

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019241.D
 Acq On : 19 Mar 2019 17:55
 Operator : JU/SJ
 Sample : K1958-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: Mar 20 05:11:53 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	7.64	152	167348	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	664495	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	439060	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1033693	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	969336	20.00	ng	-0.02
87) Perylene-d12	23.49	264	848966	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1385123	134.04	ng	-0.02
7) Phenol-d6	6.82	99	1817015	120.21	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1365271	97.12	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1072812	165.49	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3108994	92.11	ng	-0.03
79) Terphenyl-d14	19.69	244	5822490	119.25	ng	-0.02

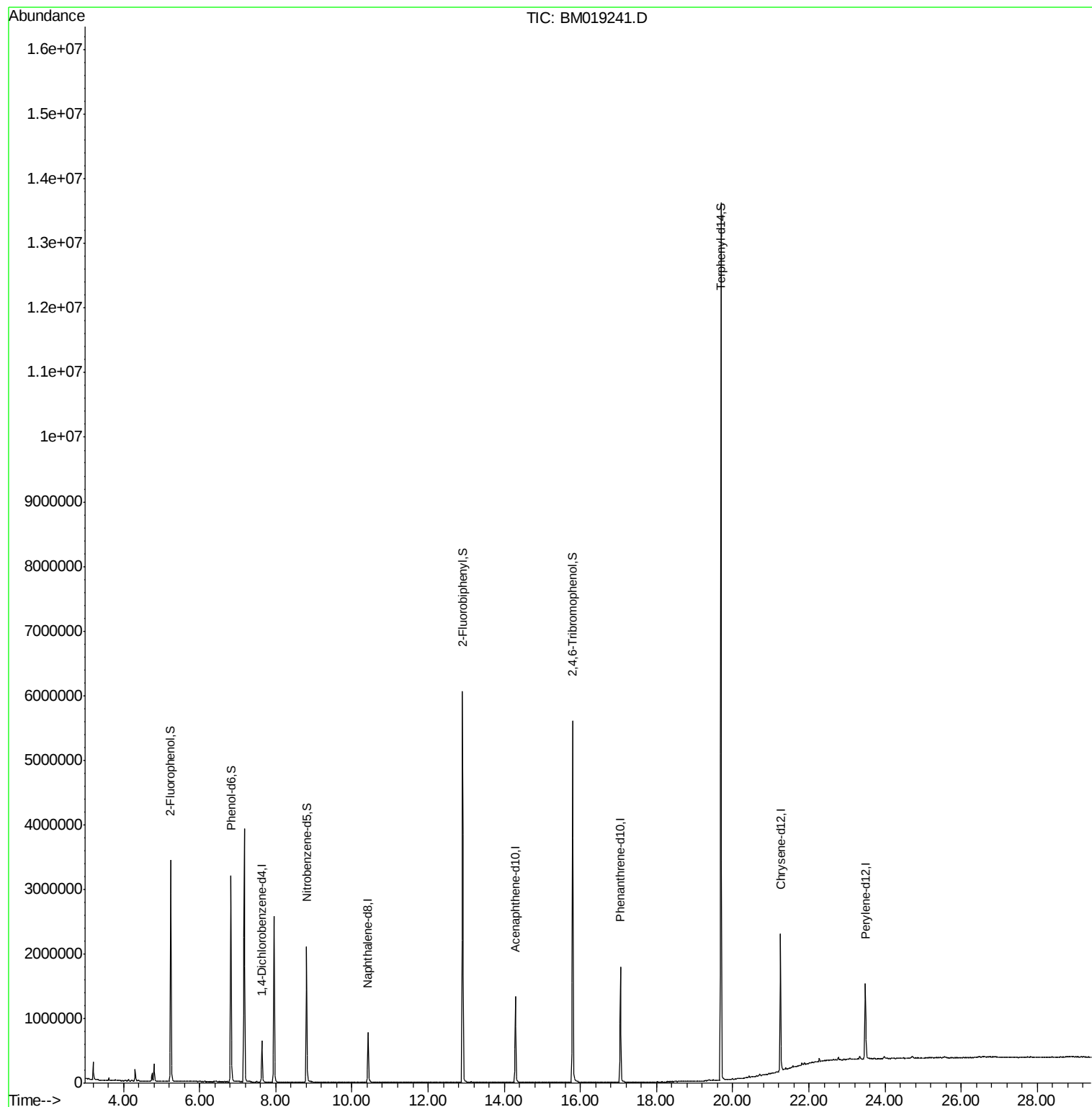
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019241.D
Acq On : 19 Mar 2019 17:55
Operator : JU/SJ
Sample : K1958-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2

Quant Time: Mar 20 05:11:53 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



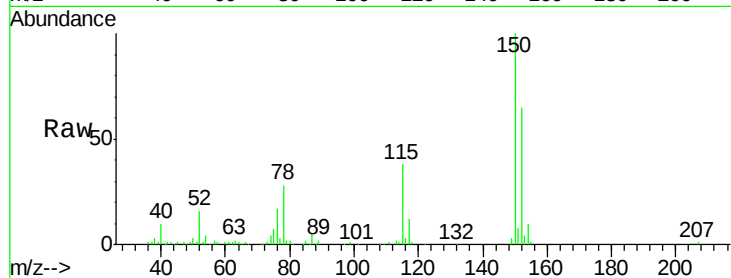


#1

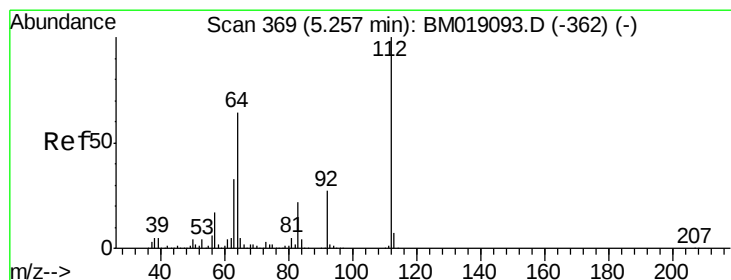
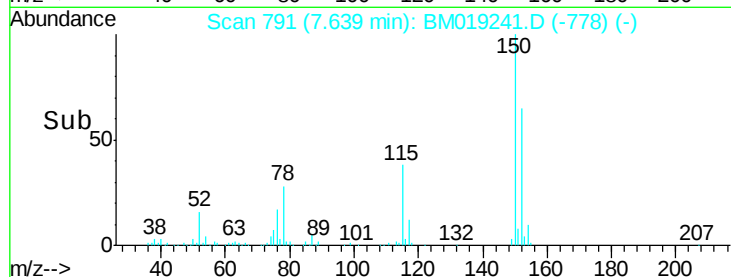
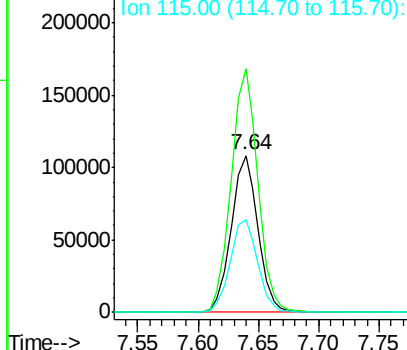
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019241.D
Acq: 19 Mar 2019 17:55

Instrument :
BNA_M
ClientSampled :
TP-2

Tgt Ion:152 Resp: 167348
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 59.2 49.4 74.0



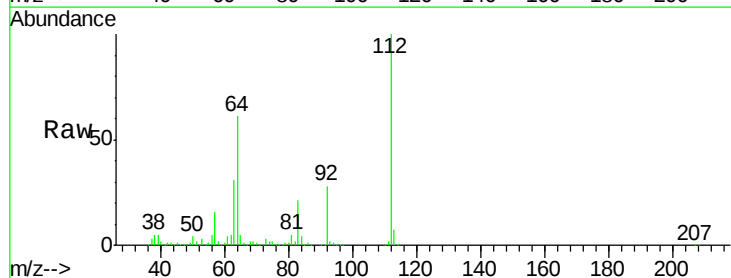
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



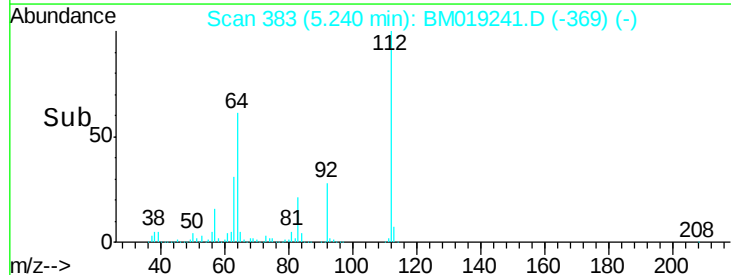
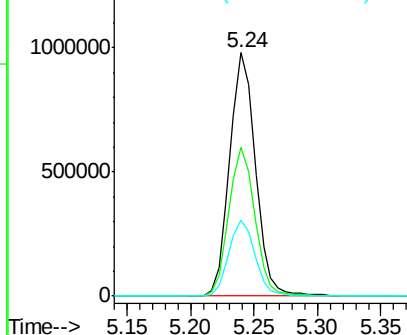
#5

2-Fluorophenol
Concen: 134.043 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019241.D
Acq: 19 Mar 2019 17:55

Tgt Ion:112 Resp: 1385123
Ion Ratio Lower Upper
112 100
64 61.4 51.4 77.0
63 31.4 26.6 40.0



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: 120.214 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

Instrument :

BNA_M

ClientSampleId :

TP-2

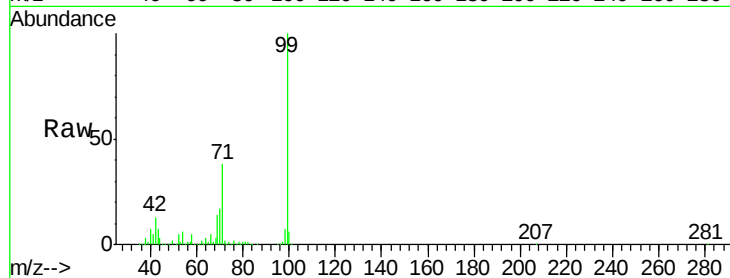
Tgt Ion: 99 Resp: 1817015

Ion Ratio Lower Upper

99 100

42 13.4 10.9 16.3

71 37.7 30.3 45.5

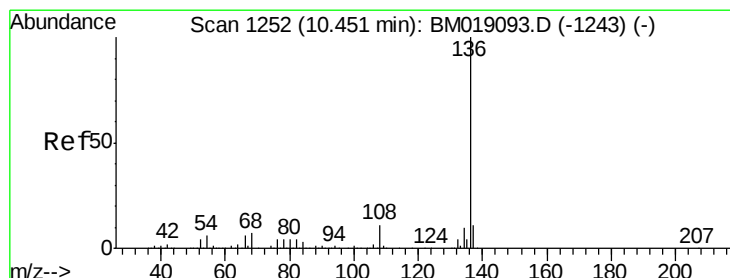
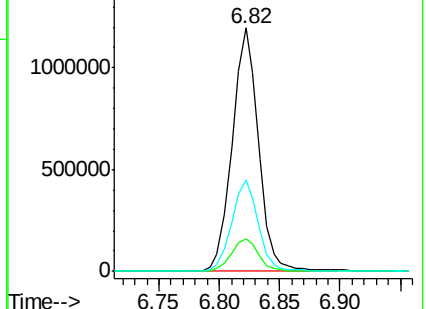
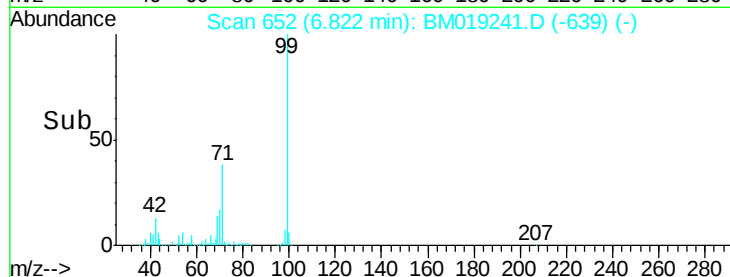


Abundance Ion 99.00 (98.70 to 99.70): BM019241.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019241.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019241.D (-639) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

Tgt Ion: 136 Resp: 664495

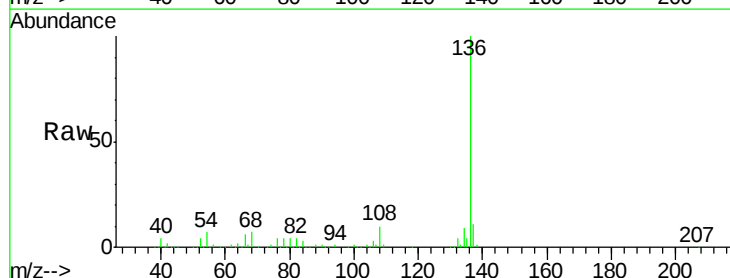
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.5 5.2 7.8

68 7.4 5.8 8.8



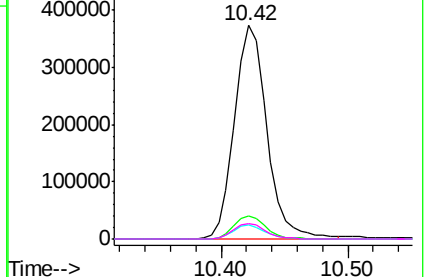
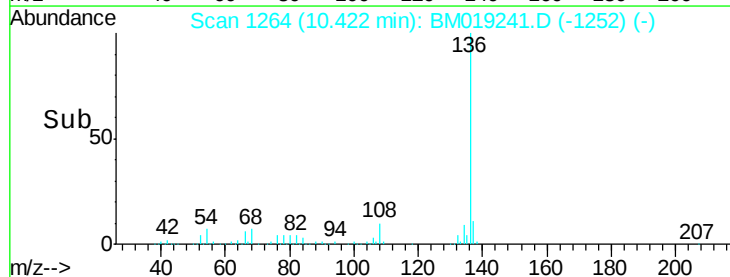
Abundance Ion 136.00 (135.70 to 136.70): BM019241.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM019241.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM019241.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM019241.D (-1252) (-)

Time-->





#23

Nitrobenzene-d5

Concen: 97.121 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

Instrument :

BNA_M

ClientSampleId :

TP-2

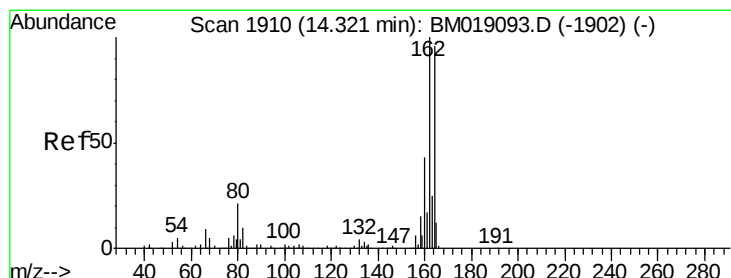
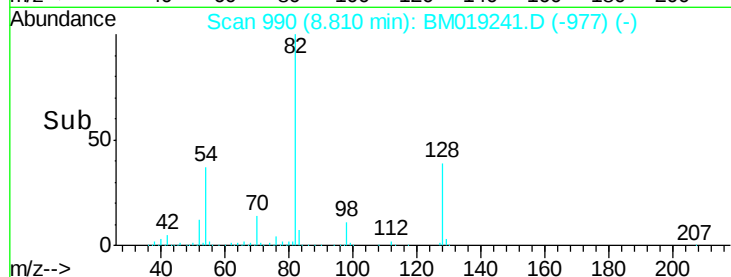
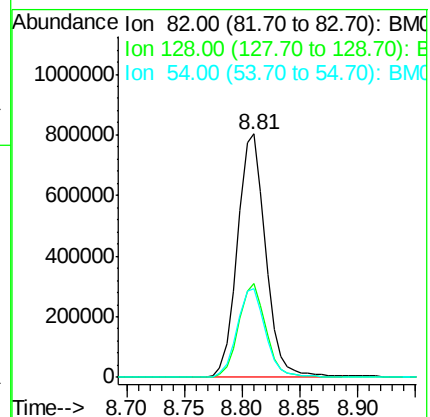
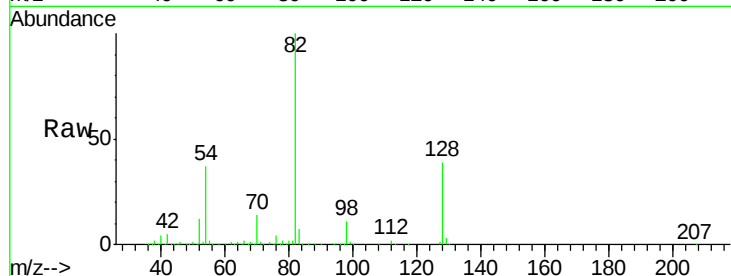
Tgt Ion: 82 Resp: 1365271

Ion Ratio Lower Upper

82 100

128 38.7 29.4 44.2

54 36.7 29.9 44.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1922

Delta R.T. -0.03 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

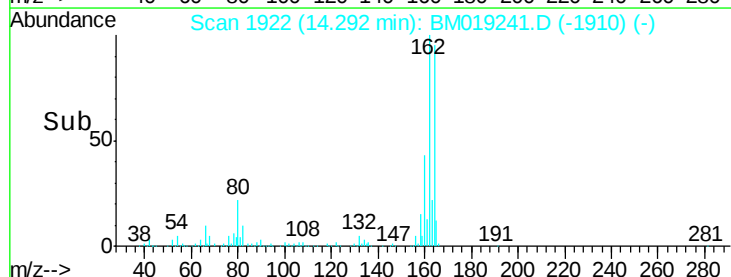
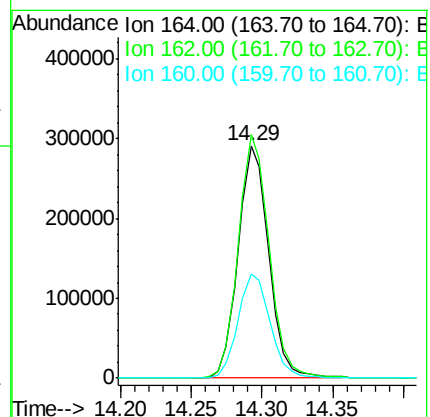
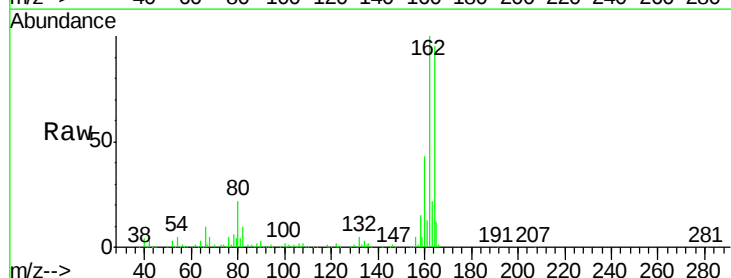
Tgt Ion: 164 Resp: 439060

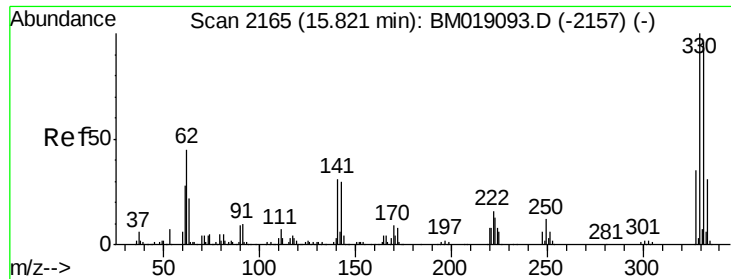
Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

160 45.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 165.492 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

Instrument :

BNA_M

ClientSampled :

TP-2

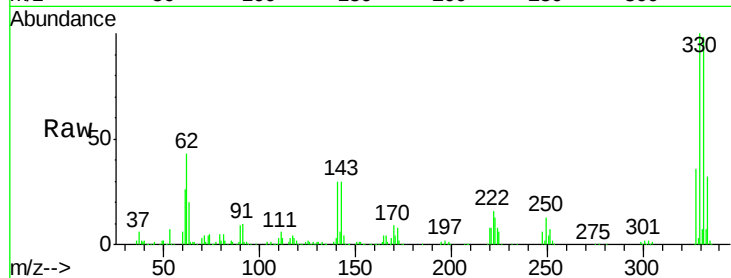
Tgt Ion:330 Resp: 1072812

Ion Ratio Lower Upper

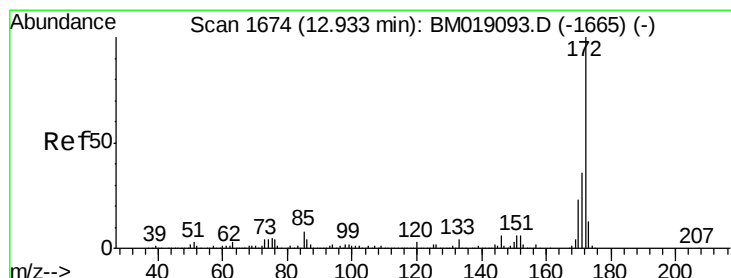
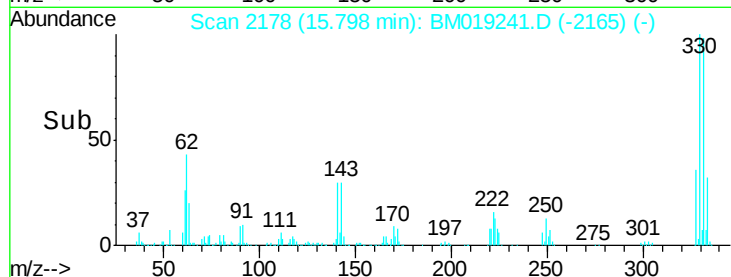
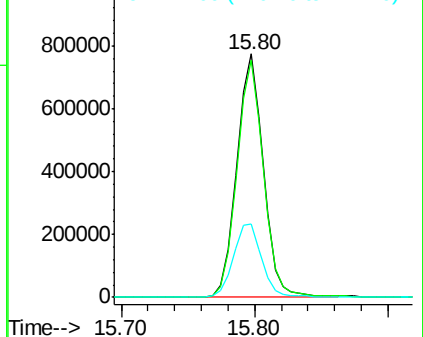
330 100

332 97.2 76.8 115.2

141 32.1 27.0 40.4



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: 92.107 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.03 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

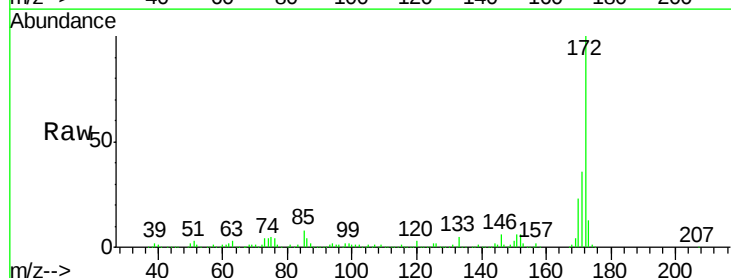
Tgt Ion:172 Resp: 3108994

Ion Ratio Lower Upper

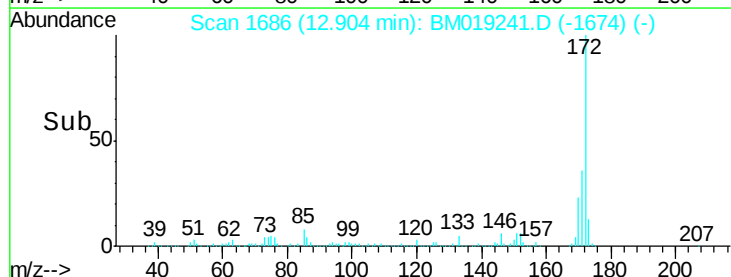
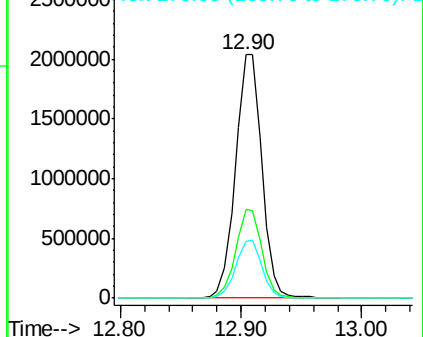
172 100

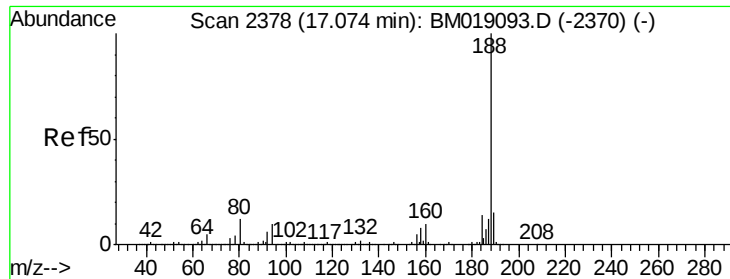
171 36.3 28.6 42.8

170 23.5 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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

Instrument :

BNA_M

ClientSampleId :

TP-2

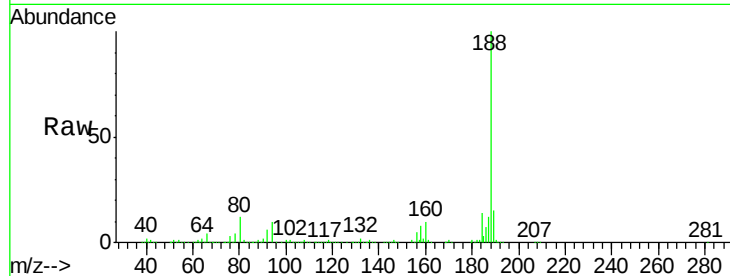
Tgt Ion:188 Resp: 1033693

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

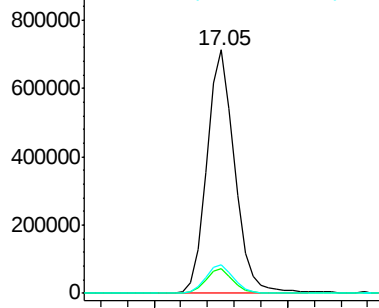
80 11.8 9.7 14.5



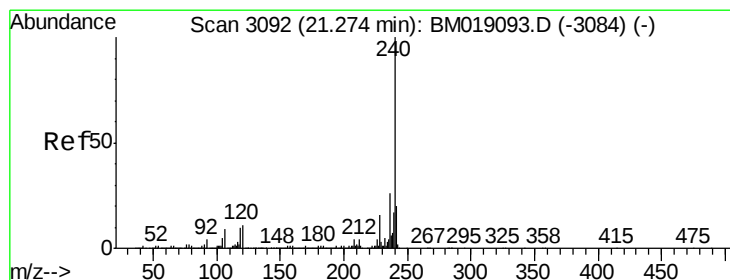
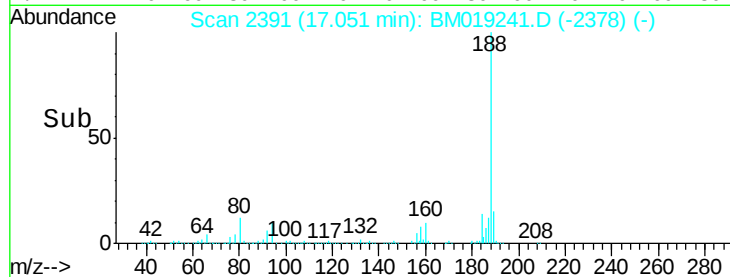
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.02 min

Lab File: BM019241.D

Acq: 19 Mar 2019 17:55

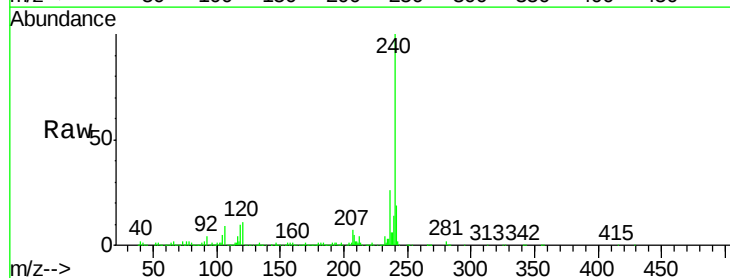
Tgt Ion:240 Resp: 969336

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

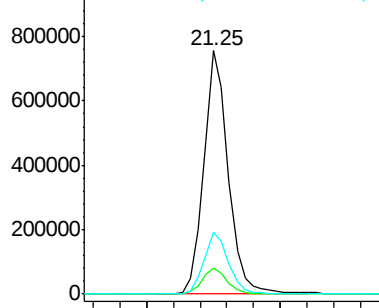
236 25.7 21.0 31.4



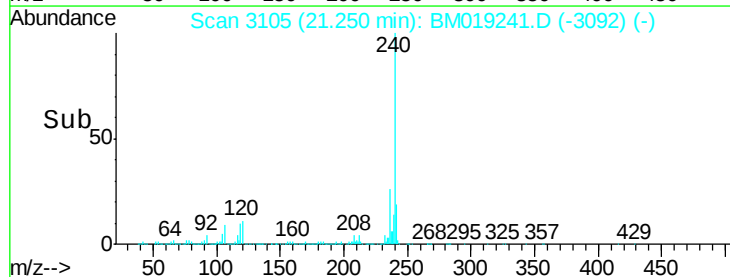
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

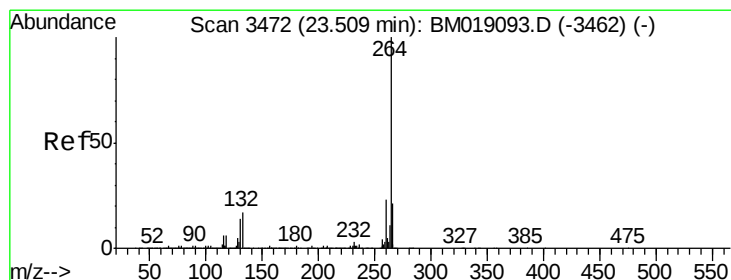
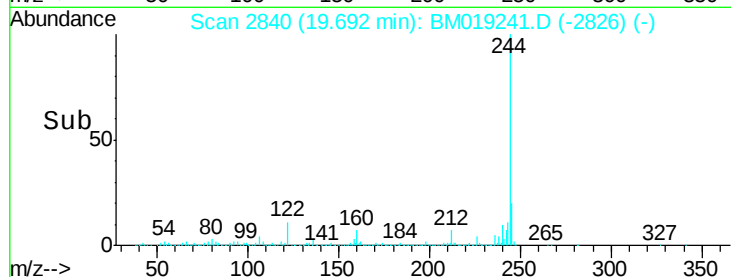
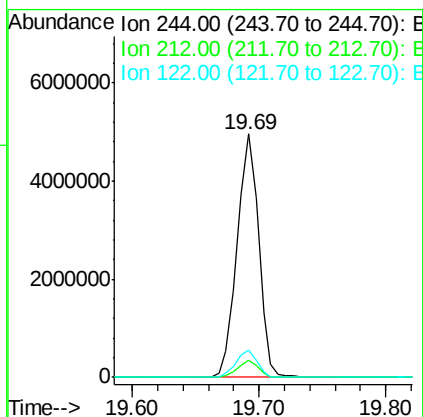
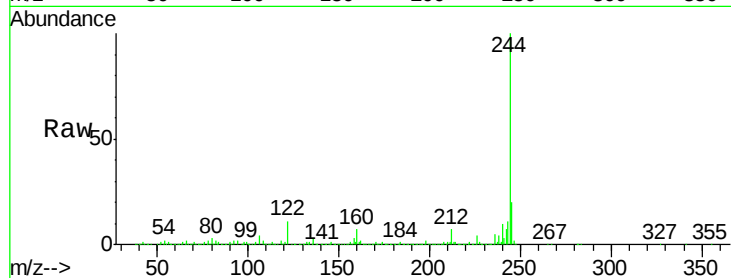




#79
 Terphenyl-d14
 Concen: 119.246 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM019241.D
 Acq: 19 Mar 2019 17:55

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 5822490
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3485
 Delta R.T. -0.02 min
 Lab File: BM019241.D
 Acq: 19 Mar 2019 17:55

Tgt Ion:264 Resp: 848966
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 20.8 17.3 25.9

