

Data File : BM018610.D
Acq On : 17 Jan 2019 12:48
Operator : JU/SJ
Sample : K1149-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Quant Time: Jan 18 04:40:32 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

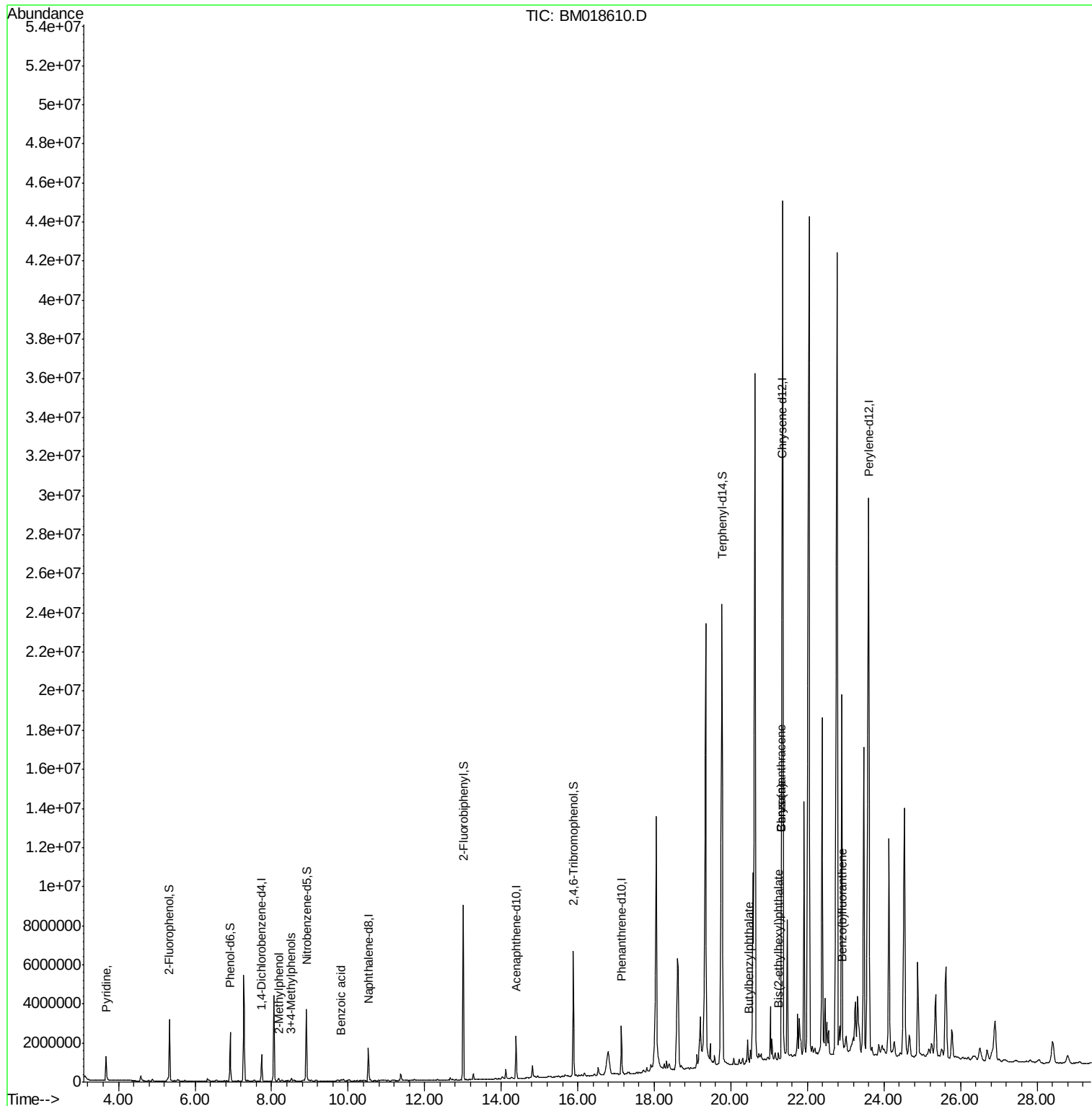
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	351464	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1397212	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	741085	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1456320	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1544012	20.00	ng	-0.02
87) Perylene-d12	23.61	264	1425362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1263140	66.36	ng	-0.02
7) Phenol-d6	6.92	99	1325191	54.82	ng	-0.02
23) Nitrobenzene-d5	8.91	82	1974831	81.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	1153033	122.19	ng	-0.02
45) 2-Fluorobiphenyl	13.01	172	4774227	84.06	ng	-0.01
79) Terphenyl-d14	19.77	244	6212235	84.82	ng	-0.01
Target Compounds						
3) Pyridine	3.68	79	655072	33.869	ng	Qvalue 96
17) 2-Methylphenol	8.19	107	37664	2.259	ng	97
20) 3+4-Methylphenols	8.52	107	53739	2.334	ng	87
32) Benzoic acid	9.82	122	21231	8.088	ng	97
80) Butylbenzylphthalate	20.47	149	84801	2.171	ng	94
81) Benzo(a)anthracene	21.32	228	216894	2.384	ng	97
83) Chrysene	21.32	228	209461	2.385	ng	97
84) Bis(2-ethylhexyl)phthalate	21.24	149	118360	2.099	ng	98
88) Benzo(b)fluoranthene	22.92	252	167012	2.064	ng	# 88

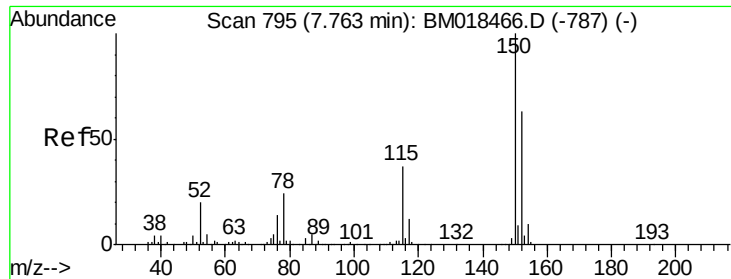
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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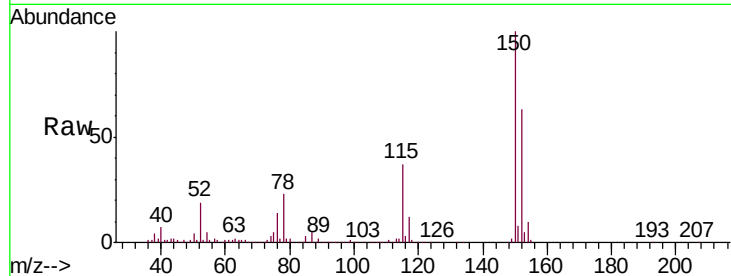


#1

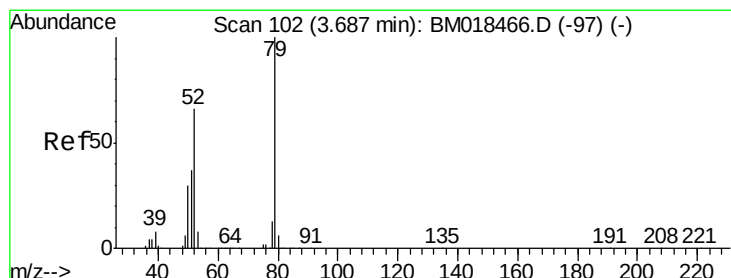
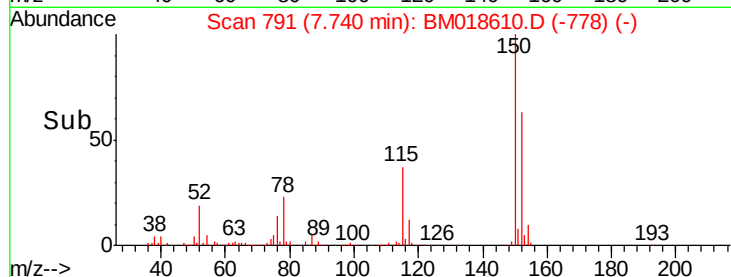
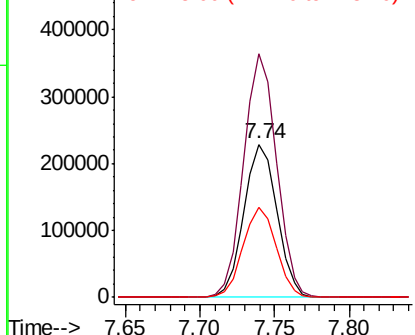
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Instrument :
BNA_M
ClientSampleId :
SW002-190114-01

Tgt Ion: 152 Resp: 351464
Ion Ratio Lower Upper
152 100
150 158.9 126.9 190.3
115 58.8 45.5 68.3



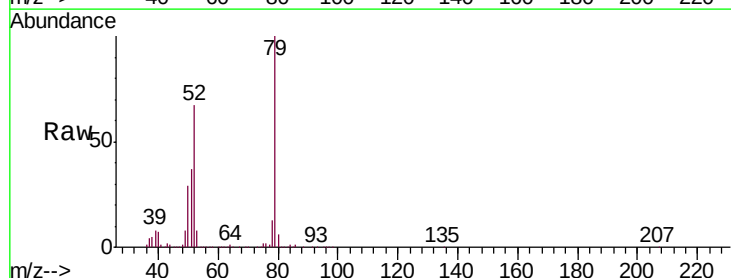
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



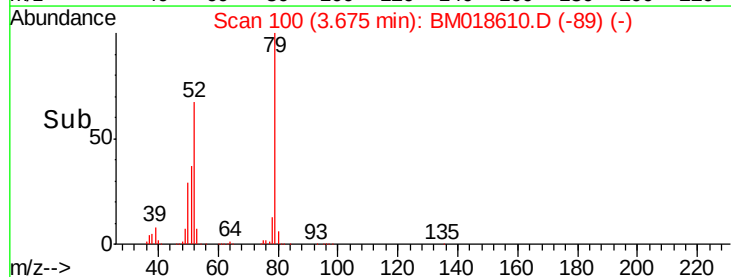
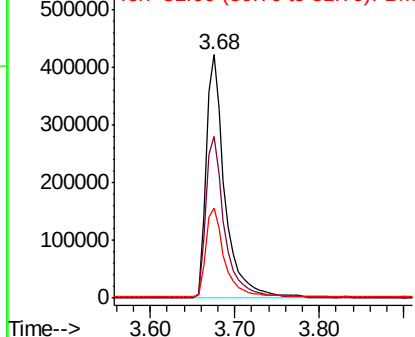
#3

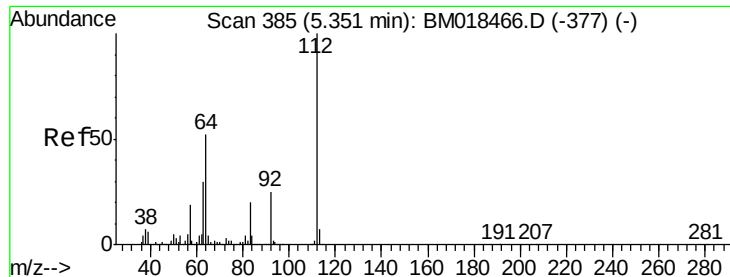
Pyridine
Concen: 33.869 ng
RT: 3.68 min Scan# 100
Delta R.T. -0.04 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion: 79 Resp: 655072
Ion Ratio Lower Upper
79 100
52 66.6 56.4 84.6
51 37.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 66.362 ng

RT: 5.33 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

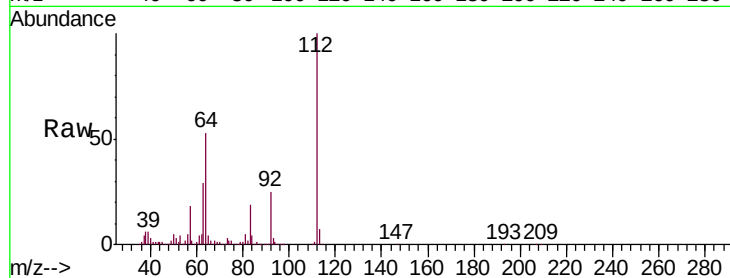
Tgt Ion: 112 Resp: 1263140

Ion Ratio Lower Upper

112 100

64 53.1 46.5 69.7

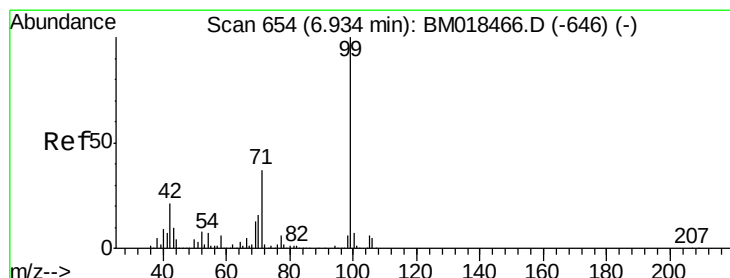
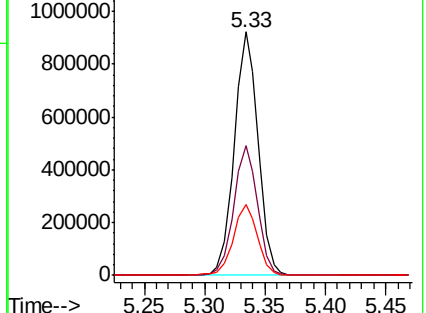
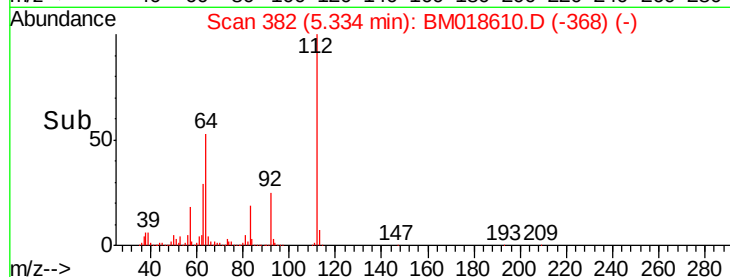
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 54.815 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

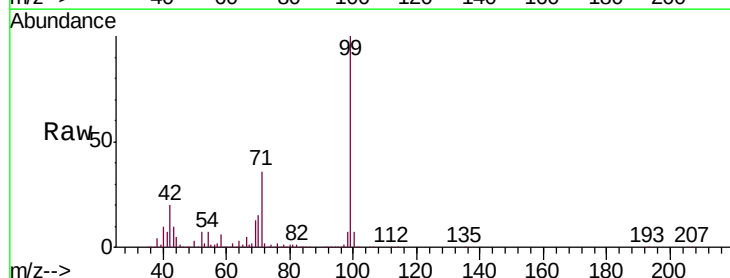
Tgt Ion: 99 Resp: 1325191

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

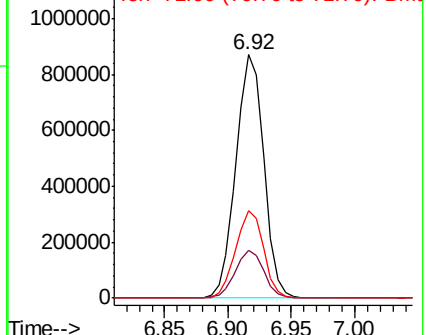
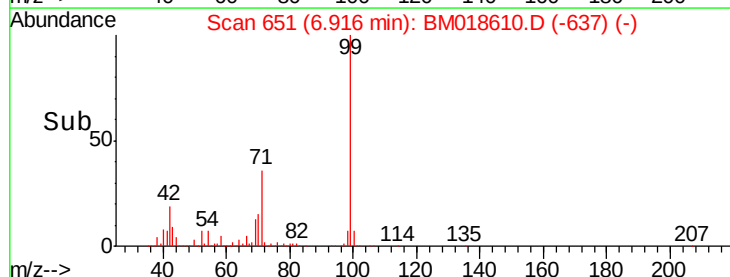
71 36.0 28.0 42.0

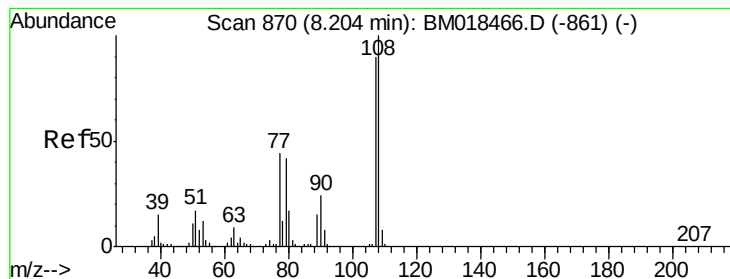


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#17

2-Methylphenol

Concen: 2.259 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

Tgt Ion:107 Resp: 37664

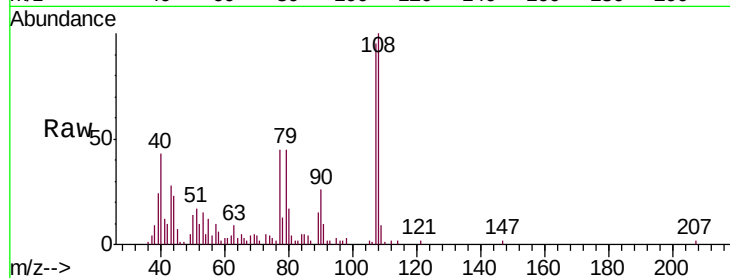
Ion Ratio Lower Upper

107 100

108 105.4 87.5 131.3

77 47.9 37.3 55.9

79 47.8 36.4 54.6

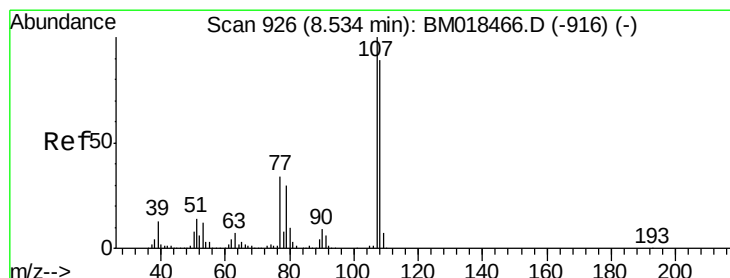
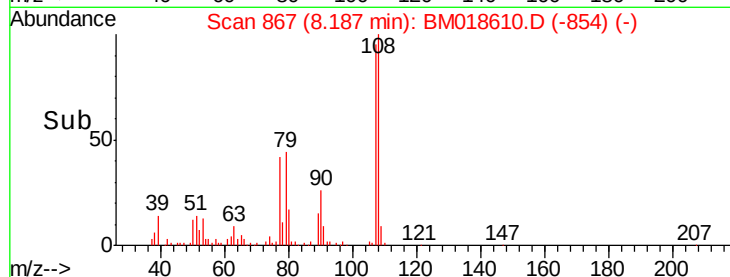
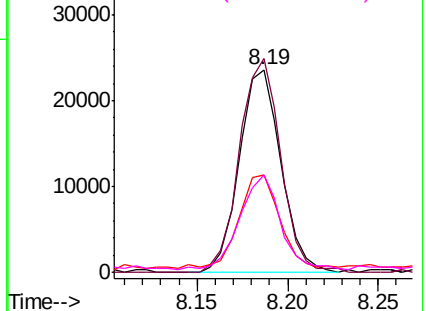


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#20

3+4-Methylphenols

Concen: 2.334 ng

RT: 8.52 min Scan# 923

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Tgt Ion:107 Resp: 53739

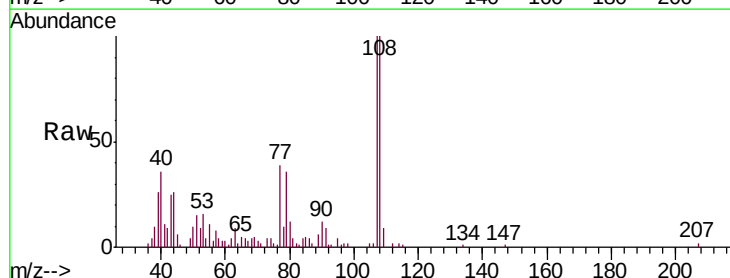
Ion Ratio Lower Upper

107 100

108 99.9 66.8 106.8

77 38.9 13.3 53.3

79 36.4 8.8 48.8

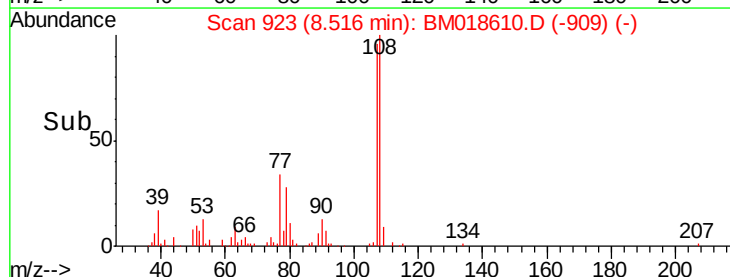
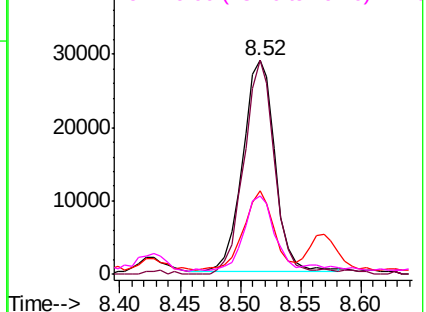


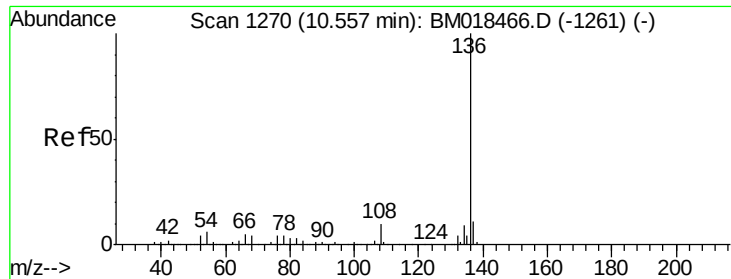
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

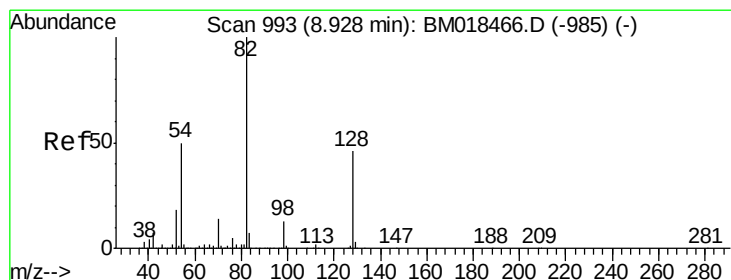
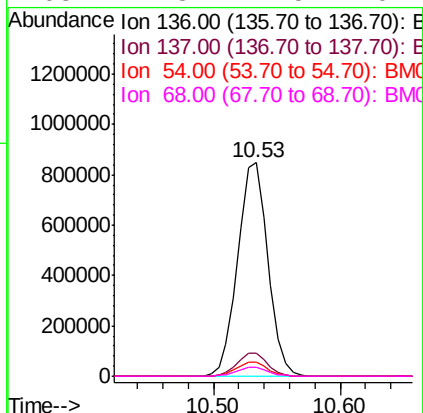
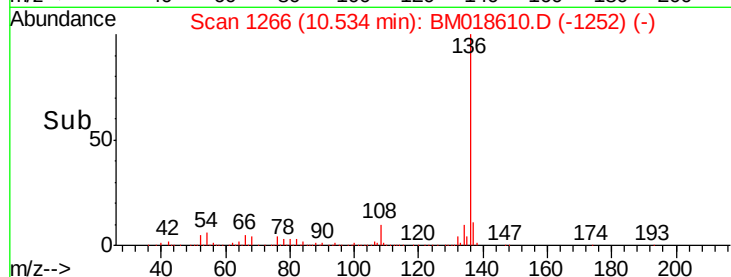
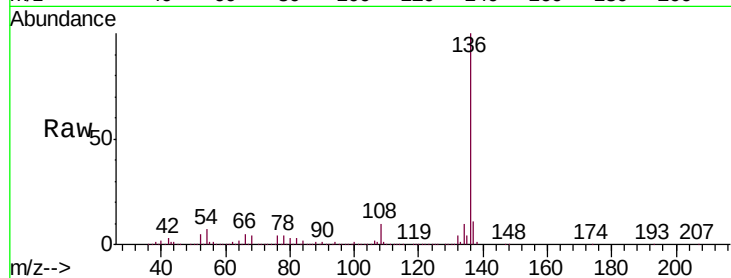




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

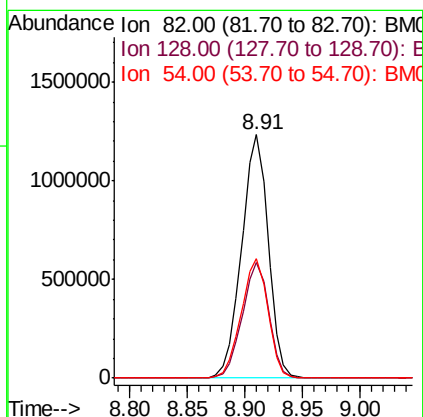
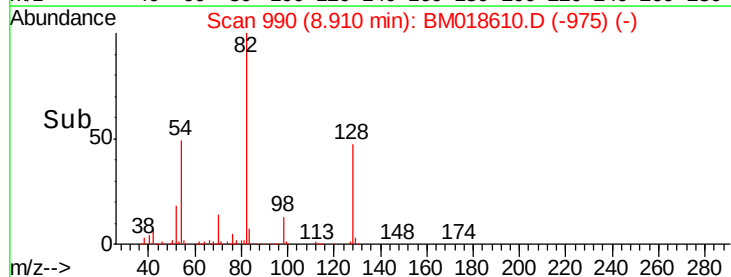
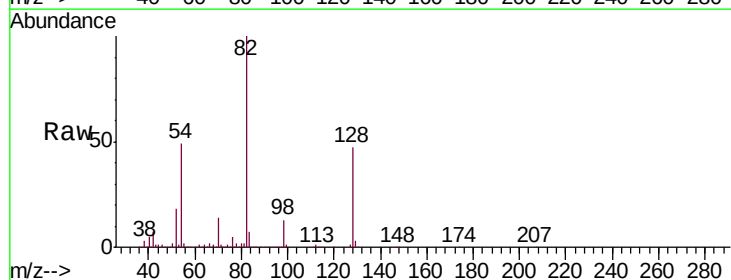
Instrument :
BNA_M
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SW002-190114-01

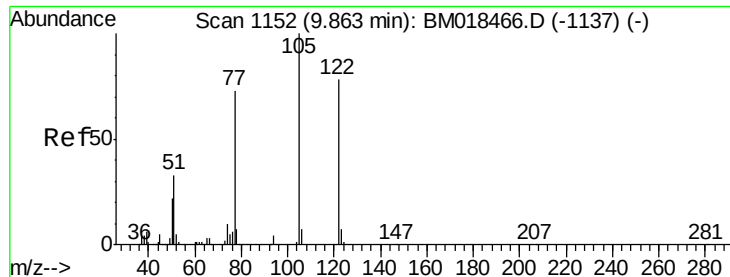
Tgt Ion:136 Resp: 1397212
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.5 6.0 9.0
68 4.3 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 81.937 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion: 82 Resp: 1974831
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 48.8 41.7 62.5

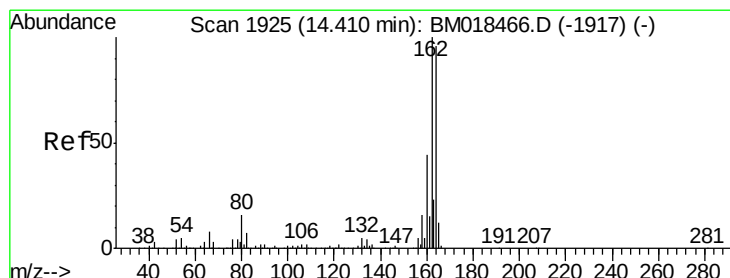
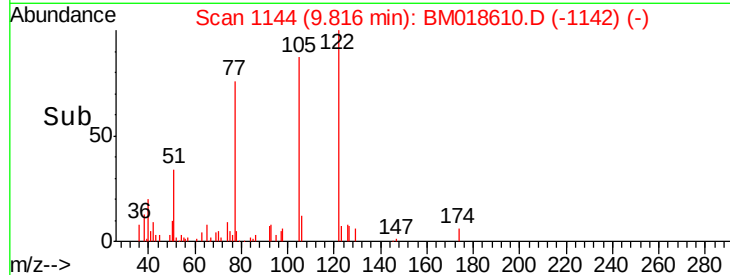
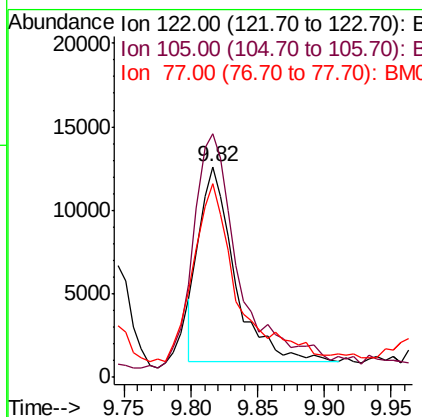
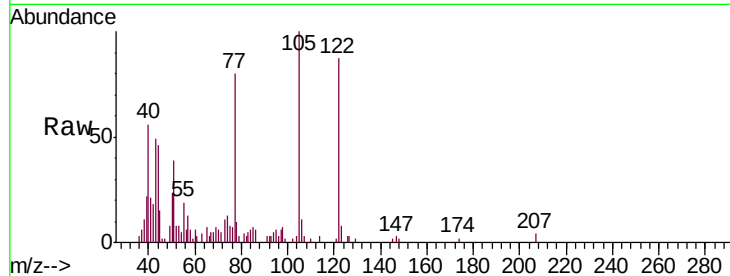




#32
Benzoic acid
Concen: 8.088 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.09 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

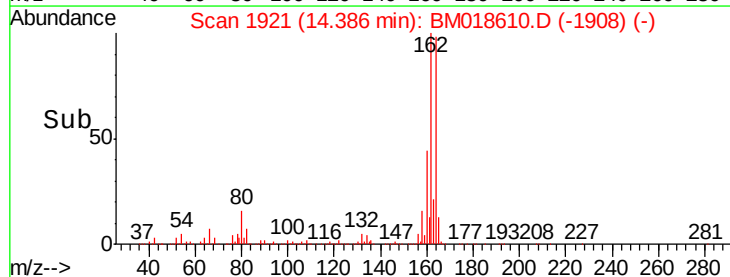
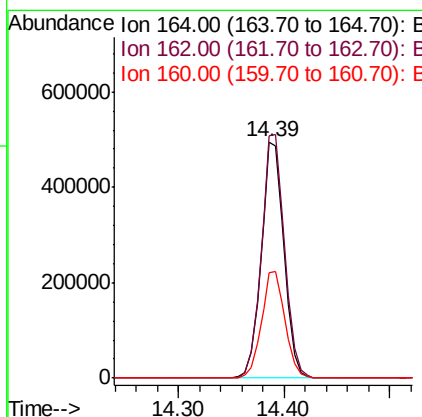
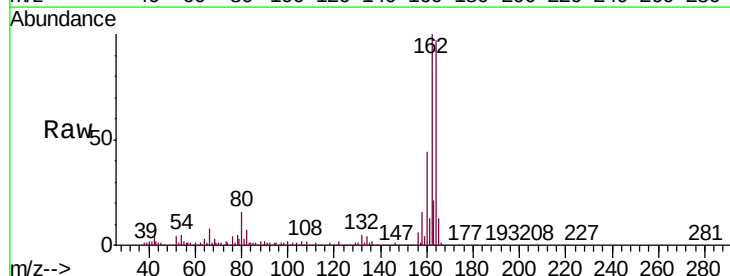
Instrument :
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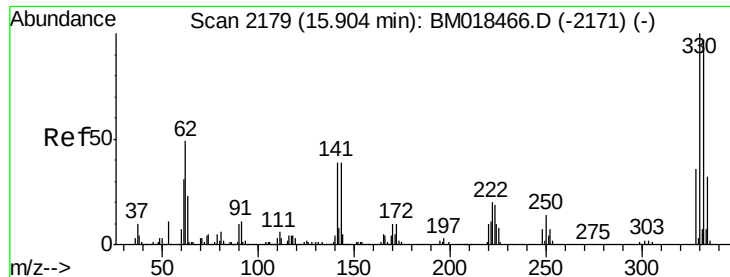
Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	100.4	140.4
77	91.9	71.7	111.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018610.D
Acq: 17 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	44.8	37.1	55.7

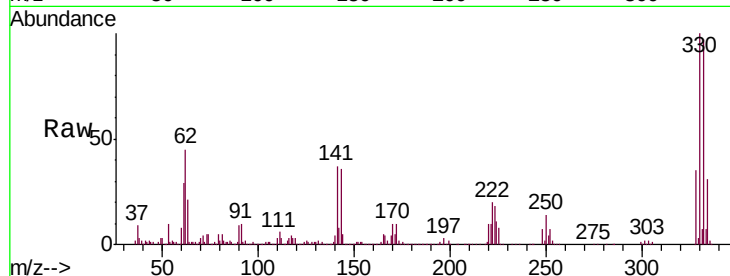




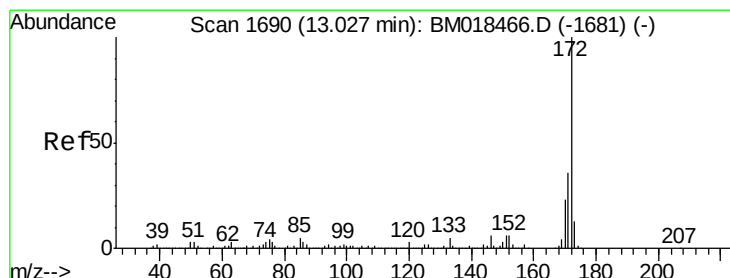
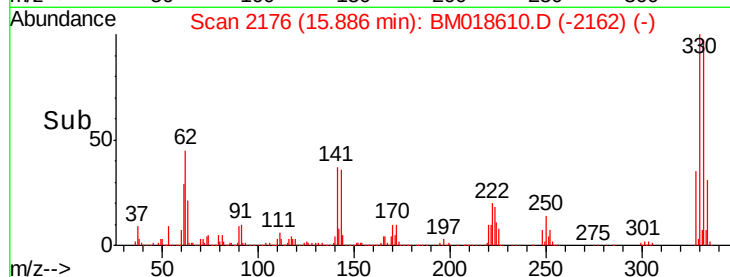
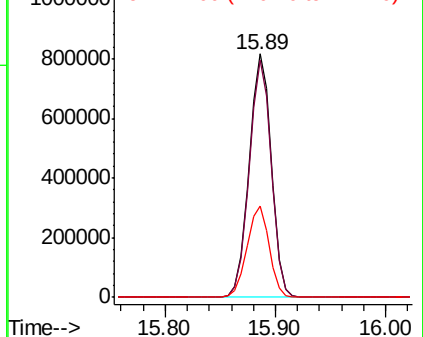
#42
 2,4,6-Tribromophenol
 Concen: 122.194 ng
 RT: 15.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BM018610.D
 Acq: 17 Jan 2019 12:48

Instrument :
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 SW002-190114-01

Tgt Ion:330 Resp: 1153033
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.6 116.4
 141 37.2 31.7 47.5

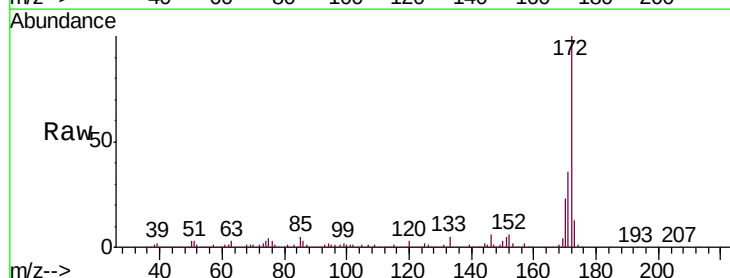


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

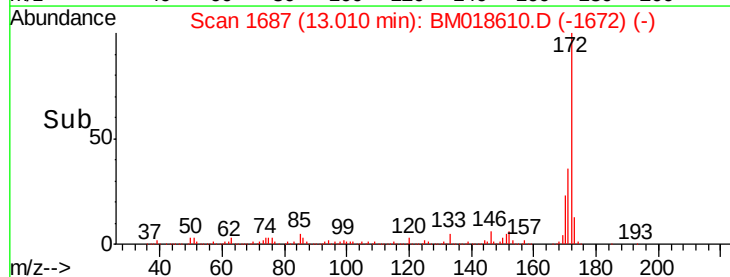
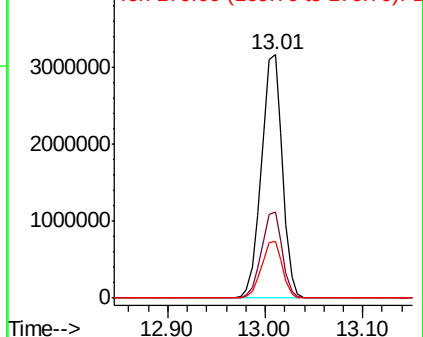


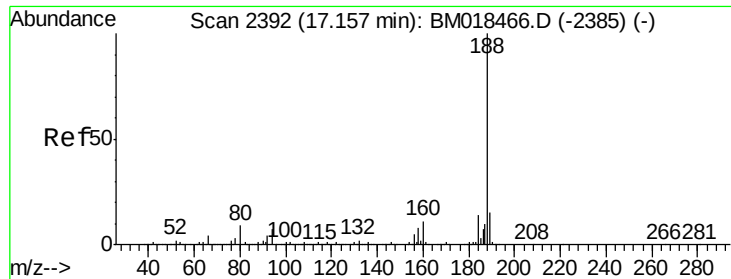
#45
 2-Fluorobiphenyl
 Concen: 84.062 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018610.D
 Acq: 17 Jan 2019 12:48

Tgt Ion:172 Resp: 4774227
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.2 42.4
 170 23.3 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

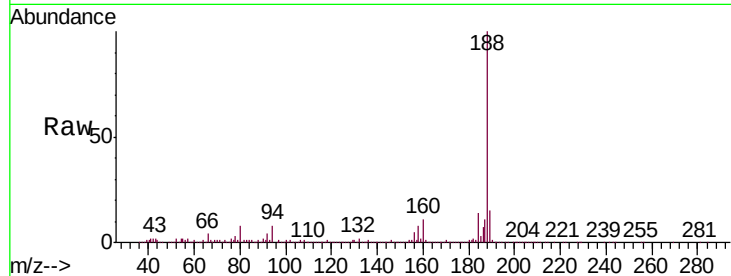
Tgt Ion:188 Resp: 1456320

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

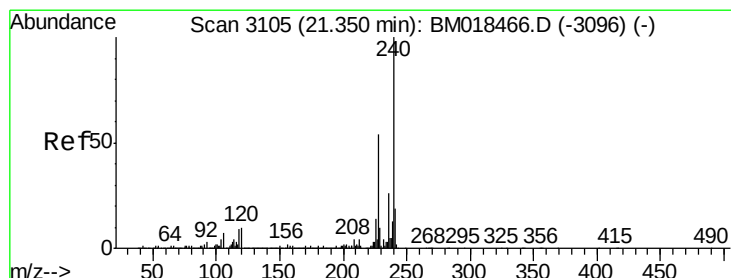
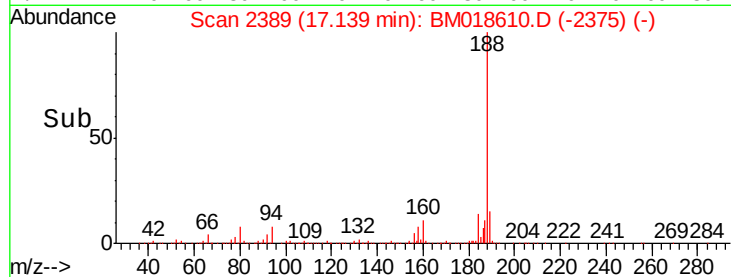
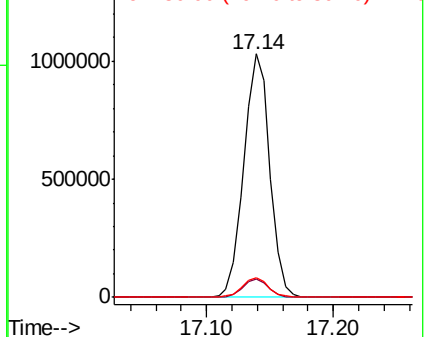
80 8.1 7.6 11.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

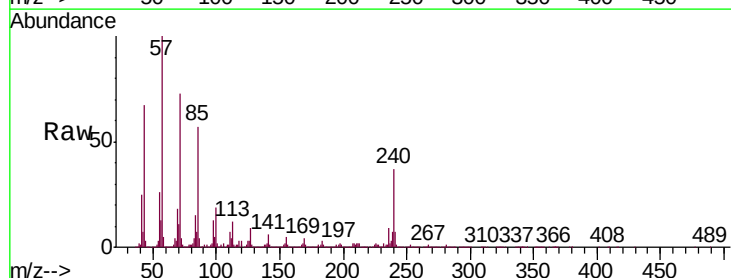
Tgt Ion:240 Resp: 1544012

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

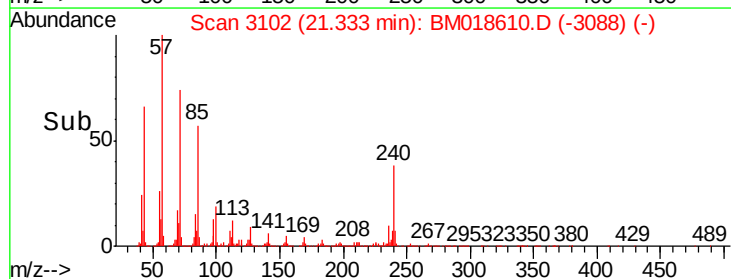
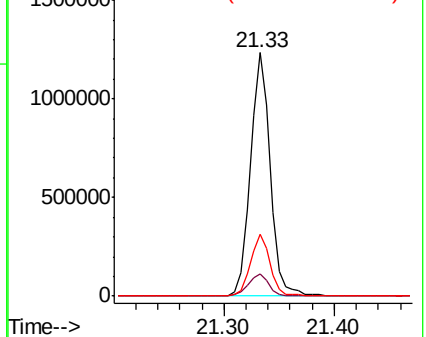
236 25.6 20.7 31.1

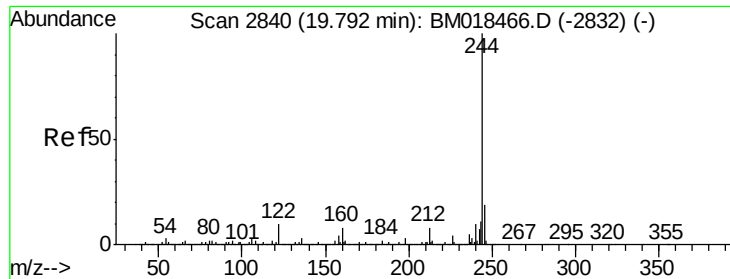


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.815 ng

RT: 19.77 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

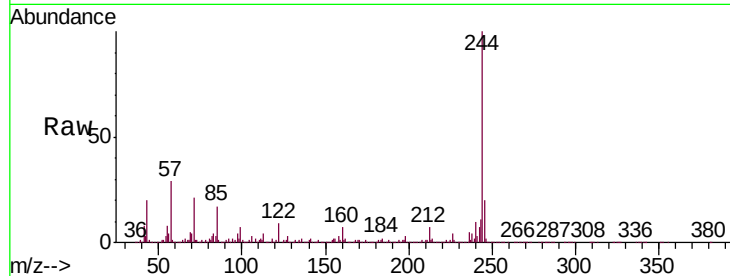
Tgt Ion:244 Resp: 6212235

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

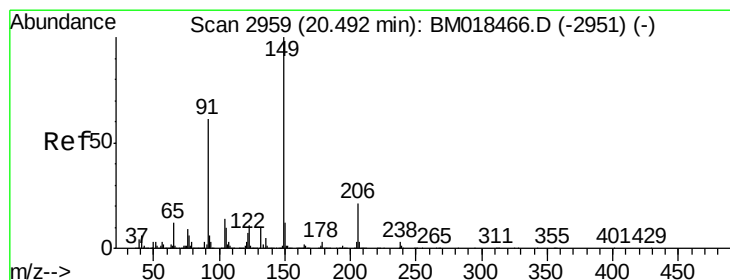
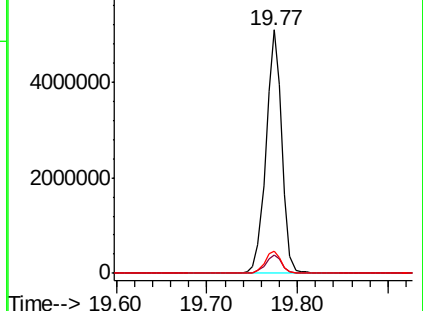
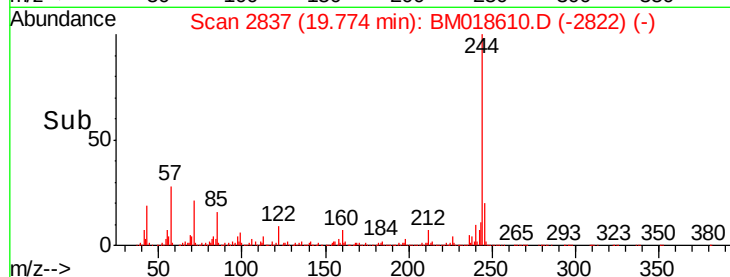
122 9.2 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 2.171 ng

RT: 20.47 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

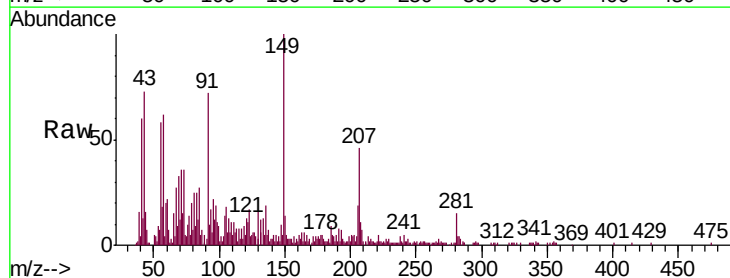
Tgt Ion:149 Resp: 84801

Ion Ratio Lower Upper

149 100

91 72.2 53.1 79.7

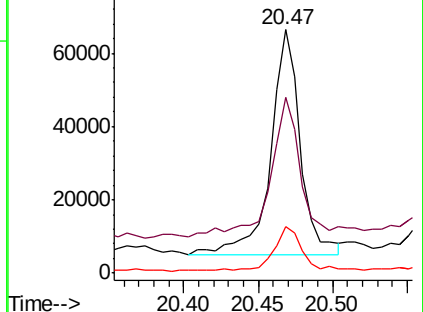
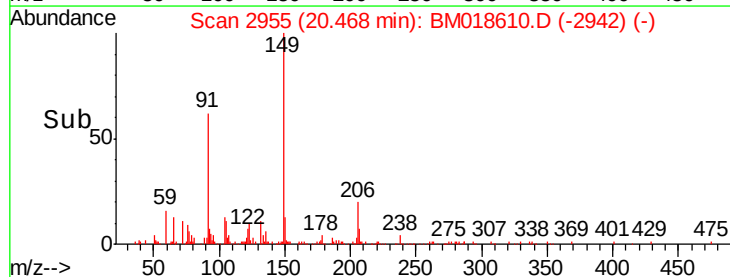
206 19.1 16.2 24.4

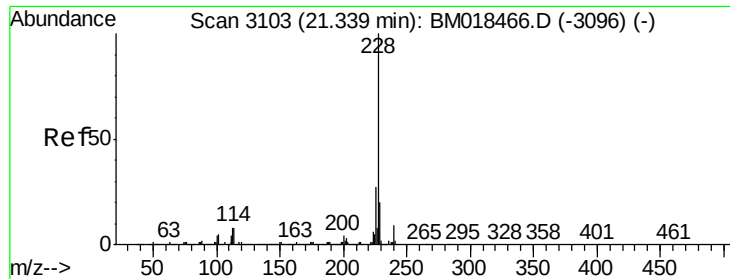


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.384 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

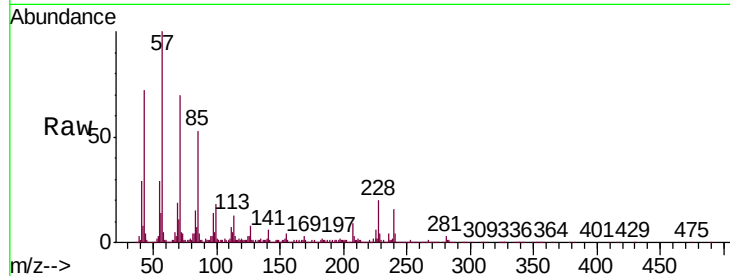
Tgt Ion:228 Resp: 216894

Ion Ratio Lower Upper

228 100

226 29.0 21.8 32.6

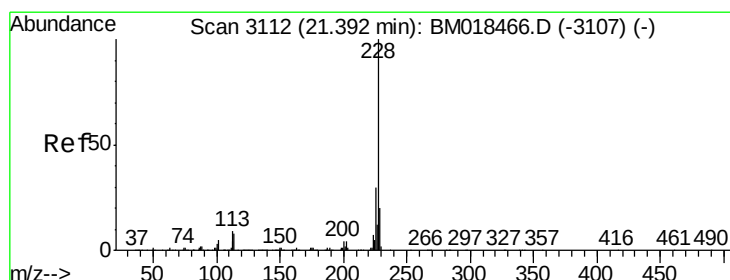
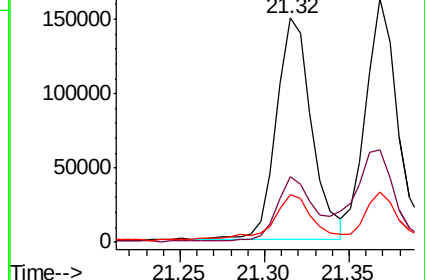
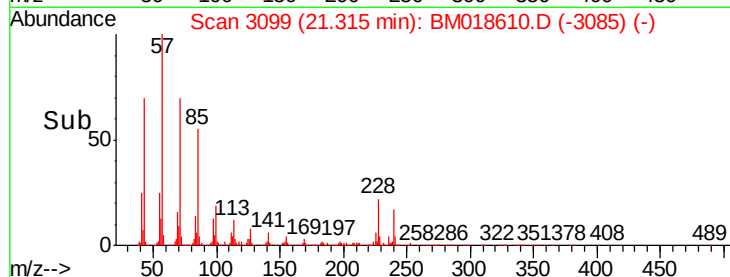
229 21.1 15.8 23.8



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: 2.385 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.07 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

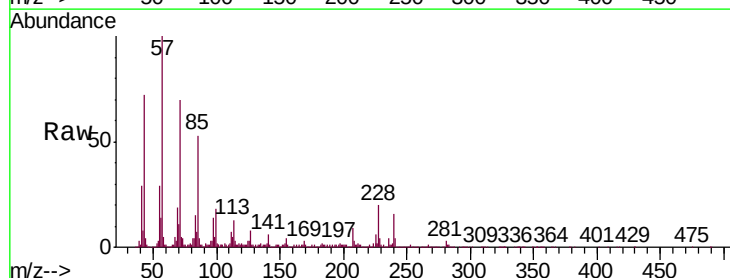
Tgt Ion:228 Resp: 209461

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.2

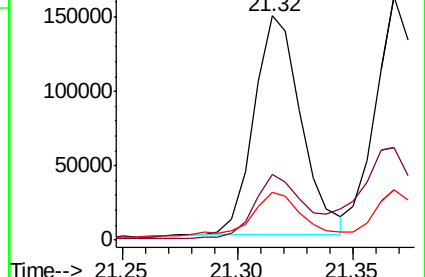
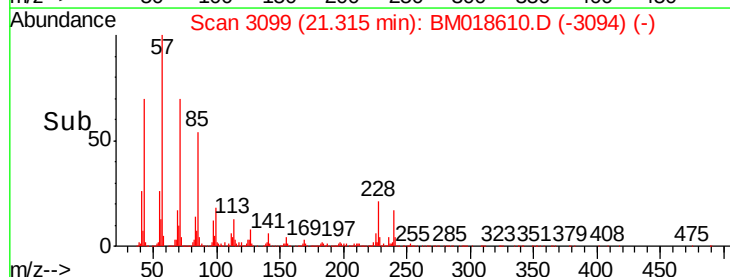
229 21.1 15.6 23.4

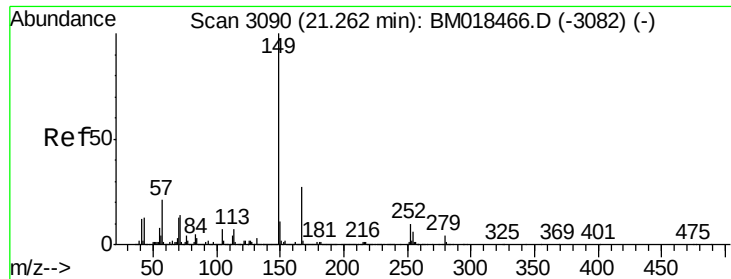


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.099 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01

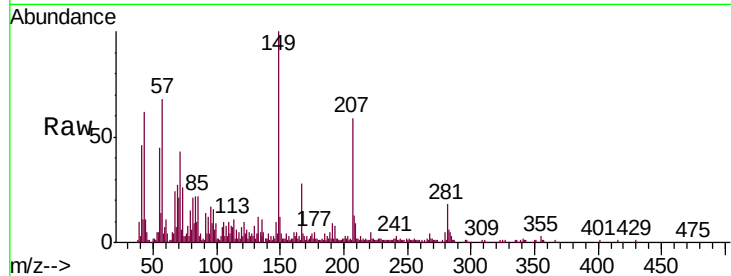
Tgt Ion:149 Resp: 118360

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

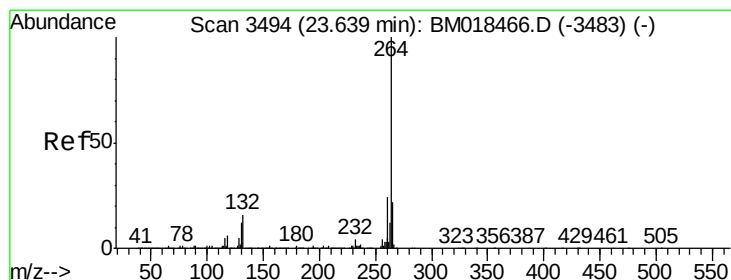
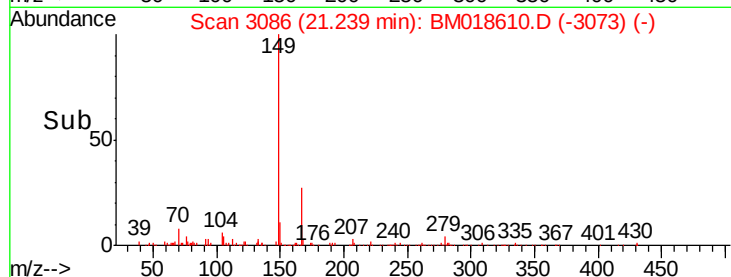
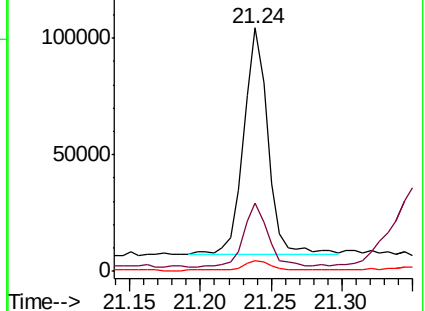
279 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018610.D

Acq: 17 Jan 2019 12:48

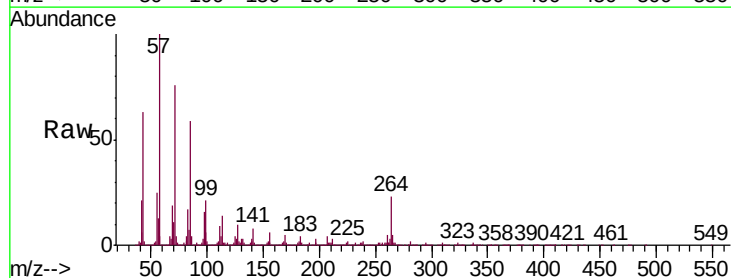
Tgt Ion:264 Resp: 1425362

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

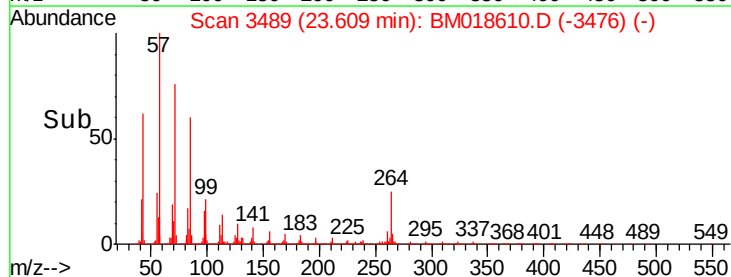
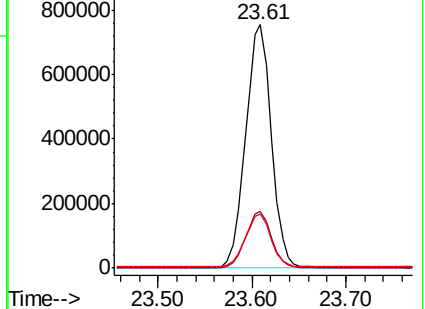
265 22.2 16.8 25.2

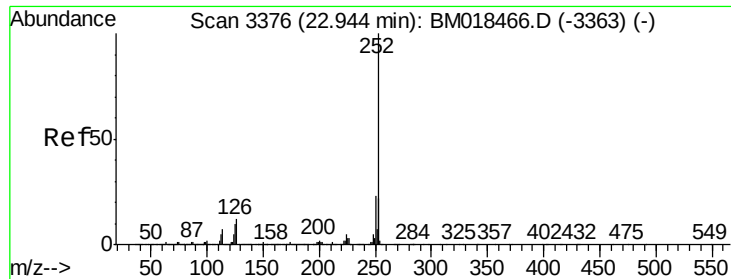


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.064 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM018610.D

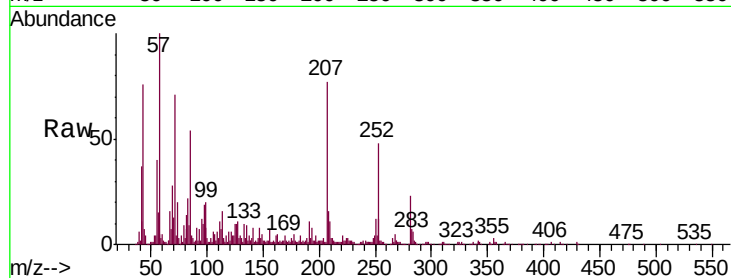
Acq: 17 Jan 2019 12:48

Instrument :

BNA_M

ClientSampleId :

SW002-190114-01



Tgt Ion:	252	Resp:	167012
Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	19.6	8.5	12.7#

