

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018316.D
 Acq On : 20 Dec 2018 03:01
 Operator : JU/SJ
 Sample : J6379-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

Quant Time: Dec 20 05:47:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	95420	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	345192	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	176020	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	362217	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	436476	20.00	ng	-0.02
87) Perylene-d12	23.29	264	489169	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	635414	111.24	ng	0.00
7) Phenol-d6	6.69	99	829821	104.52	ng	-0.02
23) Nitrobenzene-d5	8.64	82	540002	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	257589	99.71	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1013173	74.55	ng	-0.02
79) Terphenyl-d14	19.56	244	1275656	66.10	ng	-0.01

Target Compounds

						Qvalue
3) Pyridine	3.50	79	136	0.020	ng	# 34
4) n-Nitrosodimethylamine	3.38	42	1261	0.550	ng	# 1
6) Aniline	6.78	93	26002	2.611	ng	# 53
9) Benzaldehyde	6.69	77	3838	0.793	ng	# 17
10) Phenol	6.71	94	48290	5.743	ng	# 88
11) bis(2-Chloroethyl)ether	6.91	93	622	0.093	ng	# 23
15) Benzyl Alcohol	7.79	79	10648	1.646	ng	# 53
22) Acetophenone	8.32	105	656	0.072	ng	# 56
24) Nitrobenzene	8.69	77	107	0.016	ng	# 40
46) 1,1'-Biphenyl	12.97	154	2389	0.151	ng	# 83
49) Acenaphthylene	13.87	152	1707	0.097	ng	# 61
50) Dimethylphthalate	13.62	163	56335	3.850	ng	# 98
52) Acenaphthene	14.14	154	473	0.044	ng	# 5
63) Azobenzene	15.49	77	531	0.037	ng	# 51
71) Phenanthrene	16.95	178	17614	0.895	ng	# 99
72) Anthracene	17.05	178	4463	0.229	ng	# 95
73) Carbazole	17.34	167	1754	0.088	ng	# 60
74) Di-n-butylphthalate	17.89	149	1206	0.049	ng	# 78
75) Fluoranthene	18.98	202	207484	9.070	ng	# 99
77) Benzidine	19.12	184	111	0.010	ng	# 1
78) Pyrene	19.34	202	178151	6.850	ng	# 99
80) Butylbenzylphthalate	20.29	149	220	0.018	ng	# 51
81) Benzo(a)anthracene	21.11	228	190597	7.475	ng	# 98
82) 3,3'-Dichlorobenzidine	21.06	252	1499	0.147	ng	# 27
83) Chrysene	21.16	228	211072	8.607	ng	# 99
84) Bis(2-ethylhexyl)phthalate	21.05	149	2904	0.157	ng	# 82
85) Di-n-octyl phthalate	21.92	149	558	0.018	ng	# 53
86) Indeno(1,2,3-cd)pyrene	25.41	276	155535	6.367	ng	# 93
88) Benzo(b)fluoranthene	22.64	252	326749	11.891	ng	# 100
89) Benzo(k)fluoranthene	22.64	252	326326	11.925	ng	# 98
90) Benzo(a)pyrene	23.19	252	187602	7.179	ng	# 98
91) Dibenzo(a,h)anthracene	25.41	278	45491	1.879	ng	# 84
92) Benzo(g,h,i)perylene	26.06	276	138575	6.056	ng	# 98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

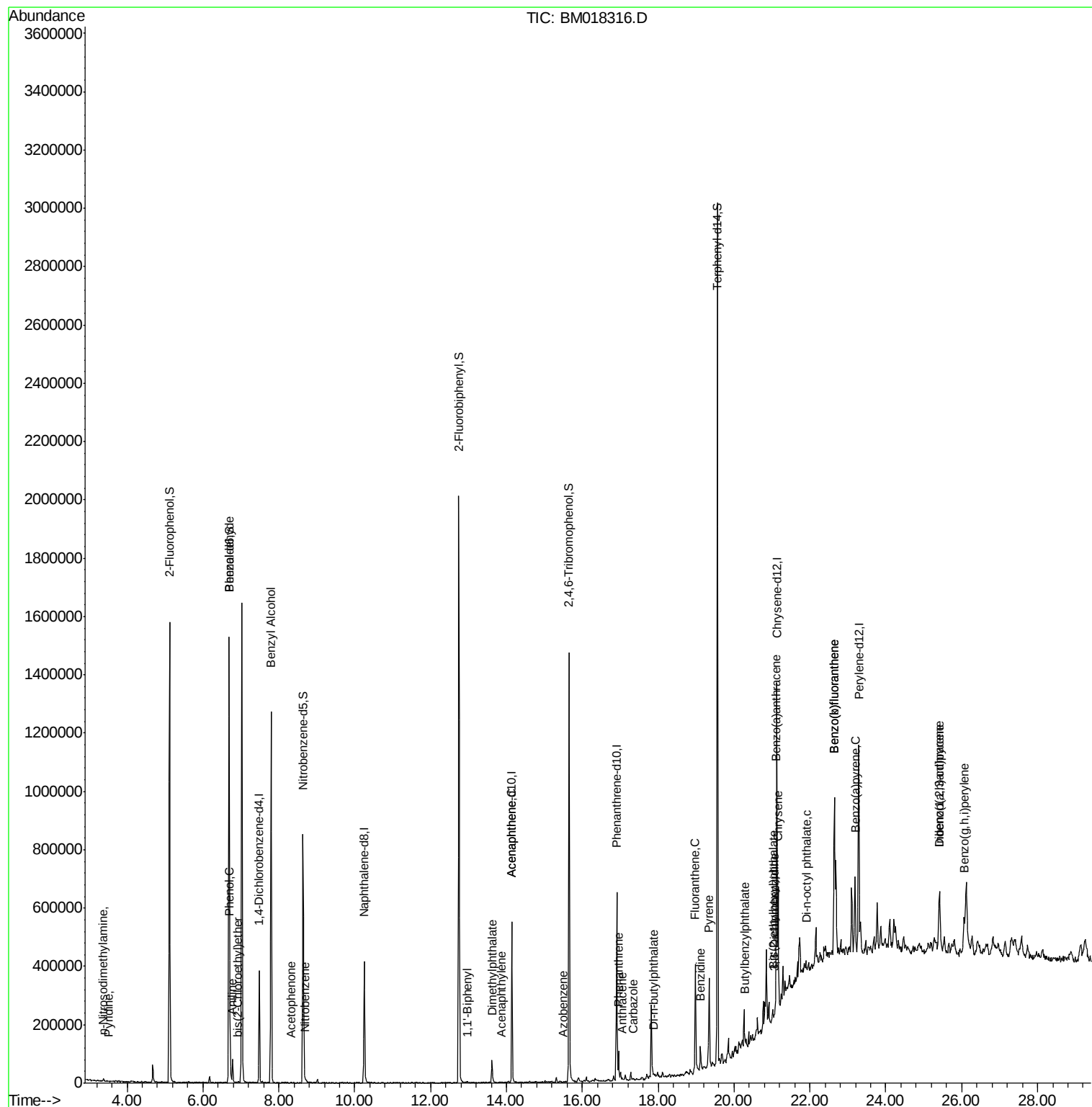
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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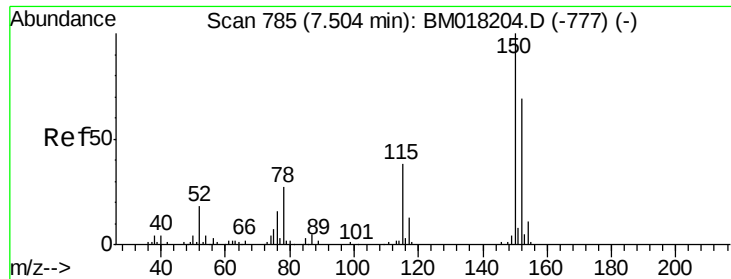
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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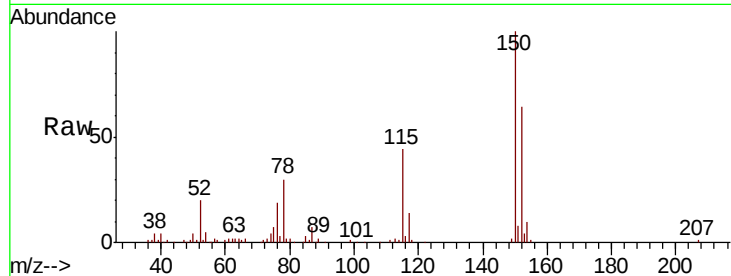


#1

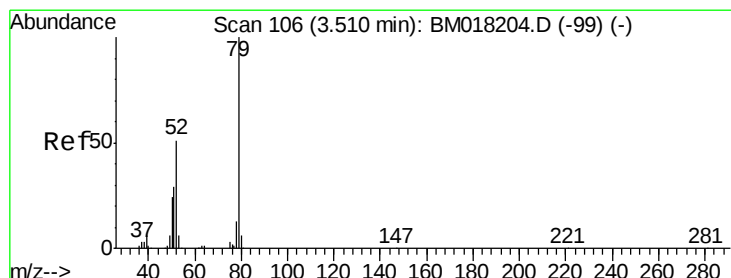
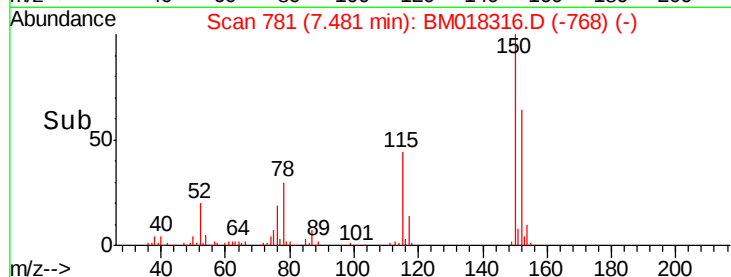
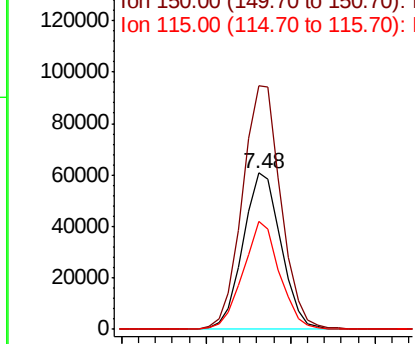
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tgt Ion: 152 Resp: 95420
Ion Ratio Lower Upper
152 100
150 155.8 116.1 174.1
115 68.8 44.6 67.0#



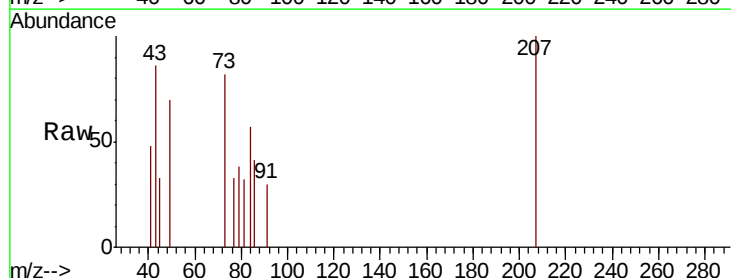
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



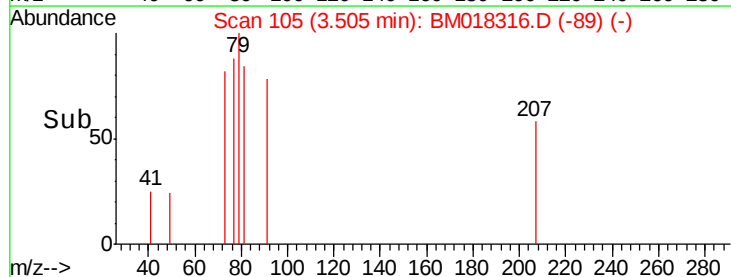
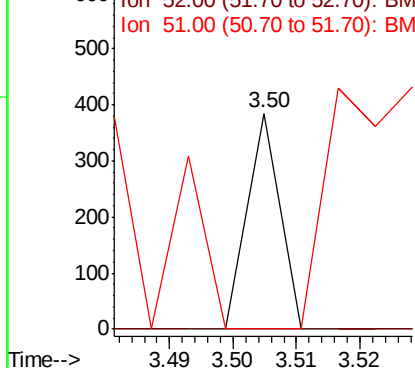
#3

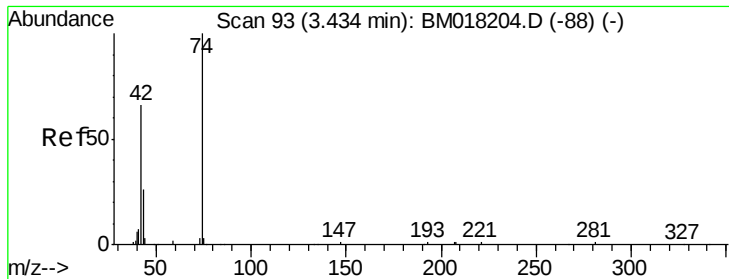
Pyridine
Concen: 0.020 ng
RT: 3.50 min Scan# 105
Delta R.T. -0.01 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion: 79 Resp: 136
Ion Ratio Lower Upper
79 100
52 0.0 40.7 61.1#
51 0.0 23.0 34.6#



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





#4

n-Nitrosodimethylamine

Concen: 0.550 ng

RT: 3.38 min Scan# 84

Delta R.T. -0.05 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

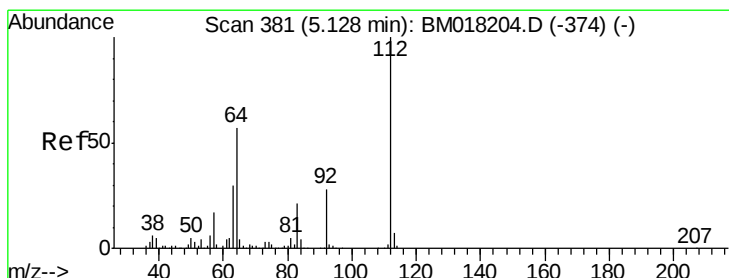
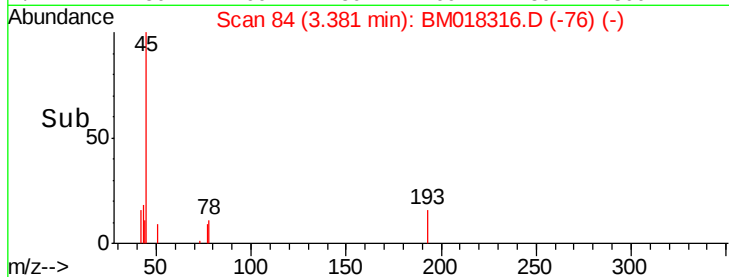
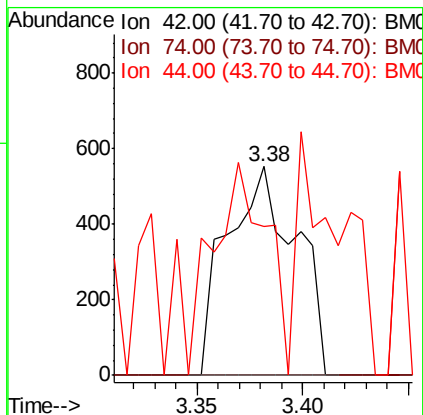
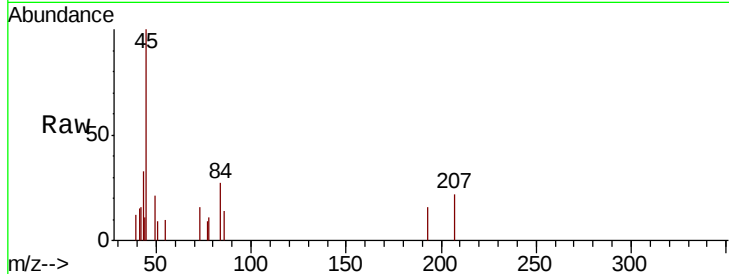
Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

Tgt Ion:	42	Resp:	1261
Ion	Ratio	Lower	Upper
42	100		
74	0.0	120.4	180.6#
44	71.4	4.6	7.0#



#5

2-Fluorophenol

Concen: 111.240 ng

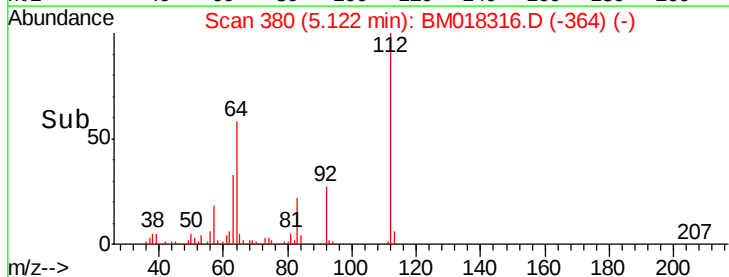
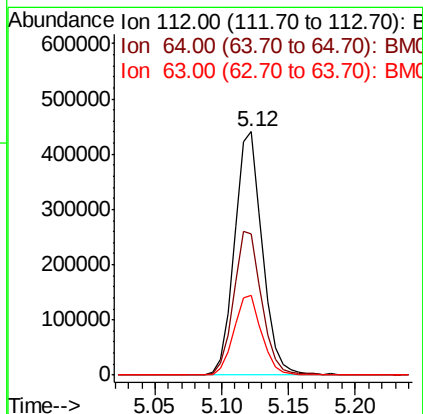
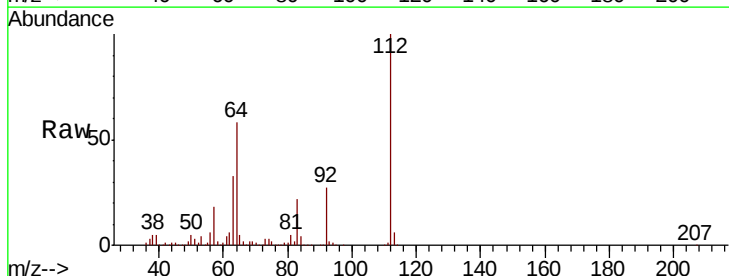
RT: 5.12 min Scan# 380

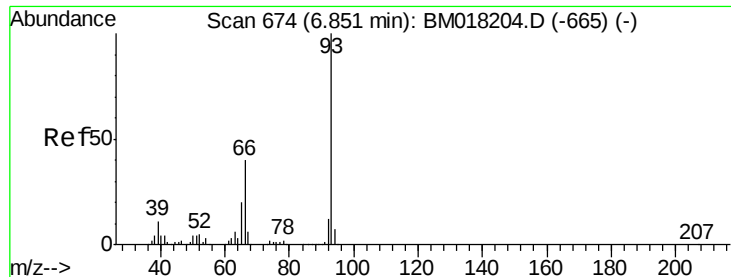
Delta R.T. -0.01 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion:	112	Resp:	635414
Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.4	68.2
63	32.6	24.0	36.0





#6

Aniline

Concen: 2.611 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.07 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

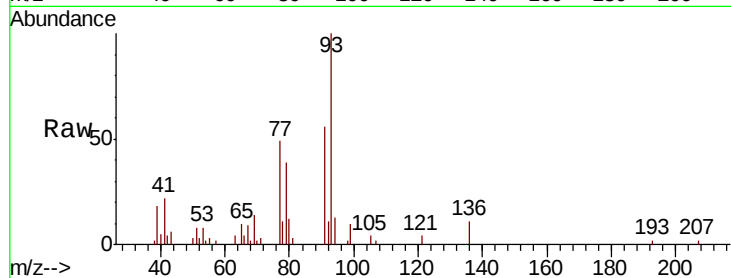
Tgt Ion: 93 Resp: 26002

Ion Ratio Lower Upper

93 100

66 3.7 32.3 48.5#

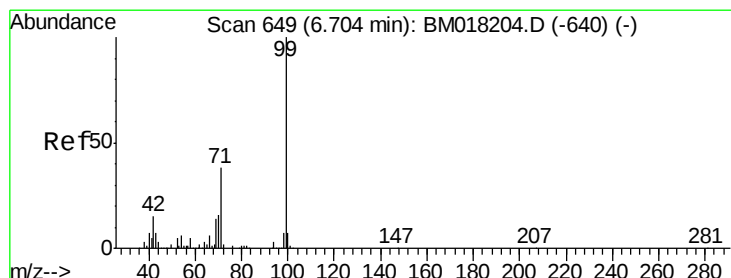
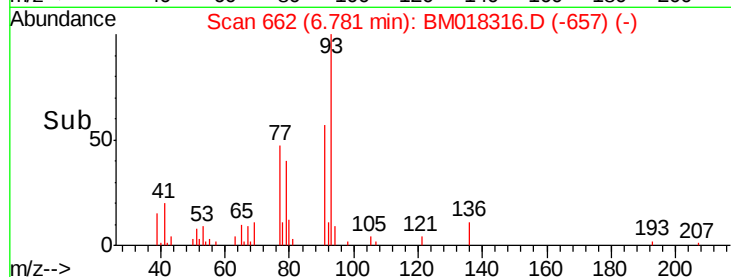
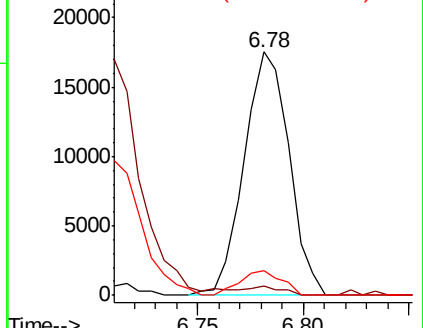
65 10.3 16.2 24.4#



Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-665) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-665) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-665) (-)



#7

Phenol-d6

Concen: 104.520 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

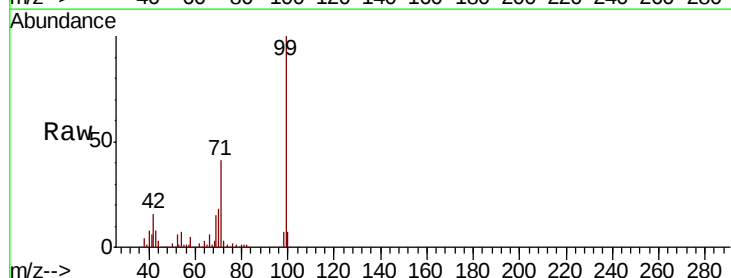
Tgt Ion: 99 Resp: 829821

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

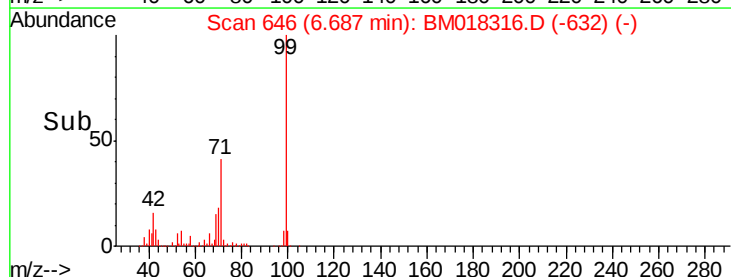
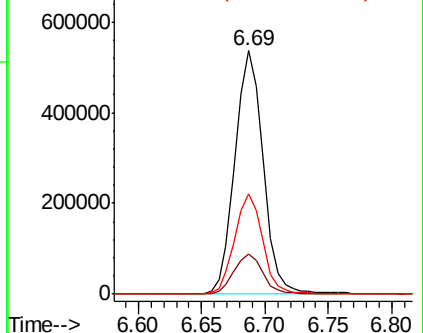
71 41.0 30.2 45.2

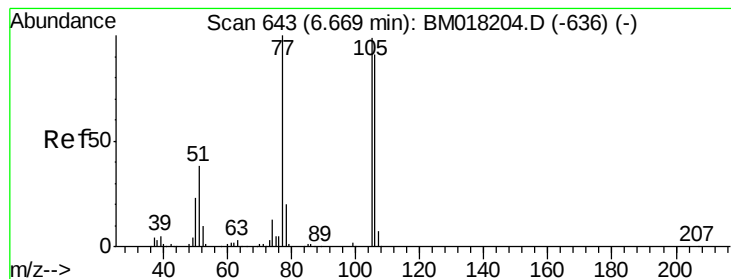


Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)





#9

Benzaldehyde

Concen: 0.793 ng

RT: 6.69 min Scan# 647

Delta R.T. 0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

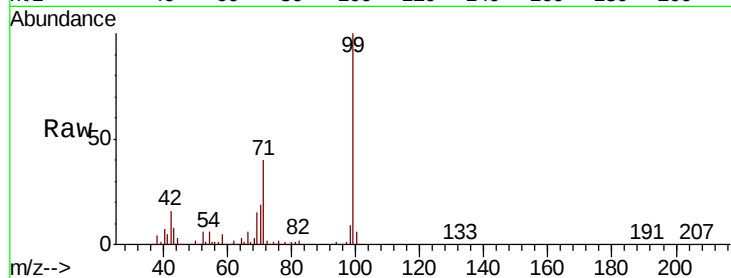
Tgt Ion: 77 Resp: 3838

Ion Ratio Lower Upper

77 100

105 27.4 78.8 118.8#

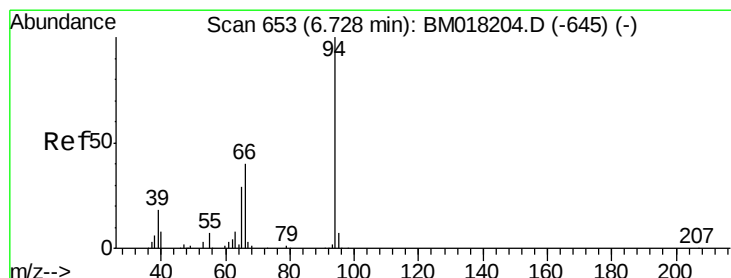
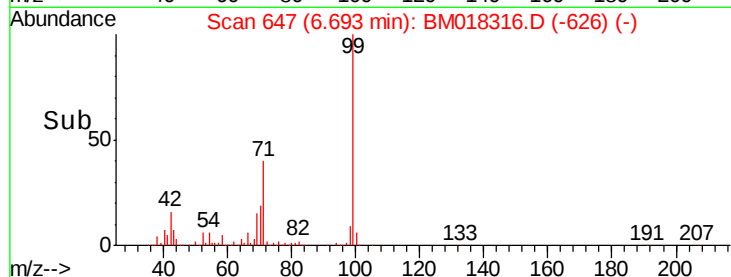
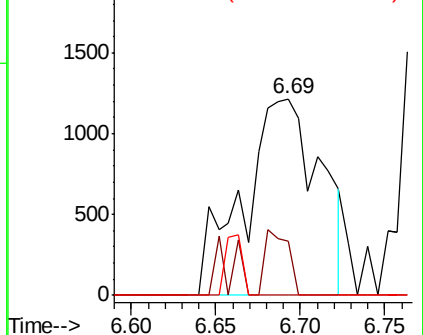
106 0.0 70.7 110.7#



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)



#10

Phenol

Concen: 5.743 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

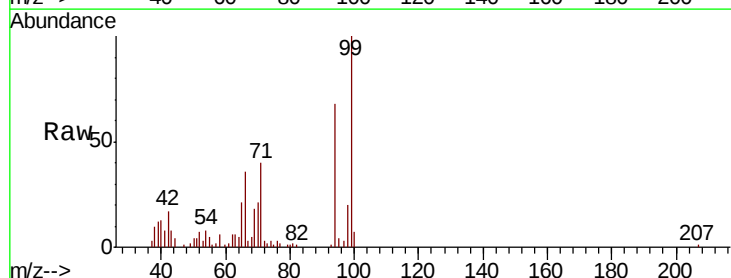
Tgt Ion: 94 Resp: 48290

Ion Ratio Lower Upper

94 100

65 30.5 9.5 49.5

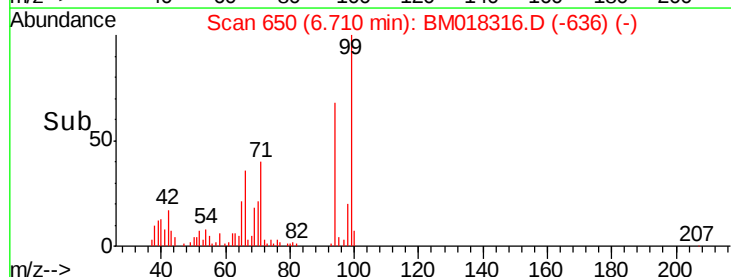
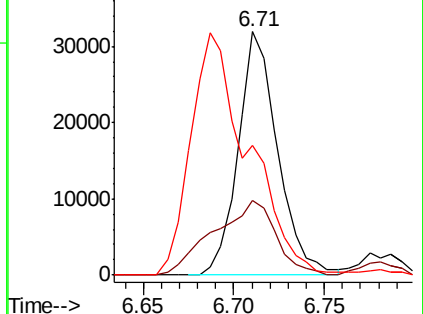
66 53.4 21.3 61.3

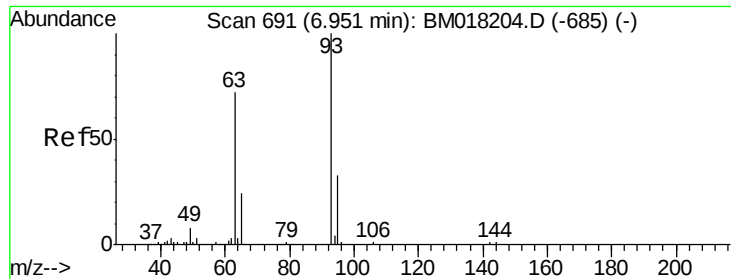


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

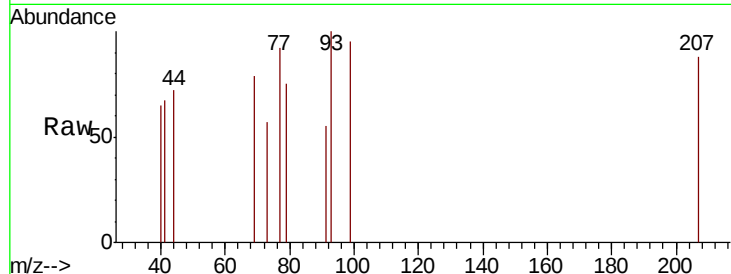




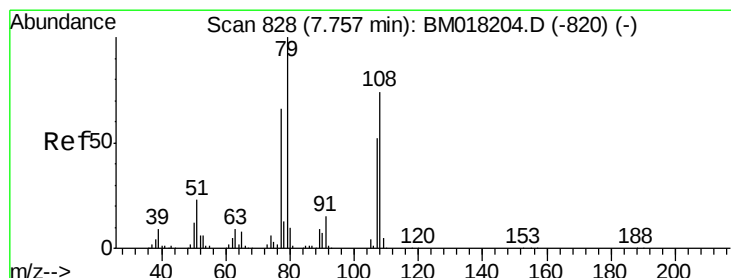
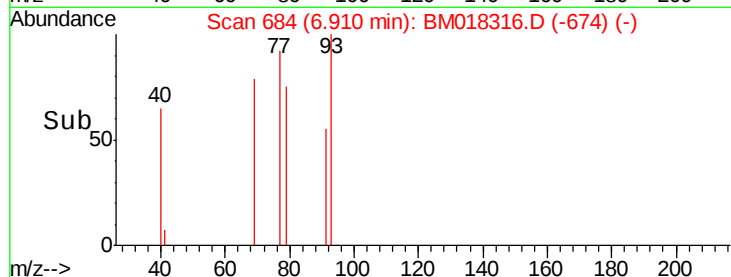
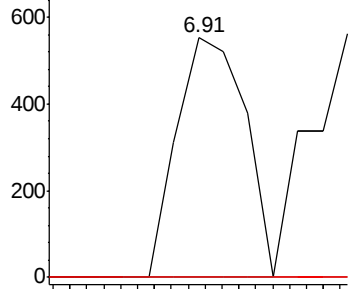
#11
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 6.91 min Scan# 684
Delta R.T. -0.04 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
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P001-SS003-0612-01

Tgt Ion: 93 Resp: 622
Ion Ratio Lower Upper
93 100
63 0.0 51.7 91.7#
95 0.0 13.1 53.1#

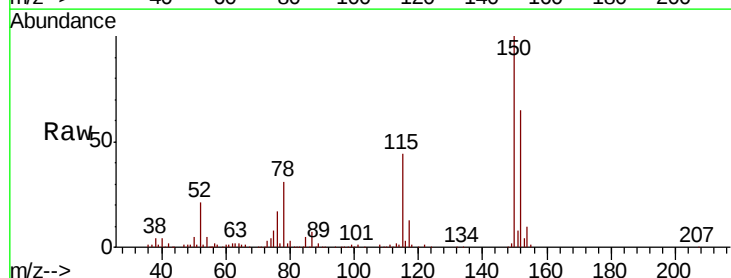


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

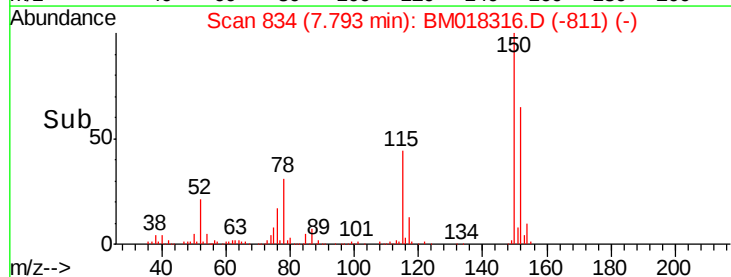
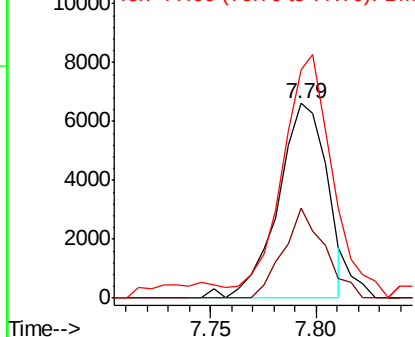


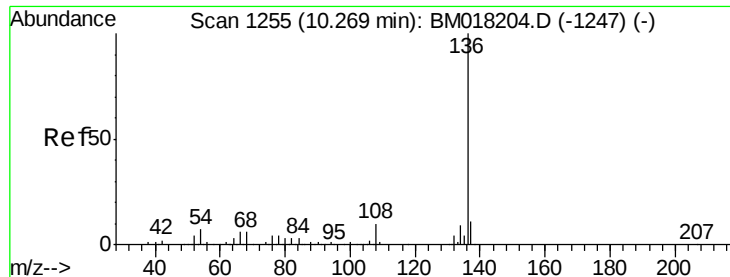
#15
Benzyl Alcohol
Concen: 1.646 ng
RT: 7.79 min Scan# 834
Delta R.T. 0.04 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion: 79 Resp: 10648
Ion Ratio Lower Upper
79 100
108 46.4 59.3 88.9#
77 116.9 53.0 79.4#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0

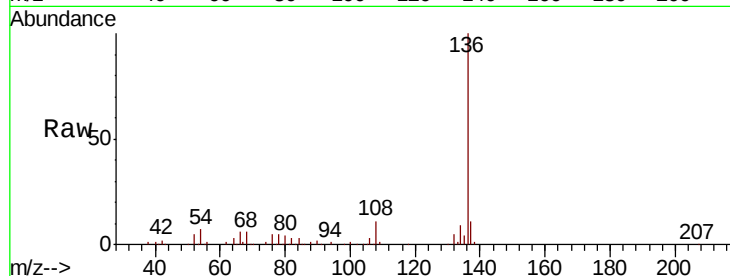




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:	136	Resp:	345192
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.6	5.2	7.8
68	5.5	5.0	7.6



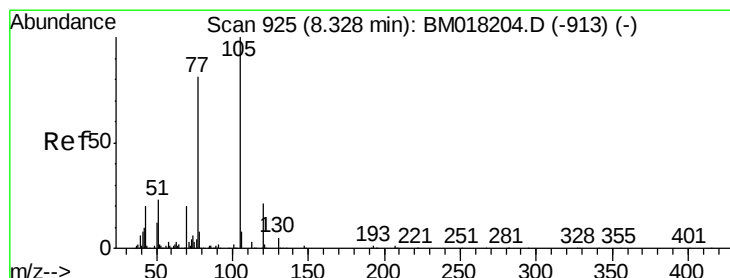
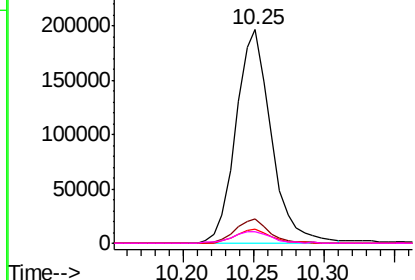
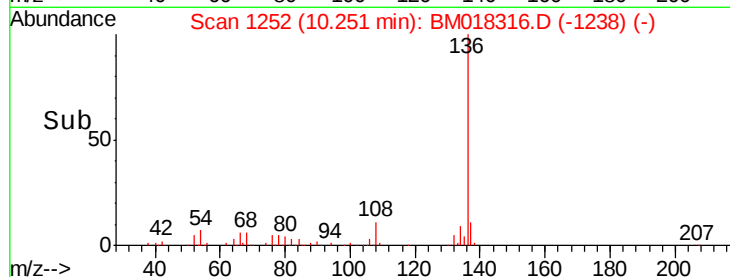
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

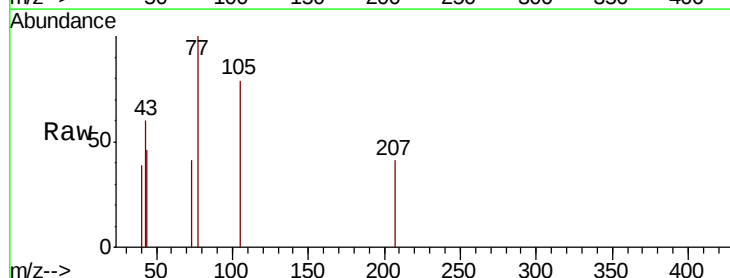
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 0.072 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:	105	Resp:	656
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	4.0#
51	0.0	18.3	27.5#
120	0.0	17.0	25.6#



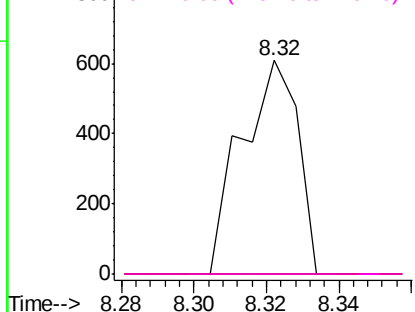
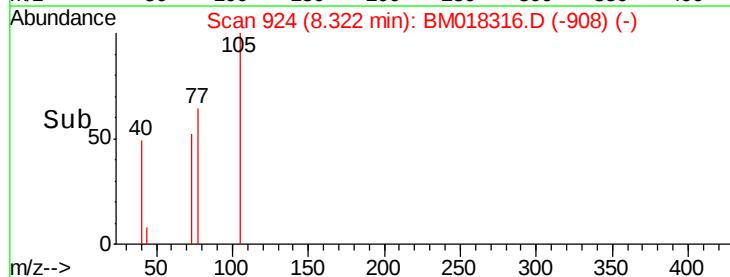
Abundance

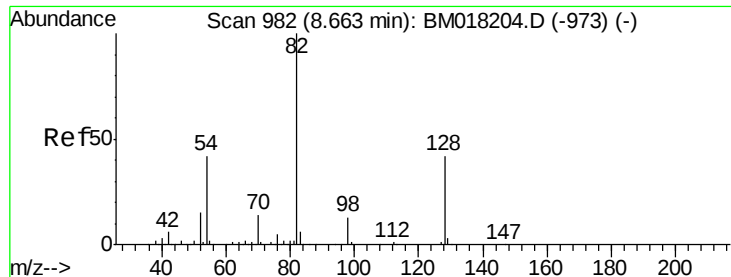
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

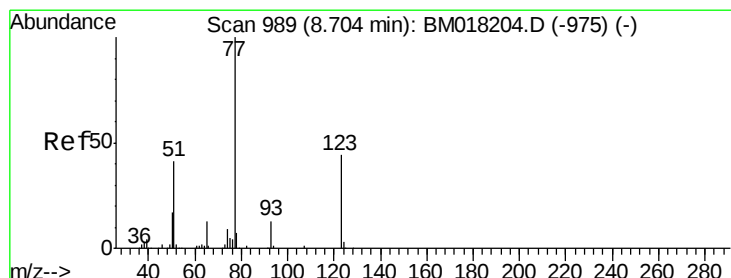
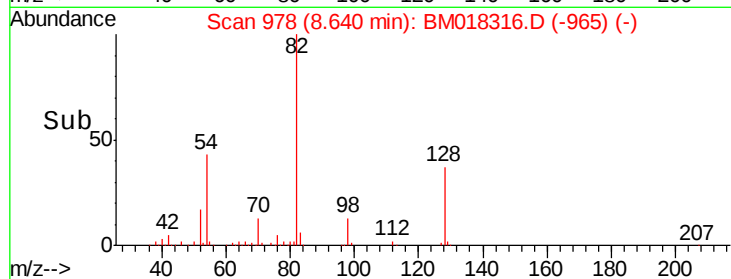
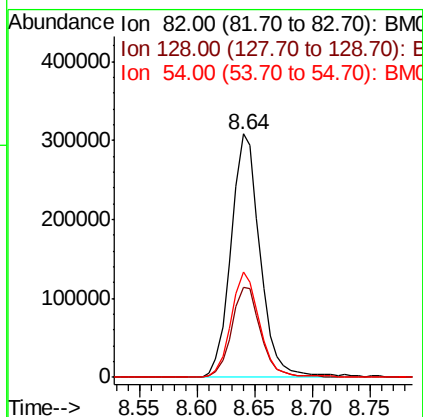
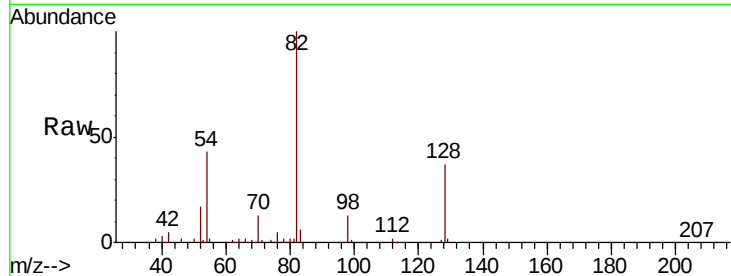




#23
Nitrobenzene-d5
Concen: 80.241 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

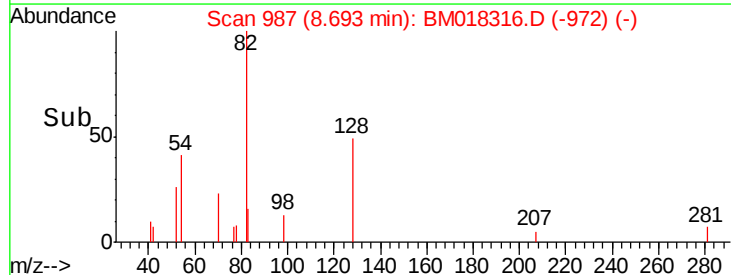
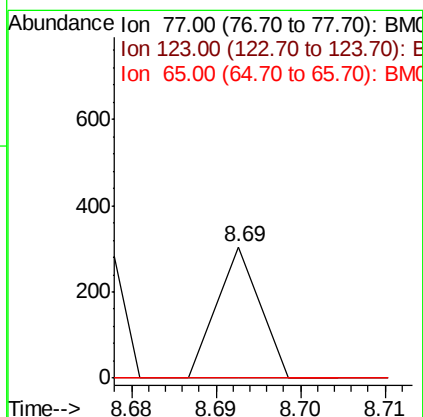
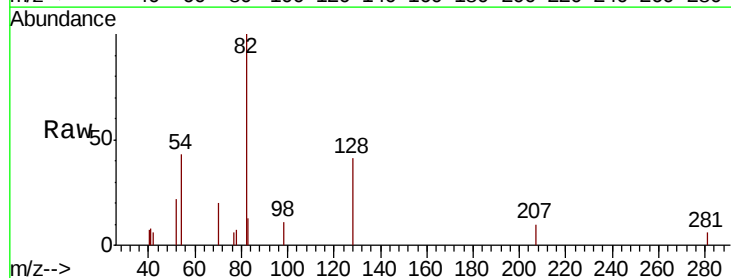
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

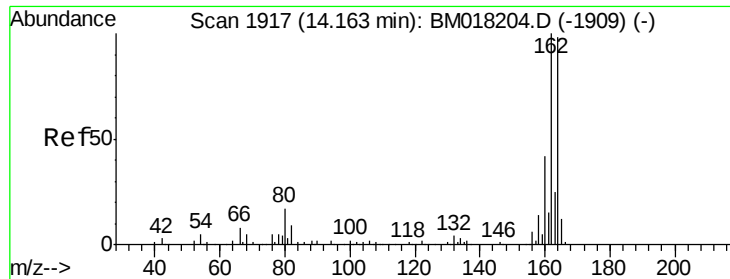
Tgt Ion: 82 Resp: 540002
Ion Ratio Lower Upper
82 100
128 36.9 33.4 50.2
54 43.2 33.4 50.2



#24
Nitrobenzene
Concen: 0.016 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion: 77 Resp: 107
Ion Ratio Lower Upper
77 100
123 0.0 35.4 53.2#
65 0.0 10.6 15.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

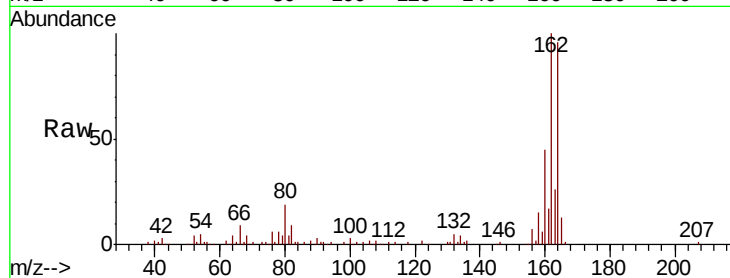
Tgt Ion:164 Resp: 176020

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

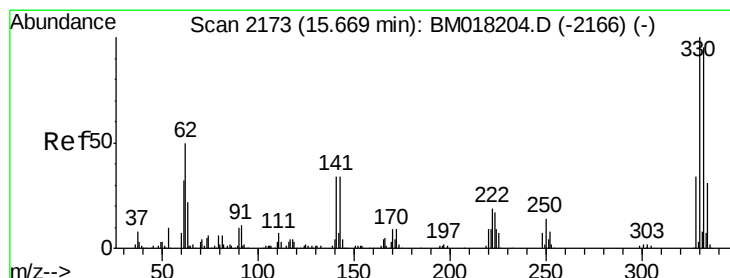
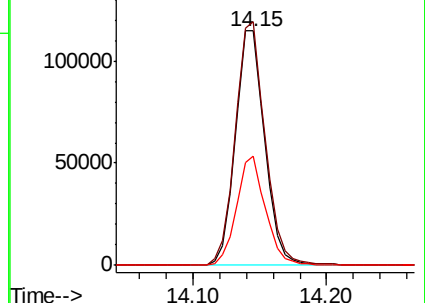
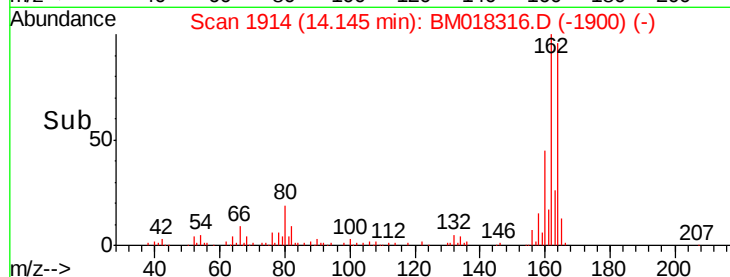
160 46.8 34.6 51.8



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: 99.706 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

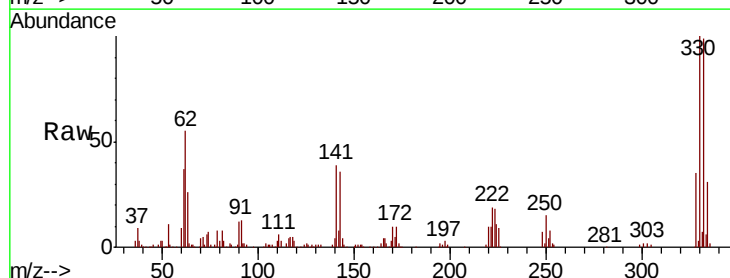
Tgt Ion:330 Resp: 257589

Ion Ratio Lower Upper

330 100

332 96.6 78.6 118.0

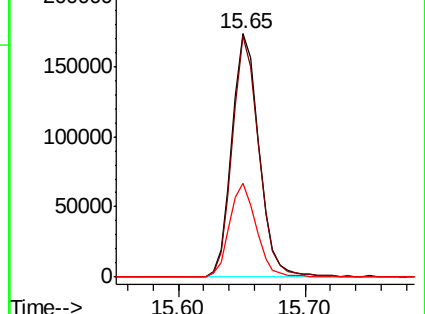
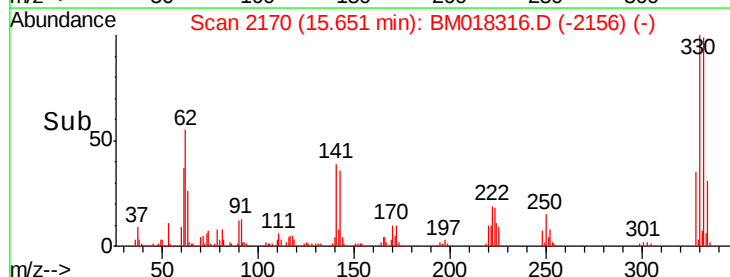
141 38.3 27.1 40.7

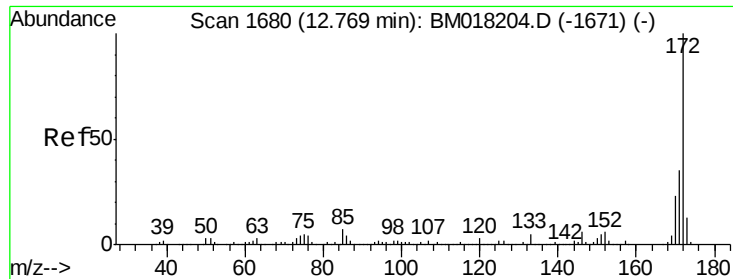


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

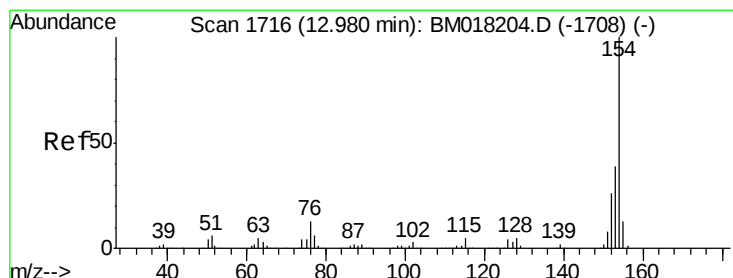
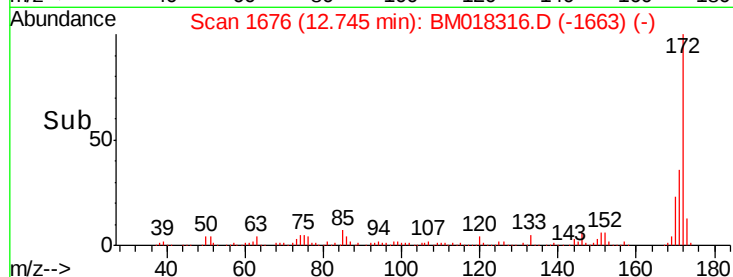
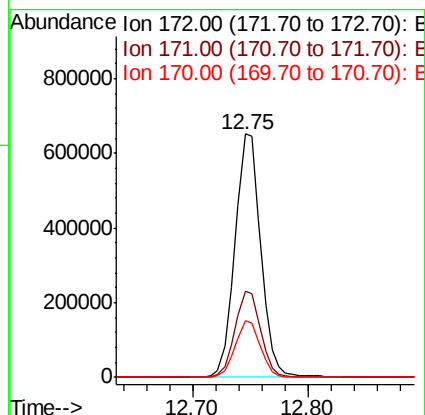
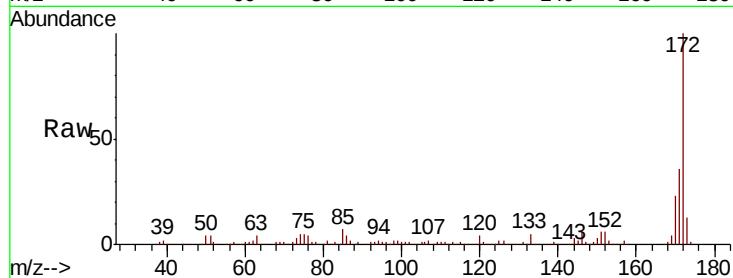




#45
 2-Fluorobiphenyl
 Concen: 74.554 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

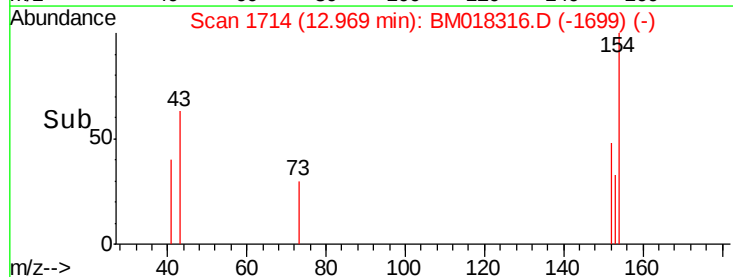
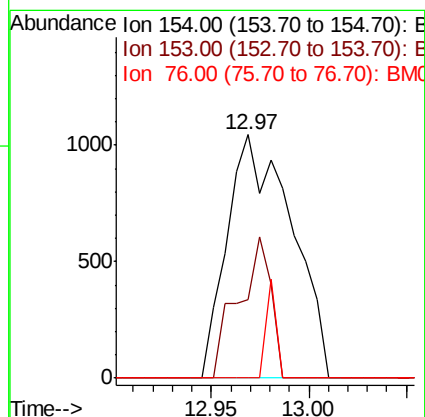
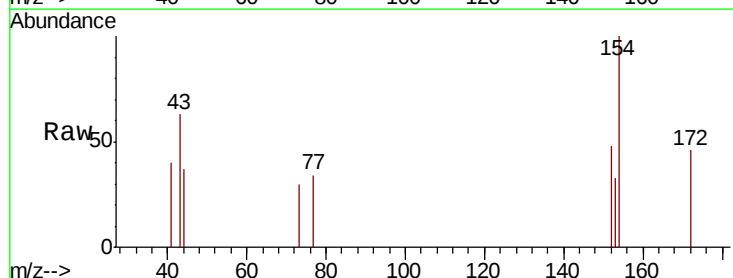
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

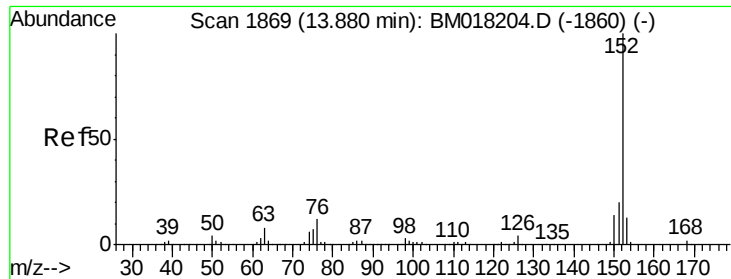
Tgt Ion:172 Resp: 1013173
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.2 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 0.151 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Tgt Ion:154 Resp: 2389
 Ion Ratio Lower Upper
 154 100
 153 32.5 19.5 59.5
 76 0.0 0.0 33.1





#49

Acenaphthylene

Concen: 0.097 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

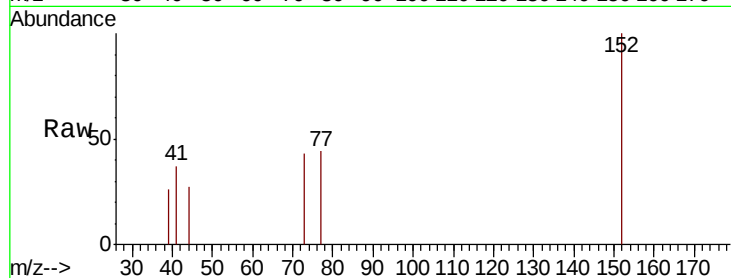
Tgt Ion:152 Resp: 1707

Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

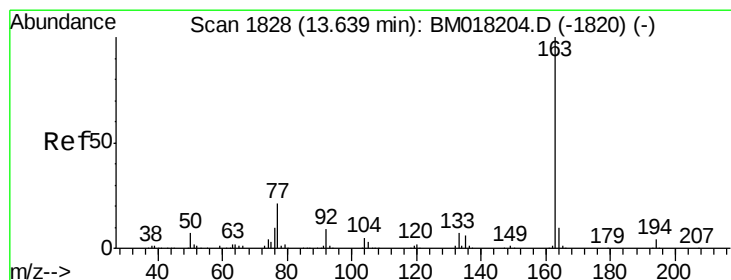
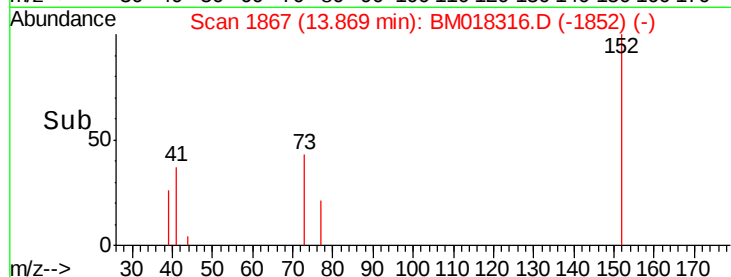
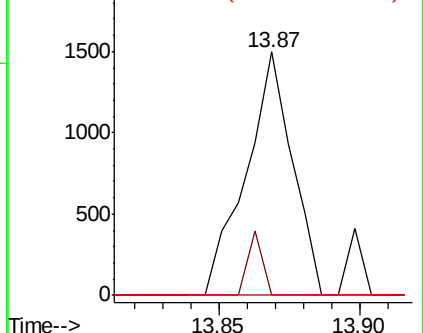
153 0.0 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.850 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

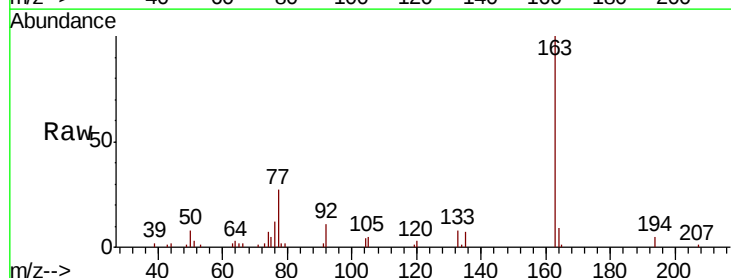
Tgt Ion:163 Resp: 56335

Ion Ratio Lower Upper

163 100

194 5.1 3.1 4.7#

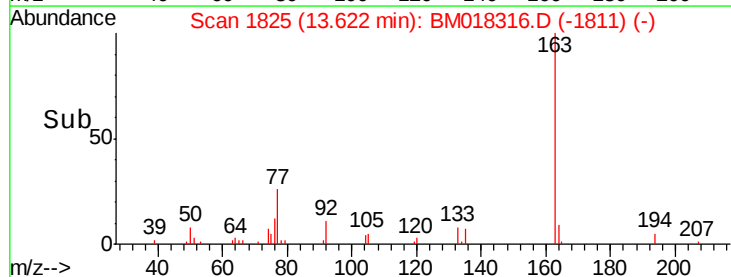
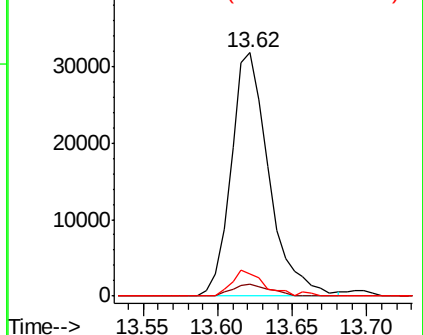
164 9.2 7.9 11.9

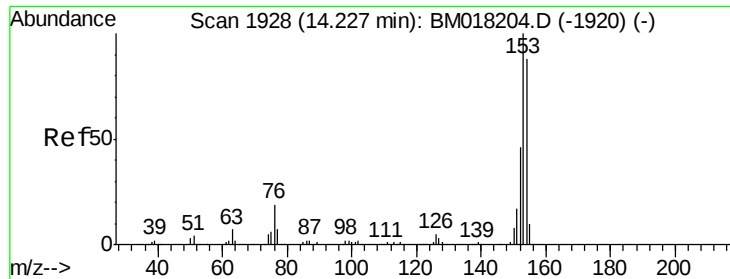


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.044 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.09 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

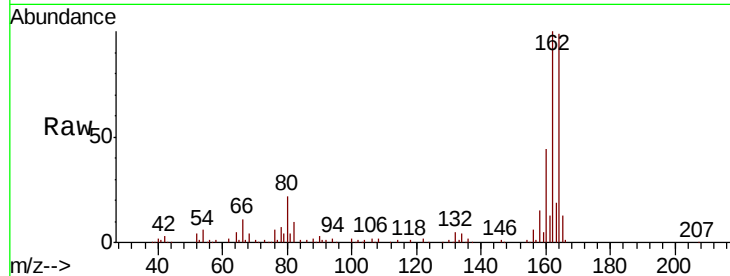
Tgt Ion:154 Resp: 473

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

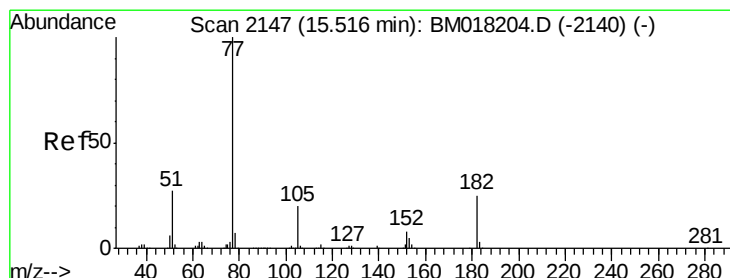
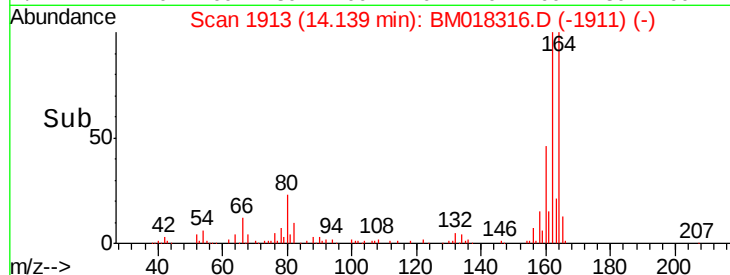
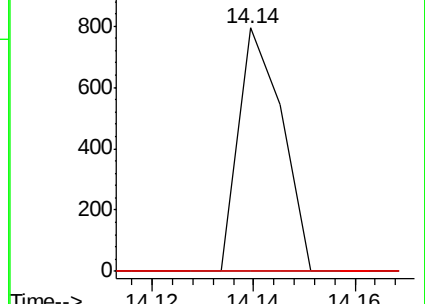
152 0.0 41.2 61.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Azobenzene

Concen: 0.037 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion: 77 Resp: 531

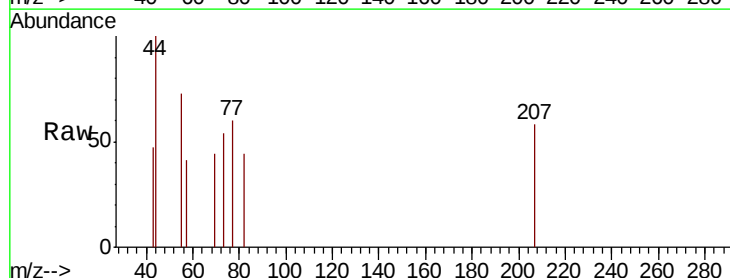
Ion Ratio Lower Upper

77 100

182 0.0 4.6 44.6#

105 0.0 0.2 40.2#

51 0.0 7.0 47.0#

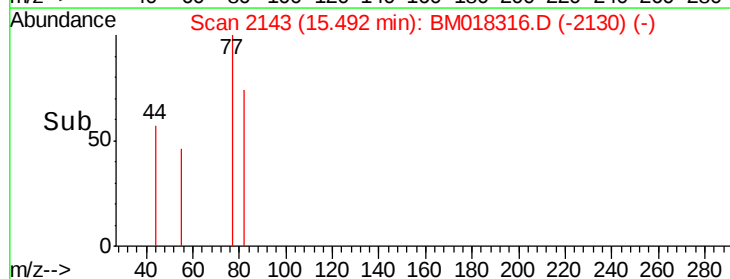
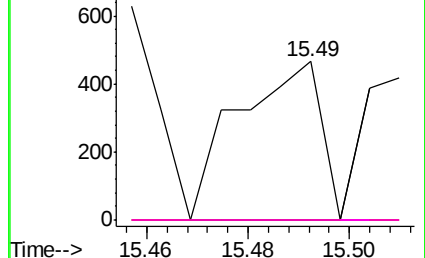


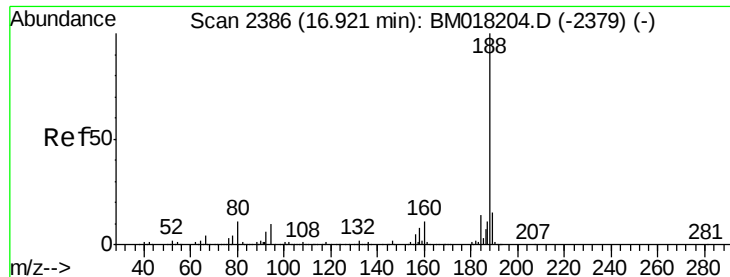
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

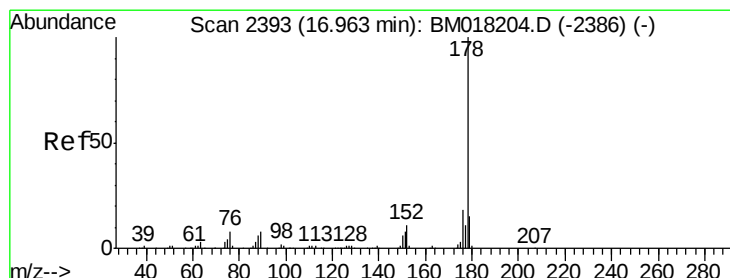
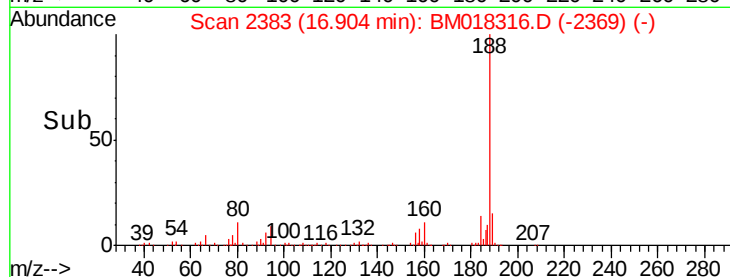
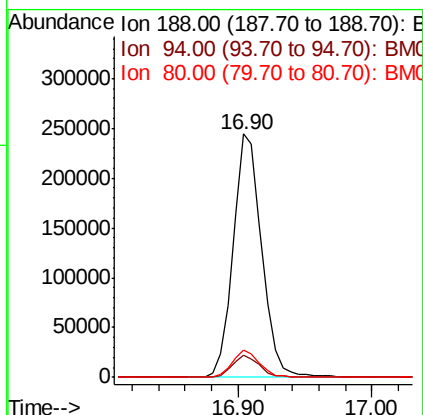
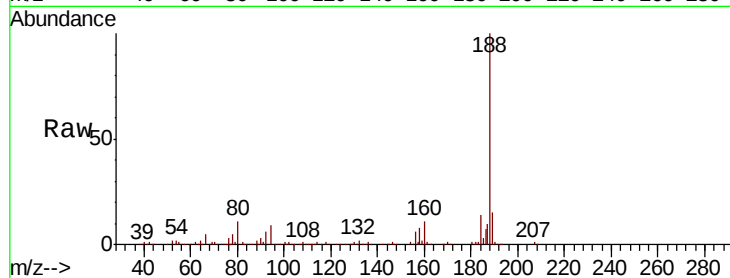




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

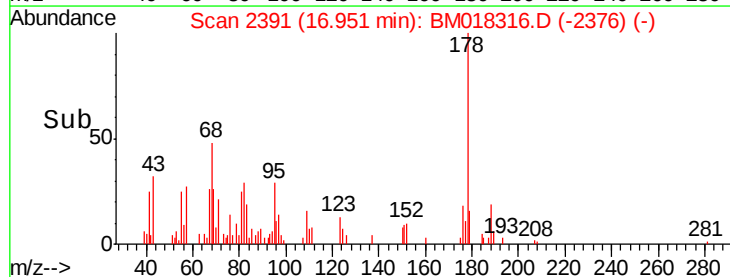
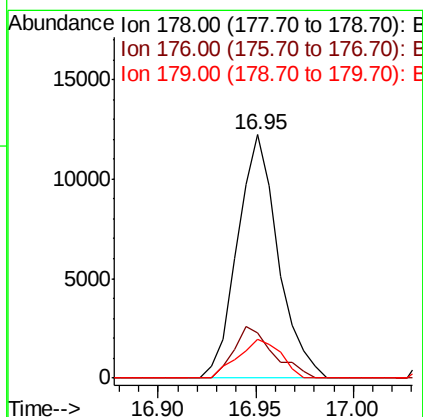
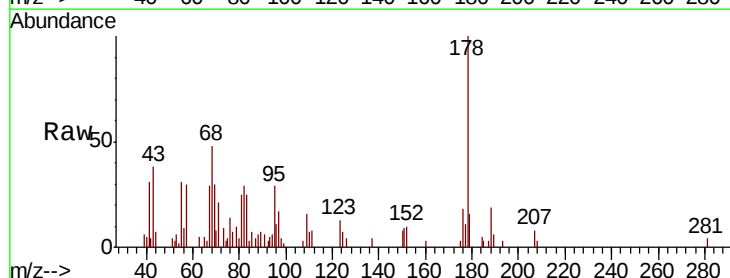
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

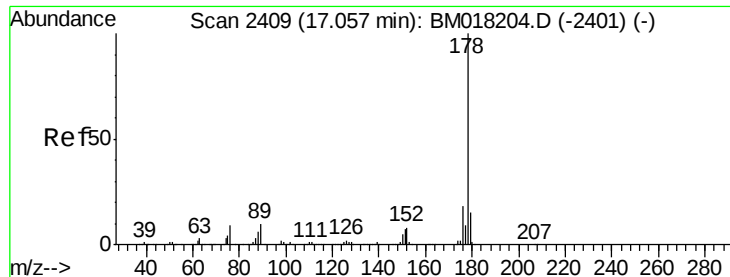
Tgt Ion:188 Resp: 362217
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 11.4 9.0 13.6



#71
Phenanthrene
Concen: 0.895 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:178 Resp: 17614
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 16.1 12.0 18.0





#72

Anthracene

Concen: 0.229 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

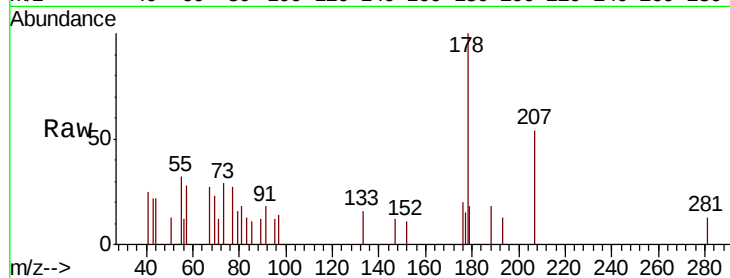
Tgt Ion:178 Resp: 4463

Ion Ratio Lower Upper

178 100

176 19.7 14.3 21.5

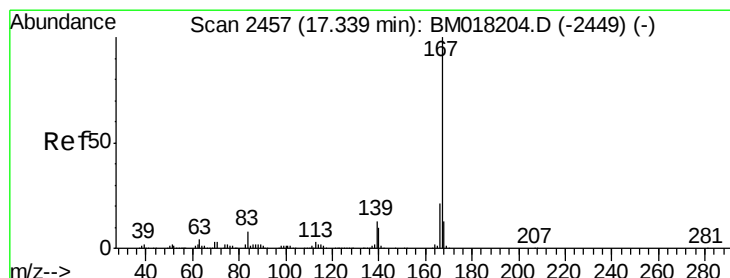
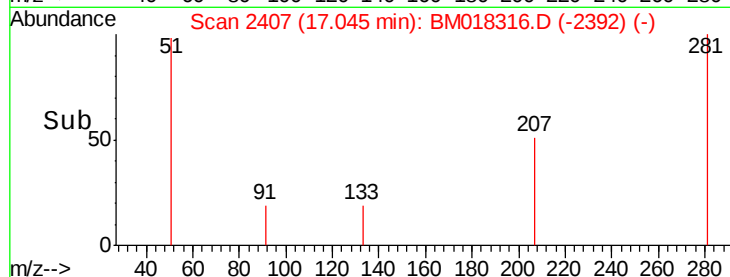
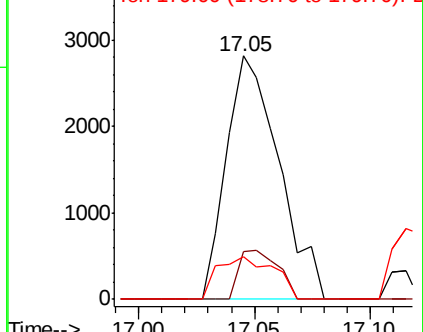
179 17.6 12.0 18.0



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: 0.088 ng

RT: 17.34 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

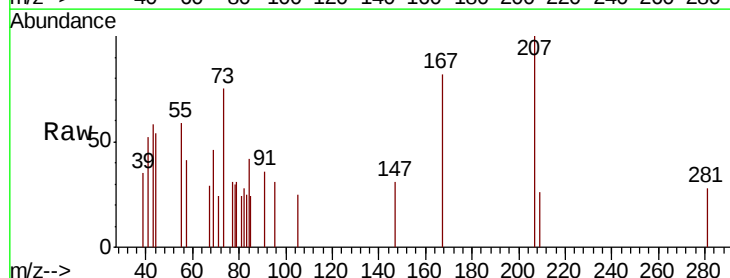
Tgt Ion:167 Resp: 1754

Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

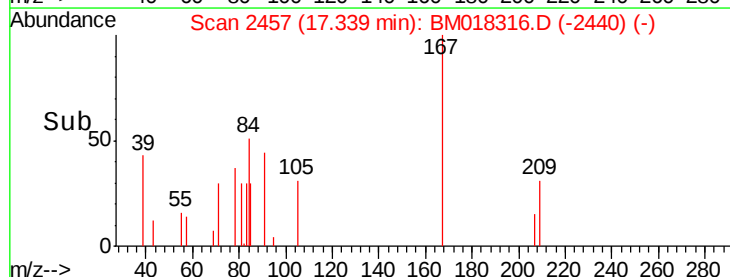
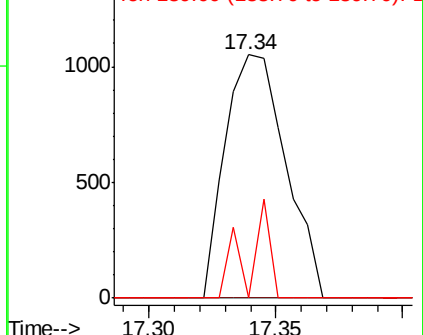
139 0.0 10.3 15.5#

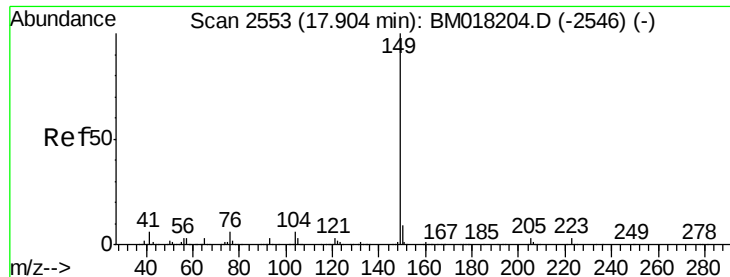


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

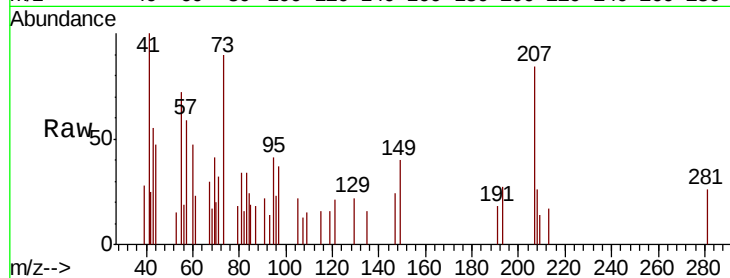




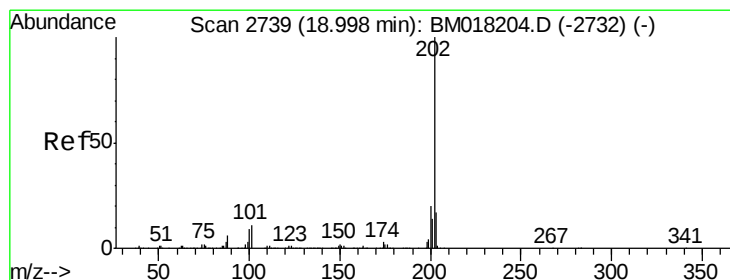
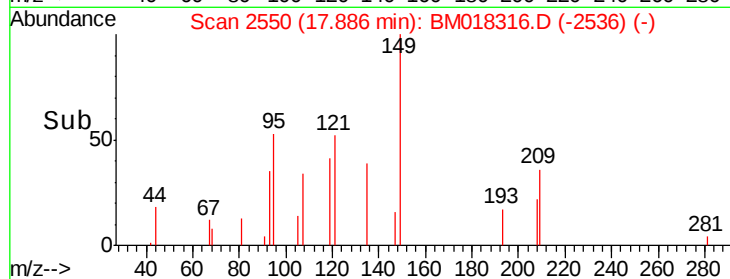
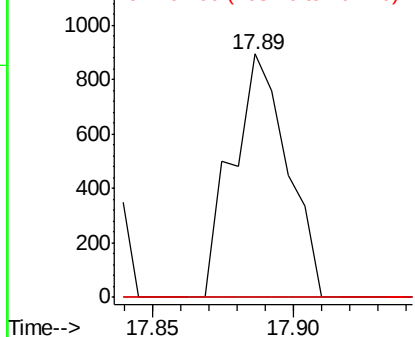
#74
Di-n-butylphthalate
Concen: 0.049 ng
RT: 17.89 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:149 Resp: 1206
Ion Ratio Lower Upper
149 100
150 0.0 7.3 10.9#
104 0.0 4.8 7.2#

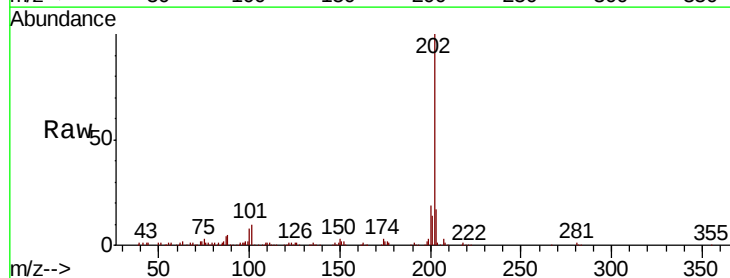


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

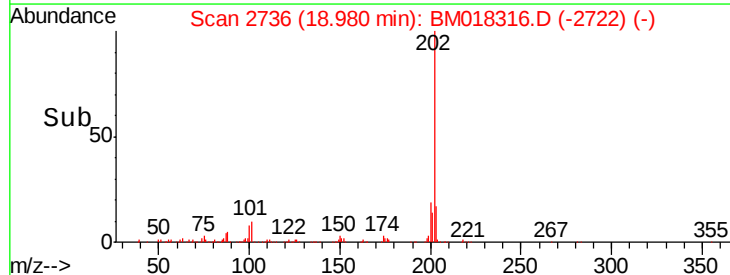
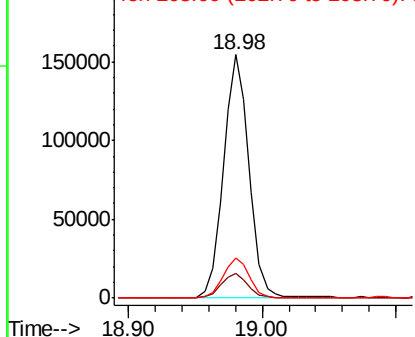


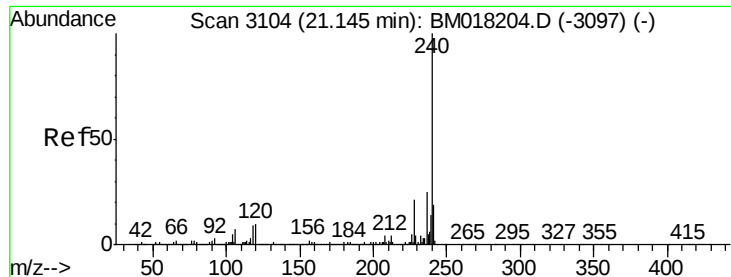
#75
Fluoranthene
Concen: 9.070 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:202 Resp: 207484
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 16.7 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

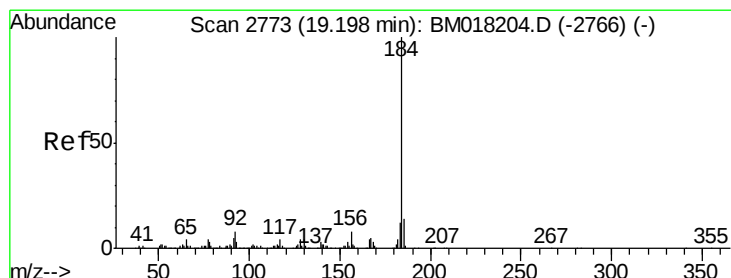
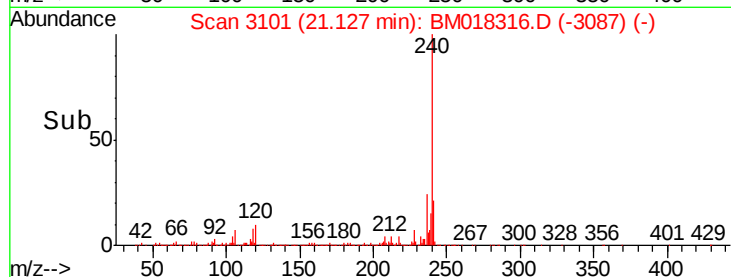
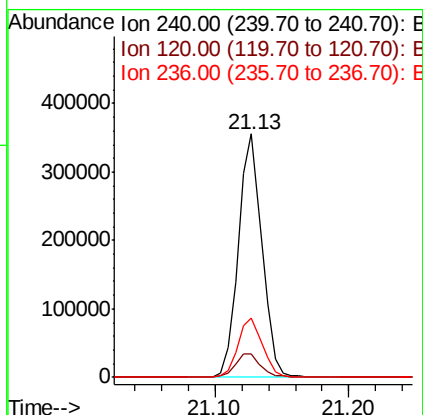
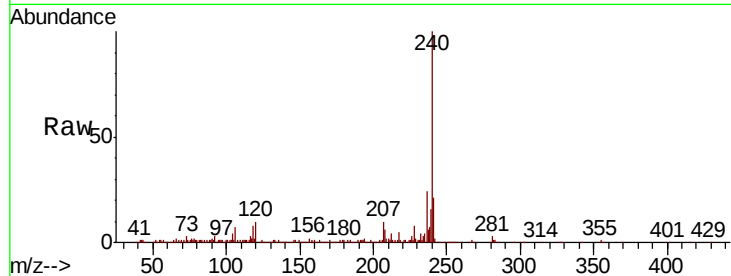




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

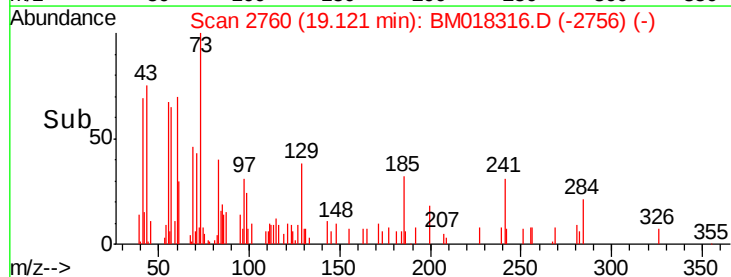
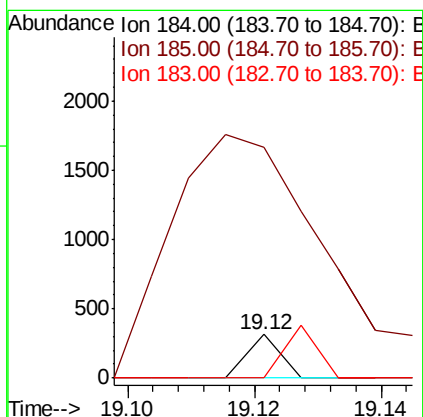
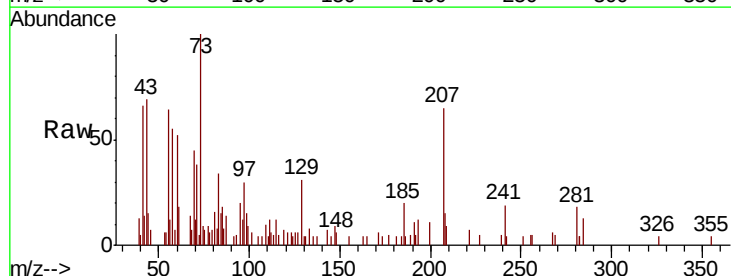
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

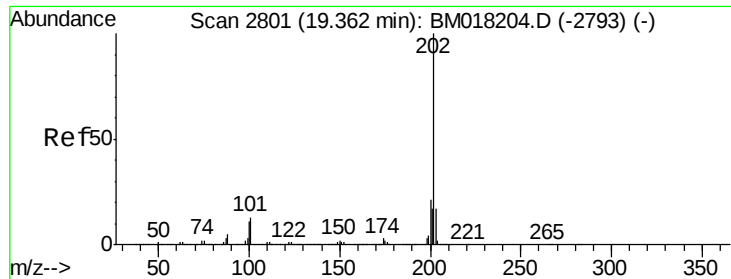
Tgt Ion: 240 Resp: 436476
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 24.4 20.3 30.5



#77
Benzidine
Concen: 0.010 ng
RT: 19.12 min Scan# 2760
Delta R.T. -0.08 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion: 184 Resp: 111
Ion Ratio Lower Upper
184 100
185 528.3 11.4 17.2#
183 0.0 9.7 14.5#

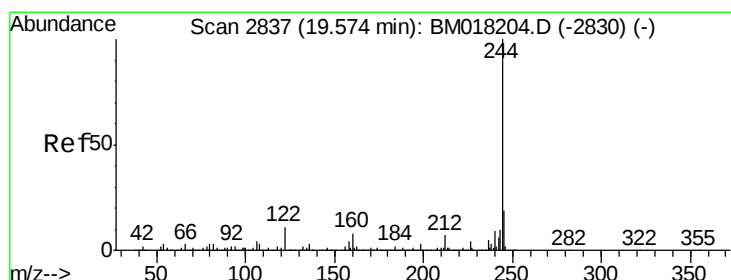
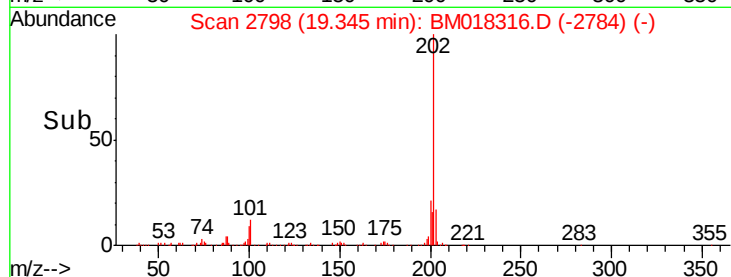
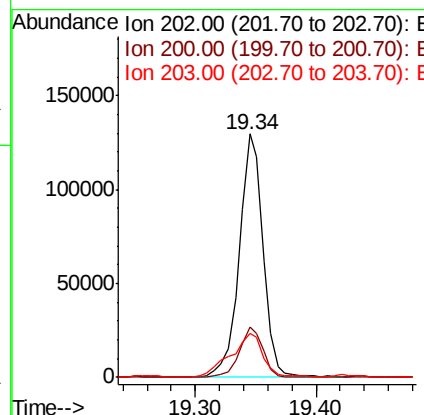
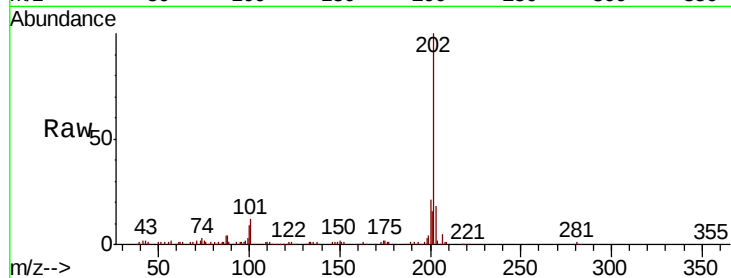




#78
 Pyrene
 Concen: 6.850 ng
 RT: 19.34 min Scan# 2798
 Delta R.T. -0.02 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

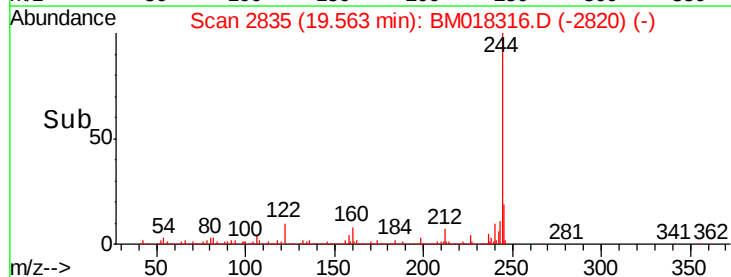
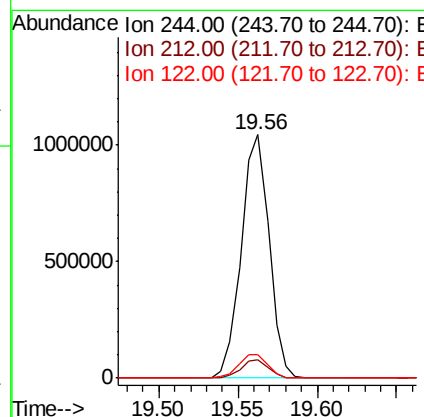
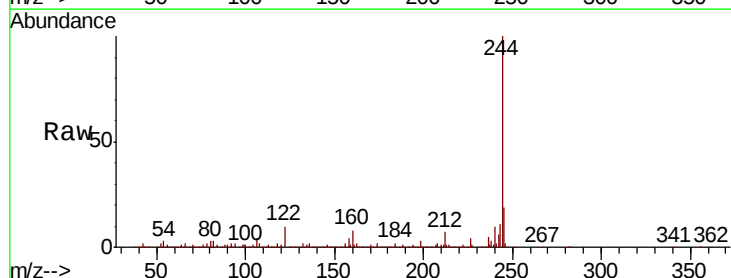
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

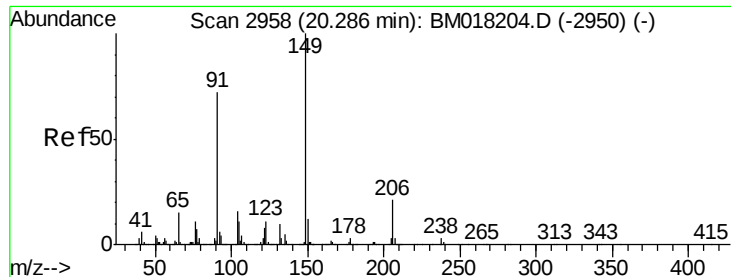
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.0	14.0	21.0



#79
 Terphenyl-d14
 Concen: 66.100 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.8	9.0	13.6

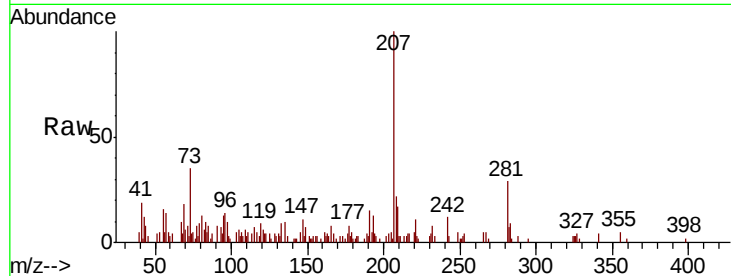




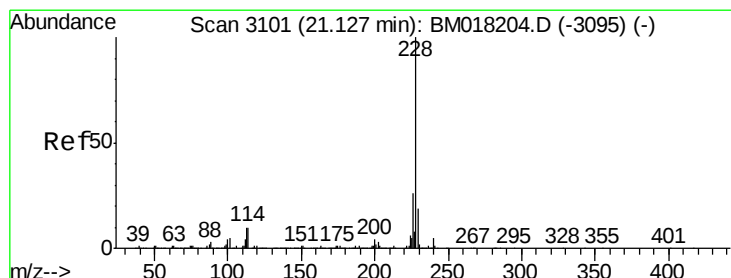
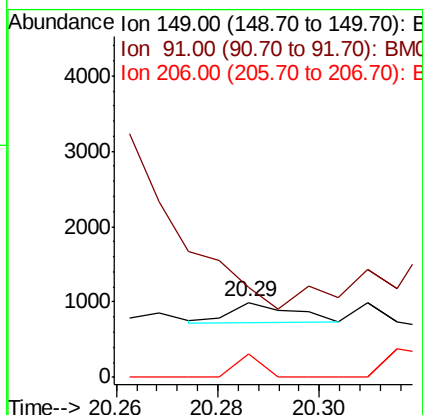
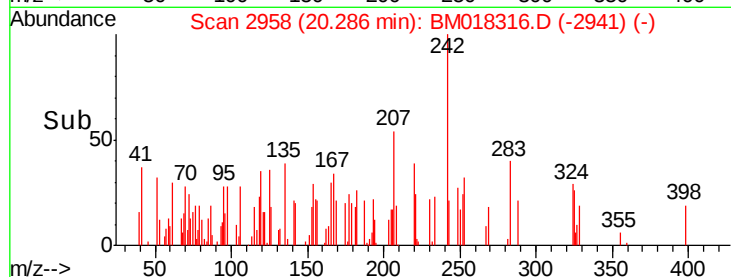
#80
Butylbenzylphthalate
Concen: 0.018 ng
RT: 20.29 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:149 Resp: 220
Ion Ratio Lower Upper
149 100
91 120.1 57.4 86.2#
206 30.6 17.0 25.4#

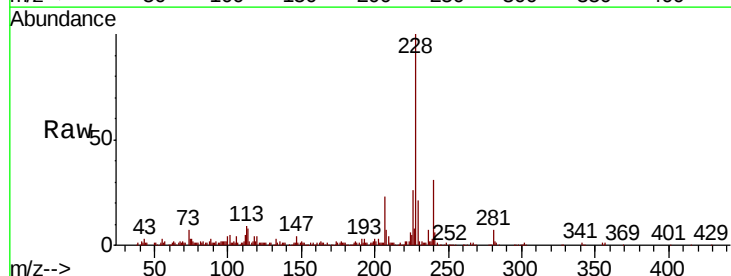


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018316.D (-2941) (-)
Ion 206.00 (205.70 to 206.70): E

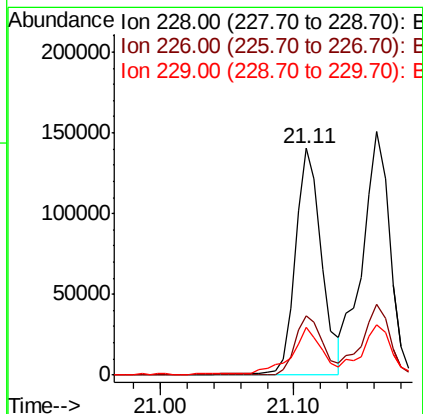
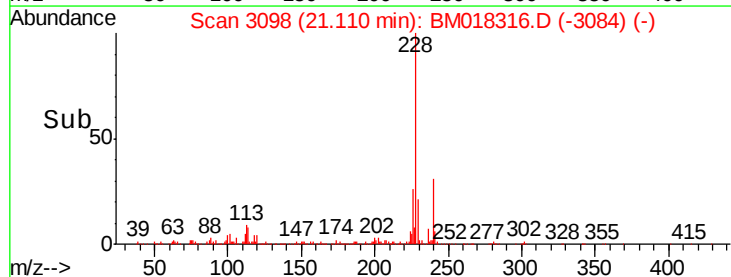


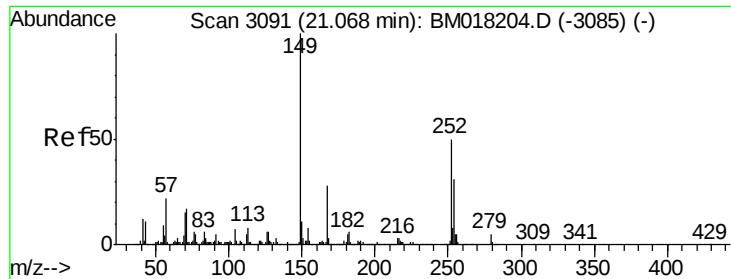
#81
Benzo(a)anthracene
Concen: 7.475 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:228 Resp: 190597
Ion Ratio Lower Upper
228 100
226 26.1 21.0 31.4
229 21.2 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

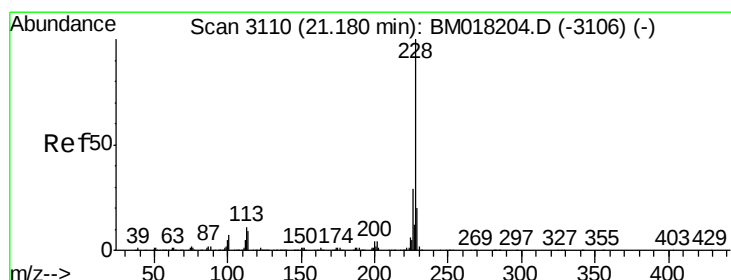
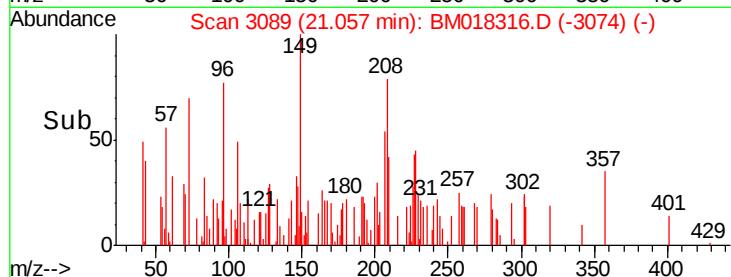
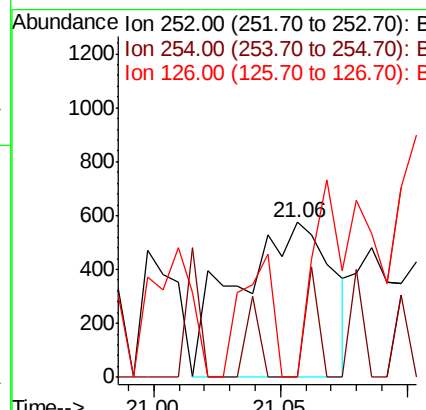
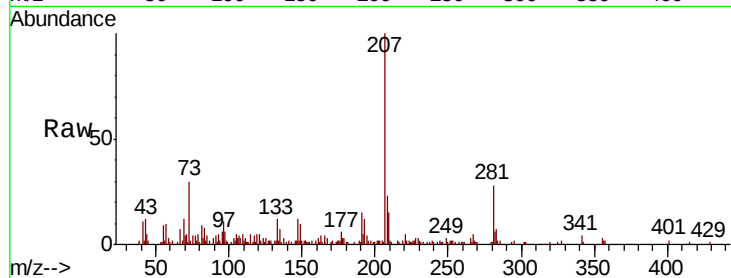




#82
 3,3'-Dichlorobenzidine
 Concen: 0.147 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

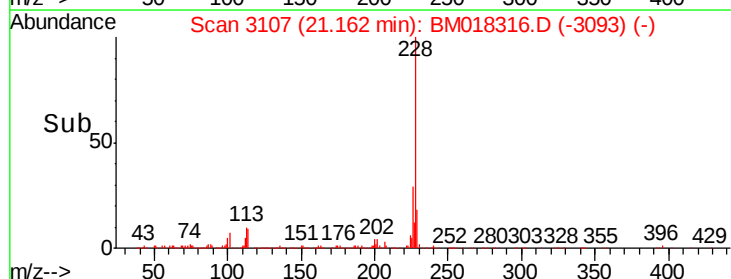
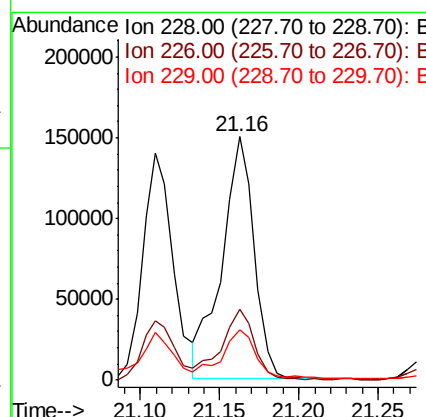
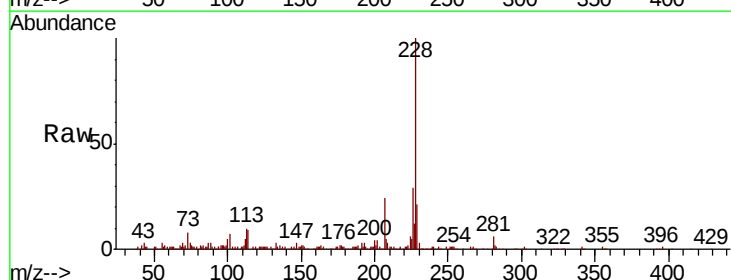
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

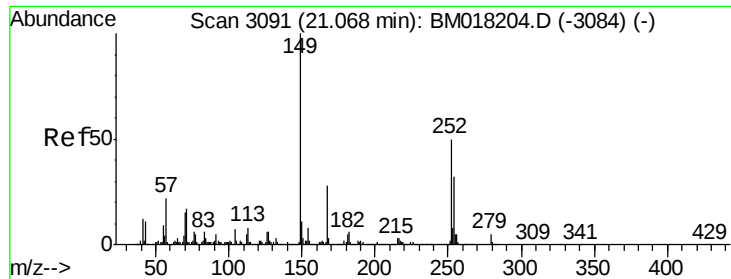
Tgt Ion: 252 Resp: 1499
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.4 75.6#
 126 0.0 9.4 14.0#



#83
 Chrysene
 Concen: 8.607 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Tgt Ion: 228 Resp: 211072
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.1 34.7
 229 20.9 15.8 23.6

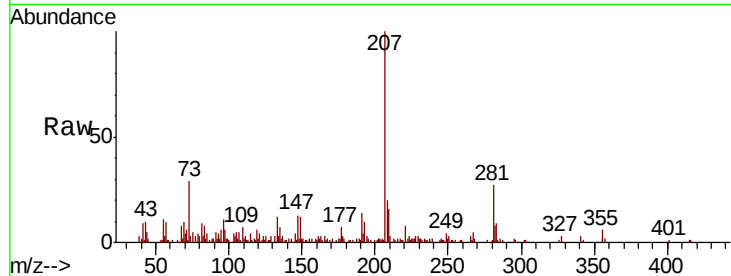




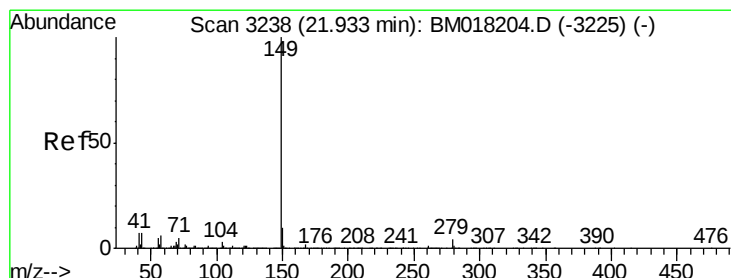
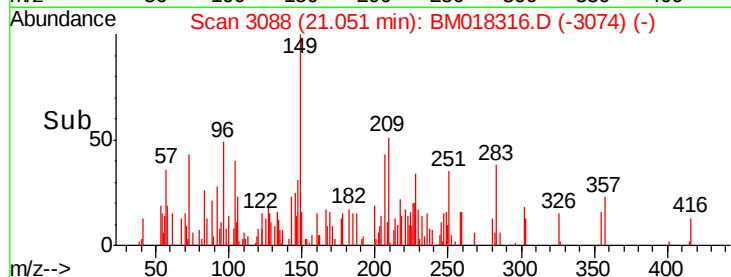
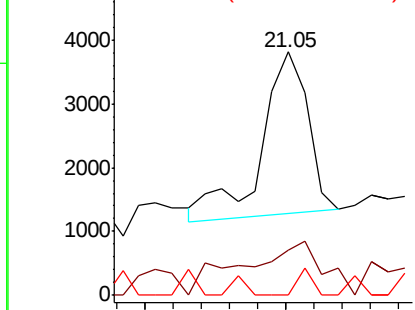
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.157 ng
 RT: 21.05 min Scan# 3088
 Delta R.T. -0.02 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

Tgt Ion:149 Resp: 2904
 Ion Ratio Lower Upper
 149 100
 167 18.7 22.7 34.1#
 279 0.0 3.9 5.9#

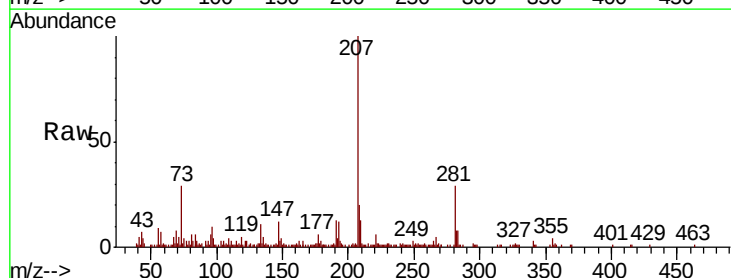


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

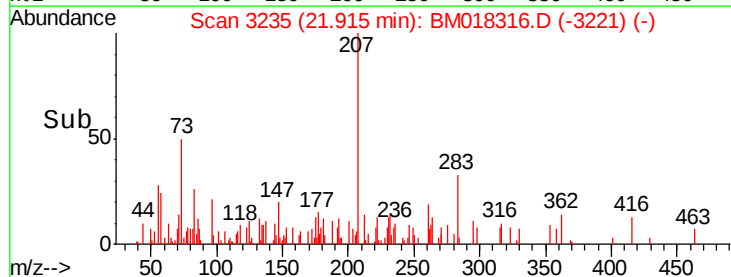
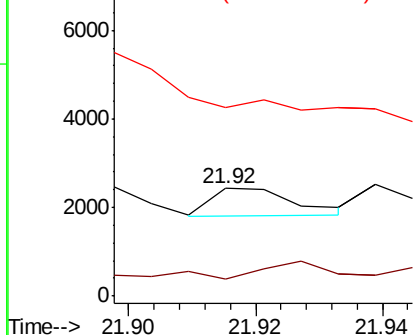


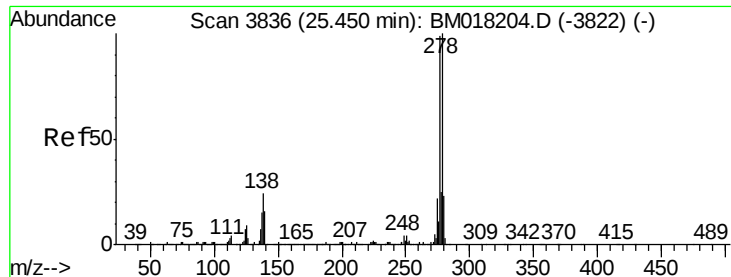
#85
 Di-n-octyl phthalate
 Concen: 0.018 ng
 RT: 21.92 min Scan# 3235
 Delta R.T. -0.02 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Tgt Ion:149 Resp: 558
 Ion Ratio Lower Upper
 149 100
 167 60.6 1.4 2.0#
 43 0.0 6.2 9.4#



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

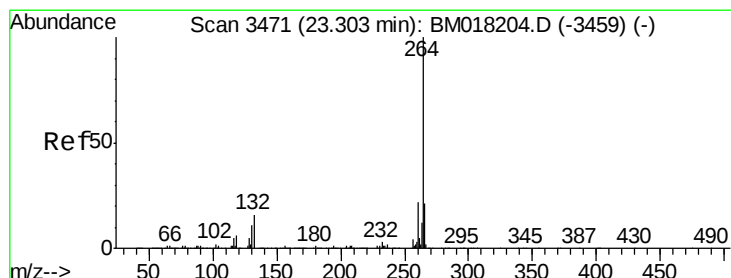
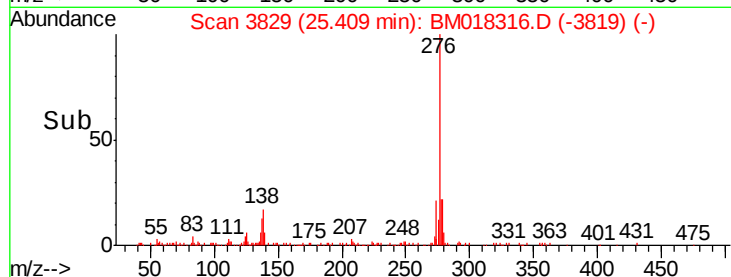
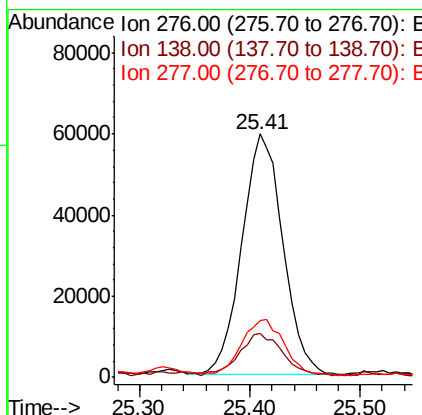
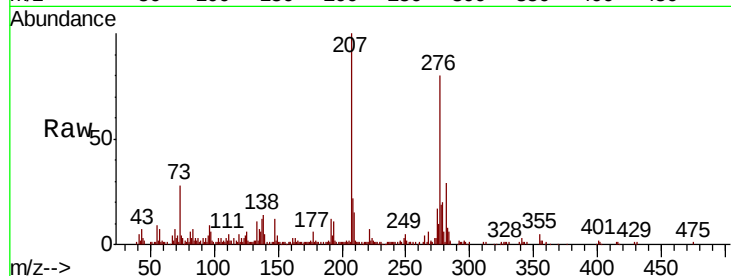




#86
Indeno(1,2,3-cd)pyrene
Concen: 6.367 ng
RT: 25.41 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

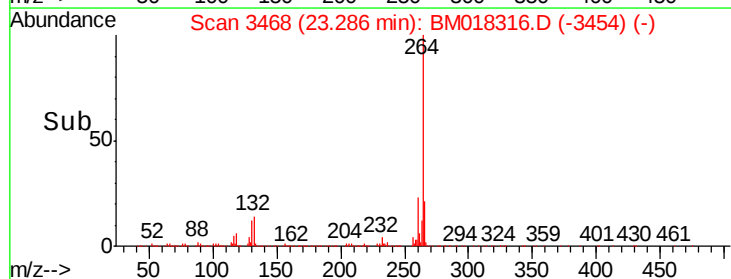
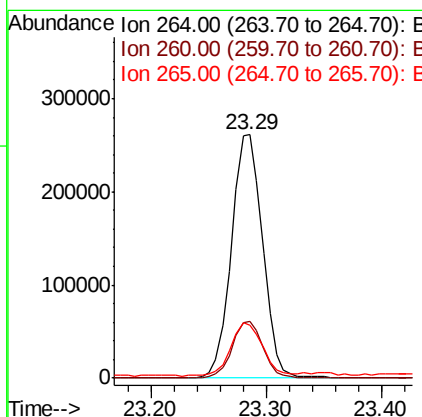
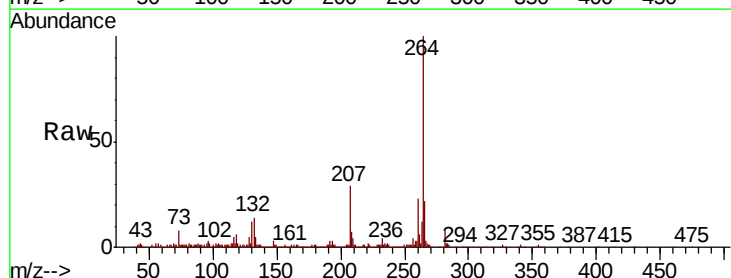
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

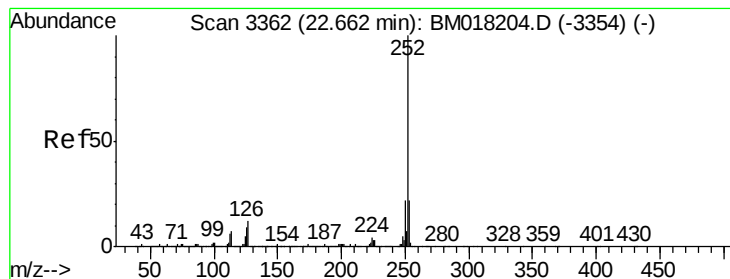
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	18.6	28.0#
277	23.6	20.3	30.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	21.9	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 11.891 ng

RT: 22.64 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

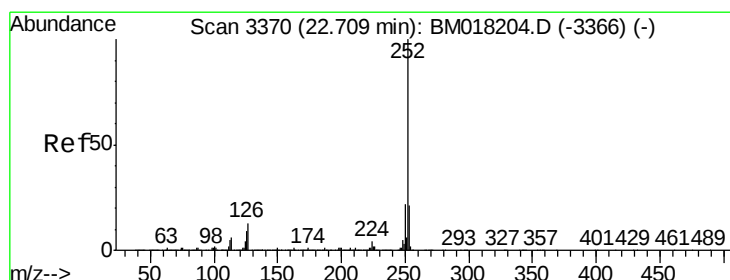
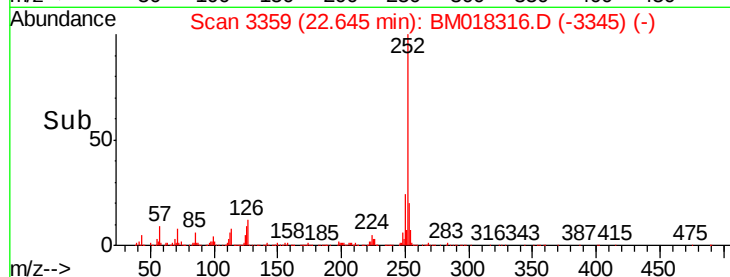
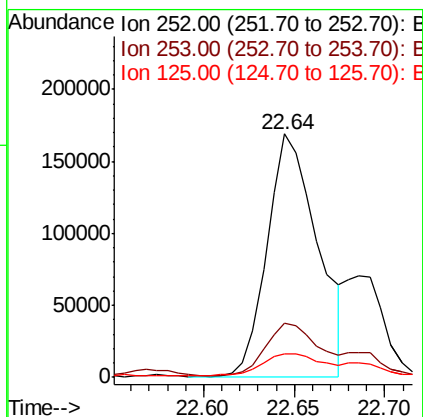
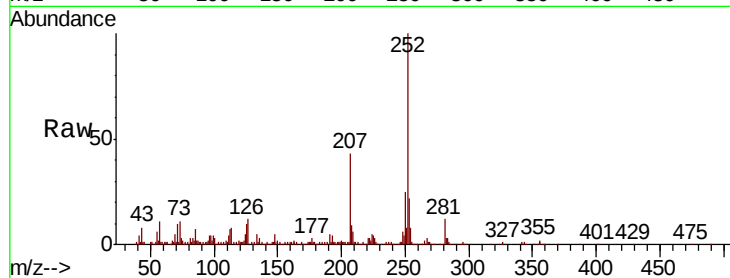
Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

Tgt Ion:	252	Resp:	326749
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	9.5	7.4	11.0



#89

Benzo(k)fluoranthene

Concen: 11.925 ng

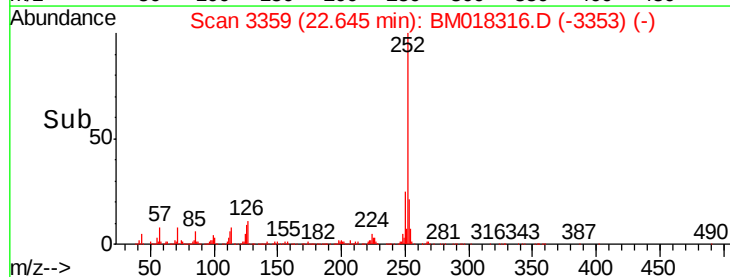
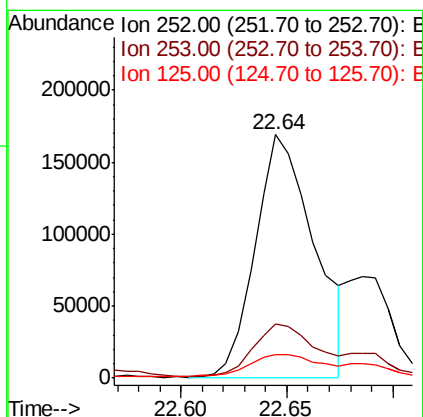
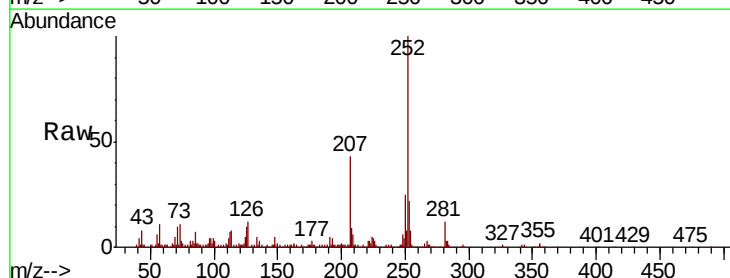
RT: 22.64 min Scan# 3359

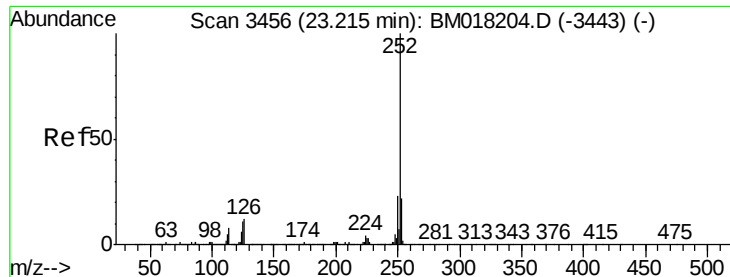
Delta R.T. -0.06 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion:	252	Resp:	326326
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.9	25.3
125	9.5	7.5	11.3





#90

Benzo(a)pyrene

Concen: 7.179 ng

RT: 23.19 min Scan# 3451

Delta R.T. -0.03 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

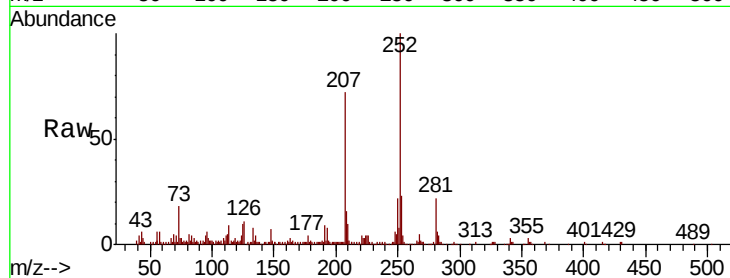
Tgt Ion:252 Resp: 187602

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

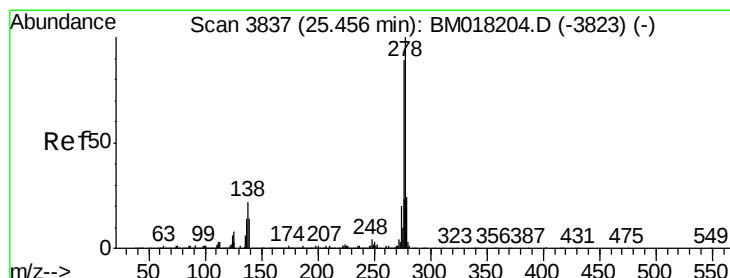
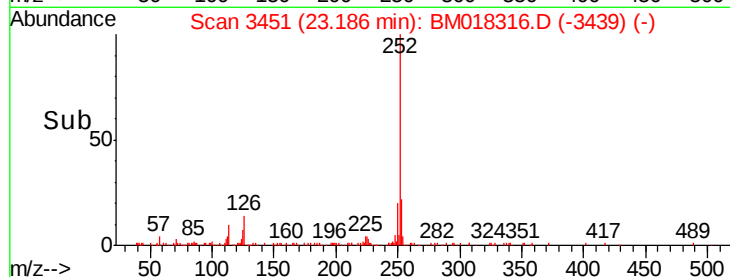
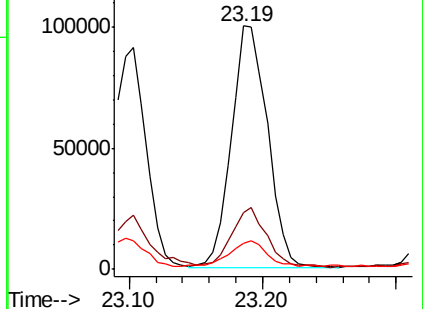
125 10.4 8.6 12.8



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



#91

Dibenzo(a,h)anthracene

Concen: 1.879 ng

RT: 25.41 min Scan# 3829

Delta R.T. -0.05 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

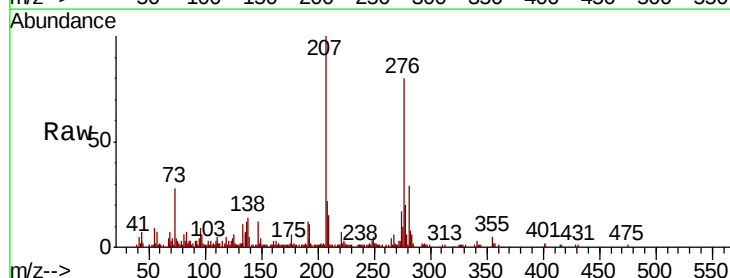
Tgt Ion:278 Resp: 45491

Ion Ratio Lower Upper

278 100

139 26.5 11.6 17.4#

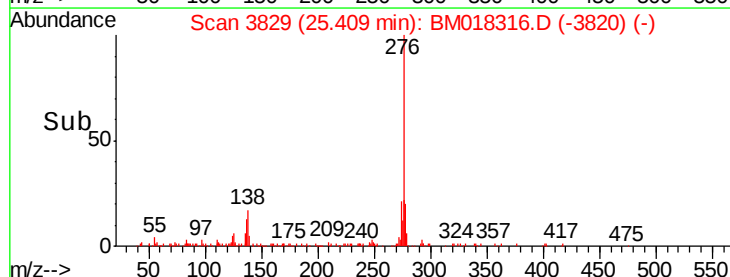
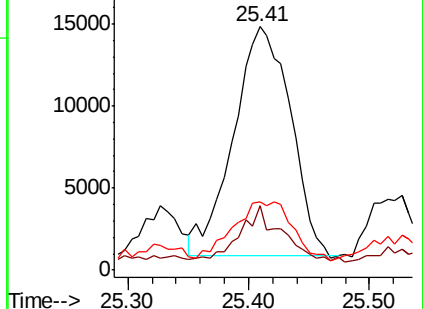
279 28.0 19.2 28.8

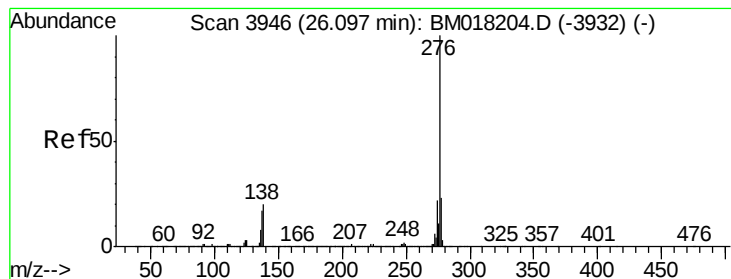


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 6.056 ng

RT: 26.06 min Scan# 3940

Delta R.T. -0.04 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

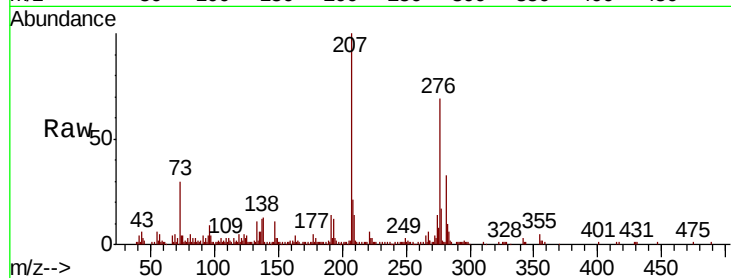
Tgt Ion: 276 Resp: 138575

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 18.9 15.8 23.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

