

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
 Data File : BM018359.D
 Acq On : 21 Dec 2018 14:21
 Operator : JU/SJ
 Sample : J6389-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-0612-01

Quant Time: Dec 22 03:49:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

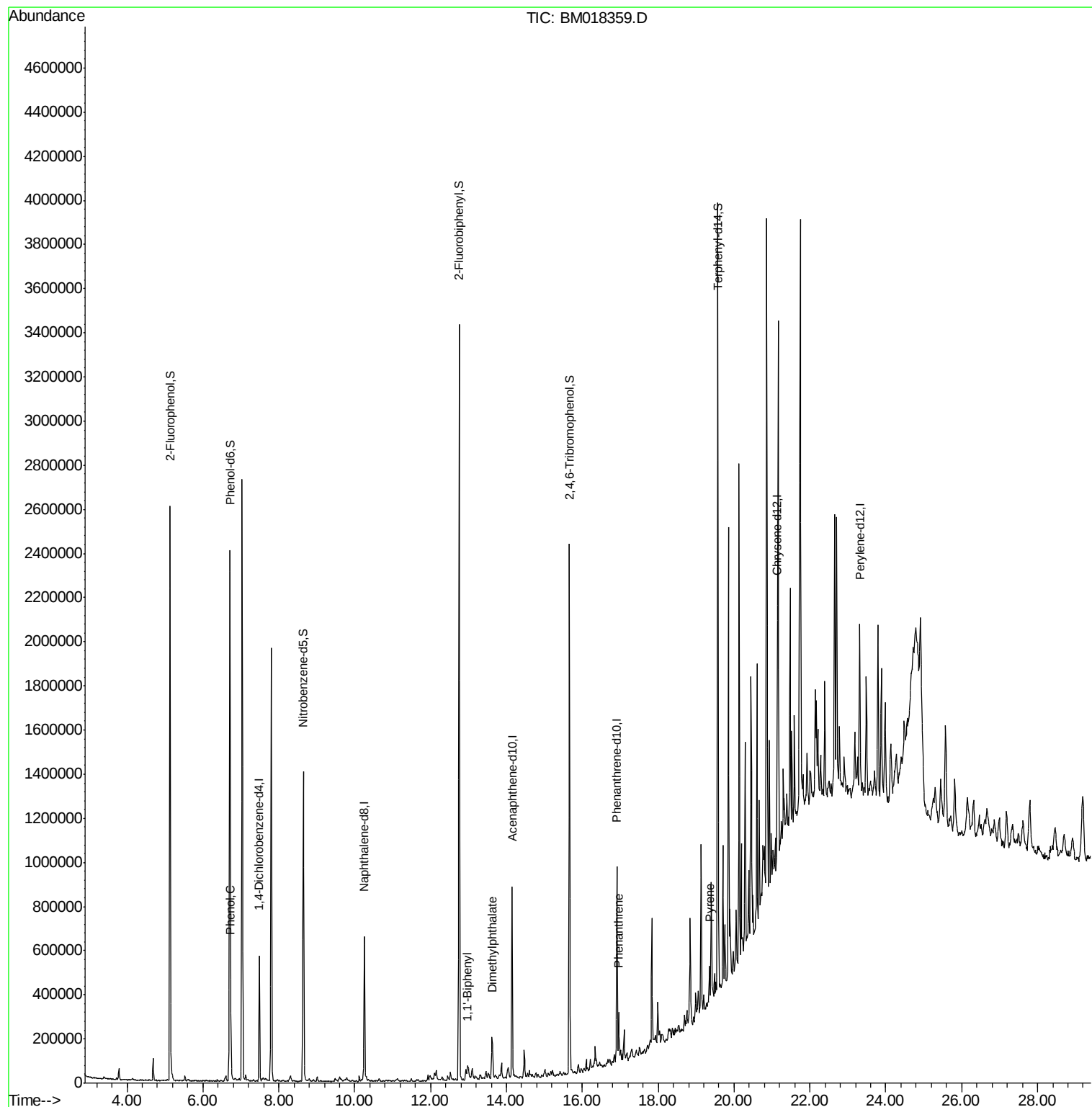
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134734	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	497076	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	263160	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	468262	20.00	ng	0.00
76) Chrysene-d12	21.14	240	447010	20.00	ng	0.00
87) Perylene-d12	23.31	264	486910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	965171	119.67	ng	0.00
7) Phenol-d6	6.71	99	1286528	114.76	ng	0.00
23) Nitrobenzene-d5	8.65	82	845656	87.26	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	364720	94.43	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1613572	79.42	ng	-0.02
79) Terphenyl-d14	19.57	244	1465839	74.16	ng	0.00
Target Compounds						
10) Phenol	6.73	94	107912	9.089	ng	90
46) 1,1'-Biphenyl	12.97	154	53397	2.255	ng	90
50) Dimethylphthalate	13.62	163	99319	4.540	ng	97
71) Phenanthrene	16.96	178	106788	4.198	ng	98
78) Pyrene	19.36	202	89143	3.347	ng	97

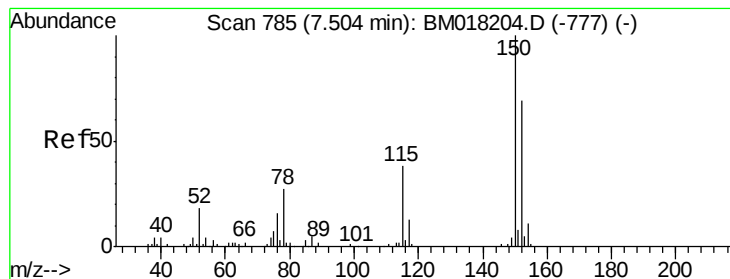
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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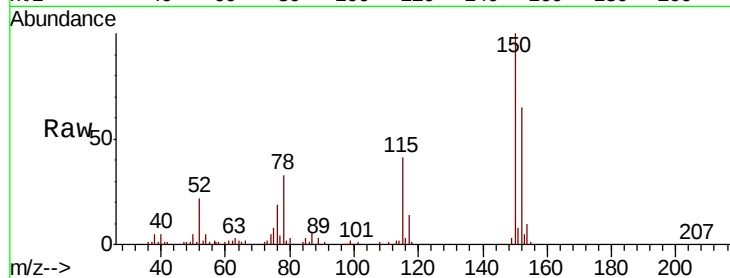


#1

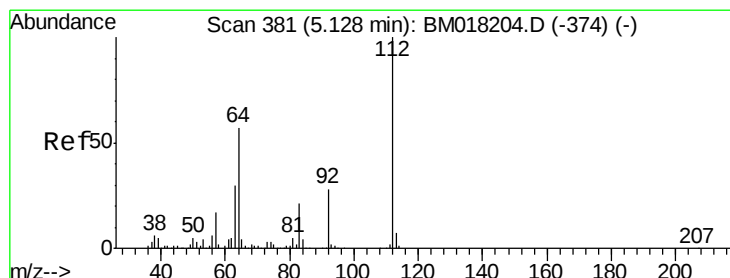
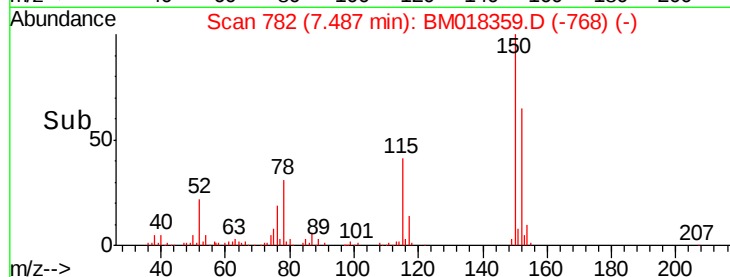
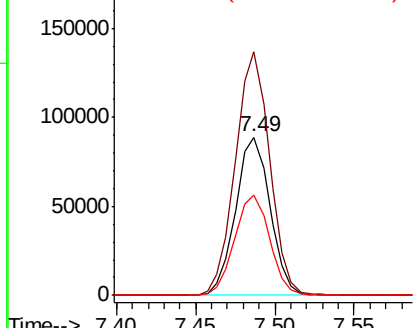
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:152 Resp: 134734
Ion Ratio Lower Upper
152 100
150 153.9 116.1 174.1
115 63.0 44.6 67.0



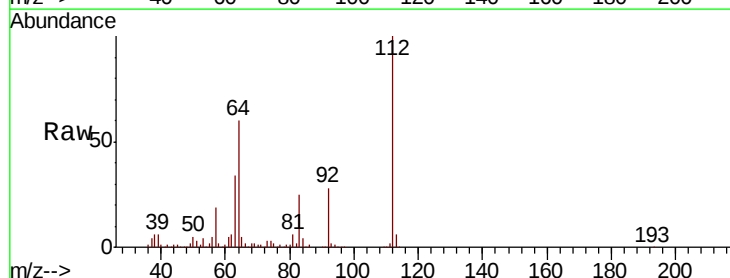
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



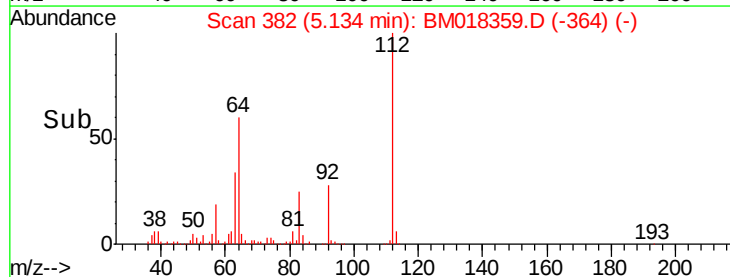
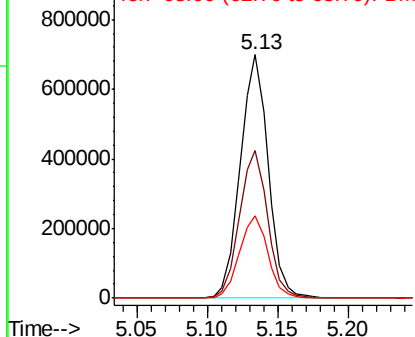
#5

2-Fluorophenol
Concen: 119.666 ng
RT: 5.13 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:112 Resp: 965171
Ion Ratio Lower Upper
112 100
64 60.5 45.4 68.2
63 33.7 24.0 36.0



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: 114.761 ng

RT: 6.71 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0612-01

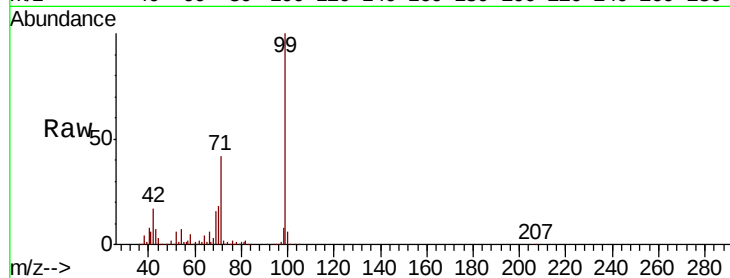
Tgt Ion: 99 Resp: 1286528

Ion Ratio Lower Upper

99 100

42 16.6 12.3 18.5

71 42.2 30.2 45.2

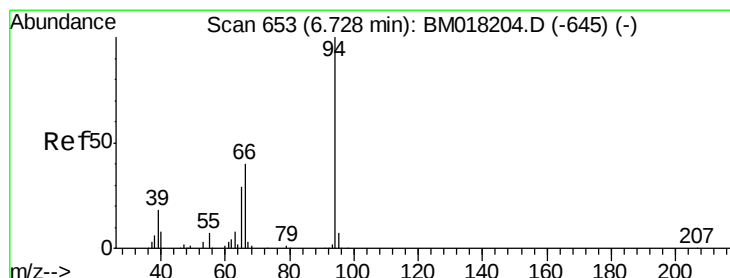
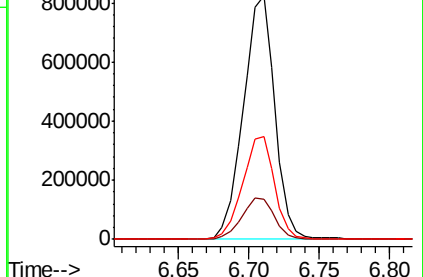
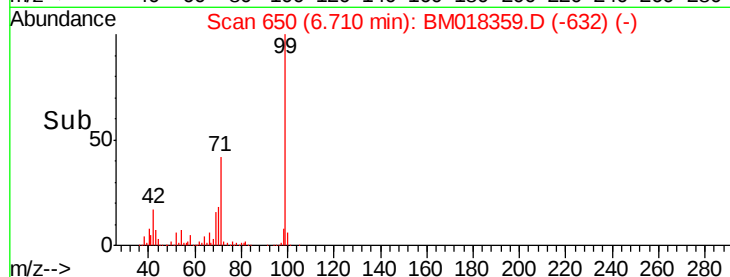


Abundance Ion 99.00 (98.70 to 99.70): BM018359.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018359.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018359.D (-632) (-)

Time-->



#10

Phenol

Concen: 9.089 ng

RT: 6.73 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

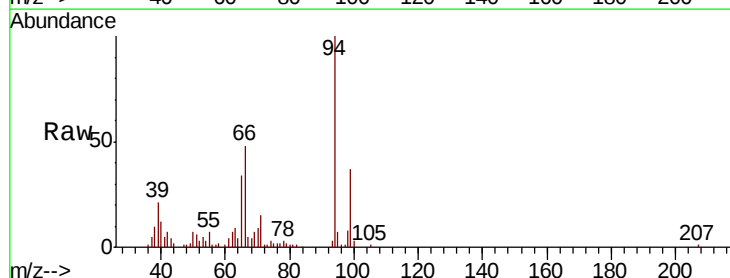
Tgt Ion: 94 Resp: 107912

Ion Ratio Lower Upper

94 100

65 34.2 9.5 49.5

66 48.2 21.3 61.3

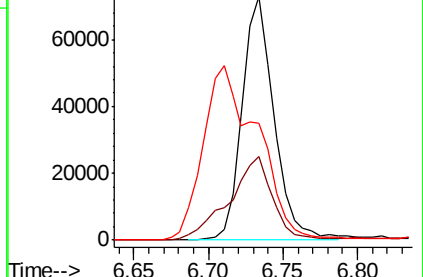
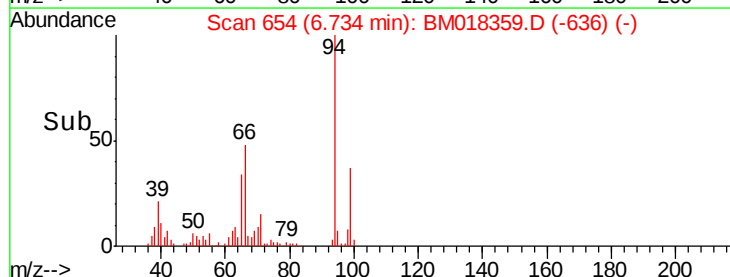


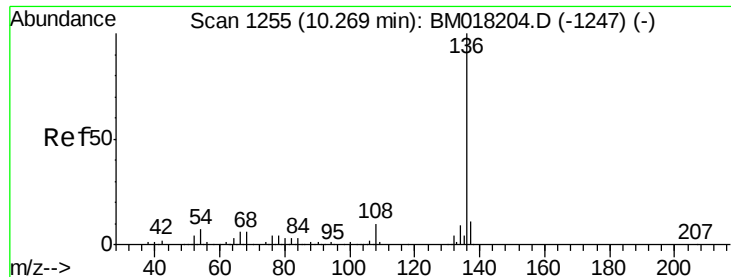
Abundance Ion 94.00 (93.70 to 94.70): BM018359.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018359.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018359.D (-636) (-)

Time-->

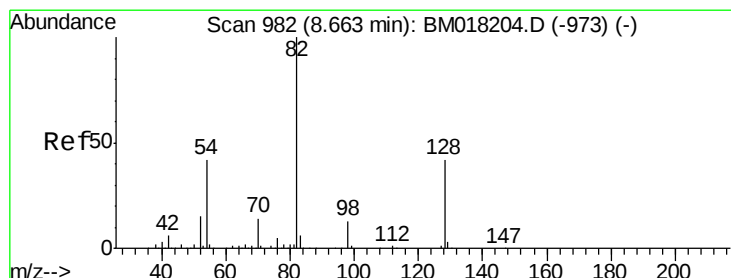
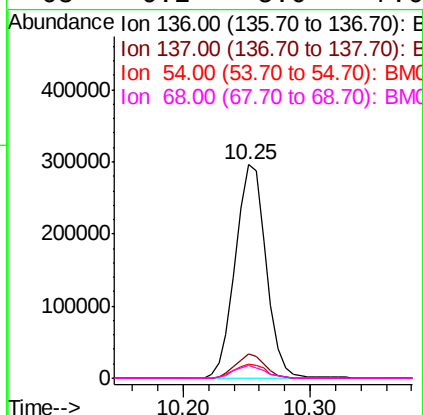
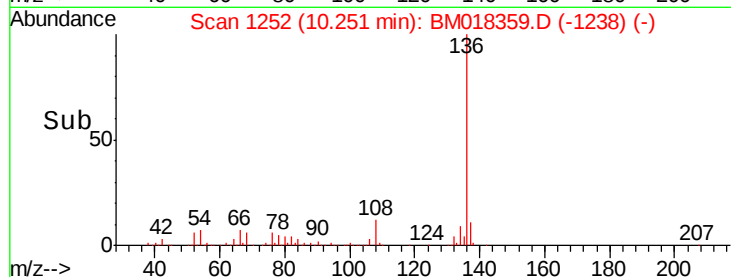
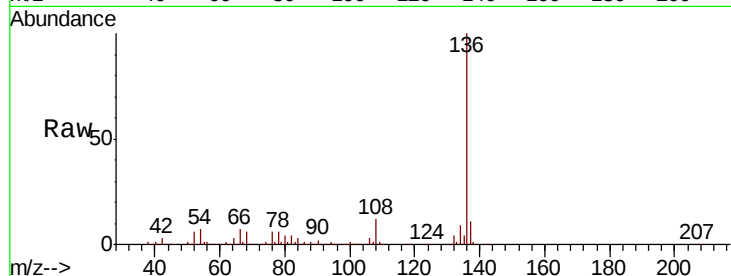




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

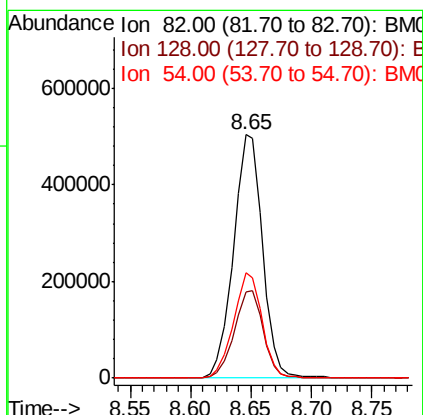
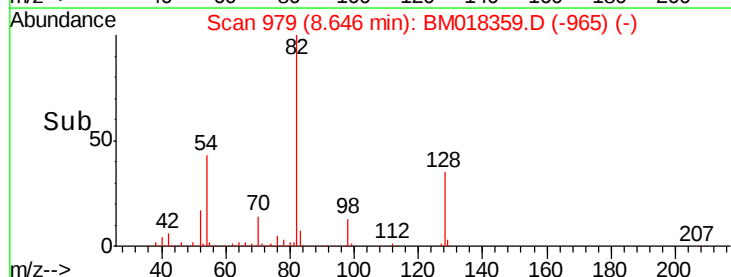
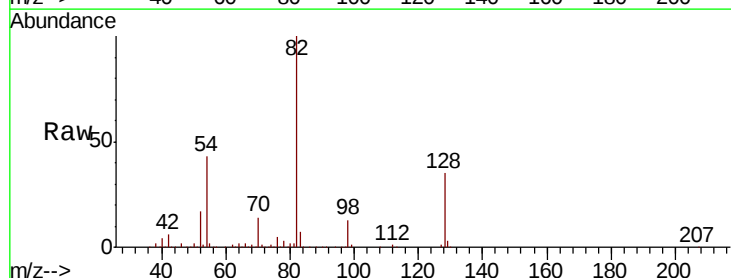
Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

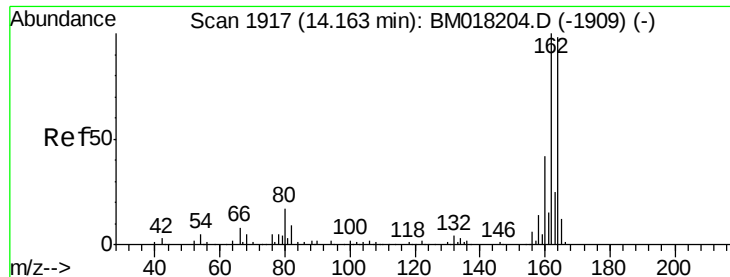
Tgt Ion:	136	Resp:	497076
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.8	5.2	7.8
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 87.264 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:	82	Resp:	845656
Ion	Ratio	Lower	Upper
82	100		
128	35.4	33.4	50.2
54	43.1	33.4	50.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0612-01

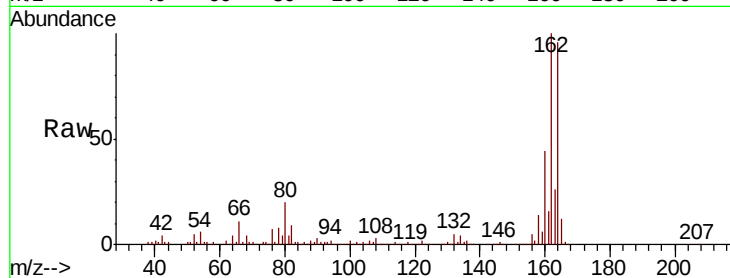
Tgt Ion:164 Resp: 263160

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.6

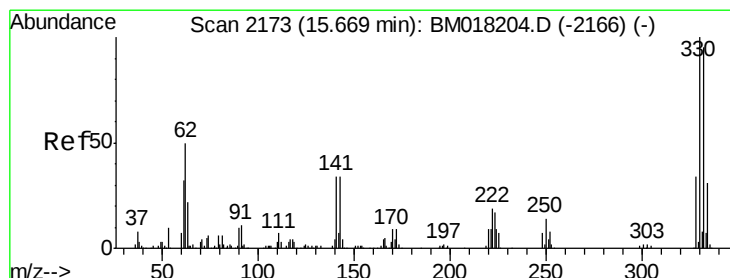
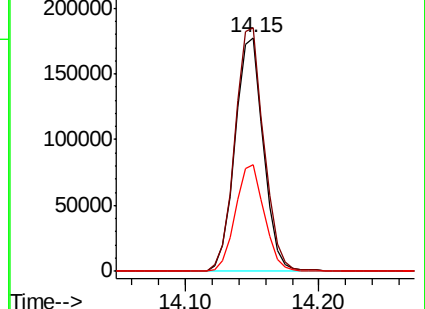
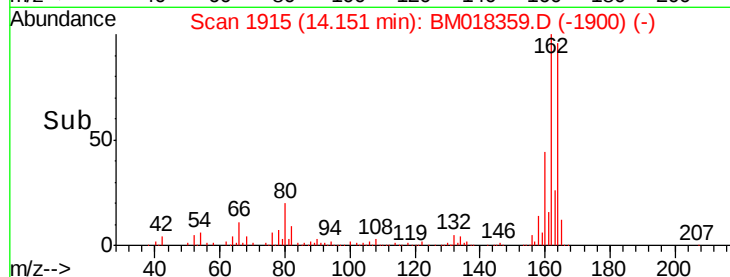
160 45.5 34.6 51.8



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: 94.427 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

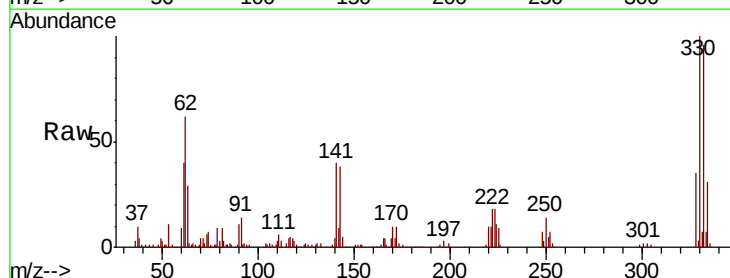
Tgt Ion:330 Resp: 364720

Ion Ratio Lower Upper

330 100

332 97.0 78.6 118.0

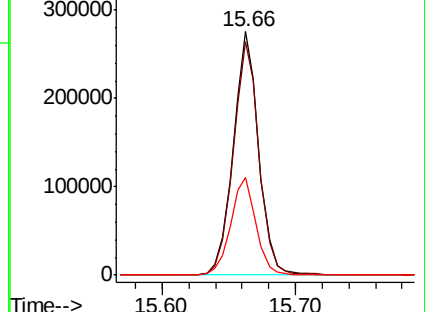
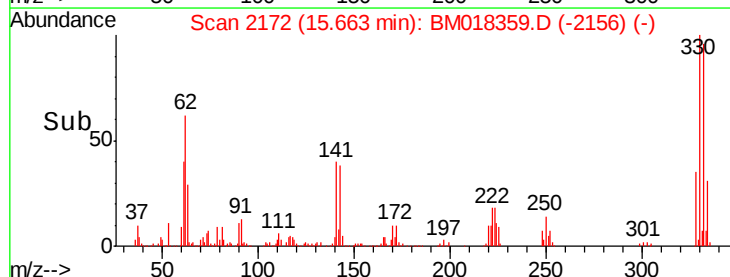
141 40.7 27.1 40.7#

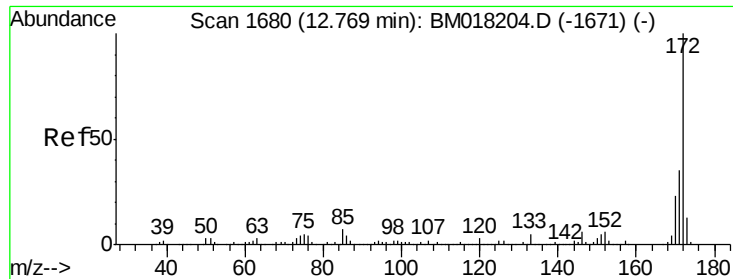


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

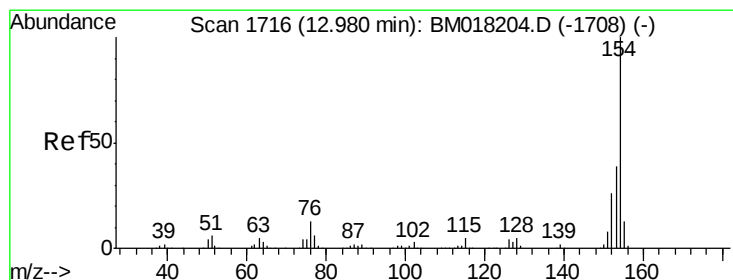
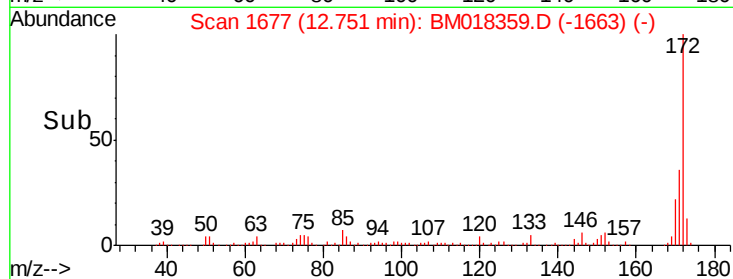
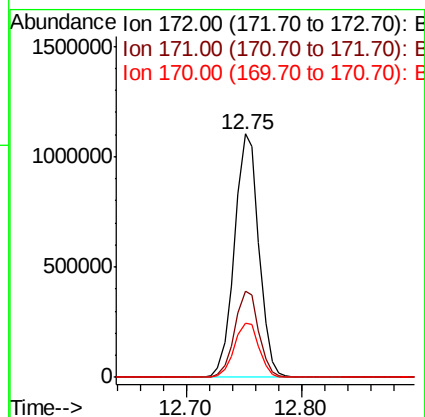
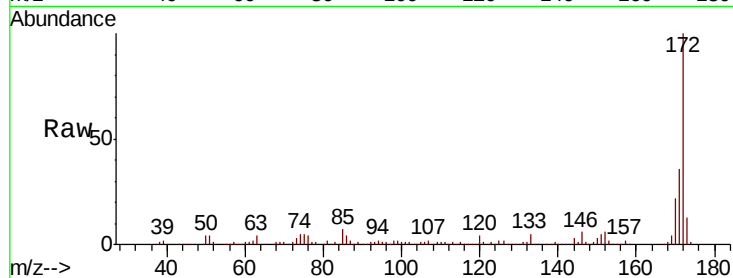




#45
 2-Fluorobiphenyl
 Concen: 79.418 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

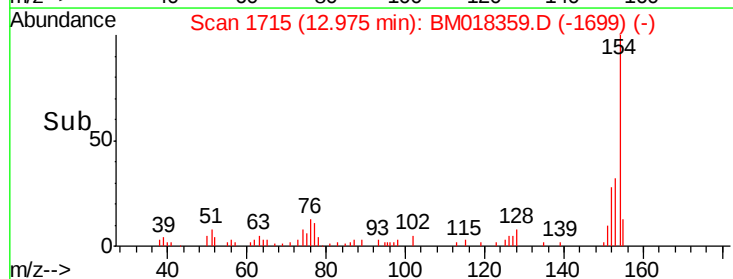
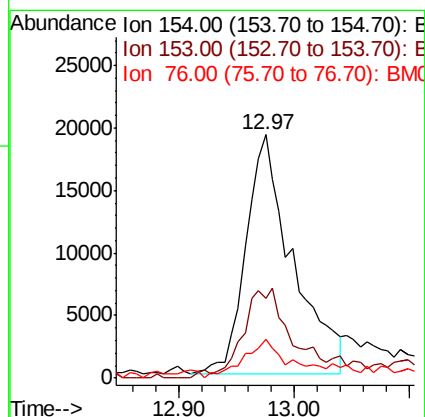
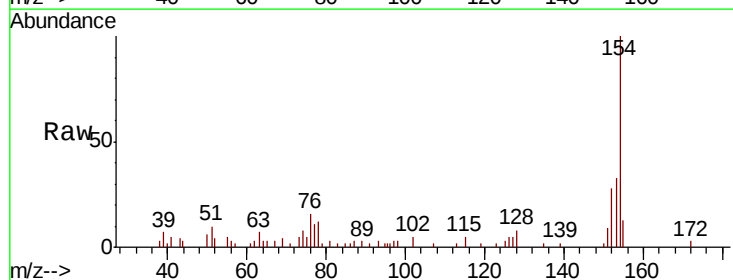
Instrument :
 BNA_M
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 P001-SS014-0612-01

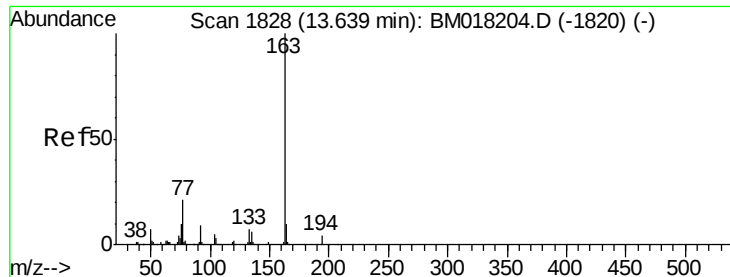
Tgt Ion:172 Resp: 1613572
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 22.4 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 2.255 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

Tgt Ion:154 Resp: 53397
 Ion Ratio Lower Upper
 154 100
 153 33.0 19.5 59.5
 76 15.9 0.0 33.1





#50

Dimethylphthalate

Concen: 4.540 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

Instrument :

BNA_M

ClientSampleId :

P001-SS014-0612-01

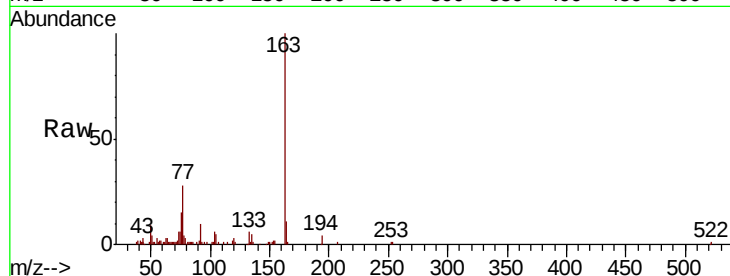
Tgt Ion:163 Resp: 99319

Ion Ratio Lower Upper

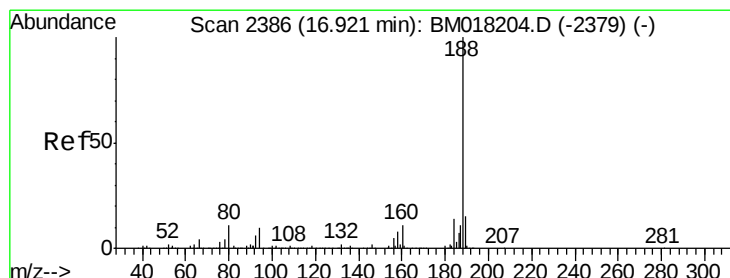
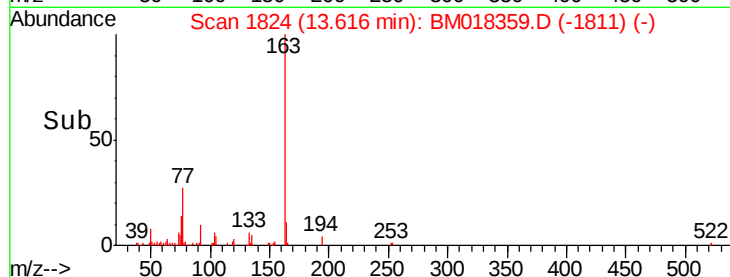
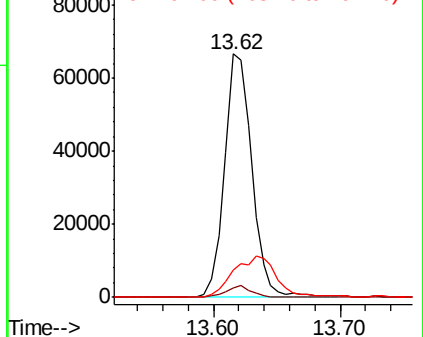
163 100

194 3.6 3.1 4.7

164 11.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018359.D

Acq: 21 Dec 2018 14:21

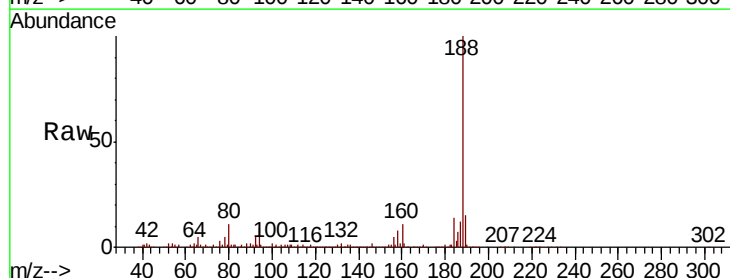
Tgt Ion:188 Resp: 468262

Ion Ratio Lower Upper

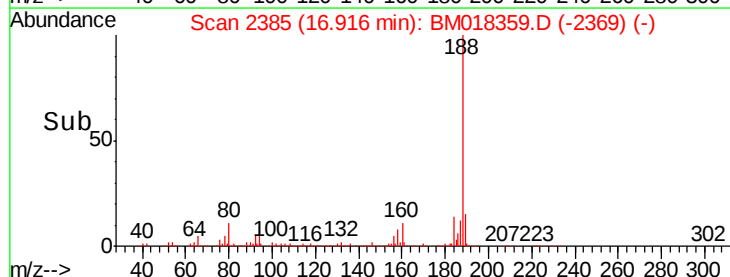
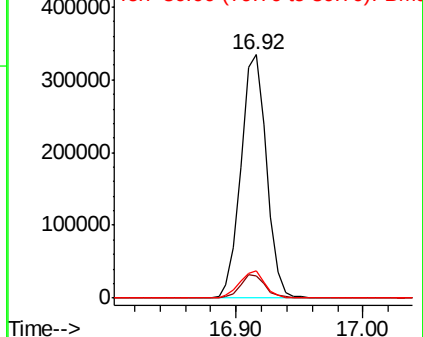
188 100

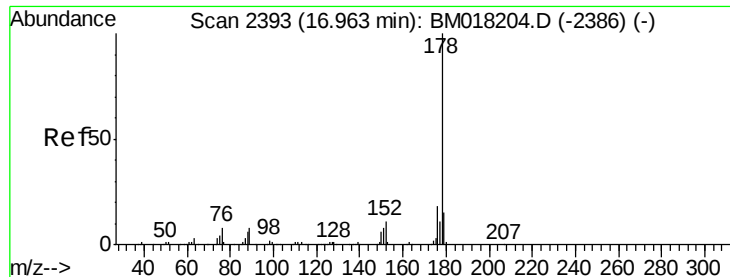
94 9.2 8.0 12.0

80 11.3 9.0 13.6



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

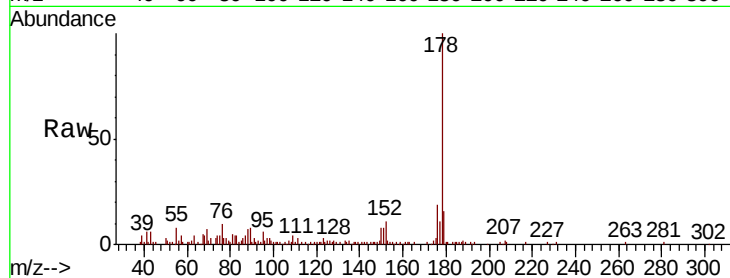




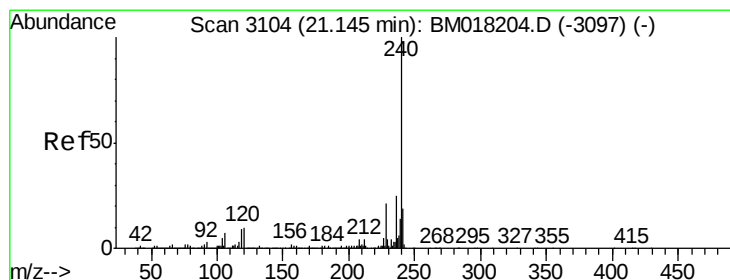
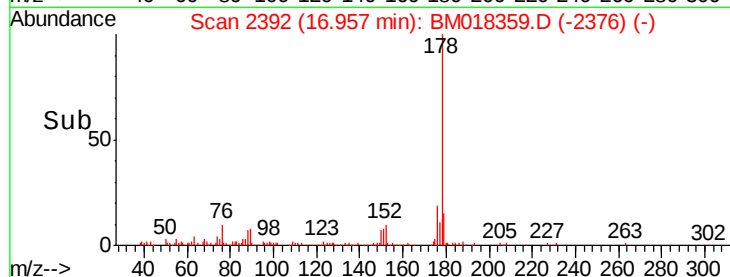
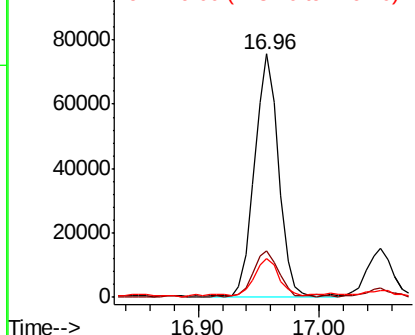
#71
Phenanthrene
Concen: 4.198 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion:178 Resp: 106788
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.9 12.0 18.0

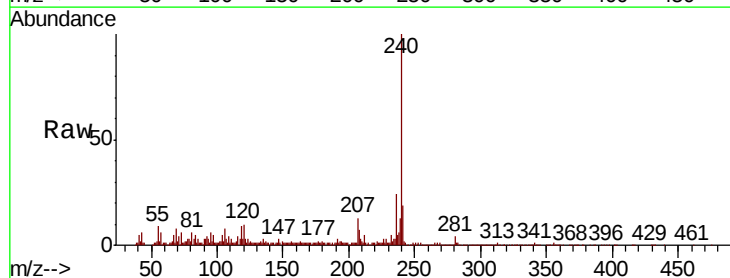


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

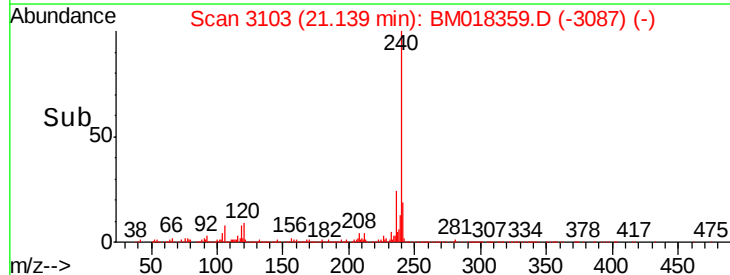
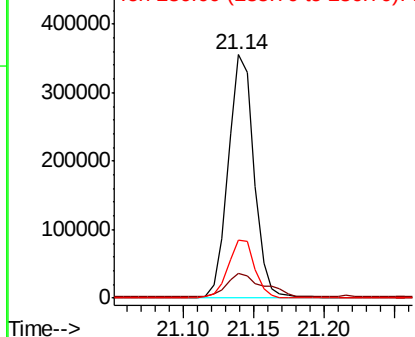


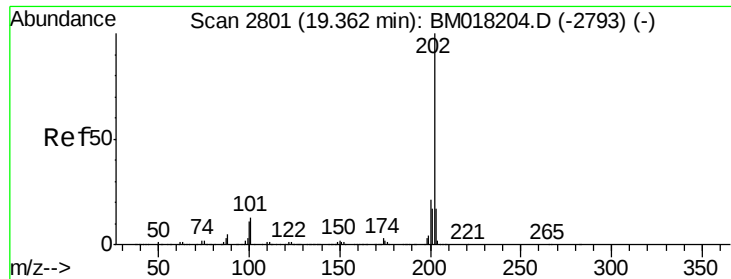
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Tgt Ion:240 Resp: 447010
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 24.1 20.3 30.5



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

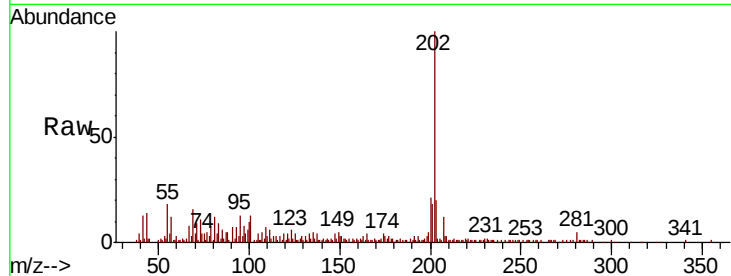




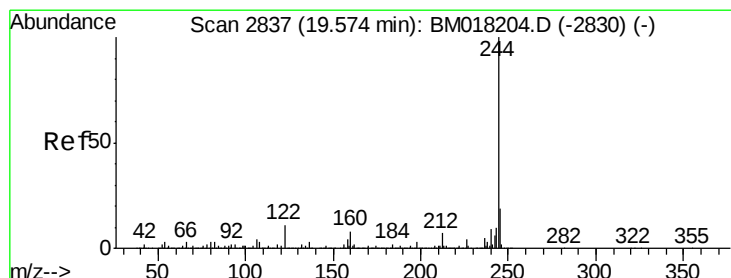
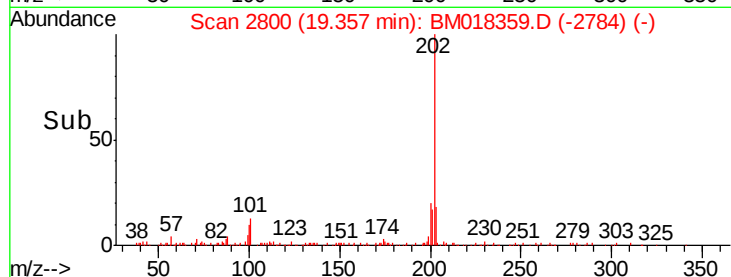
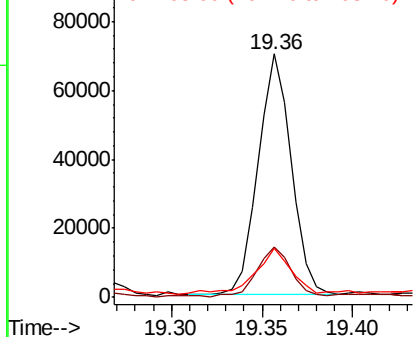
#78
 Pyrene
 Concen: 3.347 ng
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-0612-01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	20.1	14.0	21.0

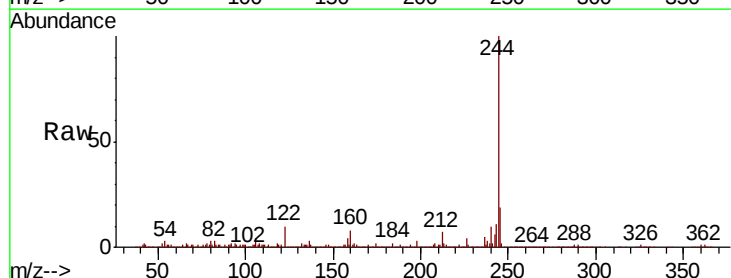


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

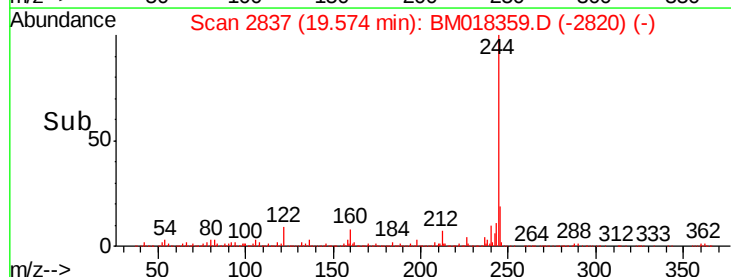
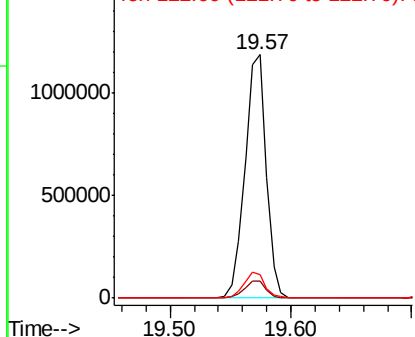


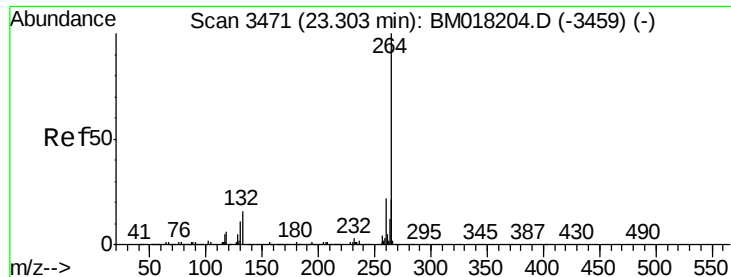
#79
 Terphenyl-d14
 Concen: 74.164 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.6	9.0	13.6



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

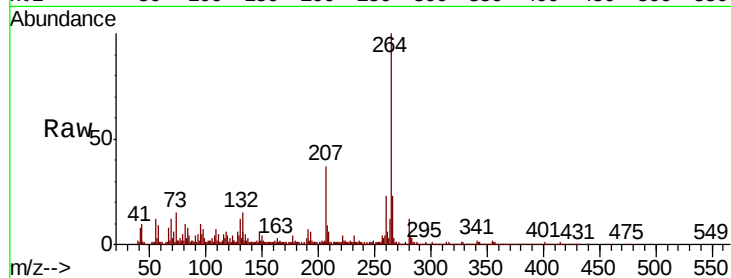




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.31 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	22.9	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

