

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

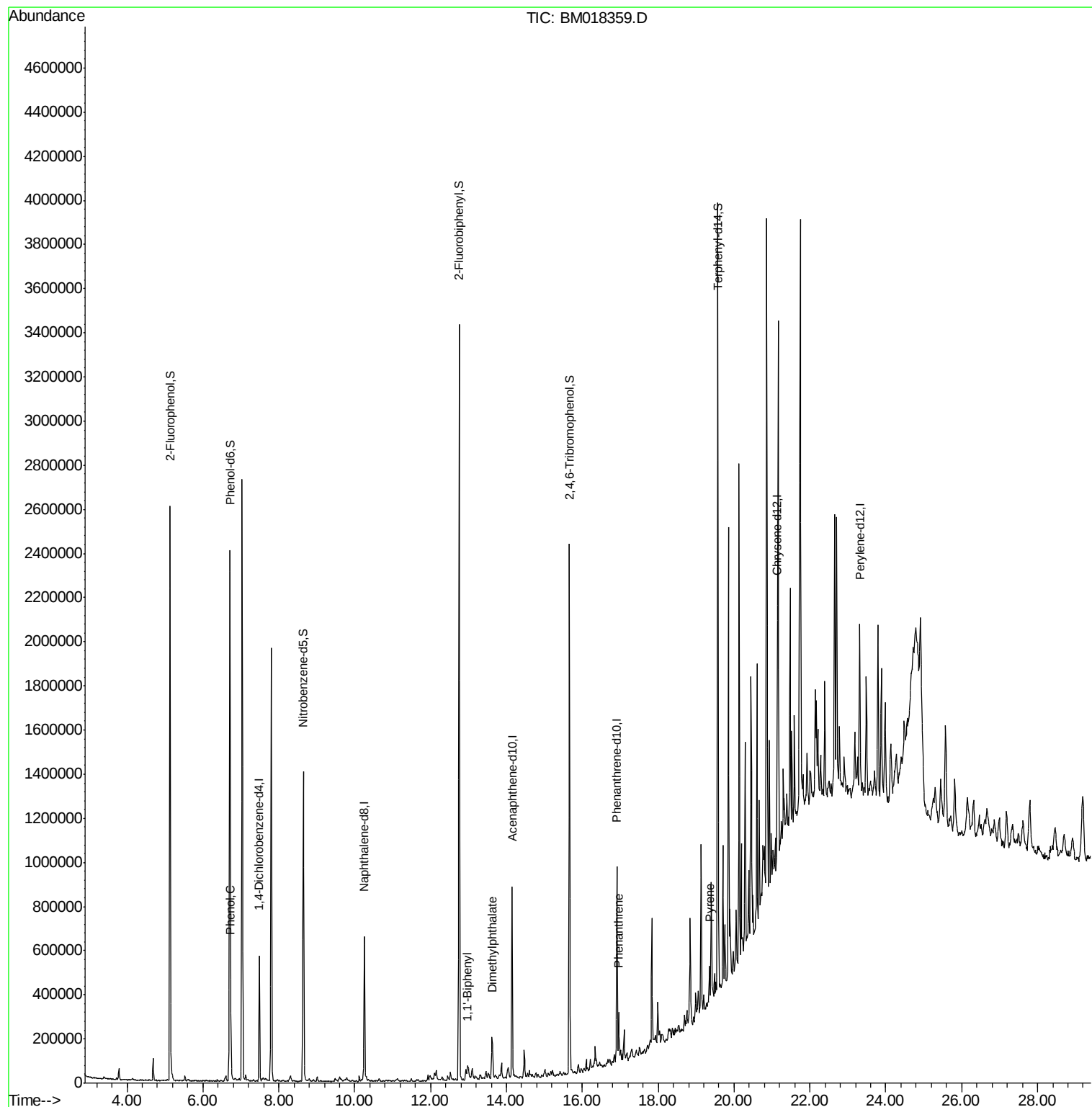
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	134734	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	497076	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	263160	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	468262	20.00	ng	0.00
76) Chrysene-d12	21.14	240	447010	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

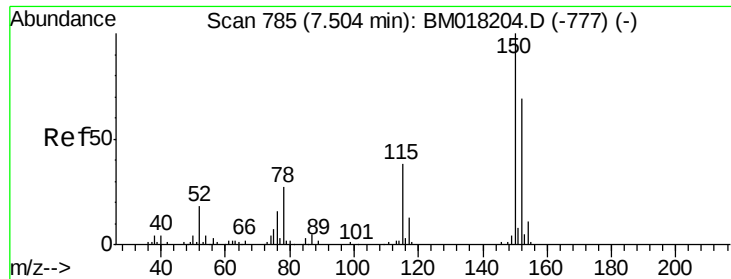
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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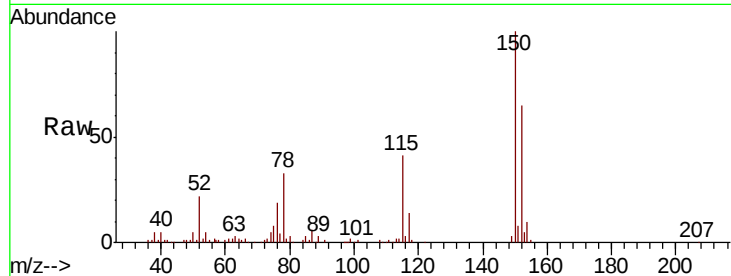


#1

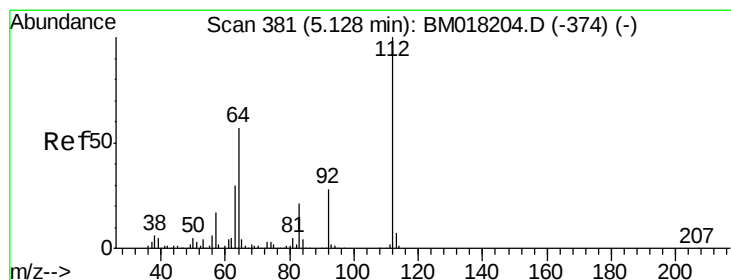
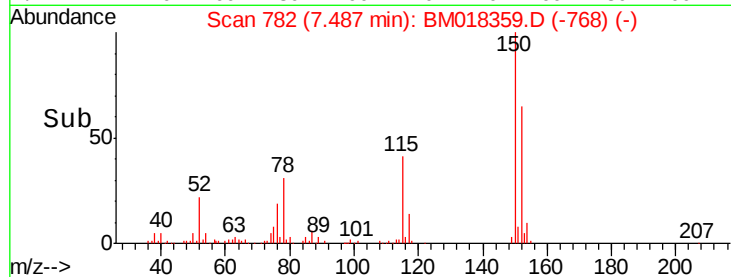
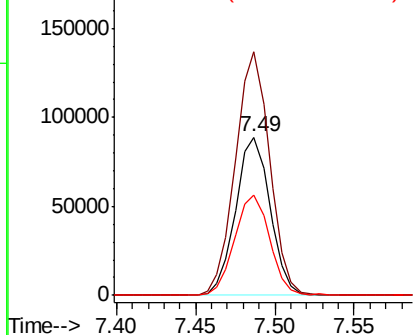
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

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

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



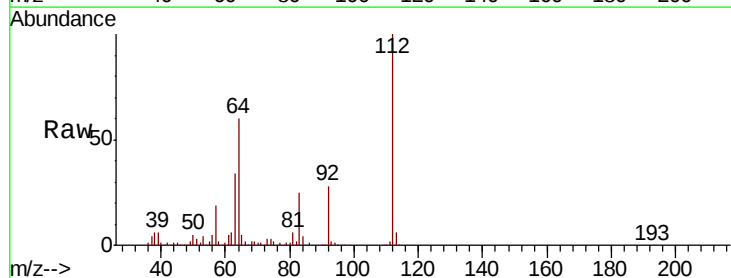
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



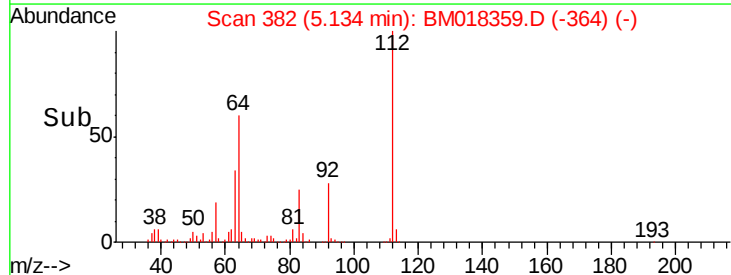
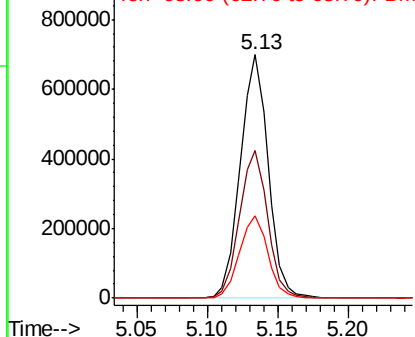
#5

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 :

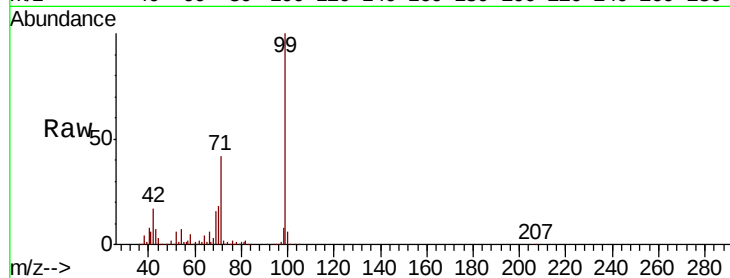
BNA_M

ClientSampleId :

P001-SS014-0612-01

Tot Ion: 99 Resp: 1286528

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.3	18.5
71	42.2	30.2	45.2

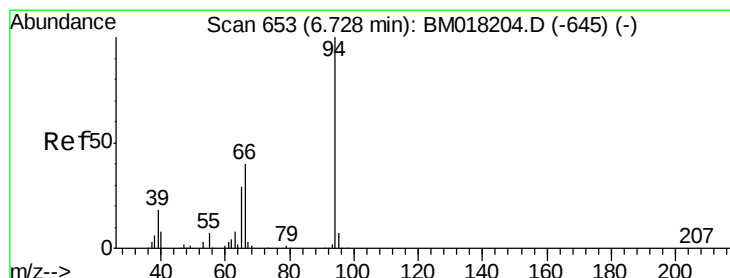
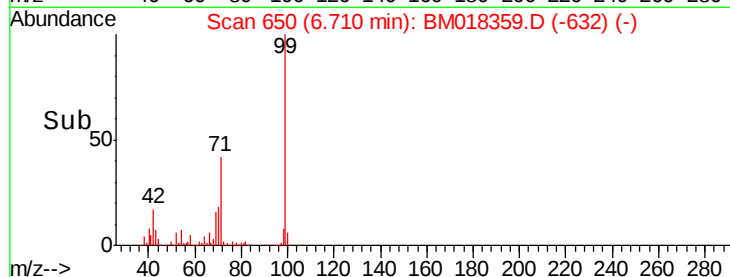
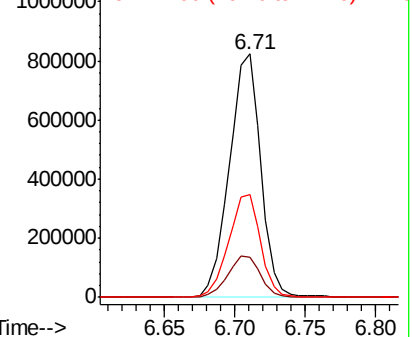


Abundance

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) (-)



#10

Phenol

Concen: 9.089 ng

RT: 6.73 min Scan# 654

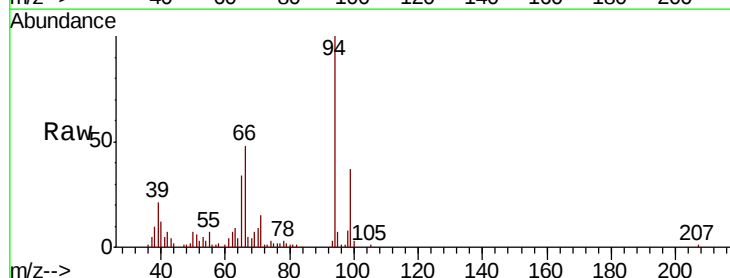
Delta R.T. 0.01 min

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

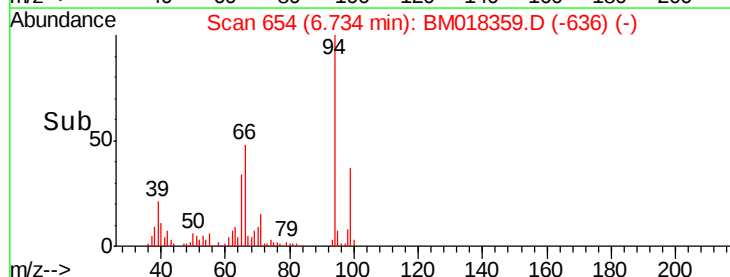
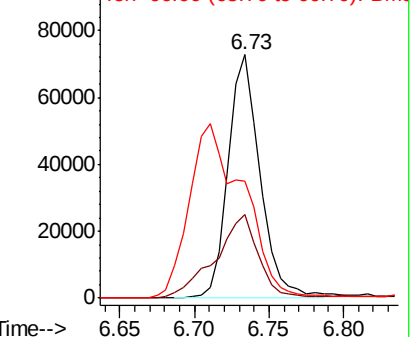


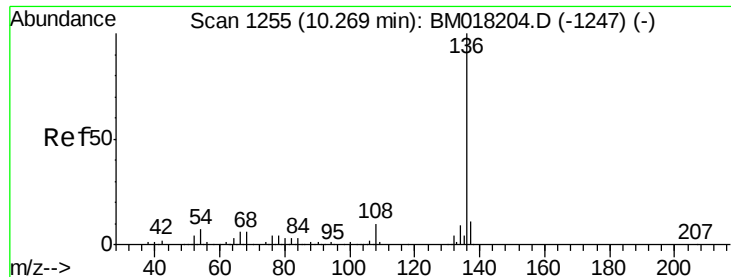
Abundance

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) (-)

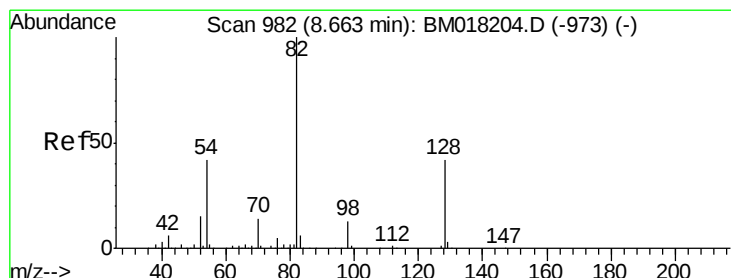
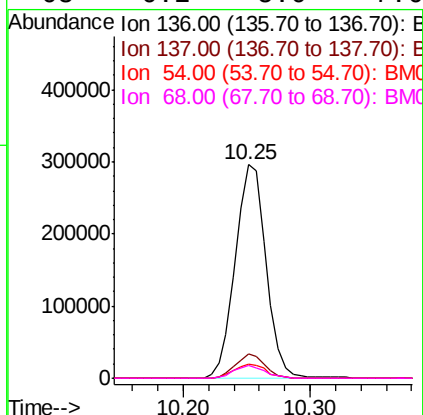
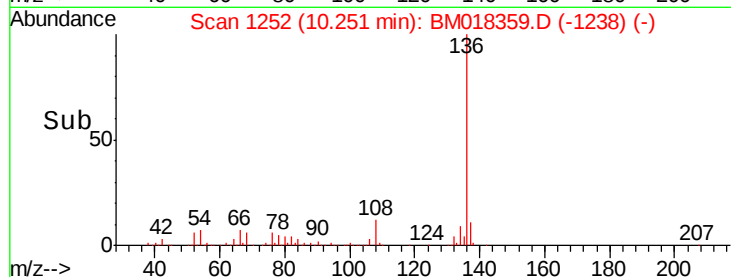
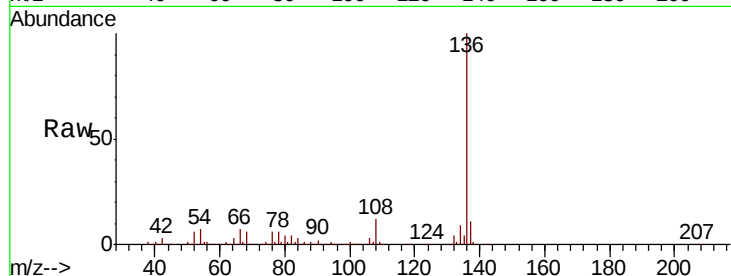




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

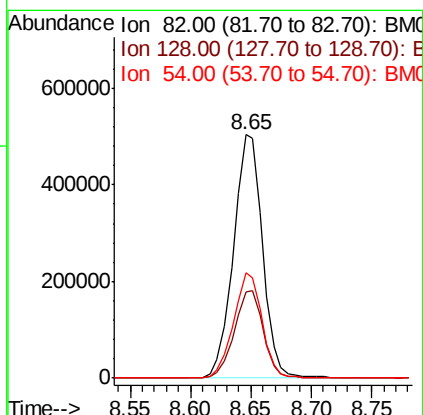
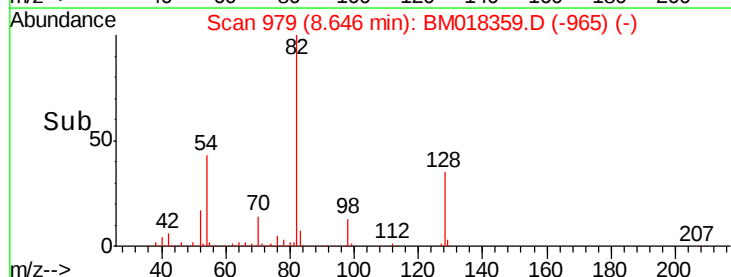
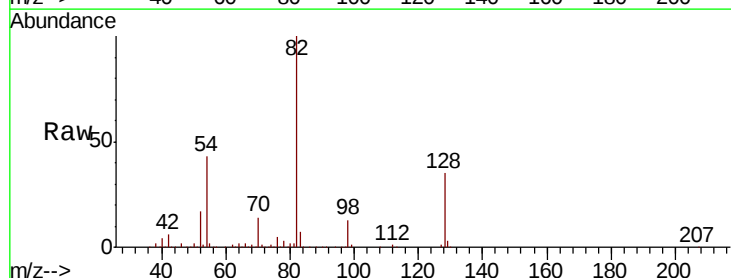
Instrument :
BNA_M
ClientSampleId :
P001-SS014-0612-01

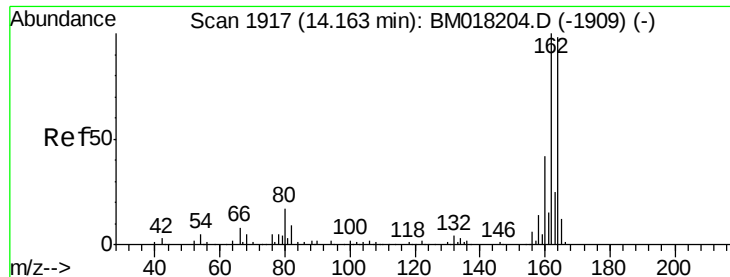
Tot Ion:136	Resp:	497076	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 6.8	5.2	7.8	
68 6.2	5.0	7.6	



#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

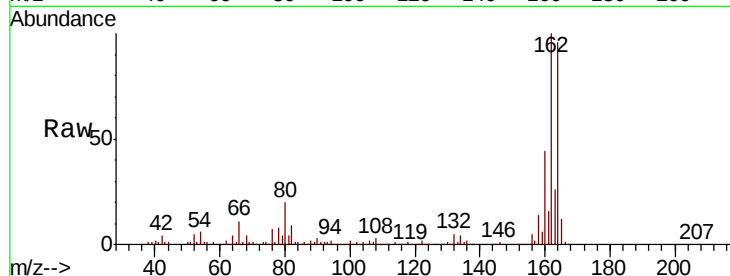
Tot Ion:164 Resp: 263160

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.6

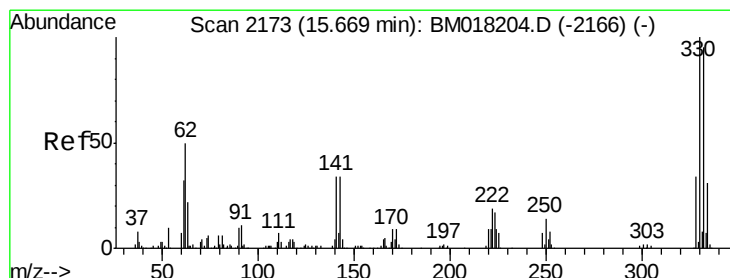
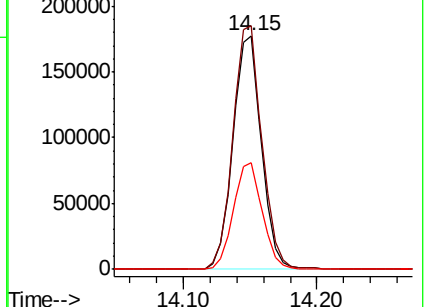
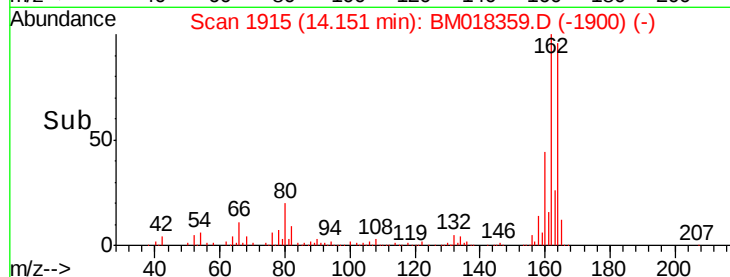
160 45.5 34.6 51.8



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

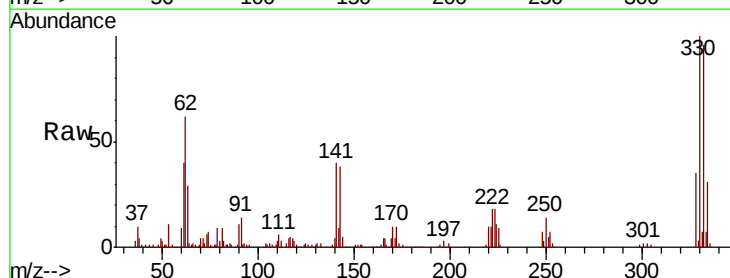
Tgt Ion:330 Resp: 364720

Ion Ratio Lower Upper

330 100

332 97.0 78.6 118.0

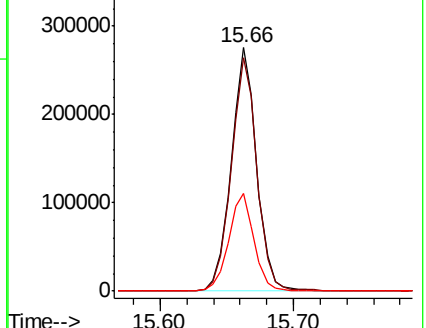
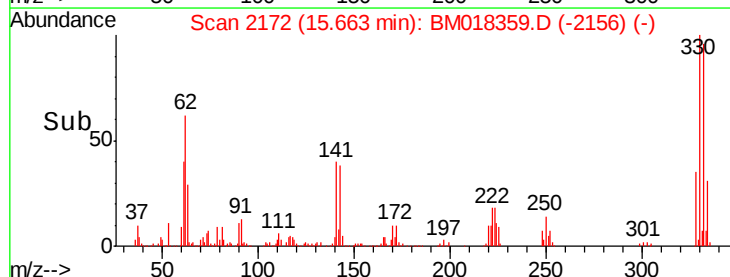
141 40.7 27.1 40.7#

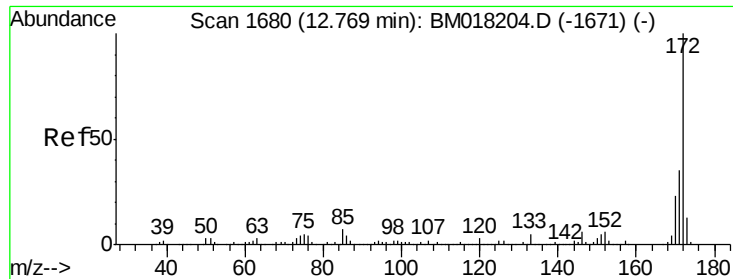


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



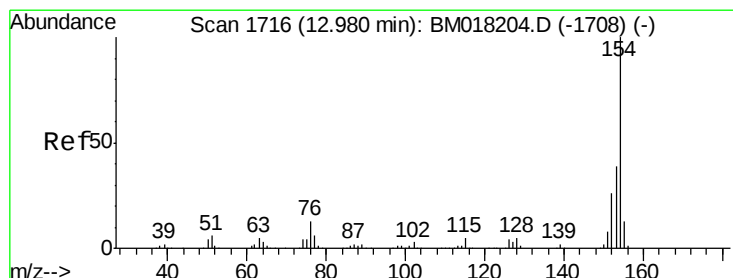
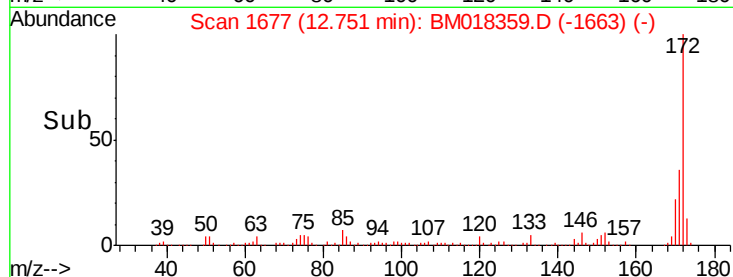
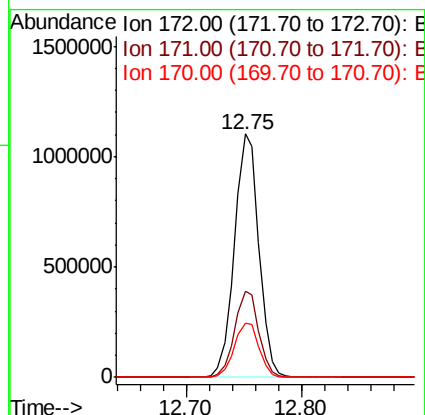
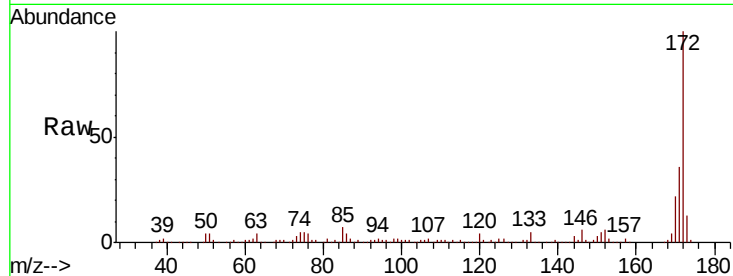


#45
 2-Fluorobiphenyl
 Concen: 79.418 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

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

Tot Ion:172 Resp: 1613572

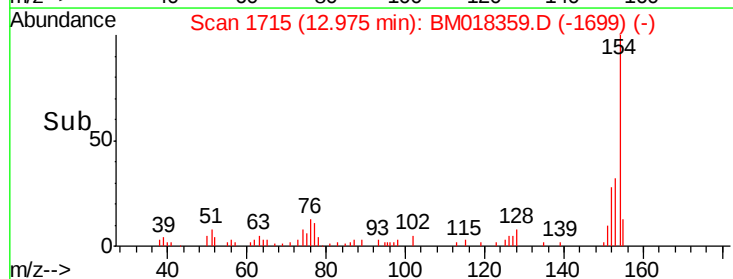
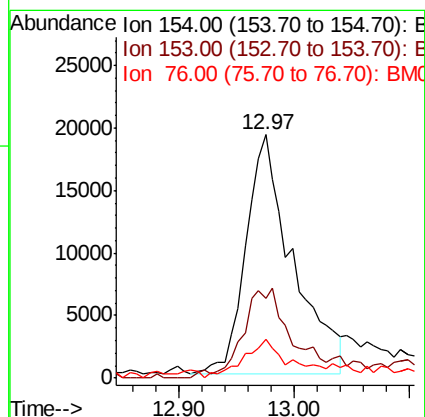
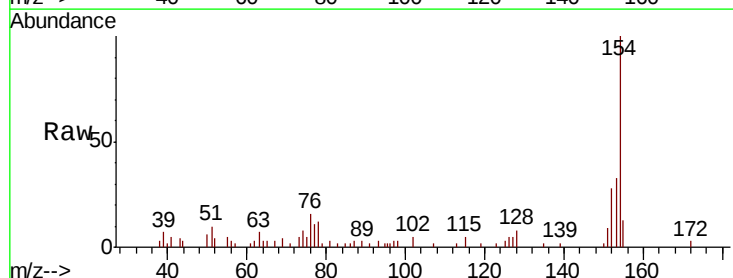
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	22.4	18.1	27.1

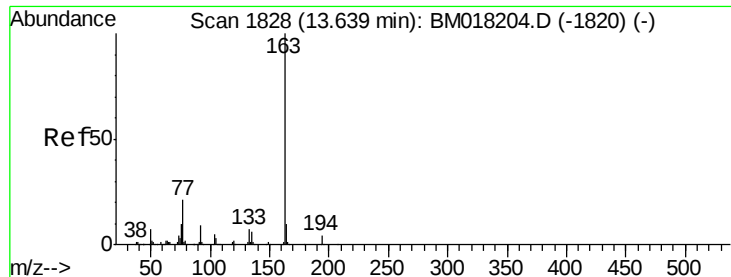


#46
 1,1'-Biphenyl
 Concen: 2.255 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

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

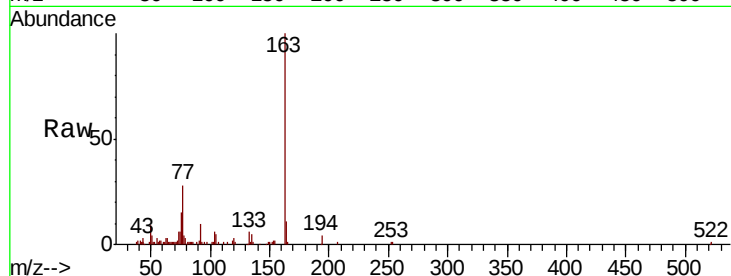
Tot Ion:163 Resp: 99319

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

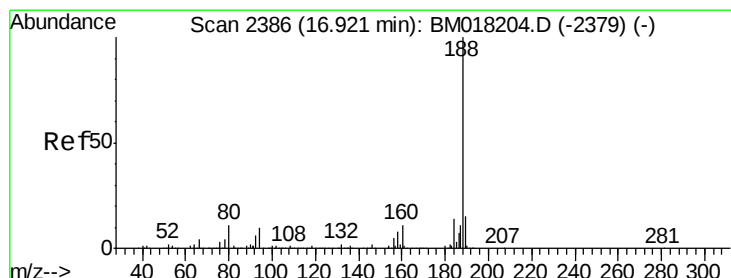
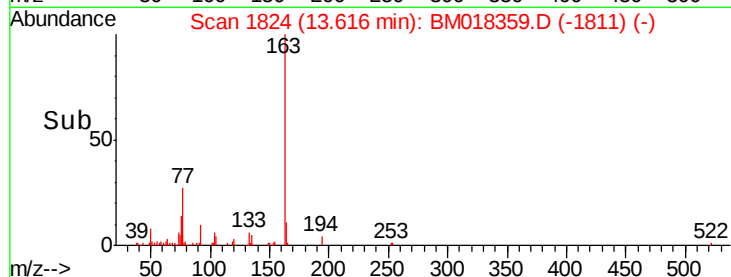
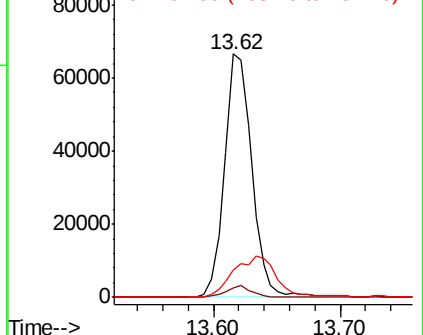
164 11.4 7.9 11.9



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

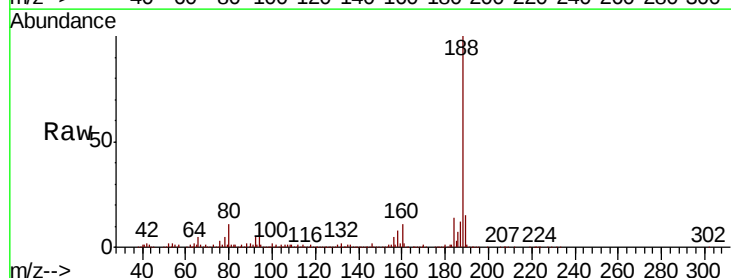
Tgt Ion:188 Resp: 468262

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

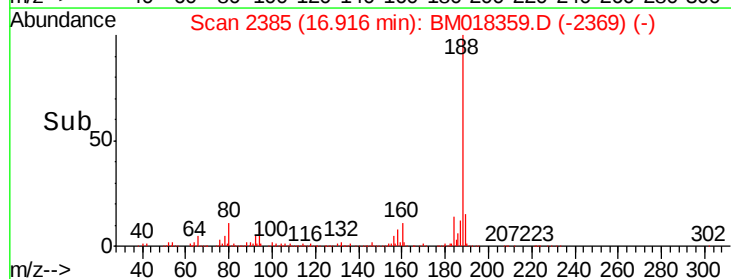
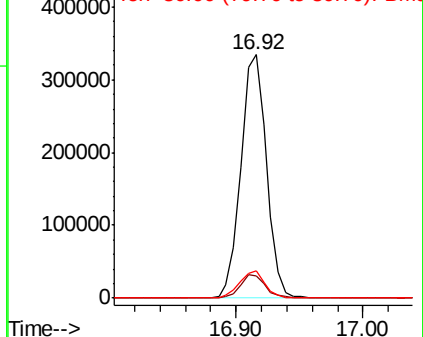
80 11.3 9.0 13.6

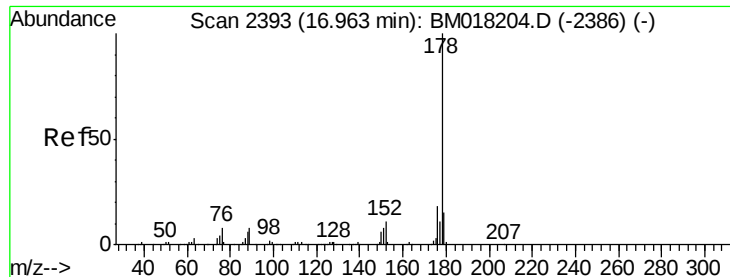


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

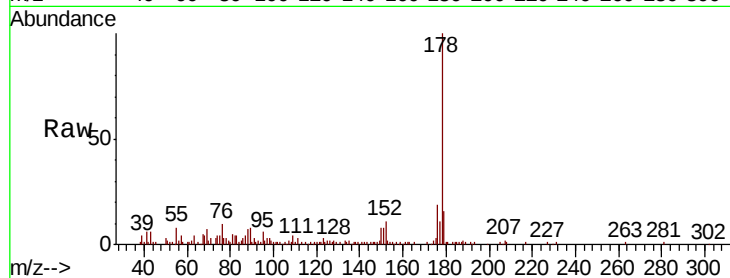




#71
Phenanthrene
Concen: 4.198 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	15.9	12.0	18.0

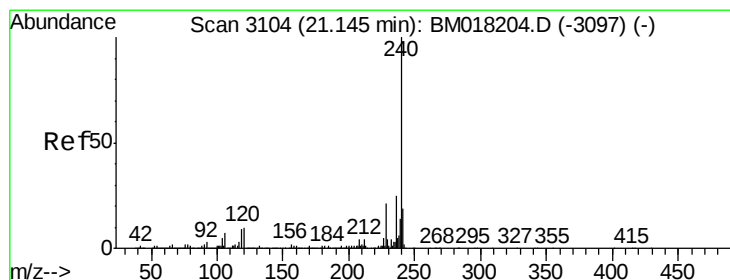
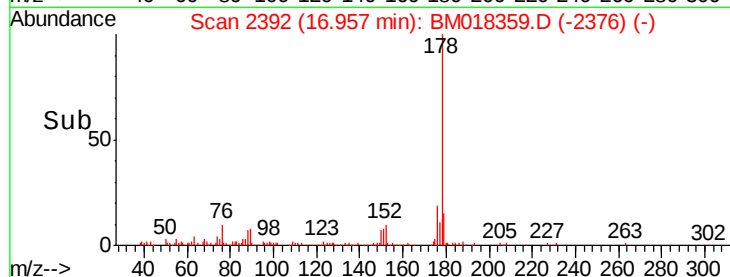
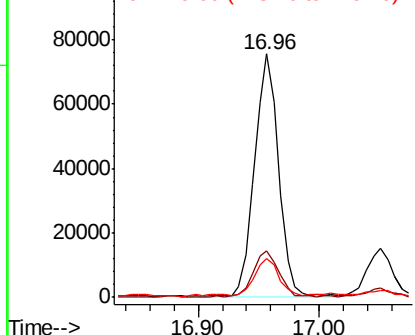


Abundance

Ion 178.00 (177.70 to 178.70): E

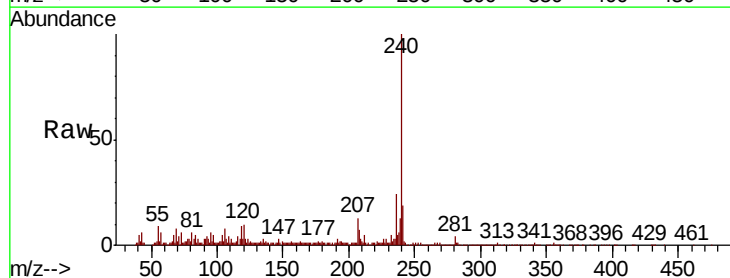
Ion 176.00 (175.70 to 176.70): E

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	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	24.1	20.3	30.5

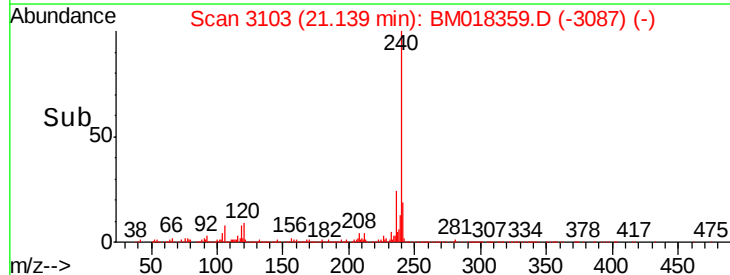
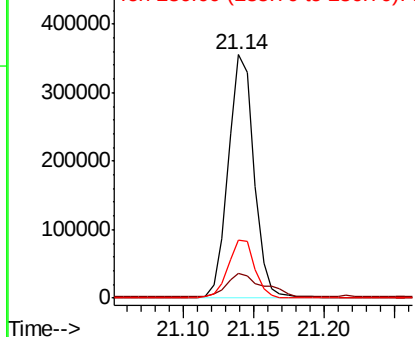


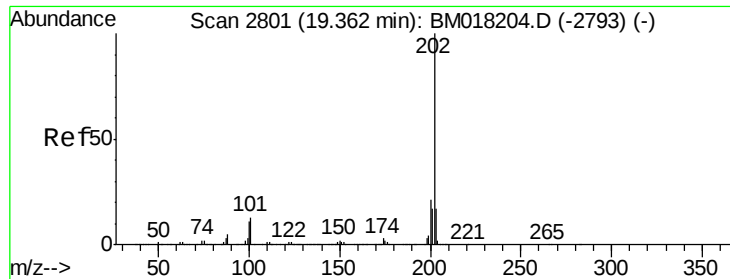
Abundance

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

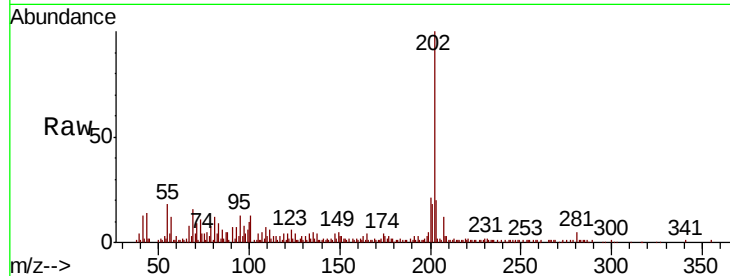




#78
Pvrene
Concen: 3.347 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018359.D
Acq: 21 Dec 2018 14:21

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

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

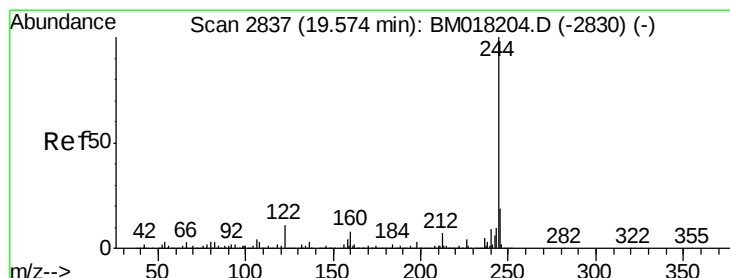
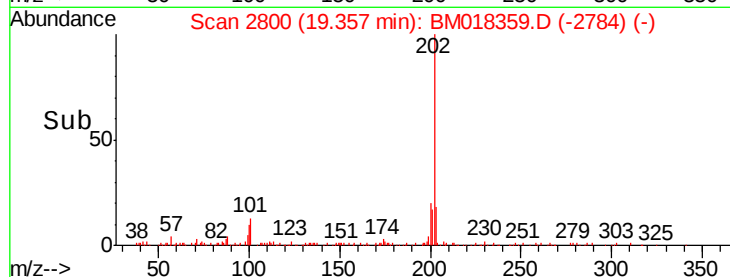
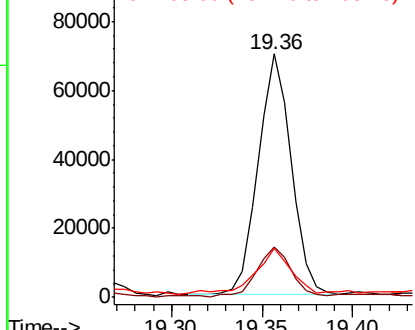


Abundance

Ion 202.00 (201.70 to 202.70): E

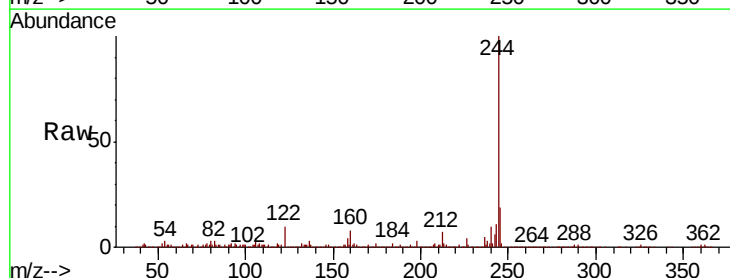
Ion 200.00 (199.70 to 200.70): E

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

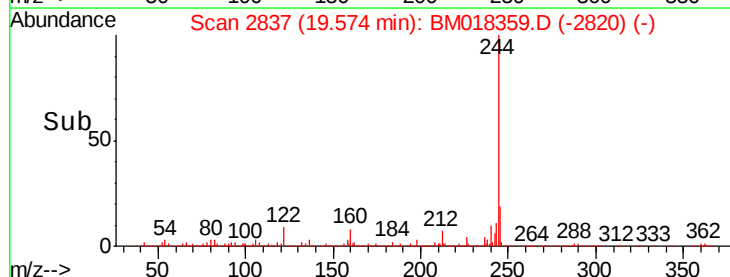
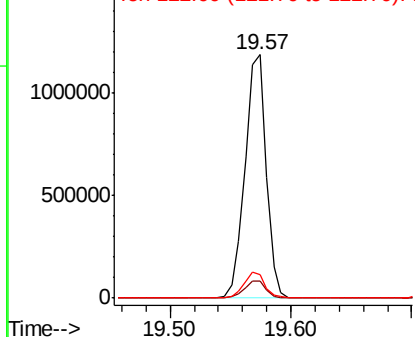


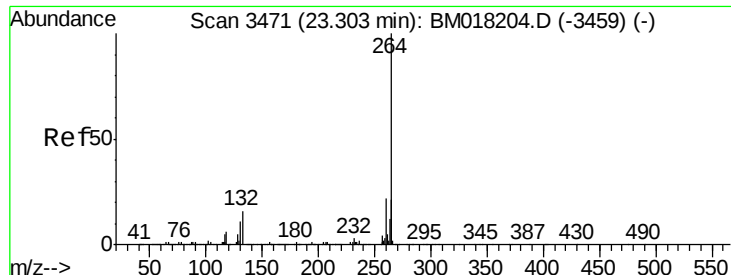
Abundance

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

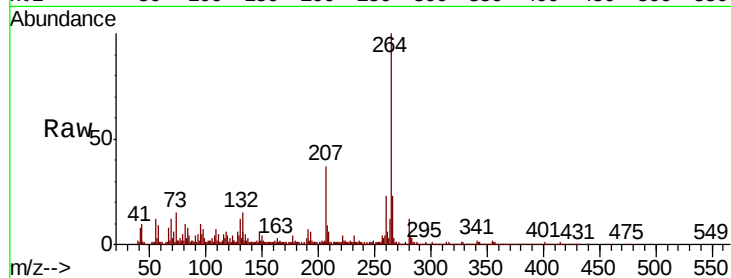




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3472
 Delta R.T. 0.01 min
 Lab File: BM018359.D
 Acq: 21 Dec 2018 14:21

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

Tot 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

