

Data File : BM018527.D
Acq On : 11 Jan 2019 02:17
Operator : JU/SJ
Sample : K1099-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-21

Quant Time: Jan 11 03:32:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	710774	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2851763	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1512129	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2863633	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2224595	20.00	ng	0.00
87) Perylene-d12	23.65	264	2294348	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	5460872	141.87	ng	0.00
7) Phenol-d6	6.95	99	7128846	145.81	ng	0.01
23) Nitrobenzene-d5	8.93	82	4429964	90.05	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2465955	128.08	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	8826735	76.17	ng	0.00
79) Terphenyl-d14	19.79	244	8126209	77.00	ng	0.00

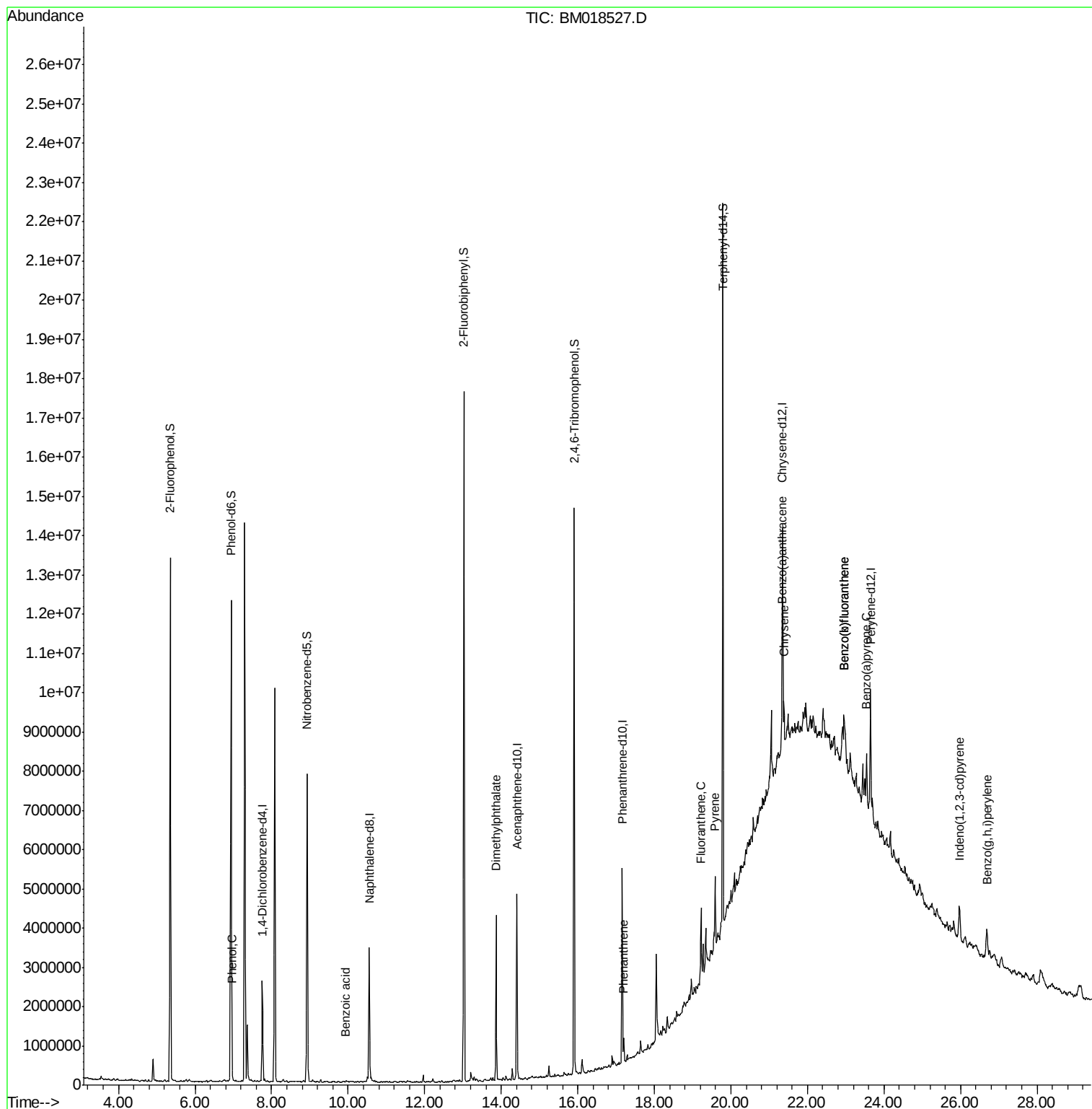
Target Compounds				Qvalue		
10) Phenol	6.97	94	123768	2.491	ng	96
32) Benzoic acid	9.93	122	360	6.515	ng	# 1
50) Dimethylphthalate	13.87	163	2733156	22.008	ng	99
71) Phenanthrene	17.20	178	362071	2.377	ng	99
75) Fluoranthene	19.22	202	938537	5.344	ng	96
78) Pyrene	19.59	202	1092949	8.289	ng	98
81) Benzo(a)anthracene	21.33	228	652169	4.976	ng	# 89
83) Chrysene	21.39	228	677703	5.355	ng	# 92
86) Indeno(1,2,3-cd)pyrene	25.97	276	862904	5.913	ng	# 90
88) Benzo(b)fluoranthene	22.96	252	1096780	8.420	ng	# 88
89) Benzo(k)fluoranthene	22.96	252	1082683	8.248	ng	# 87
90) Benzo(a)pyrene	23.54	252	805909	6.463	ng	# 88
92) Benzo(g,h,i)perylene	26.69	276	870707	7.081	ng	98

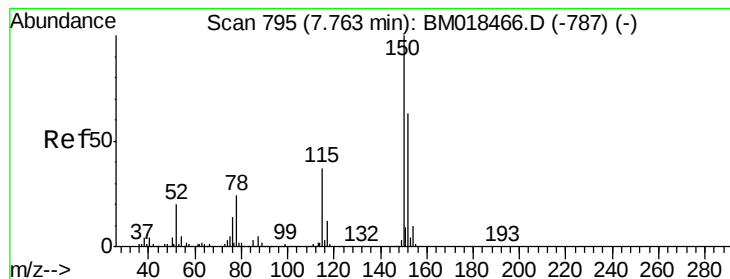
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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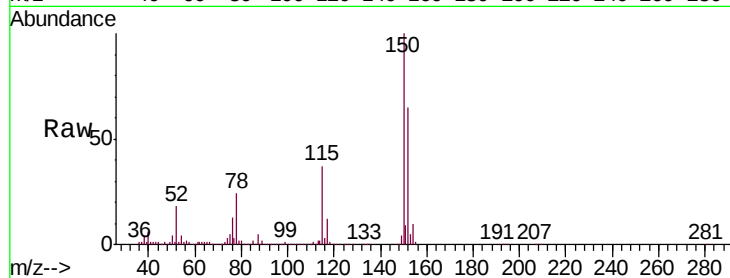


#1

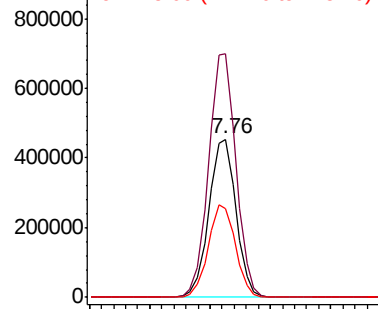
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

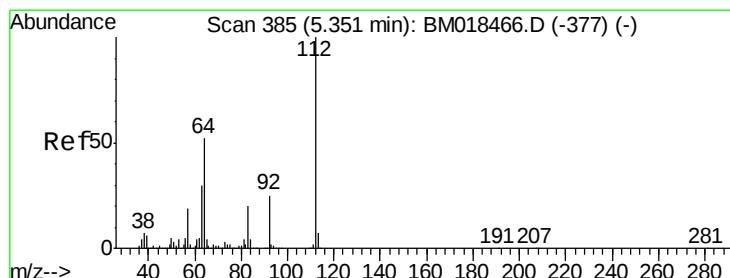
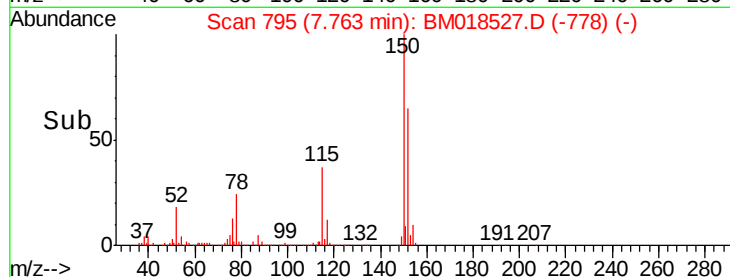
Tgt Ion:152 Resp: 710774
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 56.3 45.5 68.3



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



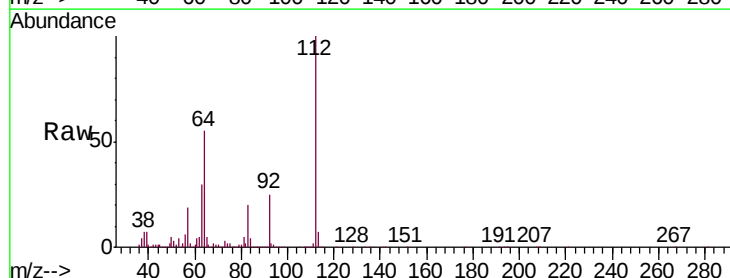
Time--> 7.65 7.70 7.75 7.80 7.85



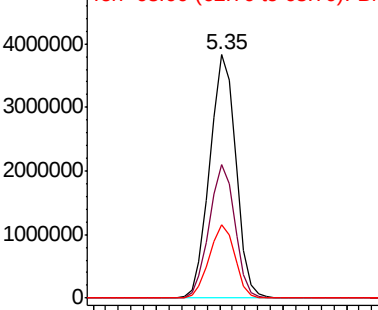
#5

2-Fluorophenol
Concen: 141.866 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

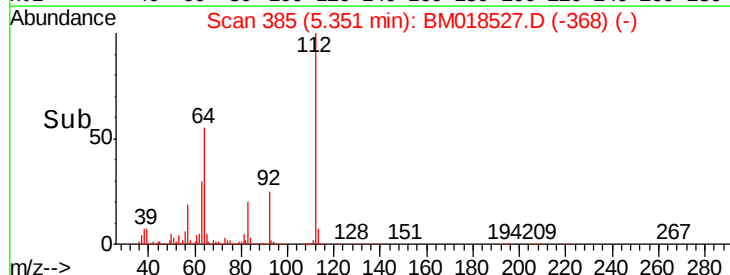
Tgt Ion:112 Resp: 5460872
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 30.2 25.2 37.8

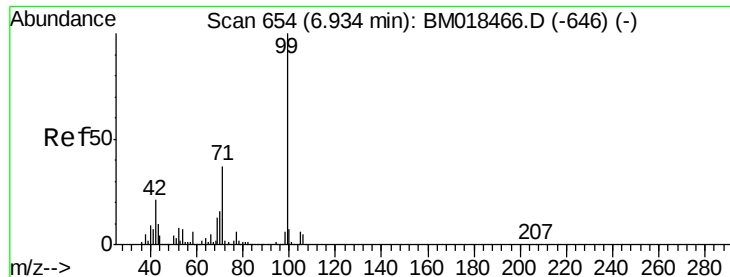


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time--> 5.25 5.30 5.35 5.40 5.45





#7

Phenol-d6

Concen: 145.811 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampled :

TP-21

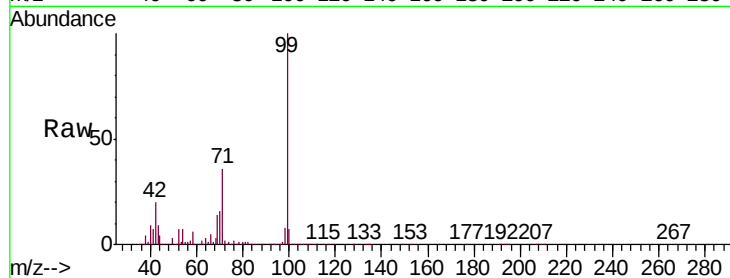
Tgt Ion: 99 Resp: 7128846

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

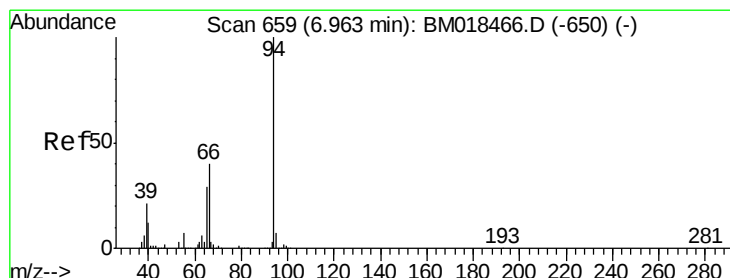
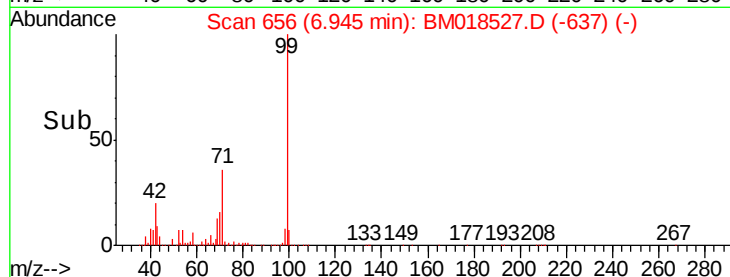
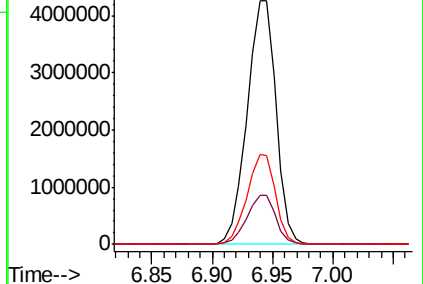
71 36.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.491 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

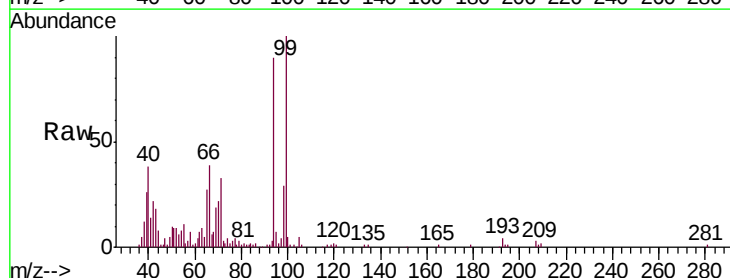
Tgt Ion: 94 Resp: 123768

Ion Ratio Lower Upper

94 100

65 30.0 9.4 49.4

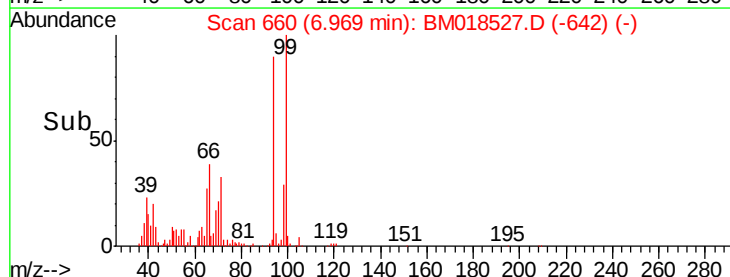
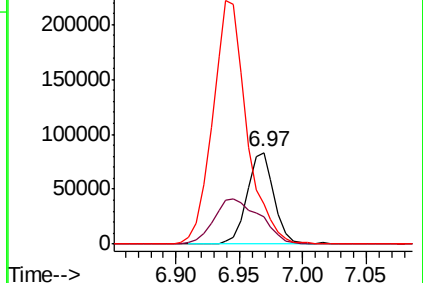
66 43.4 19.1 59.1

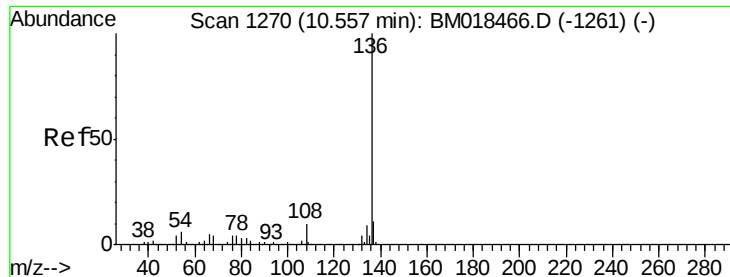


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)



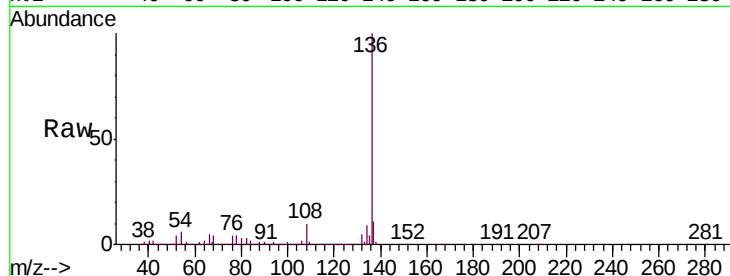


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

Tgt Ion: 136 Resp: 2851763

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.5	4.5	6.7



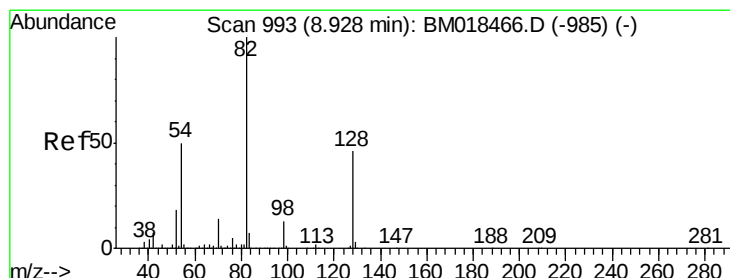
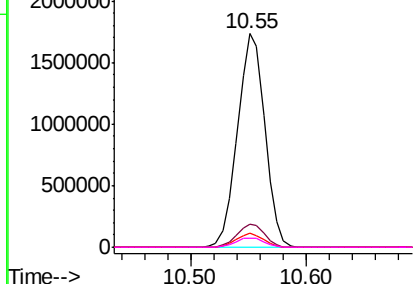
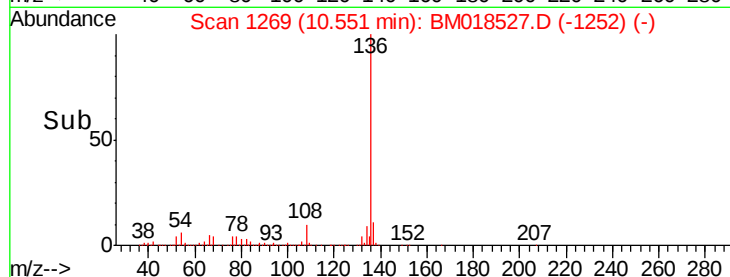
Abundance

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

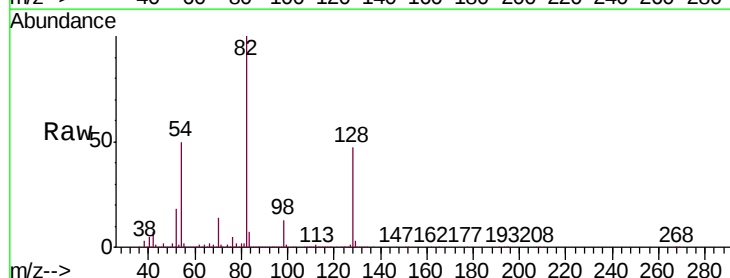
Ion 68.00 (67.70 to 68.70): BM



#23
Nitrobenzene-d5
Concen: 90.053 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion: 82 Resp: 4429964

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	50.4	41.7	62.5

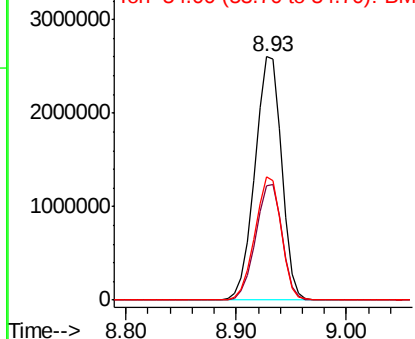
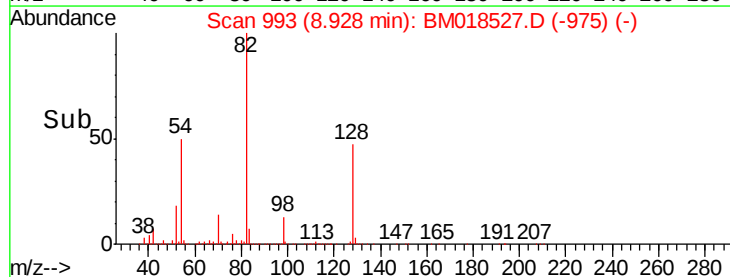


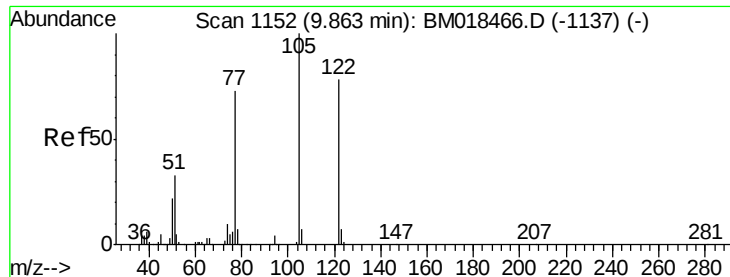
Abundance

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

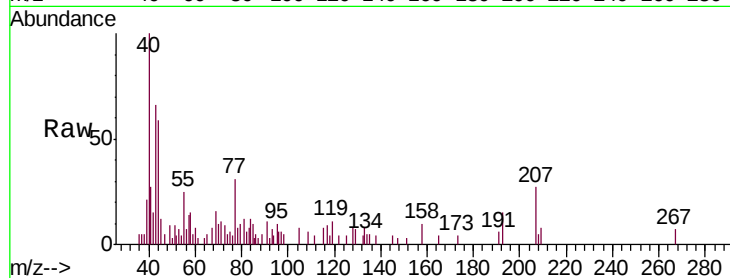




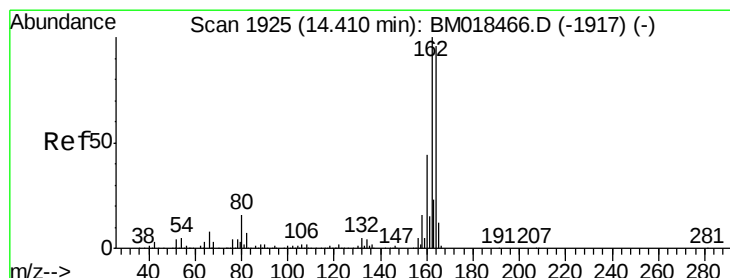
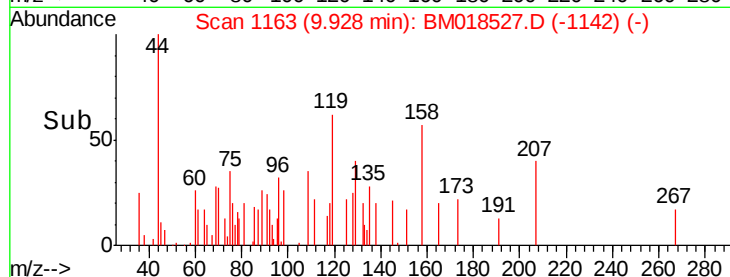
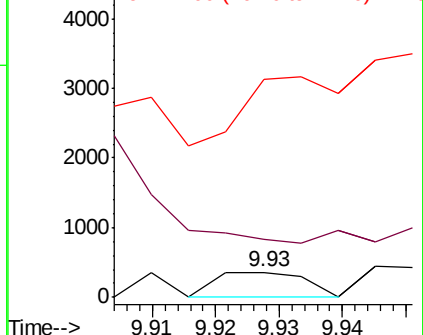
#32
Benzoic acid
Concen: 6.515 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleID :
TP-21

Tgt Ion:122 Resp: 360
Ion Ratio Lower Upper
122 100
105 230.2 100.4 140.4#
77 867.9 71.7 111.7#

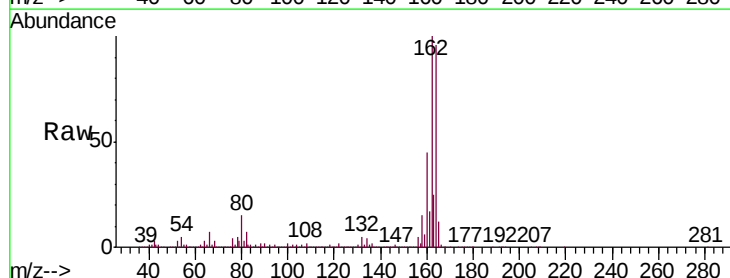


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

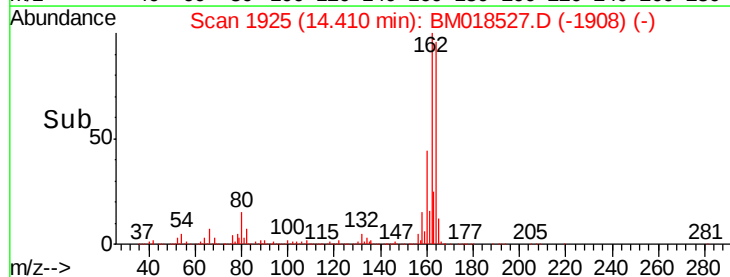
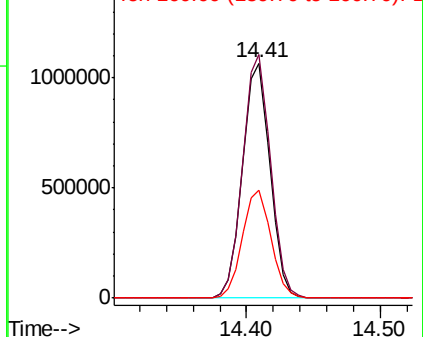


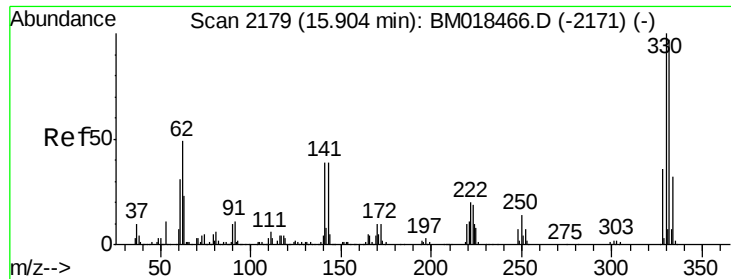
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion:164 Resp: 1512129
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 46.2 37.1 55.7



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

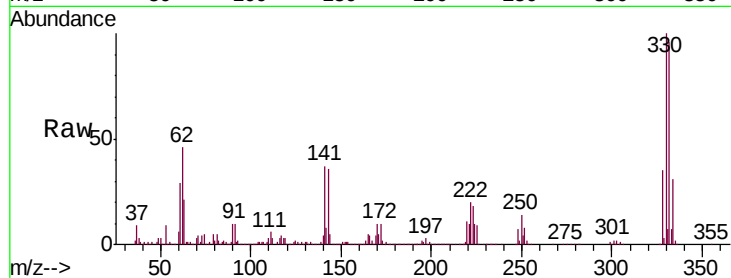




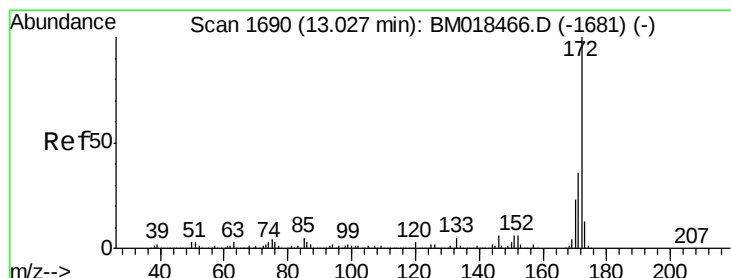
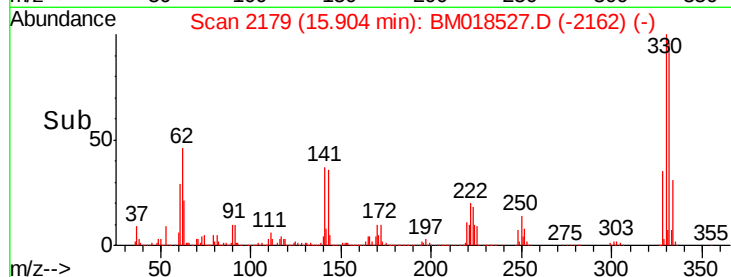
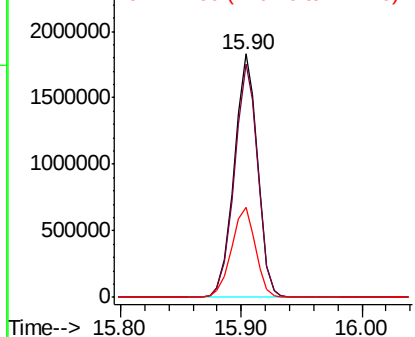
#42
 2,4,6-Tribromophenol
 Concen: 128.077 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

Instrument :
 BNA_M
 ClientSampled :
 TP-21

Tgt Ion:330 Resp: 2465955
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 37.7 31.7 47.5

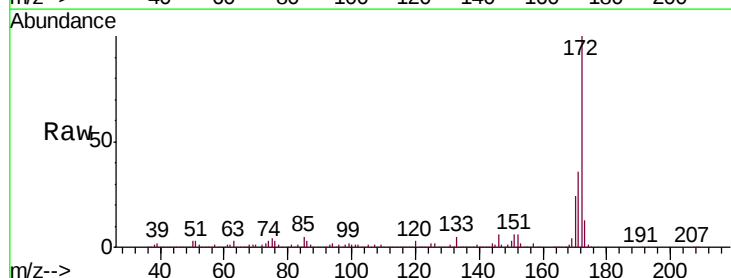


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

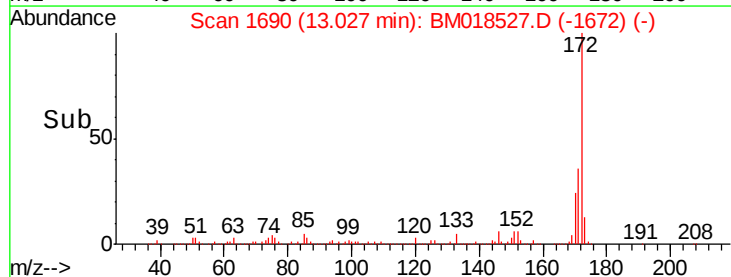
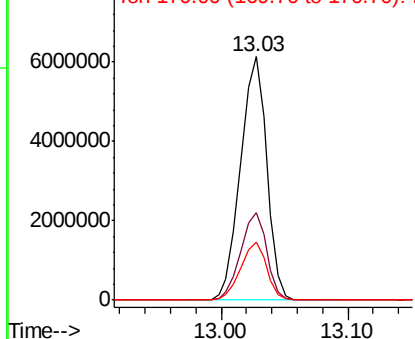


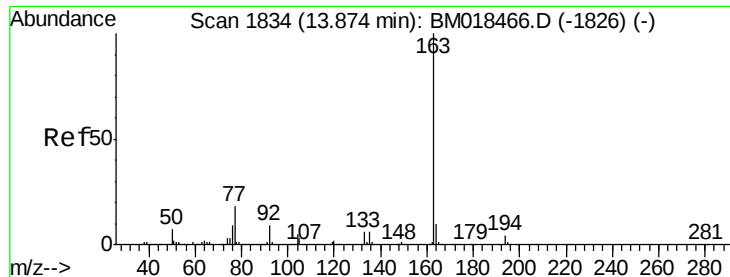
#45
 2-Fluorobiphenyl
 Concen: 76.169 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

Tgt Ion:172 Resp: 8826735
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.2 42.4
 170 23.9 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 22.008 ng

RT: 13.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

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BNA_M

ClientSampleId :

TP-21

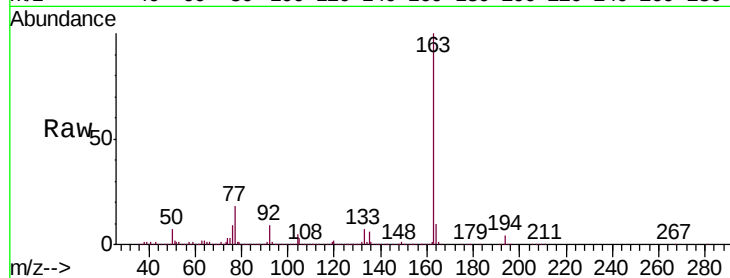
Tgt Ion:163 Resp: 2733156

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

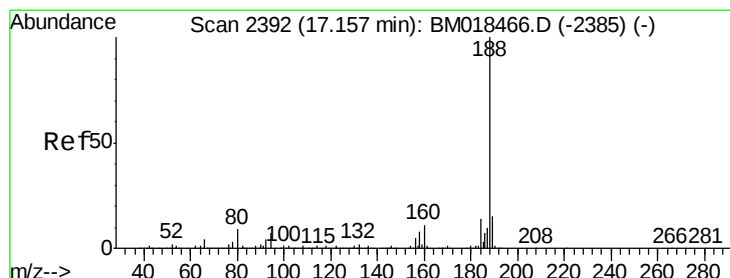
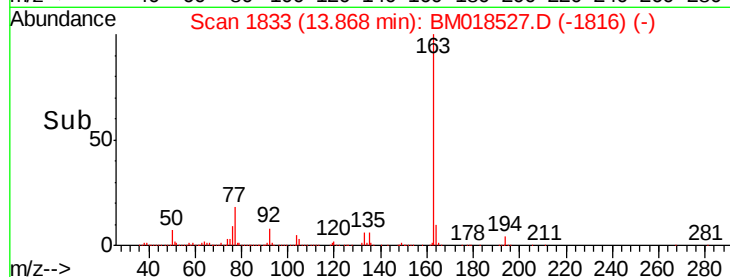
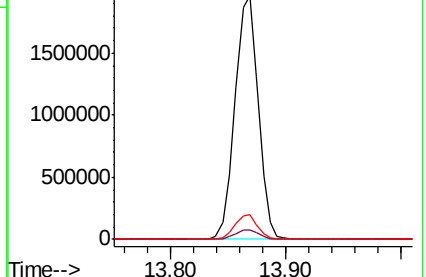
164 10.1 7.8 11.8



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: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

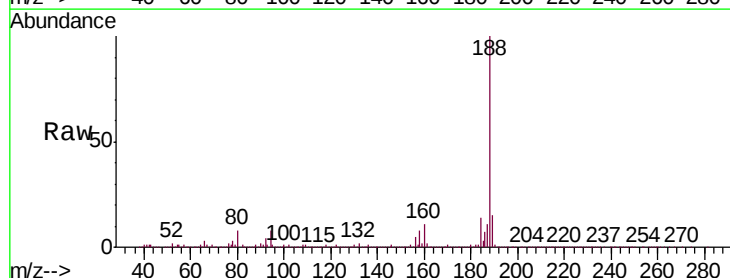
Tgt Ion:188 Resp: 2863633

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

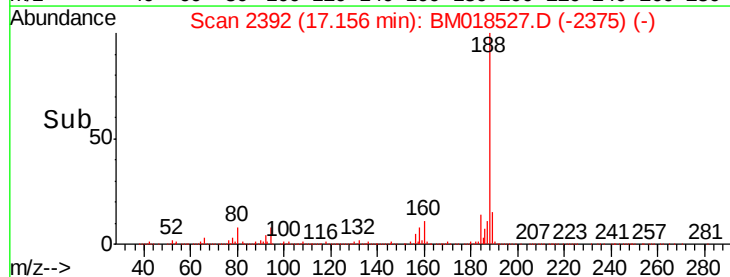
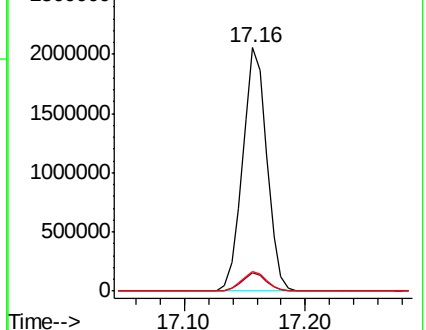
80 8.2 7.6 11.4

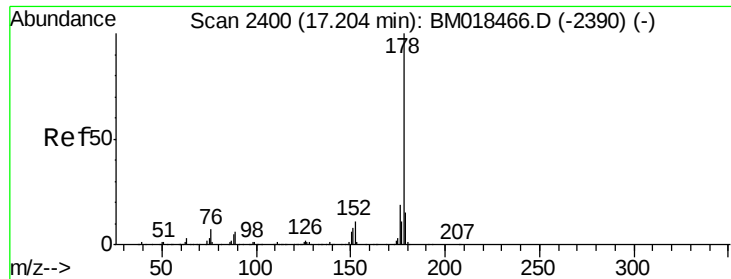


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 2.377 ng

RT: 17.20 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampleId :

TP-21

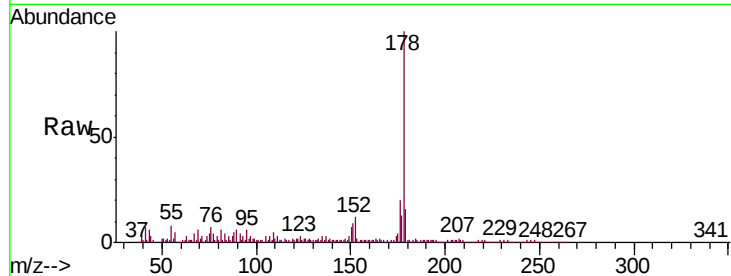
Tgt Ion:178 Resp: 362071

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

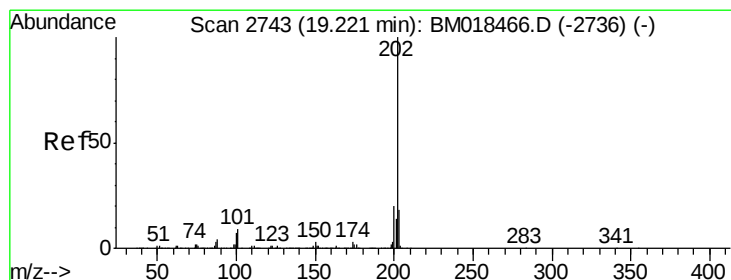
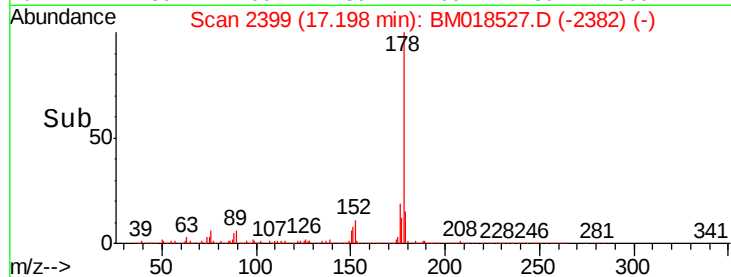
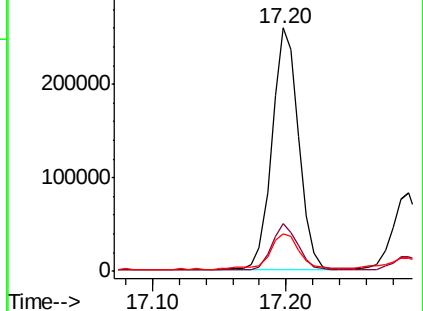
179 15.6 12.2 18.4



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



#75

Fluoranthene

Concen: 5.344 ng

RT: 19.22 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

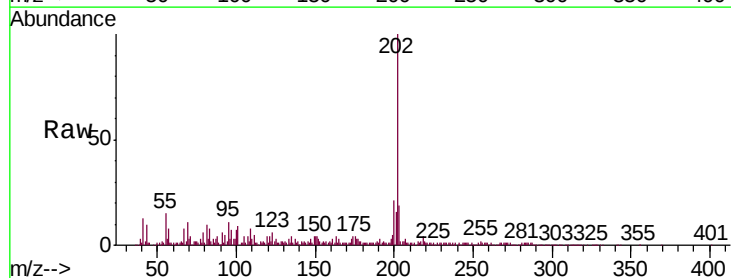
Tgt Ion:202 Resp: 938537

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.9

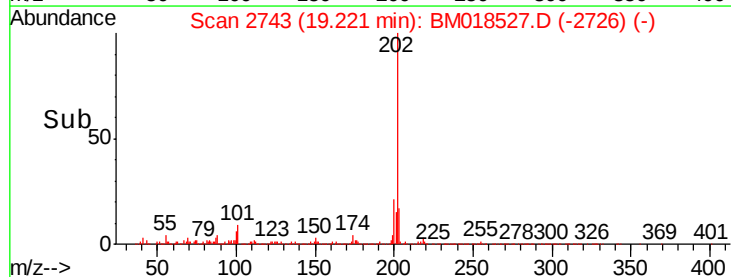
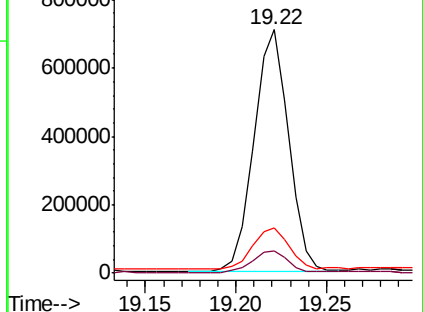
203 18.7 0.0 37.4

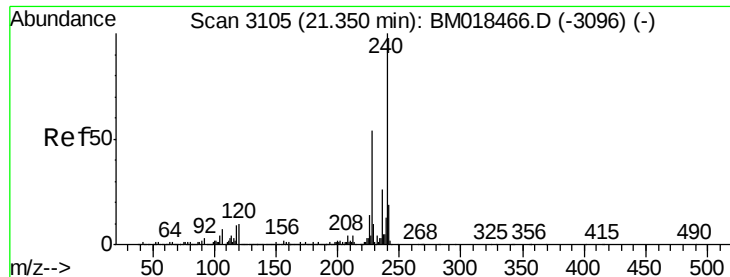


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

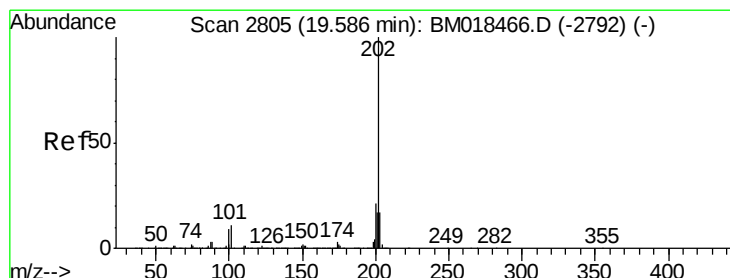
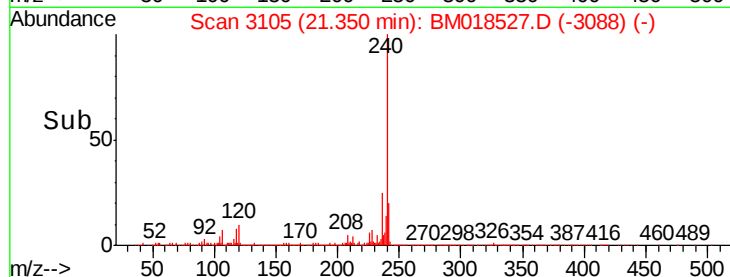
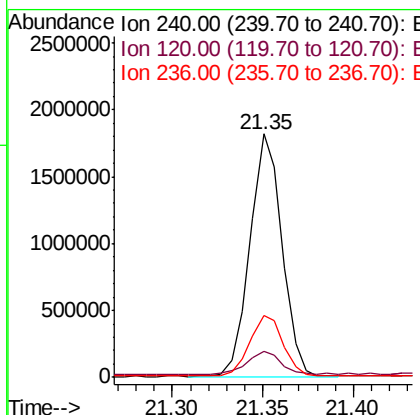
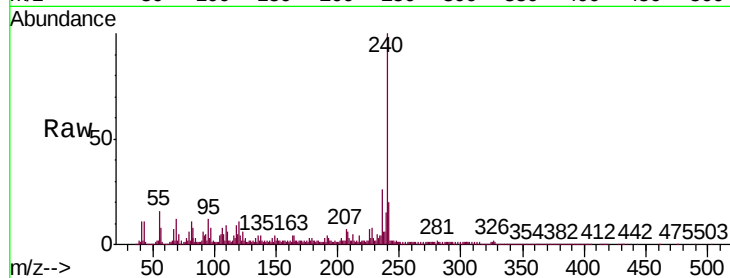




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

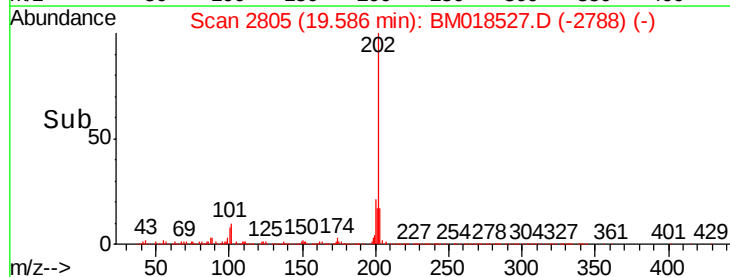
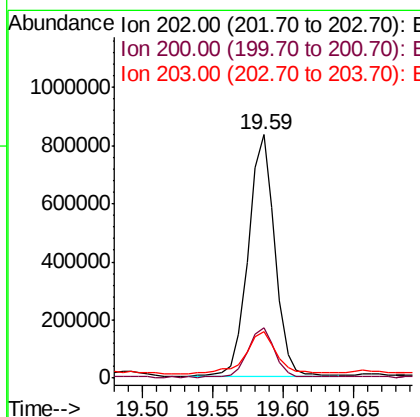
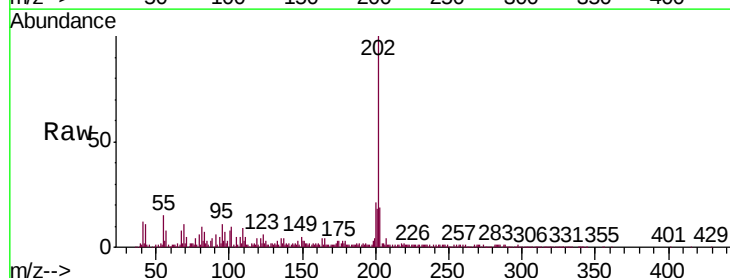
Instrument :
BNA_M
ClientSampleId :
TP-21

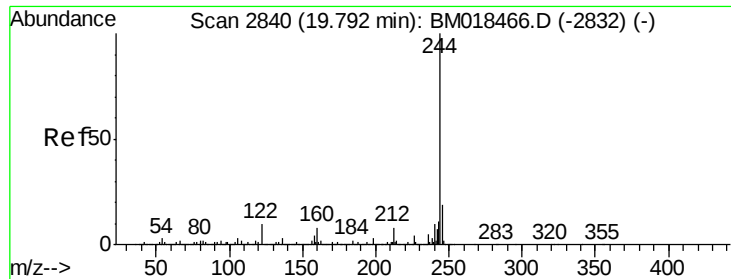
Tgt Ion:240 Resp: 2224595
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.5 20.7 31.1



#78
Pyrene
Concen: 8.289 ng
RT: 19.59 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion:202 Resp: 1092949
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.0 13.8 20.8

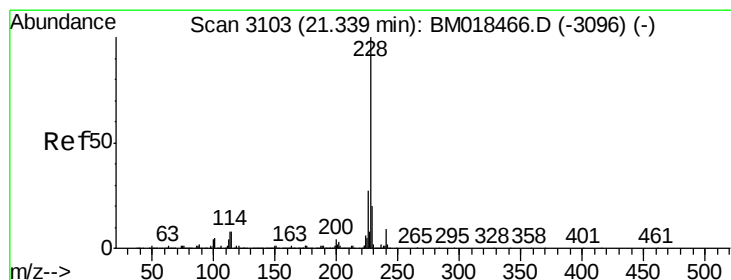
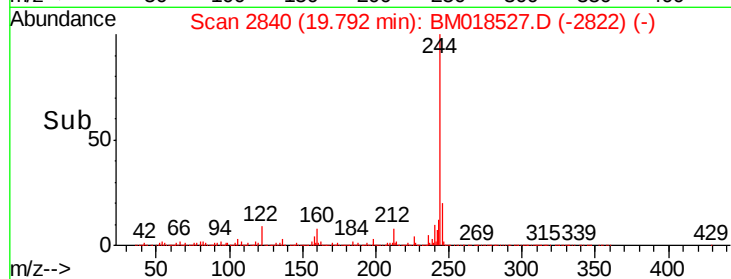
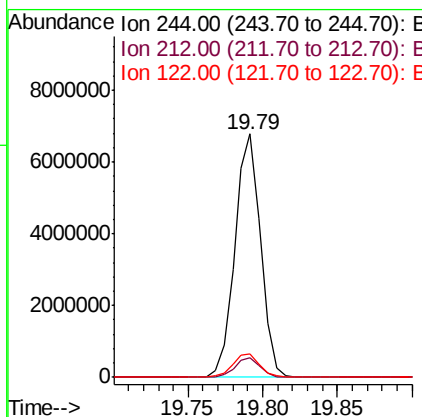
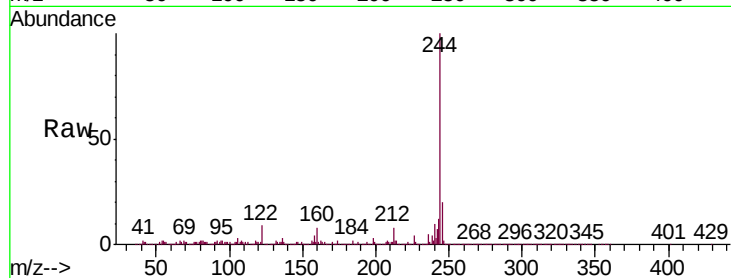




#79
 Terphenyl-d14
 Concen: 77.004 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

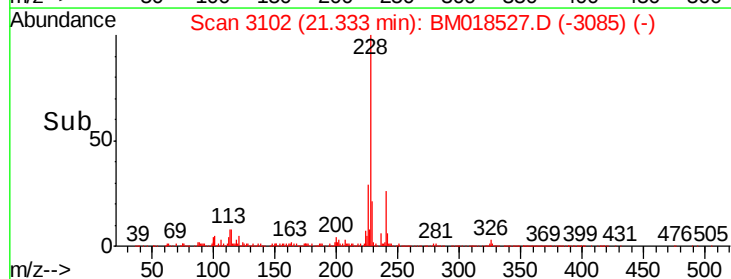
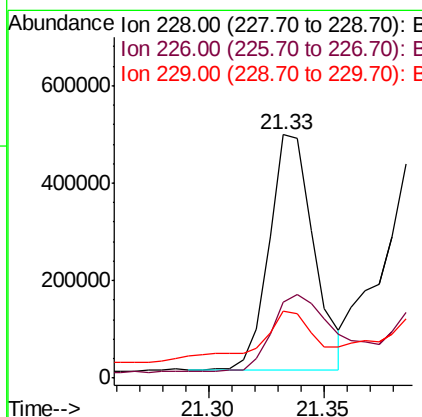
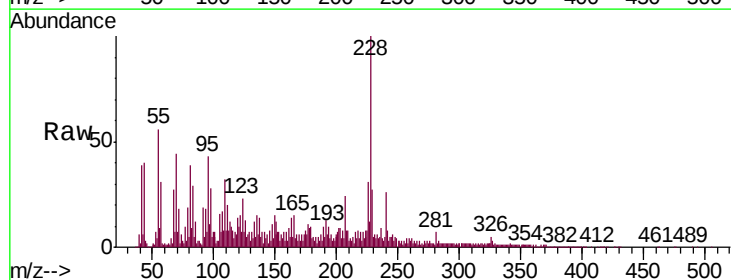
Instrument :
 BNA_M
 ClientSampleId :
 TP-21

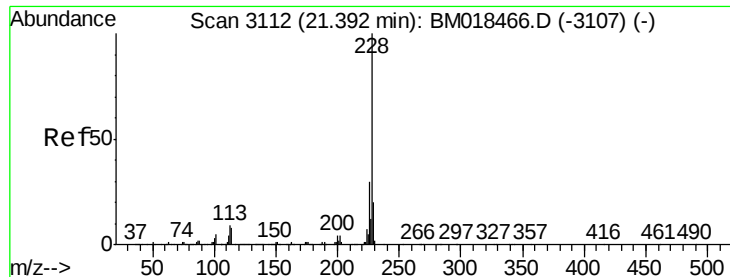
Tgt Ion:244 Resp: 8126209
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 9.4 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 4.976 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

Tgt Ion:228 Resp: 652169
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.8 32.6
 229 27.3 15.8 23.8#





#83

Chrysene

Concen: 5.355 ng

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampleId :

TP-21

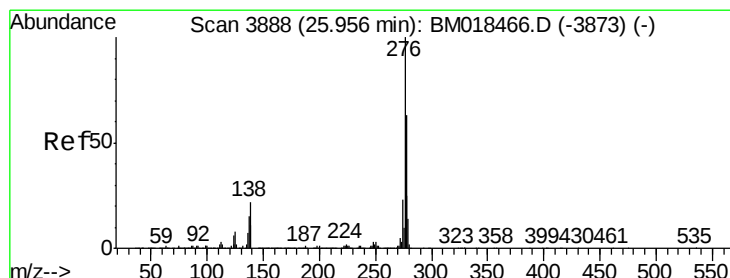
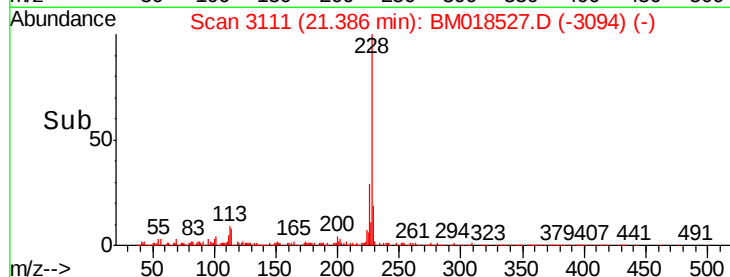
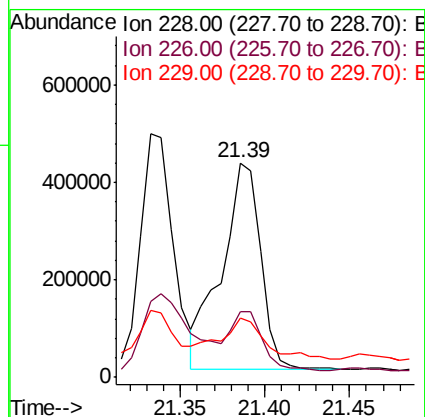
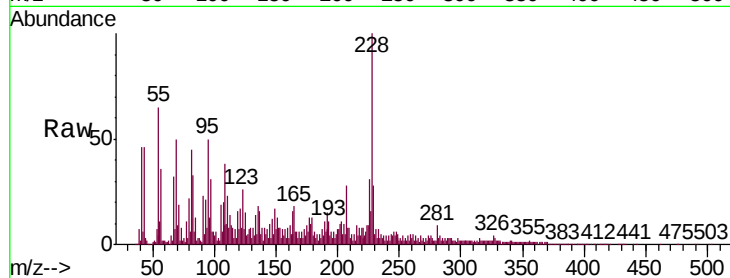
Tgt Ion:228 Resp: 677703

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 27.7 15.6 23.4#



#86

Indeno(1,2,3-cd)pyrene

Concen: 5.913 ng

RT: 25.97 min Scan# 3891

Delta R.T. 0.03 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

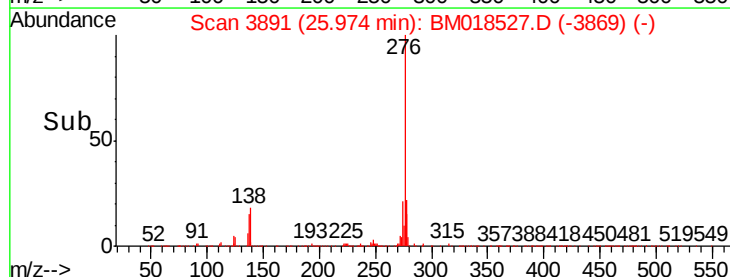
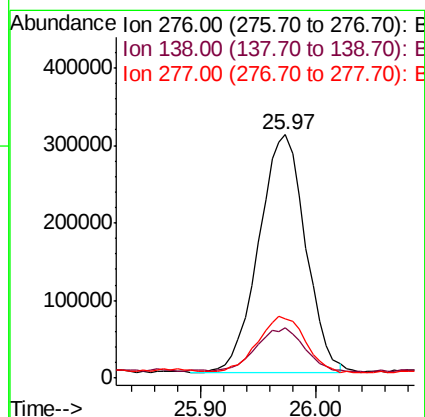
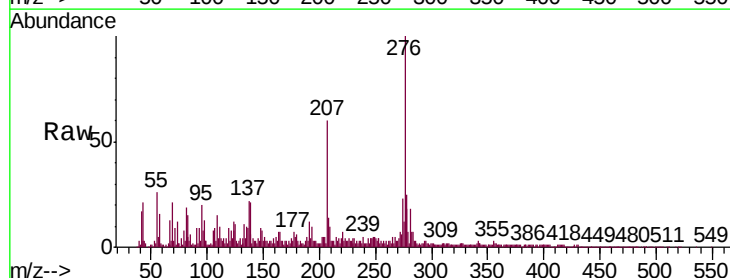
Tgt Ion:276 Resp: 862904

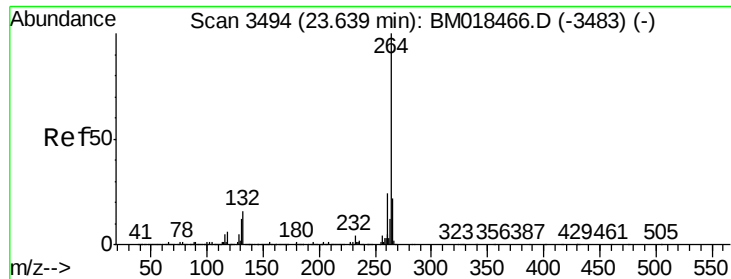
Ion Ratio Lower Upper

276 100

138 18.2 21.5 32.3#

277 23.5 20.2 30.2

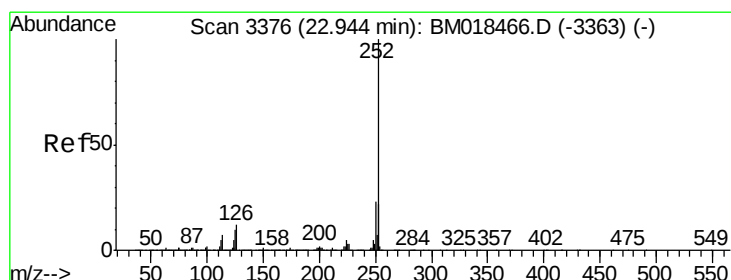
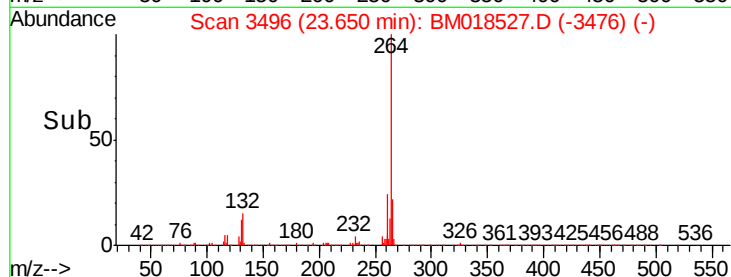
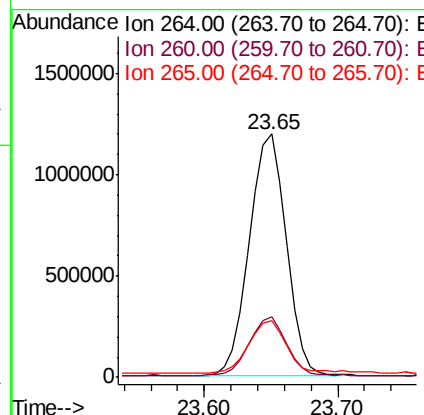
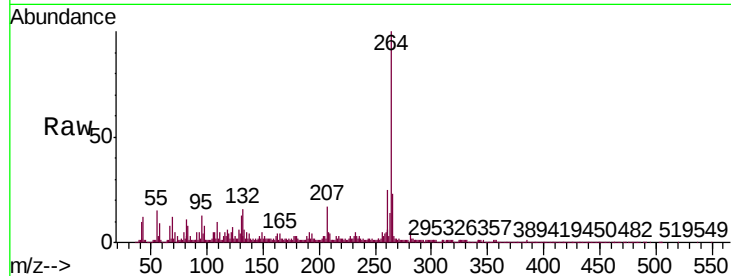




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

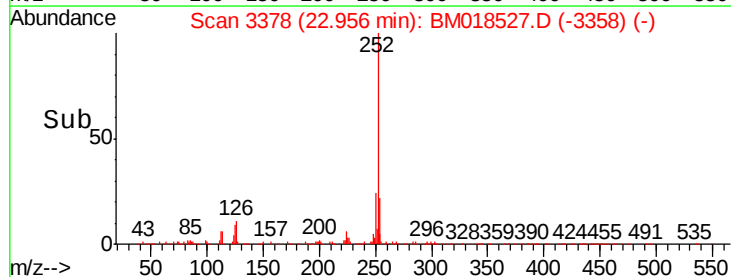
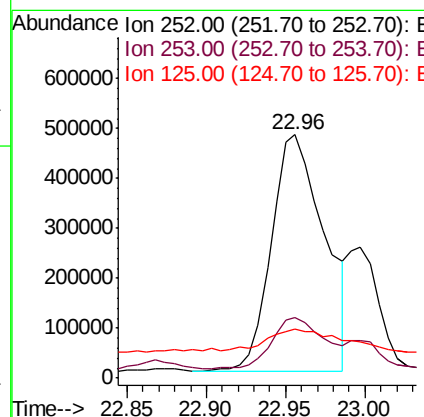
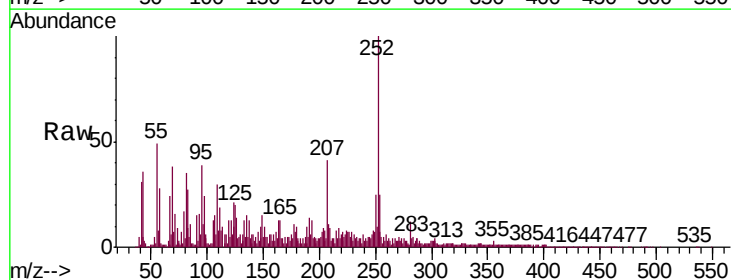
Instrument :
BNA_M
ClientSampleId :
TP-21

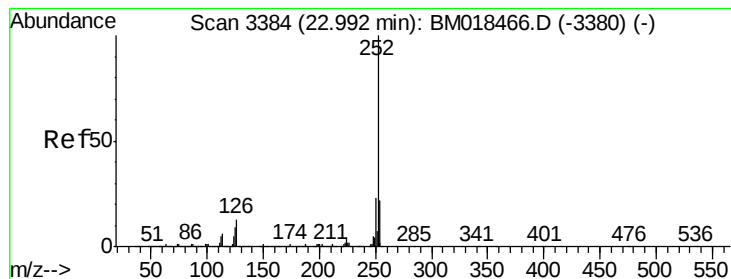
Tgt Ion:264 Resp: 2294348
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 23.2 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 8.420 ng
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion:252 Resp: 1096780
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 20.0 8.5 12.7#





#89

Benzo(k)fluoranthene

Concen: 8.248 ng

RT: 22.96 min Scan# 3378

Delta R.T. -0.03 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampleId :

TP-21

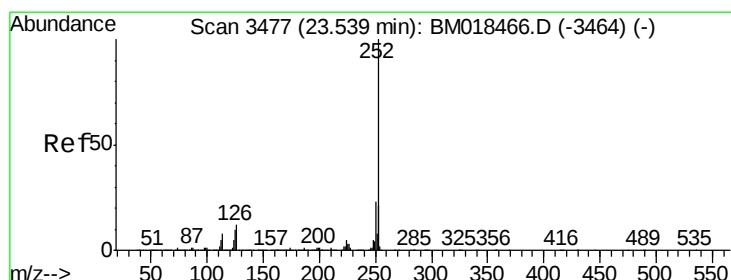
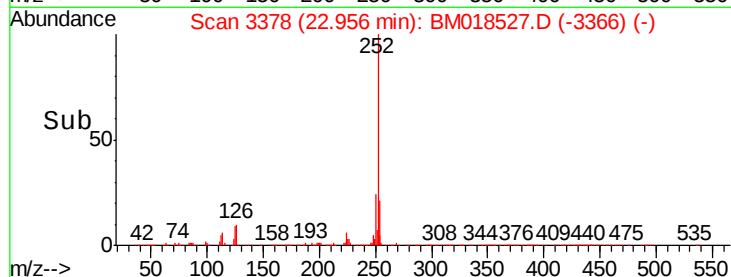
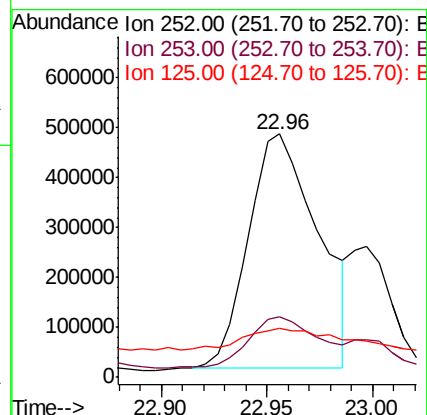
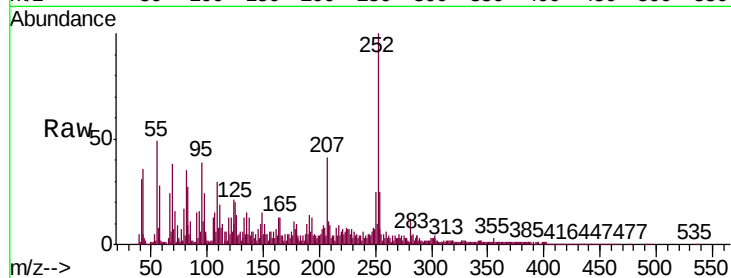
Tgt Ion:252 Resp: 1082683

Ion Ratio Lower Upper

252 100

253 25.0 17.4 26.0

125 20.0 8.6 12.8#



#90

Benzo(a)pyrene

Concen: 6.463 ng

RT: 23.54 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

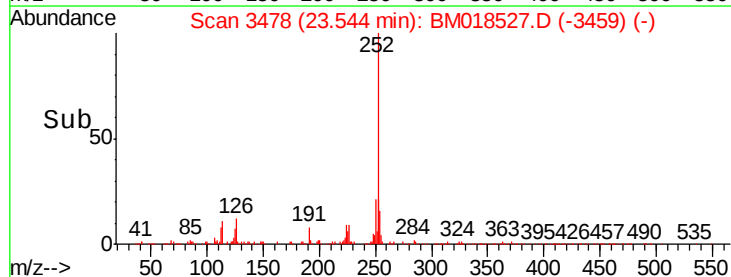
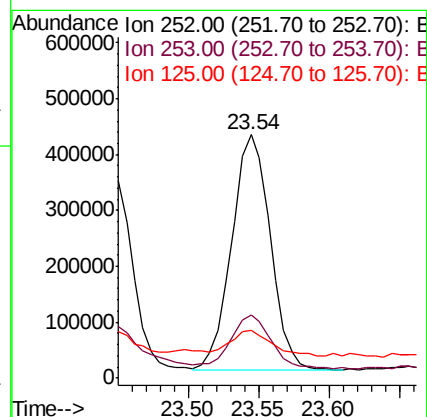
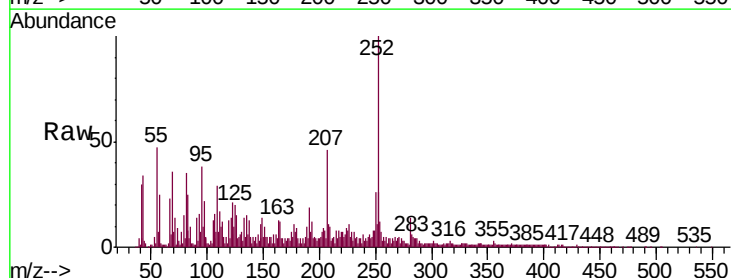
Tgt Ion:252 Resp: 805909

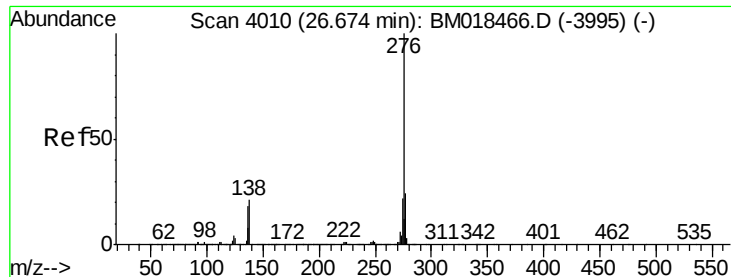
Ion Ratio Lower Upper

252 100

253 26.0 17.5 26.3

125 19.5 9.7 14.5#





#92

Benzo(g,h,i)perylene

Concen: 7.081 ng

RT: 26.69 min Scan# 4013

Delta R.T. 0.04 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampleId :

TP-21

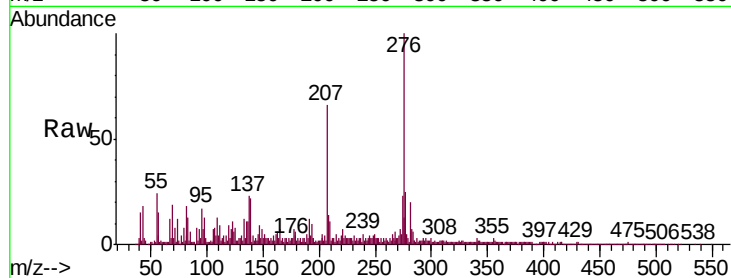
Tgt Ion: 276 Resp: 870707

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 21.7 18.1 27.1



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

