

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018309.D
 Acq On : 19 Dec 2018 22:48
 Operator : JU/SJ
 Sample : J6378-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS002-0006-01

Quant Time: Dec 20 01:09:06 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

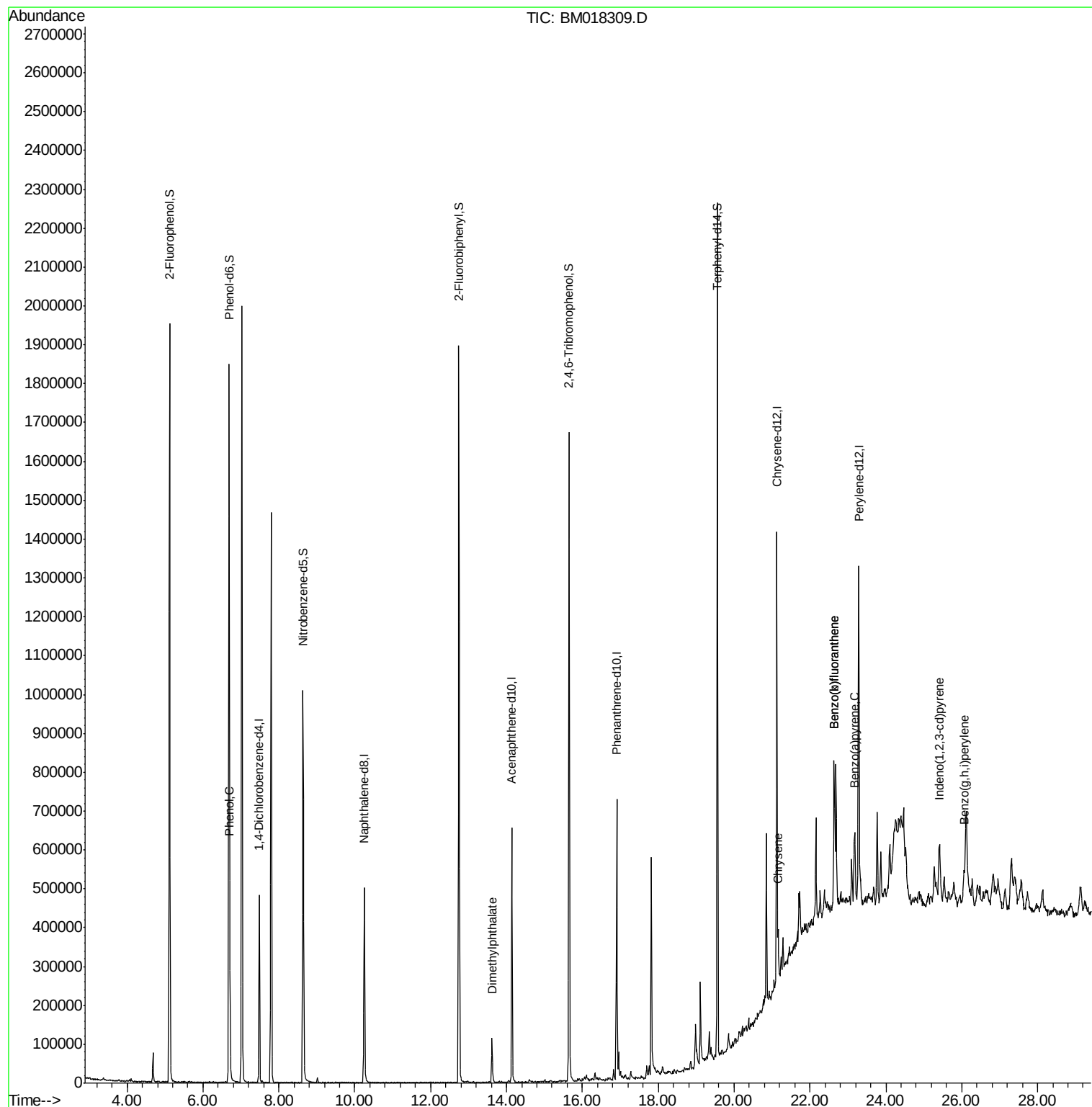
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	118079	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	427237	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	205012	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	412103	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	491795	20.00	ng	-0.02
87) Perylene-d12	23.29	264	584190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	776600	109.87	ng	0.00
7) Phenol-d6	6.69	99	1000635	101.85	ng	-0.02
23) Nitrobenzene-d5	8.64	82	642925	77.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	284551	94.57	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	954540	60.31	ng	-0.02
79) Terphenyl-d14	19.56	244	960666	44.18	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.71	94	63734	6.125	ng	83
50) Dimethylphthalate	13.62	163	79952	4.691	ng	99
83) Chrysene	21.16	228	62902	2.276	ng	96
86) Indeno(1,2,3-cd)pyrene	25.40	276	99534	3.616	ng	# 94
88) Benzo(b)fluoranthene	22.65	252	161736	4.929	ng	95
89) Benzo(k)fluoranthene	22.65	252	160789	4.920	ng	93
90) Benzo(a)pyrene	23.19	252	95320	3.054	ng	95
92) Benzo(g,h,i)perylene	26.06	276	96397	3.527	ng	93

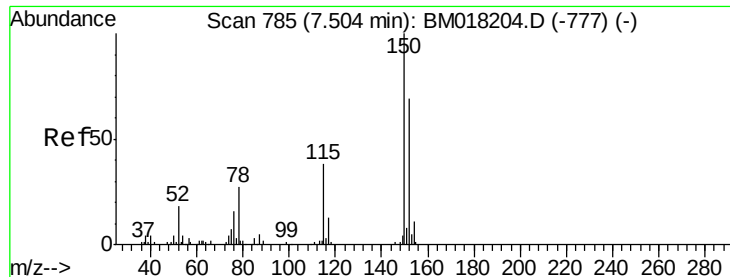
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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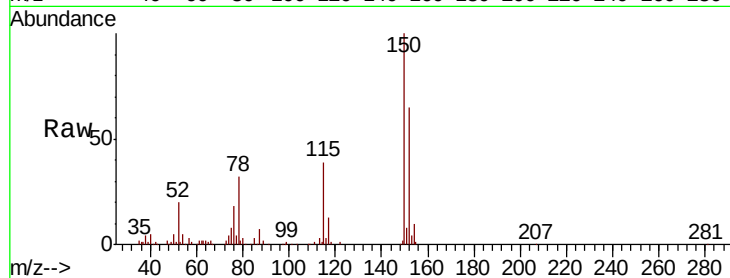


#1

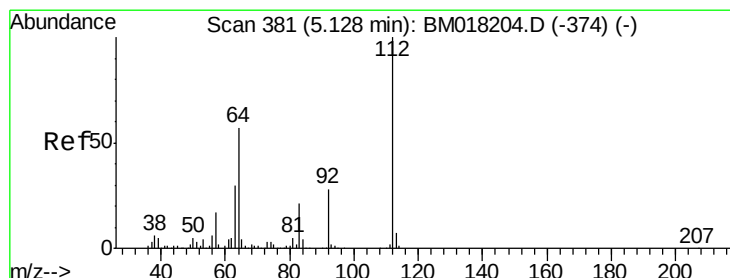
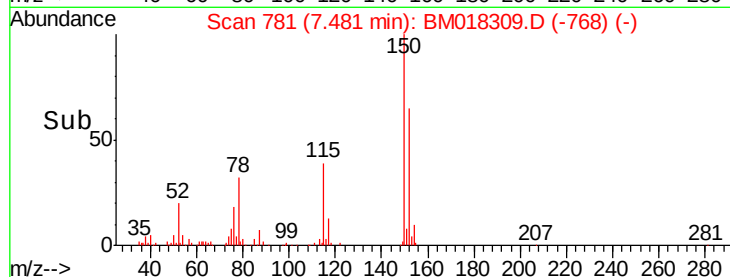
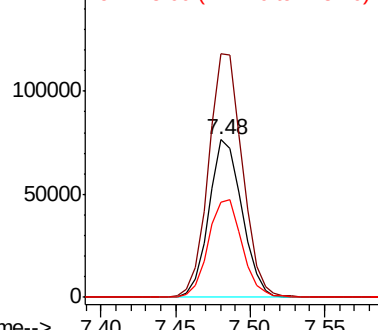
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:152 Resp: 118079
Ion Ratio Lower Upper
152 100
150 154.7 116.1 174.1
115 60.2 44.6 67.0



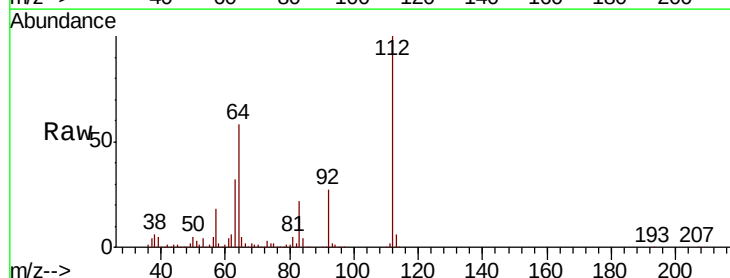
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



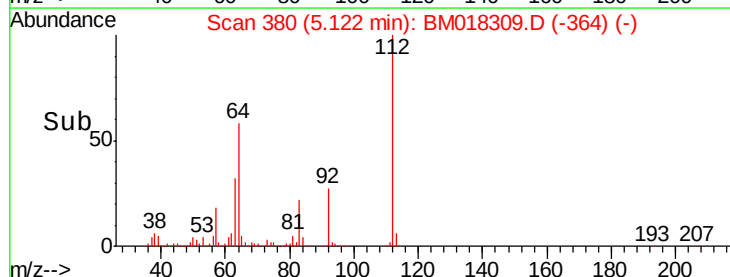
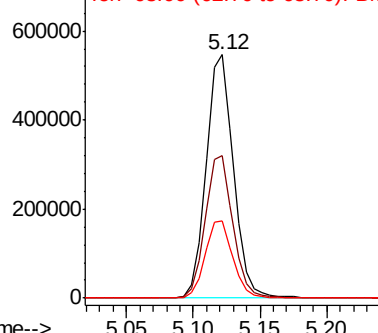
#5

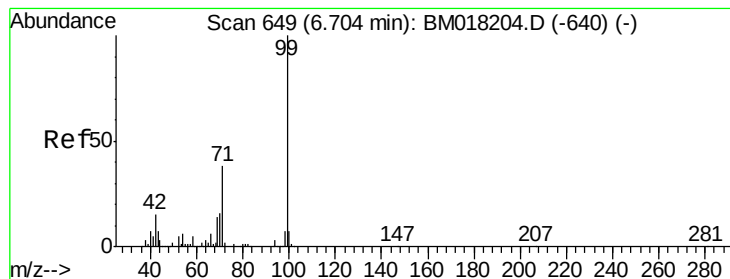
2-Fluorophenol
Concen: 109.867 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:112 Resp: 776600
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 31.9 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: 101.849 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

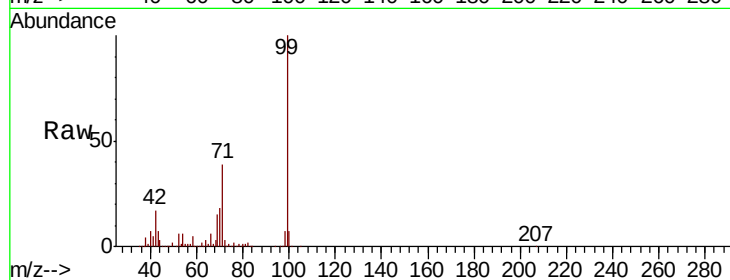
Tgt Ion: 99 Resp: 1000635

Ion Ratio Lower Upper

99 100

42 17.0 12.3 18.5

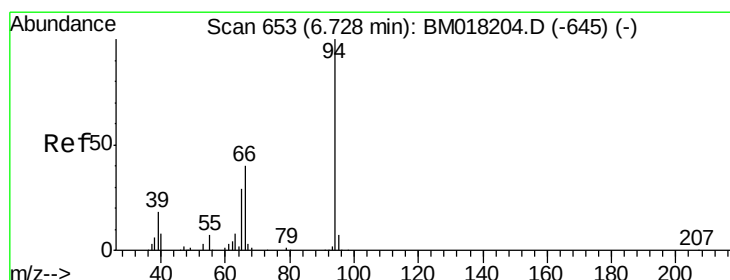
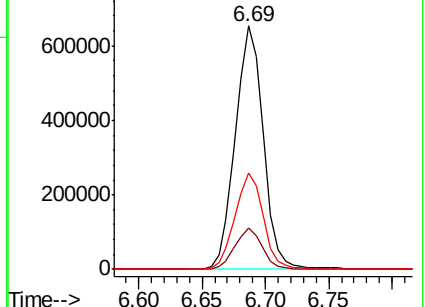
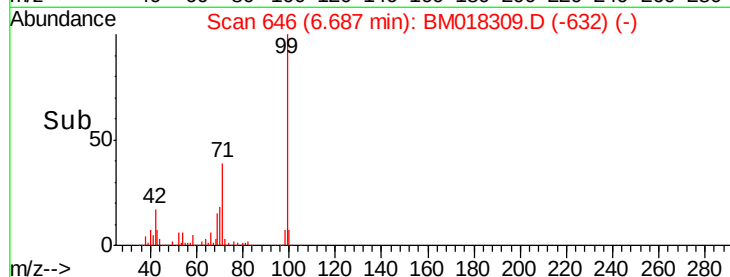
71 39.3 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018309.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018309.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018309.D (-632) (-)



#10

Phenol

Concen: 6.125 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

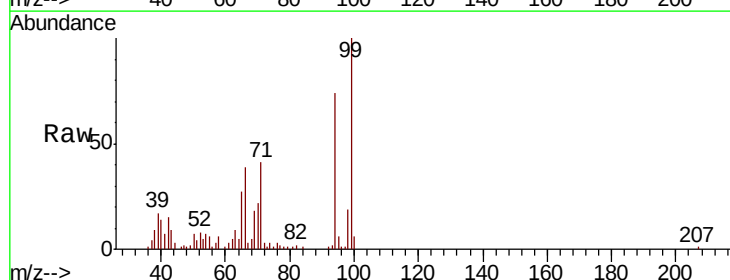
Tgt Ion: 94 Resp: 63734

Ion Ratio Lower Upper

94 100

65 37.2 9.5 49.5

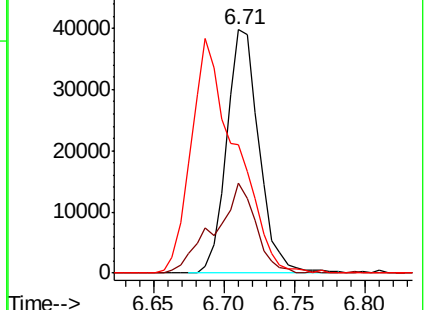
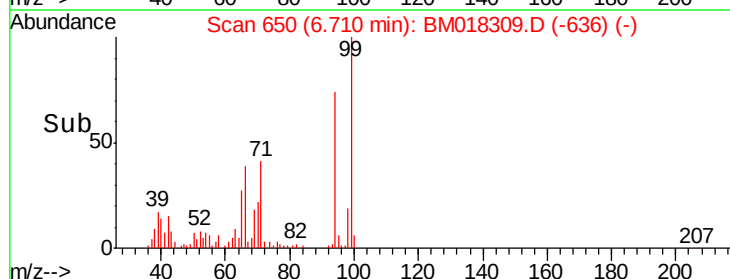
66 52.8 21.3 61.3

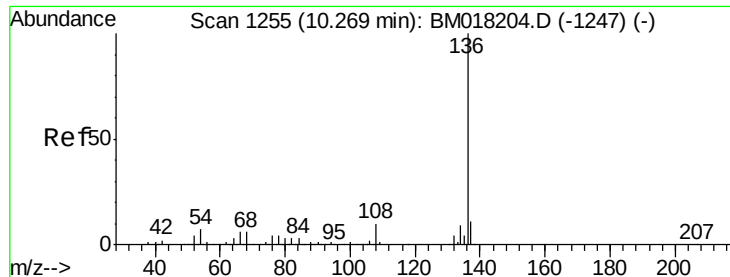


Abundance Ion 94.00 (93.70 to 94.70): BM018309.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018309.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018309.D (-636) (-)

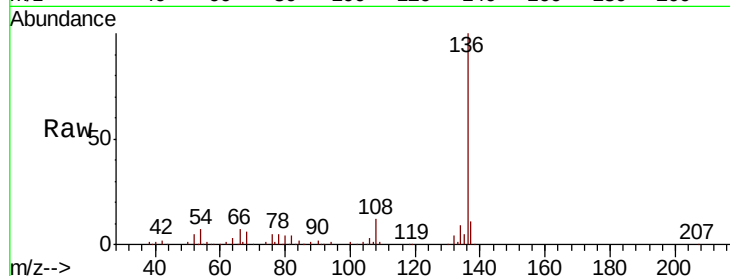




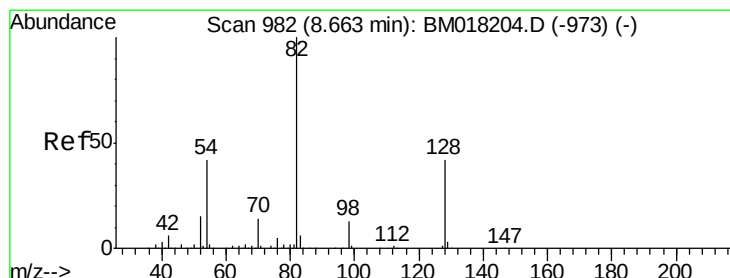
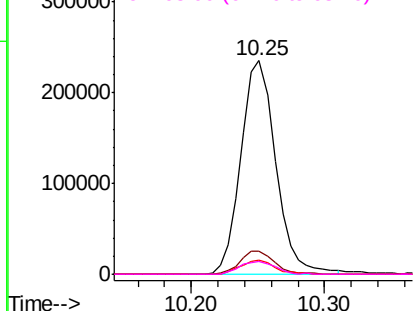
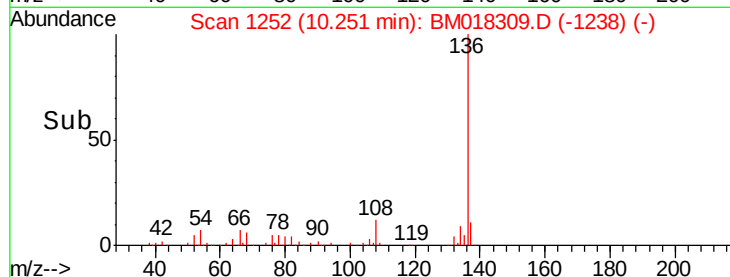
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:	136	Resp:	427237
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	5.2	7.8
68	5.9	5.0	7.6

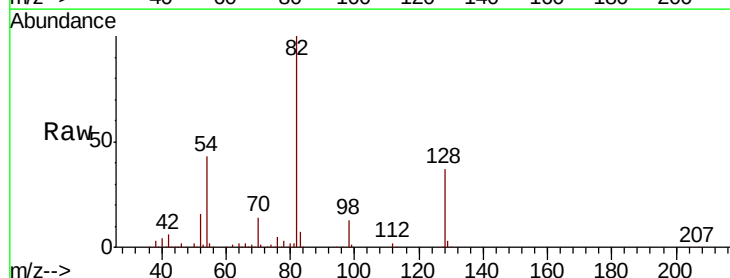


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

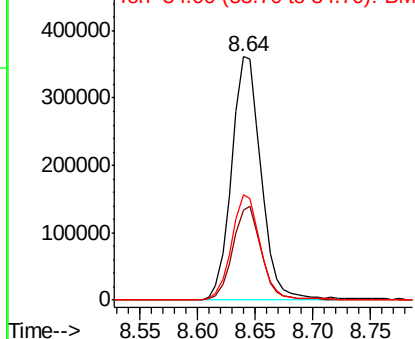
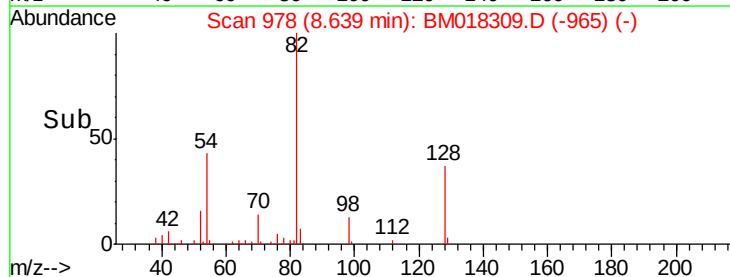


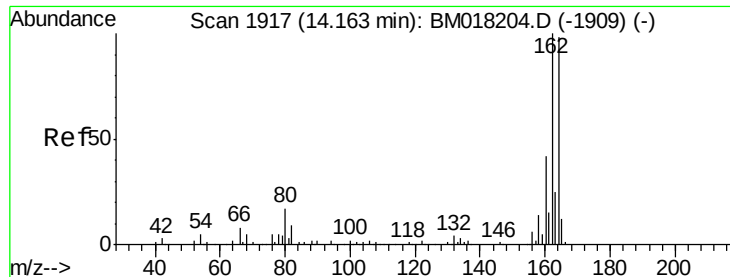
#23
Nitrobenzene-d5
Concen: 77.189 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion:	82	Resp:	642925
Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.4	50.2
54	43.2	33.4	50.2



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: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

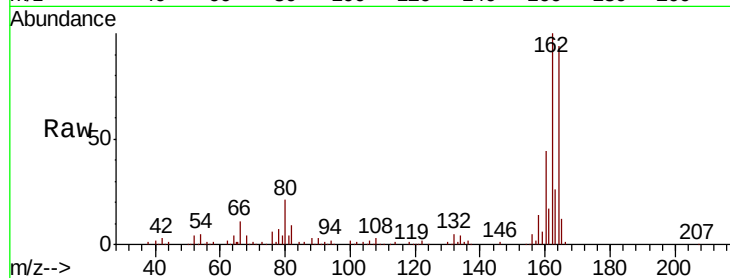
Tgt Ion:164 Resp: 205012

Ion Ratio Lower Upper

164 100

162 106.7 81.8 122.6

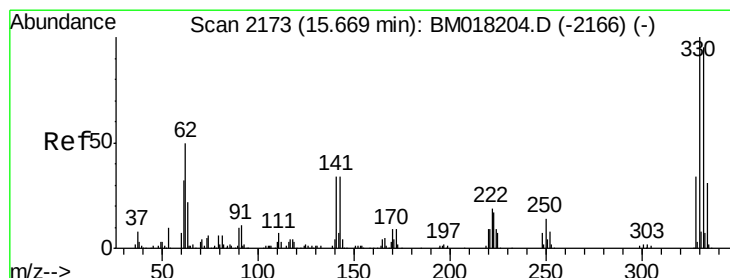
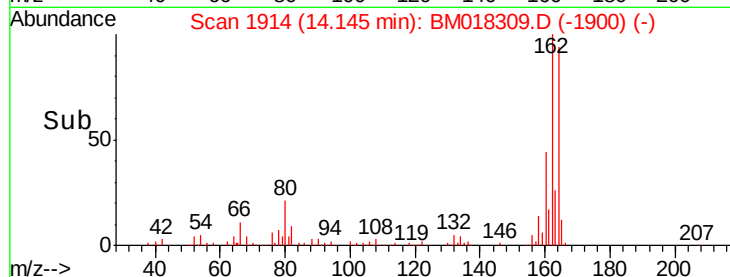
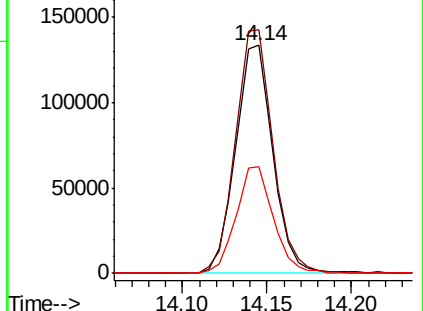
160 46.6 34.6 51.8



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: 94.566 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

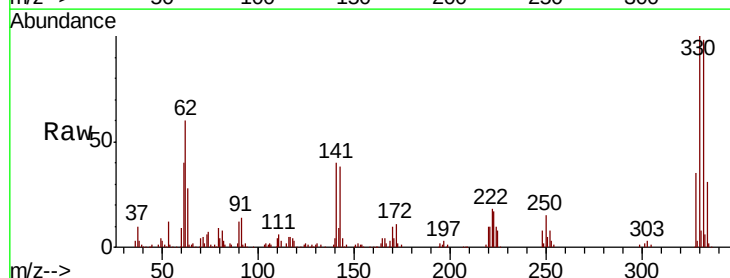
Tgt Ion:330 Resp: 284551

Ion Ratio Lower Upper

330 100

332 97.0 78.6 118.0

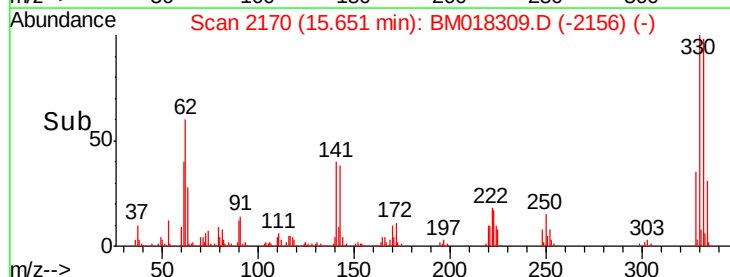
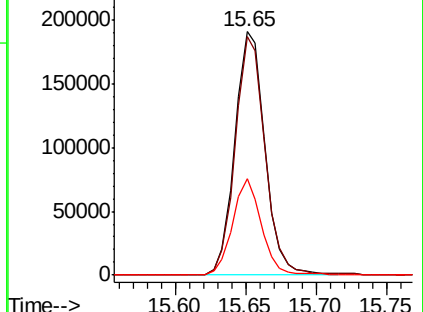
141 38.0 27.1 40.7

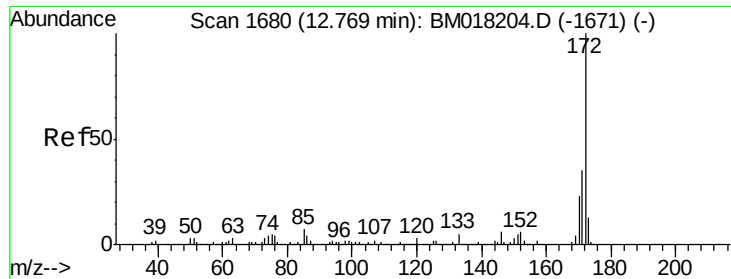


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

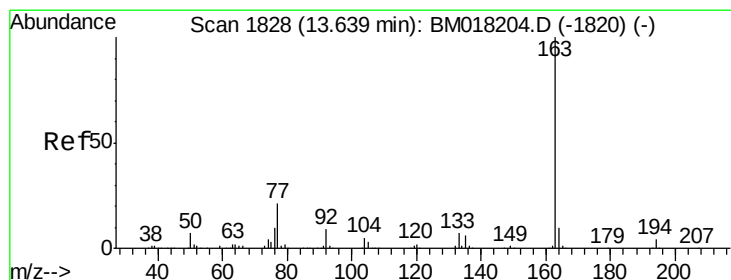
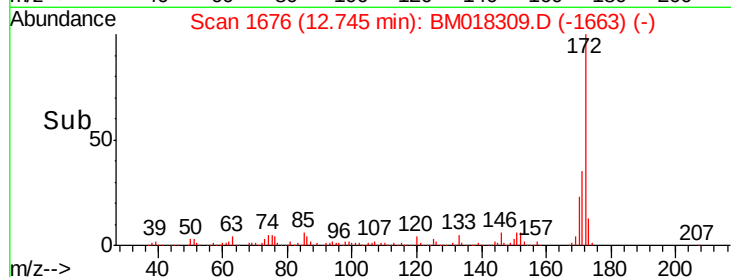
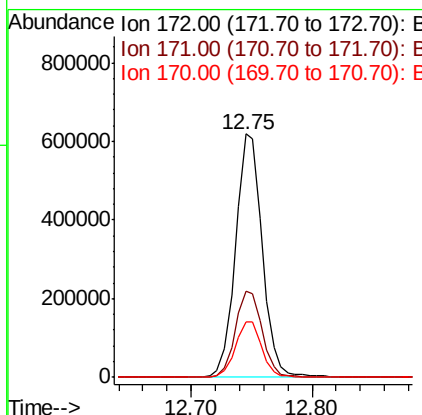
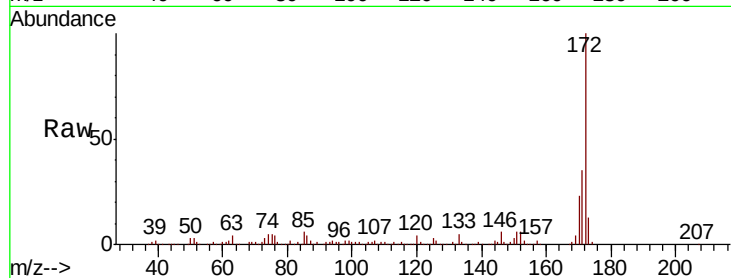




#45
 2-Fluorobiphenyl
 Concen: 60.306 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018309.D
 Acq: 19 Dec 2018 22:48

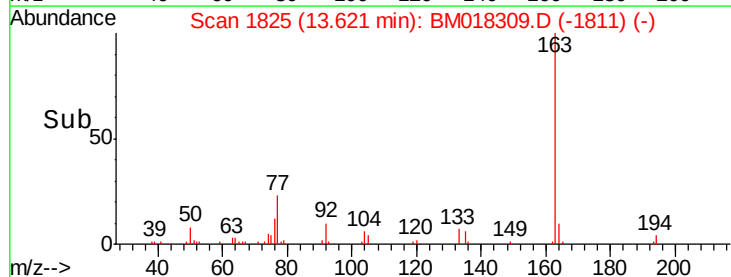
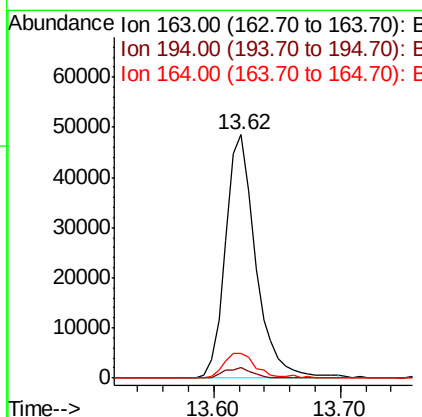
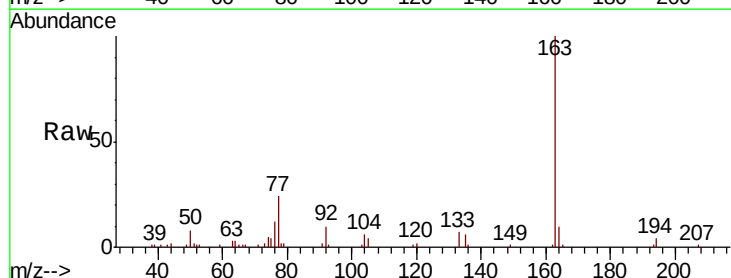
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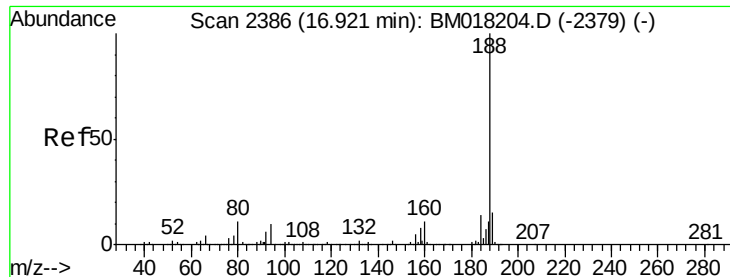
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	22.6	18.1	27.1



#50
 Dimethylphthalate
 Concen: 4.691 ng
 RT: 13.62 min Scan# 1825
 Delta R.T. -0.02 min
 Lab File: BM018309.D
 Acq: 19 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.1	7.9	11.9

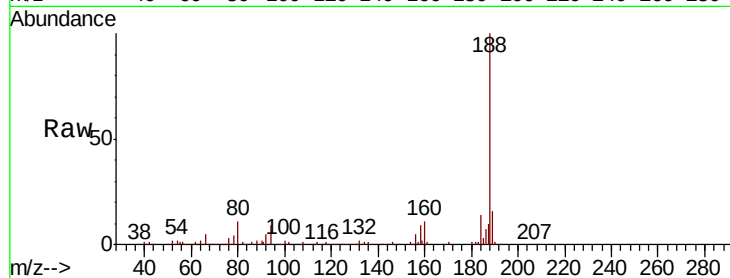




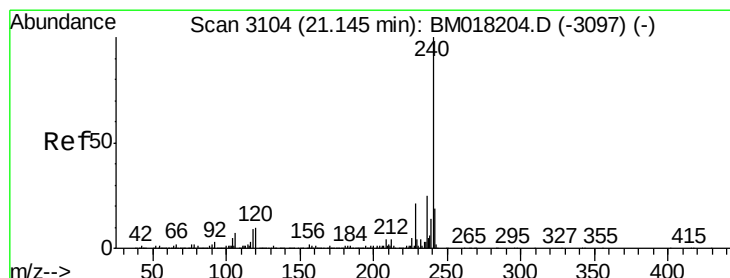
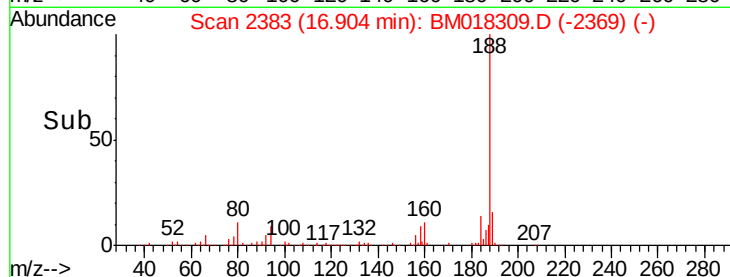
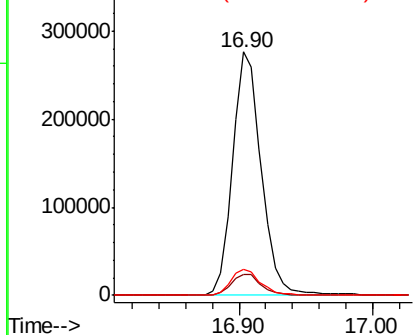
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Instrument :
BNA_M
ClientSampleId :
P001-SS002-0006-01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	10.9	9.0	13.6

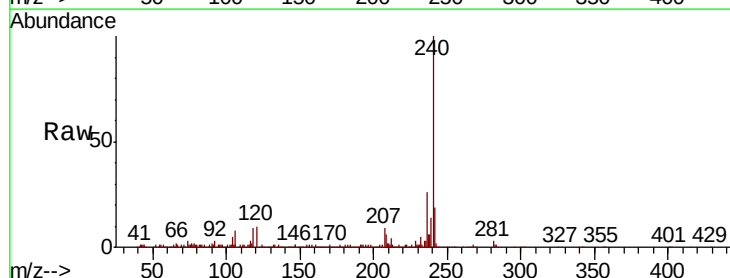


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

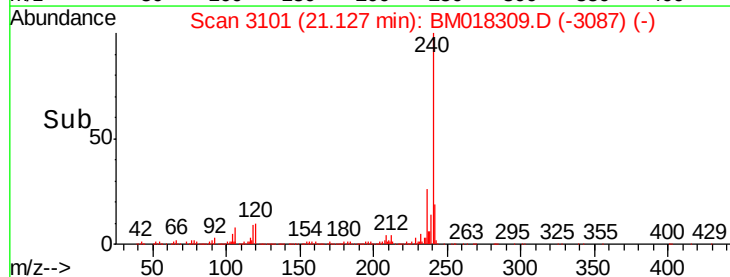
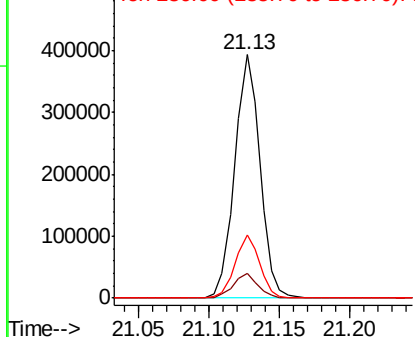


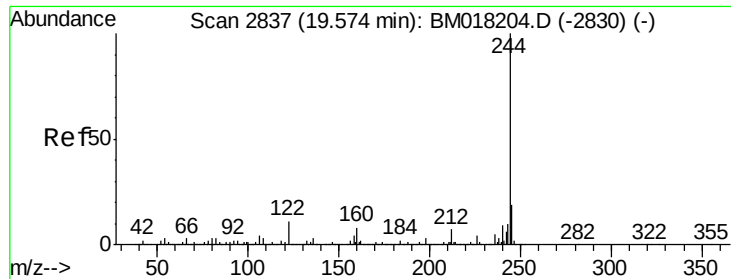
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018309.D
Acq: 19 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	26.0	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





#79

Terphenyl-d14

Concen: 44.179 ng

RT: 19.56 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

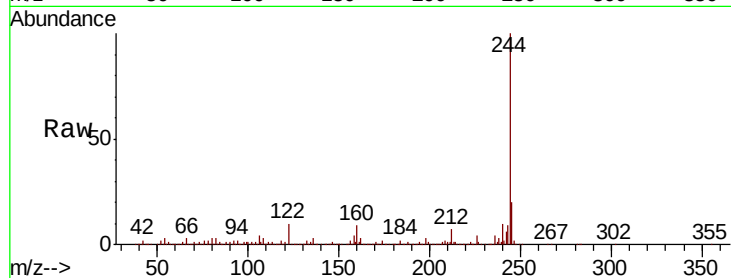
Tgt Ion:244 Resp: 960666

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

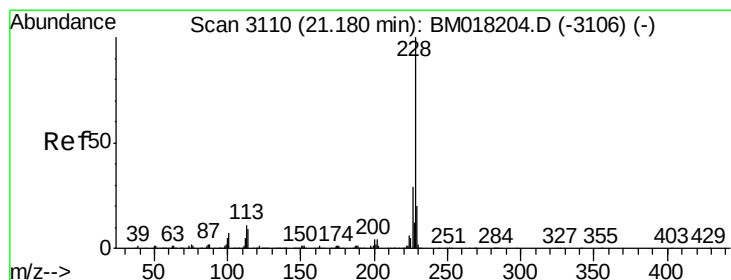
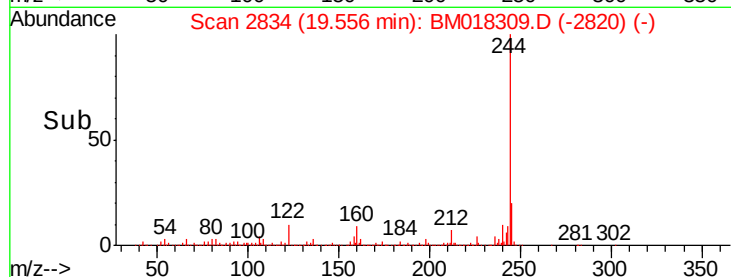
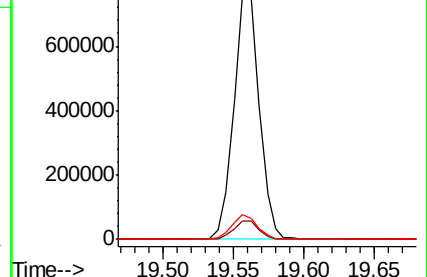
122 10.4 9.0 13.6



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



#83

Chrysene

Concen: 2.276 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

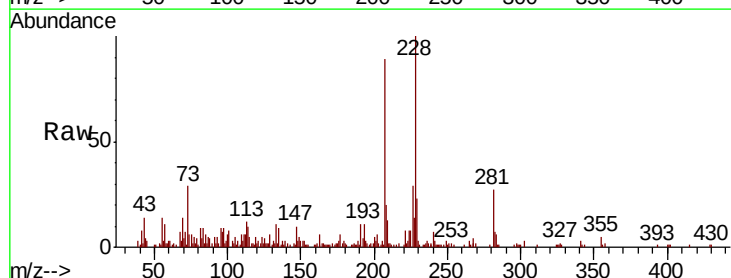
Tgt Ion:228 Resp: 62902

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

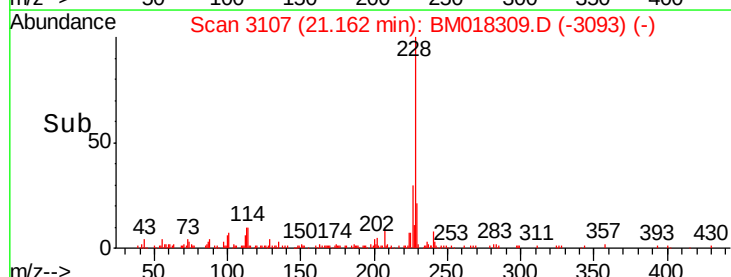
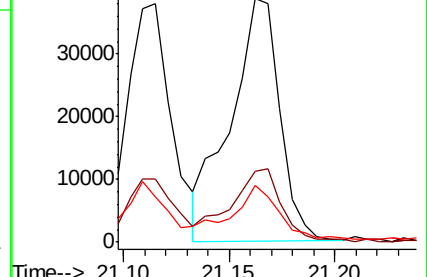
229 23.5 15.8 23.6

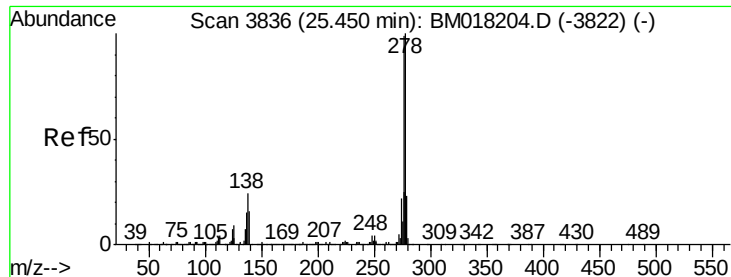


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.616 ng

RT: 25.40 min Scan# 3828

Delta R.T. -0.05 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

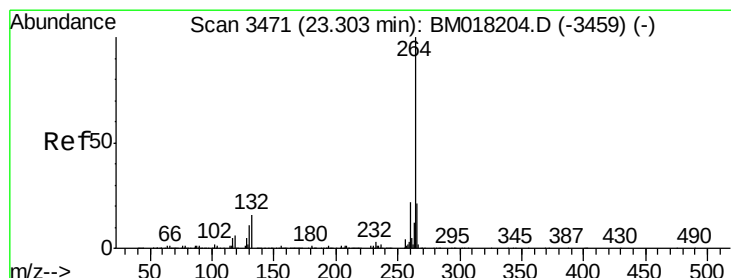
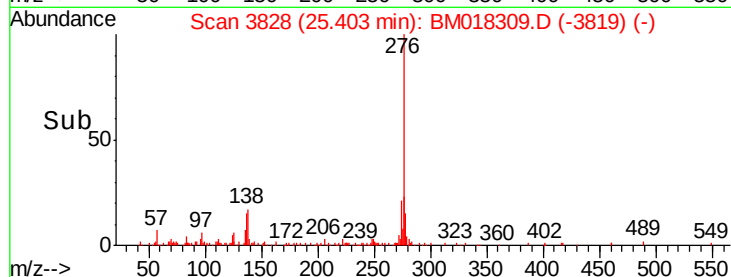
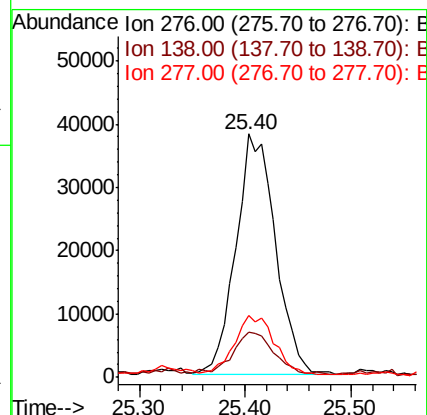
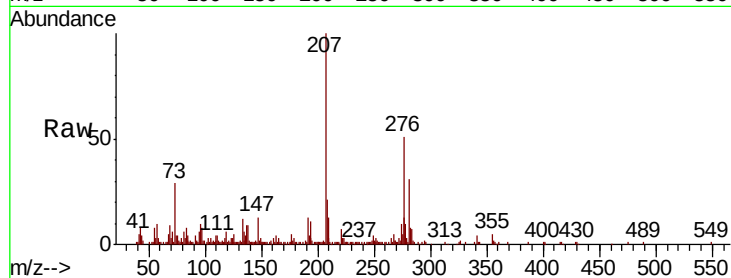
Tgt Ion:276 Resp: 99534

Ion Ratio Lower Upper

276 100

138 17.4 18.6 28.0#

277 24.8 20.3 30.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

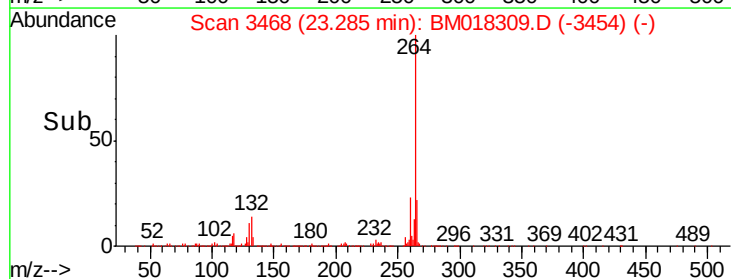
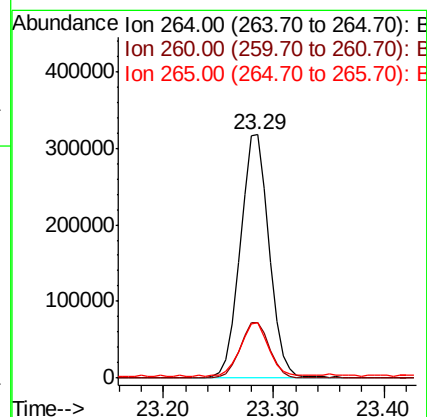
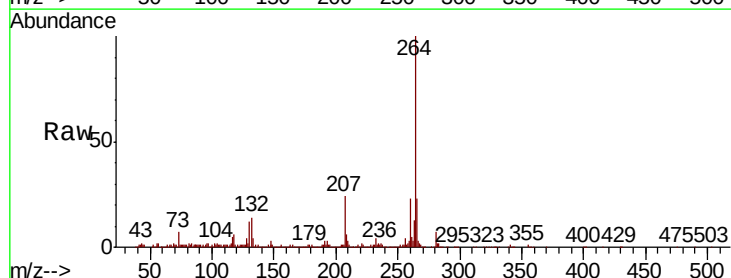
Tgt Ion:264 Resp: 584190

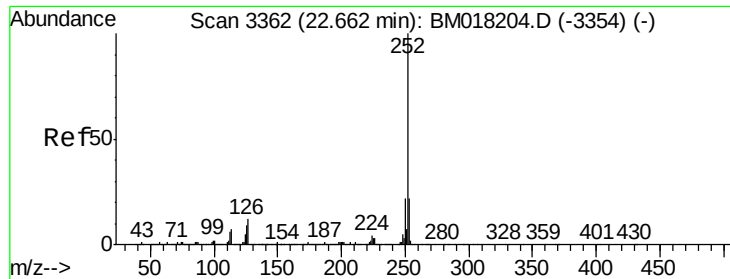
Ion Ratio Lower Upper

264 100

260 22.8 17.5 26.3

265 22.8 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 4.929 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

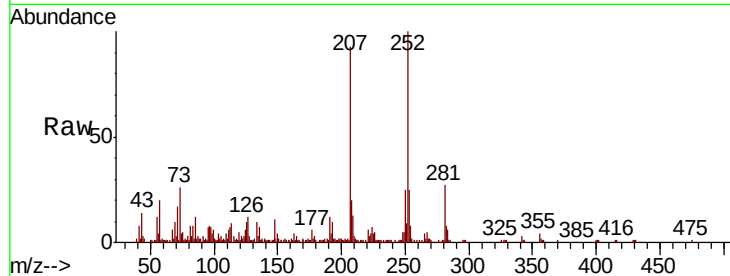
Tgt Ion:252 Resp: 161736

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 10.5 7.4 11.0

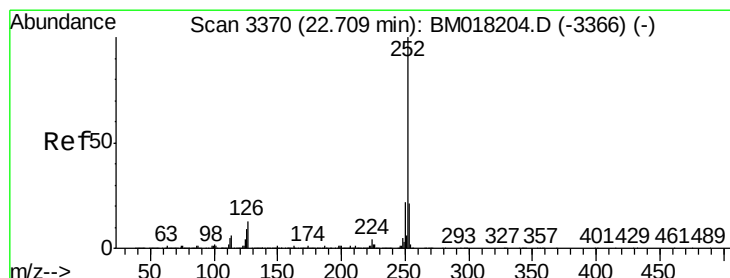
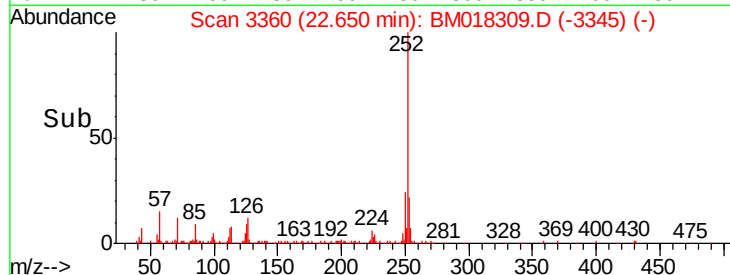
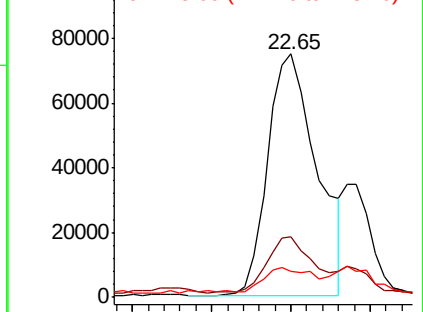


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 4.920 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.06 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

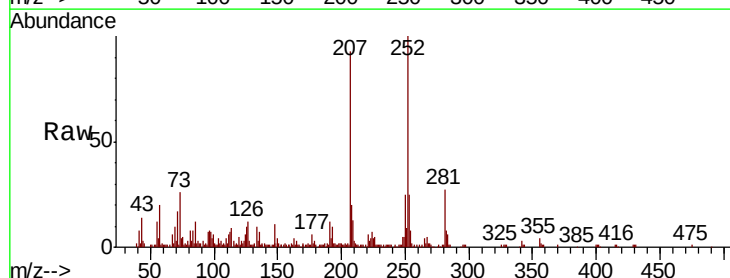
Tgt Ion:252 Resp: 160789

Ion Ratio Lower Upper

252 100

253 25.0 16.9 25.3

125 10.5 7.5 11.3

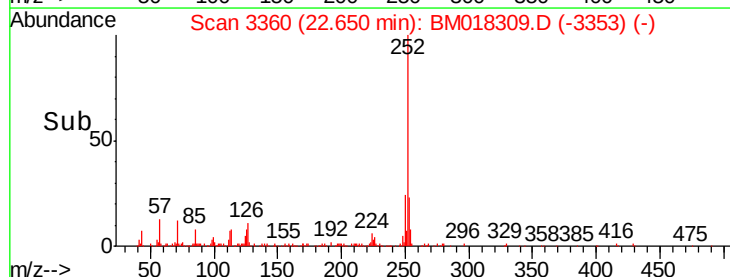
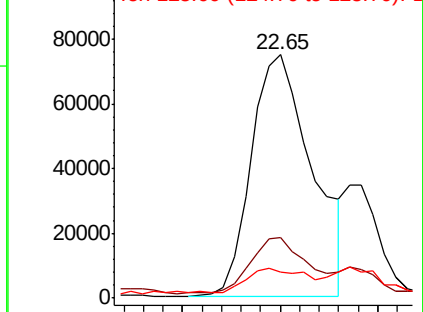


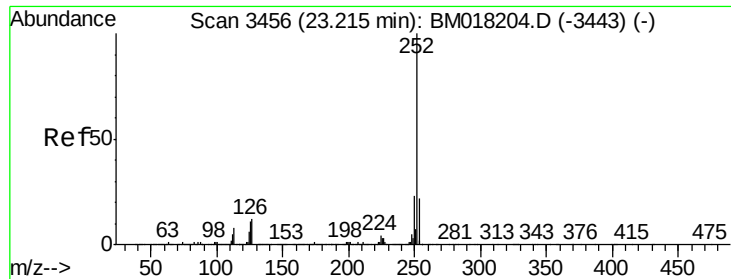
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.054 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

Instrument :

BNA_M

ClientSampleId :

P001-SS002-0006-01

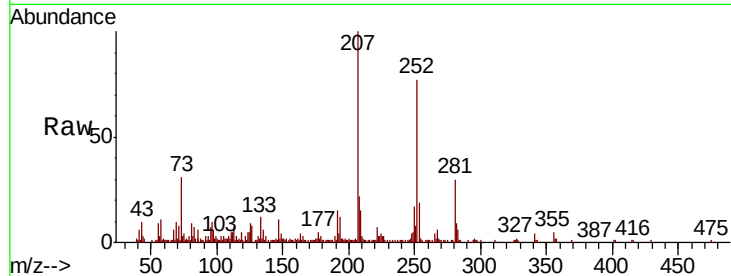
Tgt Ion:252 Resp: 95320

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

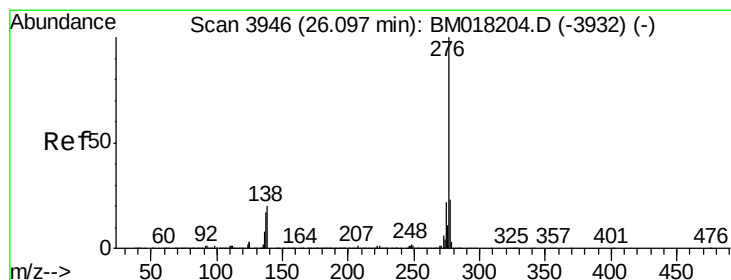
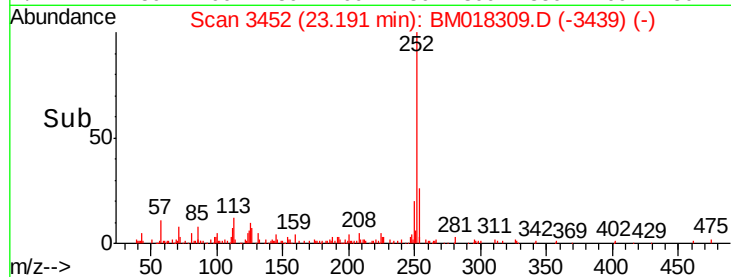
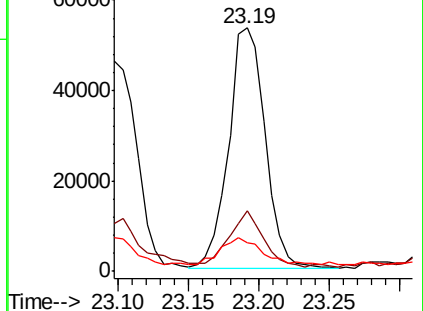
125 11.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.527 ng

RT: 26.06 min Scan# 3940

Delta R.T. -0.04 min

Lab File: BM018309.D

Acq: 19 Dec 2018 22:48

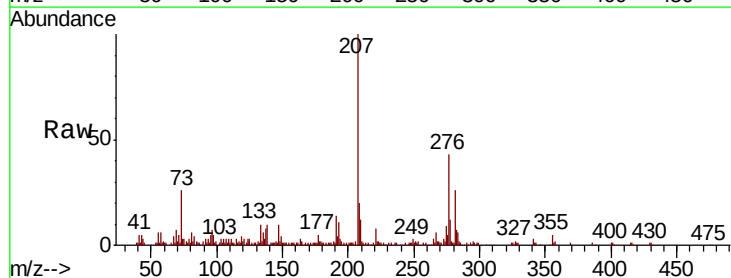
Tgt Ion:276 Resp: 96397

Ion Ratio Lower Upper

276 100

277 27.1 18.7 28.1

138 22.5 15.8 23.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

