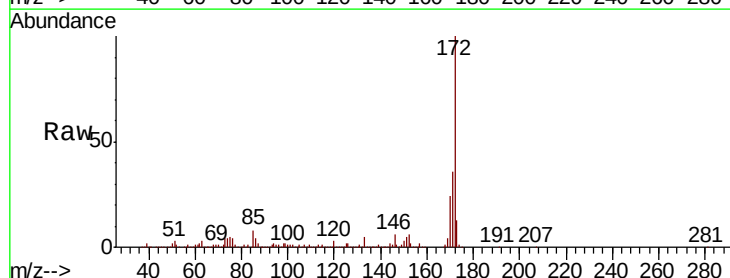
Tgt Ion:172 Resp: 4930521

Ion Ratio Lower Upper

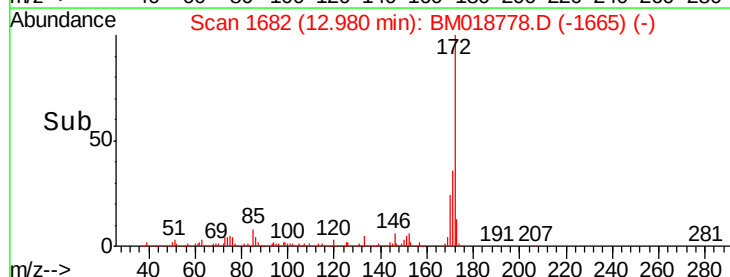
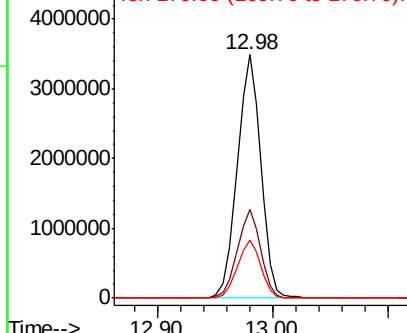
172 100

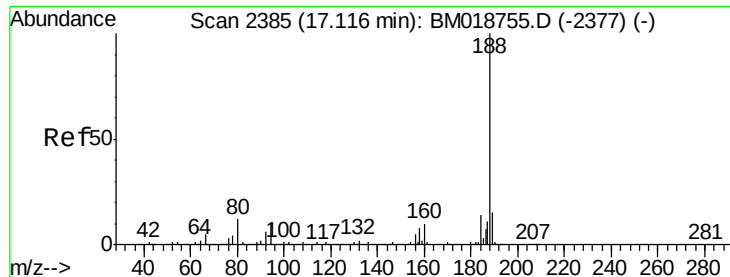
171 36.4 29.0 43.6

170 23.9 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

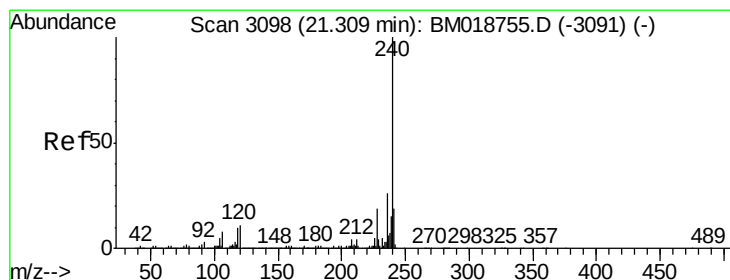
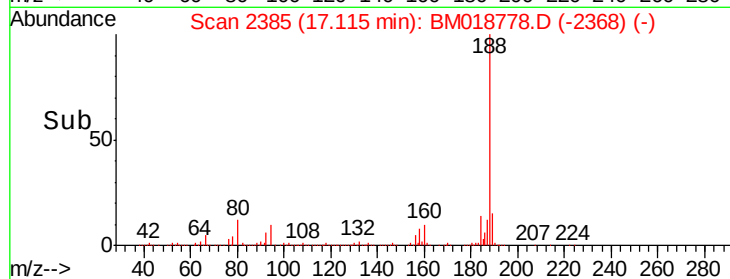
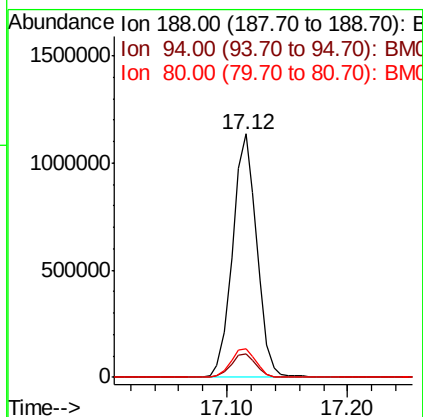
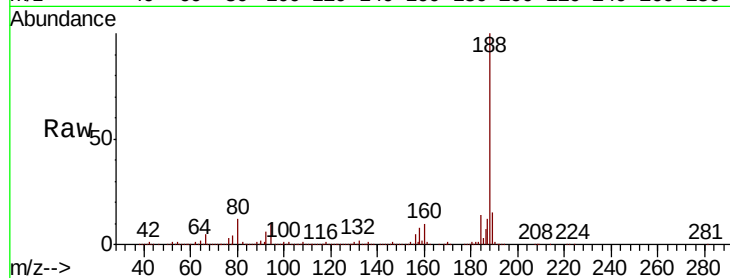




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018778.D
Acq: 12 Feb 2019 18:26

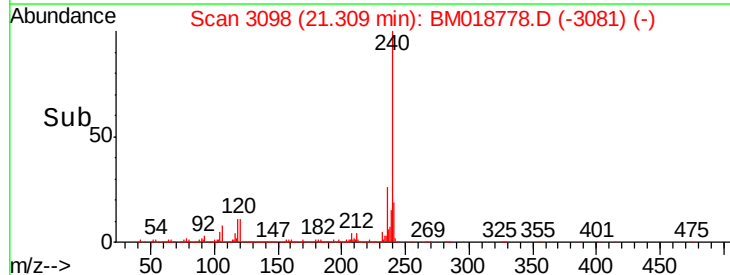
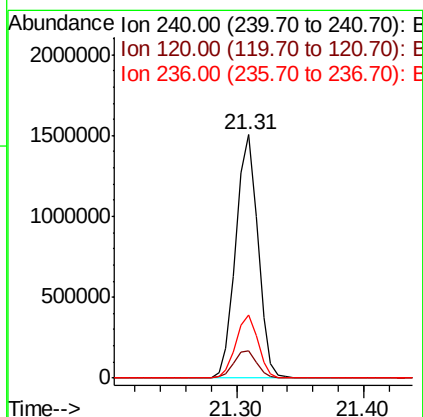
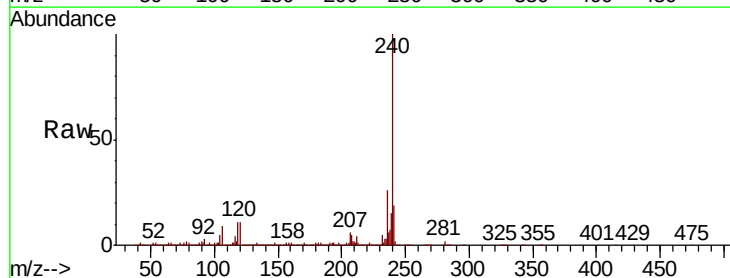
Instrument :
BNA_M
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INFLUENT-2

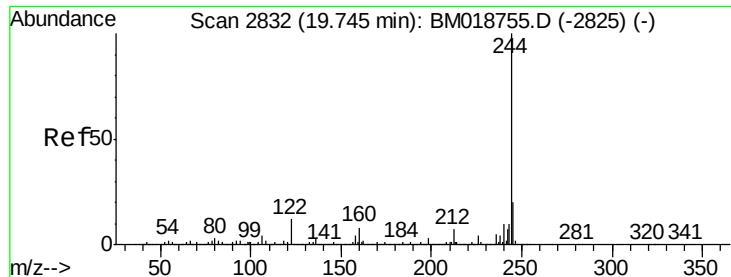
Tgt Ion:188 Resp: 1589753
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 11.8 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM018778.D
Acq: 12 Feb 2019 18:26

Tgt Ion:240 Resp: 1817639
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.9 20.9 31.3

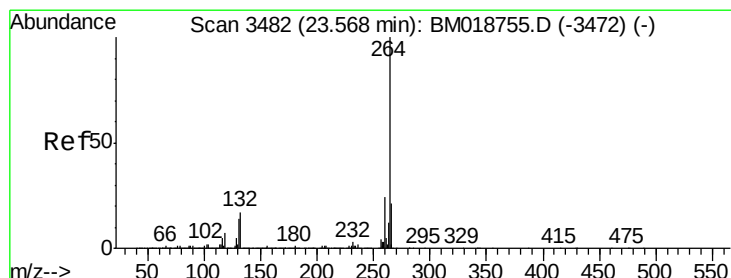
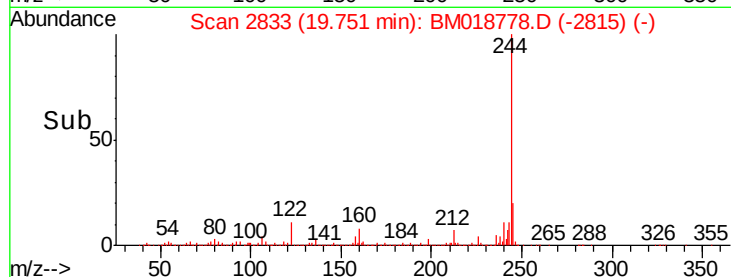
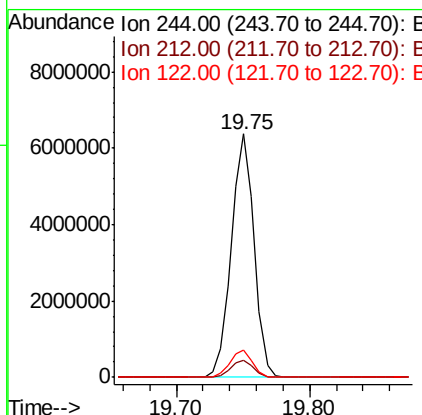
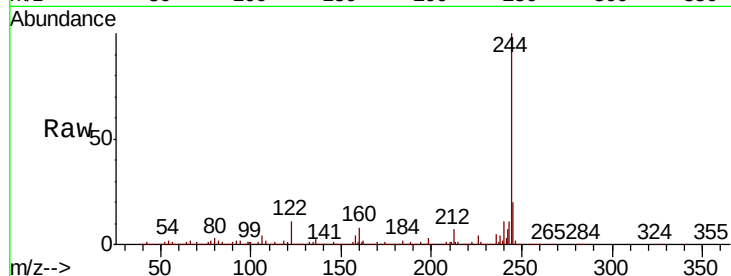




#79
 Terphenyl-d14
 Concen: 86.280 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018778.D
 Acq: 12 Feb 2019 18:26

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 BNA_M
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Tgt Ion:244 Resp: 7602175
 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: BM018778.D
 Acq: 12 Feb 2019 18:26

Tgt Ion:264 Resp: 1817530
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.0 17.3 25.9

