

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018917.D
 Acq On : 25 Feb 2019 17:24
 Operator : JU/SJ
 Sample : K1597-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-22

Quant Time: Feb 26 00:06:42 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

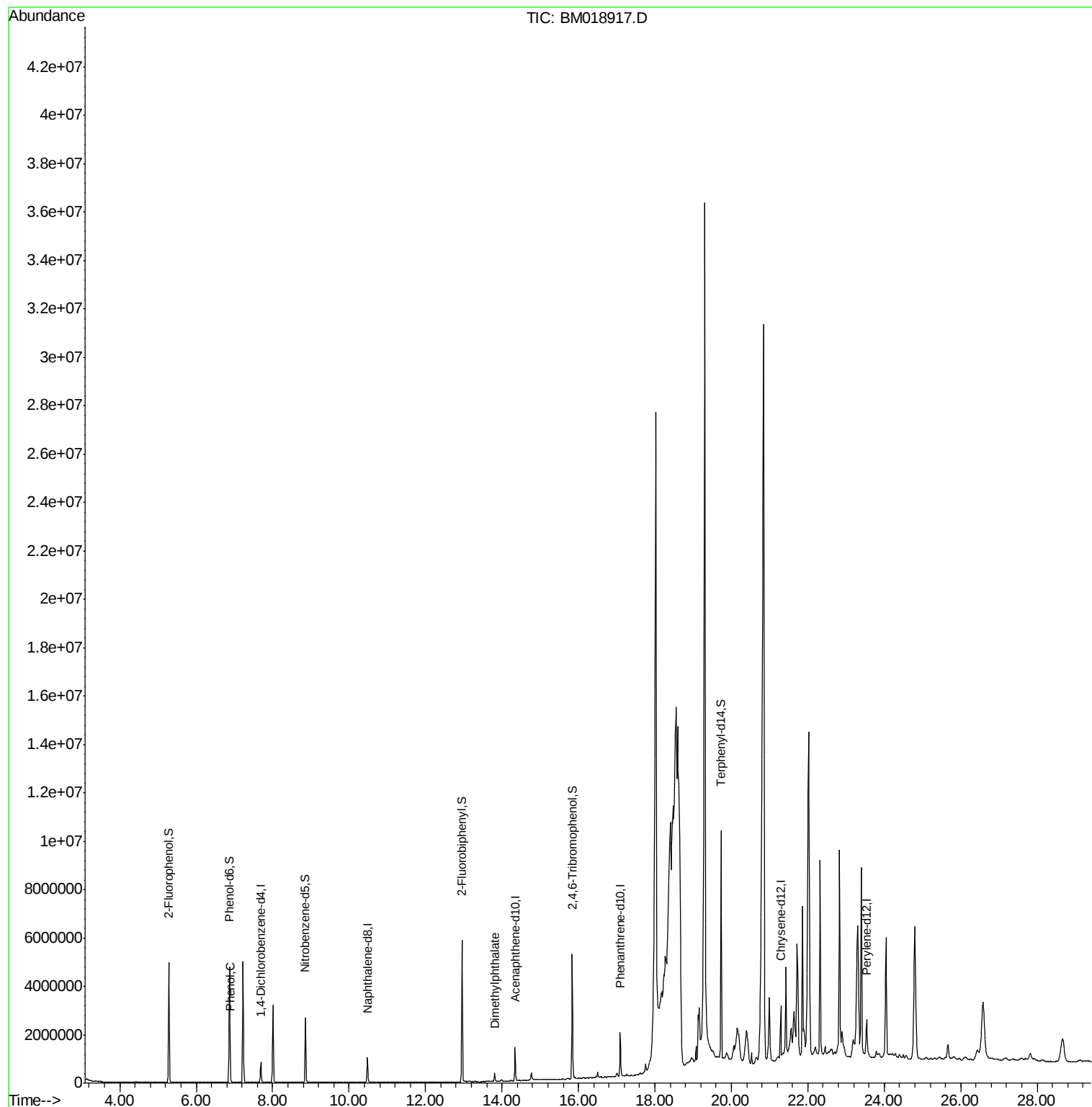
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	217375	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	830635	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	457101	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	994677	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	968157	20.00	ng	-0.02
87) Perylene-d12	23.54	264	954599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1964328	148.06	ng	-0.02
7) Phenol-d6	6.87	99	2677283	143.25	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1704931	94.91	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	894551	135.76	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	2785483	80.89	ng	-0.02
79) Terphenyl-d14	19.73	244	4121336	87.82	ng	-0.01
Target Compounds						
10) Phenol	6.89	94	80860	4.112	ng	87
50) Dimethylphthalate	13.80	163	202645	5.320	ng	98

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

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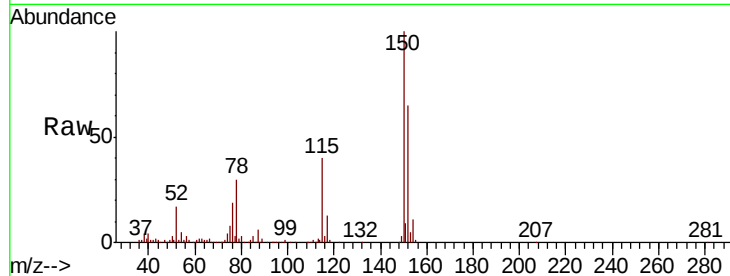


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BM018917.D
 Acq: 25 Feb 2019 17:24

Instrument :
 BNA_M
 ClientSampleId :
 TP-22

Tot Ion	152	Resp	217375
Ion	Ratio	Lower	Upper
152	100		
150	153.0	127.3	190.9
115	61.5	50.8	76.2

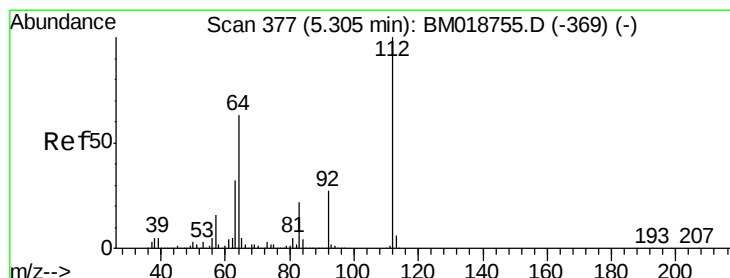
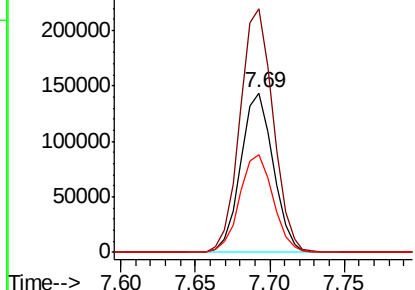
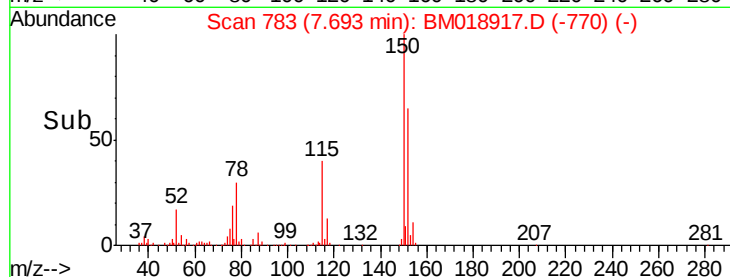


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

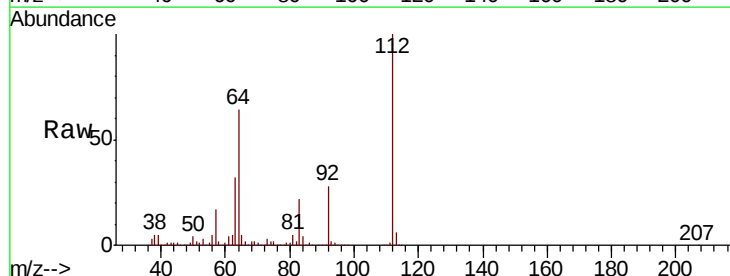
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 148.062 ng
 RT: 5.29 min Scan# 374
 Delta R.T. -0.02 min
 Lab File: BM018917.D
 Acq: 25 Feb 2019 17:24

Tgt Ion	112	Resp	1964328
Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	75.8
63	32.5	25.7	38.5

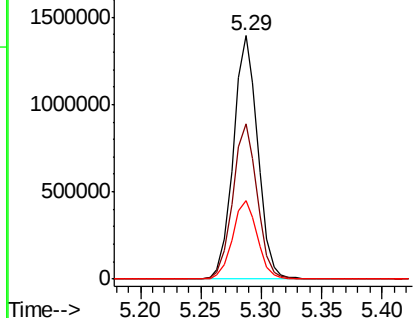
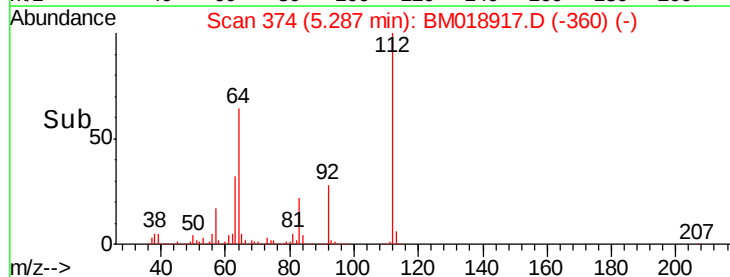


Abundance

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: 143.248 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM018917.D

Acq: 25 Feb 2019 17:24

Instrument :

BNA_M

ClientSampleId :

TP-22

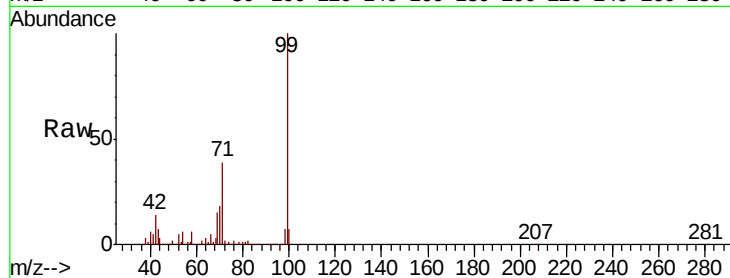
Tot Ion: 99 Resp: 2677283

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.6

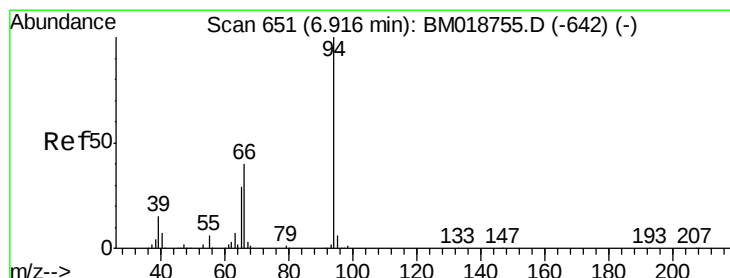
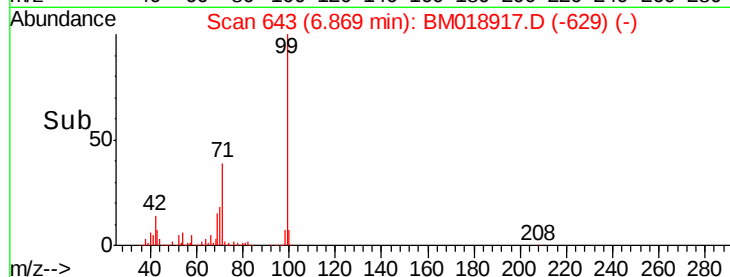
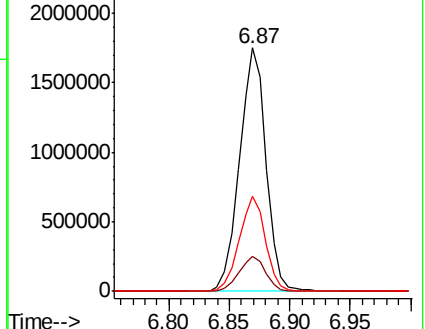
71 39.0 31.3 46.9



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) (-)



#10

Phenol

Concen: 4.112 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018917.D

Acq: 25 Feb 2019 17:24

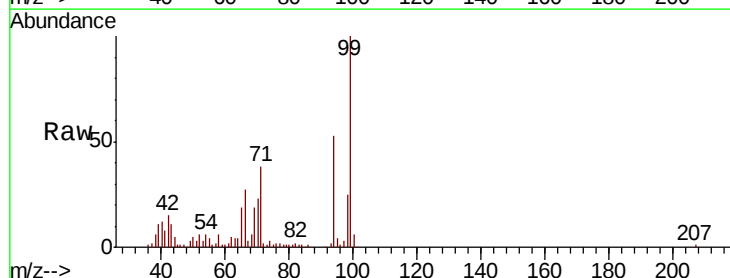
Tgt Ion: 94 Resp: 80860

Ion Ratio Lower Upper

94 100

65 35.0 9.6 49.6

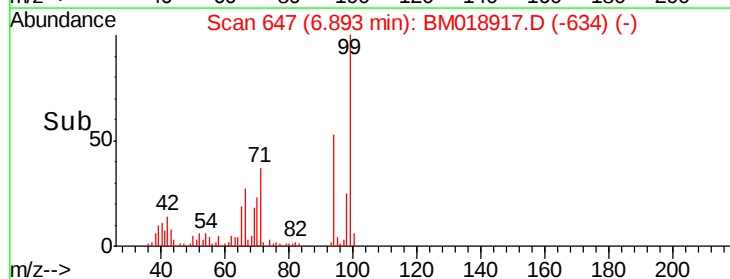
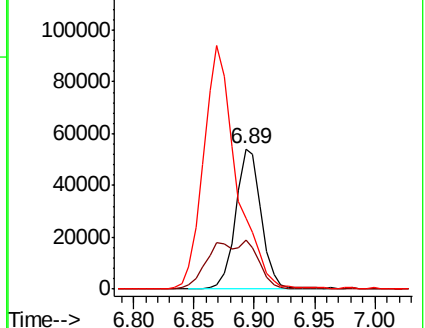
66 50.3 20.4 60.4

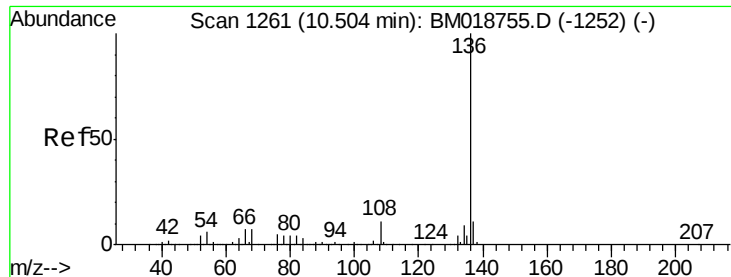


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

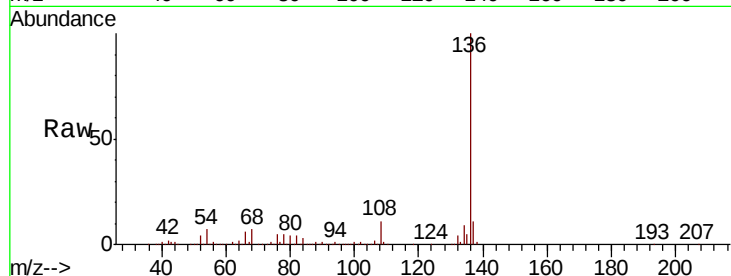




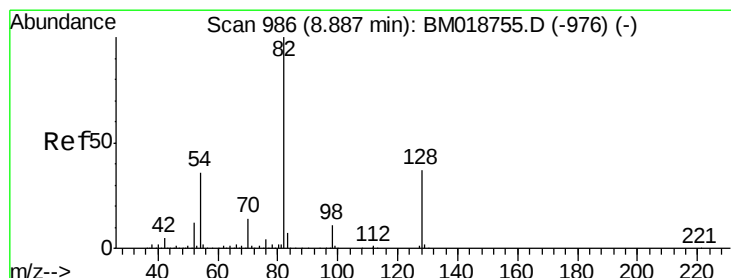
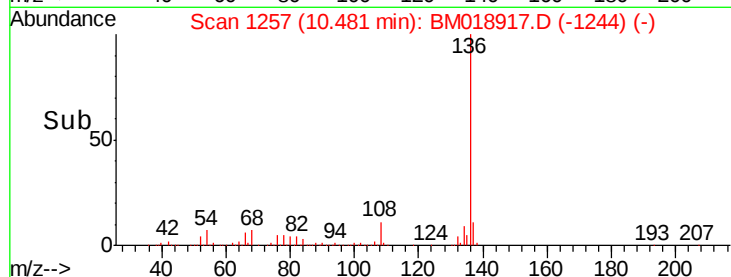
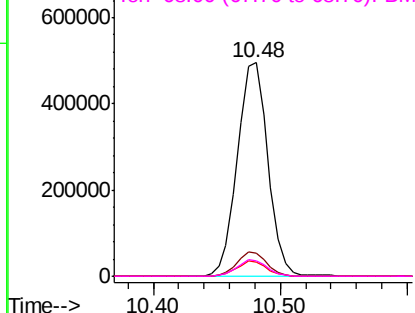
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

Instrument :
BNA_M
ClientSampleId :
TP-22

Tot Ion:136	Resp:	830635
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	6.6	5.0 7.6
68	7.3	5.5 8.3

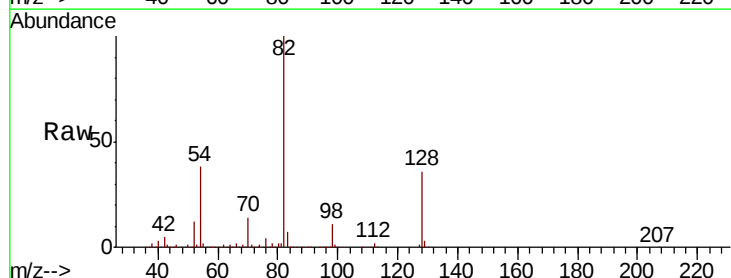


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

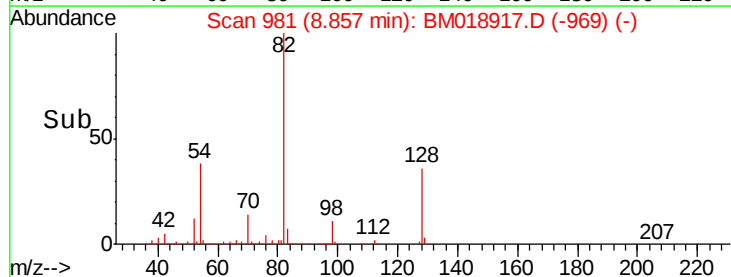
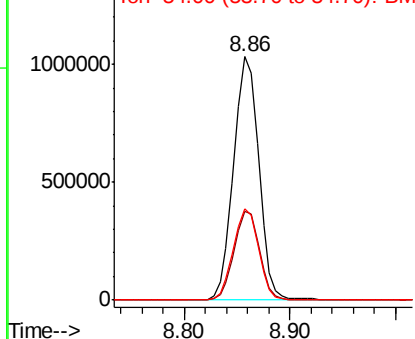


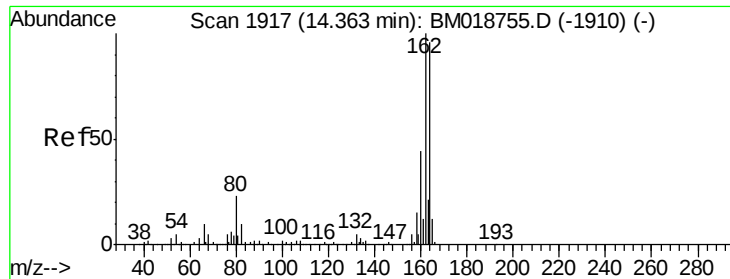
#23
Nitrobenzene-d5
Concen: 94.908 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

Tgt Ion: 82	Resp:	1704931
Ion	Ratio	Lower Upper
82	100	
128	36.4	29.9 44.9
54	37.7	29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

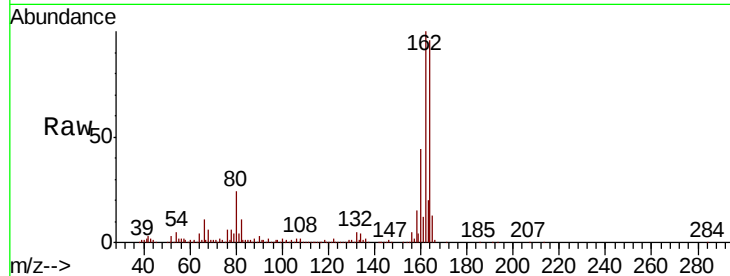




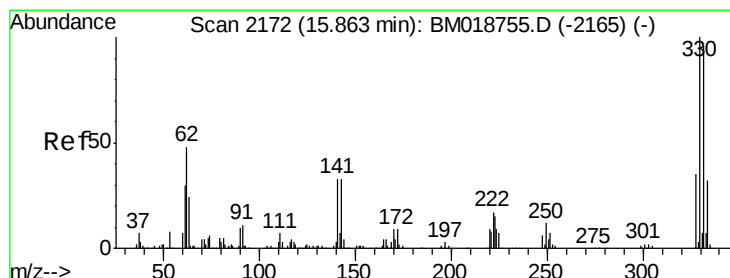
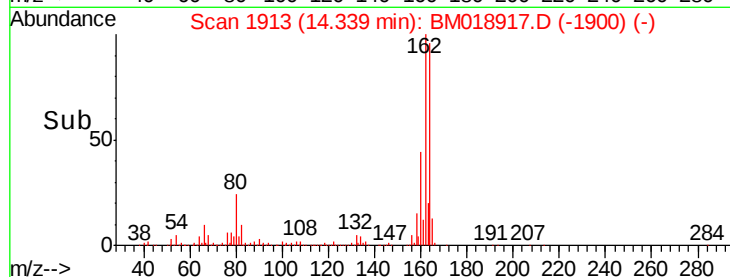
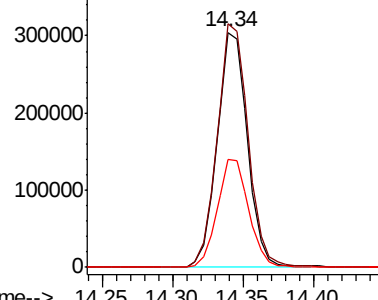
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

Instrument :
BNA_M
ClientSampleId :
TP-22

Tot Ion:164 Resp: 457101
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 45.8 36.6 55.0

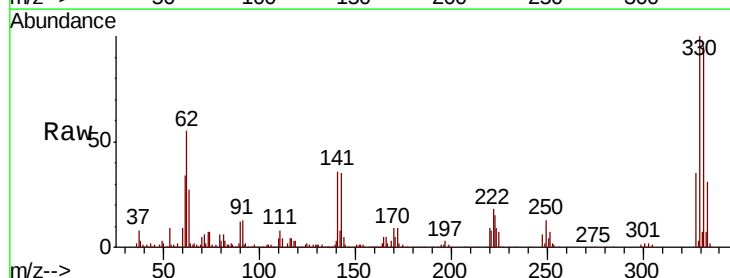


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

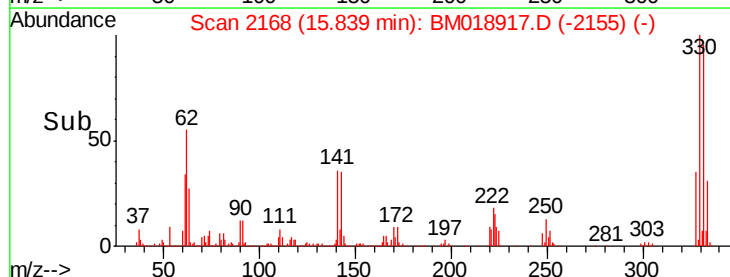
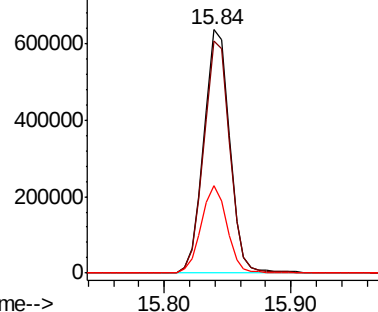


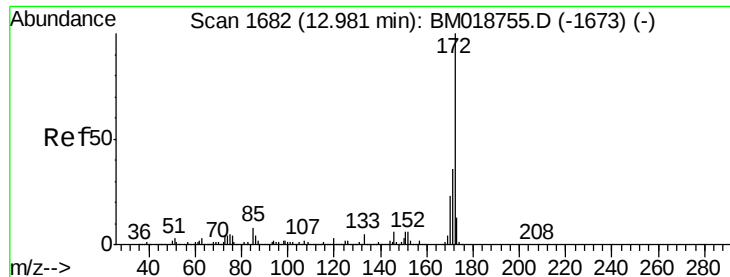
#42
2,4,6-Tribromophenol
Concen: 135.765 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

Tgt Ion:330 Resp: 894551
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 35.7 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

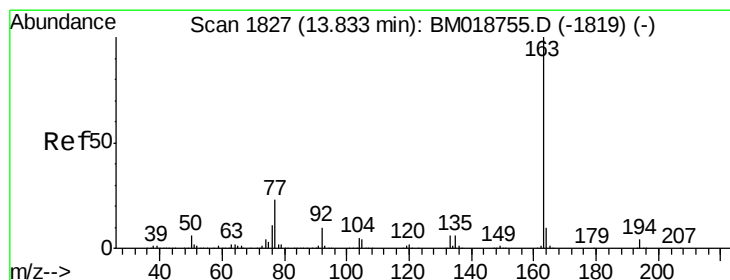
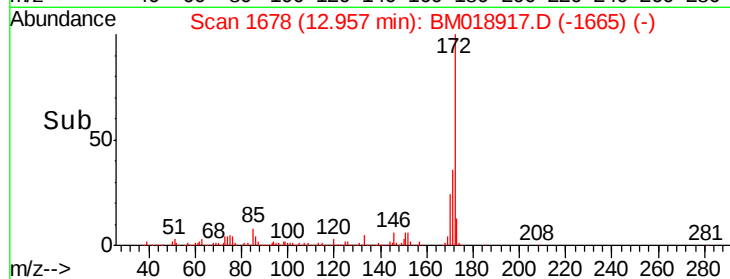
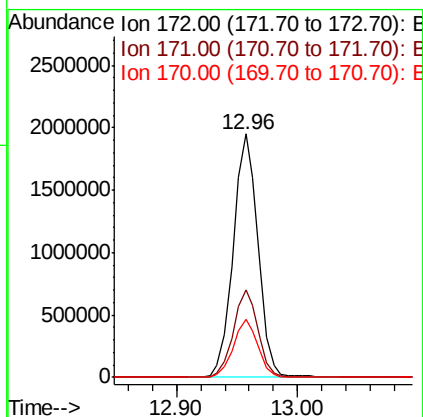
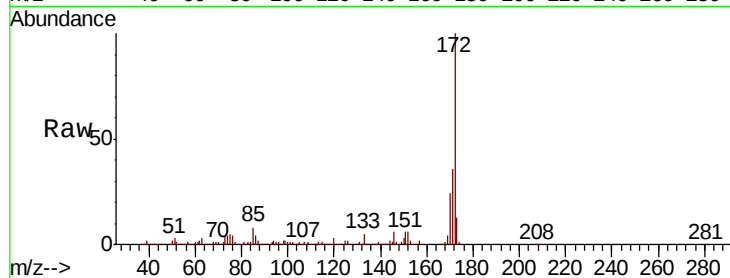




#45
2-Fluorobiphenyl
Concen: 80.894 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

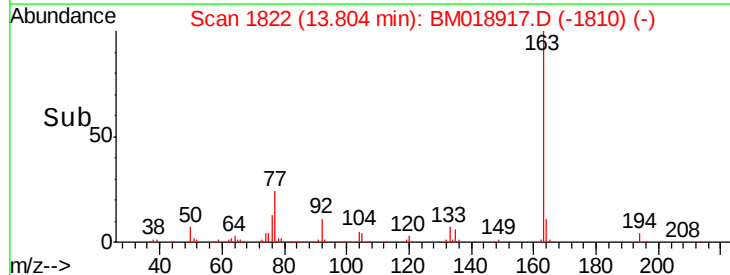
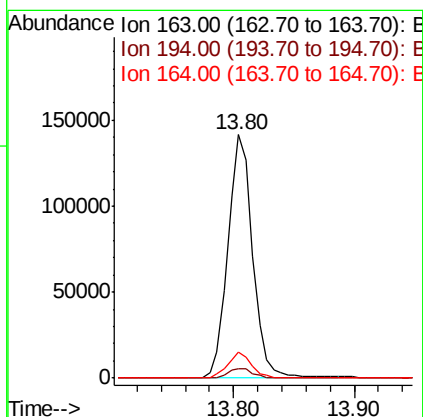
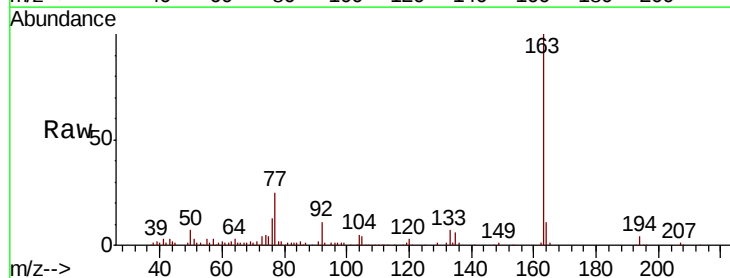
Instrument :
BNA_M
ClientSampled :
TP-22

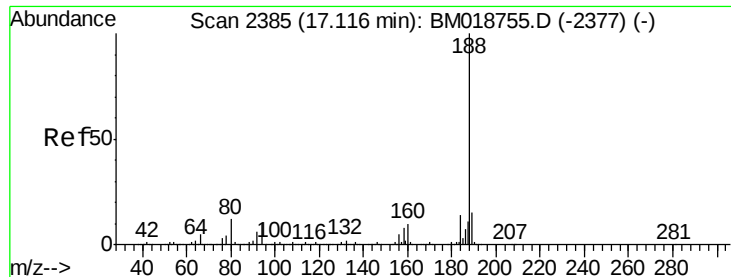
Tot Ion:172 Resp: 2785483
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.7 18.6 28.0



#50
Dimethylphthalate
Concen: 5.320 ng
RT: 13.80 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM018917.D
Acq: 25 Feb 2019 17:24

Tgt Ion:163 Resp: 202645
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.9 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BM018917.D

Acq: 25 Feb 2019 17:24

Instrument :

BNA_M

ClientSampleId :

TP-22

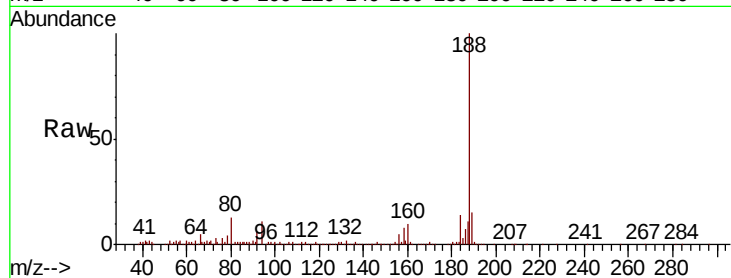
Tot Ion:188 Resp: 994677

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

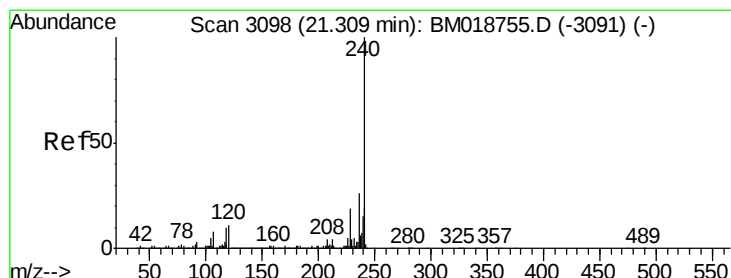
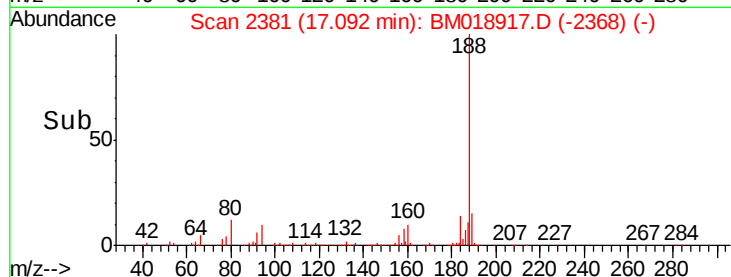
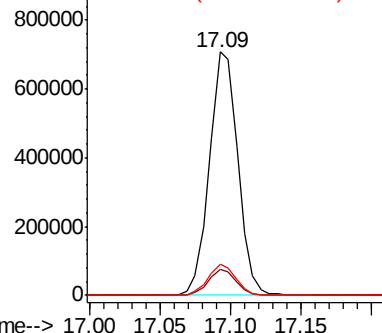
80 12.7 9.7 14.5



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: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018917.D

Acq: 25 Feb 2019 17:24

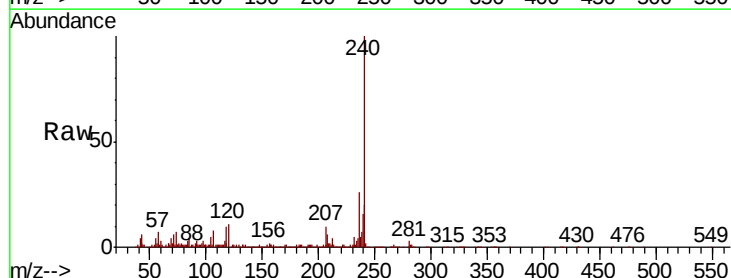
Tgt Ion:240 Resp: 968157

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

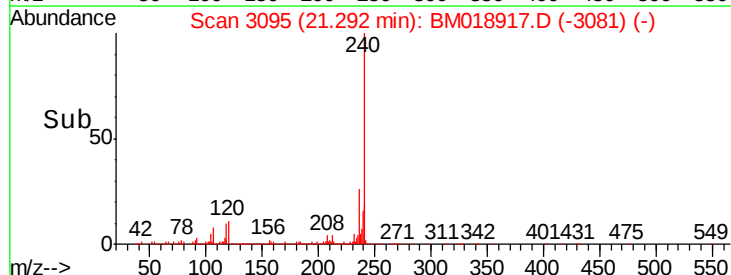
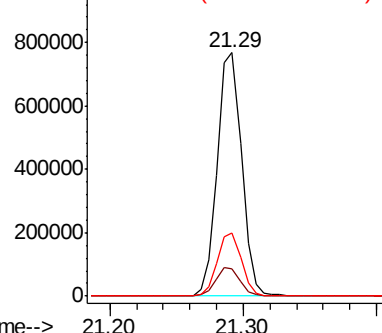
236 26.0 20.9 31.3

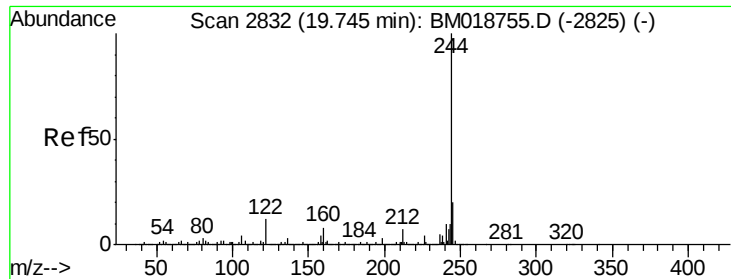


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

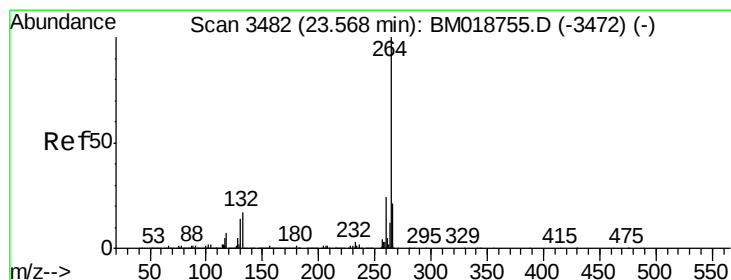
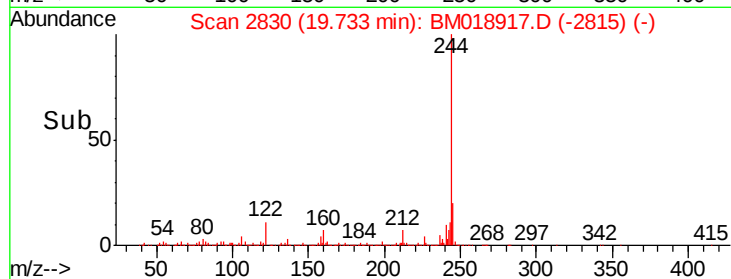
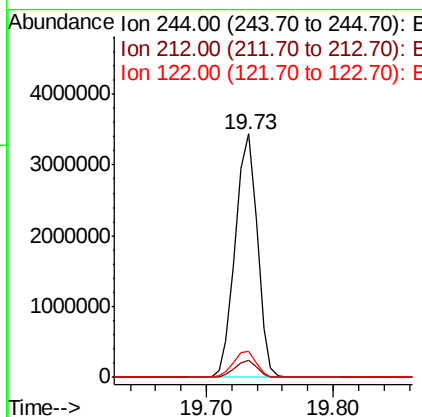
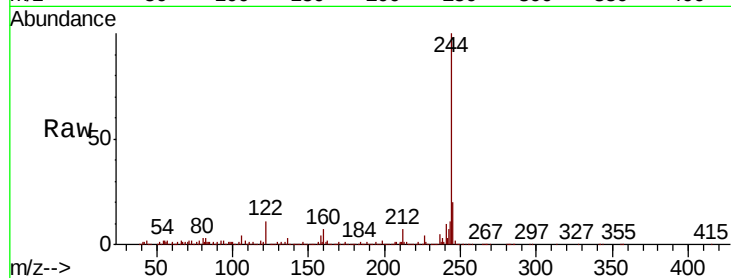




#79
 Terphenyl-d14
 Concen: 87.815 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018917.D
 Acq: 25 Feb 2019 17:24

Instrument :
 BNA_M
 ClientSampleId :
 TP-22

Tot Ion:244 Resp: 4121336
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 9.3 13.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM018917.D
 Acq: 25 Feb 2019 17:24

Tgt Ion:264 Resp: 954599
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.2 17.3 25.9

