

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018612.D
 Acq On : 17 Jan 2019 14:00
 Operator : JU/SJ
 Sample : PB116441BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BL

Quant Time: Jan 18 05:34:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	288284	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1079476	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	563708	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1142344	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1023787	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1055200	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2042229	130.81	ng	-0.02
7) Phenol-d6	6.92	99	2494884	125.82	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1578689	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	15.89	330	918267	127.94	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3892263	90.10	ng	-0.02
79) Terphenyl-d14	19.77	244	4964694	102.23	ng	-0.01

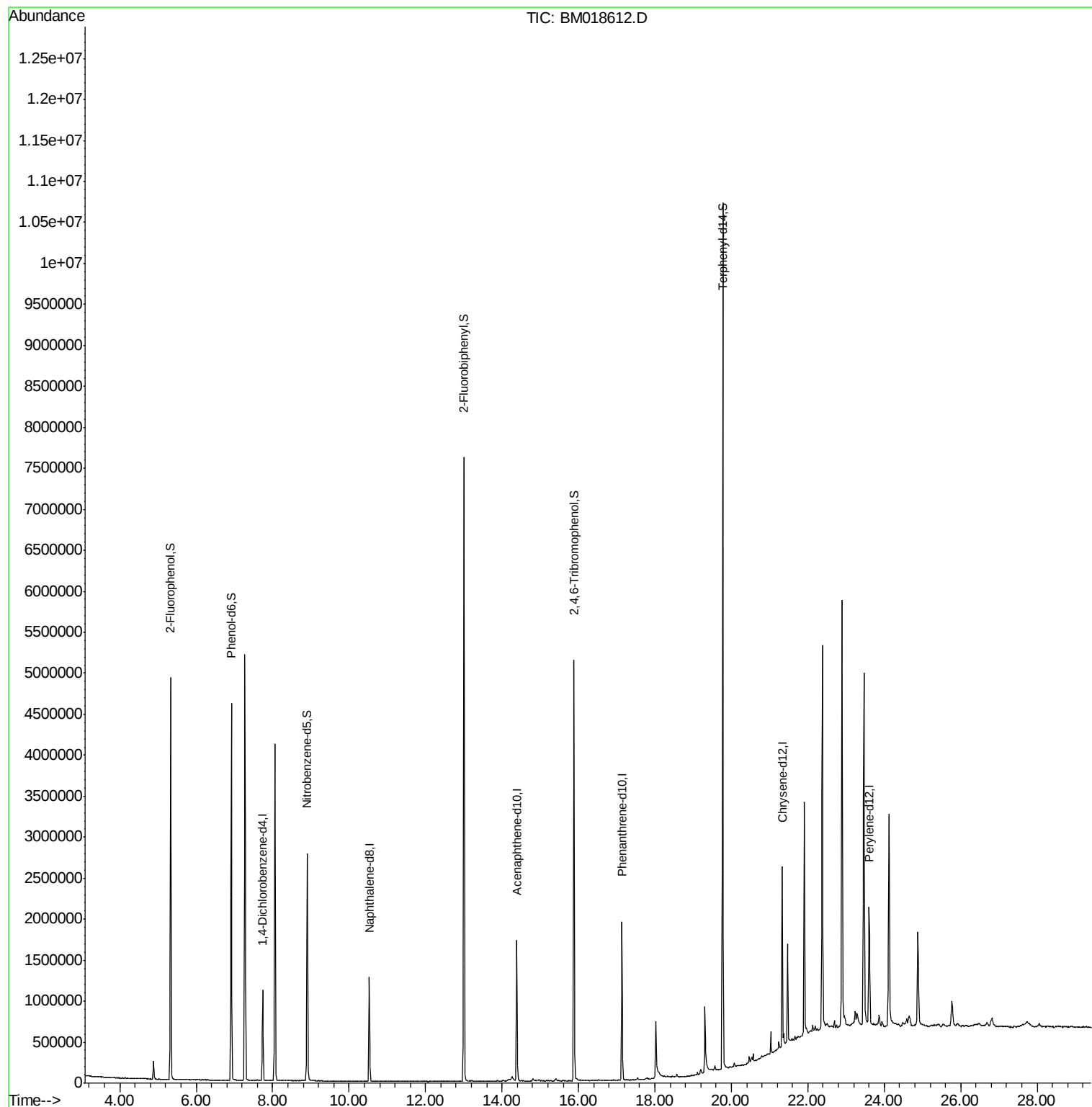
Target Compounds Qvalue

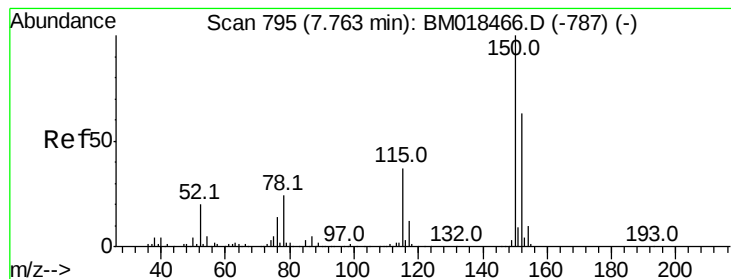
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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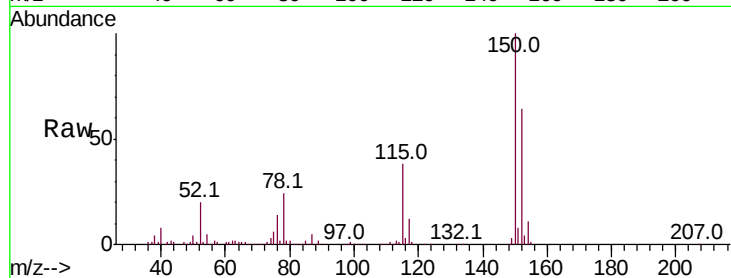




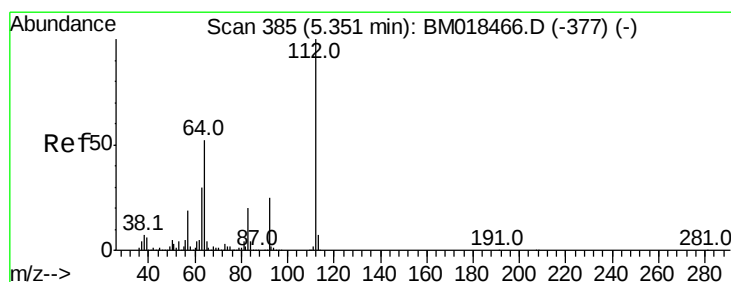
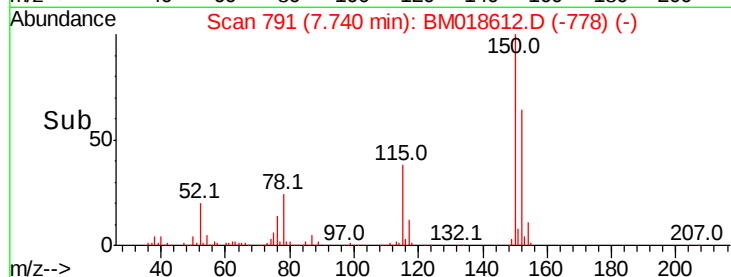
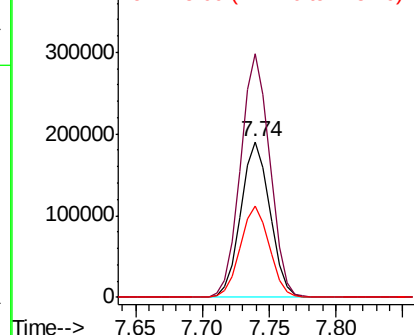
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BL

Tot Ion:152 Resp: 288284
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.9 190.3
 115 59.0 45.5 68.3

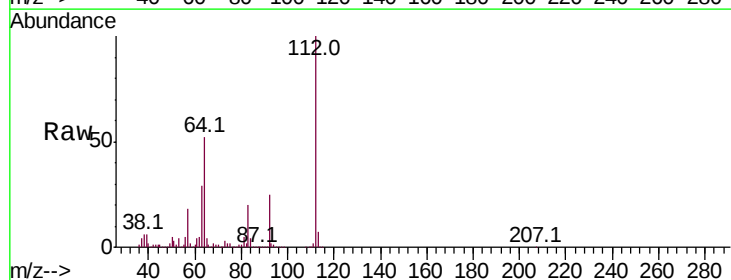


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

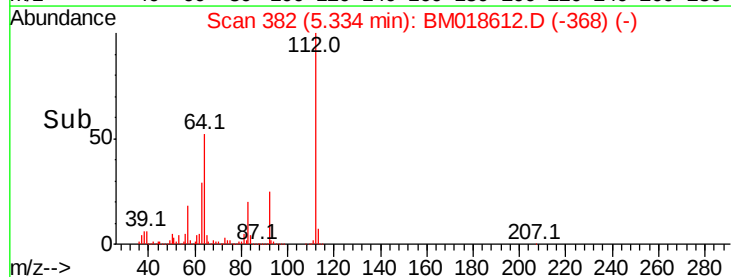
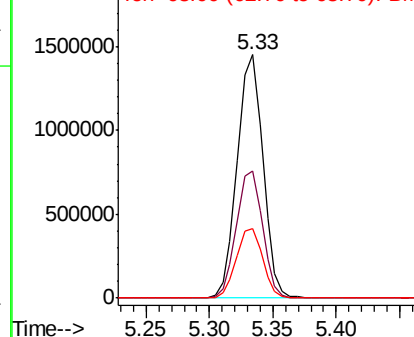


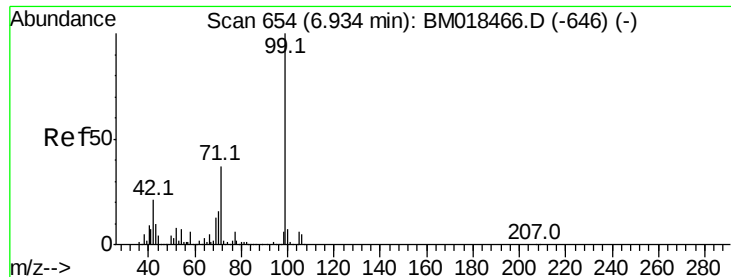
#5
 2-Fluorophenol
 Concen: 130.807 ng
 RT: 5.33 min Scan# 382
 Delta R.T. -0.02 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Tgt Ion:112 Resp: 2042229
 Ion Ratio Lower Upper
 112 100
 64 52.3 46.5 69.7
 63 28.5 25.2 37.8



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: 125.815 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Instrument :

BNA_M

ClientSampleId :

PB116441BL

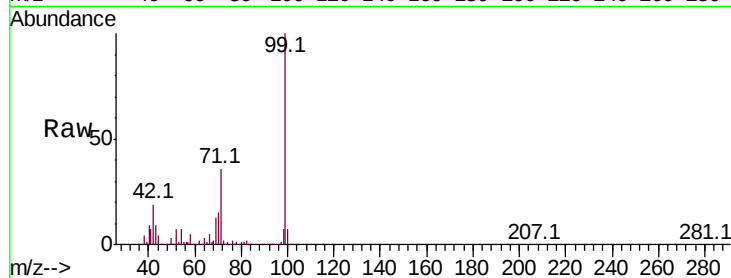
Tot Ion: 99 Resp: 2494884

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

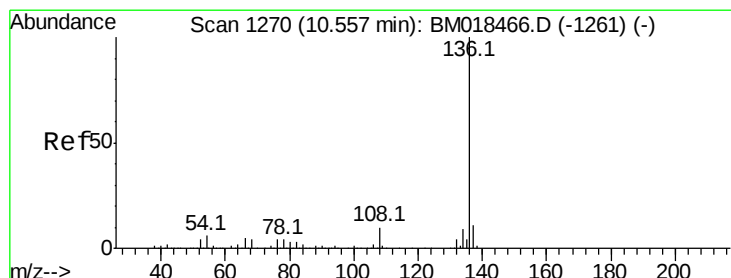
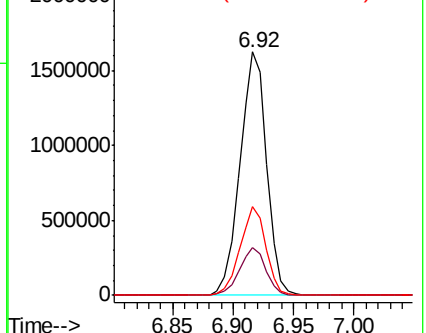
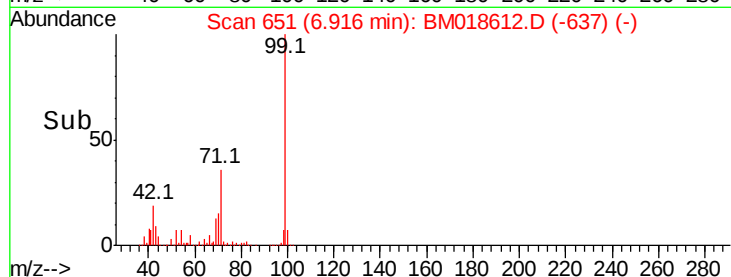
71 36.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018612.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018612.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018612.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Tgt Ion:136 Resp: 1079476

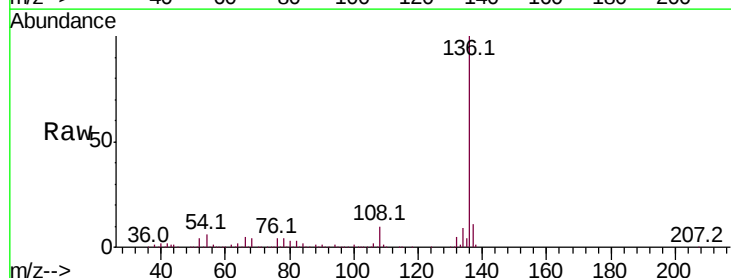
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 6.0 9.0

68 4.2 4.5 6.7#

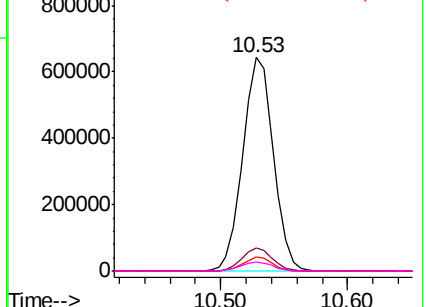
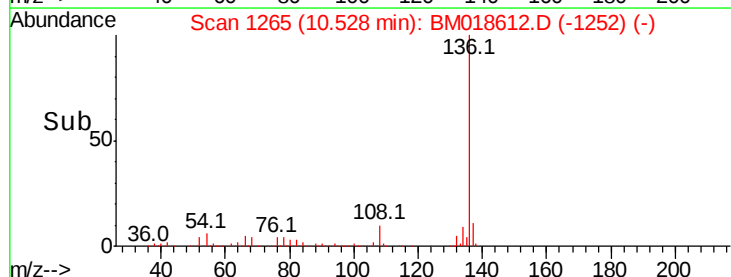


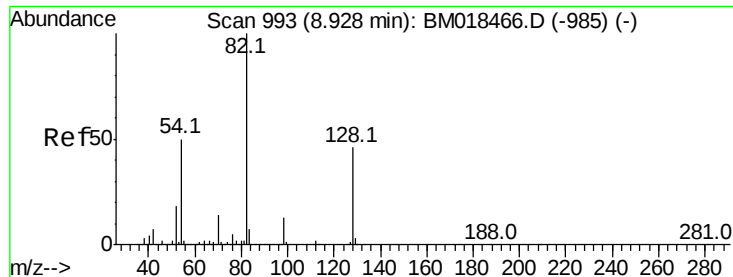
Abundance Ion 136.00 (135.70 to 136.70): BM018612.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018612.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018612.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018612.D (-1252) (-)

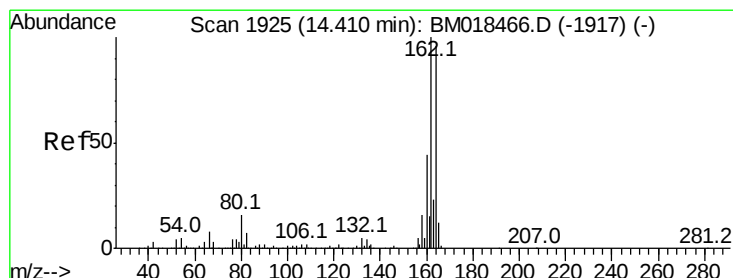
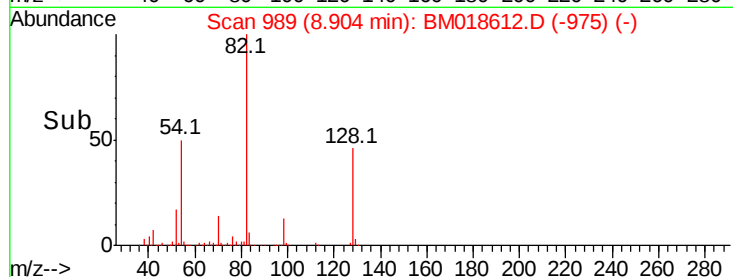
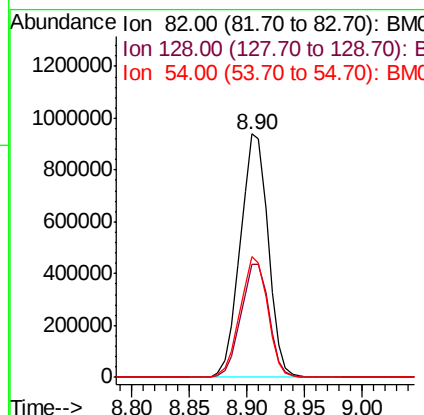
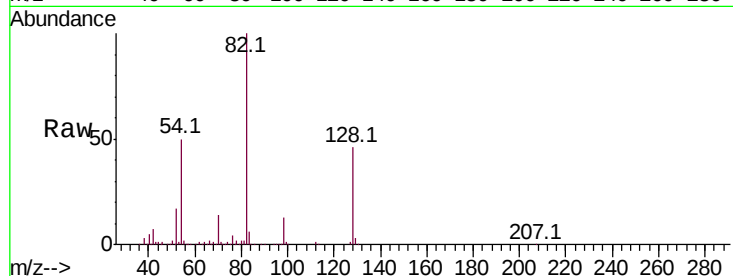




#23
Nitrobenzene-d5
Concen: 84.780 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

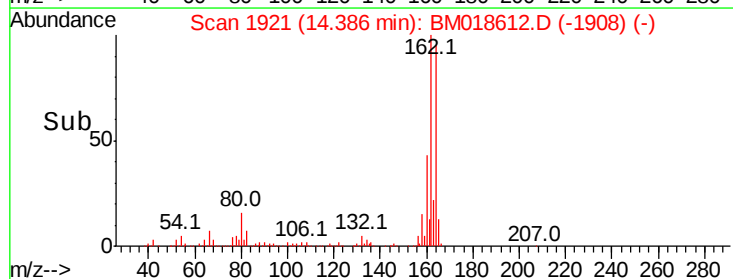
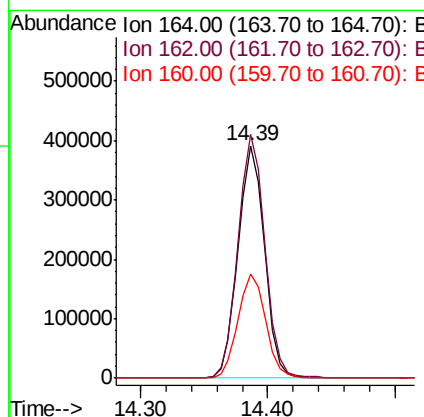
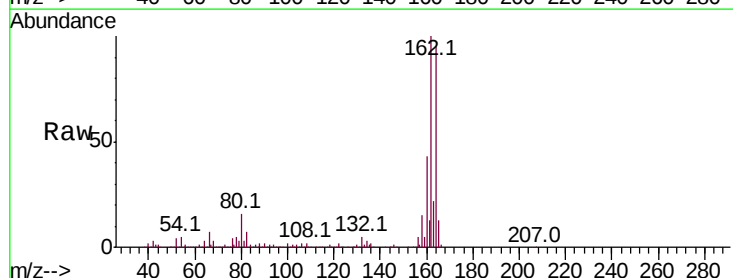
Instrument :
BNA_M
ClientSampleId :
PB116441BL

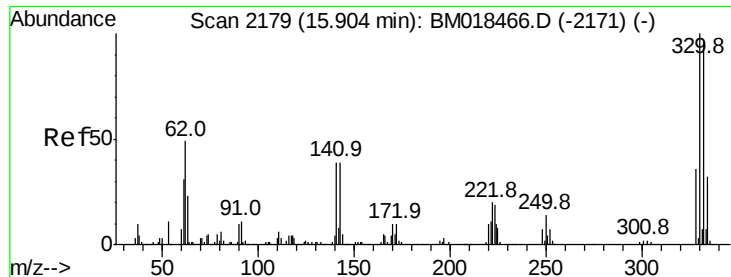
Tot Ion: 82 Resp: 1578689
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 49.8 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018612.D
Acq: 17 Jan 2019 14:00

Tgt Ion: 164 Resp: 563708
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.4
160 44.8 37.1 55.7

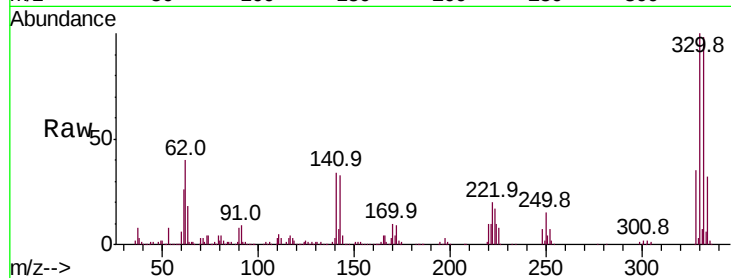




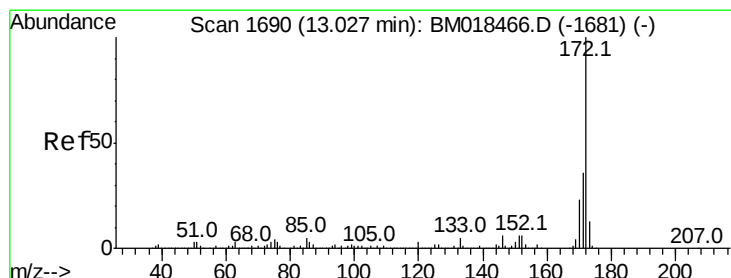
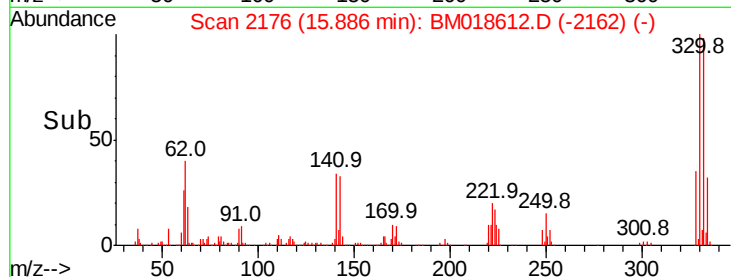
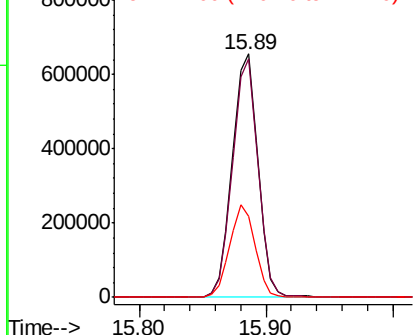
#42
 2,4,6-Tribromophenol
 Concen: 127.935 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BL

Tot Ion:330 Resp: 918267
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 37.7 31.7 47.5

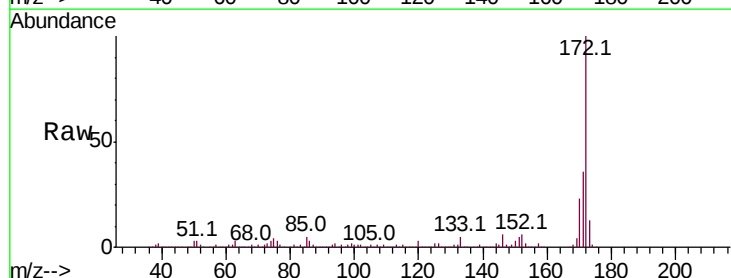


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

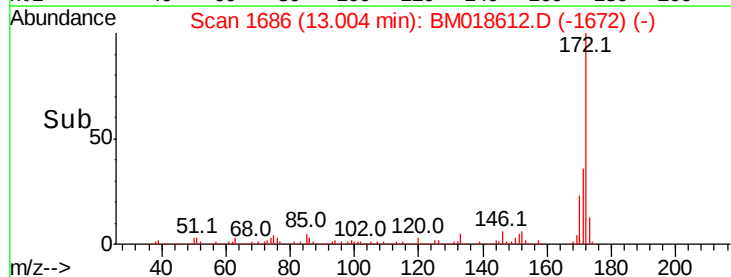
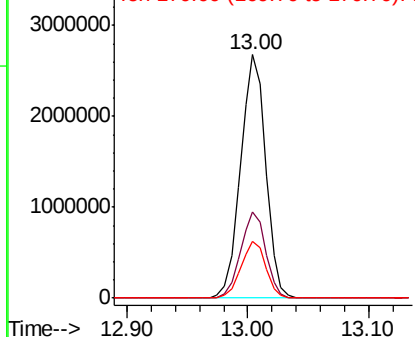


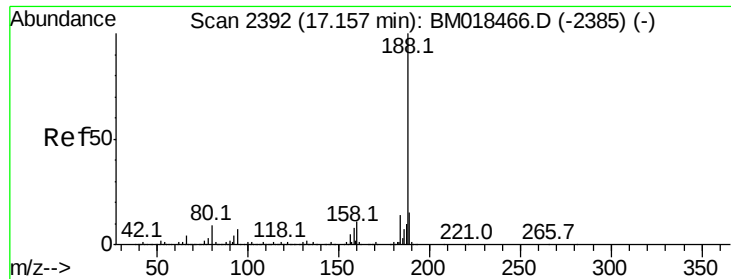
#45
 2-Fluorobiphenyl
 Concen: 90.098 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Tgt Ion:172 Resp: 3892263
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.4 18.9 28.3



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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

Instrument :

BNA_M

ClientSampleId :

PB116441BL

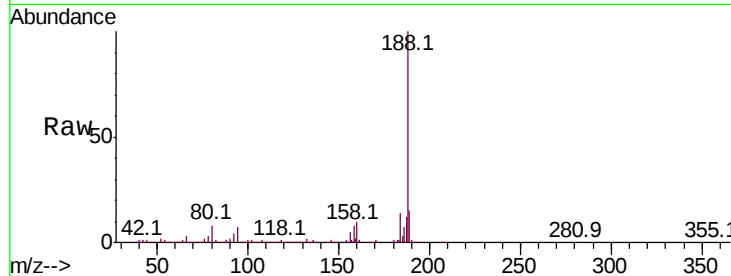
Tot Ion:188 Resp: 1142344

Ion Ratio Lower Upper

188 100

94 7.1 7.1 10.7#

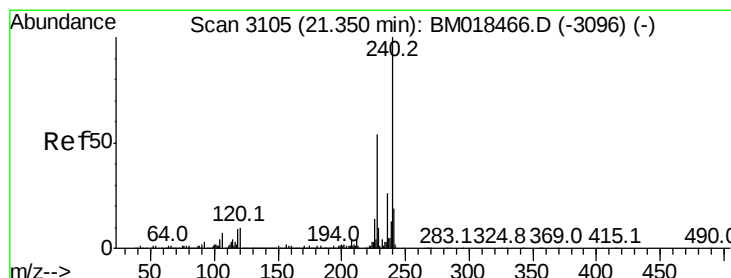
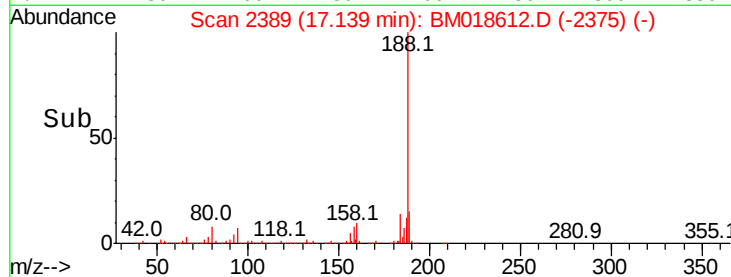
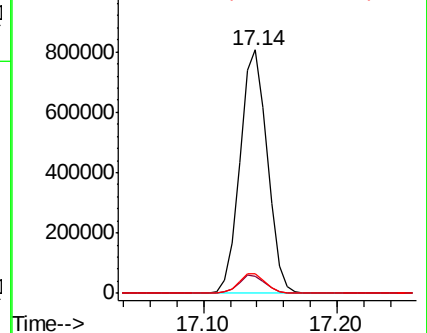
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018612.D

Acq: 17 Jan 2019 14:00

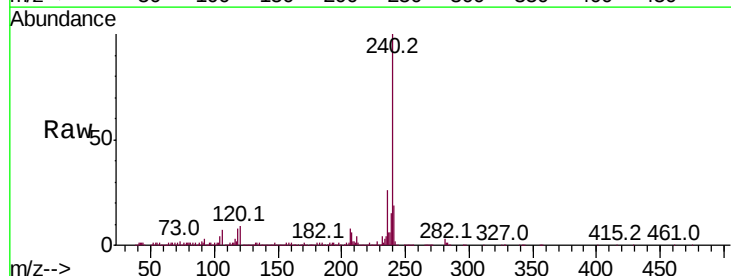
Tgt Ion:240 Resp: 1023787

Ion Ratio Lower Upper

240 100

120 9.0 8.4 12.6

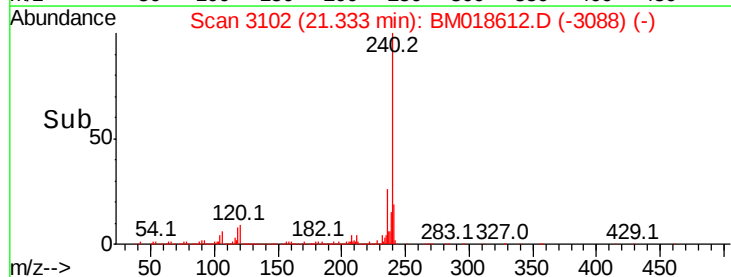
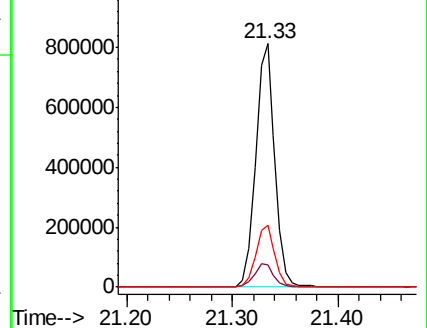
236 25.6 20.7 31.1

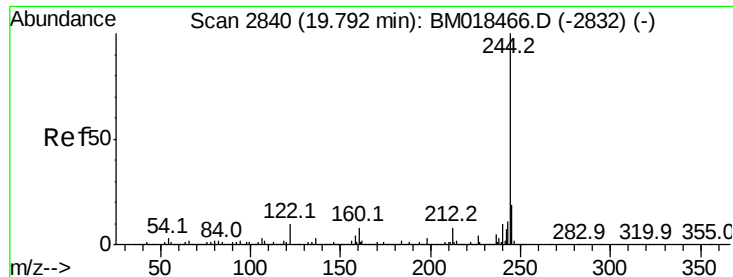


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

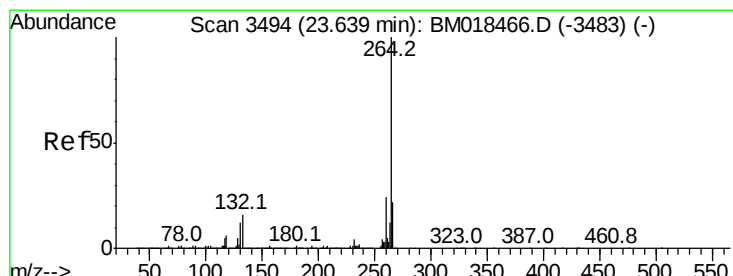
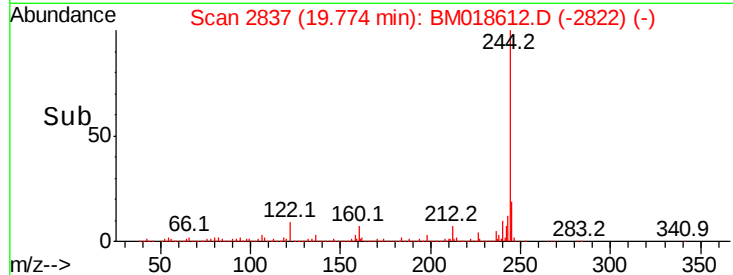
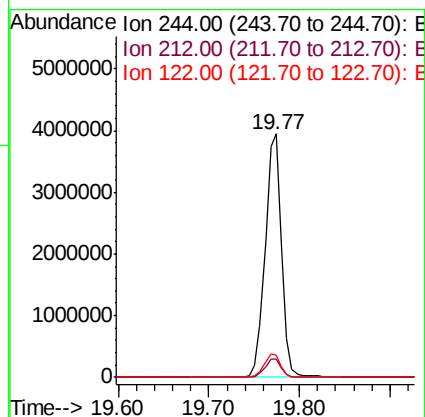
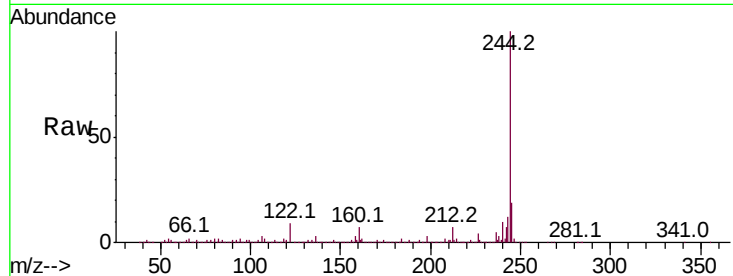




#79
 Terphenyl-d14
 Concen: 102.226 ng
 RT: 19.77 min Scan# 2837
 Delta R.T. -0.01 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Instrument :
 BNA_M
 ClientSampleID :
 PB116441BL

Tot Ion:244 Resp: 4964694
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.60 min Scan# 3488
 Delta R.T. -0.03 min
 Lab File: BM018612.D
 Acq: 17 Jan 2019 14:00

Tgt Ion:264 Resp: 1055200
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.7 16.8 25.2

