

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
 Data File : BM019039.D
 Acq On : 05 Mar 2019 16:36
 Operator : JU/SJ
 Sample : PB117506BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BL

Quant Time: Mar 06 05:54:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	205327	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	747658	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	369323	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	721286	20.00	ng	0.00
76) Chrysene-d12	21.29	240	696416	20.00	ng	0.00
87) Perylene-d12	23.53	264	763327	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1066015	85.07	ng	0.00
7) Phenol-d6	6.85	99	1379235	78.13	ng	0.00
23) Nitrobenzene-d5	8.85	82	862356	53.33	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	381047	71.58	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	1632595	58.68	ng	-0.01
79) Terphenyl-d14	19.72	244	1968492	58.31	ng	0.00

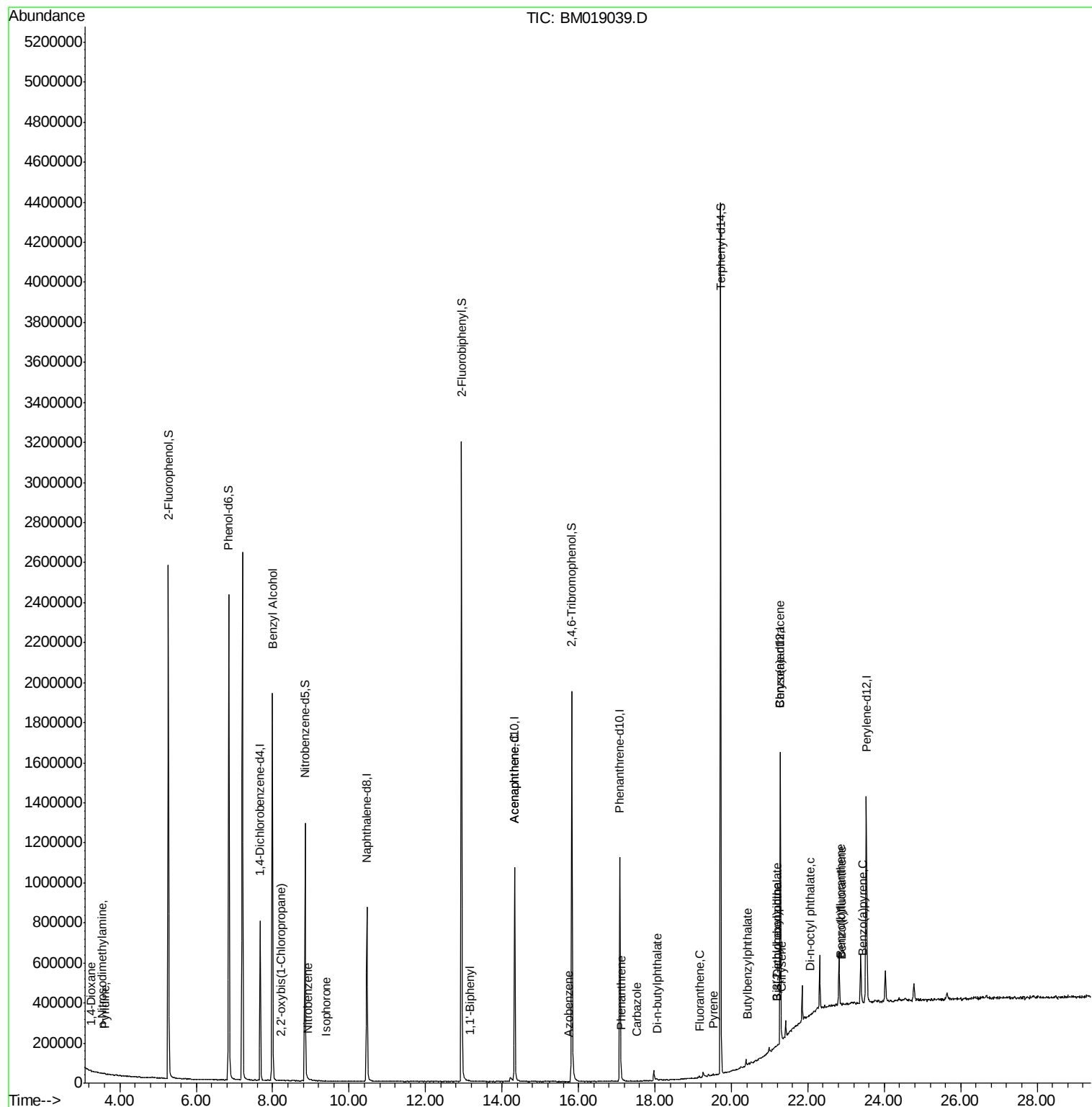
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	161	0.029	ng	# 1
3) Pyridine	3.60	79	364	0.024	ng	# 1
4) n-Nitrosodimethylamine	3.54	42	263	0.069	ng	# 1
9) Benzaldehyde	6.86	77	2986	Below Cal		# 7
15) Benzyl Alcohol	7.99	79	15250	1.087	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	8.22	45	627	0.046	ng	# 53
24) Nitrobenzene	8.93	77	126	0.008	ng	# 44
25) Isophorone	9.39	82	308	0.012	ng	# 68
46) 1,1'-Biphenyl	13.16	154	2281	0.072	ng	# 87
52) Acenaphthene	14.33	154	1364	0.061	ng	# 4
63) Azobenzene	15.73	77	114	0.003	ng	# 57
71) Phenanthrene	17.13	178	503	0.013	ng	# 60
73) Carbazole	17.53	167	119	0.003	ng	# 58
74) Di-n-butylphthalate	18.06	149	7926	0.175	ng	# 98
75) Fluoranthene	19.16	202	941	0.021	ng	# 64
78) Pyrene	19.52	202	1213	0.030	ng	# 57
80) Butylbenzylphthalate	20.42	149	2091	0.113	ng	# 70
81) Benzo(a)anthracene	21.28	228	3232	0.080	ng	# 62
82) 3,3'-Dichlorobenzidine	21.20	252	127	0.008	ng	# 26
83) Chrysene	21.33	228	1343	0.035	ng	# 49
84) Bis(2-ethylhexyl)phthalate	21.19	149	1559	0.058	ng	# 94
85) Di-n-octyl phthalate	22.06	149	1082	0.024	ng	# 1
88) Benzo(b)fluoranthene	22.86	252	570	0.013	ng	# 1
89) Benzo(k)fluoranthene	22.89	252	276	0.006	ng	# 1
90) Benzo(a)pyrene	23.43	252	479	0.012	ng	# 1

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

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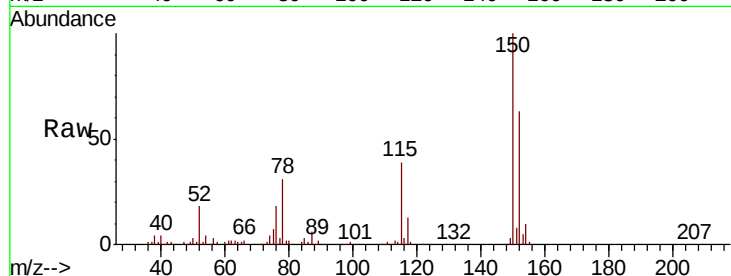


#1

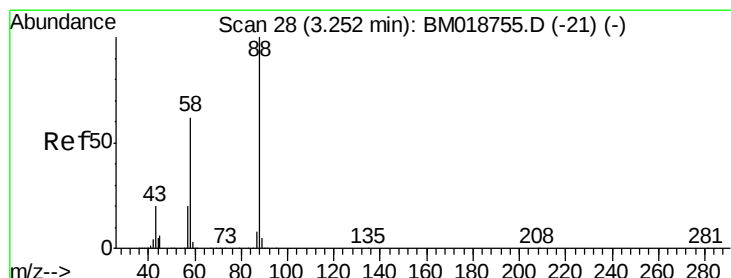
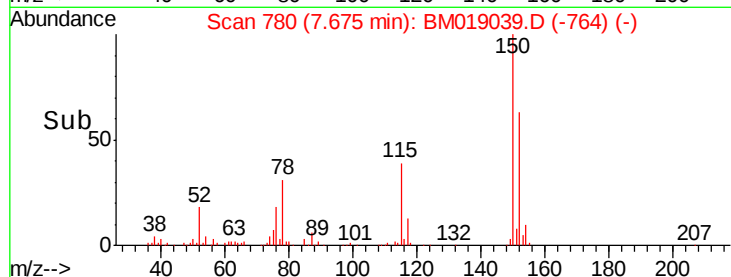
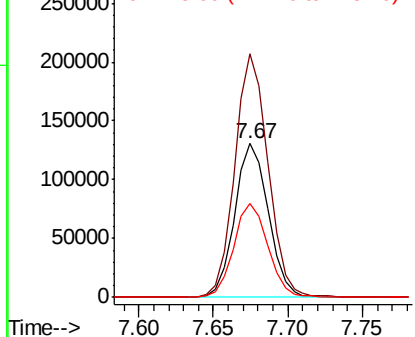
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:152 Resp: 205327
Ion Ratio Lower Upper
152 100
150 158.6 127.3 190.9
115 61.3 50.8 76.2



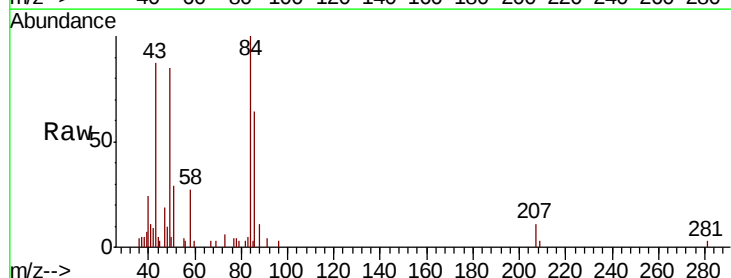
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



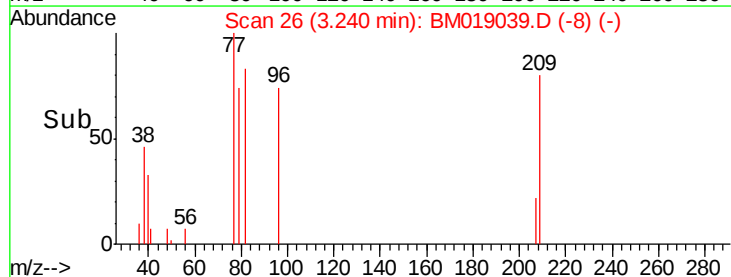
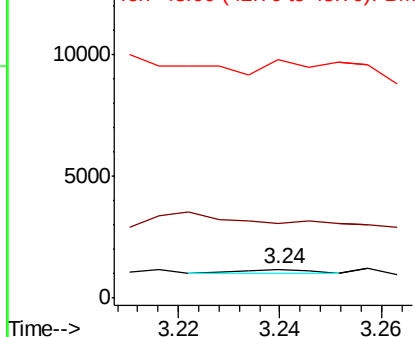
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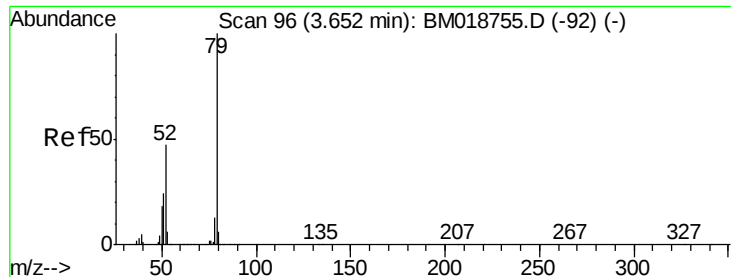
1,4-Dioxane
Concen: 0.029 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
58 553.4 49.8 74.6#
43 761.5 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 0.024 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.03 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

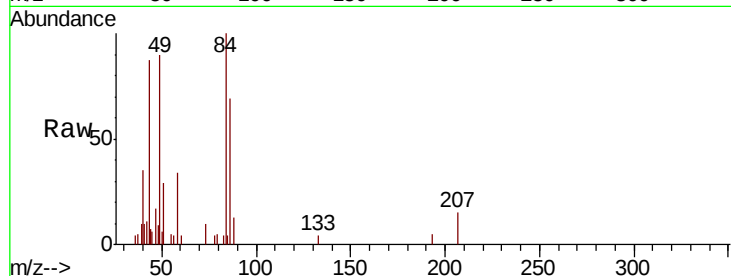
Tgt Ion: 79 Resp: 364

Ion Ratio Lower Upper

79 100

52 0.0 37.6 56.4#

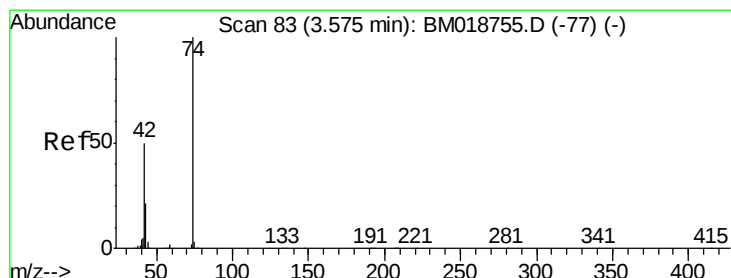
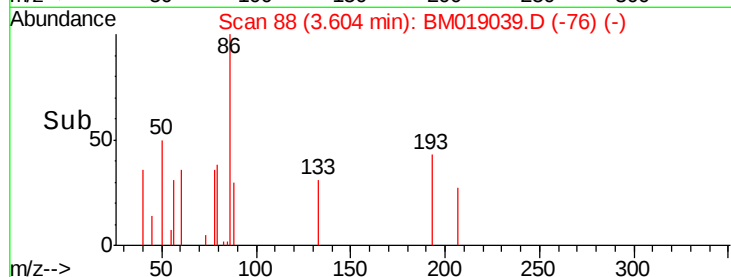
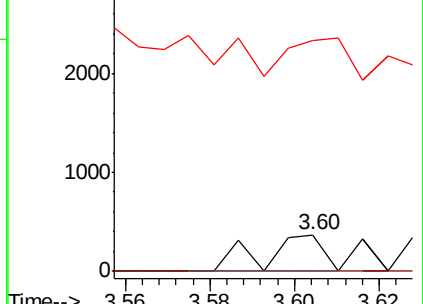
51 630.4 19.7 29.5#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.02 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

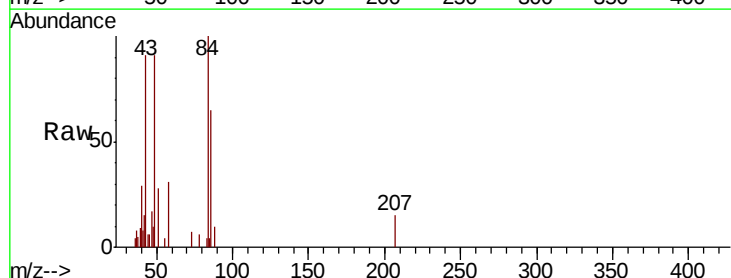
Tgt Ion: 42 Resp: 263

Ion Ratio Lower Upper

42 100

74 0.0 158.1 237.1#

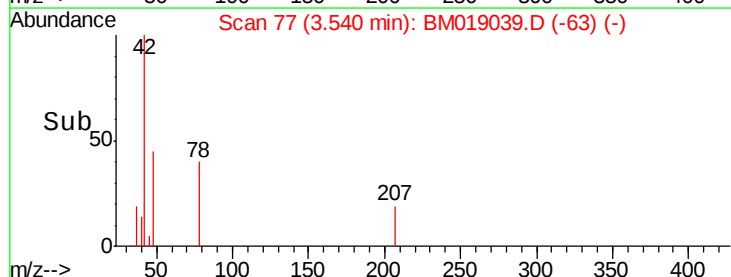
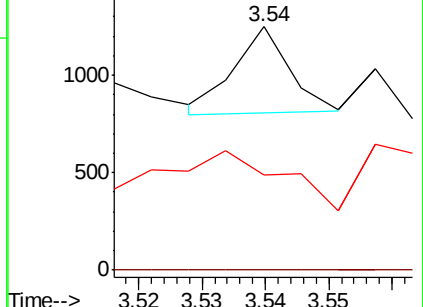
44 39.2 4.9 7.3#

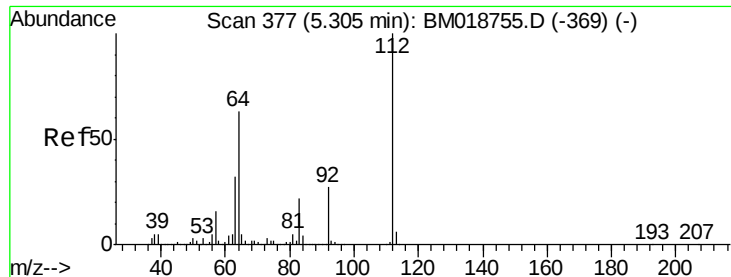


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 85.066 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

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PB117506BL

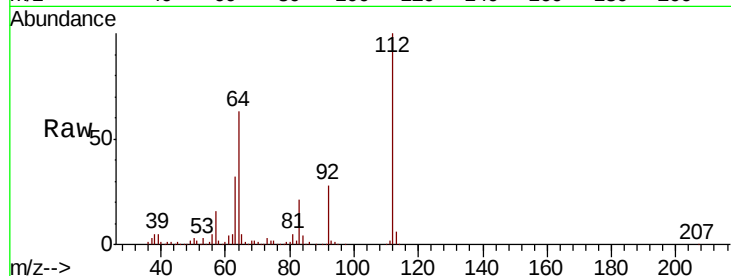
Tgt Ion: 112 Resp: 1066015

Ion Ratio Lower Upper

112 100

64 62.6 50.6 75.8

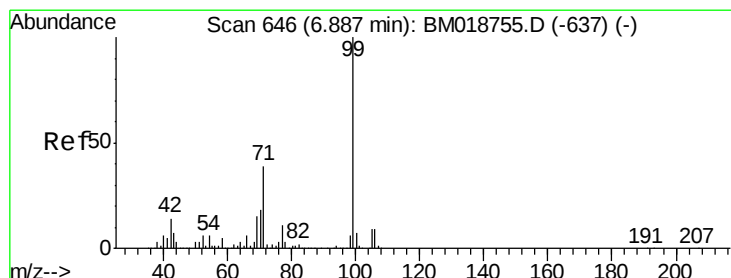
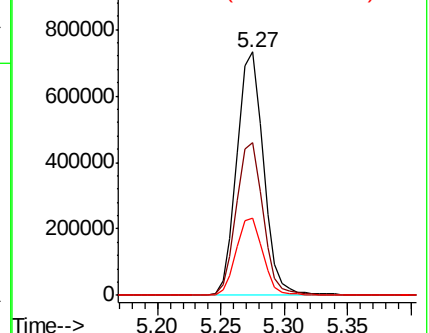
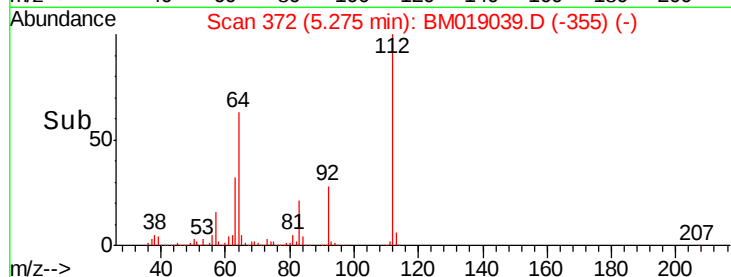
63 31.9 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 78.126 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

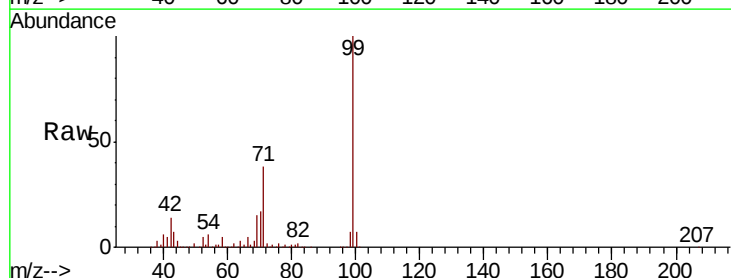
Tgt Ion: 99 Resp: 1379235

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

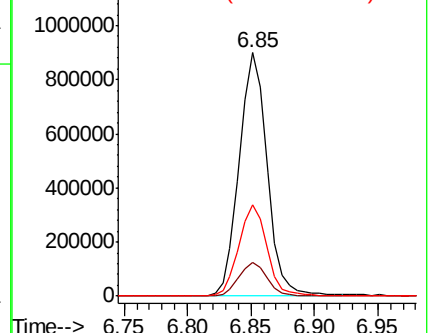
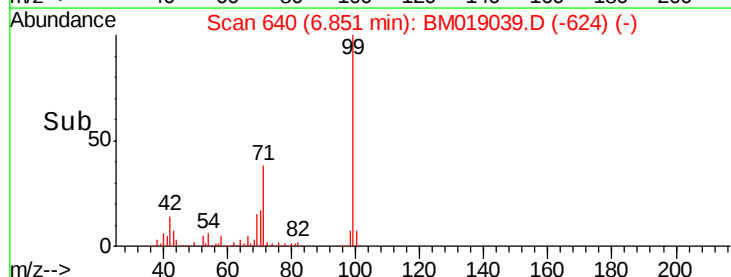
71 37.7 31.3 46.9

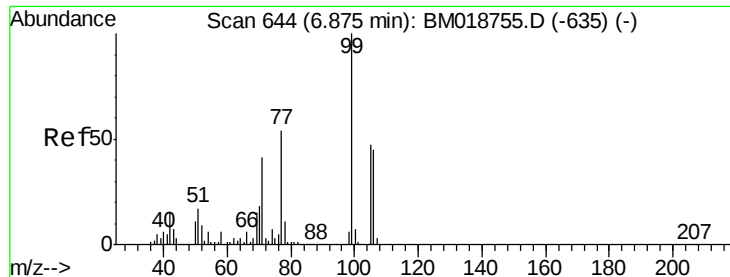


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: Below Cal

RT: 6.86 min Scan# 641

Delta R.T. 0.02 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

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PB117506BL

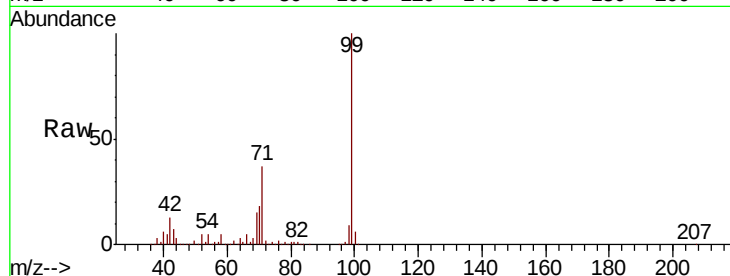
Tgt Ion: 77 Resp: 2986

Ion Ratio Lower Upper

77 100

105 0.0 67.3 107.3#

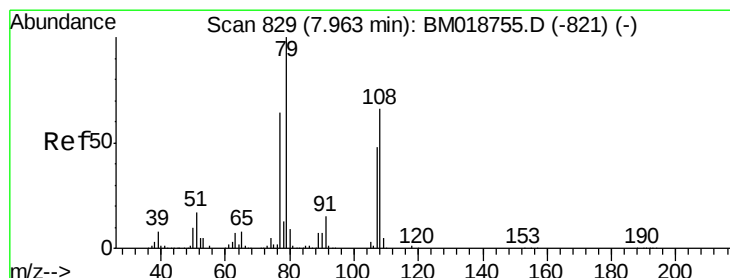
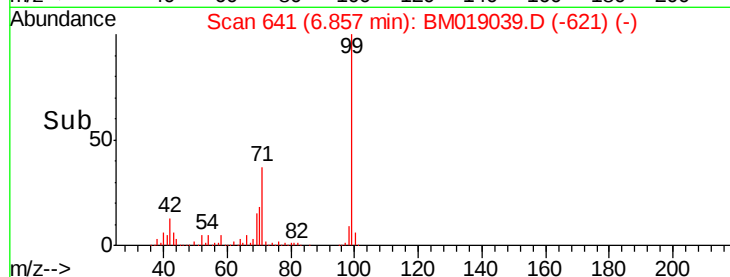
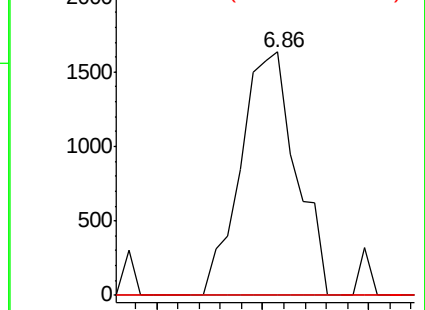
106 0.0 62.9 102.9#



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 1.087 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.06 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

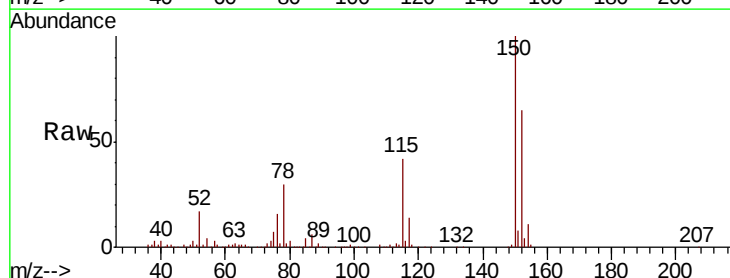
Tgt Ion: 79 Resp: 15250

Ion Ratio Lower Upper

79 100

108 31.1 52.7 79.1#

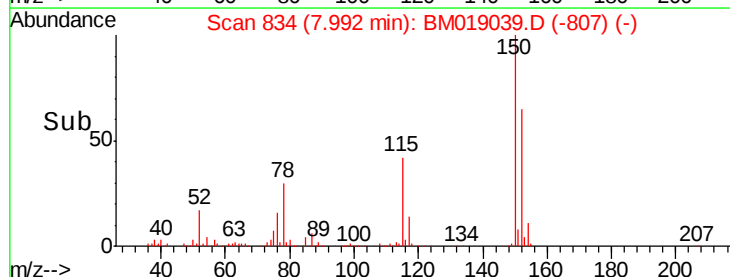
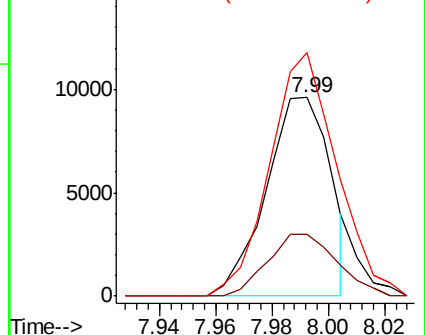
77 122.6 51.0 76.4#

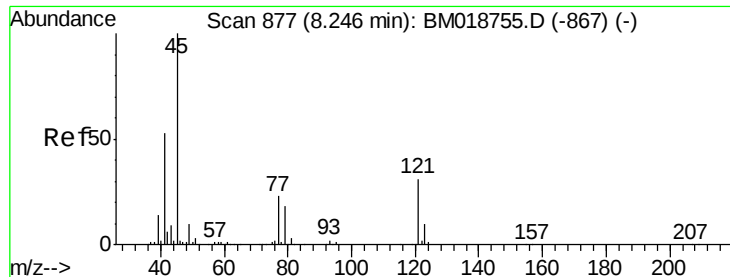


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)

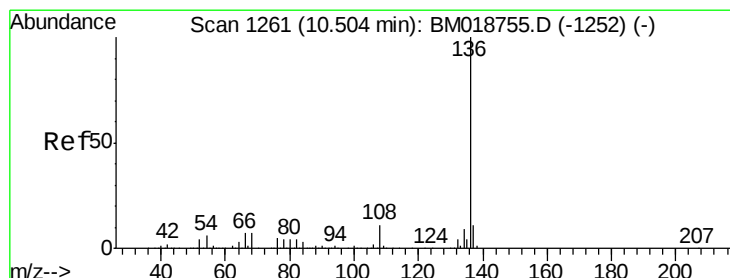
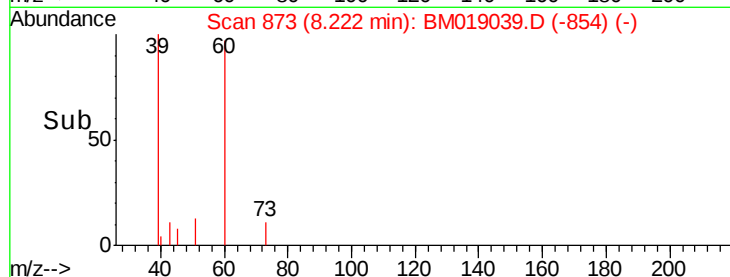
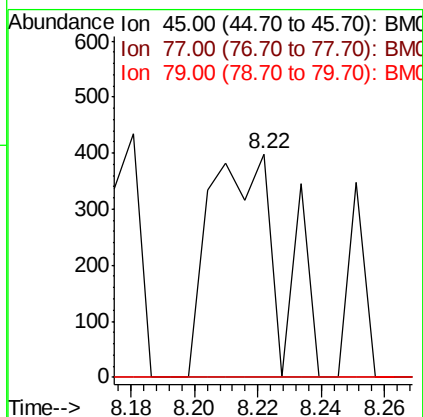
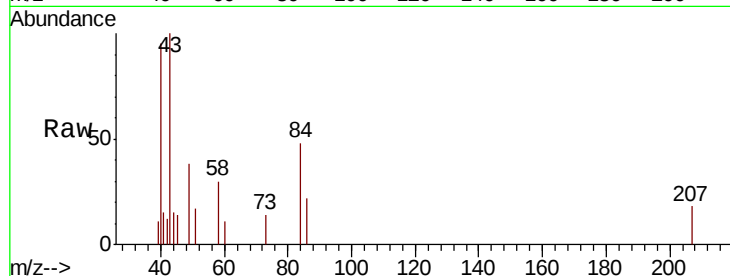




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.046 ng
 RT: 8.22 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

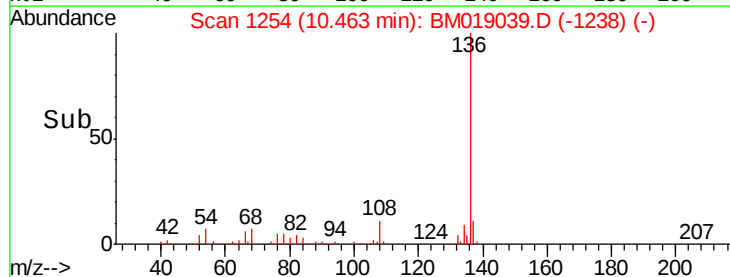
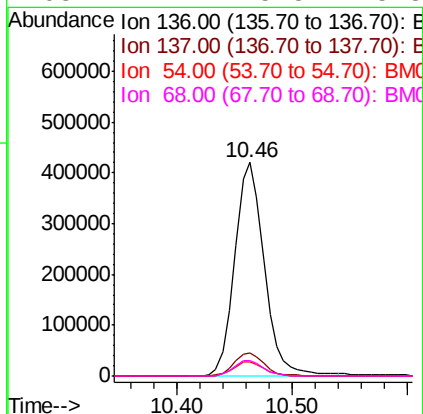
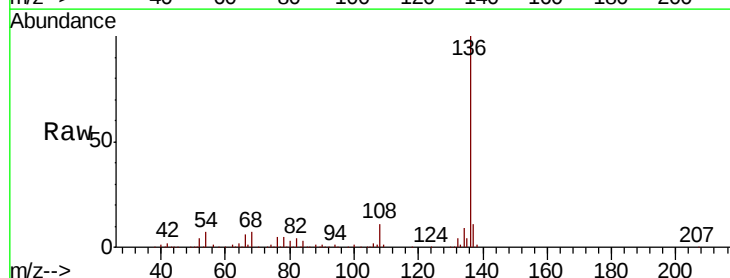
Instrument :
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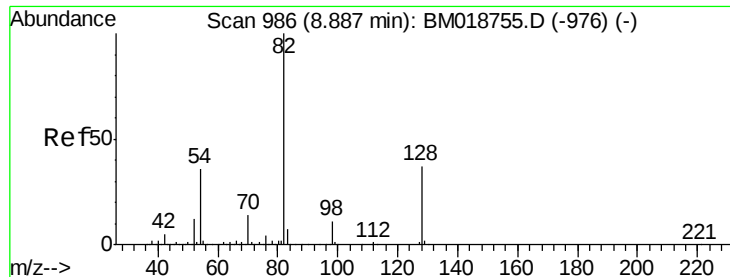
Tgt Ion: 45 Resp: 627
 Ion Ratio Lower Upper
 45 100
 77 0.0 5.0 45.0#
 79 0.0 0.0 39.3



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

Tgt Ion: 136 Resp: 747658
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.8 13.2
 54 6.8 5.0 7.6
 68 7.4 5.5 8.3

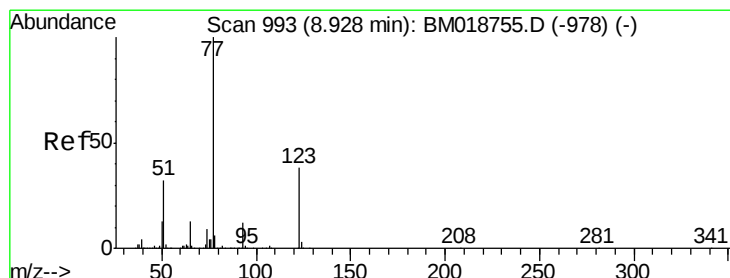
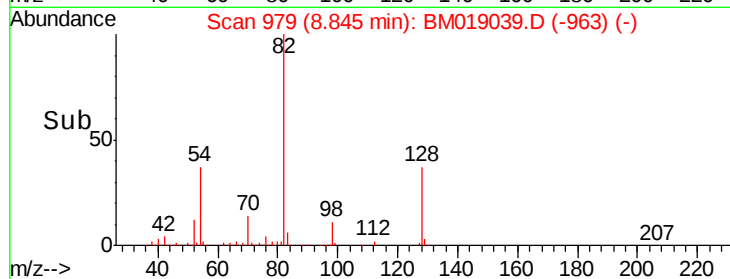
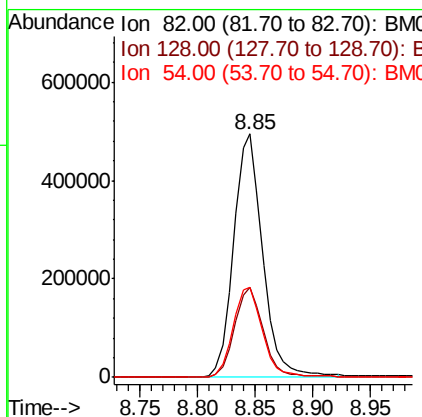
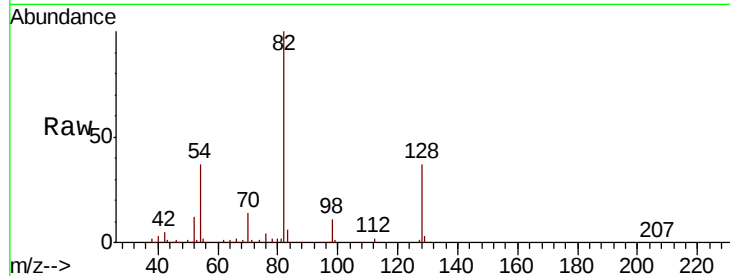




#23
 Nitrobenzene-d5
 Concen: 53.332 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

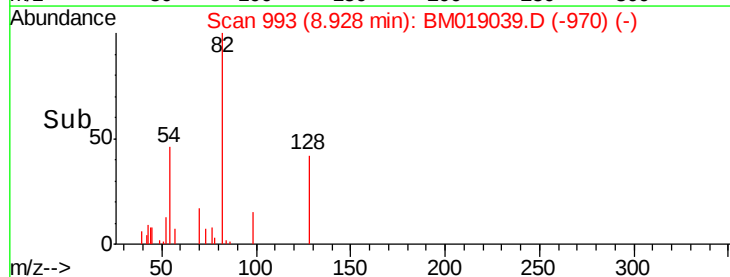
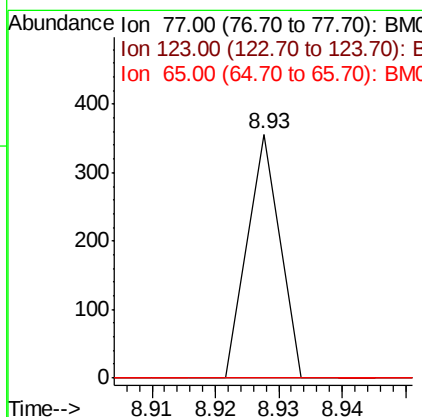
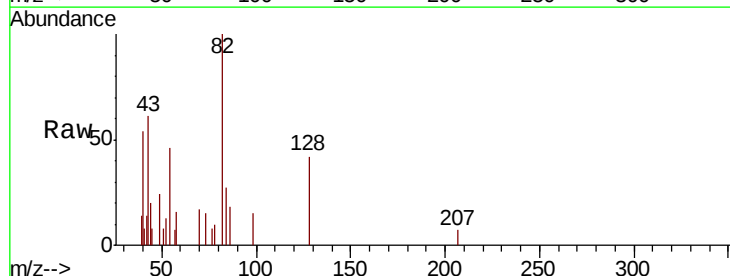
Instrument :
 BNA_M
 ClientSampleId :
 PB117506BL

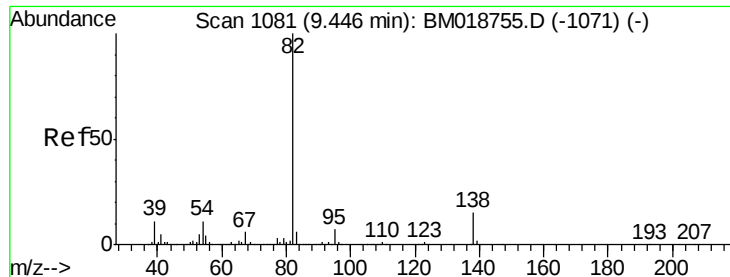
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	37.0	29.1	43.7



#24
 Nitrobenzene
 Concen: 0.008 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.04 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.7	46.1#
65	0.0	10.5	15.7#

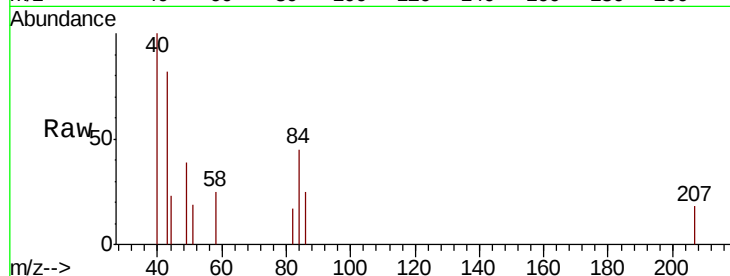




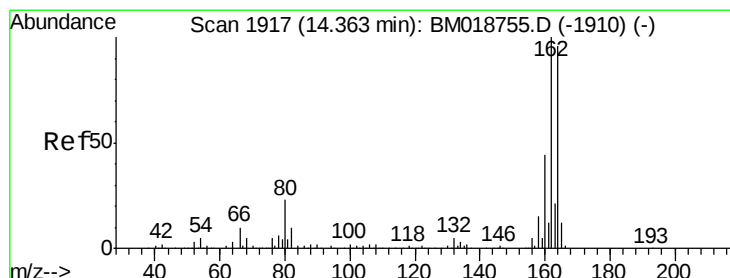
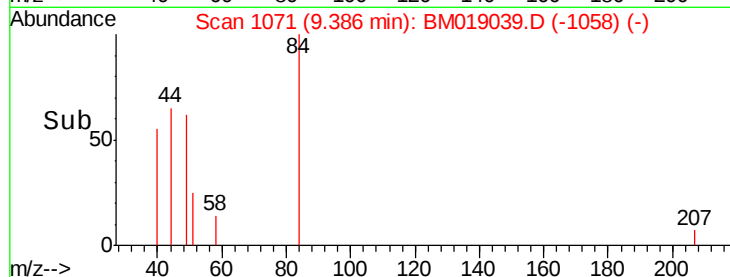
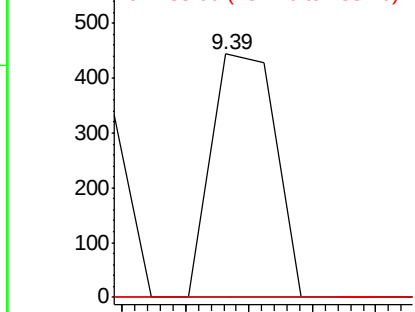
#25
Isophorone
Concen: 0.012 ng
RT: 9.39 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion: 82 Resp: 308
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 12.3 18.5#

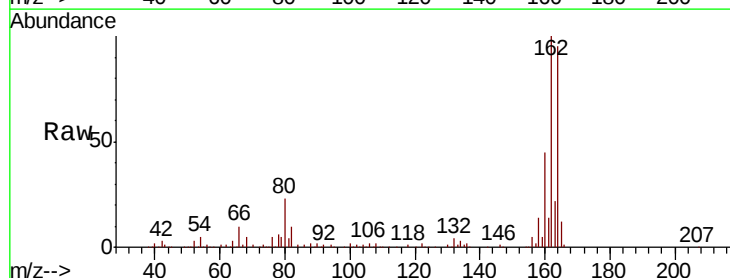


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)
Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)
Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

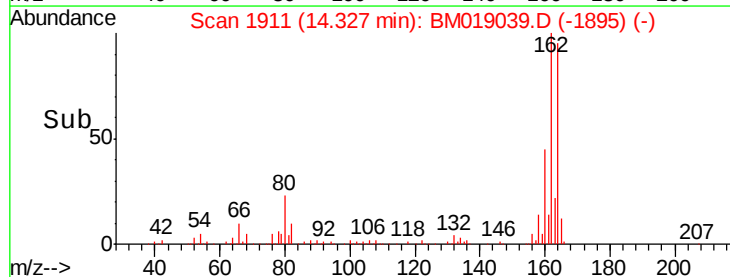
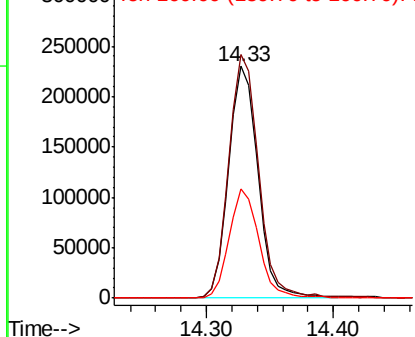


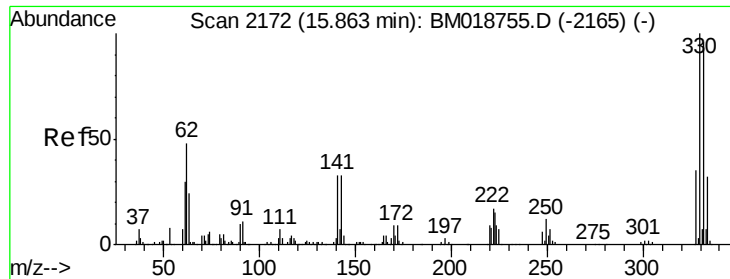
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 164 Resp: 369323
Ion Ratio Lower Upper
164 100
162 105.0 83.4 125.0
160 47.2 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)

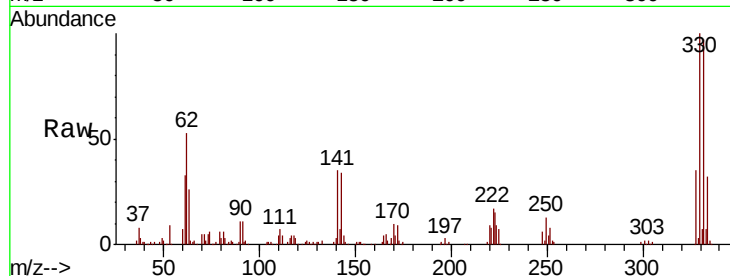




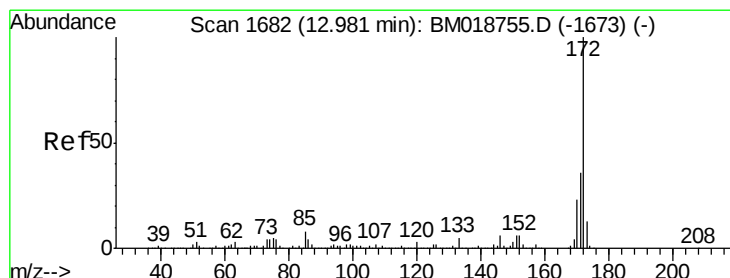
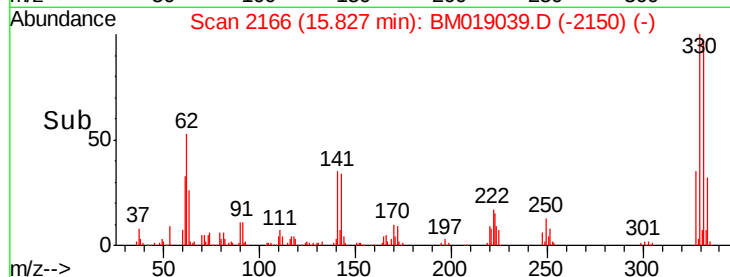
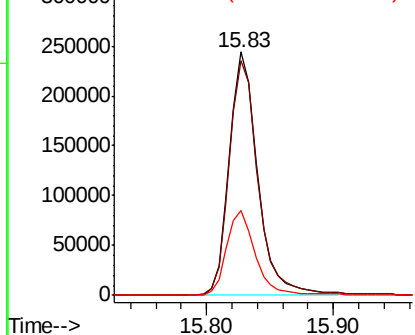
#42
 2,4,6-Tribromophenol
 Concen: 71.576 ng
 RT: 15.83 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB117506BL

Tgt Ion:330 Resp: 381047
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 35.1 28.7 43.1

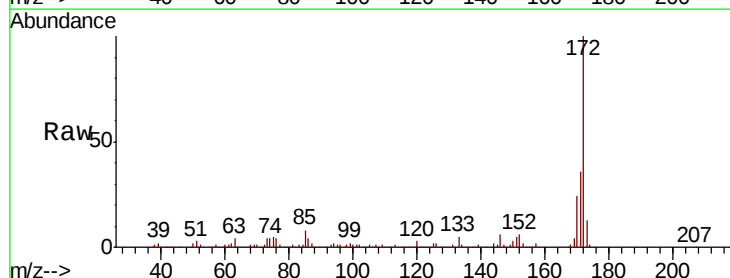


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

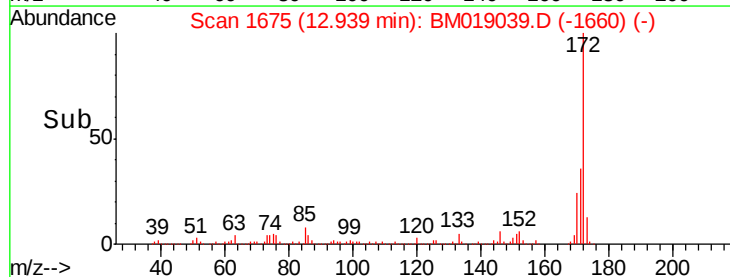
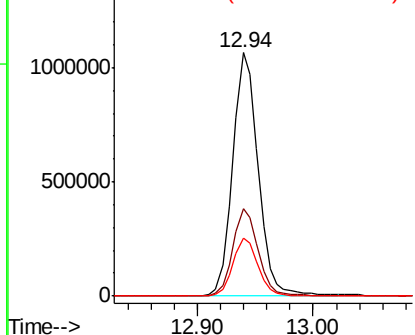


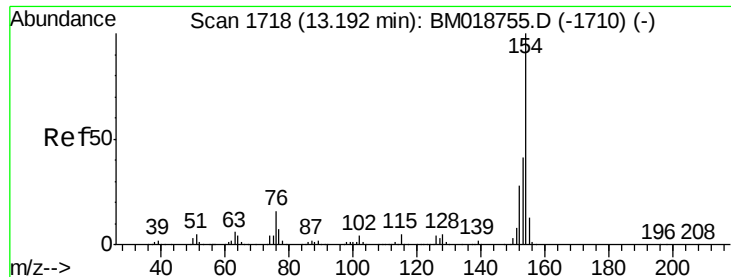
#45
 2-Fluorobiphenyl
 Concen: 58.681 ng
 RT: 12.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

Tgt Ion:172 Resp: 1632595
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.8 18.6 28.0



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

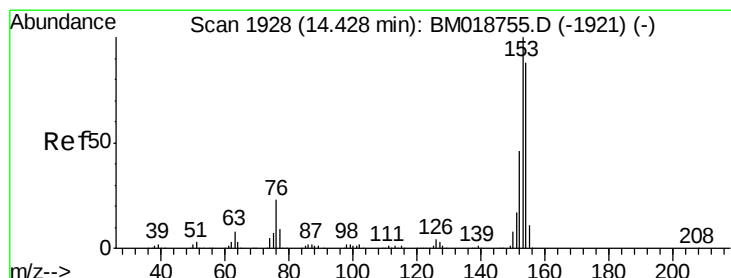
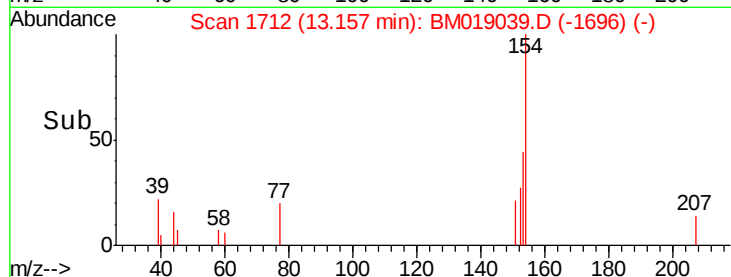
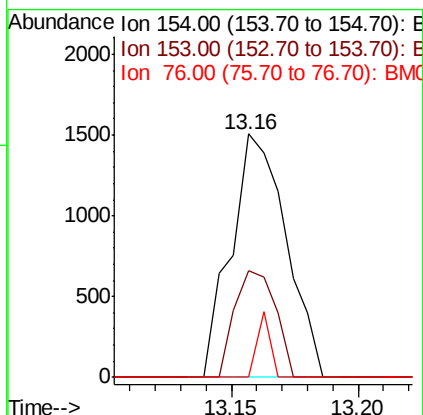
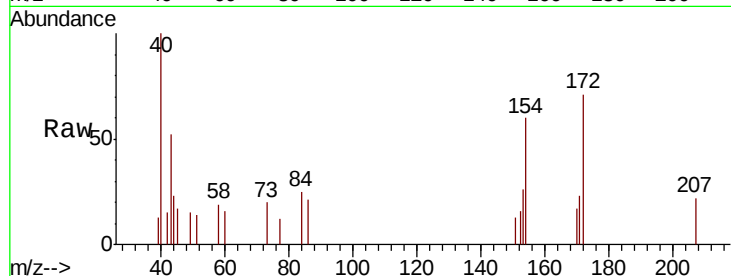




#46
 1,1'-Biphenyl
 Concen: 0.072 ng
 RT: 13.16 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

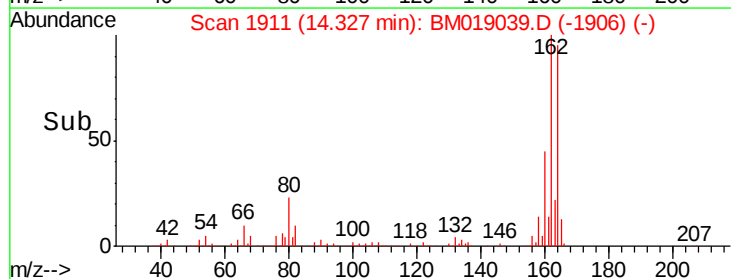
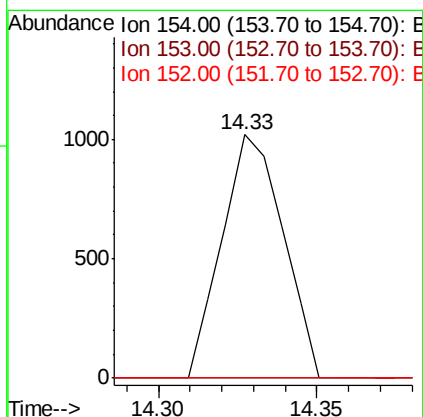
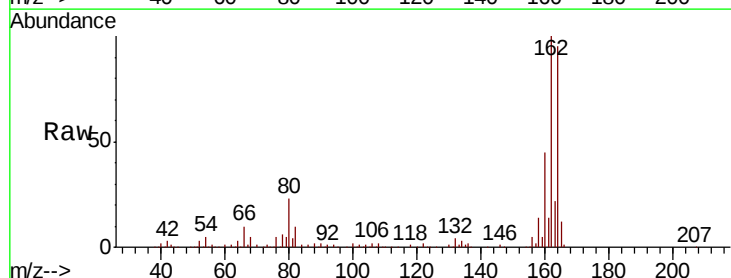
Instrument :
 BNA_M
 ClientSampleId :
 PB117506BL

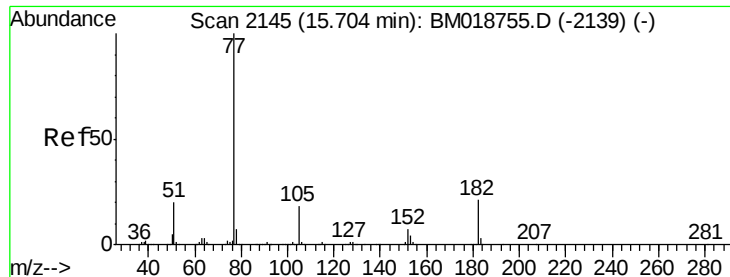
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.1	61.1
76	0.0	0.0	35.7



#52
 Acenaphthene
 Concen: 0.061 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.07 min
 Lab File: BM019039.D
 Acq: 05 Mar 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.3	136.9#
152	0.0	42.2	63.4#

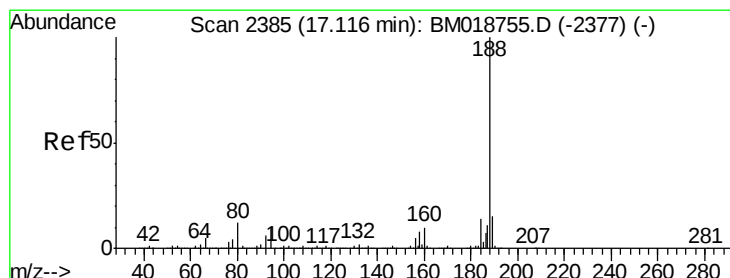
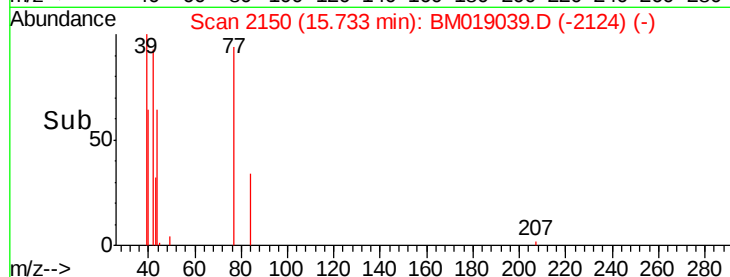
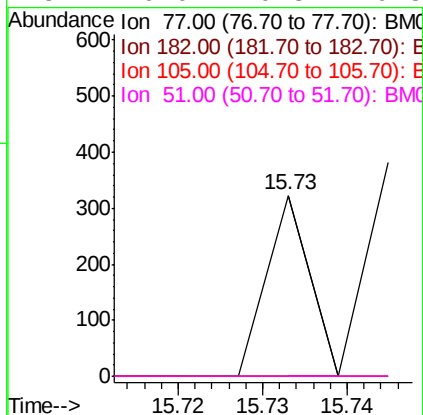
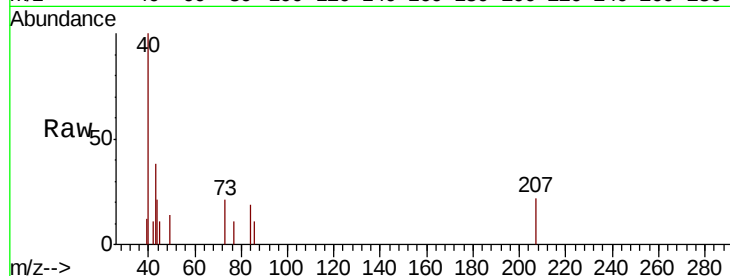




#63
Azobenzene
Concen: 0.003 ng
RT: 15.73 min Scan# 2150
Delta R.T. 0.05 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

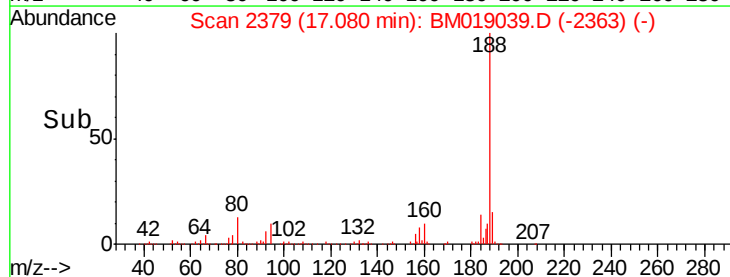
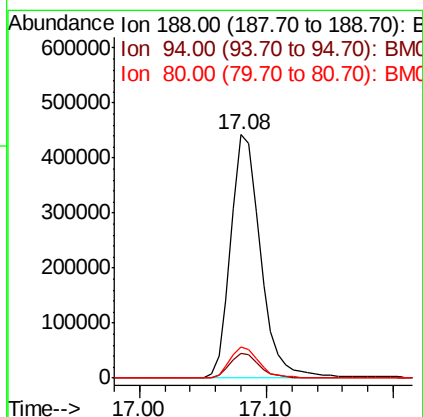
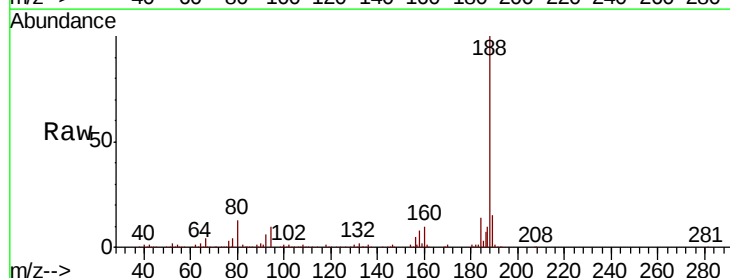
Instrument :
BNA_M
ClientSampleId :
PB117506BL

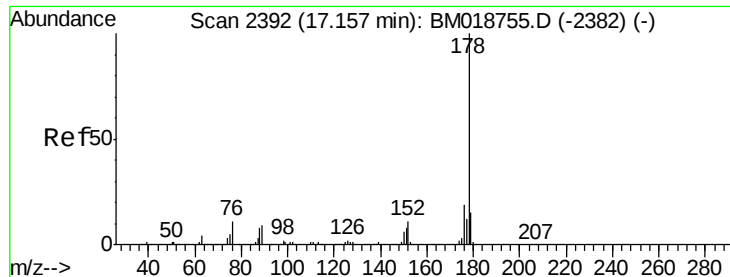
Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.0	41.0#
105	0.0	0.0	37.7
51	0.0	0.3	40.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.7	9.7	14.5

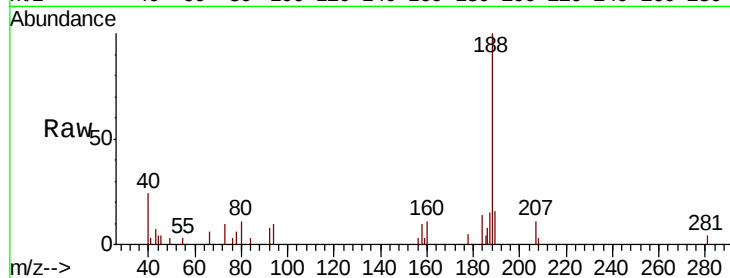




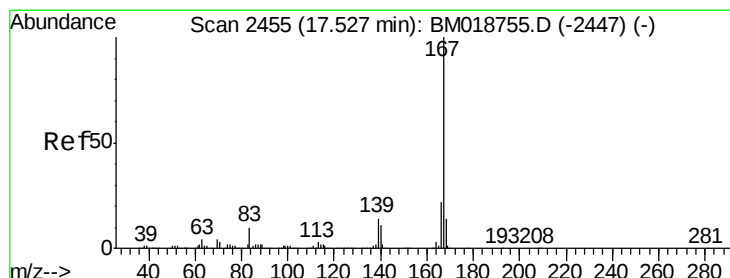
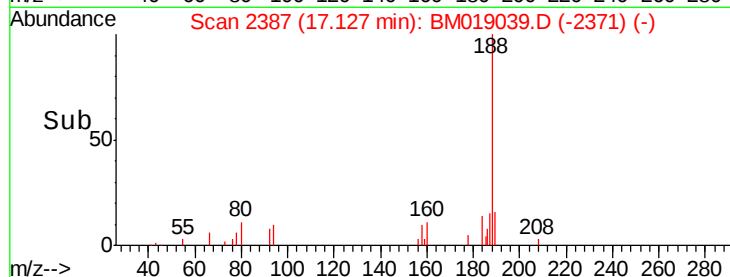
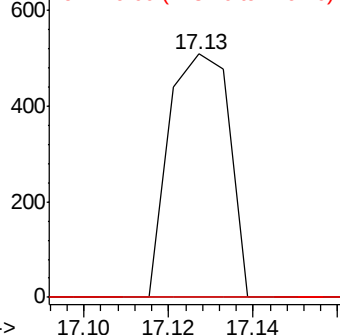
#71
Phenanthrene
Concen: 0.013 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB117506BL

Tgt Ion:178 Resp: 503
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 0.0 12.3 18.5#

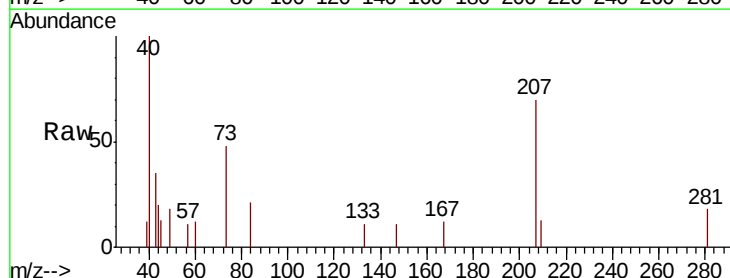


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

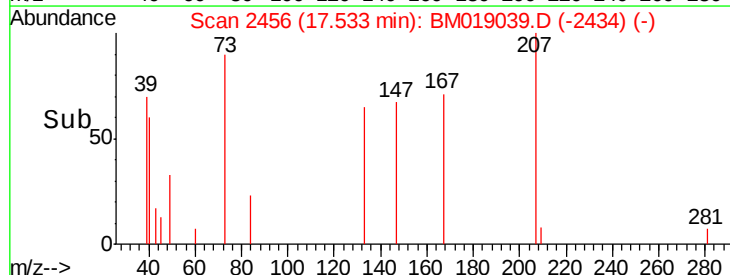
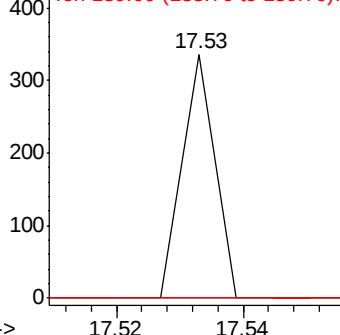


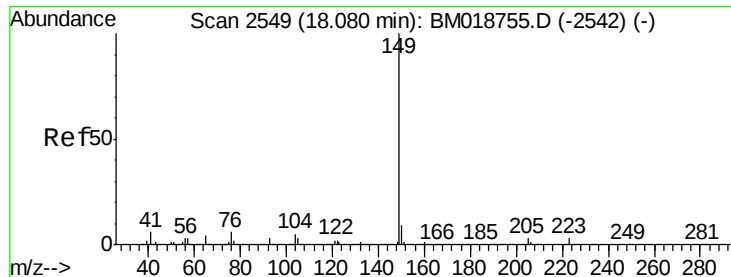
#73
Carbazole
Concen: 0.003 ng
RT: 17.53 min Scan# 2456
Delta R.T. 0.03 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:167 Resp: 119
Ion Ratio Lower Upper
167 100
166 0.0 17.7 26.5#
139 0.0 10.9 16.3#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

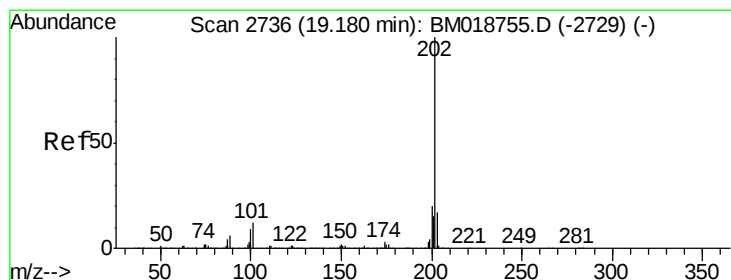
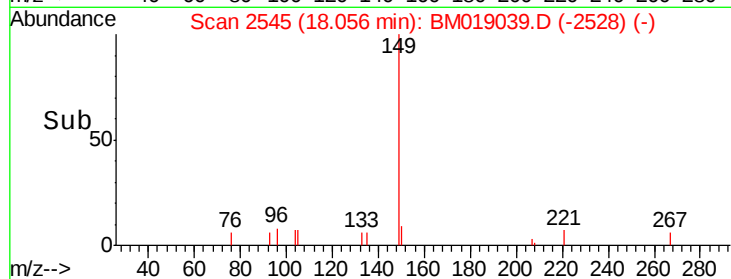
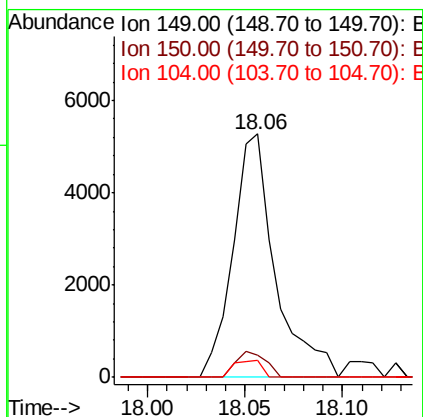
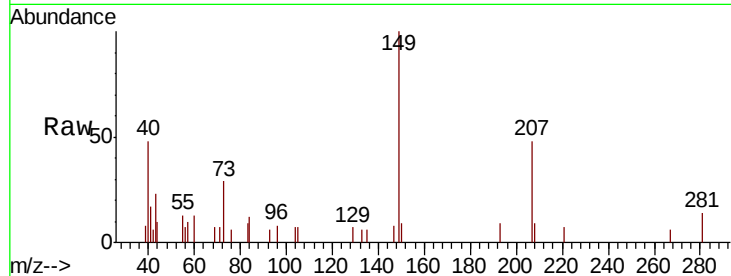




#74
Di-n-butylphthalate
Concen: 0.175 ng
RT: 18.06 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

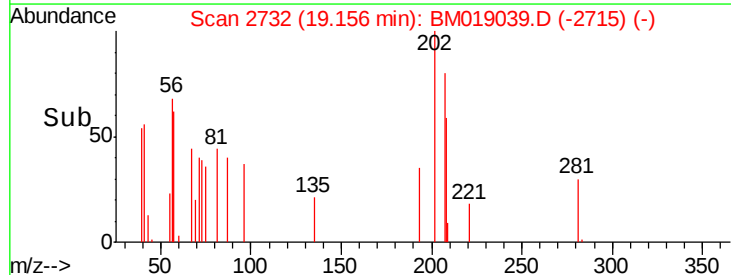
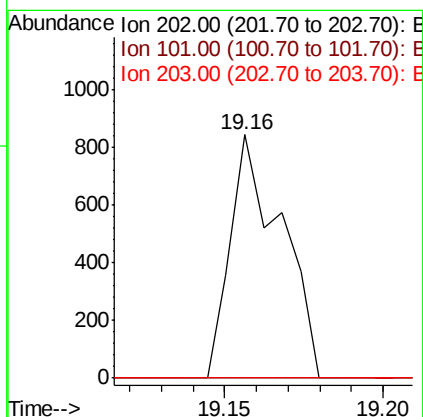
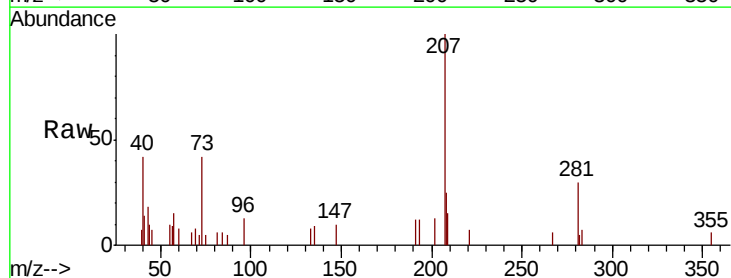
Instrument :
BNA_M
ClientSampleId :
PB117506BL

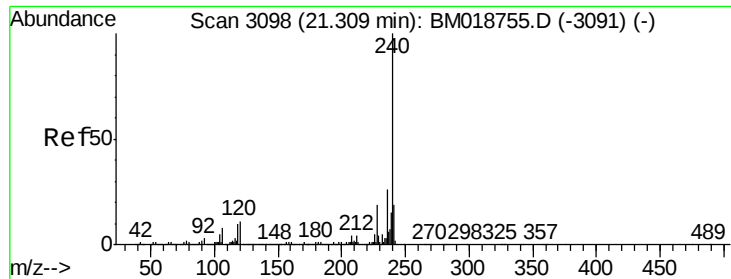
Tgt Ion:149 Resp: 7926
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 6.9 4.3 6.5#



#75
Fluoranthene
Concen: 0.021 ng
RT: 19.16 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:202 Resp: 941
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 0.0 37.3

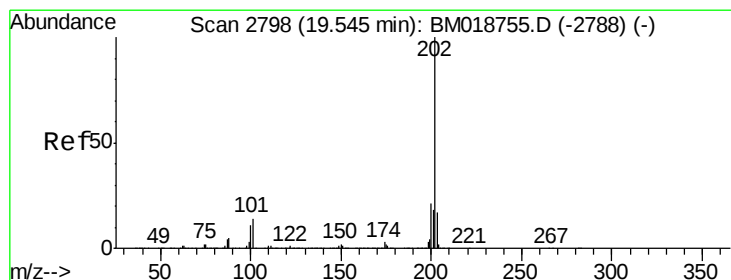
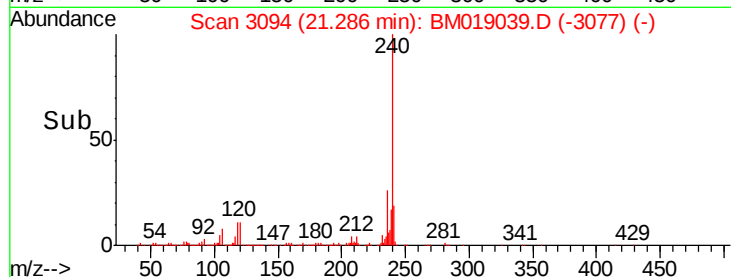
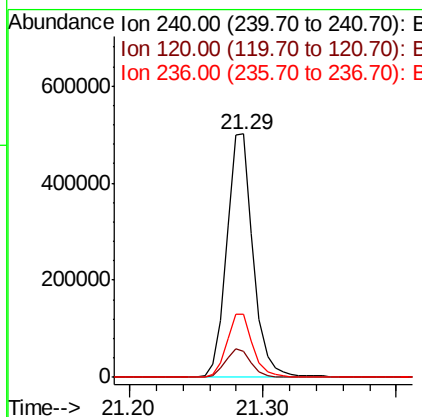
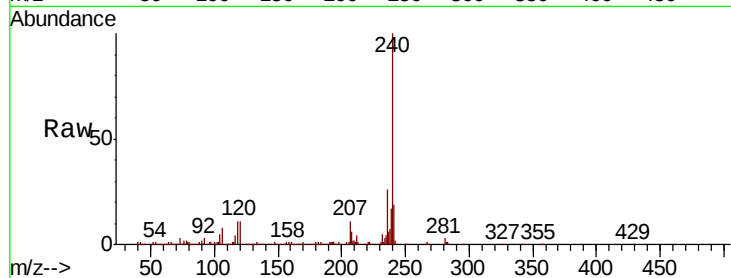




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

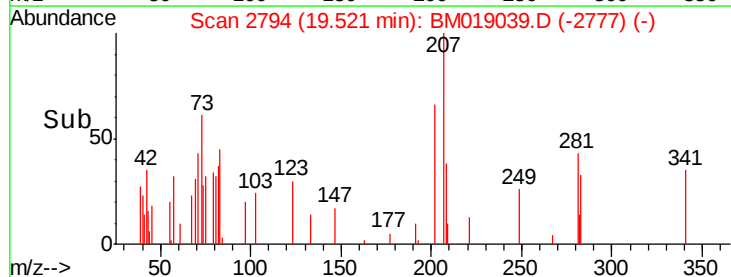
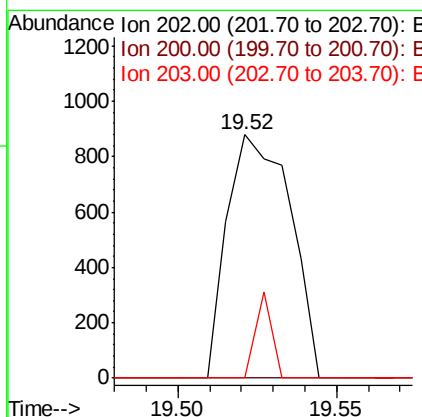
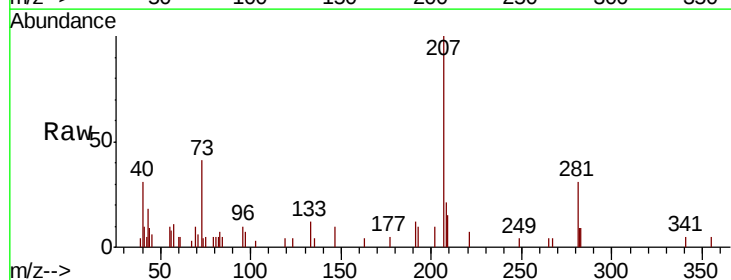
Instrument :
BNA_M
ClientSampleId :
PB117506BL

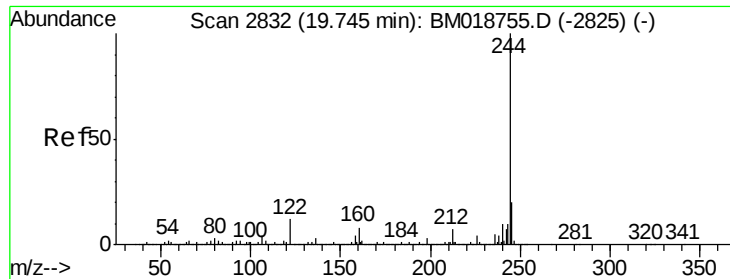
Tgt Ion:240 Resp: 696416
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 20.9 31.3



#78
Pyrene
Concen: 0.030 ng
RT: 19.52 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion:202 Resp: 1213
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 13.8 20.8#





#79

Terphenyl-d14

Concen: 58.310 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

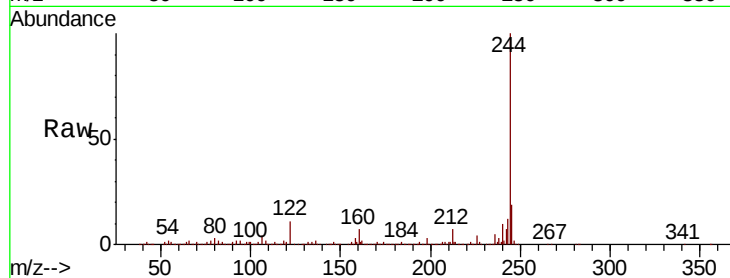
Tgt Ion:244 Resp: 1968492

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

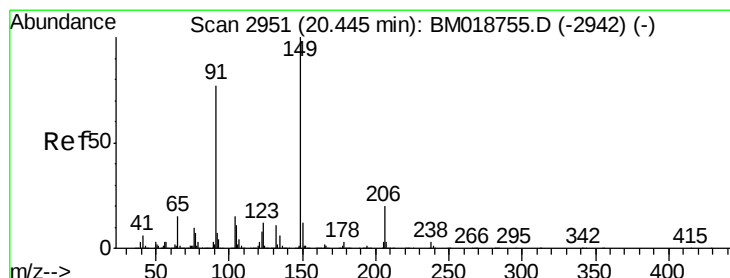
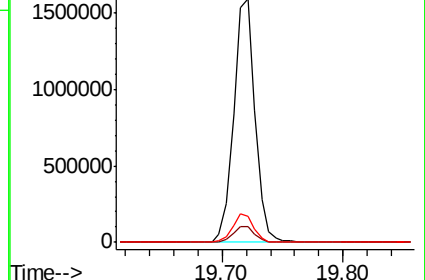
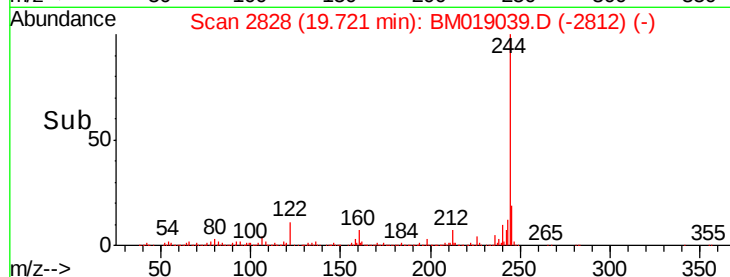
122 10.6 9.3 13.9



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: 0.113 ng

RT: 20.42 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

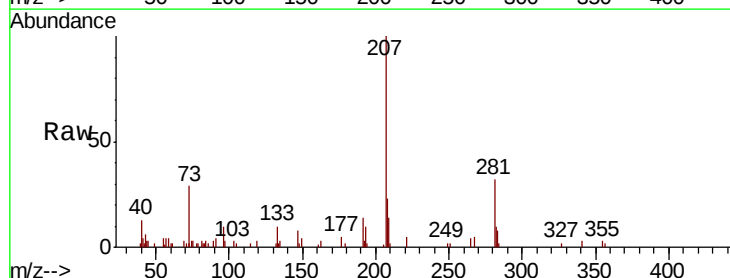
Tgt Ion:149 Resp: 2091

Ion Ratio Lower Upper

149 100

91 99.4 61.4 92.0#

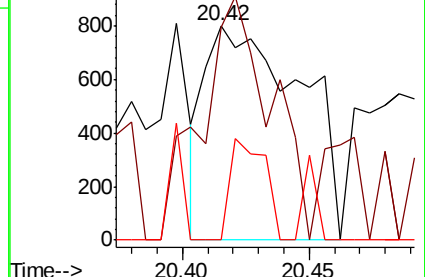
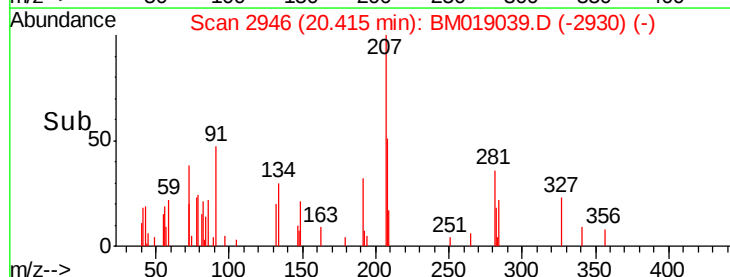
206 0.0 15.8 23.8#

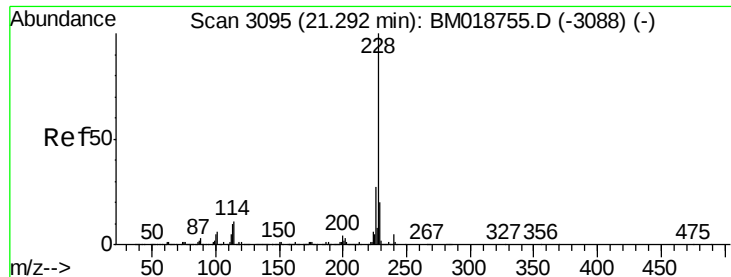


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.080 ng

RT: 21.28 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

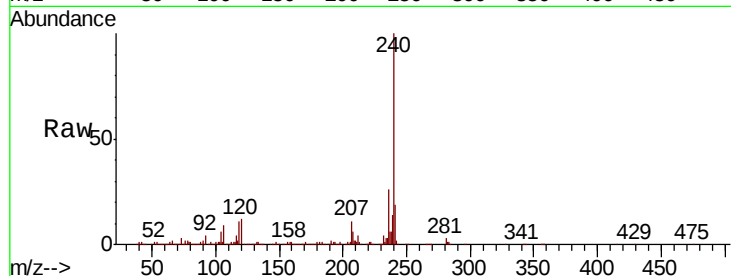
Tgt Ion: 228 Resp: 3232

Ion Ratio Lower Upper

228 100

226 0.0 21.9 32.9#

229 28.7 15.9 23.9#

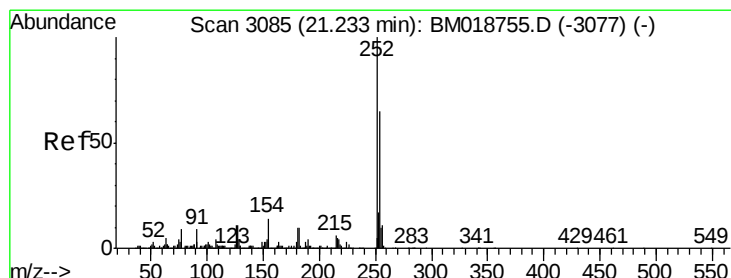
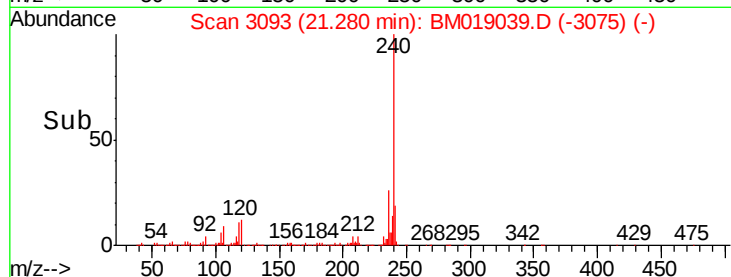
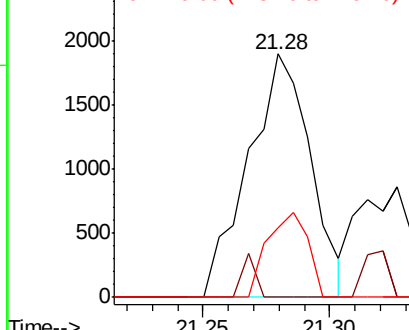


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 0.008 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

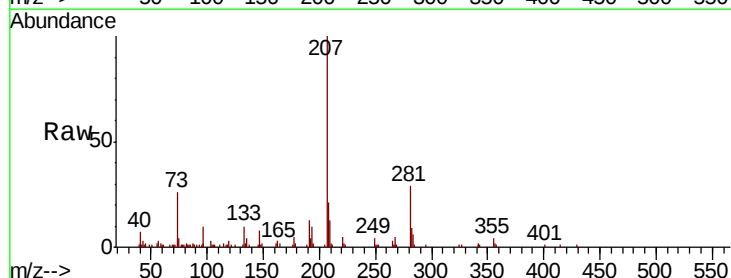
Tgt Ion: 252 Resp: 127

Ion Ratio Lower Upper

252 100

254 0.0 51.8 77.8#

126 0.0 9.1 13.7#

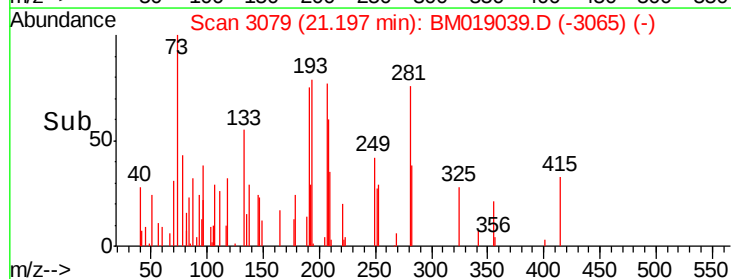
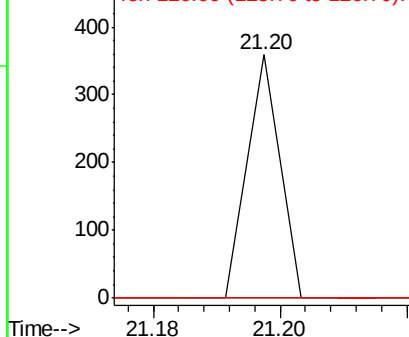


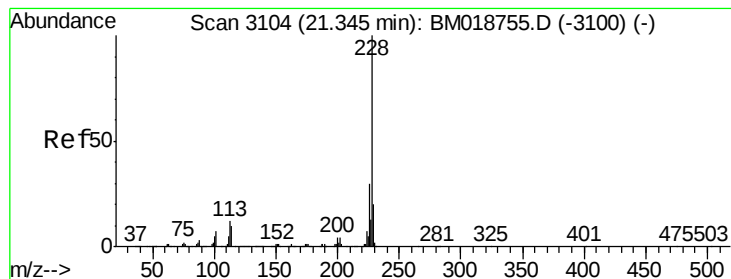
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.035 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

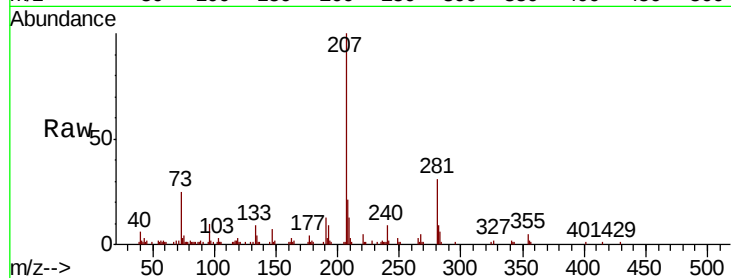
Tgt Ion: 228 Resp: 1343

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

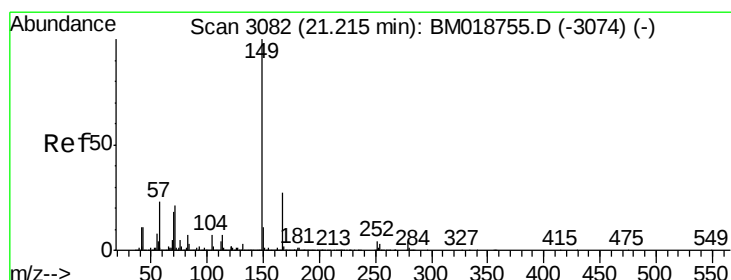
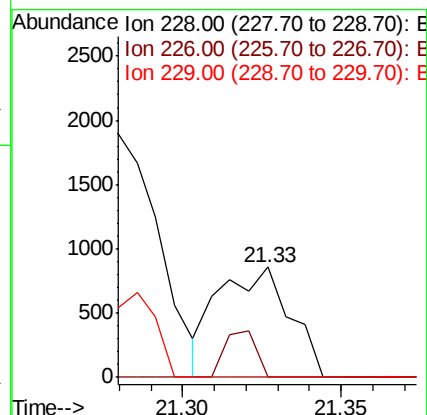
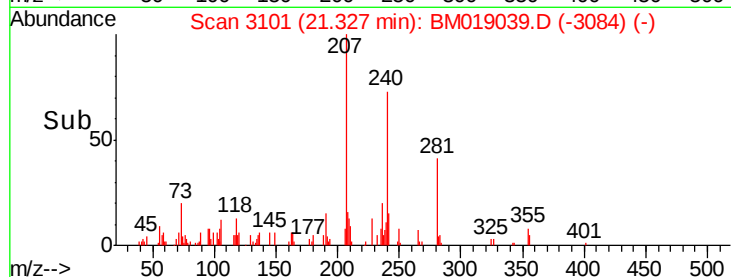
229 0.0 16.0 24.0#



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: 0.058 ng

RT: 21.19 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

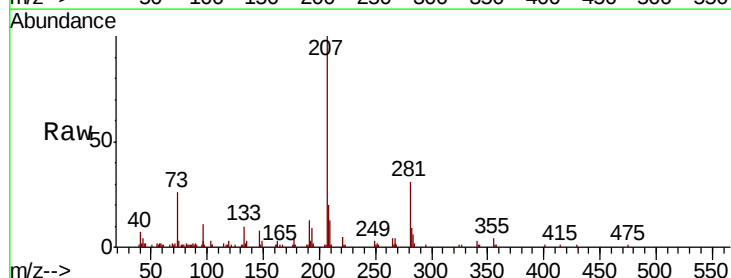
Tgt Ion: 149 Resp: 1559

Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.6

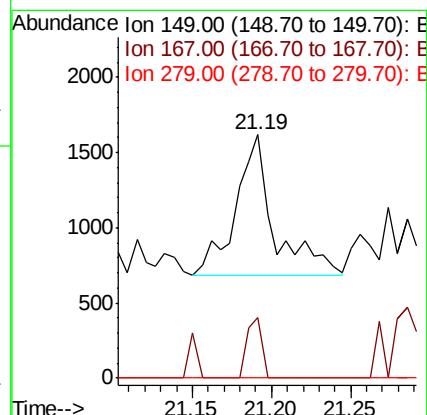
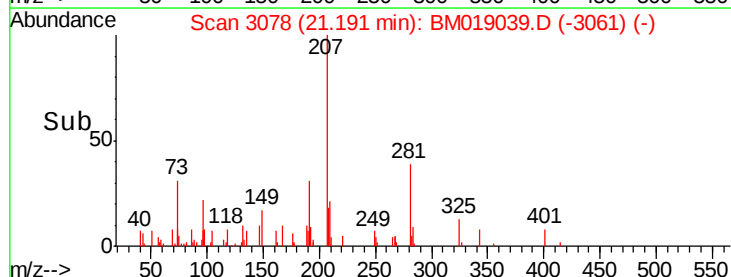
279 0.0 3.6 5.4#

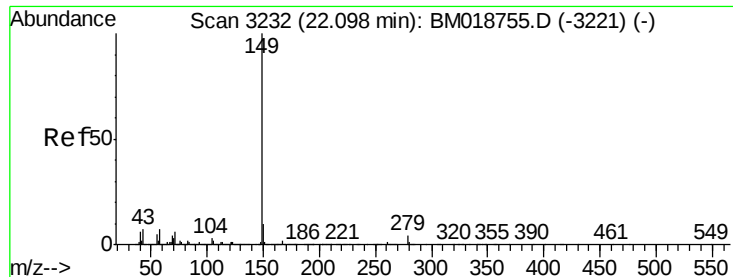


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.024 ng

RT: 22.06 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

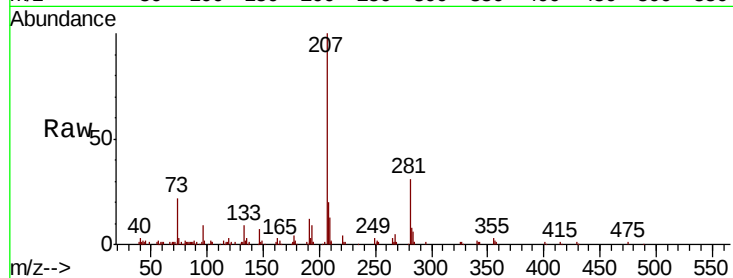
Tgt Ion:149 Resp: 1082

Ion Ratio Lower Upper

149 100

167 47.2 1.3 1.9#

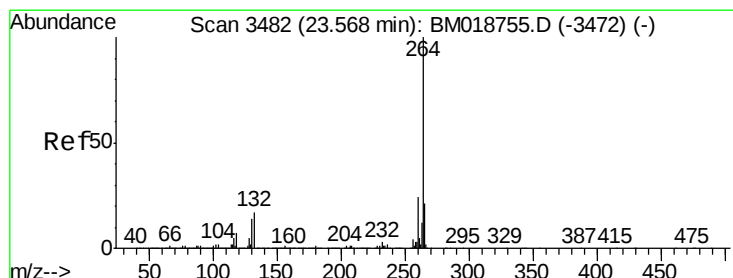
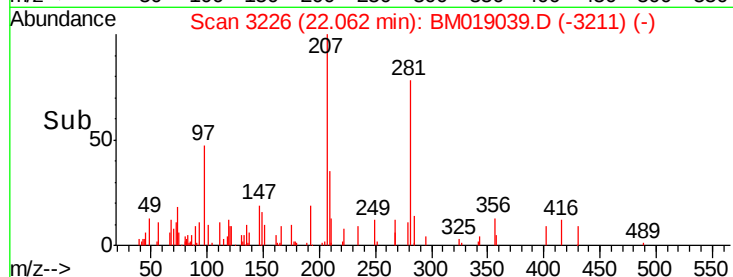
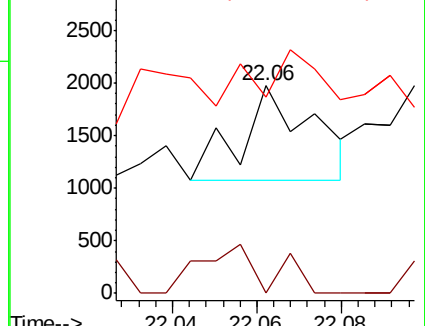
43 51.8 6.0 9.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

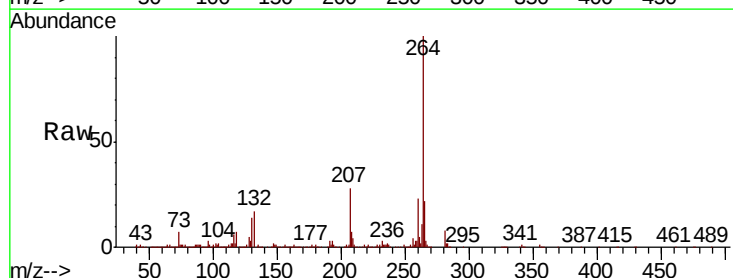
Tgt Ion:264 Resp: 763327

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

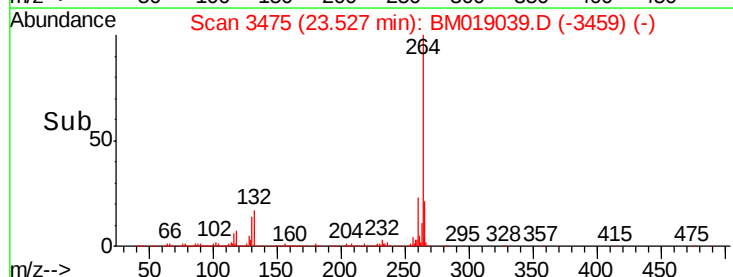
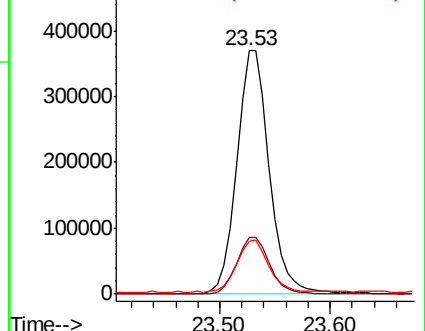
265 21.9 17.3 25.9

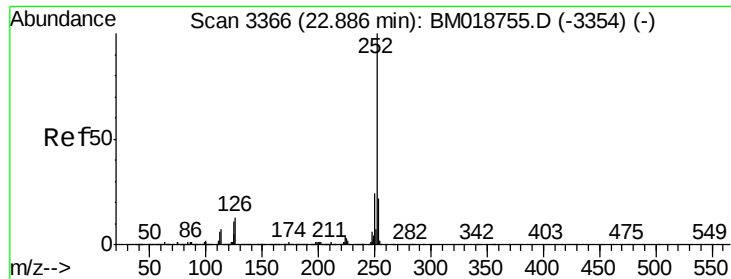


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

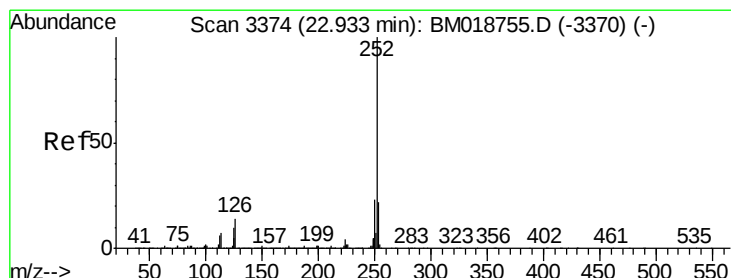
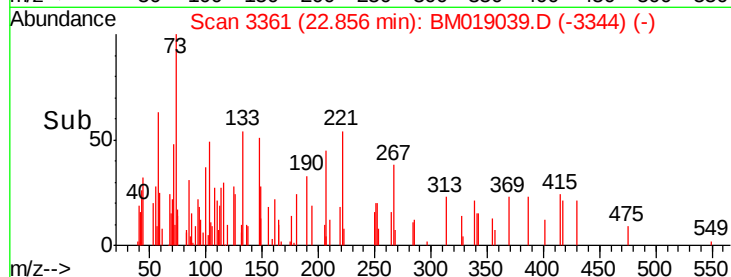
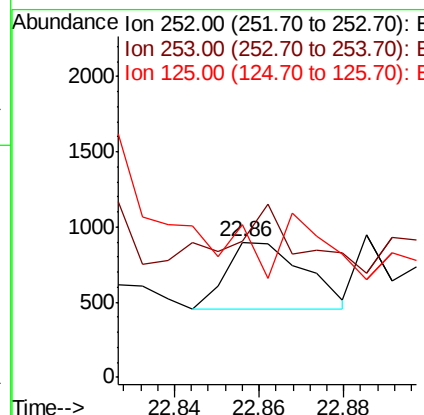
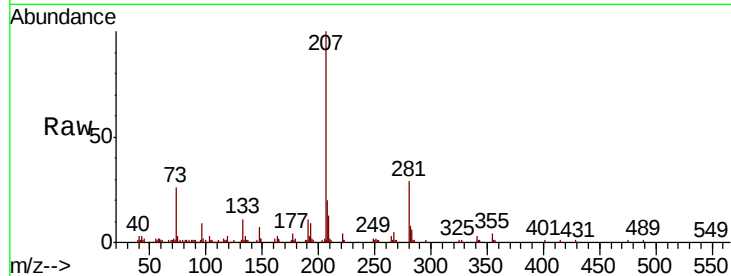




#88
Benzo(b)fluoranthene
Concen: 0.013 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

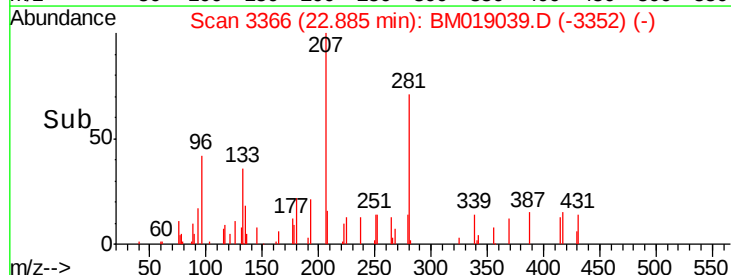
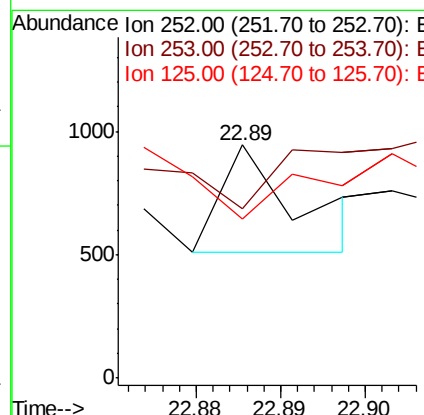
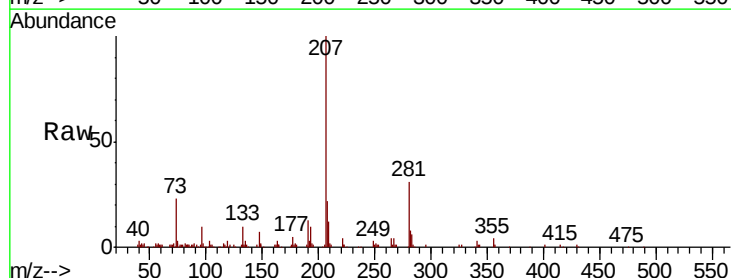
Instrument :
BNA_M
ClientSampleId :
PB117506BL

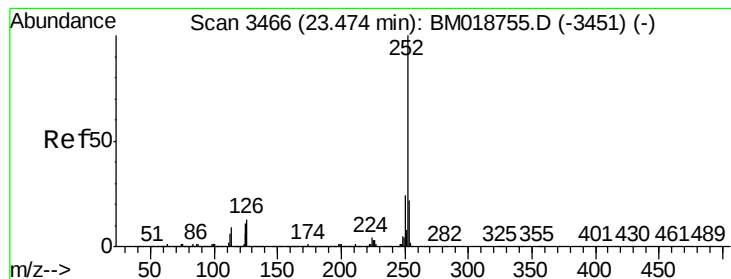
Tgt Ion: 252 Resp: 570
Ion Ratio Lower Upper
252 100
253 101.1 17.8 26.6#
125 112.6 8.6 12.8#



#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.02 min
Lab File: BM019039.D
Acq: 05 Mar 2019 16:36

Tgt Ion: 252 Resp: 276
Ion Ratio Lower Upper
252 100
253 72.9 17.7 26.5#
125 100.6 8.2 12.4#





#90

Benzo(a)pyrene

Concen: 0.012 ng

RT: 23.43 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM019039.D

Acq: 05 Mar 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB117506BL

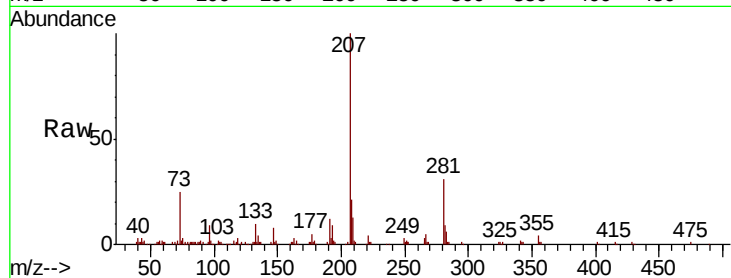
Tgt Ion: 252 Resp: 479

Ion Ratio Lower Upper

252 100

253 106.1 17.4 26.0#

125 112.1 8.6 13.0#



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

