

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030419\
 Data File : BM019011.D
 Acq On : 04 Mar 2019 16:05
 Operator : JU/SJ
 Sample : K1650-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TWP-1

Quant Time: Mar 05 04:59:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	242431	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	953847	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	553900	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1213740	20.00	ng	0.00
76) Chrysene-d12	21.29	240	985805	20.00	ng	0.00
87) Perylene-d12	23.53	264	914048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1025431	69.30	ng	0.00
7) Phenol-d6	6.86	99	887581	42.58	ng	0.00
23) Nitrobenzene-d5	8.85	82	2048578	99.31	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1254478	157.12	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4092936	98.09	ng	0.00
79) Terphenyl-d14	19.73	244	5907294	123.62	ng	0.00

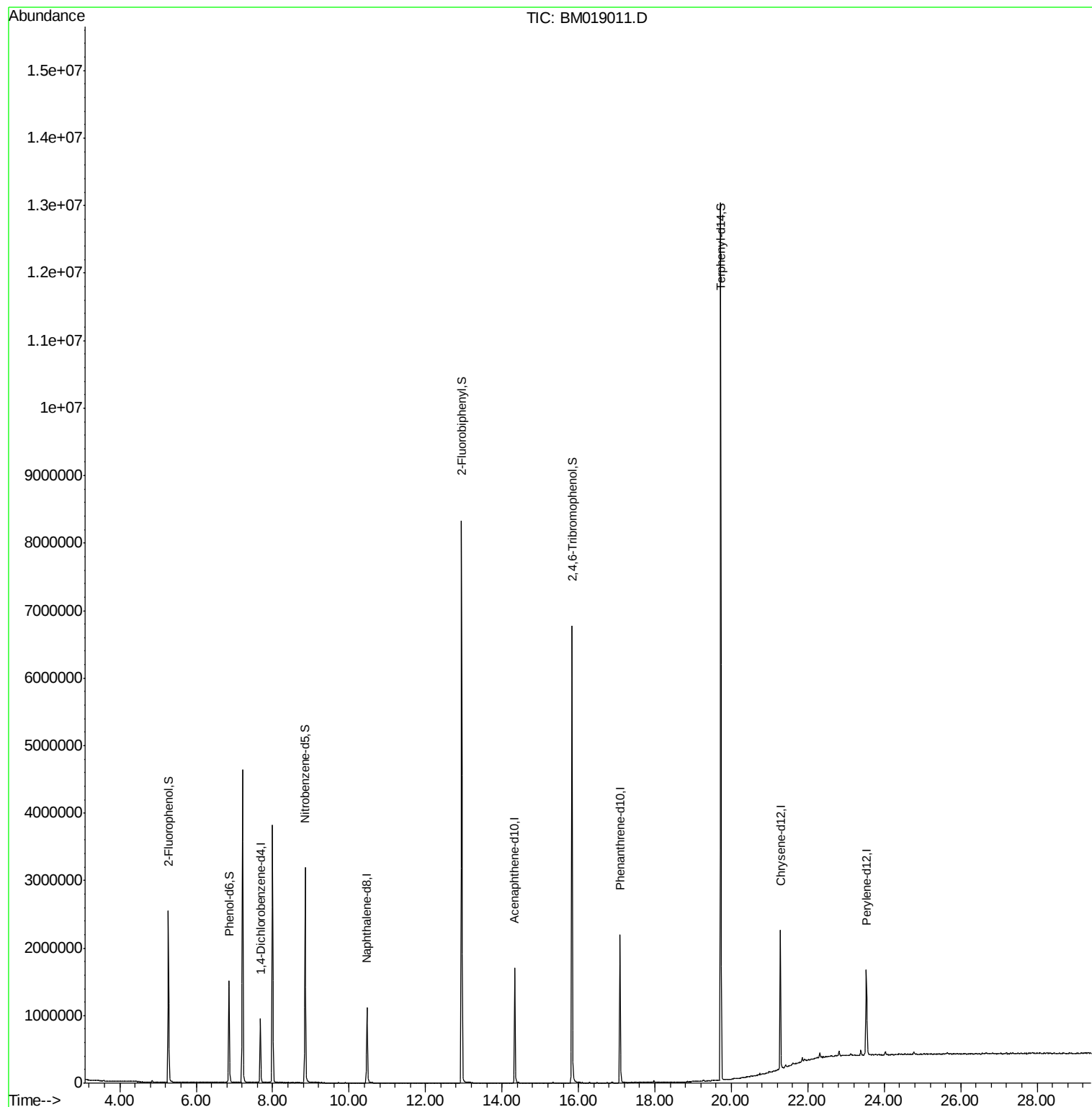
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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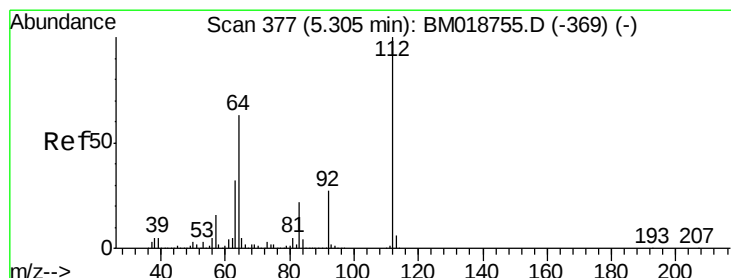
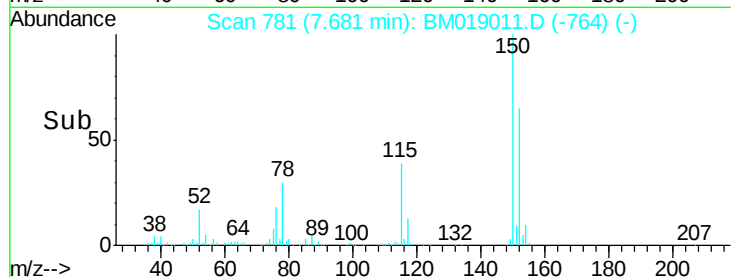
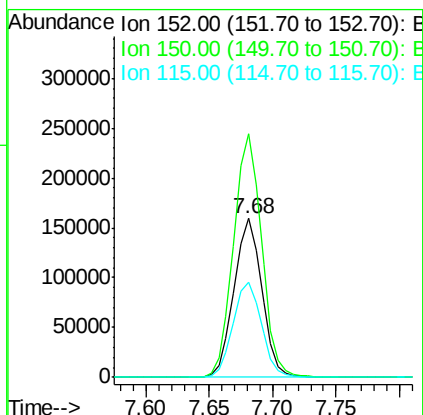
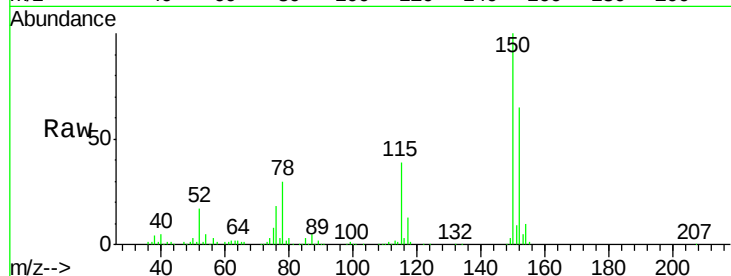


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Instrument :
BNA_M
ClientSampled :
TWP-1

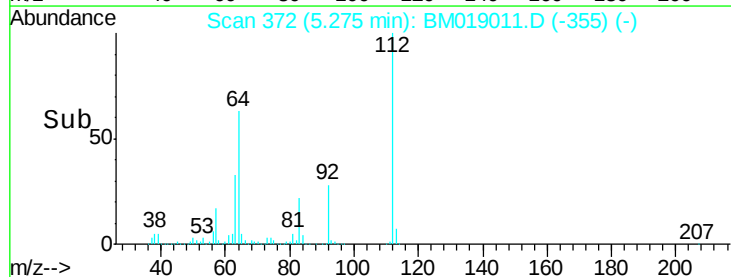
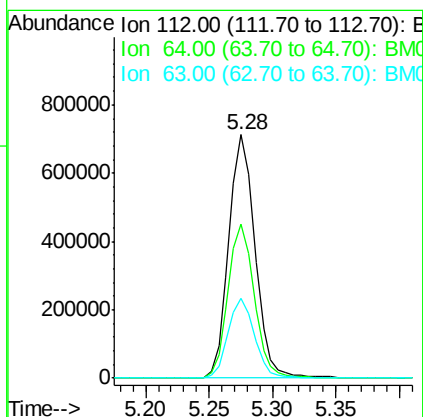
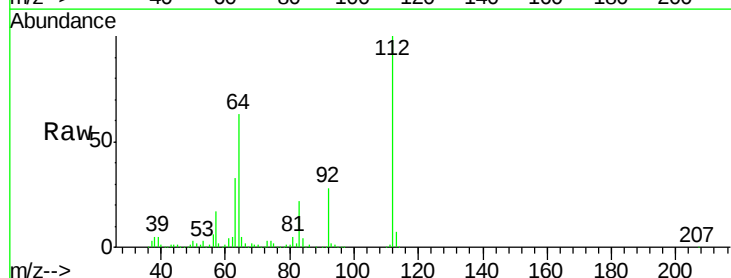
Tot Ion:152 Resp: 242431
Ion Ratio Lower Upper
152 100
150 153.5 127.3 190.9
115 60.3 50.8 76.2

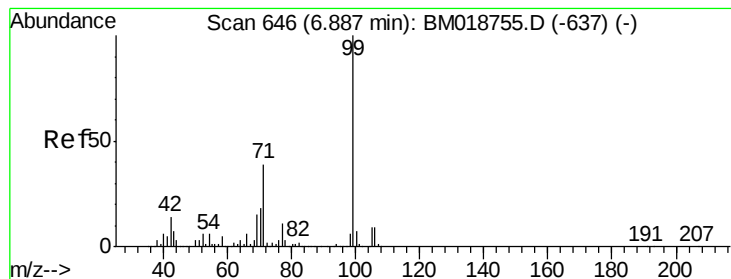


#5

2-Fluorophenol
Concen: 69.304 ng
RT: 5.28 min Scan# 372
Delta R.T. 0.00 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:112 Resp: 1025431
Ion Ratio Lower Upper
112 100
64 63.4 50.6 75.8
63 32.6 25.7 38.5





#7

Phenol-d6

Concen: 42.582 ng

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

Instrument :

BNA_M

ClientSampleId :

TWP-1

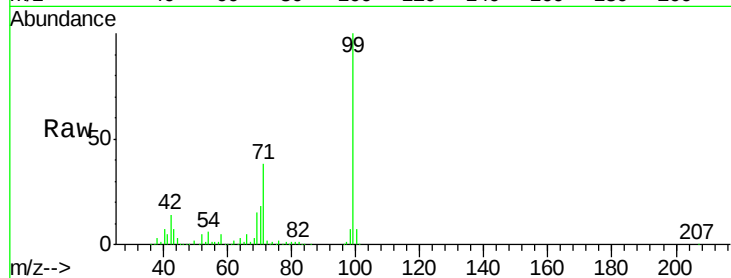
Tot Ion: 99 Resp: 887581

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.6

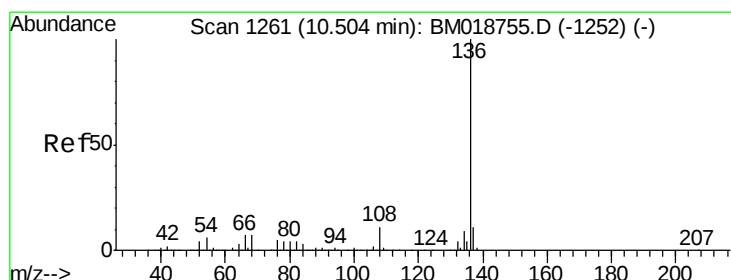
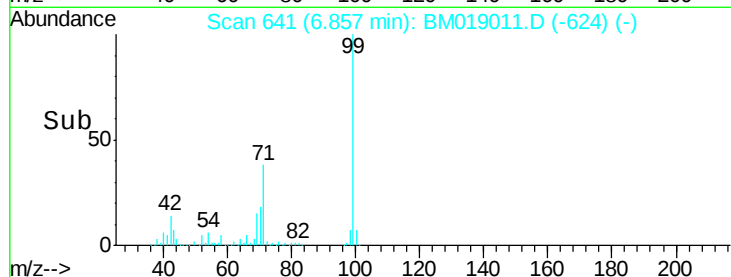
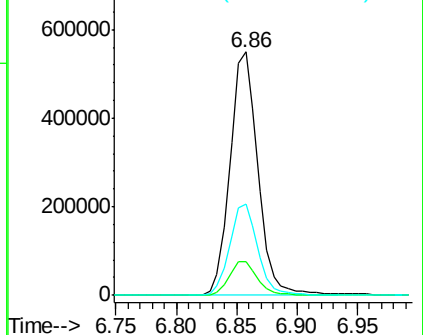
71 37.7 31.3 46.9



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: 10.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

Tgt Ion: 136 Resp: 953847

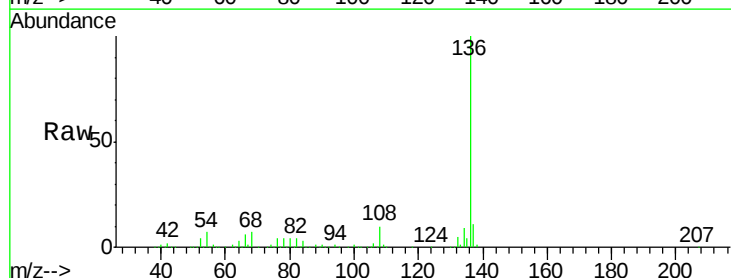
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.1 5.0 7.6

68 7.5 5.5 8.3

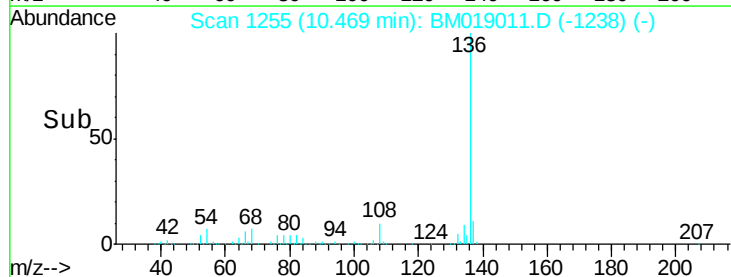
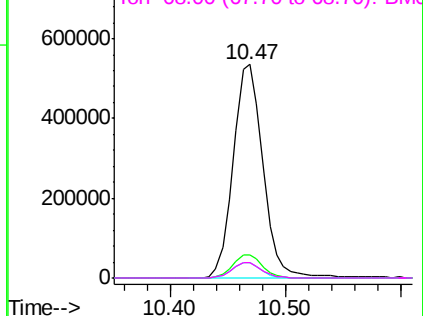


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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) (-)

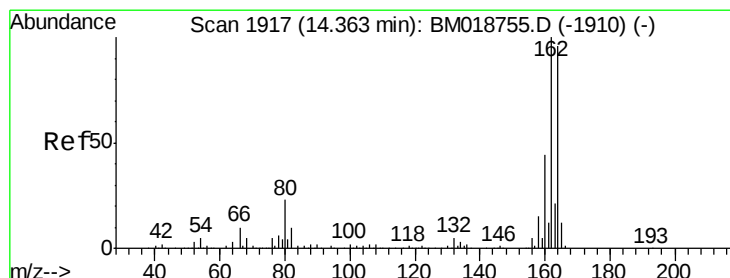
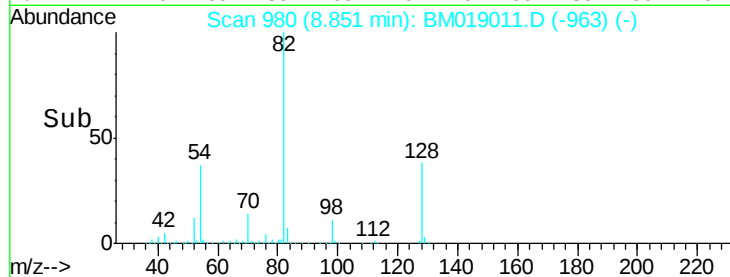
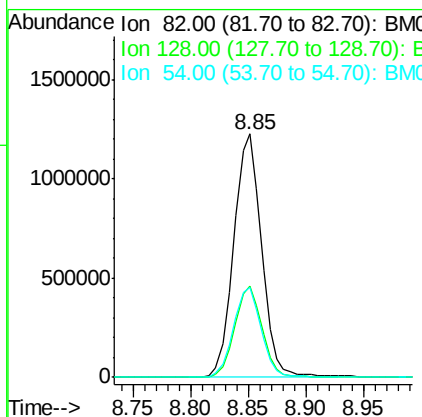
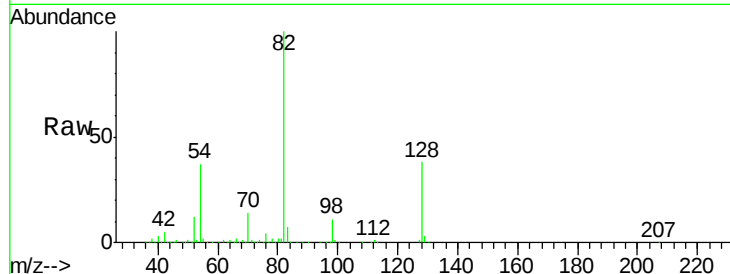




#23
Nitrobenzene-d5
Concen: 99.307 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

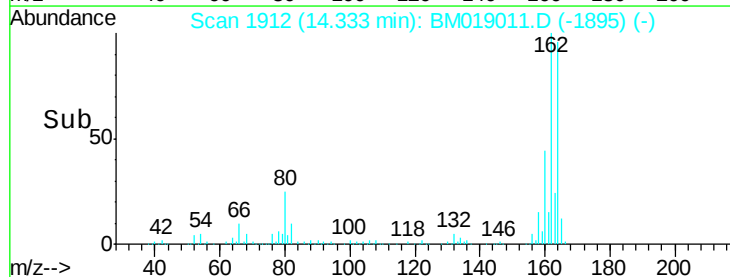
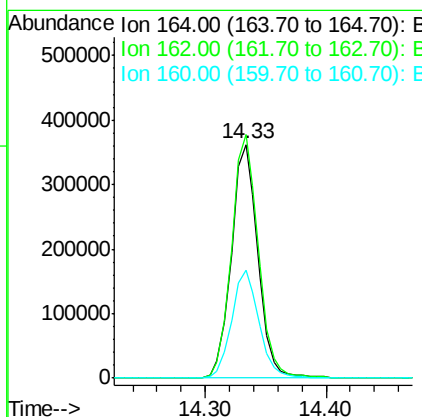
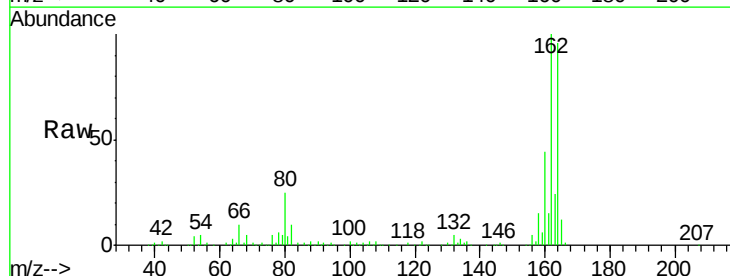
Instrument :
BNA_M
ClientSampleId :
TWP-1

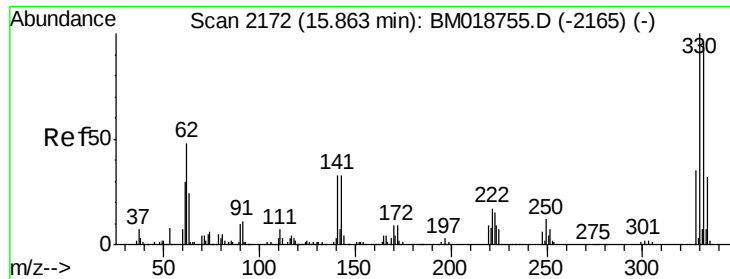
Tot Ion: 82 Resp: 2048578
Ion Ratio Lower Upper
82 100
128 37.7 29.9 44.9
54 37.0 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM019011.D
Acq: 04 Mar 2019 16:05

Tgt Ion:164 Resp: 553900
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 46.0 36.6 55.0

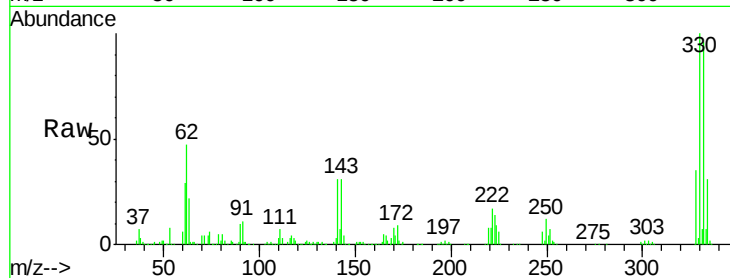




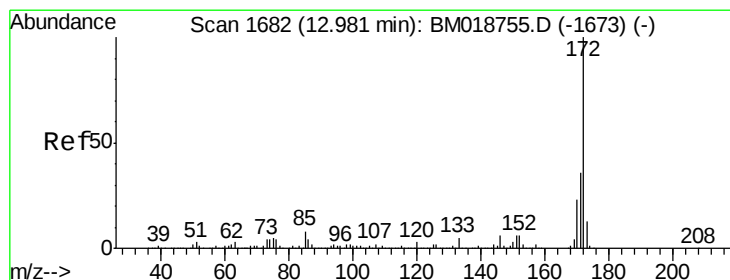
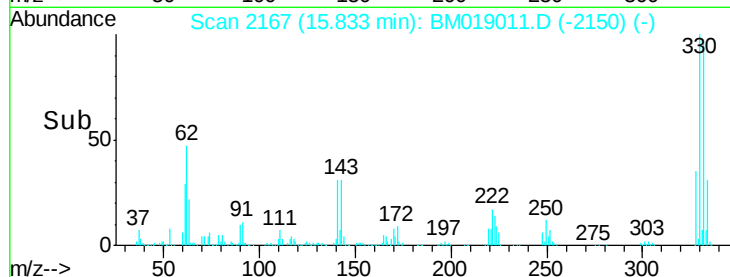
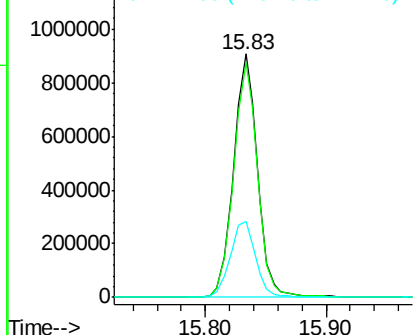
#42
 2,4,6-Tribromophenol
 Concen: 157.118 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BM019011.D
 Acq: 04 Mar 2019 16:05

Instrument :
 BNA_M
 ClientSampleId :
 TWP-1

Tot Ion:330 Resp: 1254478
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 33.3 28.7 43.1

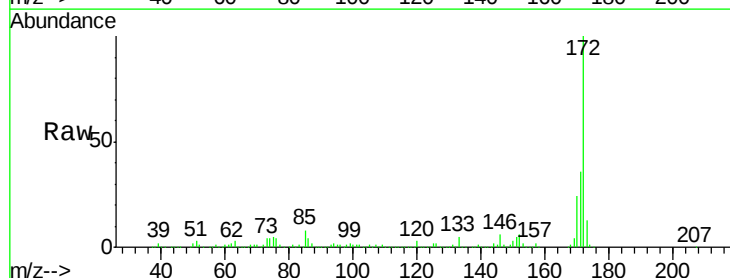


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

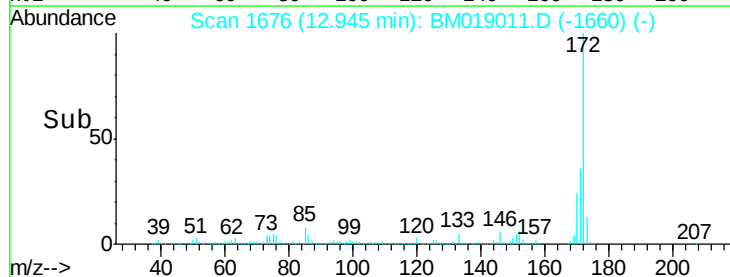
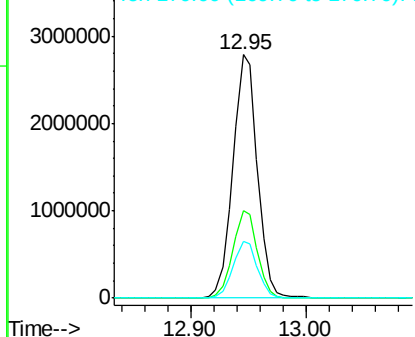


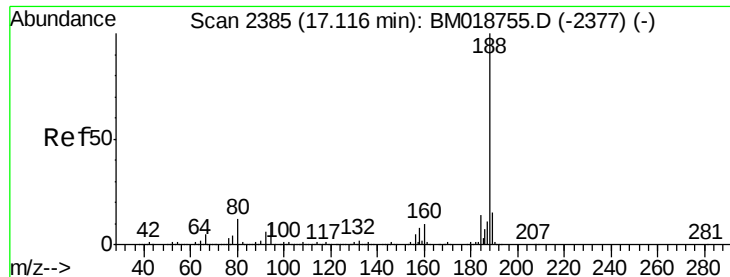
#45
 2-Fluorobiphenyl
 Concen: 98.091 ng
 RT: 12.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM019011.D
 Acq: 04 Mar 2019 16:05

Tgt Ion:172 Resp: 4092936
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.6 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: 17.09 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

Instrument :

BNA_M

ClientSampleId :

TWP-1

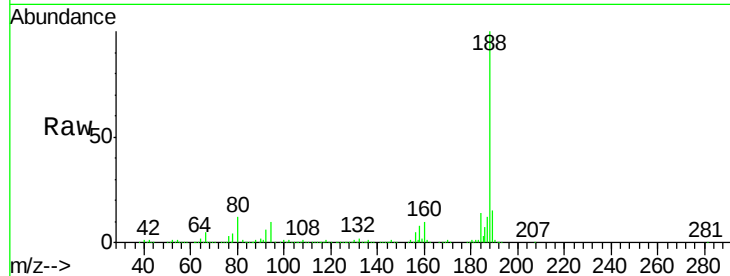
Tot Ion:188 Resp: 1213740

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

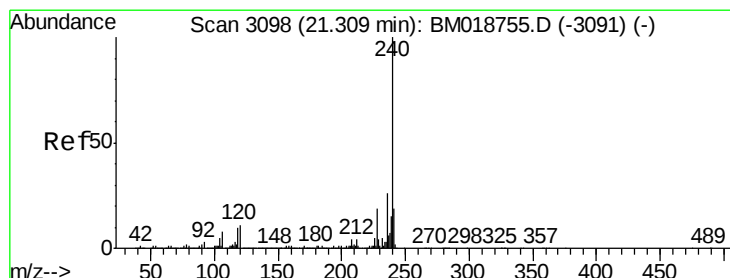
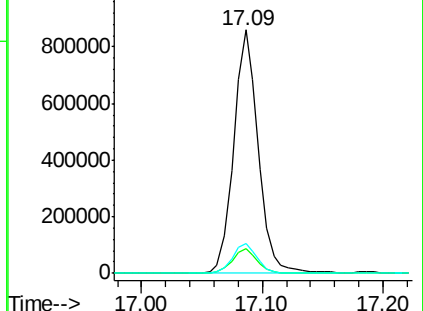
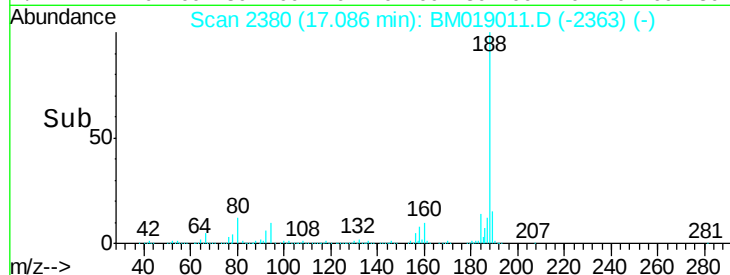
80 12.3 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

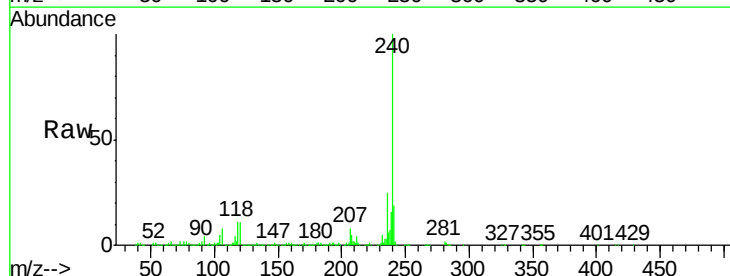
Tgt Ion:240 Resp: 985805

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

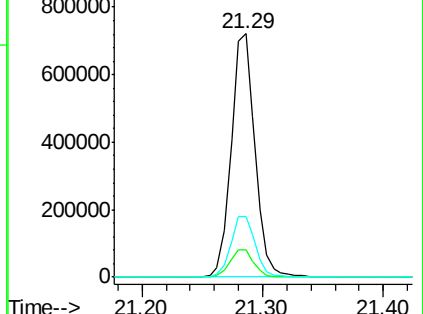
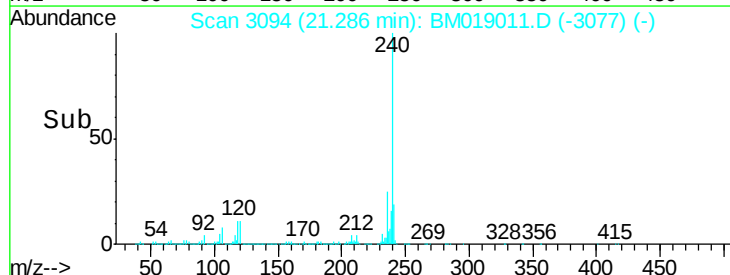
236 25.0 20.9 31.3

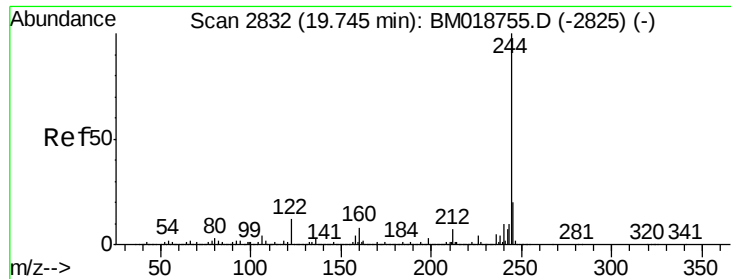


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 123.616 ng

RT: 19.73 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

Instrument :

BNA_M

ClientSampleId :

TWP-1

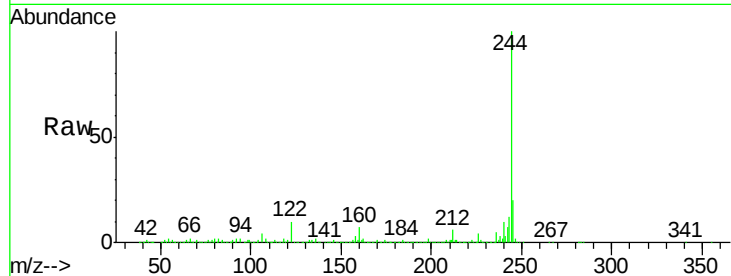
Tot Ion:244 Resp: 5907294

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

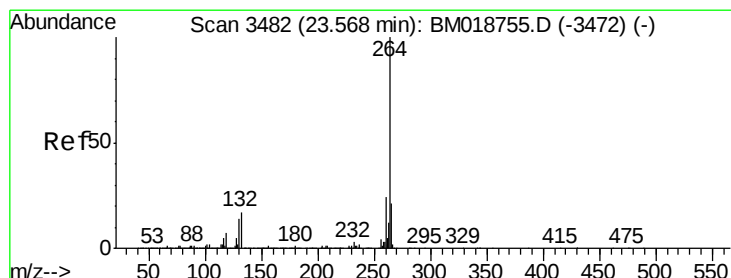
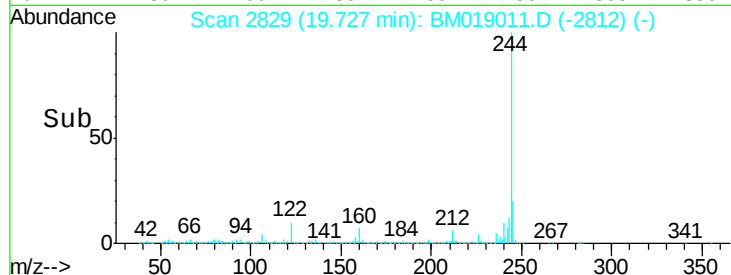
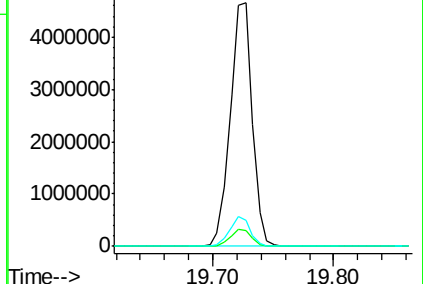
122 10.4 9.3 13.9



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: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM019011.D

Acq: 04 Mar 2019 16:05

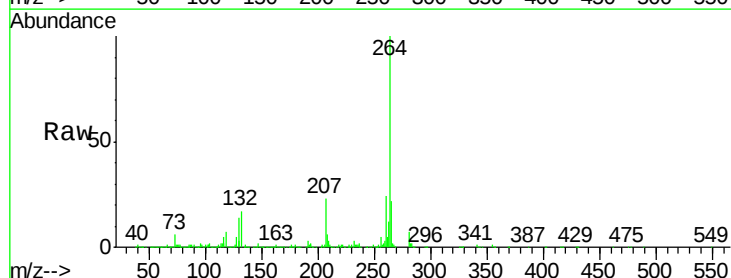
Tgt Ion:264 Resp: 914048

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.1 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

