

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018313.D
 Acq On : 20 Dec 2018 01:13
 Operator : JU/SJ
 Sample : J6379-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS004-0006-01

Quant Time: Dec 20 02:57:03 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

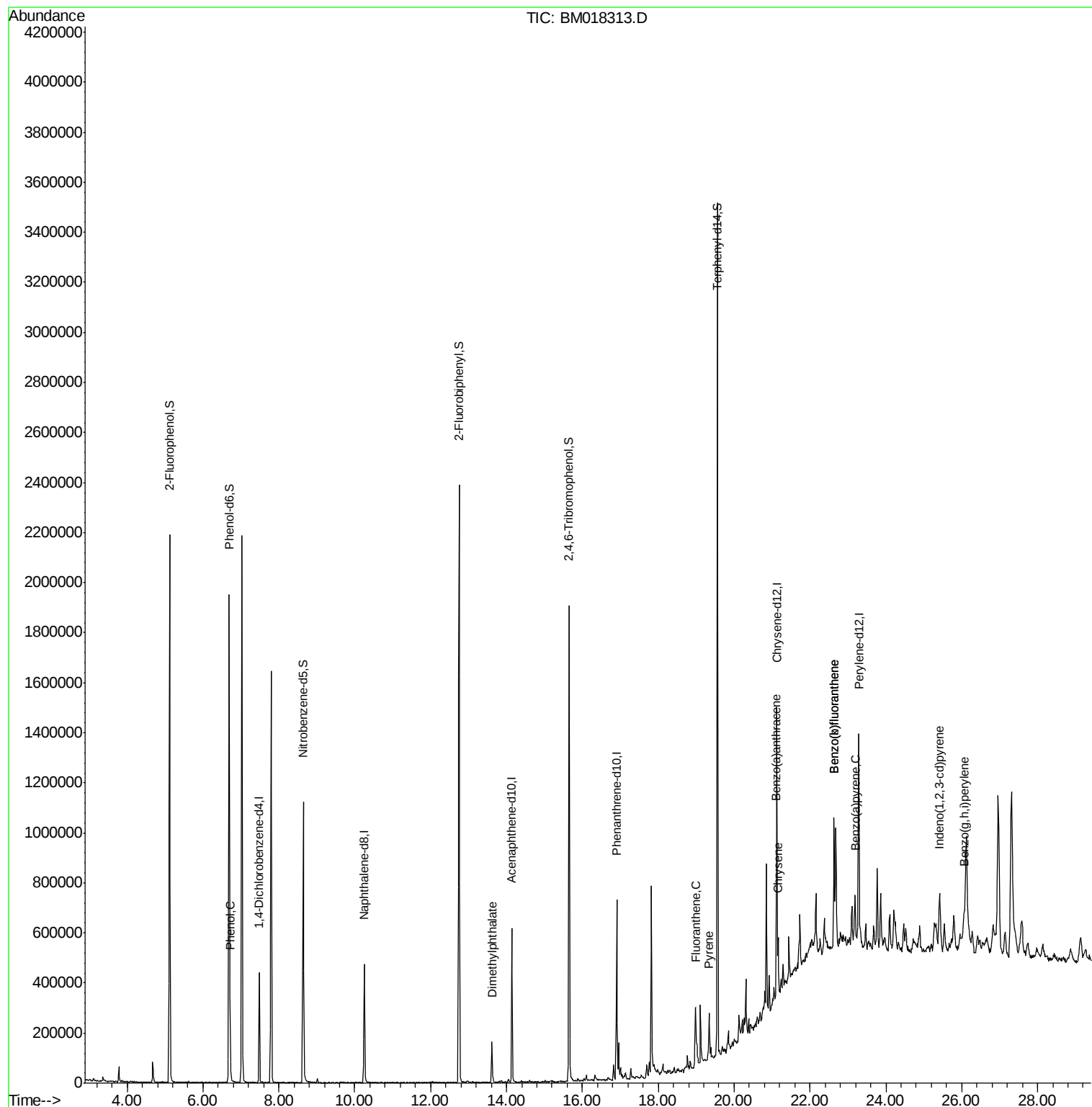
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	110771	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	396215	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	195482	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	402598	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	486459	20.00	ng	-0.02
87) Perylene-d12	23.29	264	542169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	834281	125.81	ng	0.00
7) Phenol-d6	6.69	99	1099891	119.34	ng	-0.02
23) Nitrobenzene-d5	8.64	82	706511	91.46	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	334685	116.65	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1221700	80.95	ng	-0.02
79) Terphenyl-d14	19.56	244	1404282	65.29	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	64252	6.583	ng	94
50) Dimethylphthalate	13.62	163	103959	6.397	ng	100
75) Fluoranthene	18.98	202	116397	4.578	ng	99
78) Pyrene	19.34	202	99590	3.436	ng	97
81) Benzo(a)anthracene	21.11	228	88039	3.098	ng	98
83) Chrysene	21.16	228	105914	3.875	ng	96
86) Indeno(1,2,3-cd)pyrene	25.41	276	120697	4.433	ng	95
88) Benzo(b)fluoranthene	22.64	252	207100	6.800	ng	# 93
89) Benzo(k)fluoranthene	22.64	252	206705	6.815	ng	# 92
90) Benzo(a)pyrene	23.19	252	125485	4.332	ng	99
92) Benzo(g,h,i)perylene	26.06	276	126563	4.990	ng	96

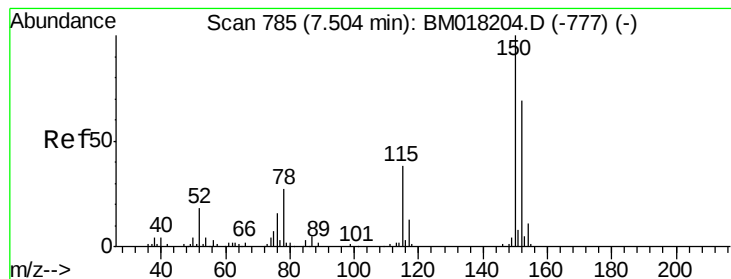
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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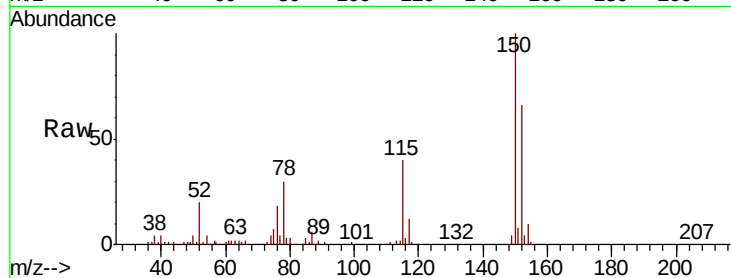


#1

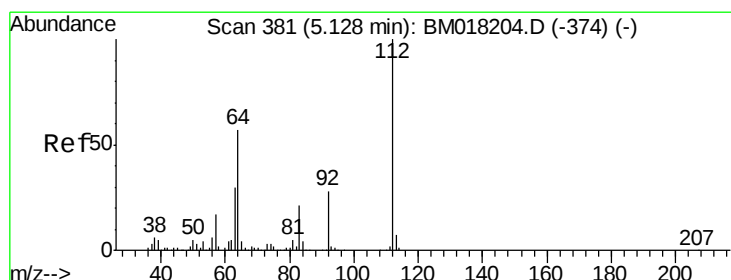
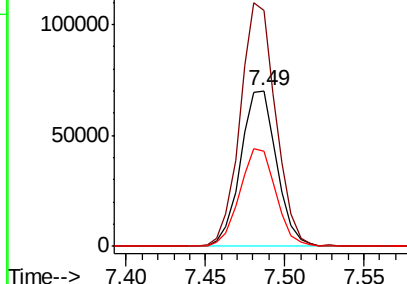
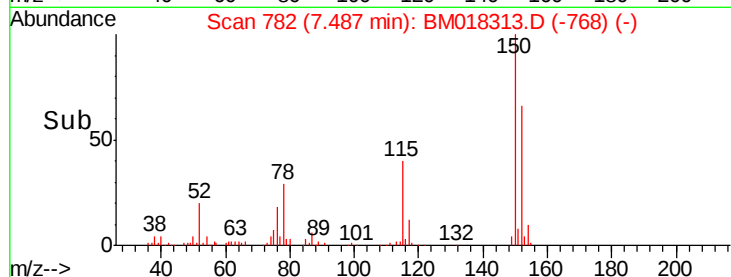
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tgt Ion:152 Resp: 110771
Ion Ratio Lower Upper
152 100
150 151.1 116.1 174.1
115 60.7 44.6 67.0



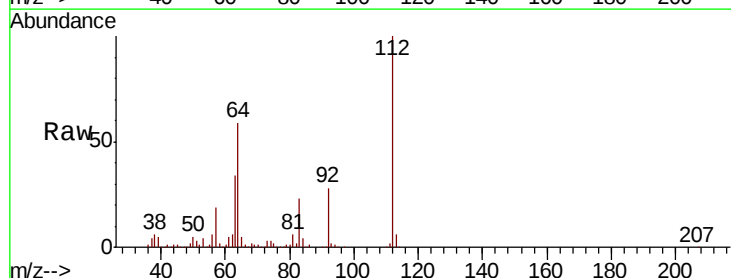
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



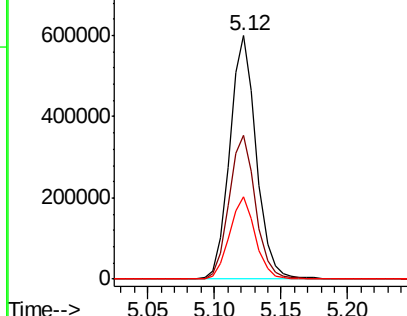
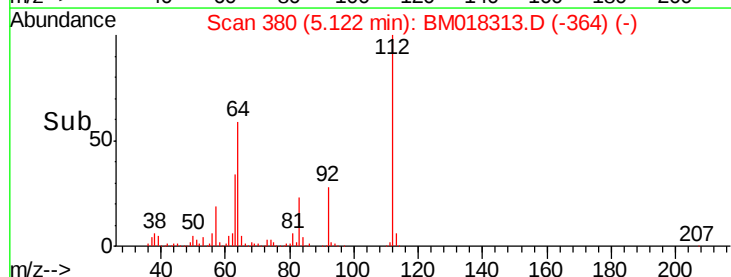
#5

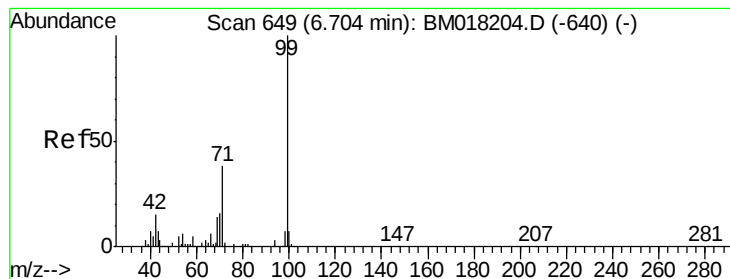
2-Fluorophenol
Concen: 125.814 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion:112 Resp: 834281
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.2
63 33.9 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
800000 Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 119.337 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

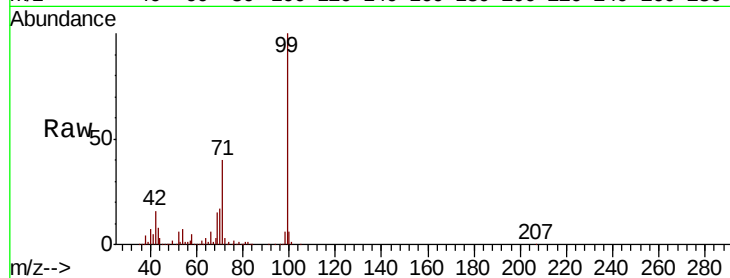
Tgt Ion: 99 Resp: 1099891

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

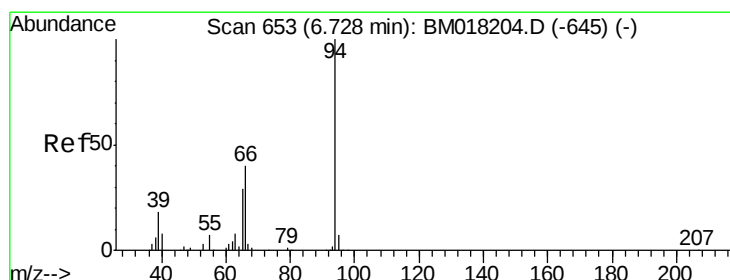
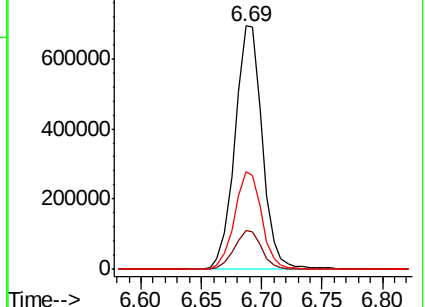
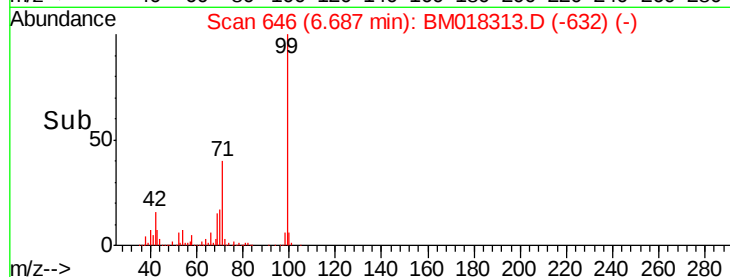
71 40.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018313.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018313.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018313.D (-632) (-)



#10

Phenol

Concen: 6.583 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

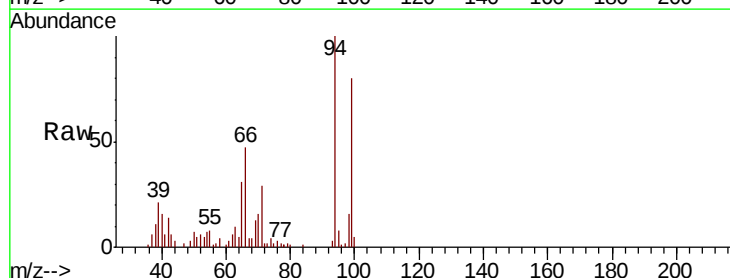
Tgt Ion: 94 Resp: 64252

Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

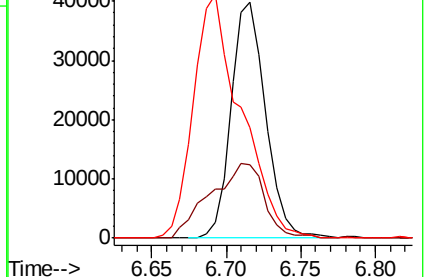
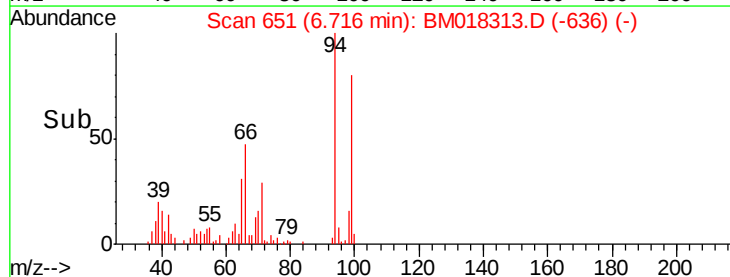
66 46.7 21.3 61.3

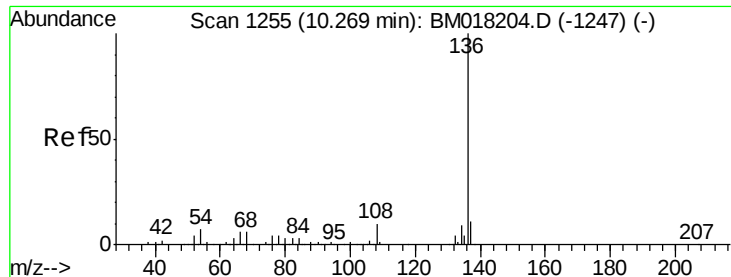


Abundance Ion 94.00 (93.70 to 94.70): BM018313.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018313.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018313.D (-636) (-)

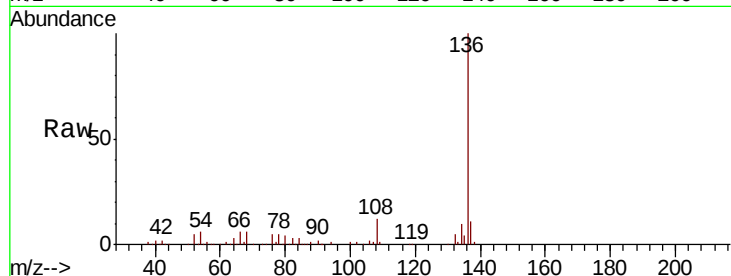




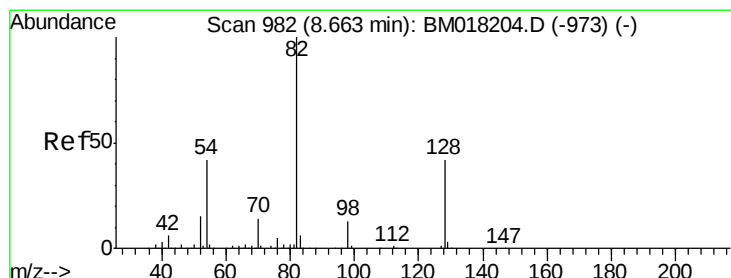
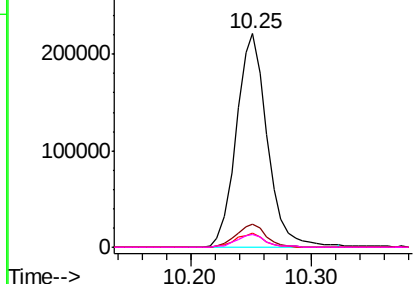
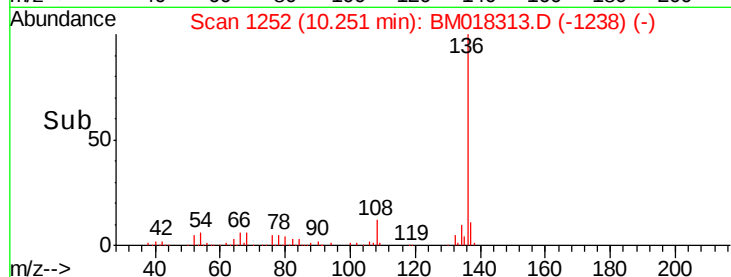
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tgt Ion:	136	Resp:	396215
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.3	5.2	7.8
68	6.1	5.0	7.6

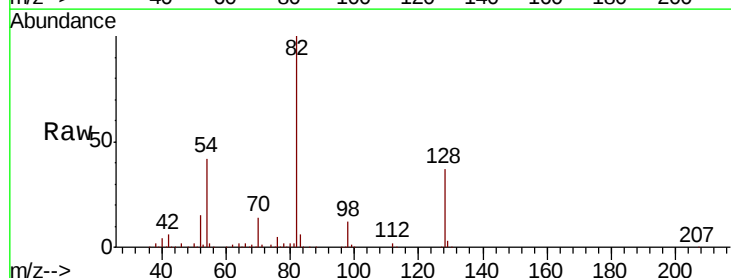


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

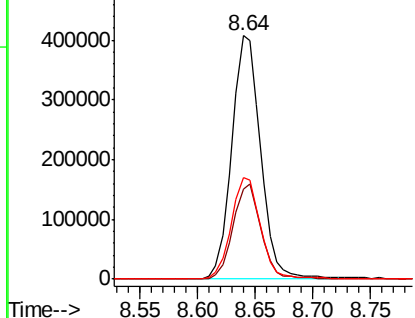
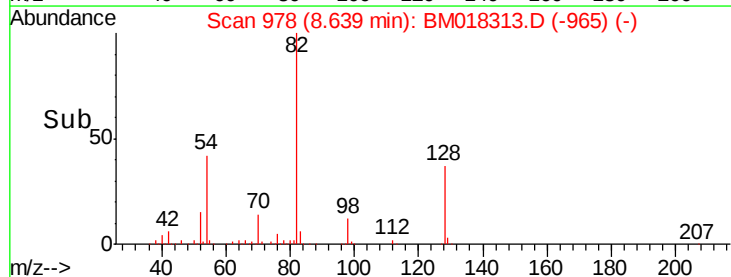


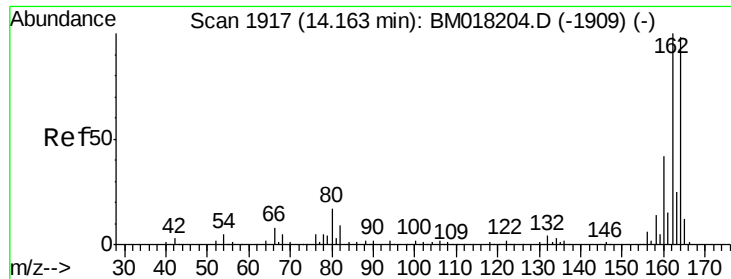
#23
Nitrobenzene-d5
Concen: 91.464 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion:	82	Resp:	706511
Ion	Ratio	Lower	Upper
82	100		
128	36.7	33.4	50.2
54	41.7	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# 1913

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

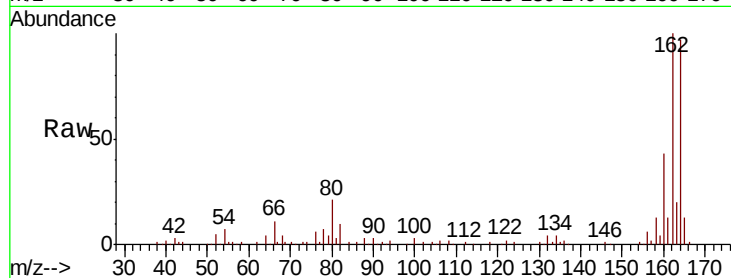
Tgt Ion:164 Resp: 195482

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

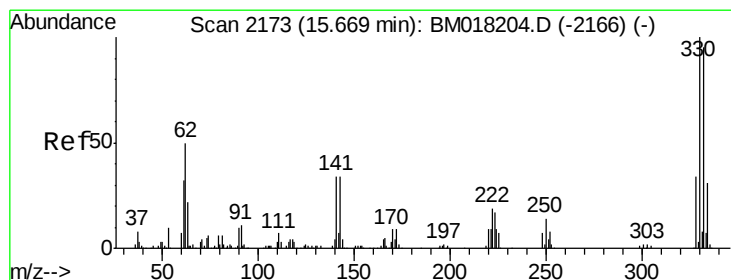
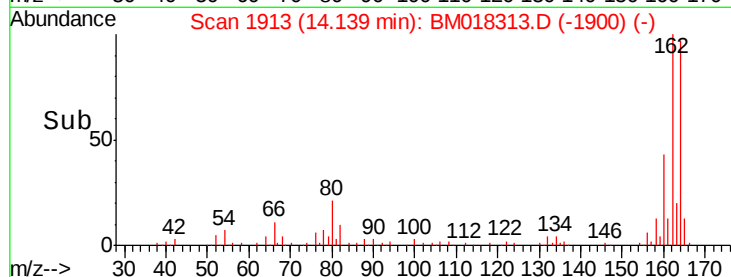
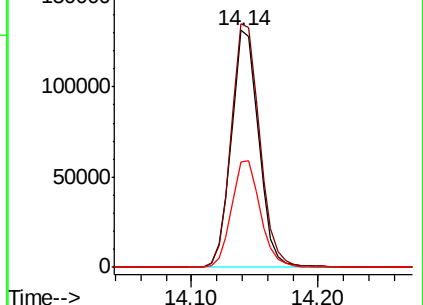
160 44.6 34.6 51.8



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: 116.650 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

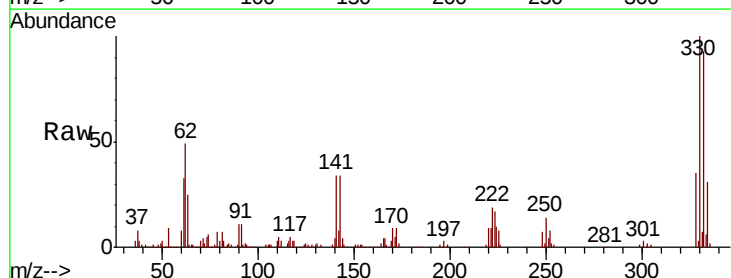
Tgt Ion:330 Resp: 334685

Ion Ratio Lower Upper

330 100

332 95.8 78.6 118.0

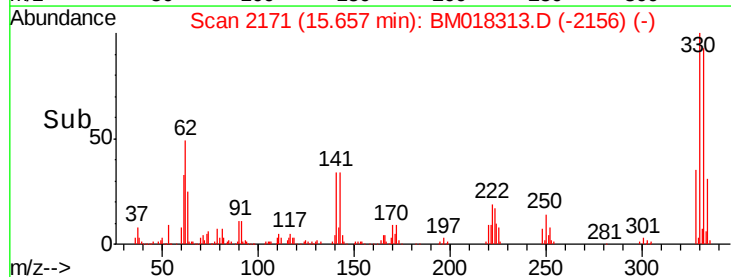
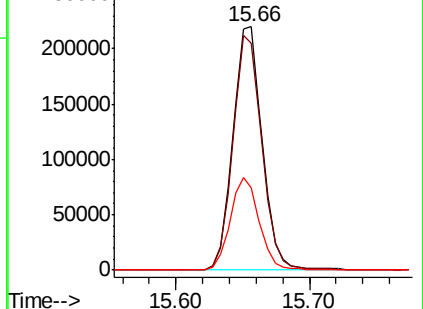
141 38.0 27.1 40.7

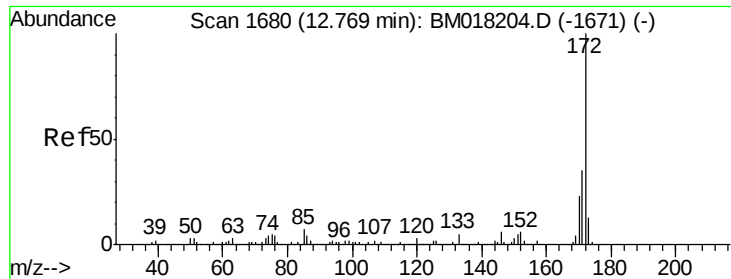


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

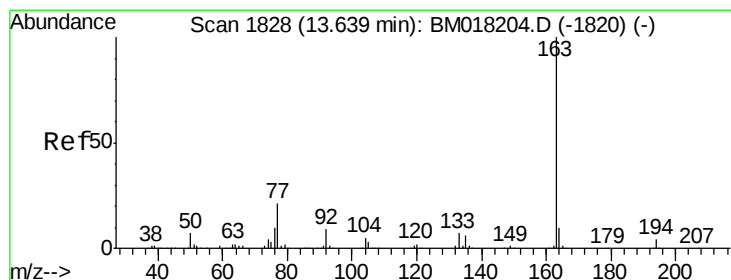
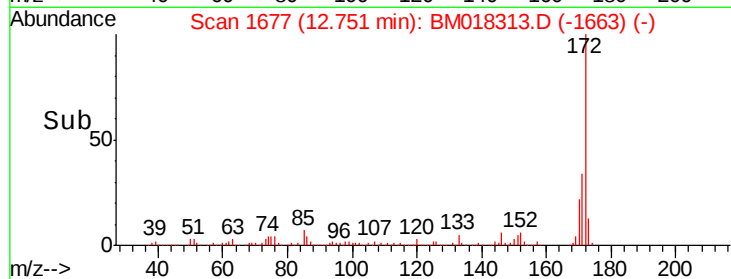
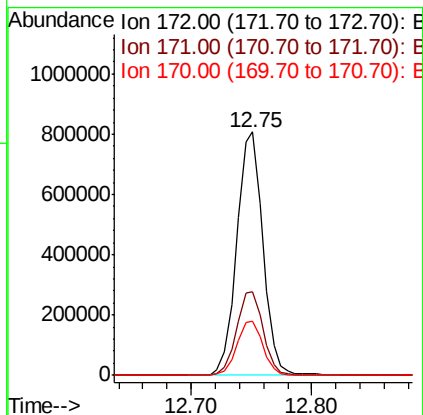
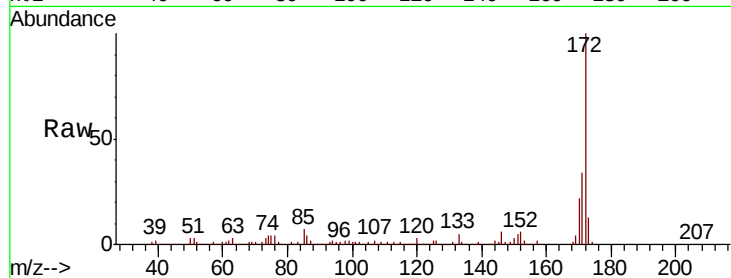




#45
 2-Fluorobiphenyl
 Concen: 80.948 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018313.D
 Acq: 20 Dec 2018 01:13

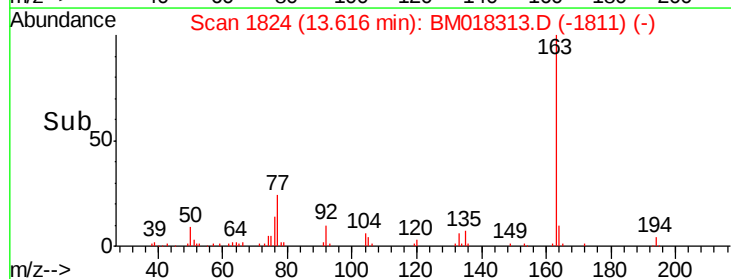
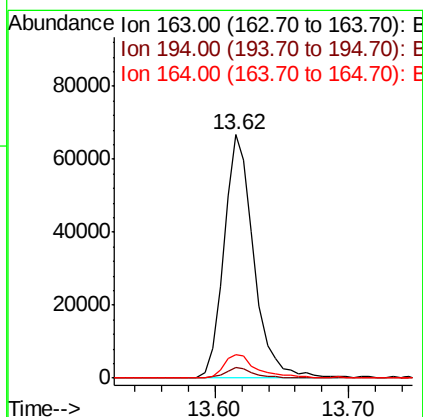
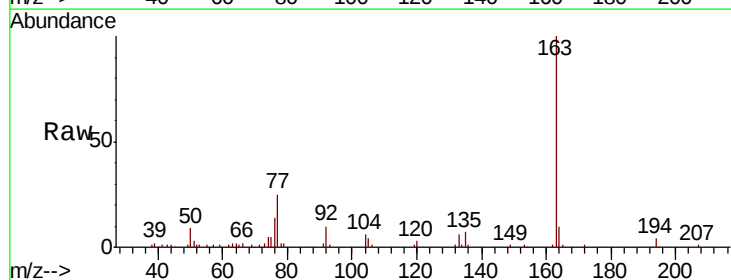
Instrument :
 BNA_M
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 P001-SS004-0006-01

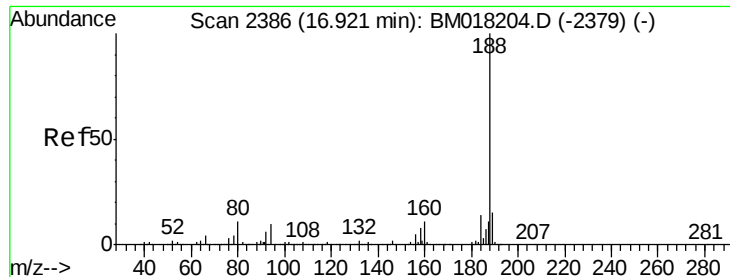
Tgt Ion:172 Resp: 1221700
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.3 42.5
 170 22.3 18.1 27.1



#50
 Dimethylphthalate
 Concen: 6.397 ng
 RT: 13.62 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BM018313.D
 Acq: 20 Dec 2018 01:13

Tgt Ion:163 Resp: 103959
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.1 4.7
 164 9.8 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

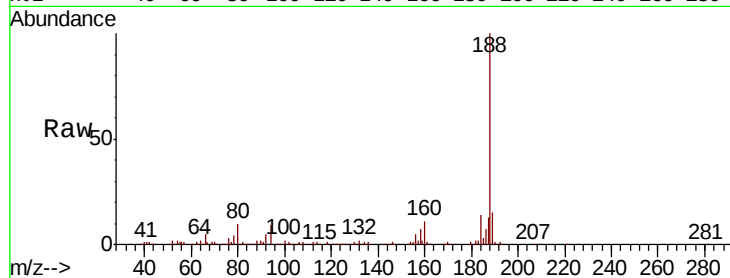
Tgt Ion:188 Resp: 402598

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

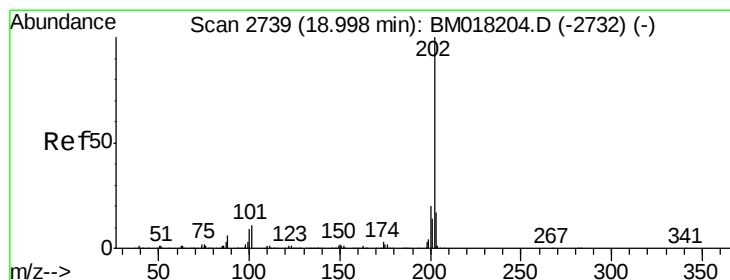
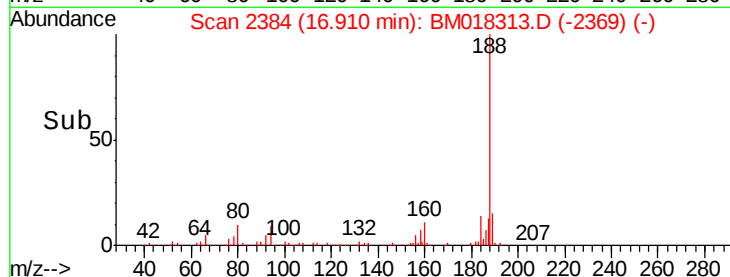
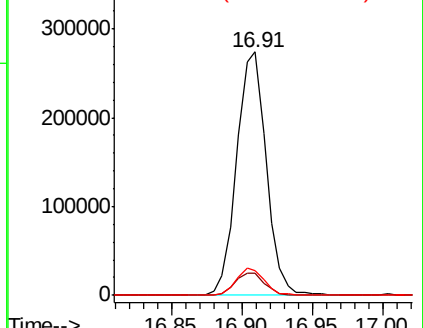
80 10.4 9.0 13.6



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



#75

Fluoranthene

Concen: 4.578 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

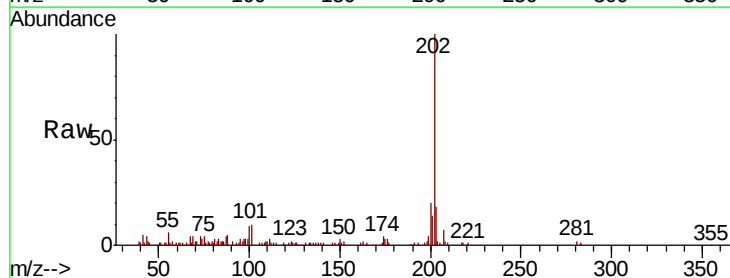
Tgt Ion:202 Resp: 116397

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

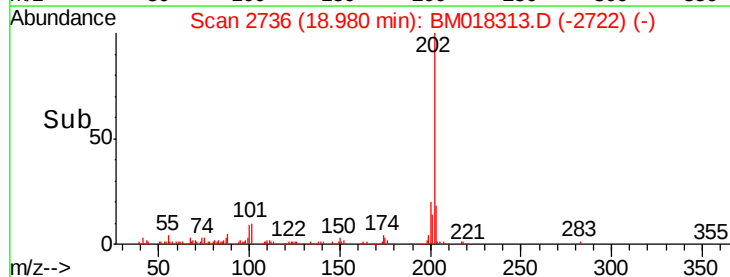
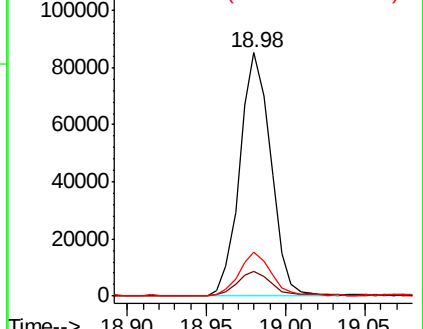
203 17.8 0.0 37.5

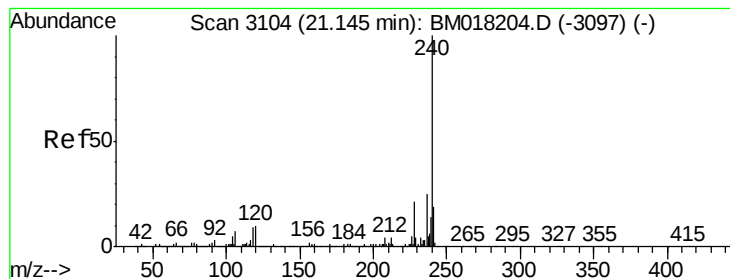


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

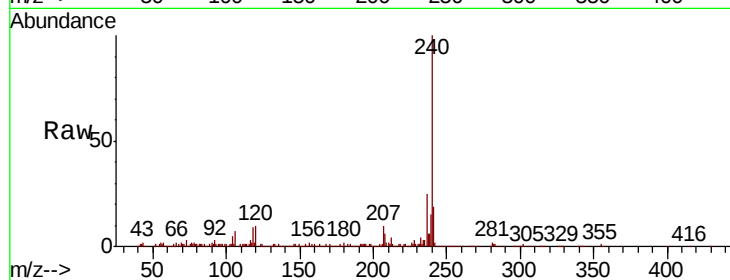
Tgt Ion:240 Resp: 486459

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.1 20.3 30.5

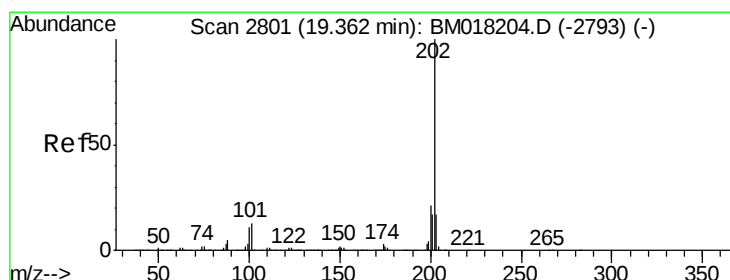
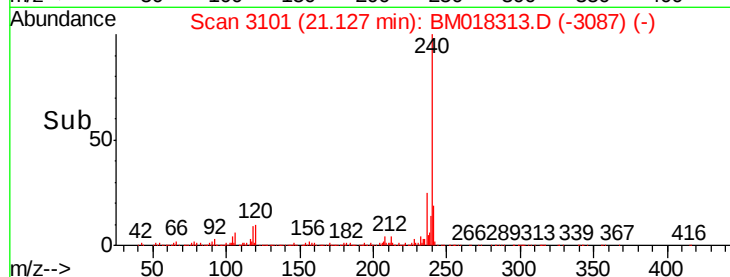
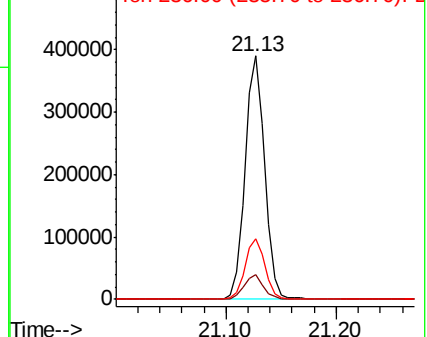


Abundance

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: 3.436 ng

RT: 19.34 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

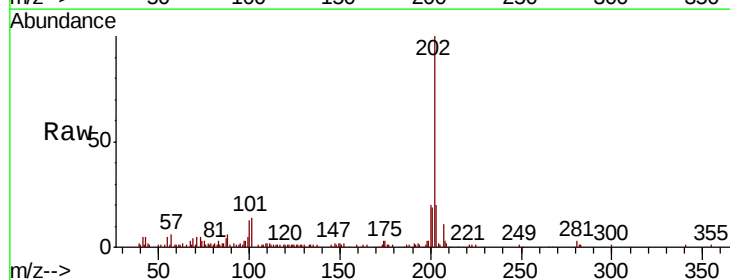
Tgt Ion:202 Resp: 99590

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 19.8 14.0 21.0

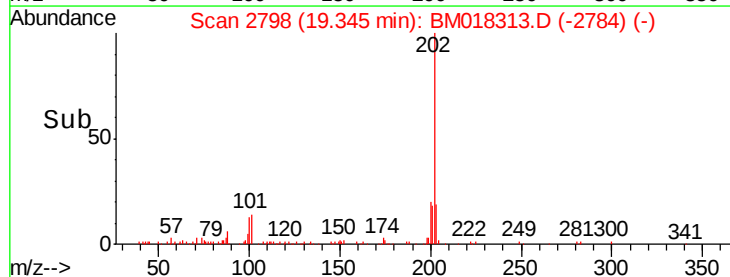
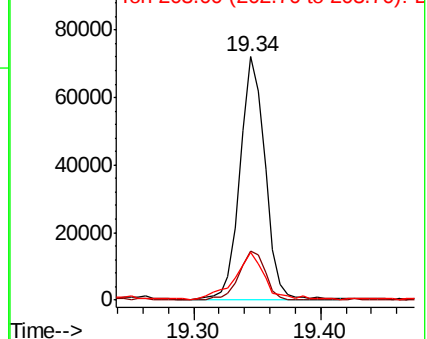


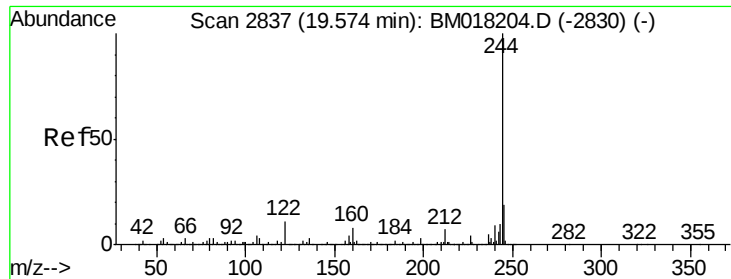
Abundance

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: 65.288 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

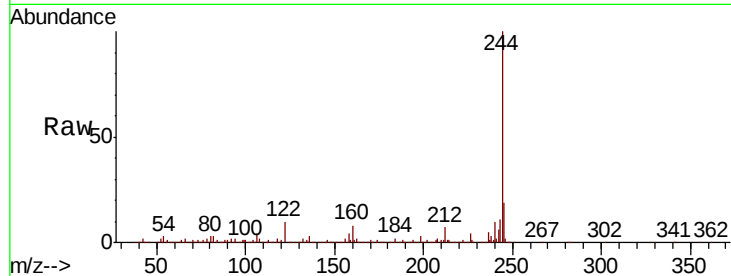
Tgt Ion:244 Resp: 1404282

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

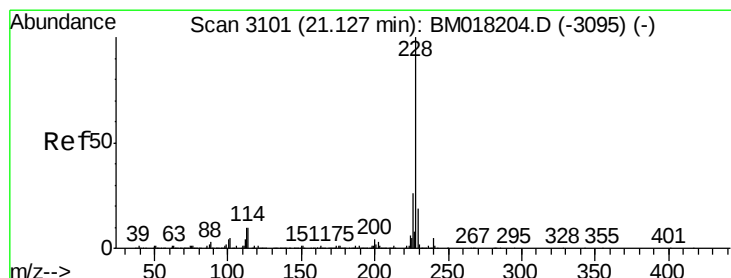
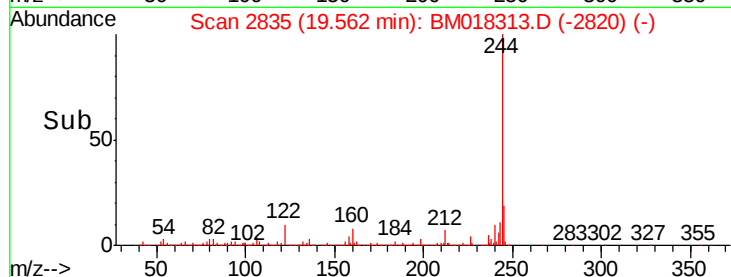
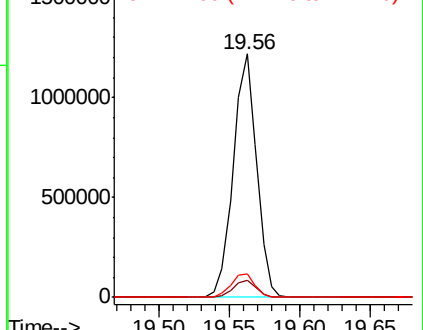
122 9.8 9.0 13.6



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



#81

Benzo(a)anthracene

Concen: 3.098 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

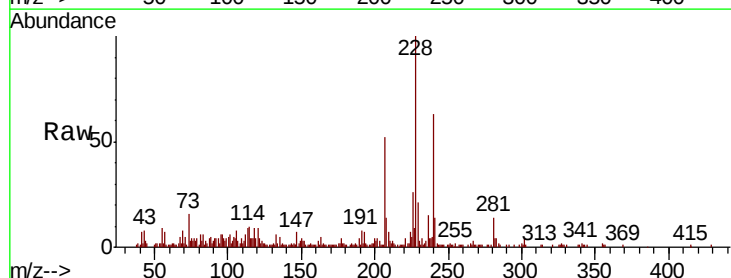
Tgt Ion:228 Resp: 88039

Ion Ratio Lower Upper

228 100

226 26.1 21.0 31.4

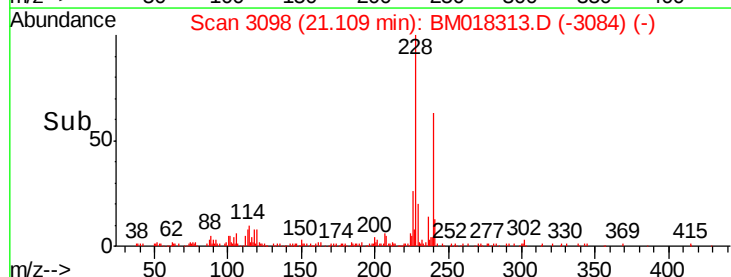
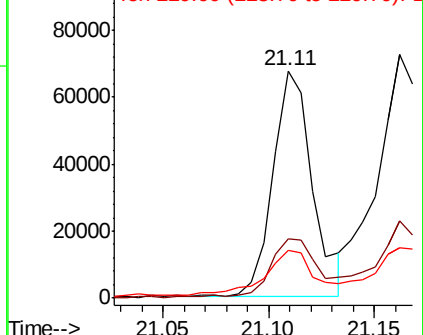
229 21.1 15.5 23.3

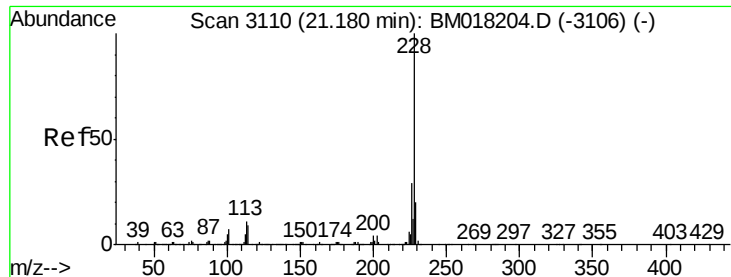


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 3.875 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

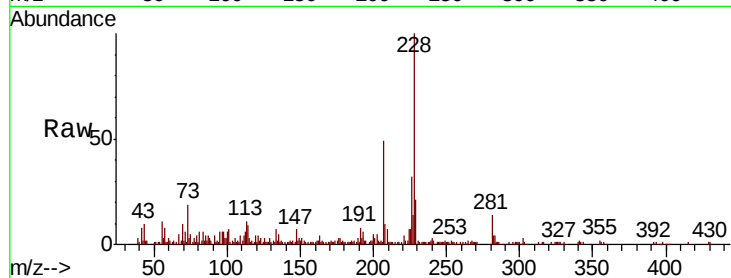
Tgt Ion: 228 Resp: 105914

Ion Ratio Lower Upper

228 100

226 31.8 23.1 34.7

229 20.8 15.8 23.6

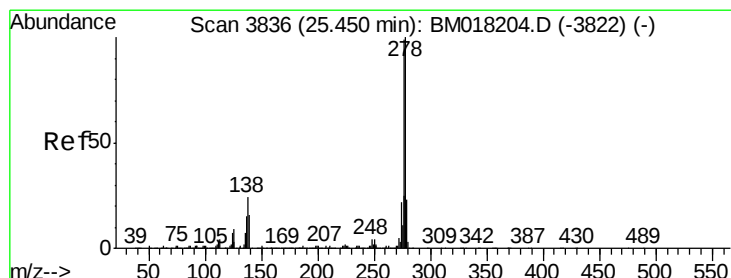
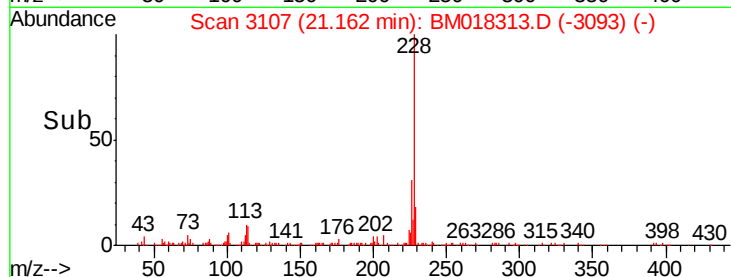
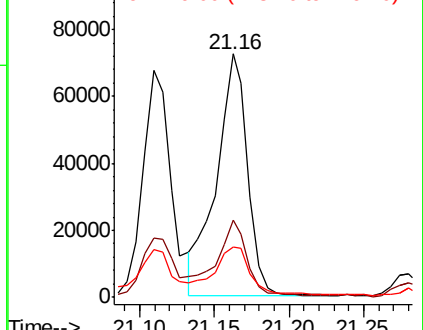


Abundance

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: 4.433 ng

RT: 25.41 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

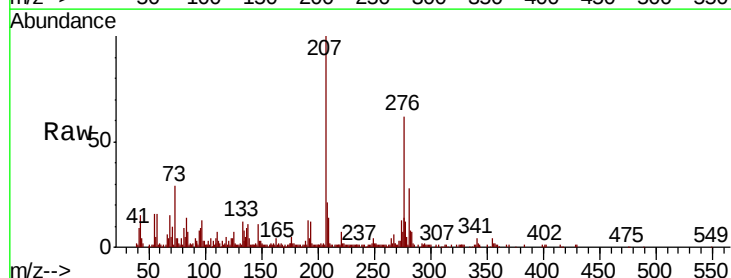
Tgt Ion: 276 Resp: 120697

Ion Ratio Lower Upper

276 100

138 18.8 18.6 28.0

277 25.7 20.3 30.5

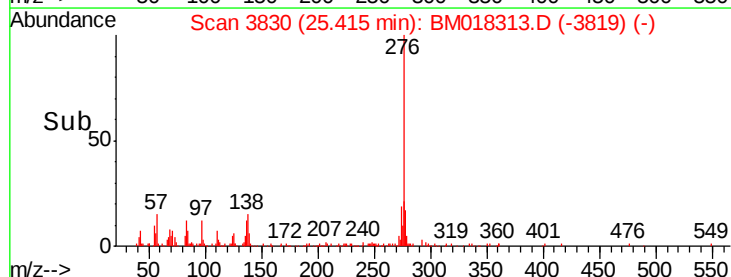
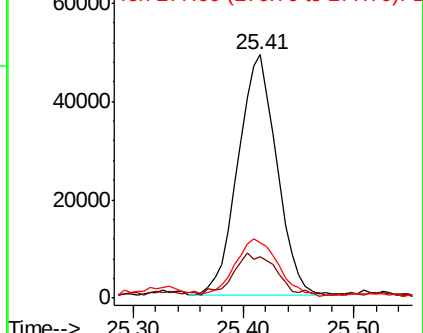


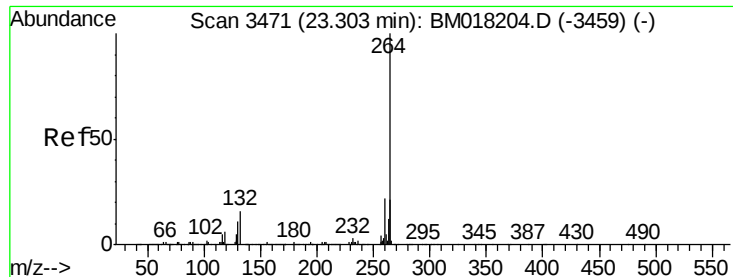
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

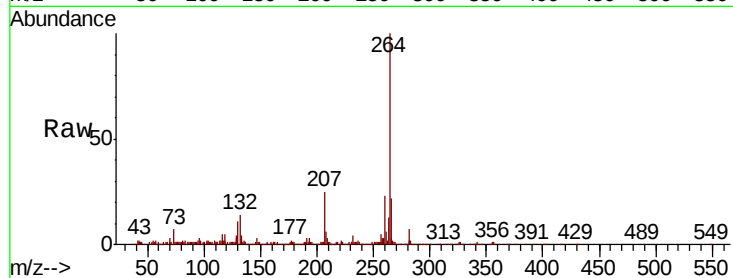
Tgt Ion:264 Resp: 542169

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 21.9 17.3 25.9

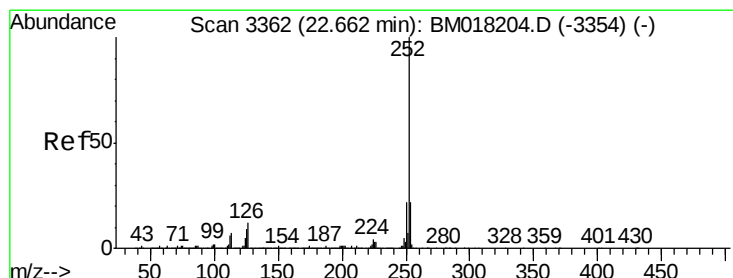
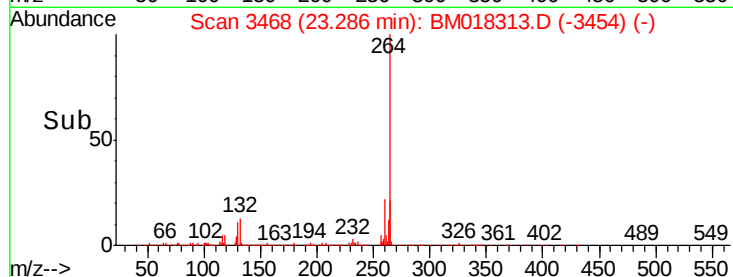
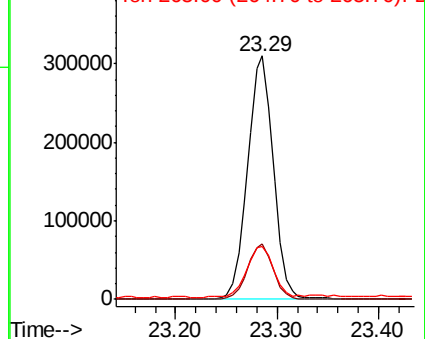


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 6.800 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

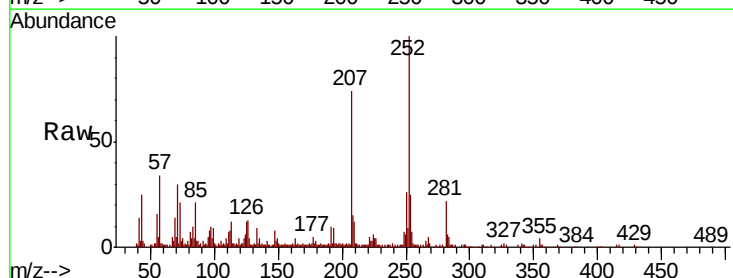
Tgt Ion:252 Resp: 207100

Ion Ratio Lower Upper

252 100

253 25.1 17.6 26.4

125 11.7 7.4 11.0#

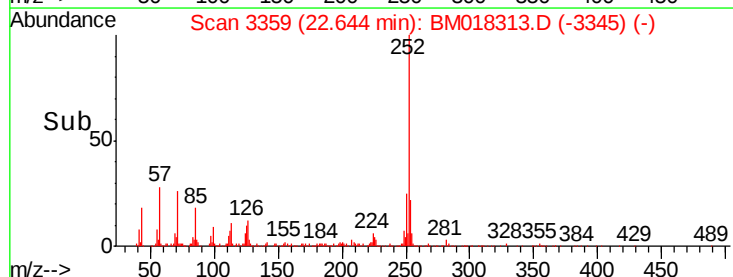
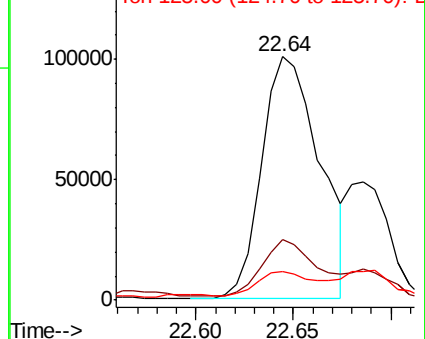


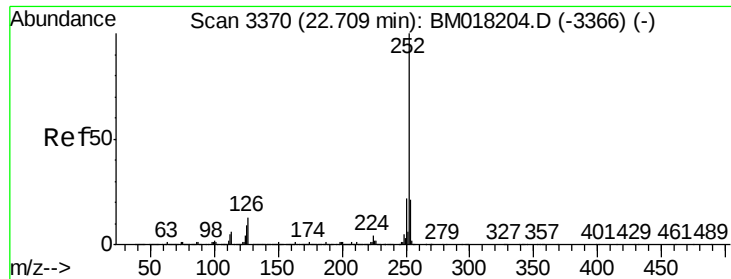
Abundance

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: 6.815 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

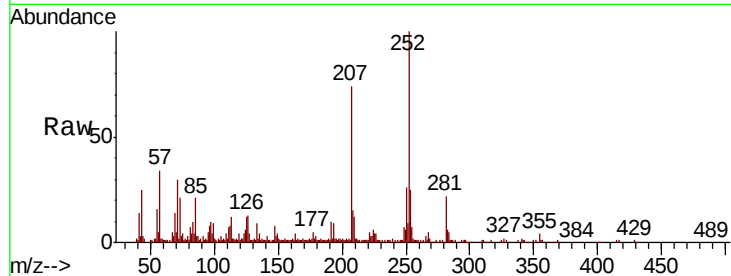
Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

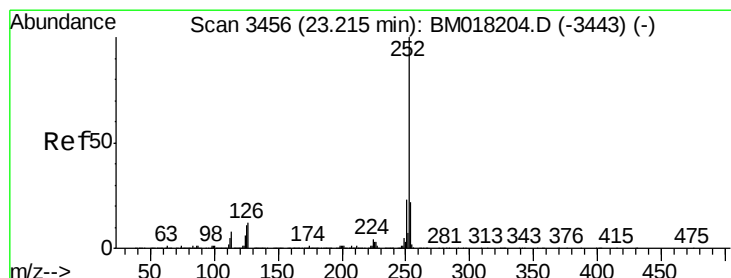
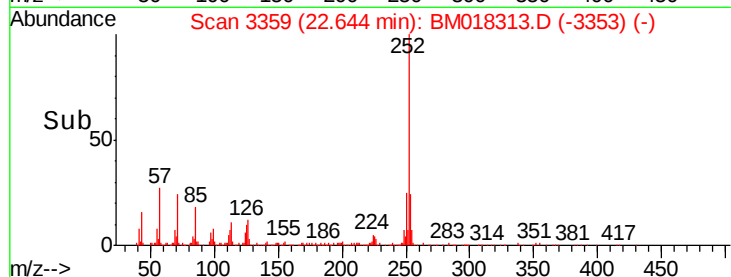
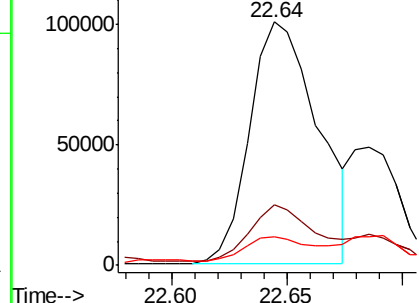
Tgt Ion:	252	Resp:	206705
Ion Ratio	Lower	Upper	
252	100		
253	25.1	16.9	25.3
125	11.7	7.5	11.3#



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: 4.332 ng

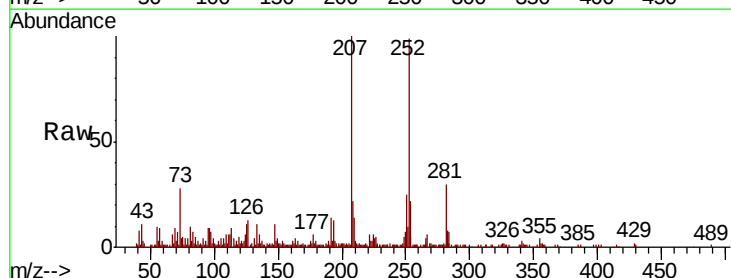
RT: 23.19 min Scan# 3452

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

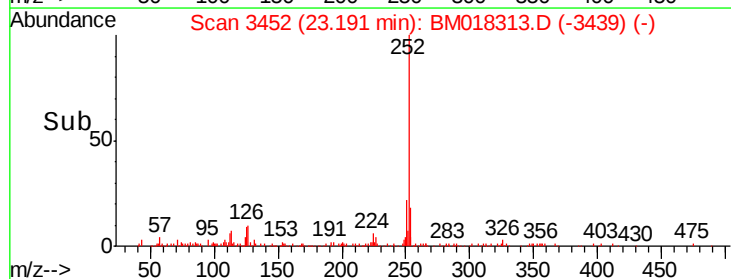
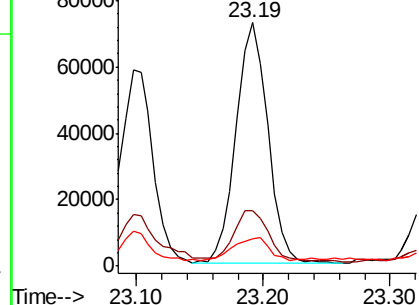
Tgt Ion:	252	Resp:	125485
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	11.1	8.6	12.8

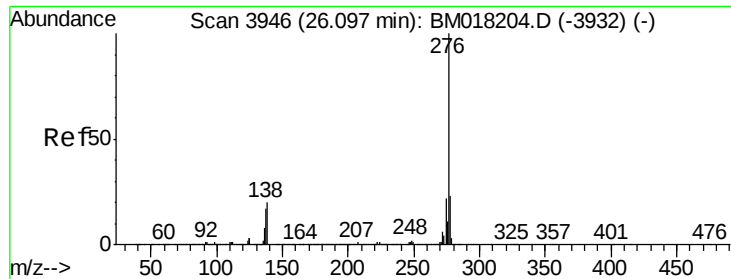


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.990 ng

RT: 26.06 min Scan# 3940

Delta R.T. -0.04 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

Tgt Ion: 276 Resp: 126563

Ion Ratio Lower Upper

276 100

277 24.8 18.7 28.1

138 17.3 15.8 23.8

