

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
 Data File : BM018673.D
 Acq On : 28 Jan 2019 20:33
 Operator : JU/SJ
 Sample : K1011-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Quant Time: Jan 29 00:43:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	214774	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	839812	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	474275	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1061054	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1146494	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1175939	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1551403	133.38	ng	-0.01
7) Phenol-d6	6.90	99	1824685	123.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1316960	90.91	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	906557	150.12	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3273671	90.07	ng	-0.01
79) Terphenyl-d14	19.76	244	5054827	92.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	162315	34.239	ng	# 71
3) Pyridine	3.67	79	414706	35.087	ng	96
4) n-Nitrosodimethylamine	3.58	42	239919	49.089	ng	# 95
6) Aniline	7.07	93	166854	10.125	ng	99
8) 2-Chlorophenol	7.29	128	632777	46.581	ng	95
9) Benzaldehyde	6.88	77	110076	10.597	ng	97
10) Phenol	6.93	94	609804	40.621	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	520236	44.104	ng	96
12) 1,3-Dichlorobenzene	7.61	146	660568	40.831	ng	99
13) 1,4-Dichlorobenzene	7.76	146	680057	41.474	ng	99
14) 1,2-Dichlorobenzene	8.07	146	651038	41.872	ng	100
15) Benzyl Alcohol	7.97	79	501262	46.978	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	653723	43.366	ng	96
17) 2-Methylphenol	8.17	107	481738	47.275	ng	99
18) Hexachloroethane	8.79	117	243126	41.585	ng	93
19) n-Nitroso-di-n-propylamine	8.53	70	425703	44.279	ng	94
20) 3+4-Methylphenols	8.50	107	641581	45.608	ng	98
22) Acetophenone	8.56	105	871902	41.969	ng	# 97
24) Nitrobenzene	8.93	77	638965	44.827	ng	98
25) Isophorone	9.46	82	1138018	51.877	ng	97
26) 2-Nitrophenol	9.64	139	340757	49.440	ng	97
27) 2,4-Dimethylphenol	9.69	122	554311	53.656	ng	97
28) bis(2-Chloroethoxy)methane	9.94	93	708203	46.732	ng	100
29) 2,4-Dichlorophenol	10.17	162	598270	48.634	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	661328	43.312	ng	98
31) Naphthalene	10.57	128	1915574	47.362	ng	99
32) Benzoic acid	9.83	122	237441	36.014	ng	97
33) 4-Chloroaniline	10.70	127	45885	2.881	ng	98
34) Hexachlorobutadiene	10.83	225	402863	41.764	ng	98
35) Caprolactam	11.50	113	60866	14.553	ng	91
36) 4-Chloro-3-methylphenol	11.82	107	617313	47.832	ng	99
37) 2-Methylnaphthalene	12.18	142	1421929	49.759	ng	100
38) 1-Methylnaphthalene	12.40	142	1351780	48.889	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	739278	44.575	ng	99

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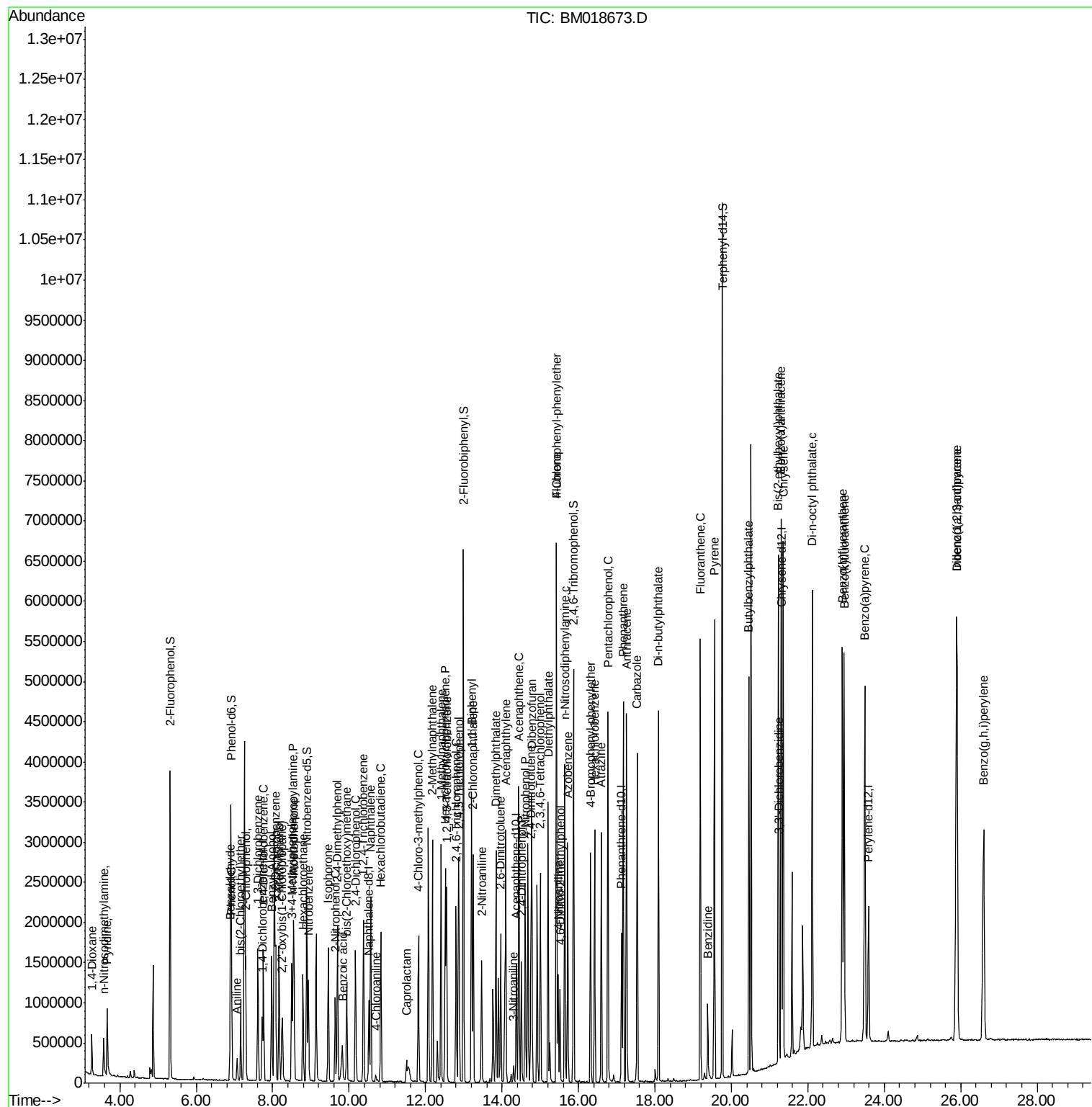
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	755667	83.018	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	492495	48.900	ng	100
44) 2,4,5-Trichlorophenol	12.87	196	527552	49.805	ng	99
46) 1,1'-Biphenyl	13.20	154	1801419	43.501	ng	99
47) 2-Chloronaphthalene	13.25	162	1405972	43.782	ng	99
48) 2-Nitroaniline	13.47	65	374398	47.389	ng	89
49) Acenaphthylene	14.10	152	2271946	48.548	ng	100
50) Dimethylphthalate	13.84	163	1780377	45.708	ng	99
51) 2,6-Dinitrotoluene	13.97	165	397187	48.140	ng	92
52) Acenaphthene	14.44	154	1328245	46.387	ng	97
53) 3-Nitroaniline	14.30	138	54201	6.516	ng	98
54) 2,4-Dinitrophenol	14.50	184	313261	71.023	ng	95
55) Dibenzofuran	14.77	168	2142867	45.293	ng	98
56) 4-Nitrophenol	14.61	139	634908	88.354	ng	96
57) 2,4-Dinitrotoluene	14.76	165	553763	47.436	ng	100
58) Fluorene	15.43	166	1726319	48.982	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	487898	51.966	ng	98
60) Diethylphthalate	15.20	149	1849010	47.023	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	890036	43.816	ng	99
62) 4-Nitroaniline	15.47	138	331990	36.591	ng	98
63) Azobenzene	15.72	77	1474644	45.997	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246302	37.720	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1527609	46.413	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	541832	45.633	ng	96
68) Hexachlorobenzene	16.42	284	602403	45.319	ng	99
69) Atrazine	16.60	200	552120	46.402	ng	99
70) Pentachlorophenol	16.77	266	759380	87.229	ng	99
71) Phenanthrene	17.17	178	2772786	49.130	ng	100
72) Anthracene	17.26	178	2815590	51.881	ng	100
73) Carbazole	17.54	167	2563536	45.977	ng	100
74) Di-n-butylphthalate	18.09	149	3120279	51.089	ng	100
75) Fluoranthene	19.19	202	3312166	50.903	ng	97
77) Benzidine	19.39	184	505678	17.863	ng	100
78) Pyrene	19.56	202	3399443	50.022	ng	100
80) Butylbenzylphthalate	20.46	149	1471709	50.751	ng	98
81) Benzo(a)anthracene	21.30	228	3408407	50.464	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	298175	11.675	ng	99
83) Chrysene	21.36	228	3195375	48.992	ng	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2106827	50.313	ng	100
85) Di-n-octyl phthalate	22.12	149	3736150	53.049	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3889233	51.713	ng	97
88) Benzo(b)fluoranthene	22.90	252	3367394	50.440	ng	99
89) Benzo(k)fluoranthene	22.95	252	3346542	49.740	ng	99
90) Benzo(a)pyrene	23.49	252	3274193	51.228	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	3277556	50.610	ng	99
92) Benzo(g,h,i)perylene	26.60	276	3226247	51.194	ng	97

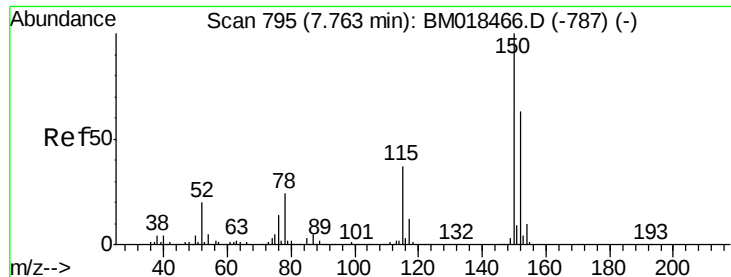
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

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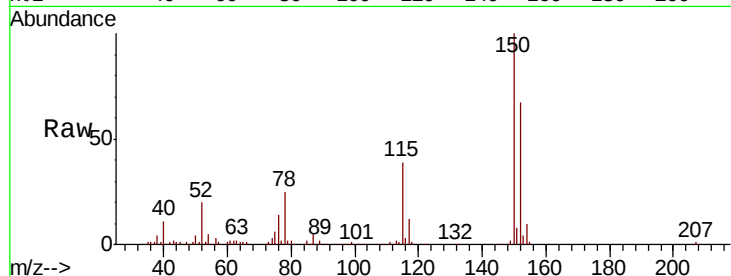
Tgt Ion:152 Resp: 214774

Ion Ratio Lower Upper

152 100

150 150.2 126.9 190.3

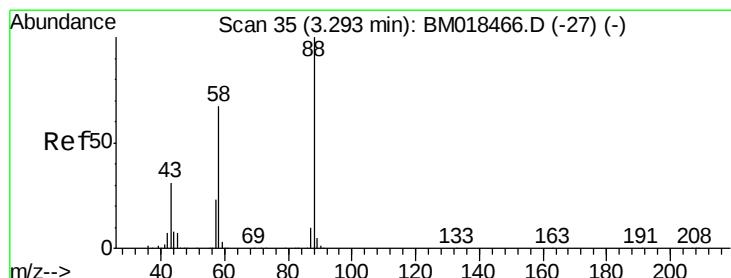
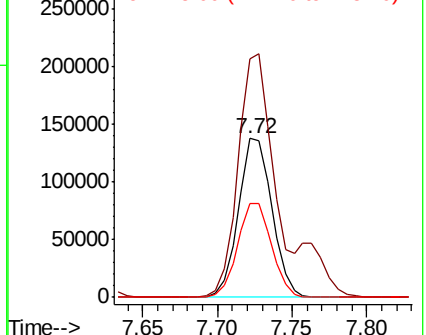
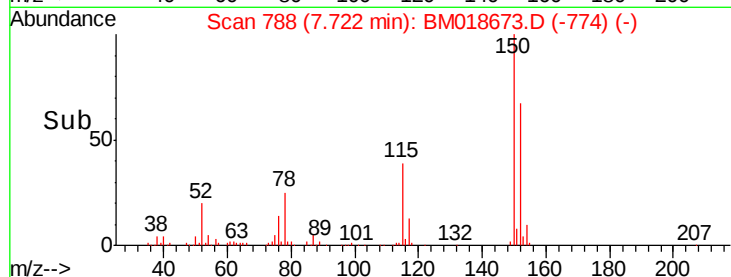
115 58.8 45.5 68.3



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



#2

1,4-Dioxane

Concen: 34.239 ng

RT: 3.27 min Scan# 31

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

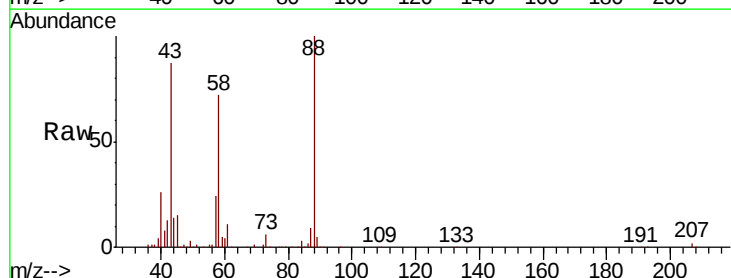
Tgt Ion: 88 Resp: 162315

Ion Ratio Lower Upper

88 100

58 70.1 58.4 87.6

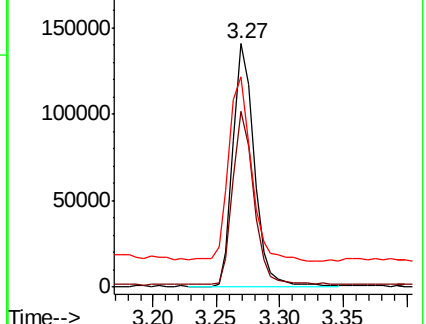
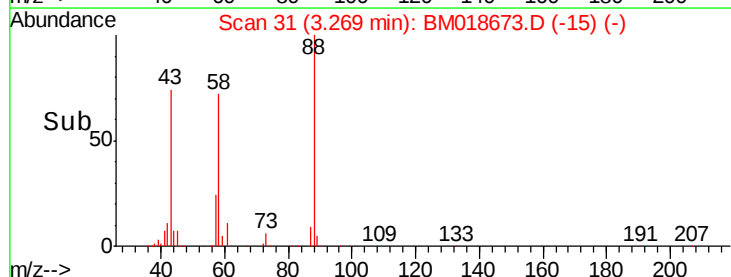
43 81.8 26.2 39.4#

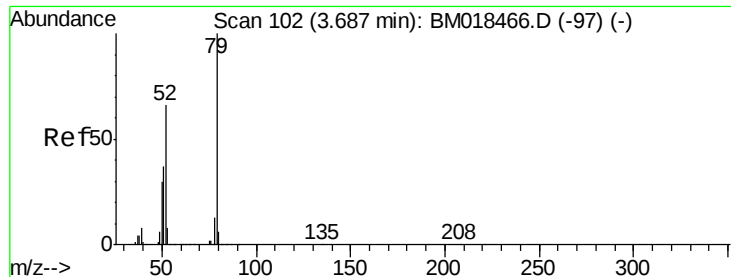


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 35.087 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018673.D

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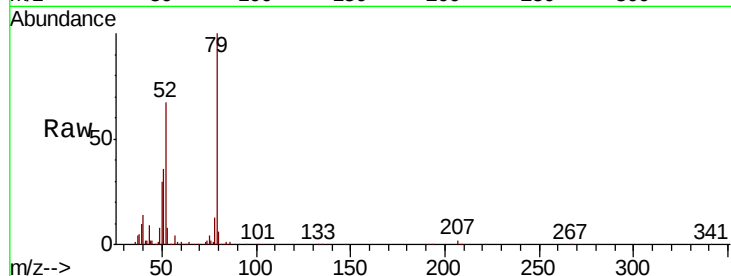
Tgt Ion: 79 Resp: 414706

Ion Ratio Lower Upper

79 100

52 66.5 56.4 84.6

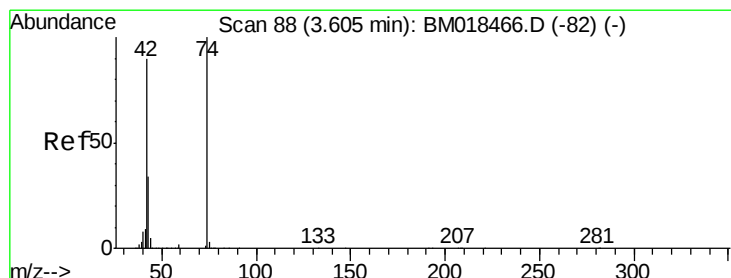
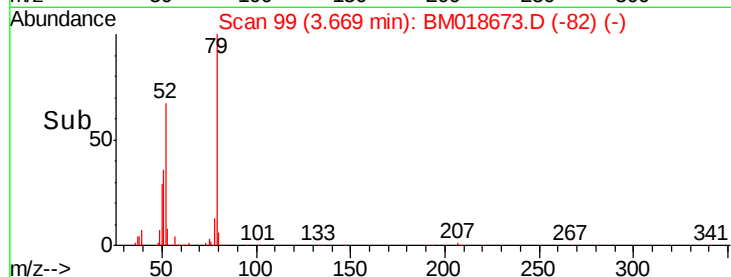
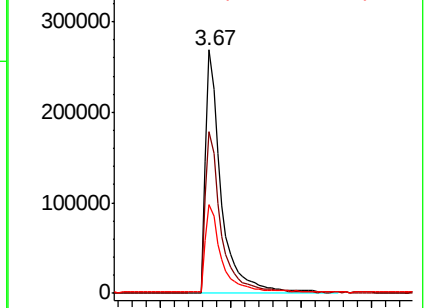
51 36.4 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 49.089 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

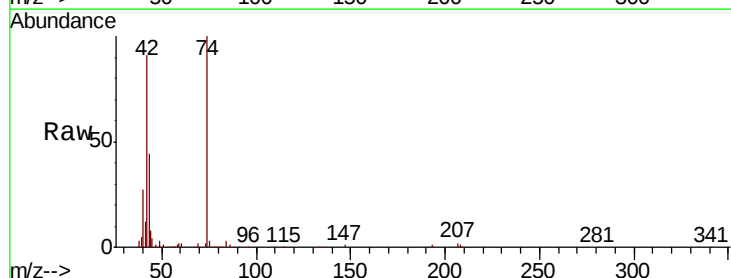
Tgt Ion: 42 Resp: 239919

Ion Ratio Lower Upper

42 100

74 110.4 88.6 132.8

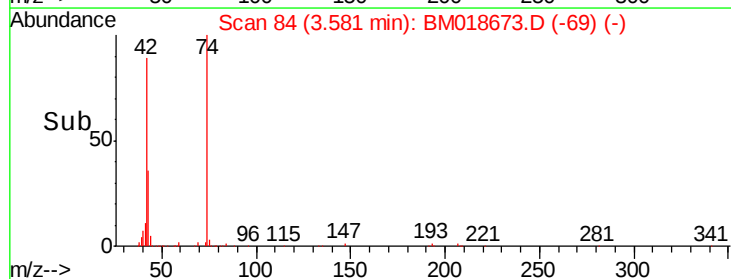
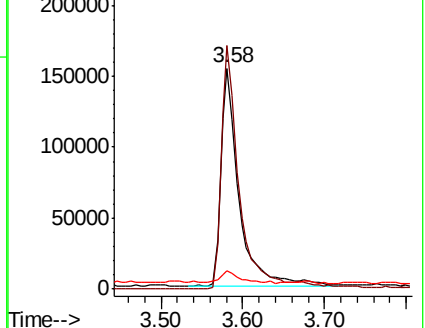
44 8.3 16.9 25.3#

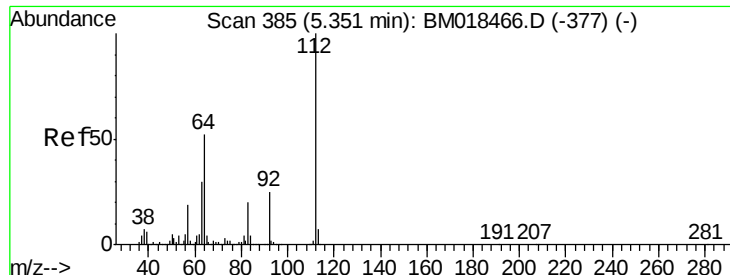


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 133.380 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018673.D

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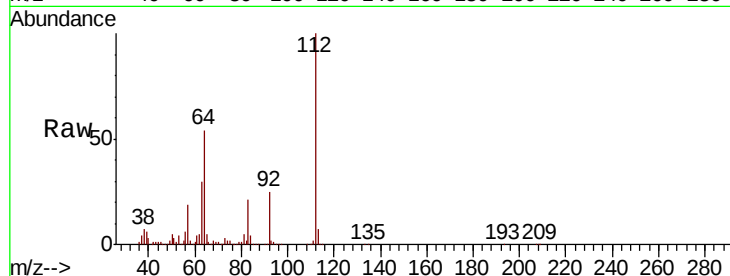
Tgt Ion: 112 Resp: 1551403

Ion Ratio Lower Upper

112 100

64 54.2 46.5 69.7

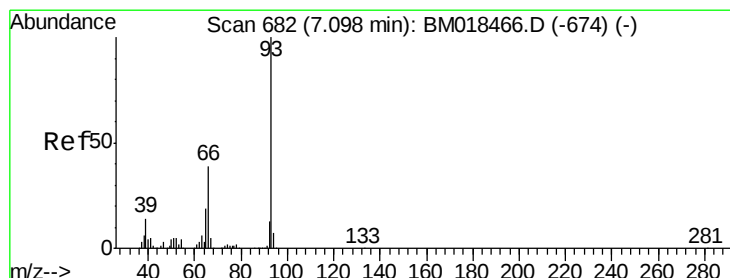
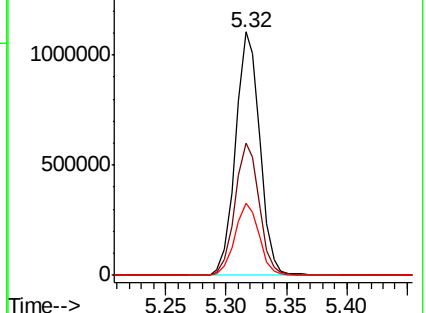
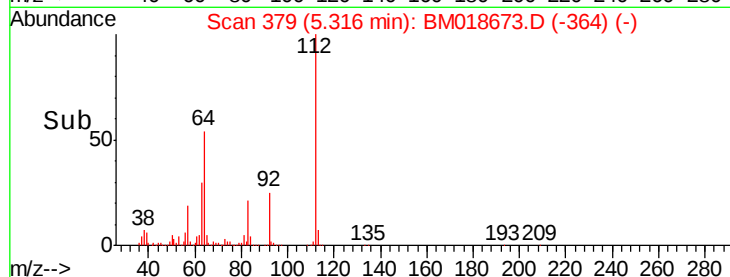
63 29.8 25.2 37.8



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



#6

Aniline

Concen: 10.125 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

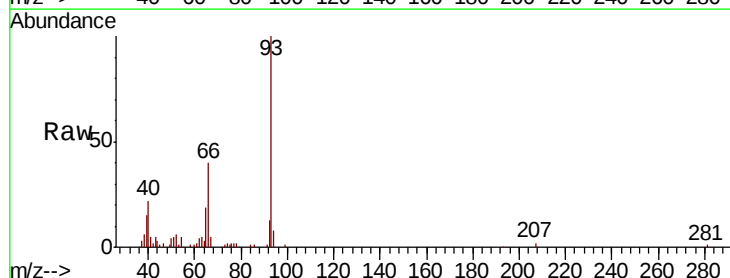
Tgt Ion: 93 Resp: 166854

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

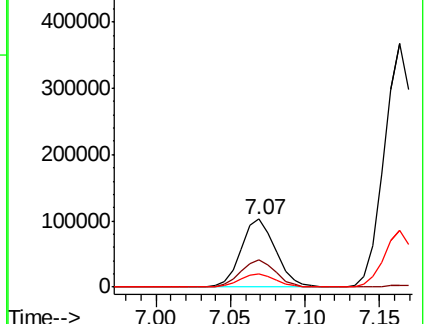
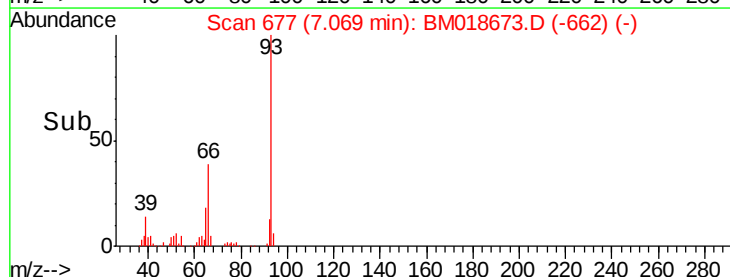
65 18.8 15.9 23.9

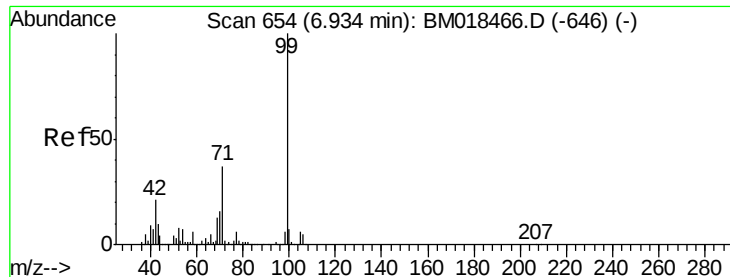


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 123.512 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

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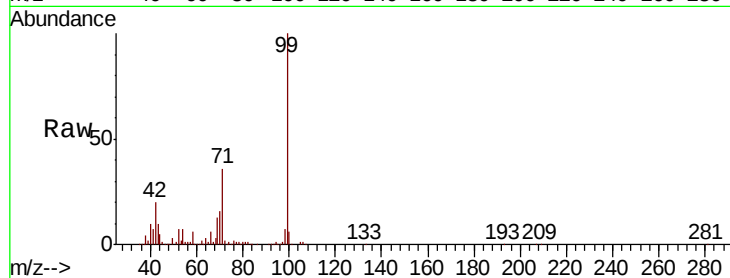
Tgt Ion: 99 Resp: 1824685

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

71 35.7 28.0 42.0

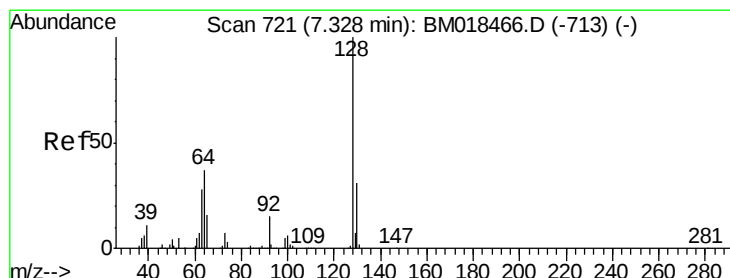
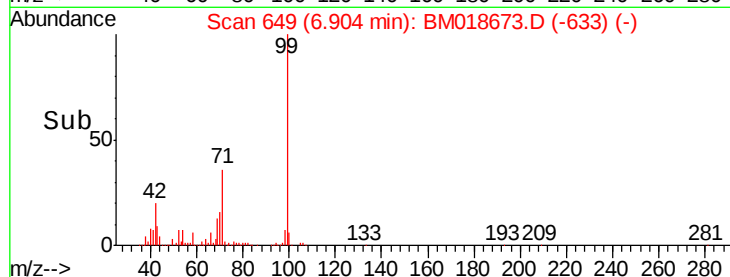
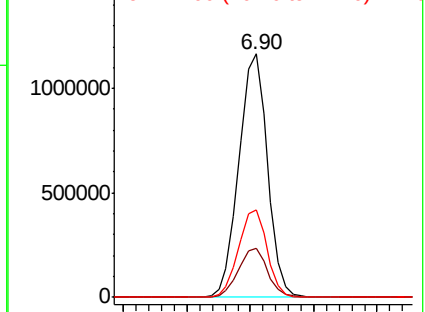


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 46.581 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

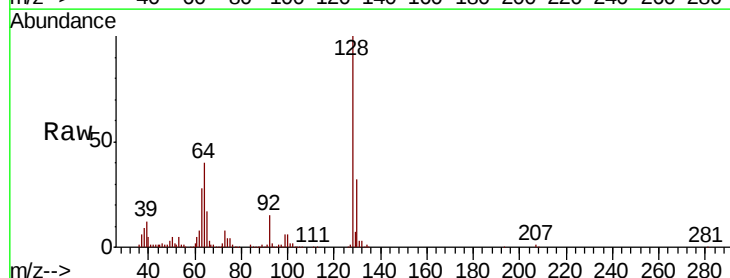
Tgt Ion: 128 Resp: 632777

Ion Ratio Lower Upper

128 100

130 32.0 13.6 53.6

64 40.2 24.8 64.8

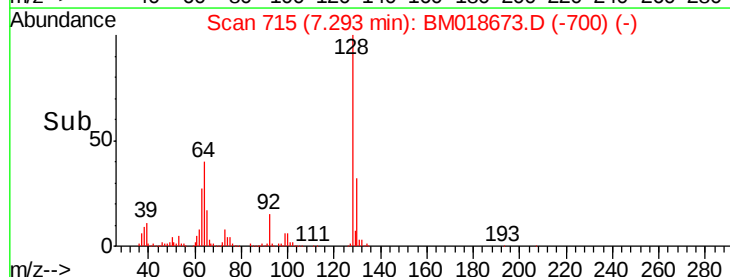
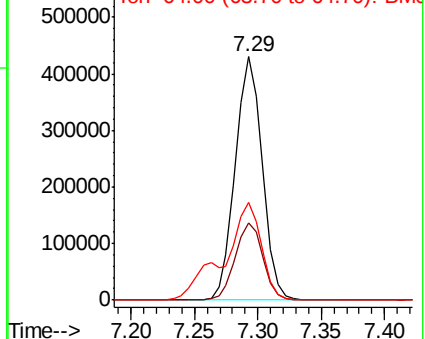


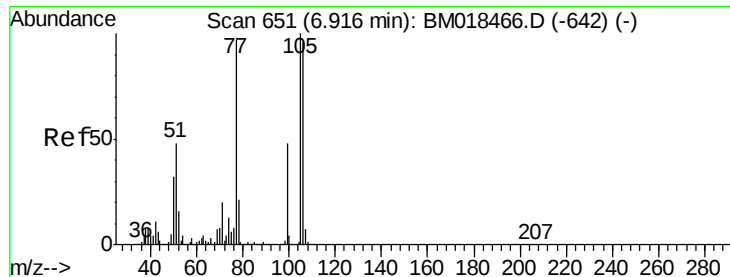
Abundance

Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 10.597 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

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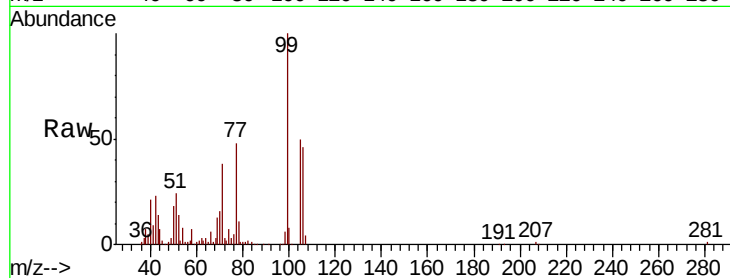
Tgt Ion: 77 Resp: 110076

Ion Ratio Lower Upper

77 100

105 104.1 79.7 119.7

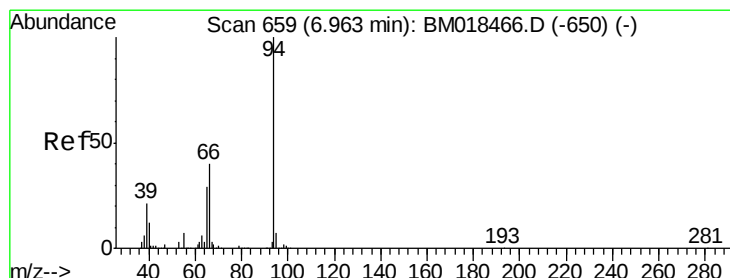
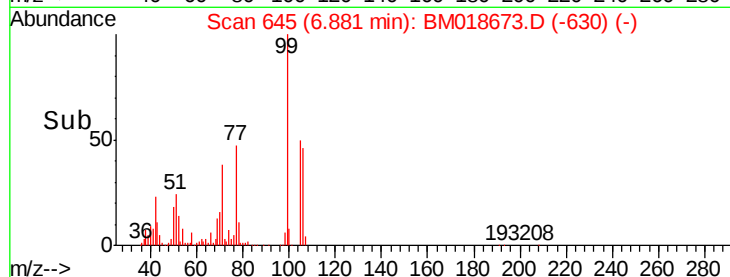
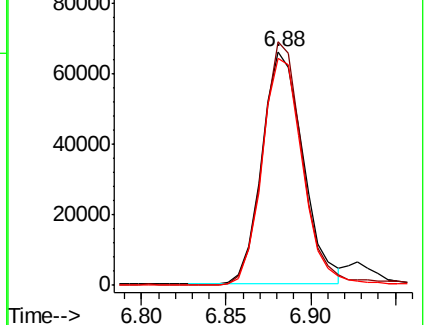
106 96.8 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018673.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018673.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018673.D (-630) (-)



#10

Phenol

Concen: 40.621 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

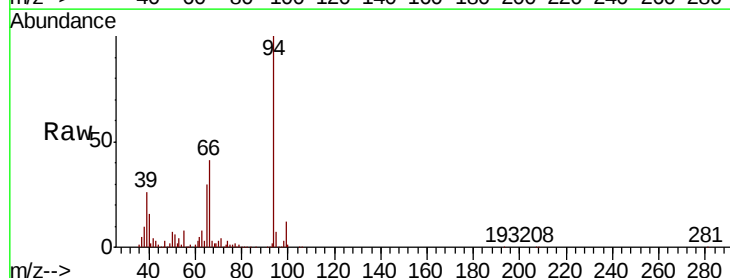
Tgt Ion: 94 Resp: 609804

Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

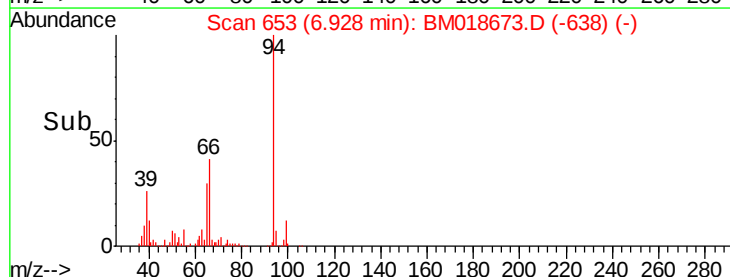
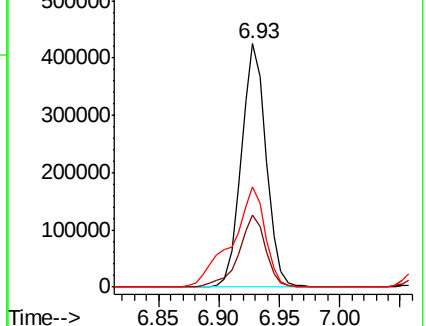
66 41.4 19.1 59.1

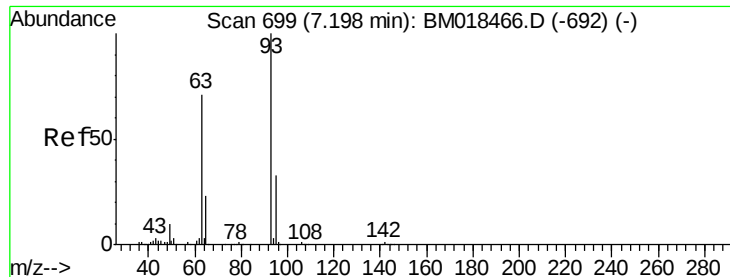


Abundance Ion 94.00 (93.70 to 94.70): BM018673.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018673.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018673.D (-638) (-)

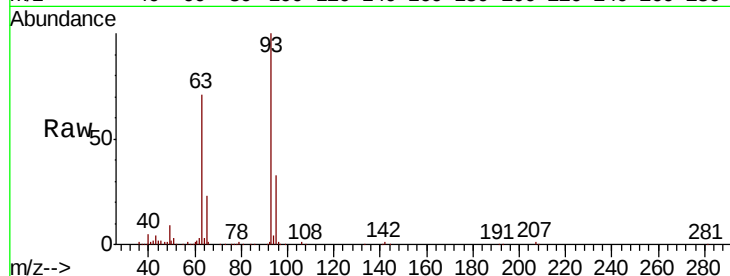




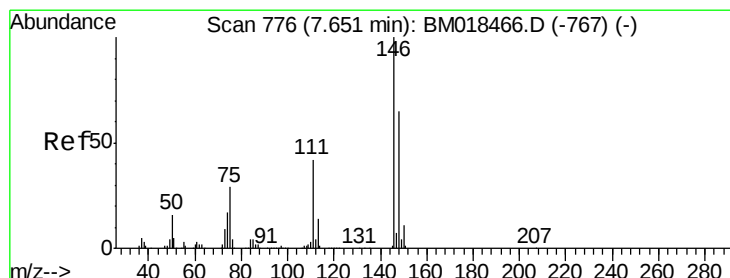
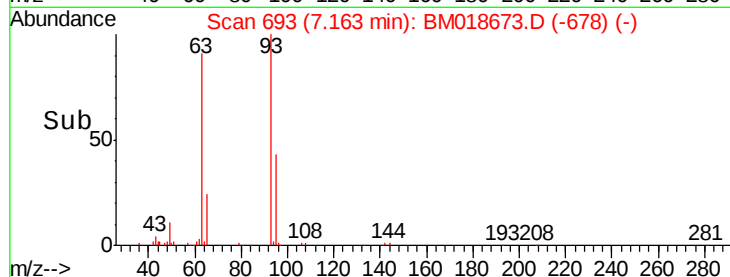
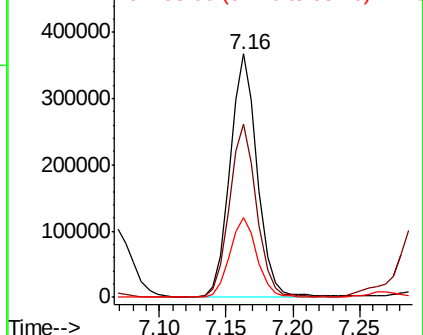
#11
 bis(2-Chloroethyl)ether
 Concen: 44.104 ng
 RT: 7.16 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion:	93	Resp:	520236
Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.4	96.4
95	33.0	12.7	52.7

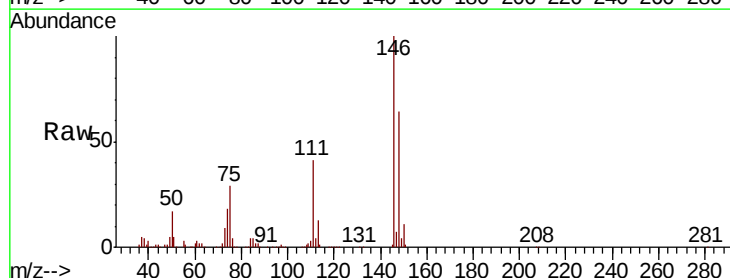


Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)
 Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)
 Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)

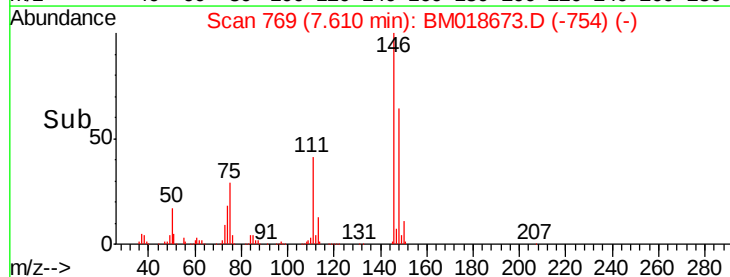
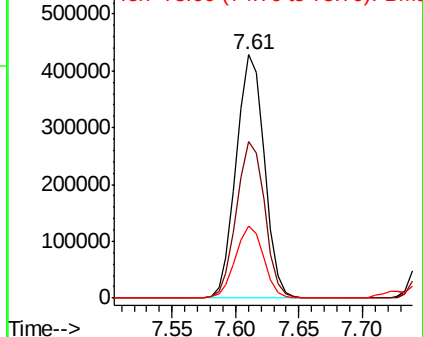


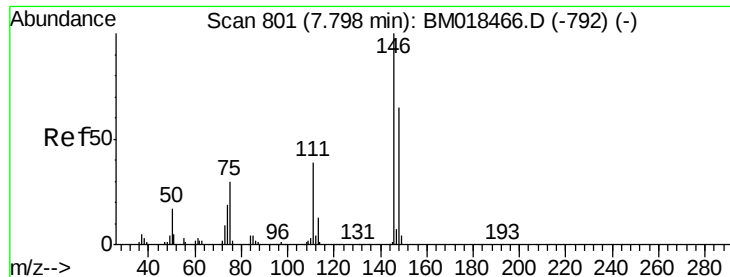
#12
 1,3-Dichlorobenzene
 Concen: 40.831 ng
 RT: 7.61 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:	146	Resp:	660568
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	29.5	23.0	34.6



Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)
 Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)
 Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)

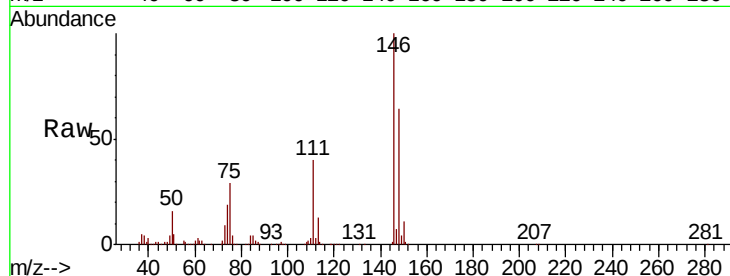




#13
 1,4-Dichlorobenzene
 Concen: 41.474 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.8	32.2	48.2

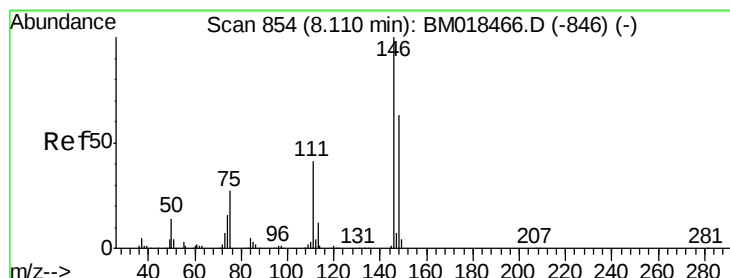
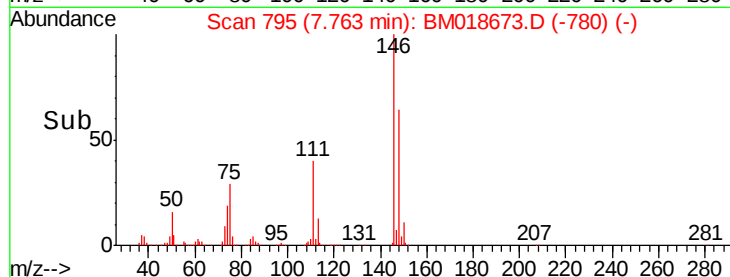
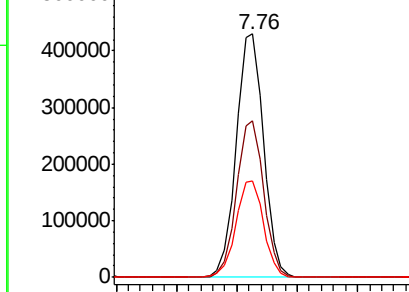


Abundance

Ion 146.00 (145.70 to 146.70): E

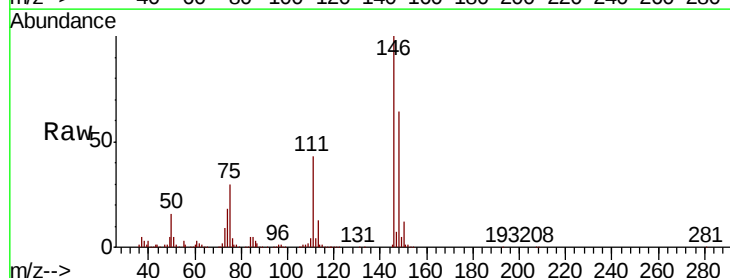
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.872 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	42.7	33.8	50.6

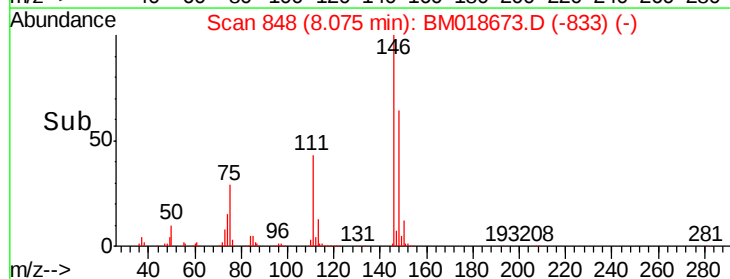
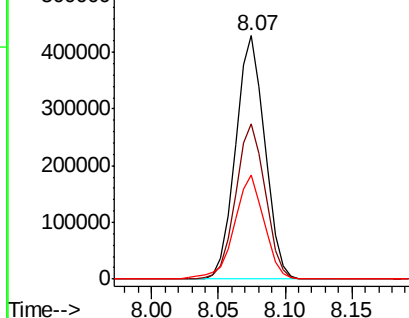


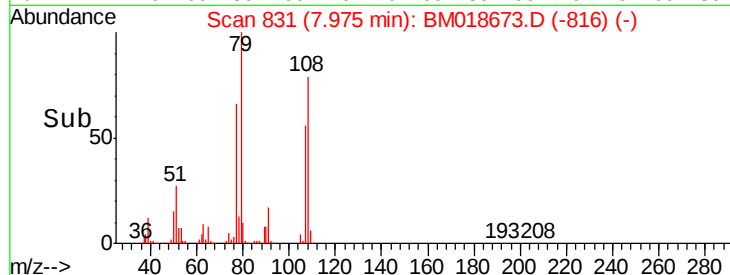
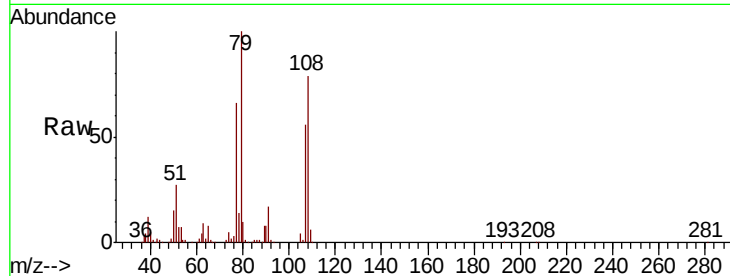
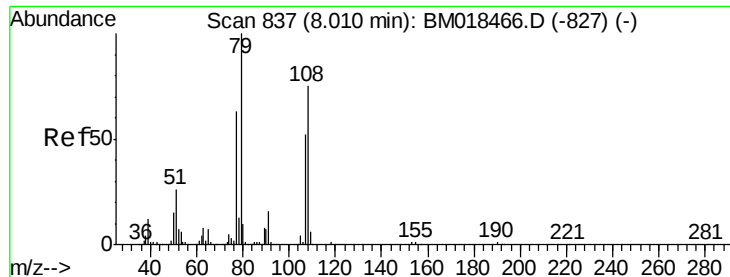
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

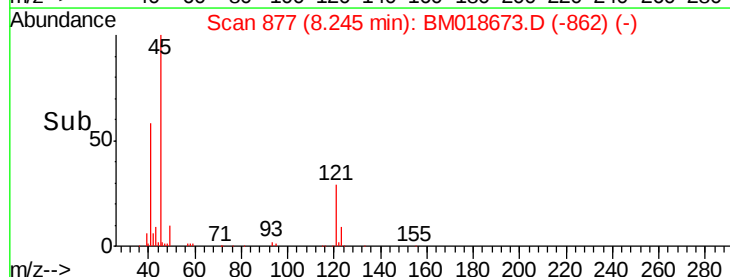
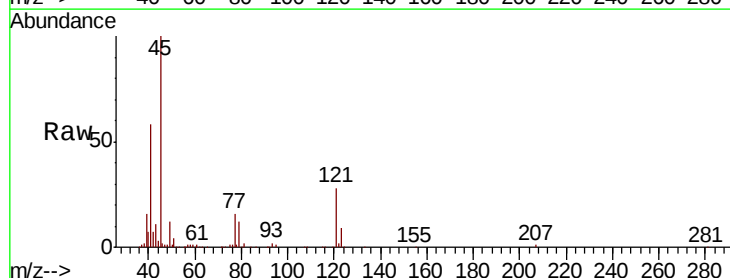
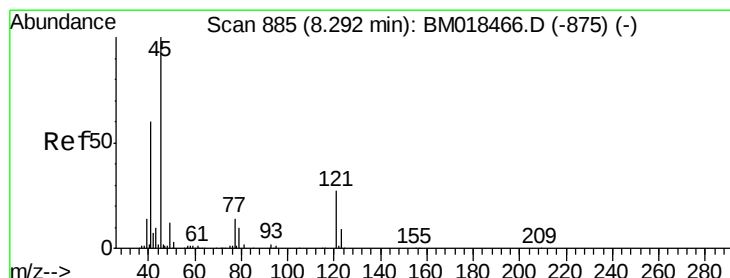
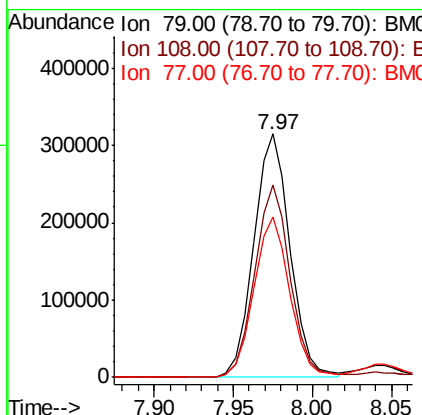




#15
Benzyl Alcohol
Concen: 46.978 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

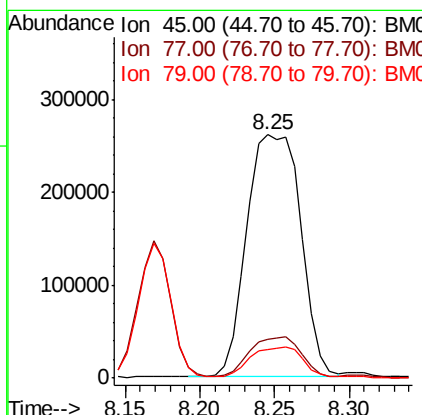
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

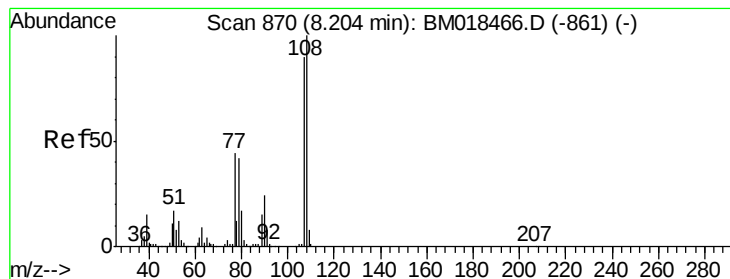
Tgt Ion:	79	Resp:	501262
Ion	Ratio	Lower	Upper
79	100		
108	79.0	60.4	90.6
77	65.7	53.4	80.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.366 ng
RT: 8.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:	45	Resp:	653723
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	33.4
79	11.9	0.0	31.1





#17

2-Methylphenol

Concen: 47.275 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

Tgt Ion:107 Resp: 481738

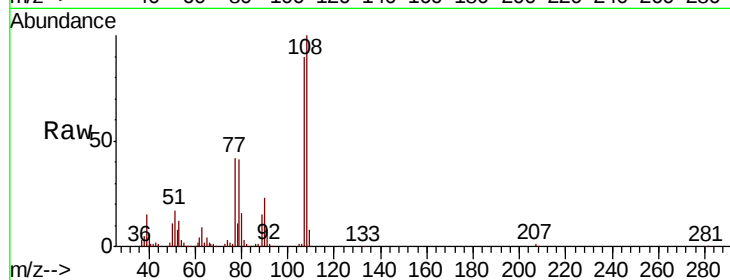
Ion Ratio Lower Upper

107 100

108 111.6 87.5 131.3

77 46.6 37.3 55.9

79 46.1 36.4 54.6

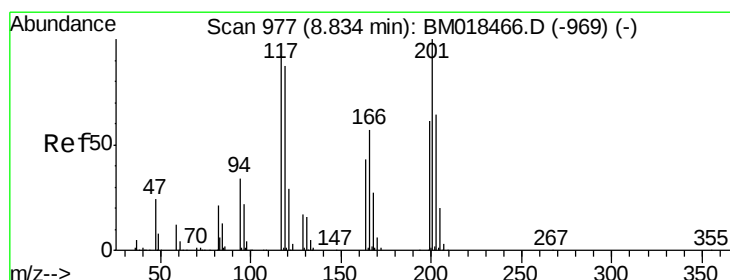
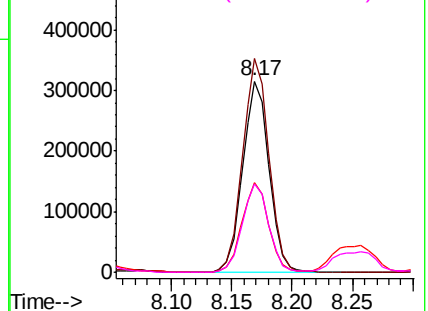
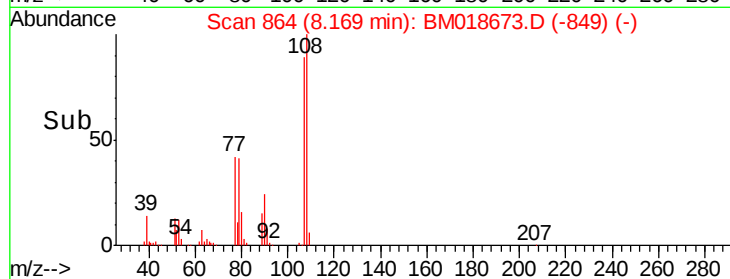


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 41.585 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

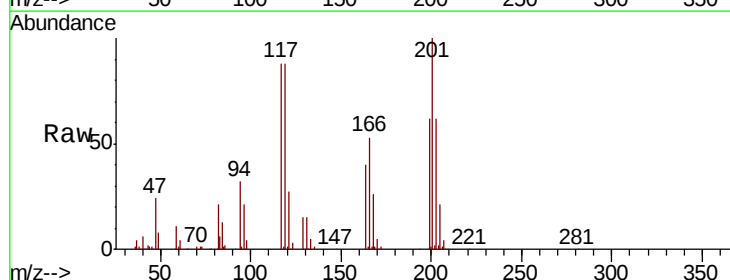
Tgt Ion:117 Resp: 243126

Ion Ratio Lower Upper

117 100

119 99.5 78.3 117.5

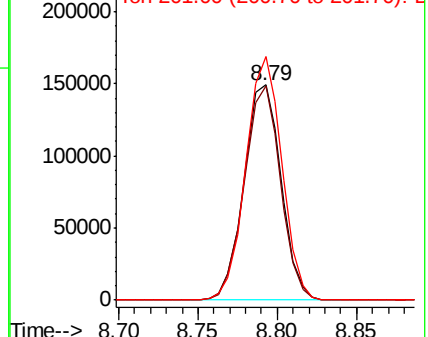
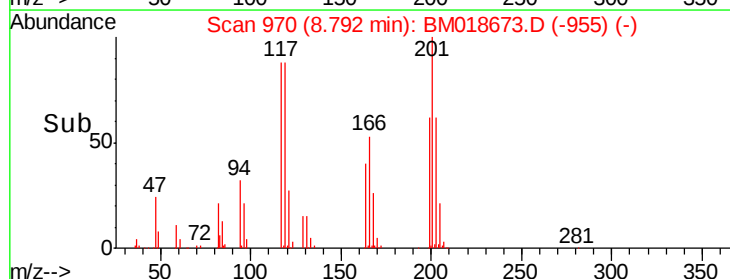
201 113.3 81.4 122.0

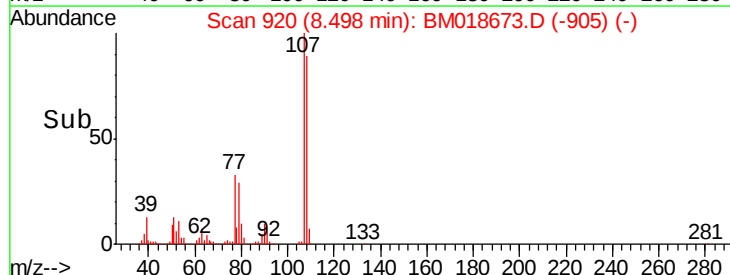
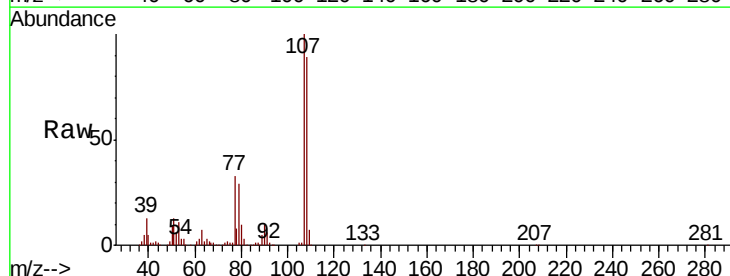
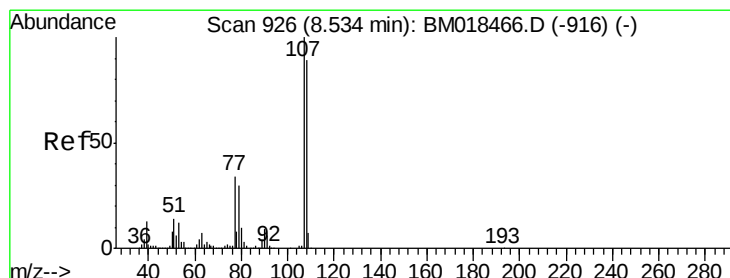
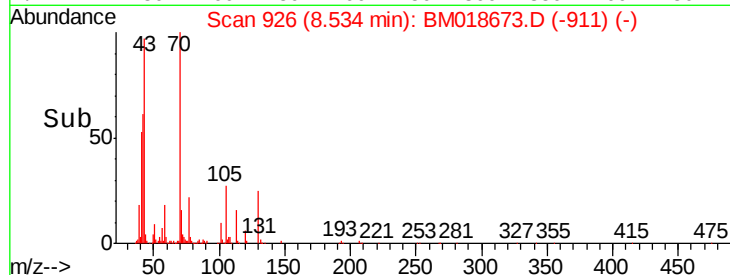
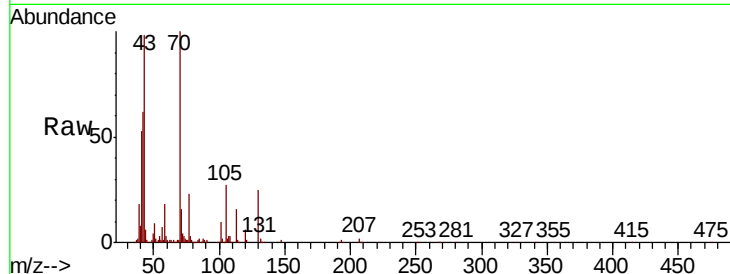
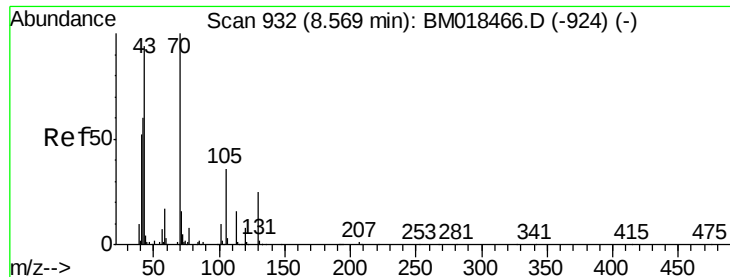


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

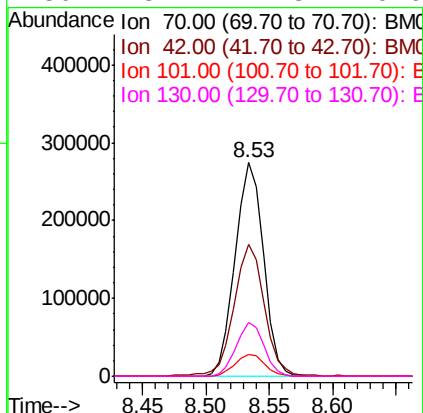




#19
n-Nitroso-di-n-propylamine
Concen: 44.279 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

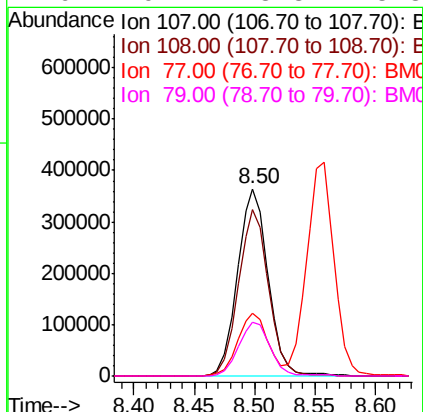
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

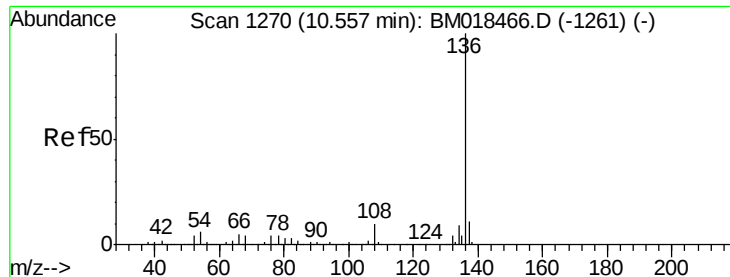
Tgt Ion:	70	Resp:	425703
Ion	Ratio	Lower	Upper
70	100		
42	61.6	54.0	81.0
101	10.4	8.1	12.1
130	25.1	17.8	26.6



#20
3+4-Methylphenols
Concen: 45.608 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:	107	Resp:	641581
Ion	Ratio	Lower	Upper
107	100		
108	89.0	66.8	106.8
77	33.5	13.3	53.3
79	29.1	8.8	48.8

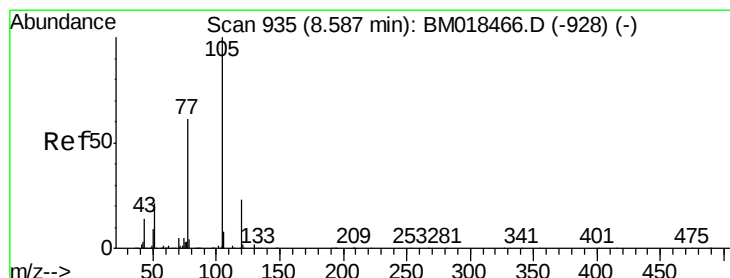
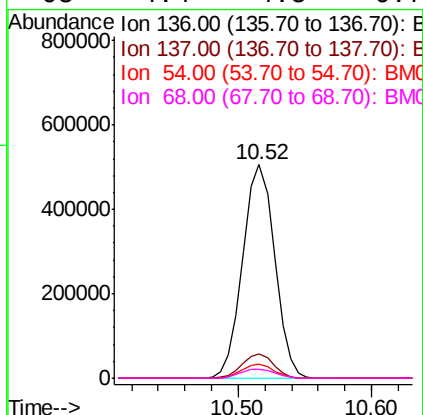
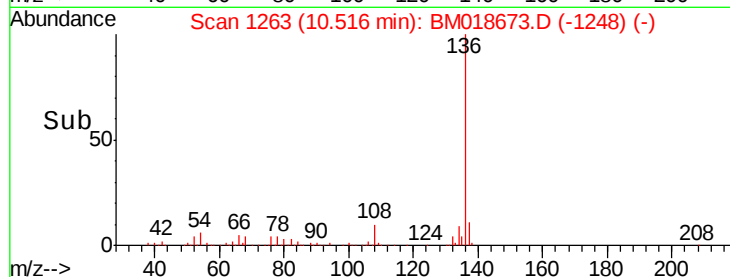
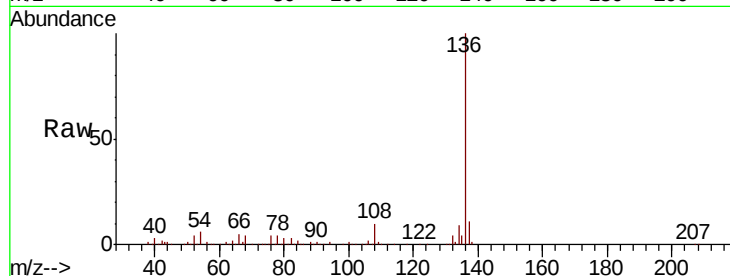




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

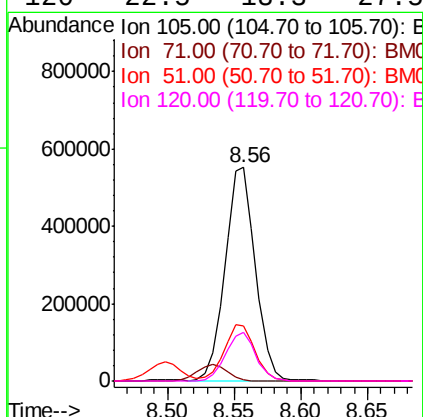
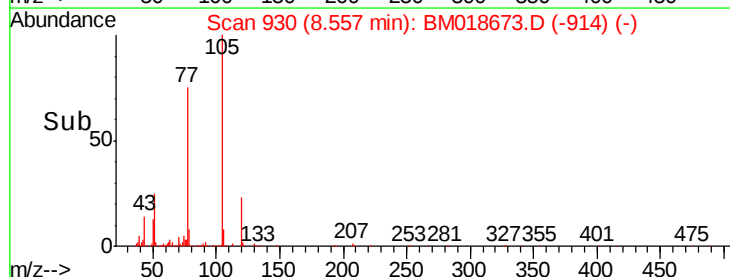
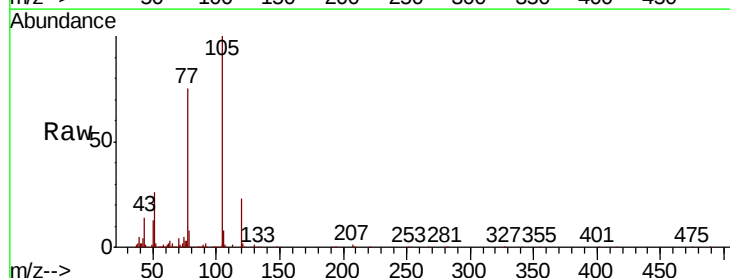
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

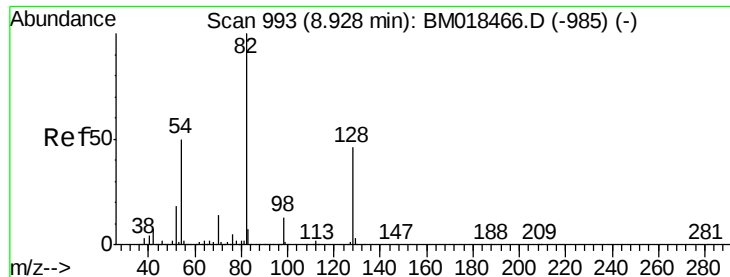
Tgt Ion:	136	Resp:	839812
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.5	6.0	9.0
68	4.4	4.5	6.7#



#22
Acetophenone
Concen: 41.969 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:	105	Resp:	871902
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.7	2.5#
51	25.6	22.6	34.0
120	22.5	18.3	27.5

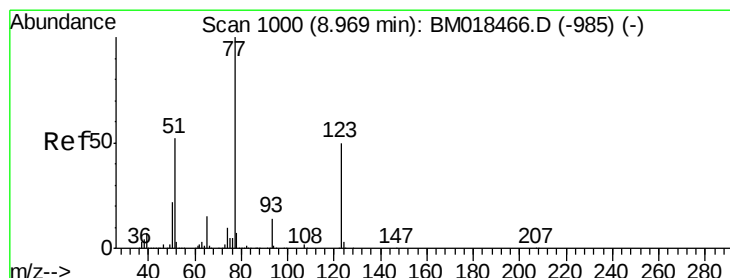
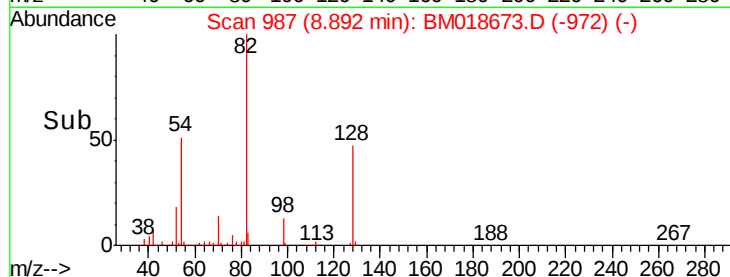
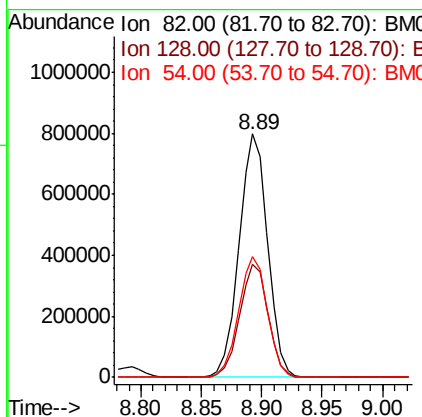
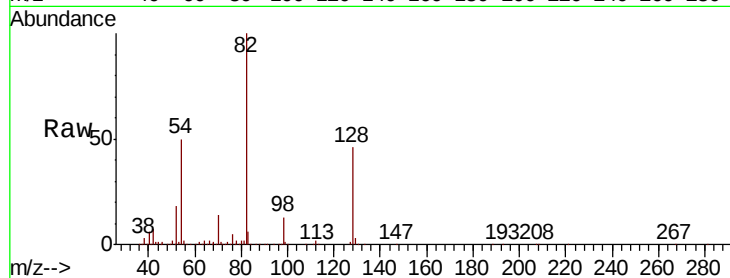




#23
 Nitrobenzene-d5
 Concen: 90.908 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

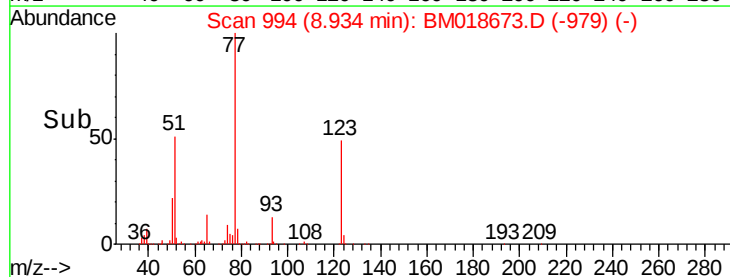
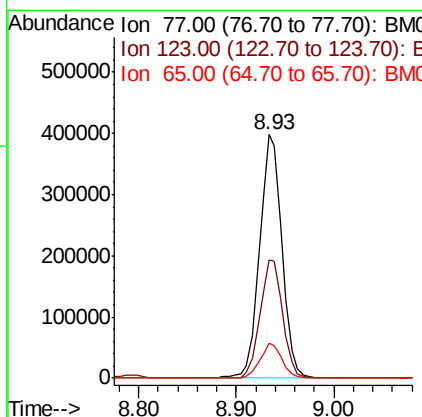
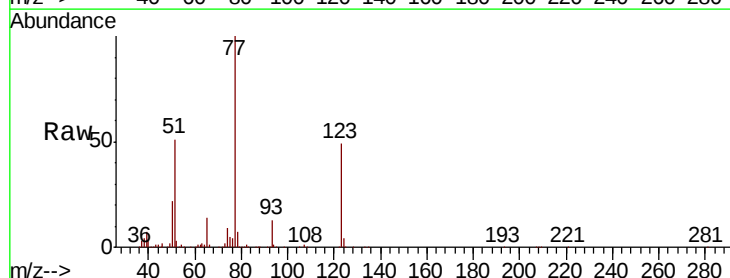
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

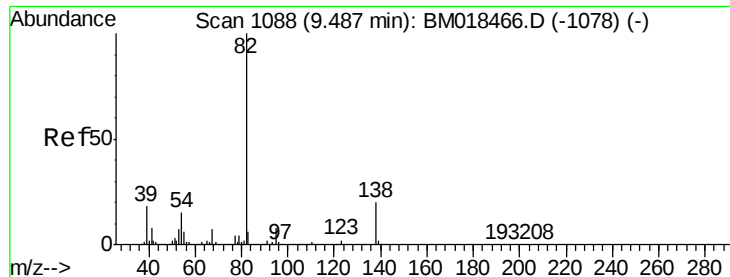
Tgt Ion: 82 Resp: 1316960
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 49.8 41.7 62.5



#24
 Nitrobenzene
 Concen: 44.827 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion: 77 Resp: 638965
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.7 56.5
 65 14.1 11.0 16.6





#25

Isophorone

Concen: 51.877 ng

RT: 9.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

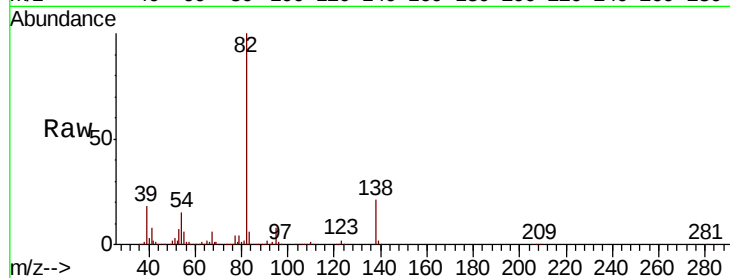
Tgt Ion: 82 Resp: 1138018

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

138 20.5 15.1 22.7

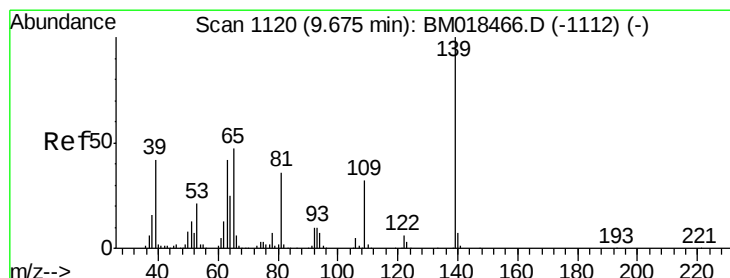
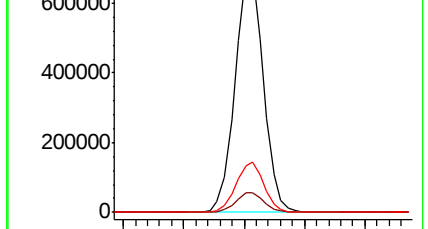
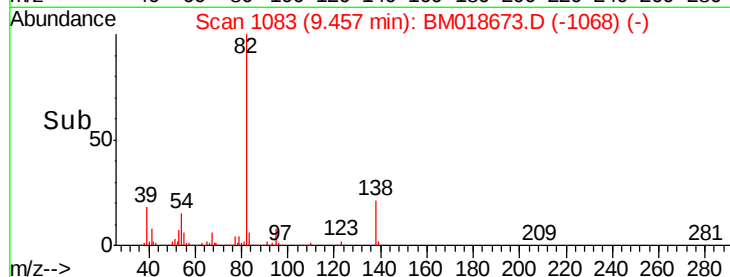


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

Time-->



#26

2-Nitrophenol

Concen: 49.440 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

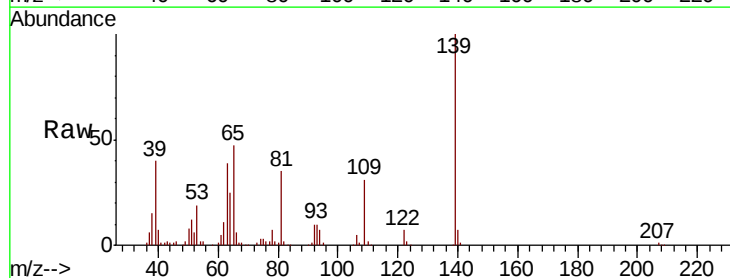
Tgt Ion: 139 Resp: 340757

Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.2

65 47.3 39.4 59.2

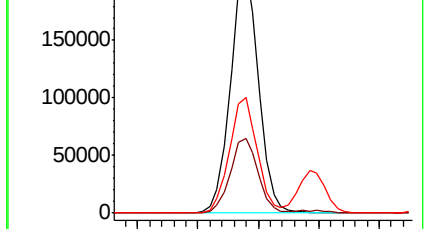
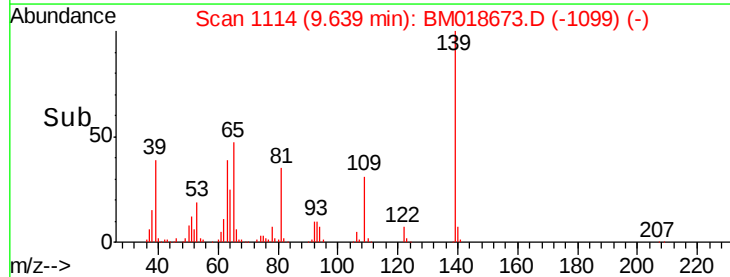


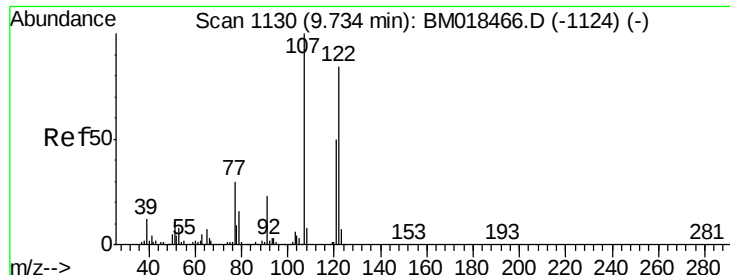
Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

Time-->

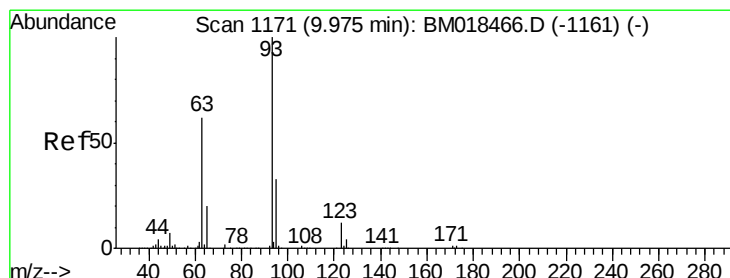
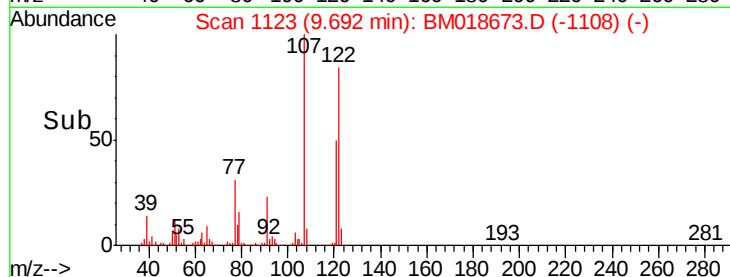
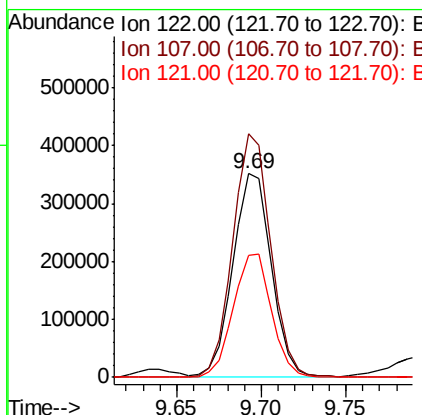
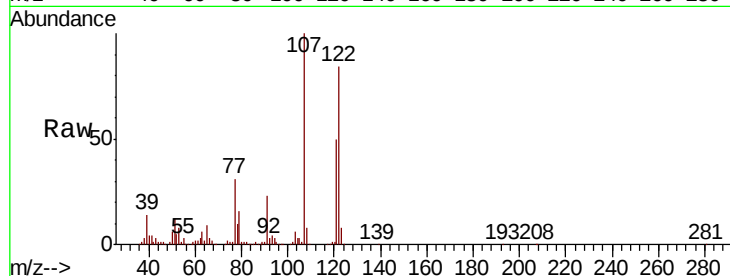




#27
 2,4-Dimethylphenol
 Concen: 53.656 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

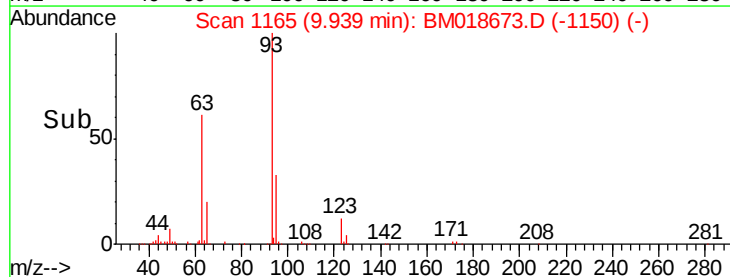
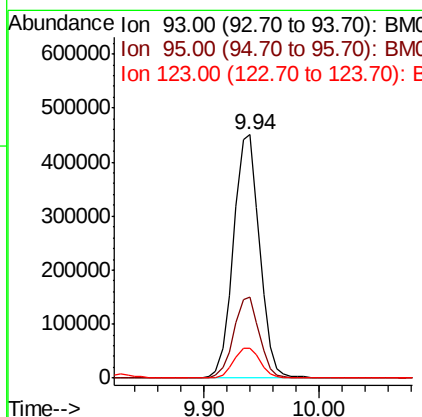
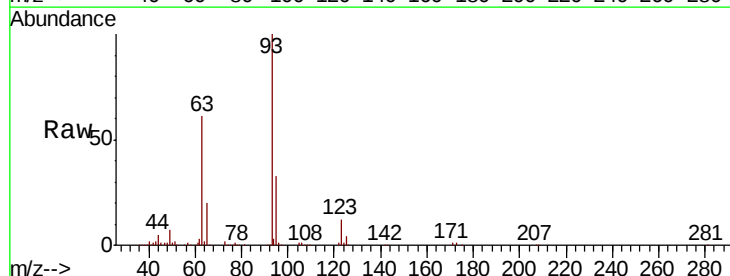
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion: 122 Resp: 554311
 Ion Ratio Lower Upper
 122 100
 107 119.6 91.9 137.9
 121 60.0 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.732 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion: 93 Resp: 708203
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 39.8
 123 12.2 9.9 14.9

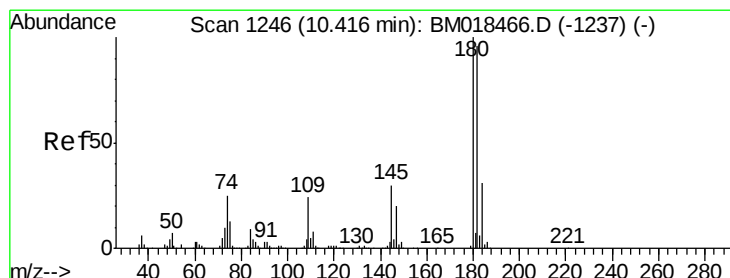
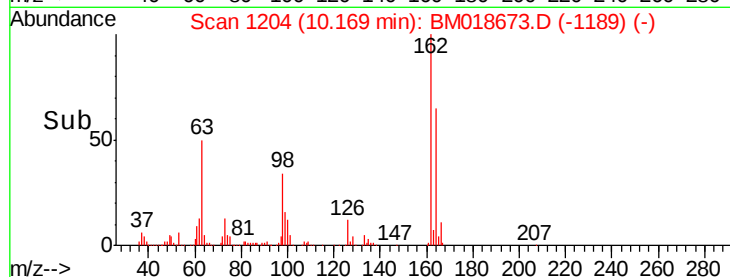
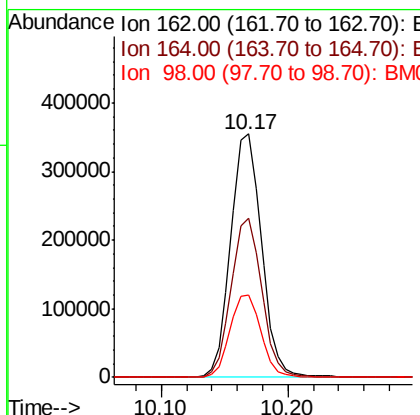
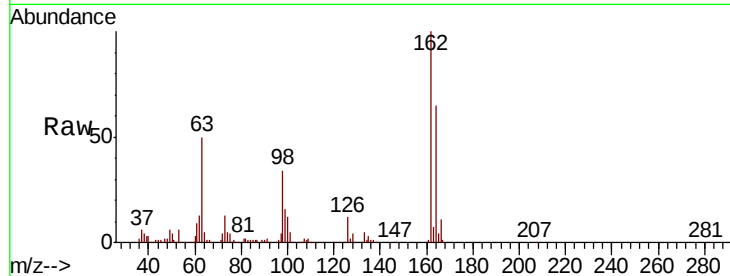




#29
 2,4-Dichlorophenol
 Concen: 48.634 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

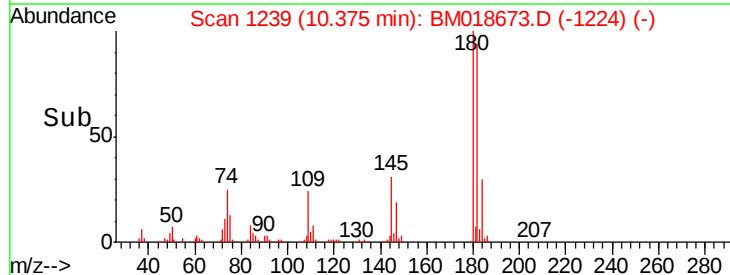
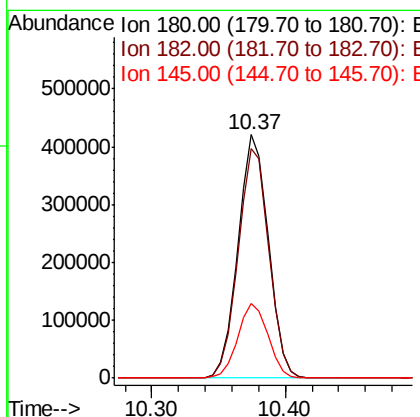
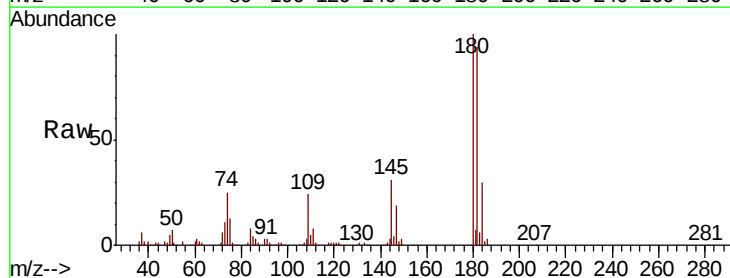
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

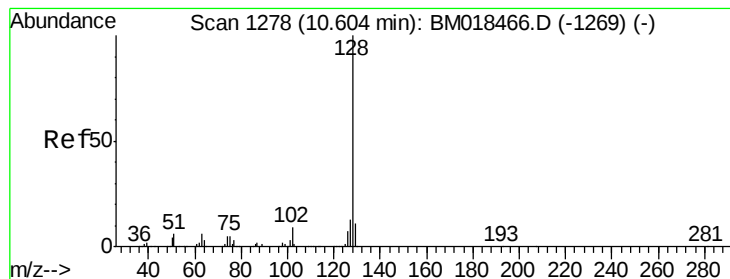
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.6	85.6
98	34.0	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 43.312 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.4	116.2
145	30.6	24.6	37.0





#31

Naphthalene

Concen: 47.362 ng

RT: 10.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

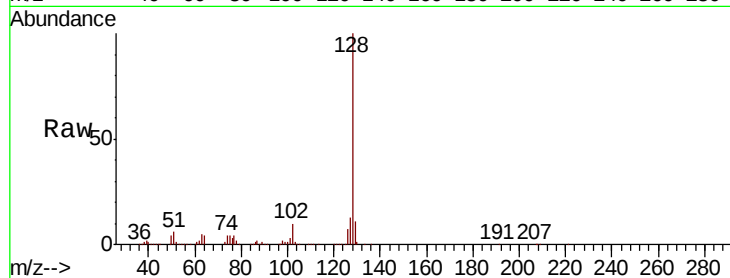
Tgt Ion:128 Resp: 1915574

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

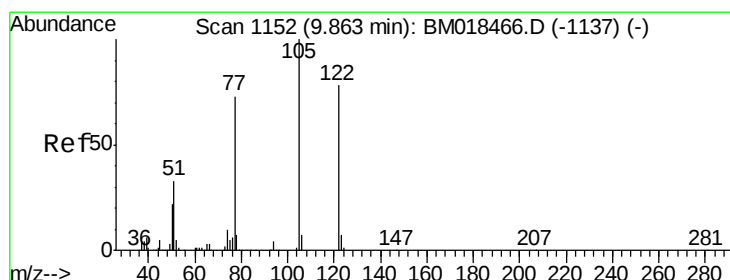
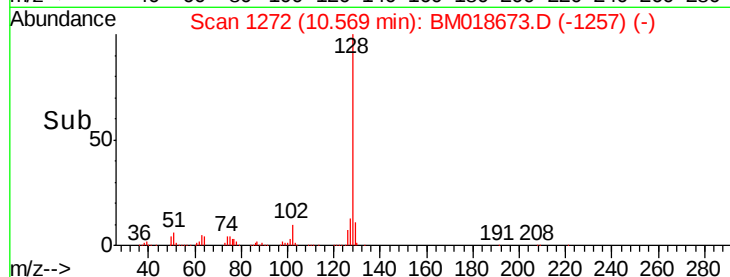
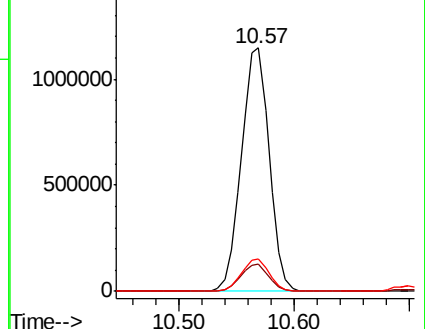
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.014 ng

RT: 9.83 min Scan# 1146

Delta R.T. -0.04 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

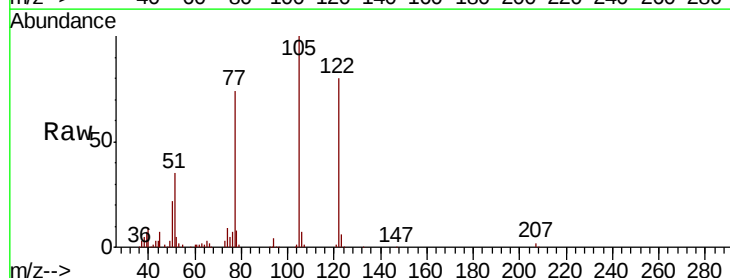
Tgt Ion:122 Resp: 237441

Ion Ratio Lower Upper

122 100

105 125.1 100.4 140.4

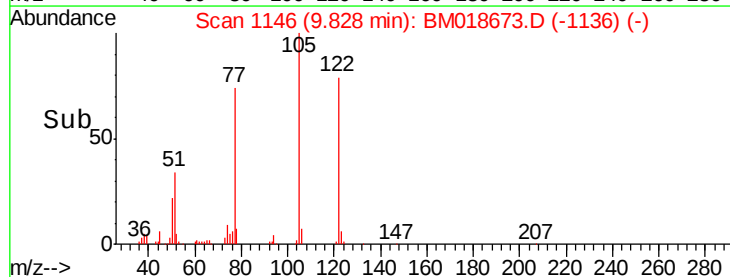
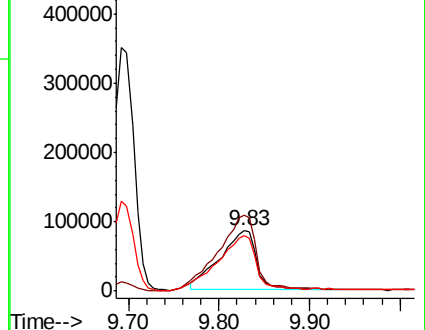
77 92.4 71.7 111.7

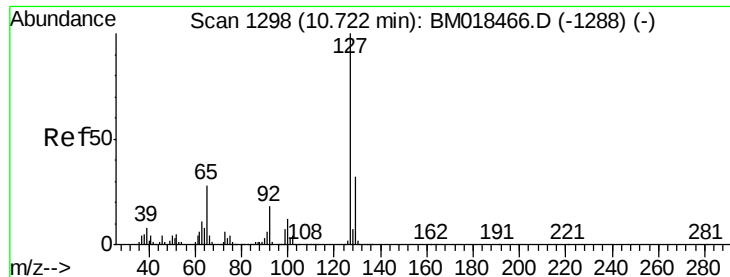


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

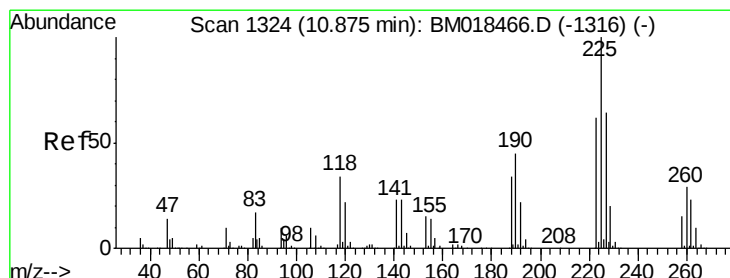
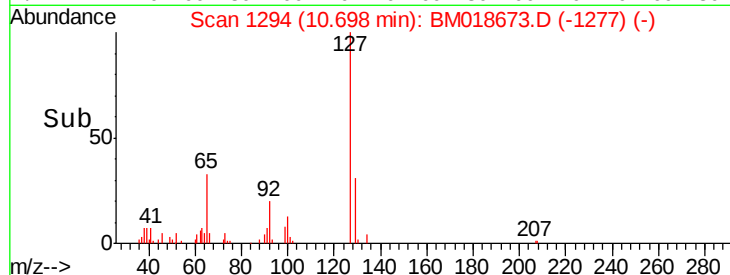
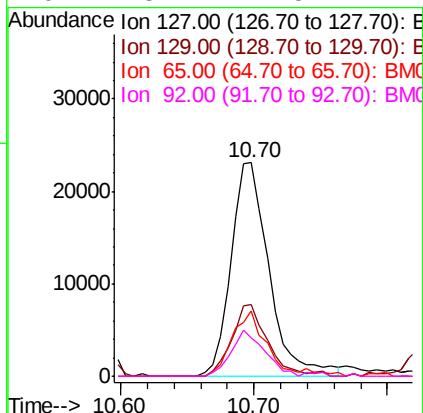
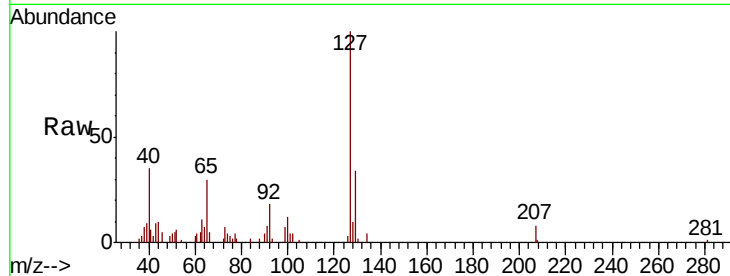




#33
4-Chloroaniline
Concen: 2.881 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

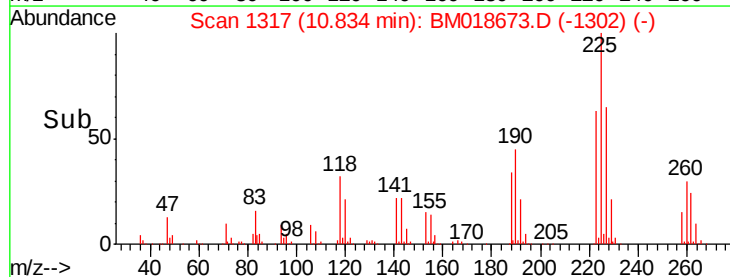
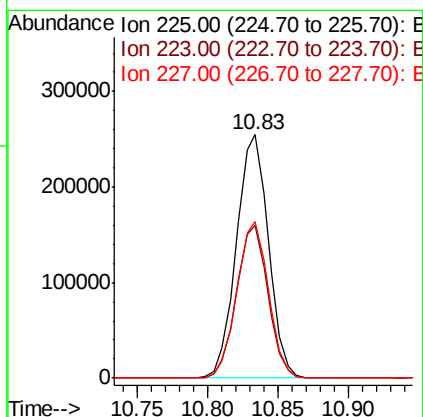
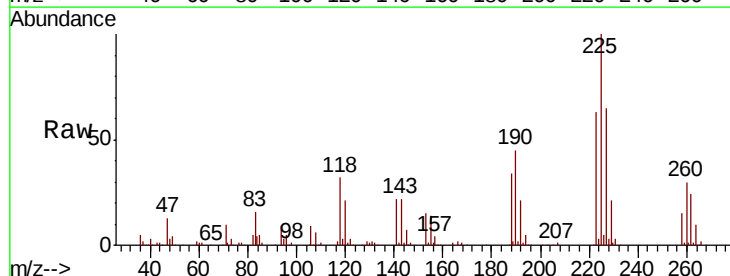
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

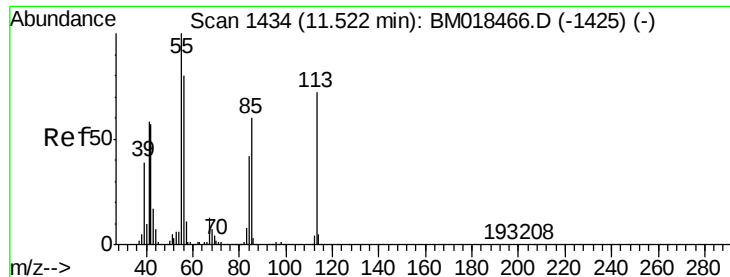
Tgt Ion:	127	Resp:	45885
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	30.3	23.4	35.2
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.764 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:	225	Resp:	402863
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	64.5	50.4	75.6





#35

Caprolactam

Concen: 14.553 ng

RT: 11.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

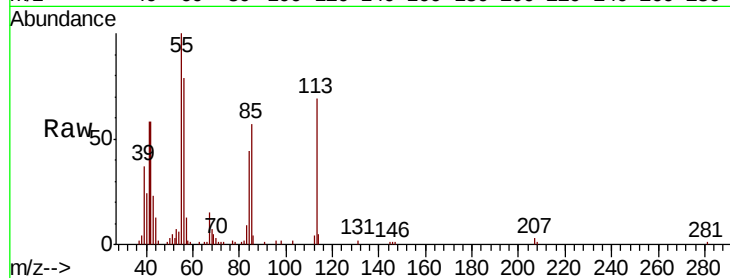
Tgt Ion:113 Resp: 60866

Ion Ratio Lower Upper

113 100

55 144.4 139.3 179.3

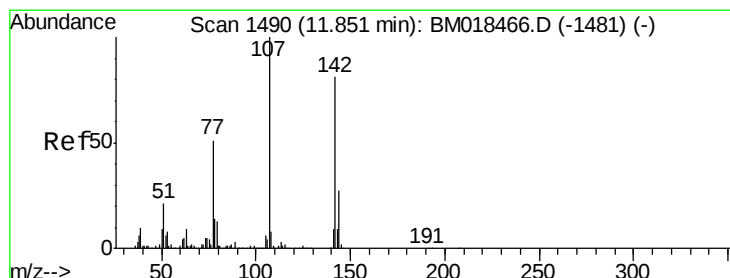
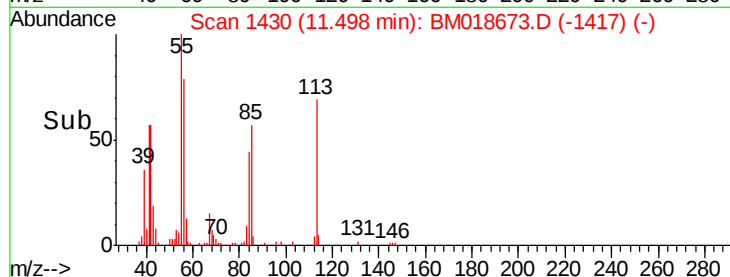
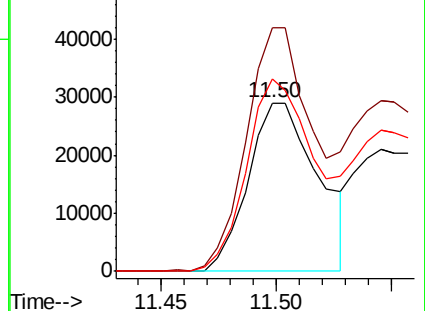
56 114.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.832 ng

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

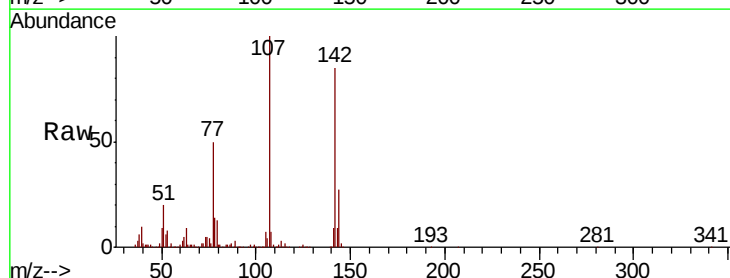
Tgt Ion:107 Resp: 617313

Ion Ratio Lower Upper

107 100

144 27.0 21.9 32.9

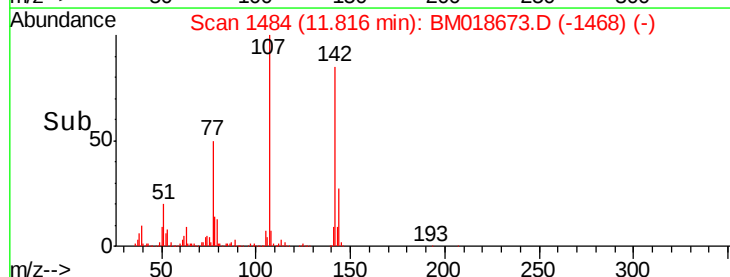
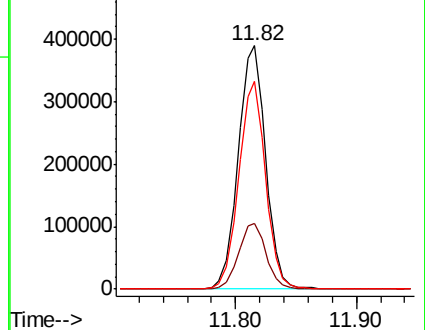
142 85.4 67.9 101.9

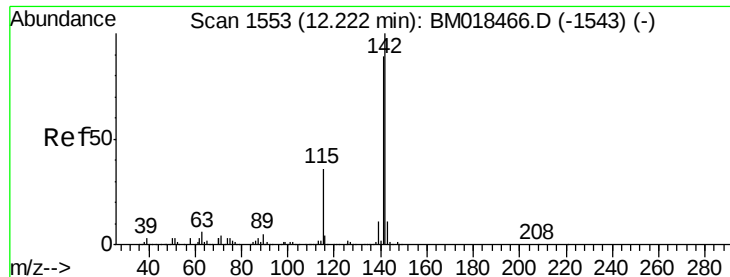


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

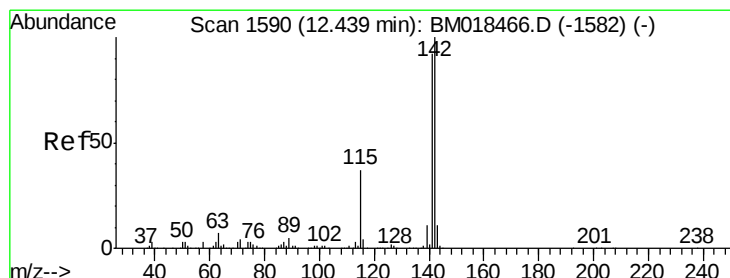
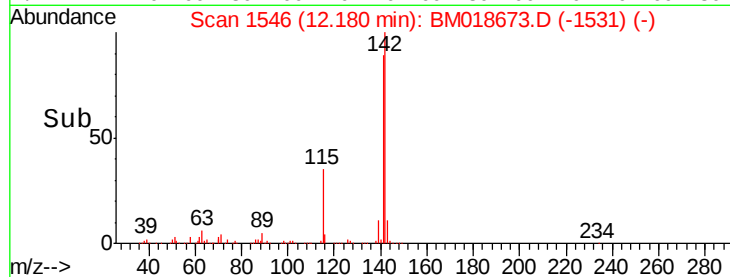
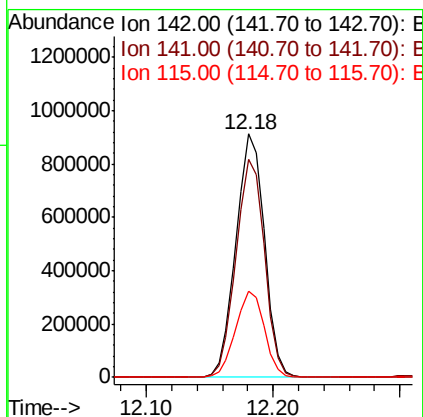
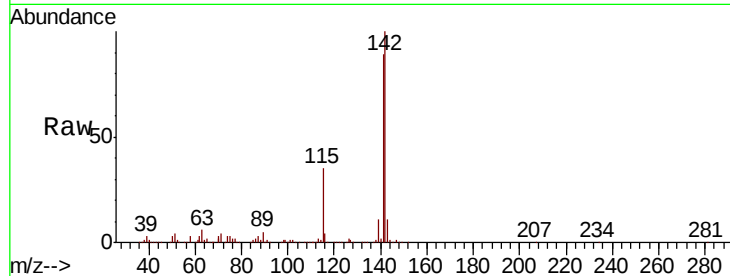




#37
 2-Methylnaphthalene
 Concen: 49.759 ng
 RT: 12.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

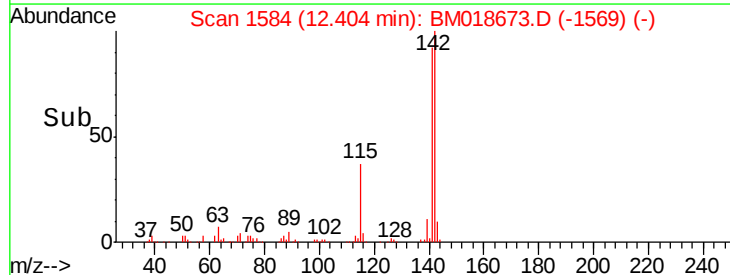
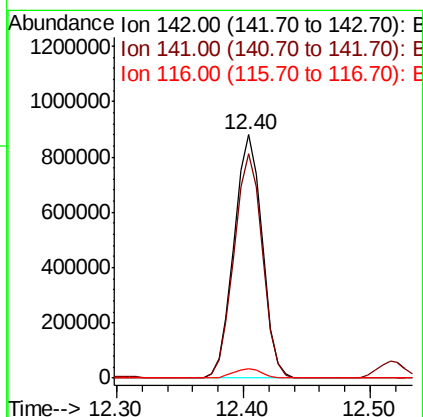
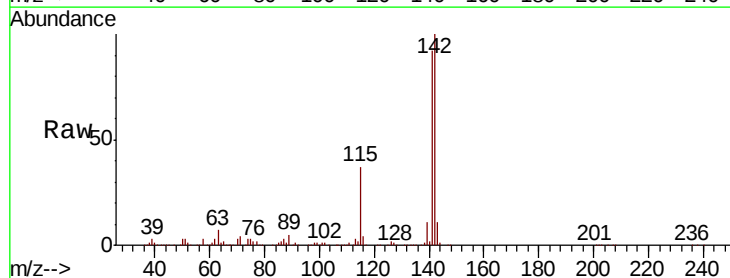
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion:142 Resp: 1421929
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 35.3 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 48.889 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:142 Resp: 1351780
 Ion Ratio Lower Upper
 142 100
 141 92.2 75.6 113.4
 116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

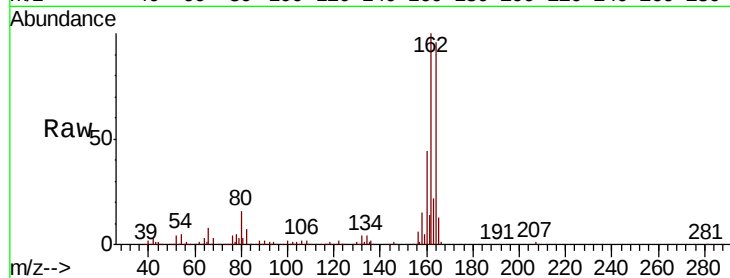
Tgt Ion:164 Resp: 474275

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.4

160 46.0 37.1 55.7

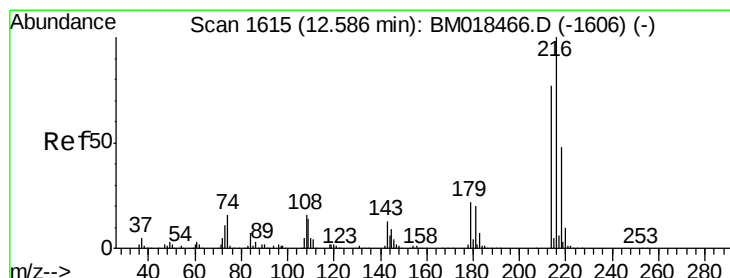
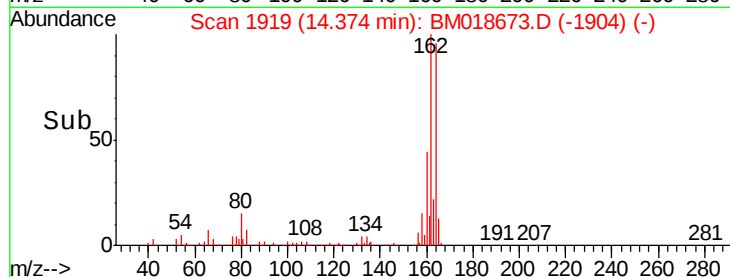
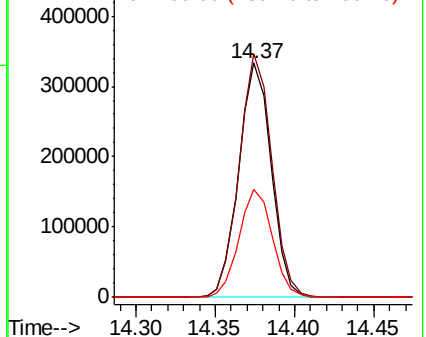


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.575 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:216 Resp: 739278

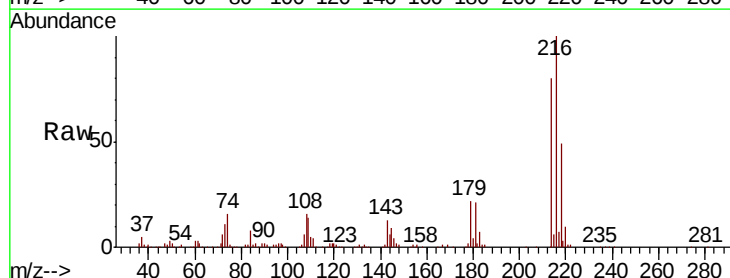
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 22.2 17.9 26.9

108 19.6 15.8 23.6



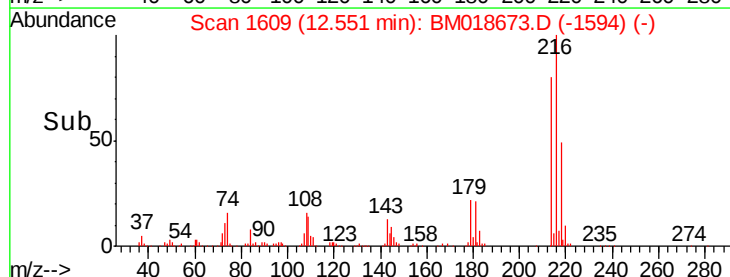
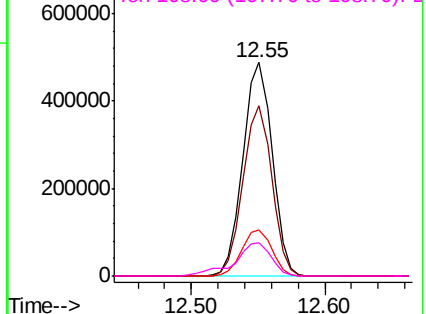
Abundance

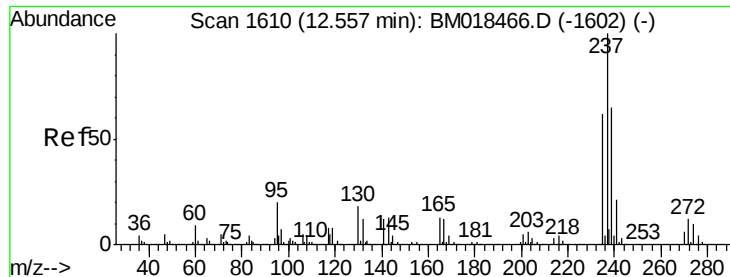
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.018 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

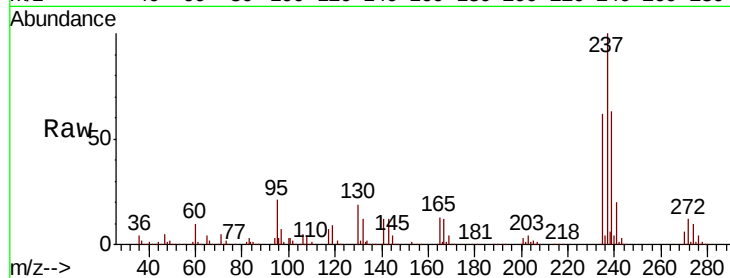
Tgt Ion: 237 Resp: 755667

Ion Ratio Lower Upper

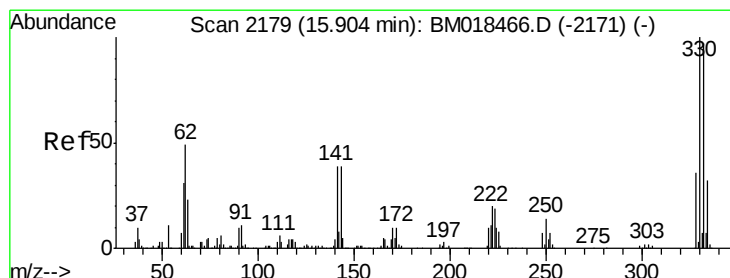
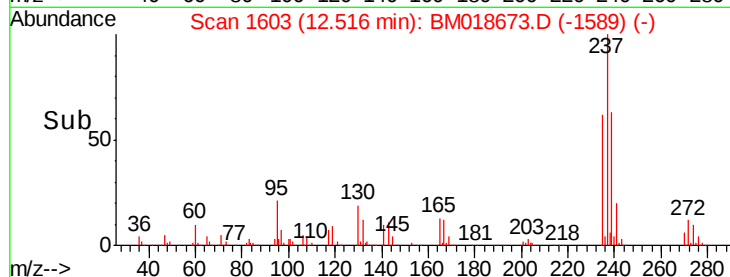
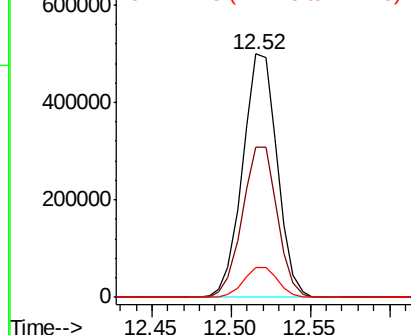
237 100

235 61.9 42.8 82.8

272 12.2 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.121 ng

RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

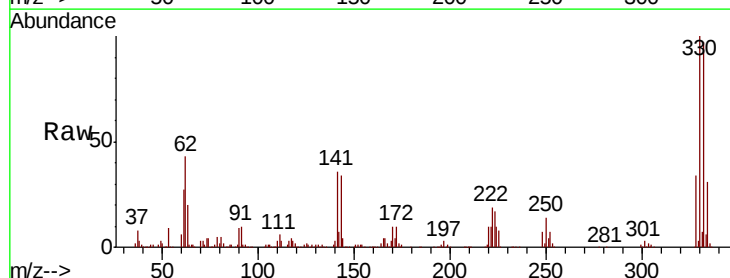
Tgt Ion: 330 Resp: 906557

Ion Ratio Lower Upper

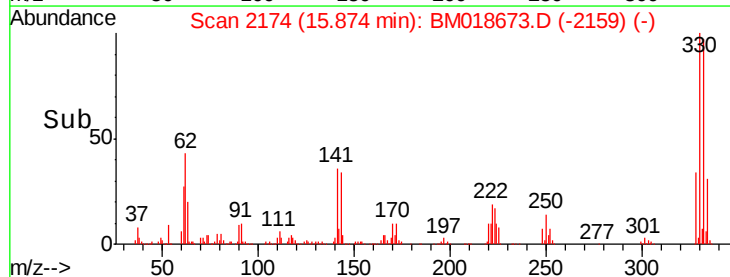
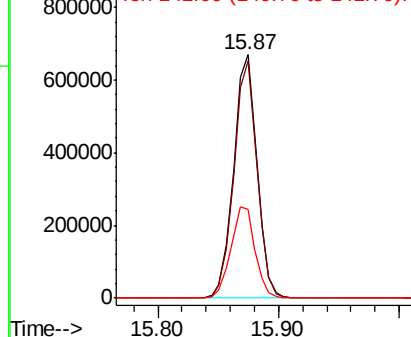
330 100

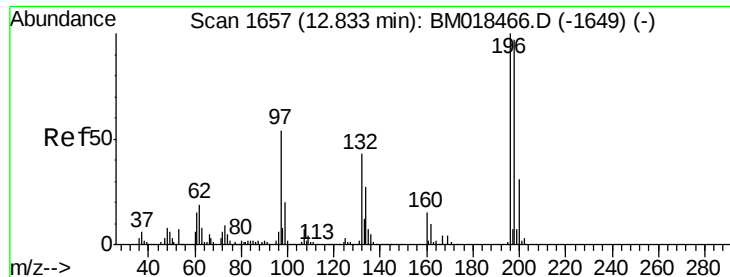
332 96.3 77.6 116.4

141 38.7 31.7 47.5



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

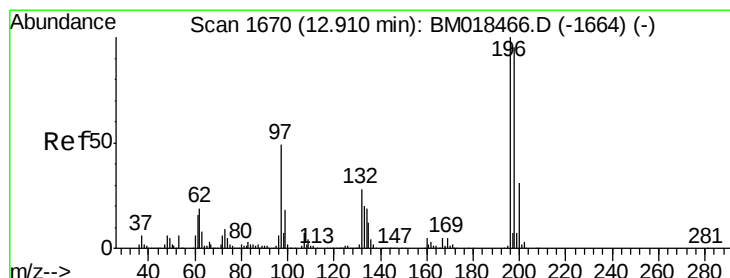
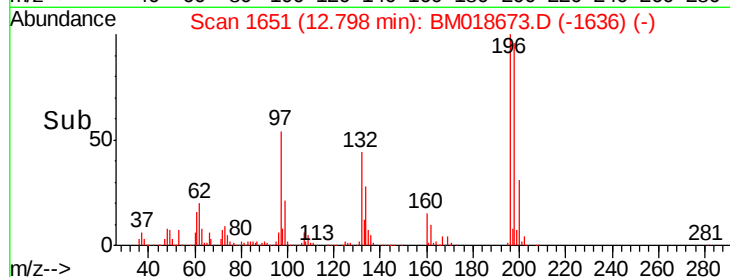
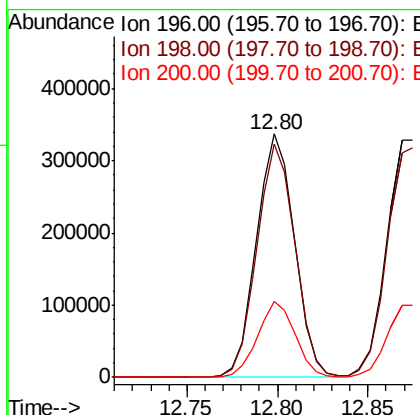
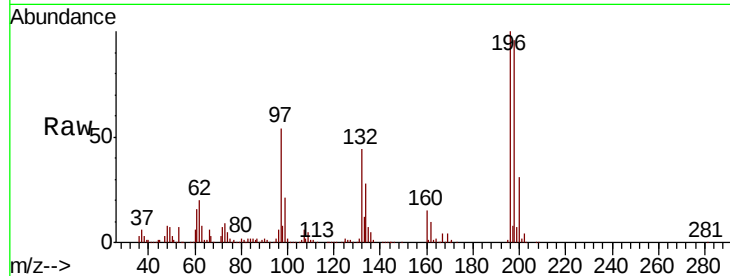




#43
 2,4,6-Trichlorophenol
 Concen: 48.900 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

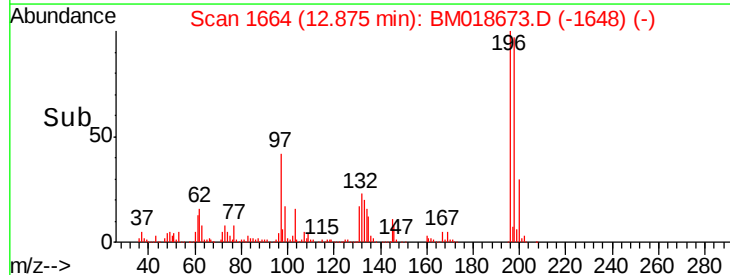
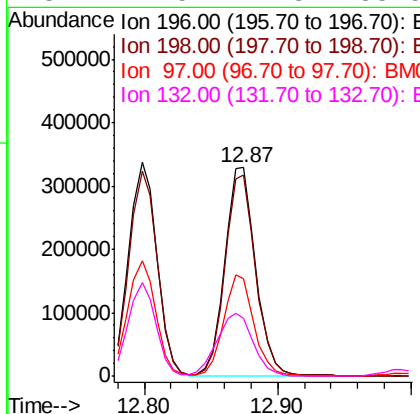
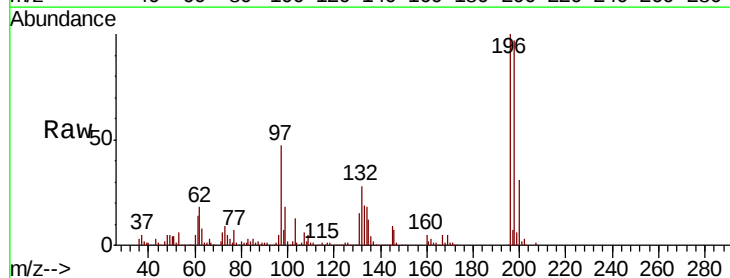
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

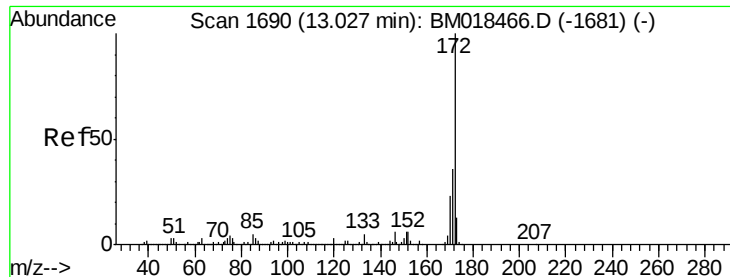
Tgt Ion:196 Resp: 492495
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 30.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 49.805 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:196 Resp: 527552
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.7 115.1
 97 46.8 39.2 58.8
 132 27.5 22.3 33.5

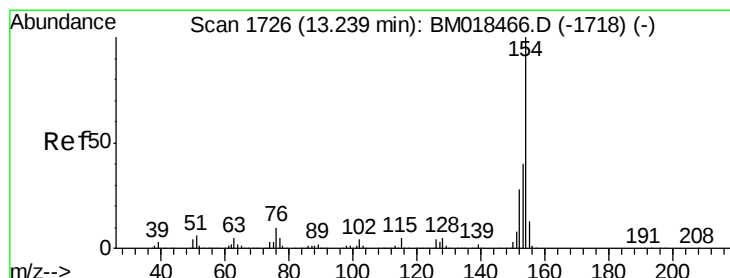
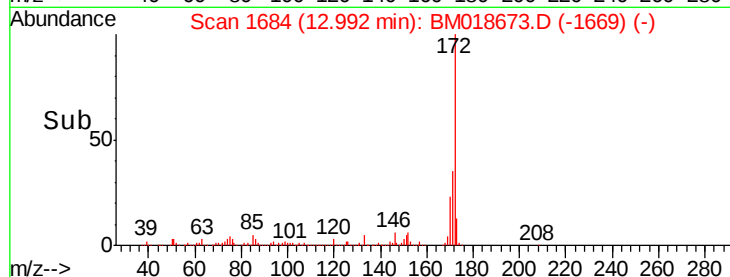
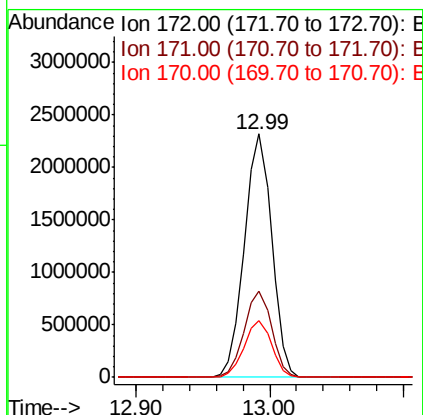
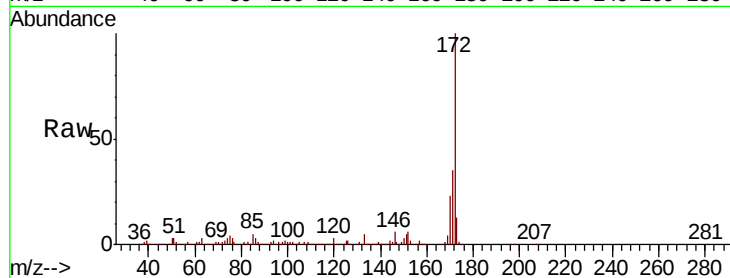




#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

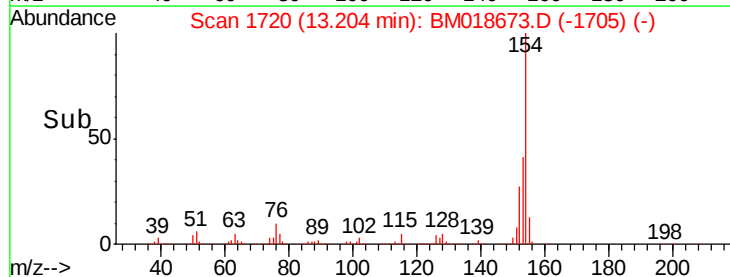
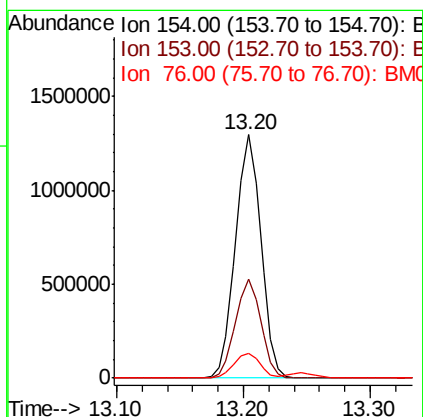
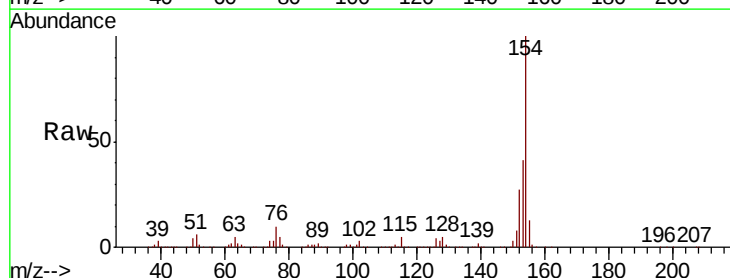
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Tgt Ion:172 Resp: 3273671
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.501 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:154 Resp: 1801419
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 10.3 0.0 31.9

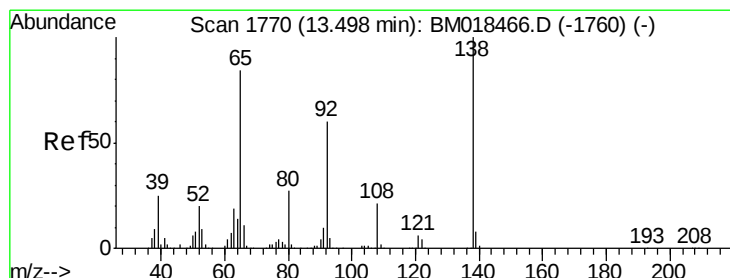
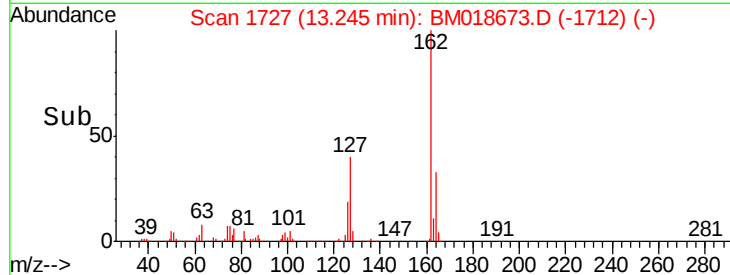
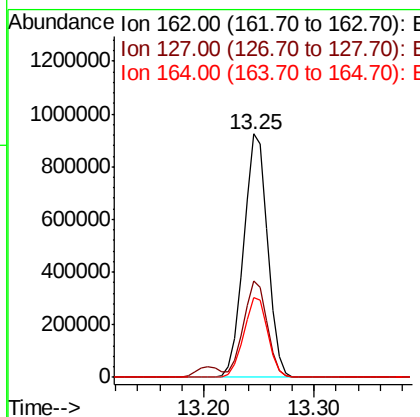
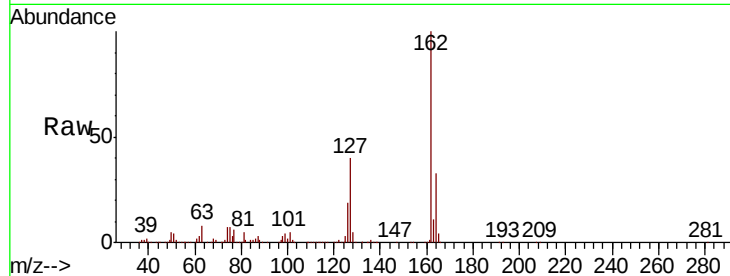




#47
 2-Chloronaphthalene
 Concen: 43.782 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

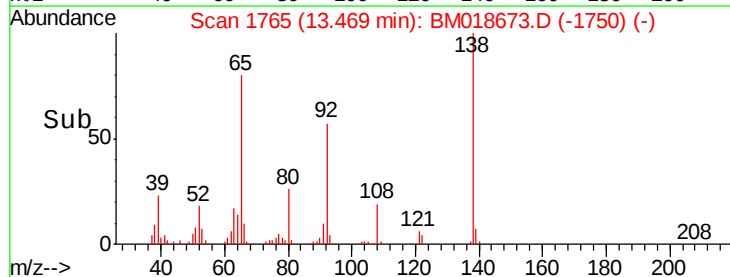
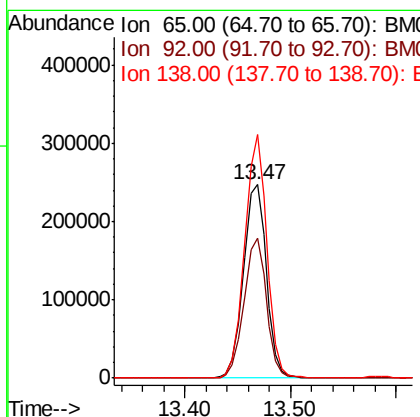
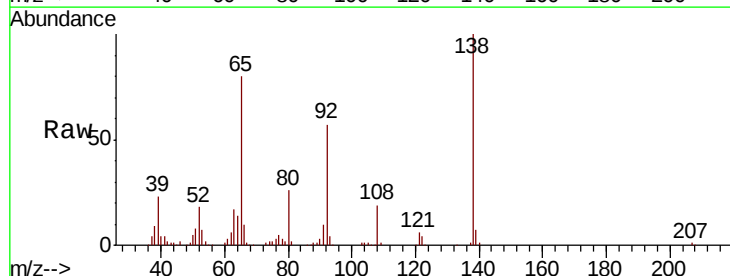
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

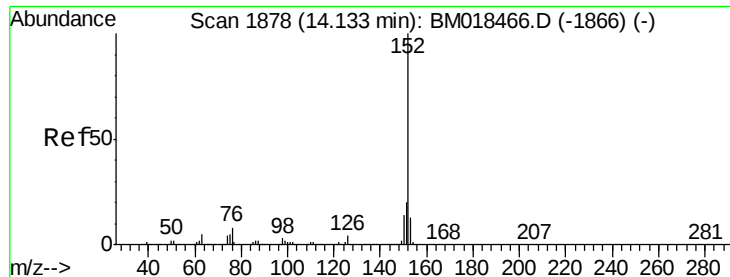
Tgt Ion: 162 Resp: 1405972
 Ion Ratio Lower Upper
 162 100
 127 39.9 31.4 47.0
 164 32.7 26.2 39.4



#48
 2-Nitroaniline
 Concen: 47.389 ng
 RT: 13.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion: 65 Resp: 374398
 Ion Ratio Lower Upper
 65 100
 92 72.0 53.4 80.2
 138 125.8 88.9 133.3





#49

Acenaphthylene

Concen: 48.548 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

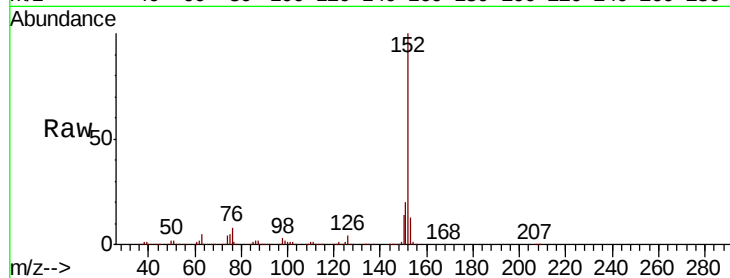
Tgt Ion:152 Resp: 2271946

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

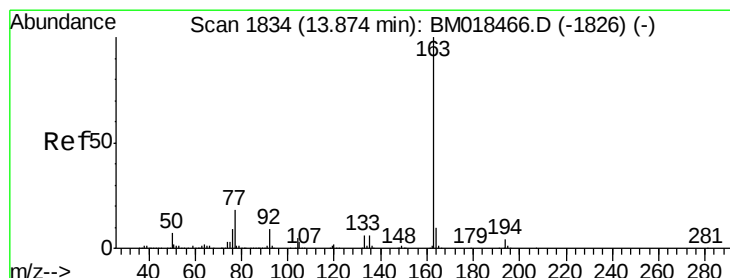
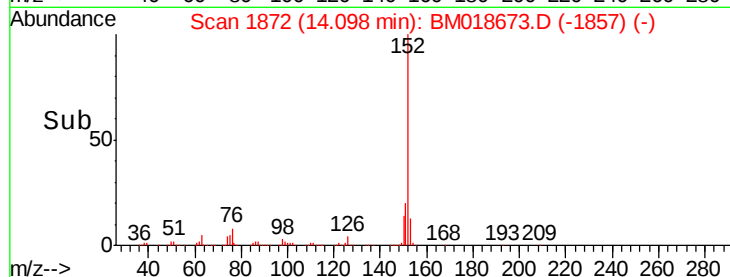
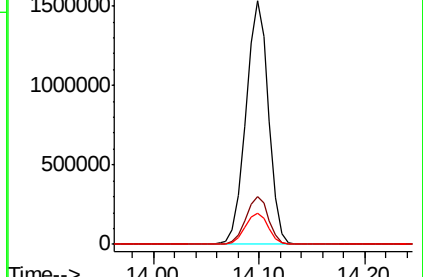
153 12.9 10.5 15.7



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: 45.708 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

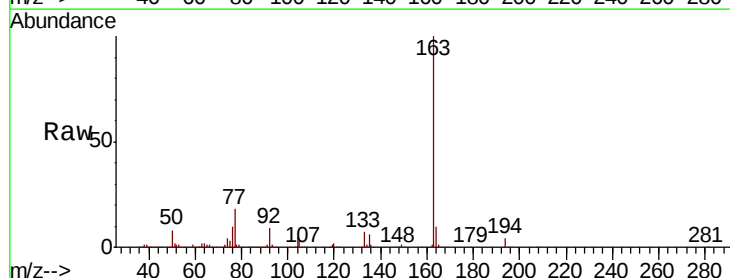
Tgt Ion:163 Resp: 1780377

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

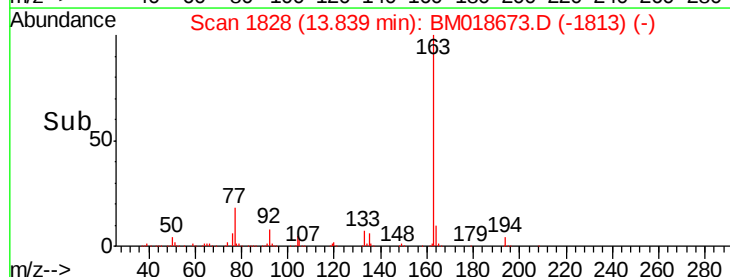
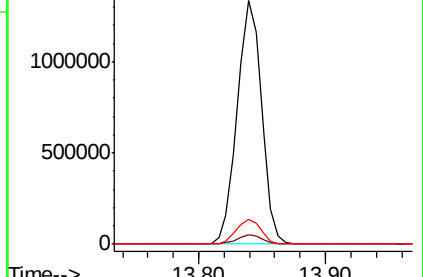
164 10.3 7.8 11.8

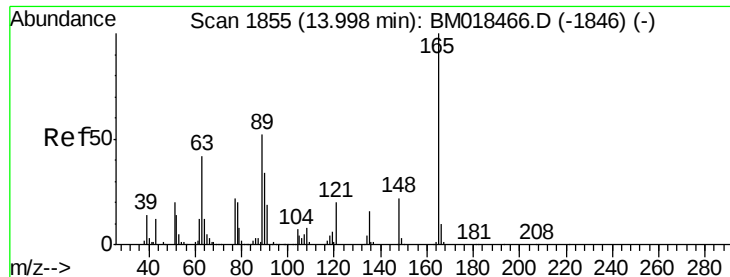


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

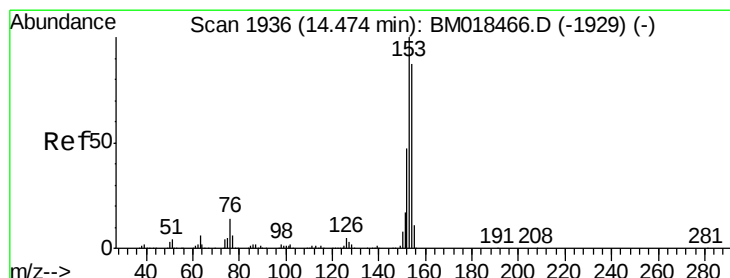
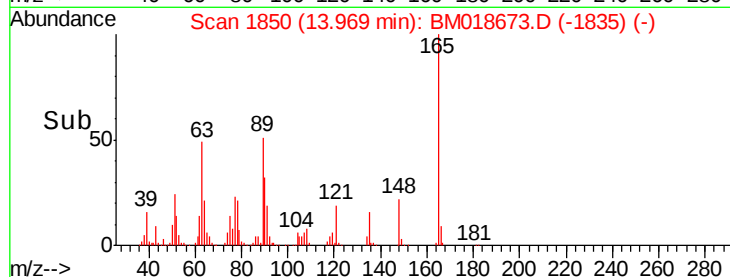
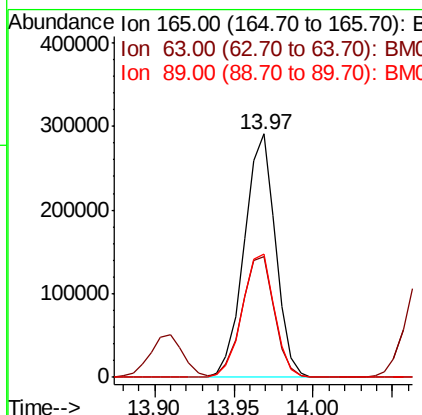
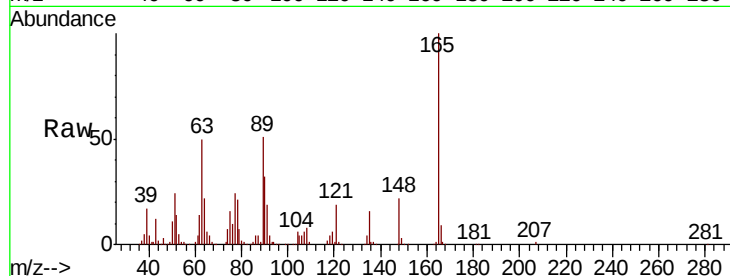




#51
 2,6-Dinitrotoluene
 Concen: 48.140 ng
 RT: 13.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

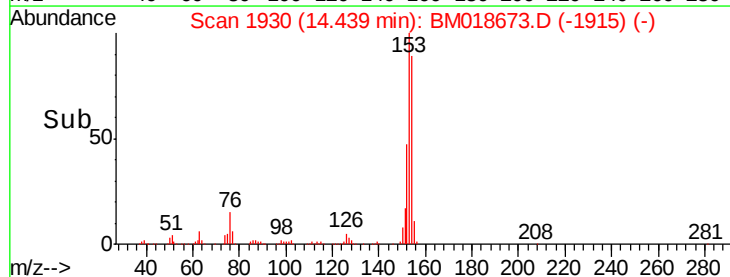
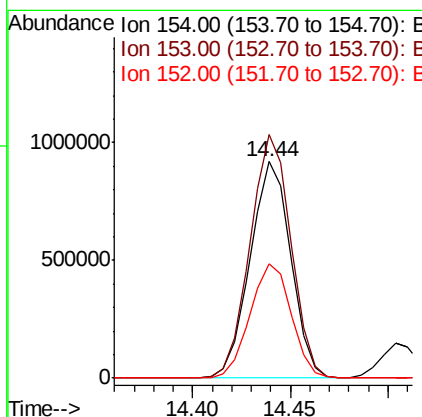
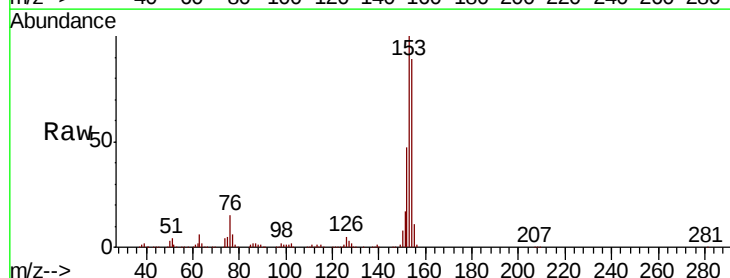
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.6	45.6	68.4
89	50.8	44.6	66.8



#52
 Acenaphthene
 Concen: 46.387 ng
 RT: 14.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.3	138.5
152	52.9	43.8	65.6

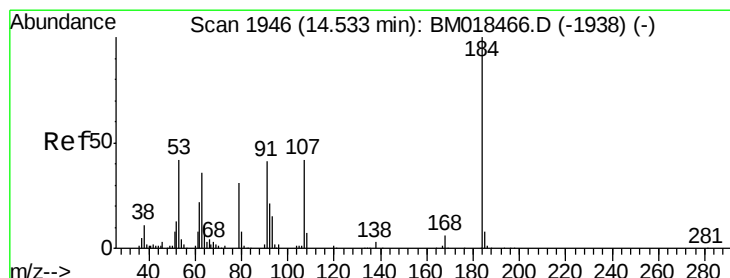
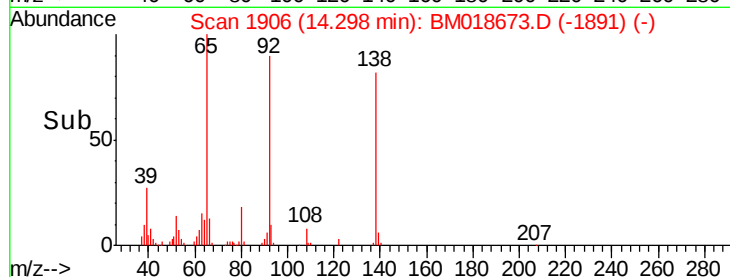
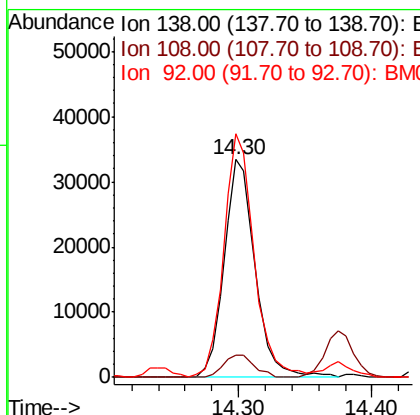
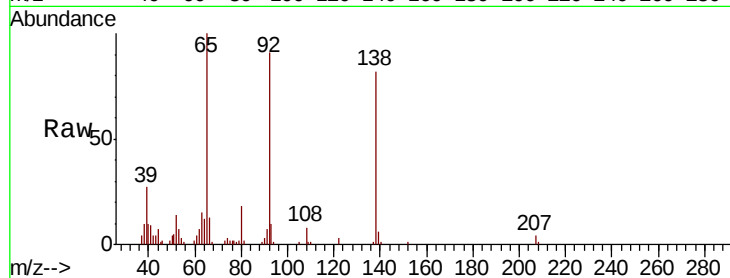




#53
 3-Nitroaniline
 Concen: 6.516 ng
 RT: 14.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

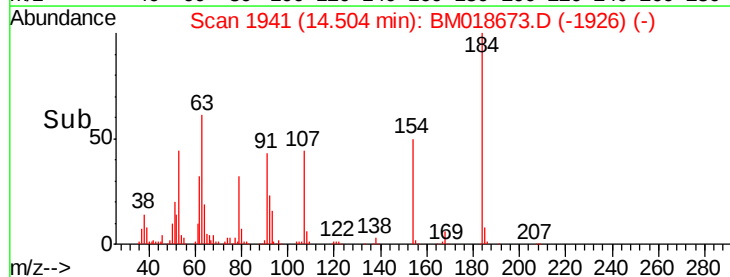
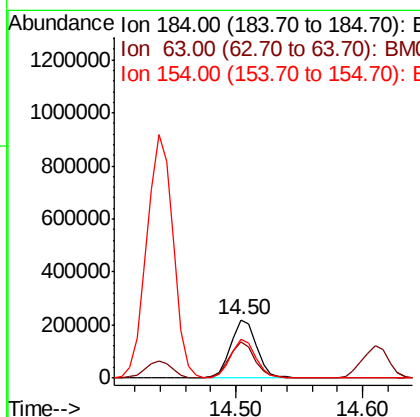
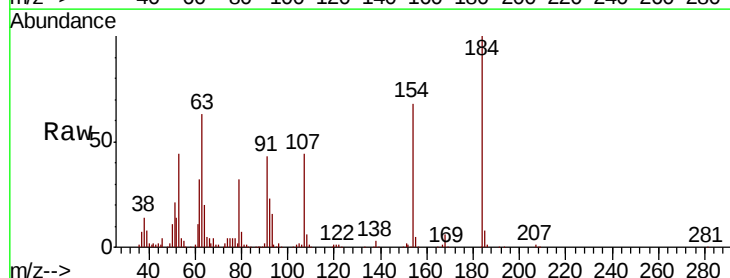
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

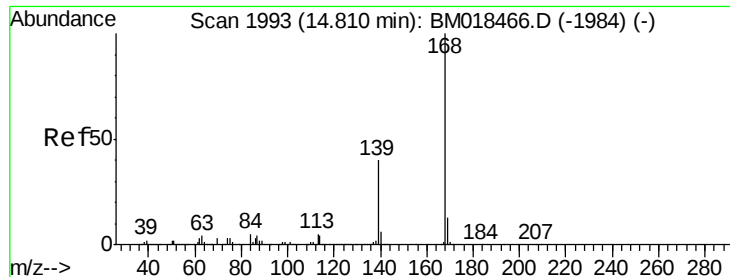
Tgt Ion:138 Resp: 54201
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.1 13.7
 92 111.9 88.2 132.2



#54
 2,4-Dinitrophenol
 Concen: 71.023 ng
 RT: 14.50 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:184 Resp: 313261
 Ion Ratio Lower Upper
 184 100
 63 62.5 55.9 83.9
 154 67.7 54.2 81.4





#55

Dibenzenofuran

Concen: 45.293 ng

RT: 14.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

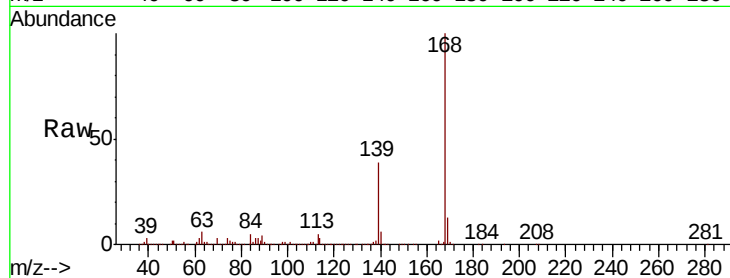
Tgt Ion:168 Resp: 2142867

Ion Ratio Lower Upper

168 100

139 39.1 30.3 45.5

169 13.2 10.6 16.0

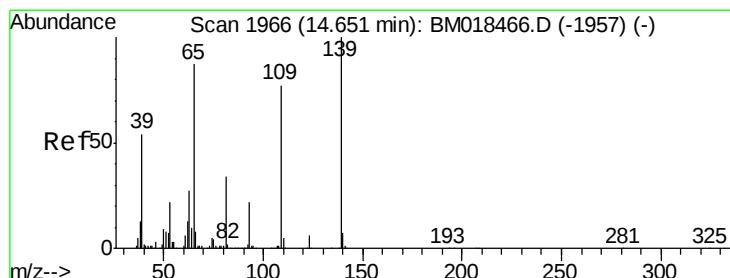
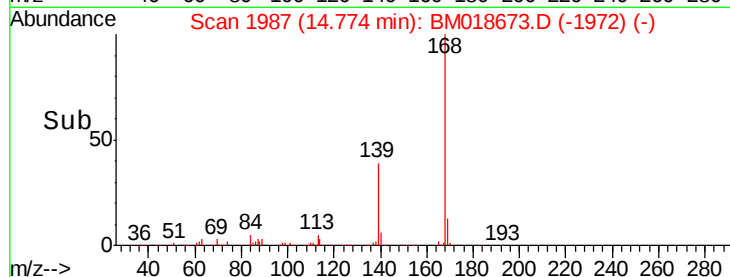
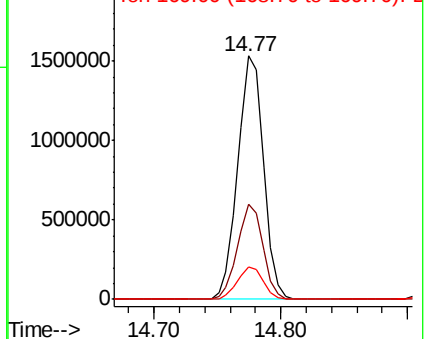


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.354 ng

RT: 14.61 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

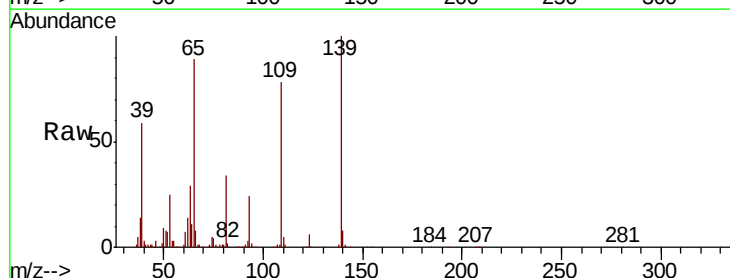
Tgt Ion:139 Resp: 634908

Ion Ratio Lower Upper

139 100

109 77.8 51.7 91.7

65 89.3 71.4 111.4

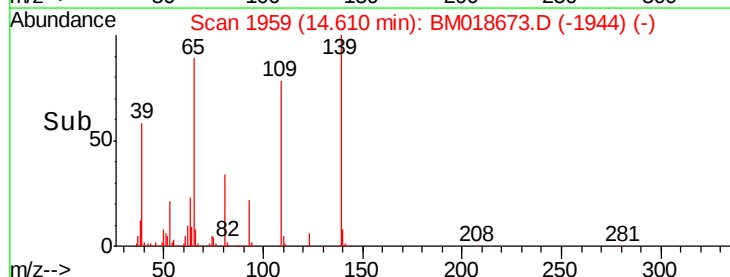
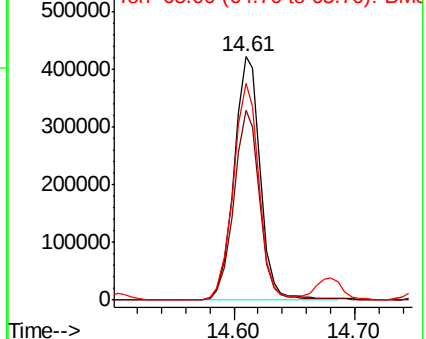


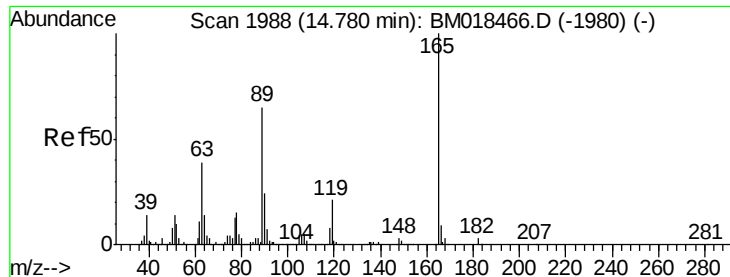
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

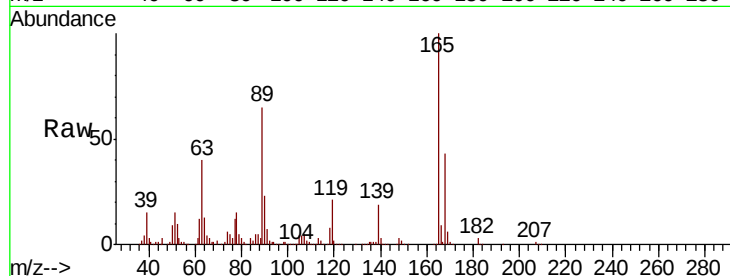




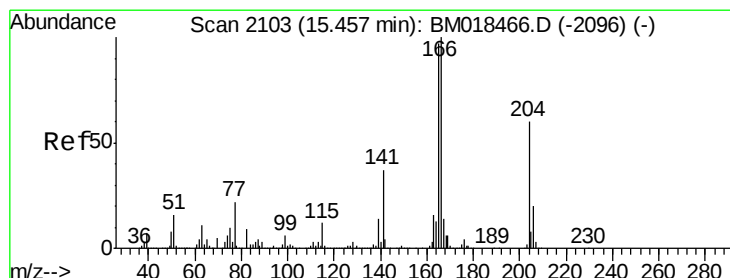
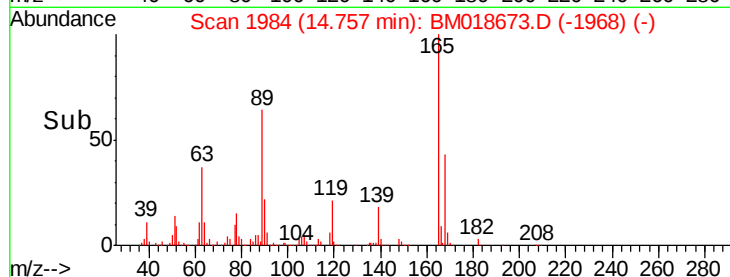
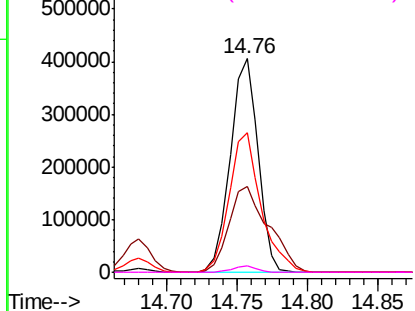
#57
 2,4-Dinitrotoluene
 Concen: 47.436 ng
 RT: 14.76 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion:	165	Resp:	553763
Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.2	48.2
89	65.1	52.1	78.1
182	2.9	2.5	3.7

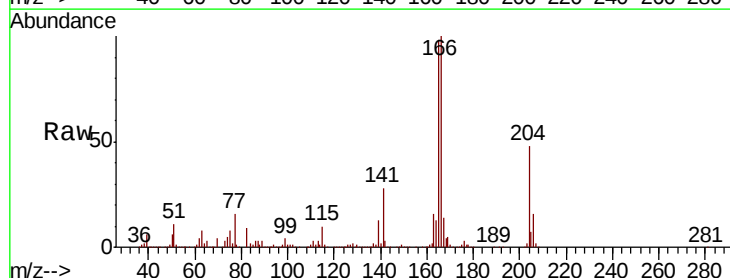


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

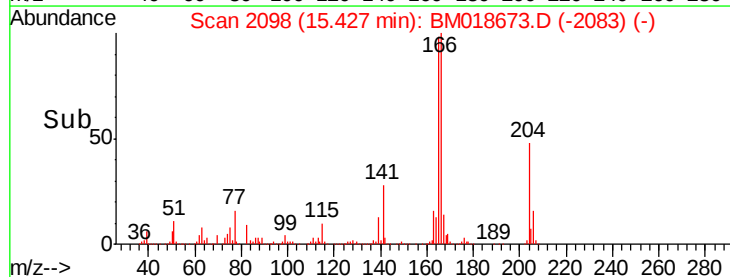
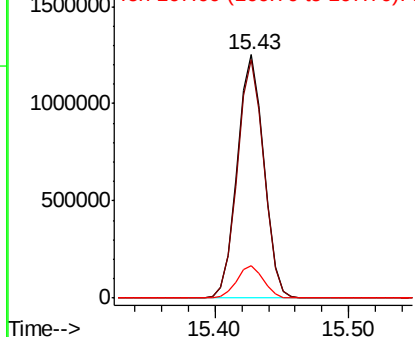


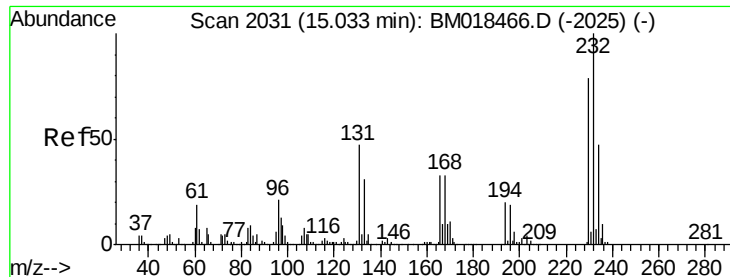
#58
 Fluorene
 Concen: 48.982 ng
 RT: 15.43 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:	166	Resp:	1726319
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	13.5	10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

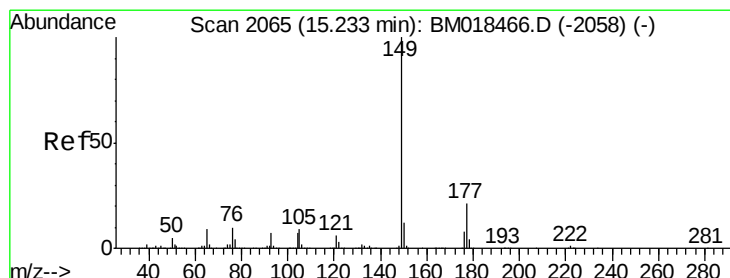
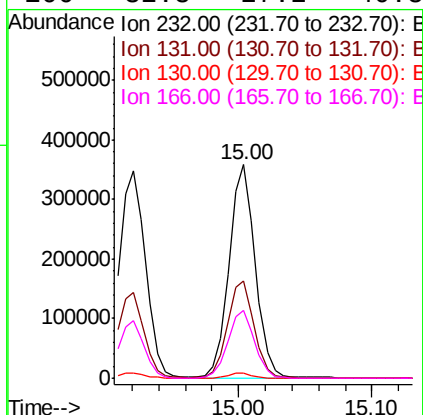
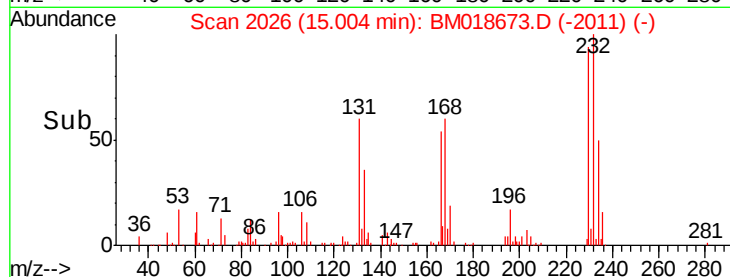
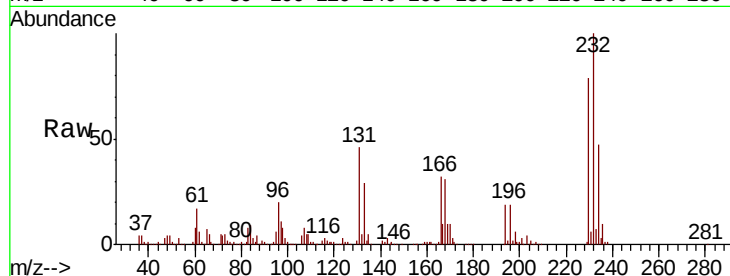




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.966 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

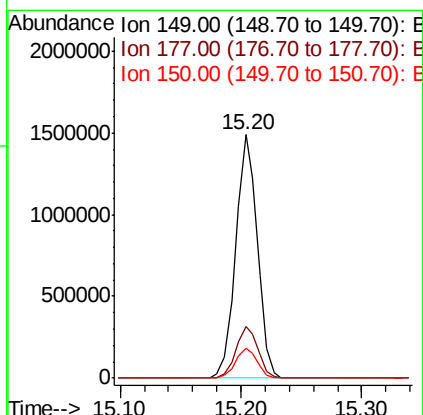
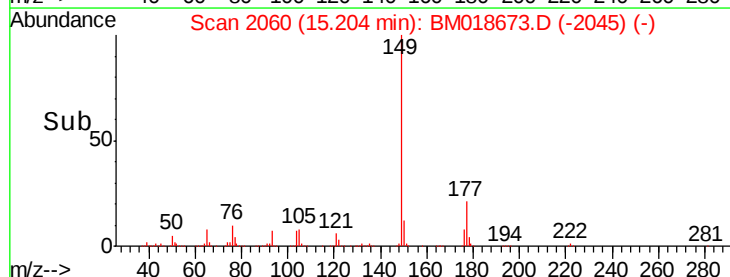
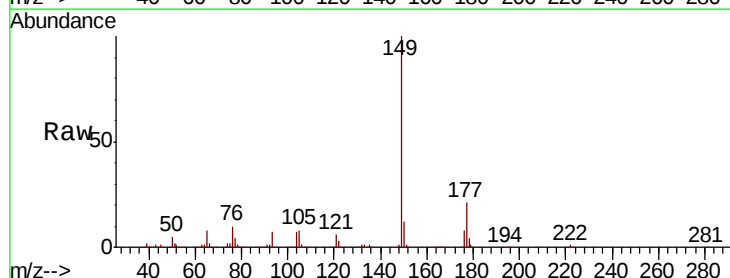
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

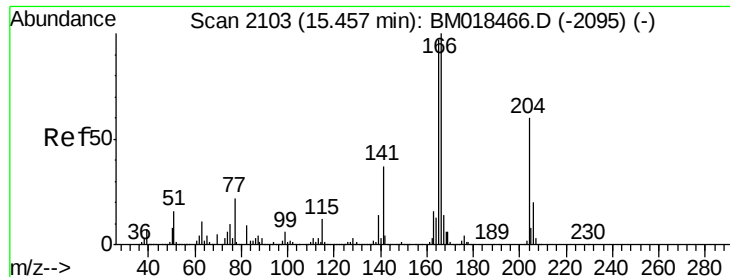
Tgt Ion:232 Resp: 487898
Ion Ratio Lower Upper
232 100
131 46.4 38.6 57.8
130 2.4 2.2 3.4
166 32.8 27.2 40.8



#60
Diethylphthalate
Concen: 47.023 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:149 Resp: 1849010
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.5 9.8 14.6

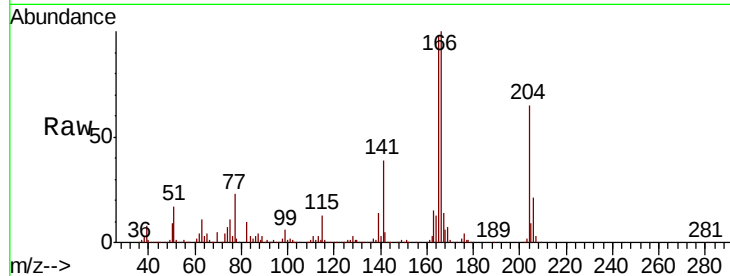




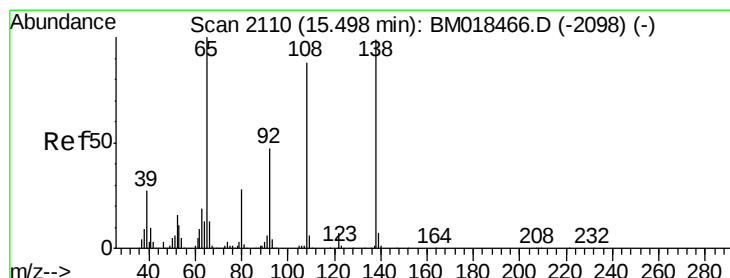
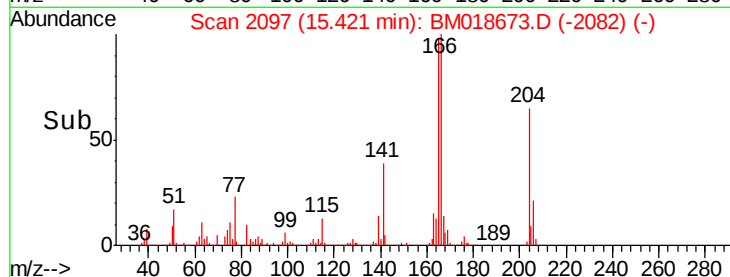
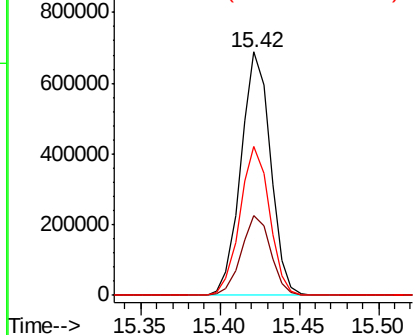
#61
4-Chlorophenyl-phenylether
Concen: 43.816 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Tgt Ion:204 Resp: 890036
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 60.9 49.5 74.3

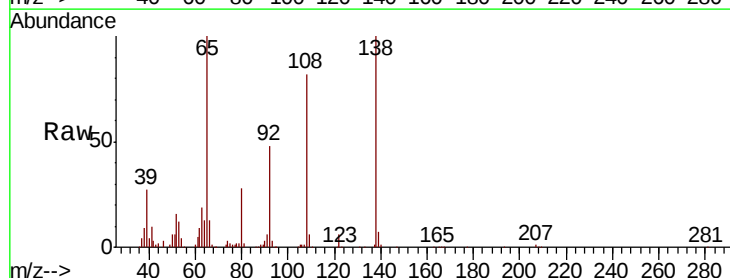


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

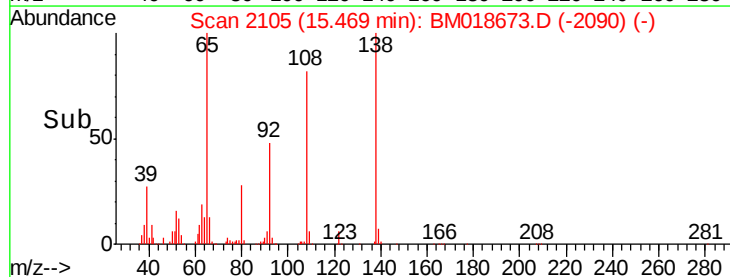
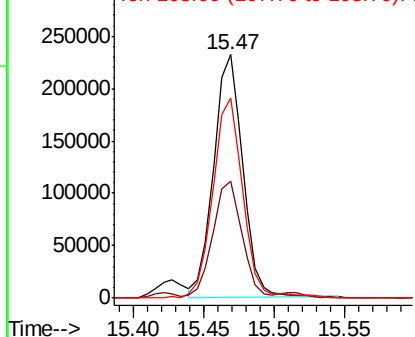


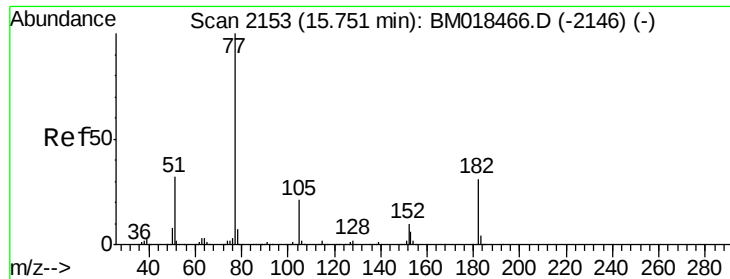
#62
4-Nitroaniline
Concen: 36.591 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:138 Resp: 331990
Ion Ratio Lower Upper
138 100
92 47.9 29.0 69.0
108 82.4 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

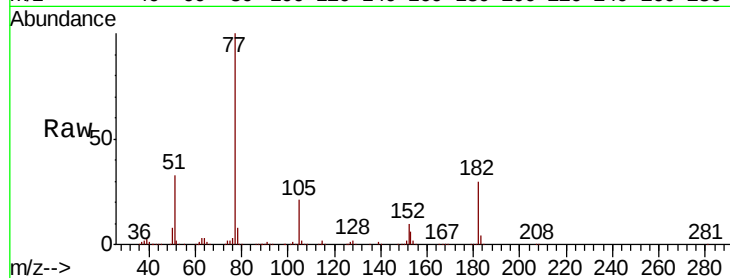




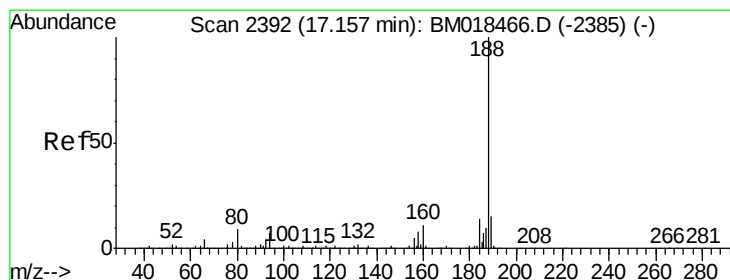
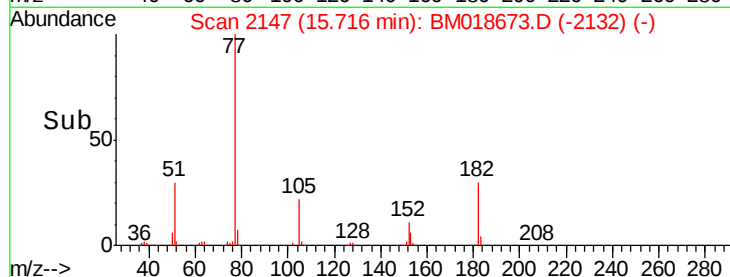
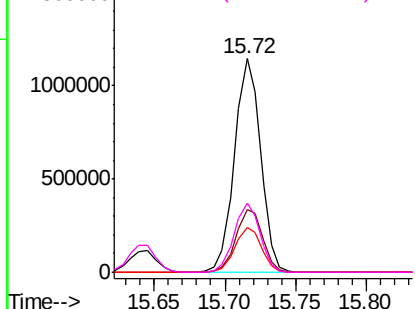
#63
Azobenzene
Concen: 45.997 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Tgt Ion: 77 Resp: 1474644
Ion Ratio Lower Upper
77 100
182 29.6 7.4 47.4
105 21.2 0.0 39.6
51 32.5 12.0 52.0

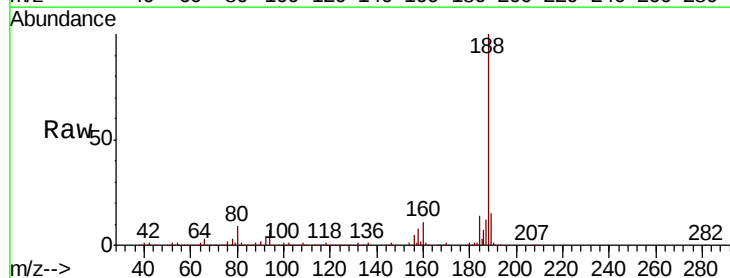


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

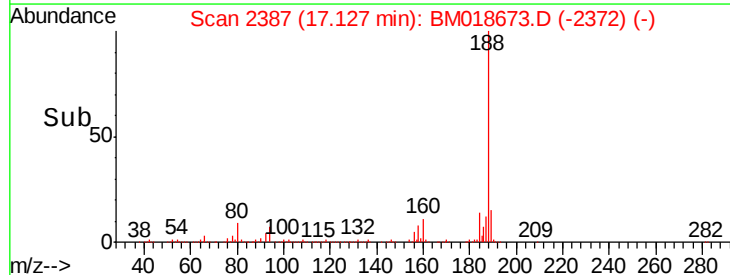
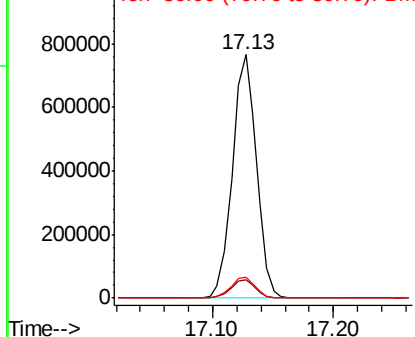


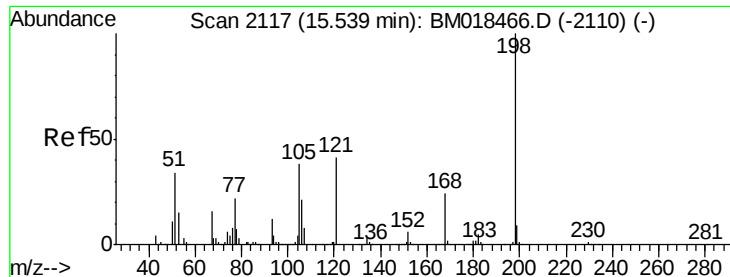
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion: 188 Resp: 1061054
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.5 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

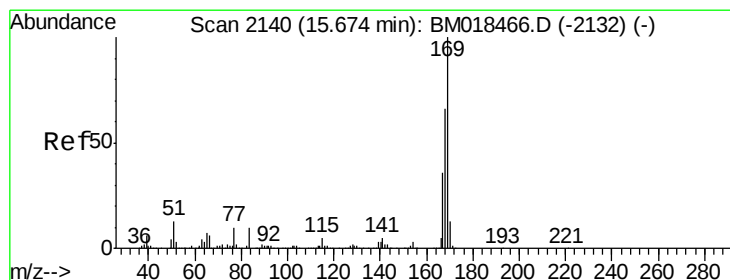
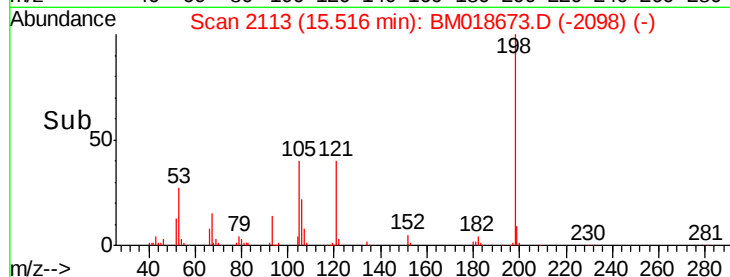
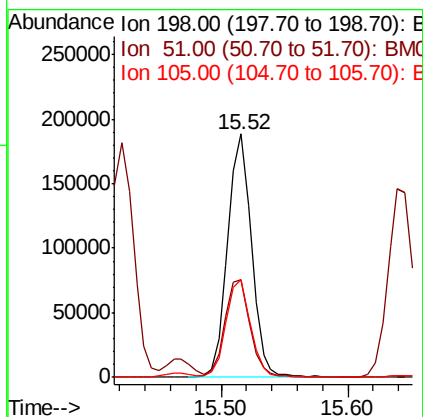
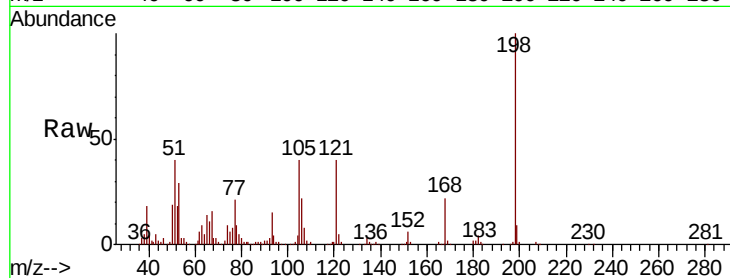




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.720 ng
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

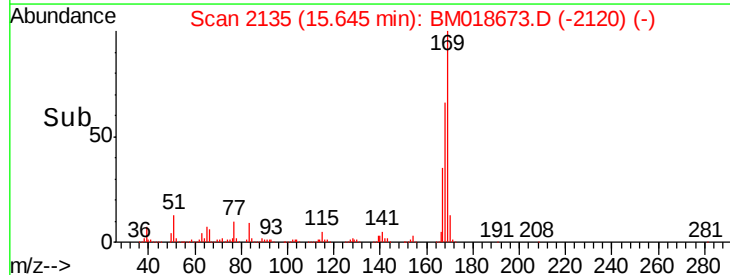
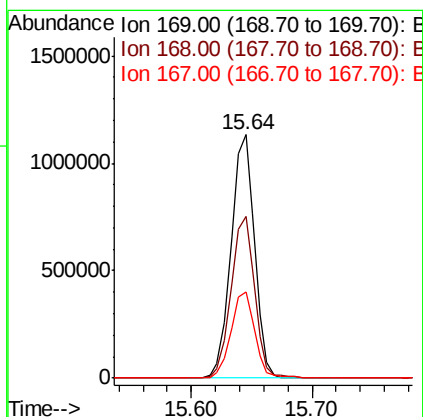
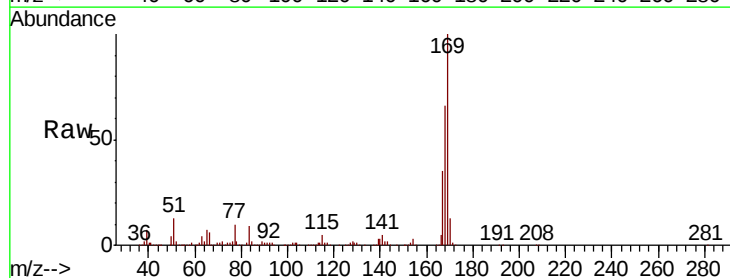
Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

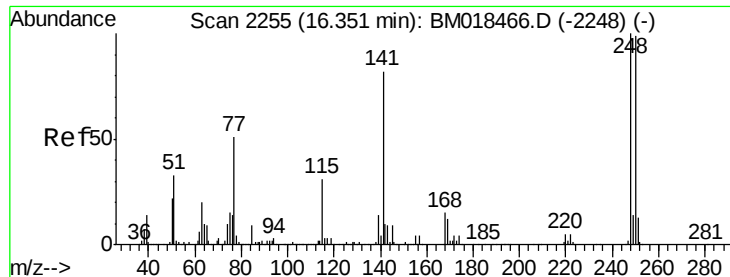
Tgt Ion:198 Resp: 246302
 Ion Ratio Lower Upper
 198 100
 51 40.1 29.6 69.6
 105 39.9 25.5 65.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.413 ng
 RT: 15.64 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:169 Resp: 1527609
 Ion Ratio Lower Upper
 169 100
 168 66.3 54.1 81.1
 167 35.4 28.6 42.8

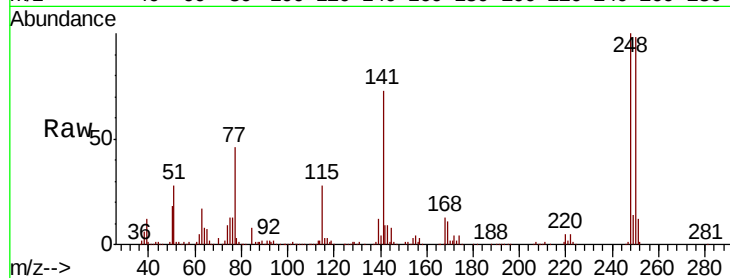




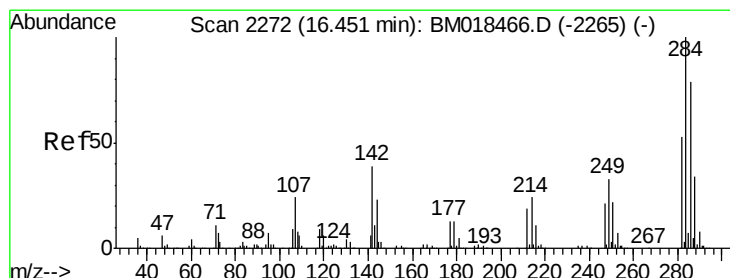
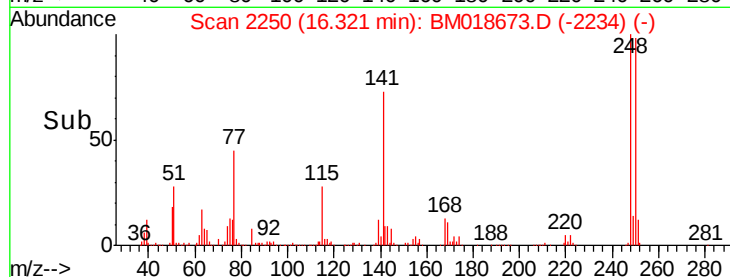
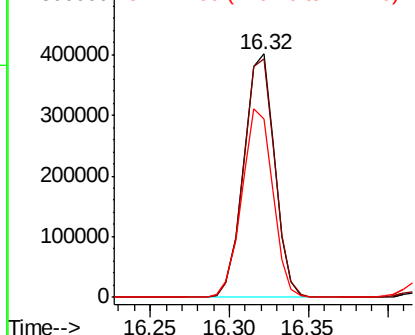
#67
4-Bromophenyl-phenylether
Concen: 45.633 ng
RT: 16.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Tgt Ion:248 Resp: 541832
Ion Ratio Lower Upper
248 100
250 98.0 76.0 114.0
141 73.3 61.5 92.3

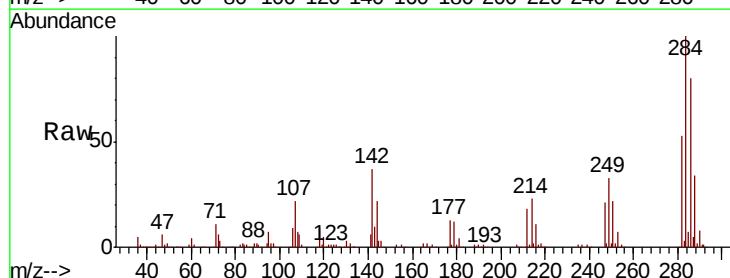


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

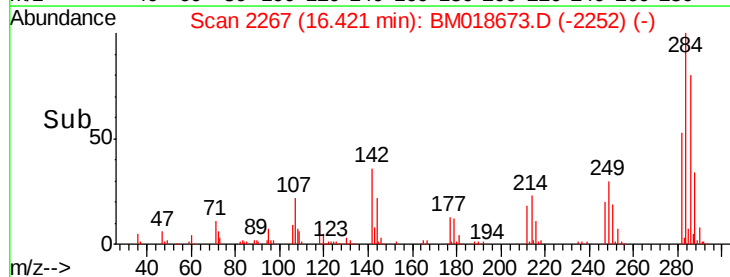
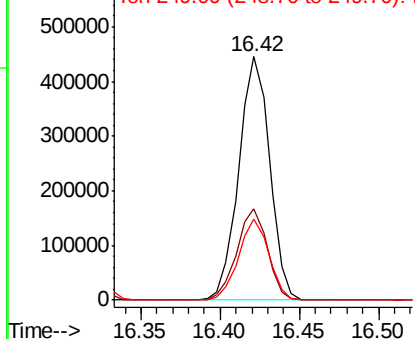


#68
Hexachlorobenzene
Concen: 45.319 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:284 Resp: 602403
Ion Ratio Lower Upper
284 100
142 37.3 29.2 43.8
249 33.3 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.402 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

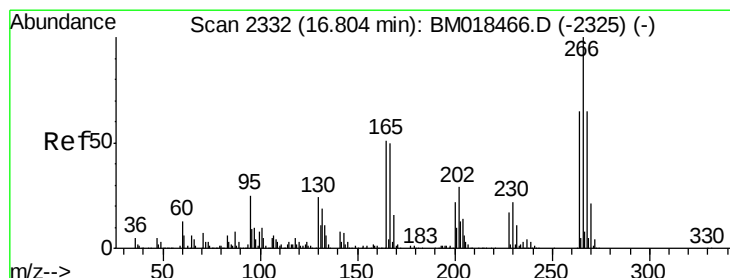
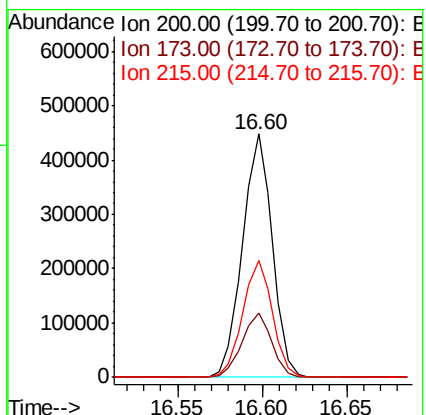
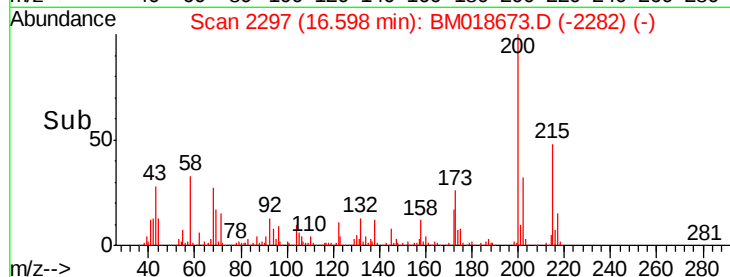
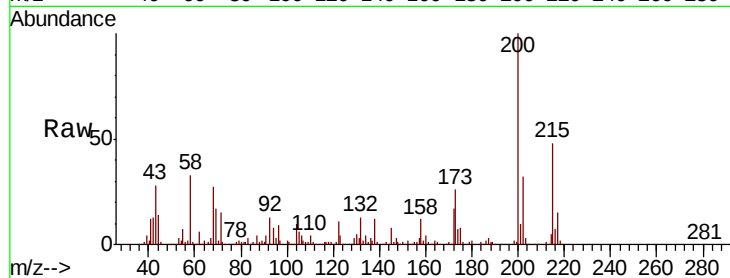
Tgt Ion:200 Resp: 552120

Ion Ratio Lower Upper

200 100

173 26.4 7.2 47.2

215 48.1 28.3 68.3



#70

Pentachlorophenol

Concen: 87.229 ng

RT: 16.77 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

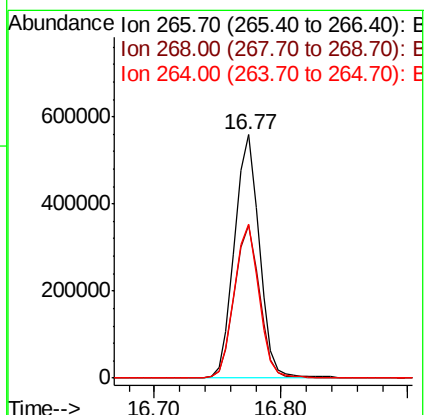
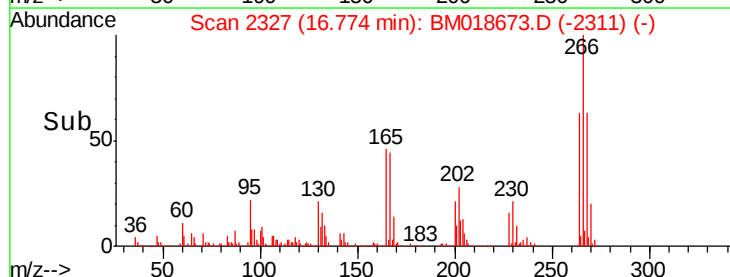
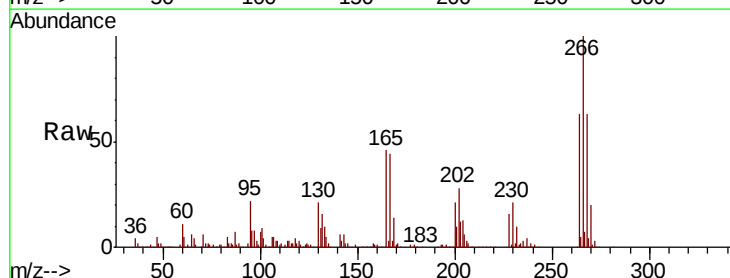
Tgt Ion:266 Resp: 759380

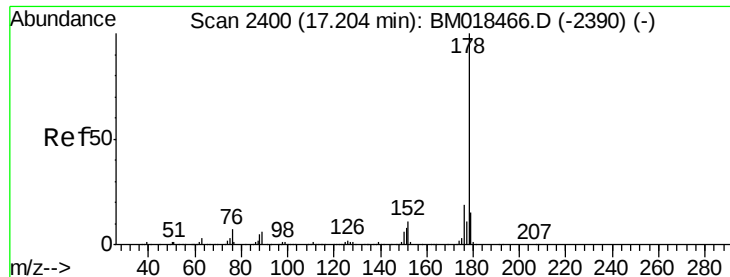
Ion Ratio Lower Upper

266 100

268 62.5 49.8 74.6

264 63.3 50.1 75.1

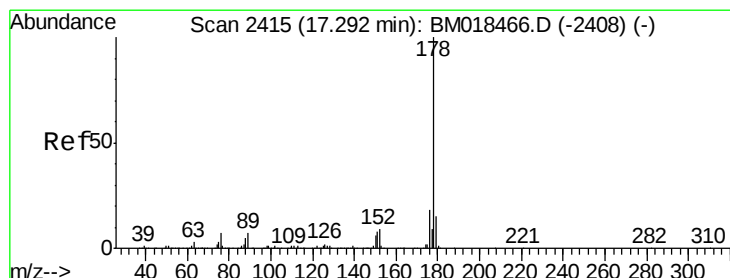
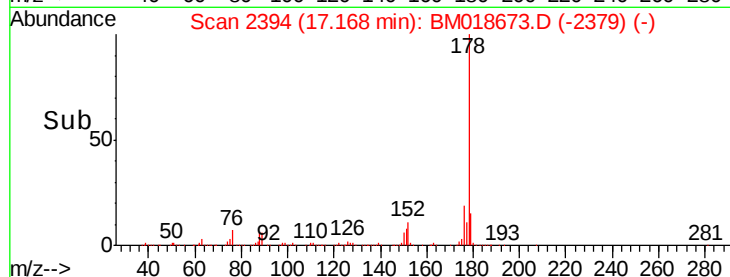
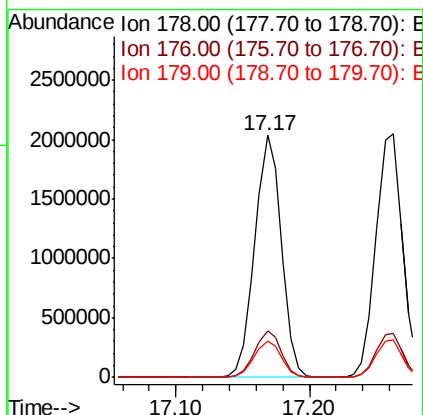
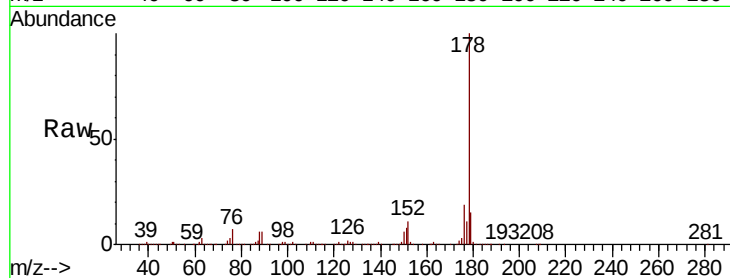




#71
Phenanthrene
Concen: 49.130 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

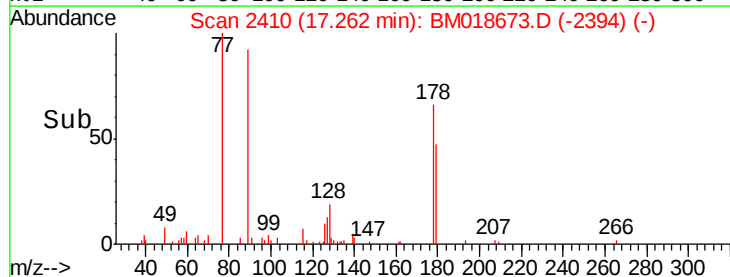
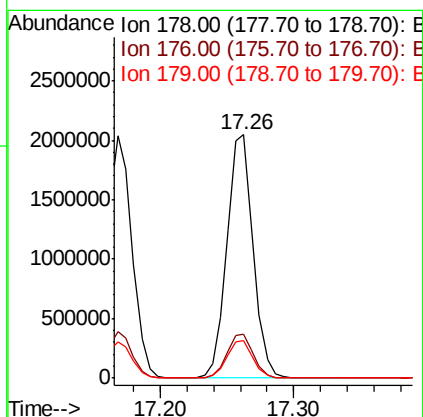
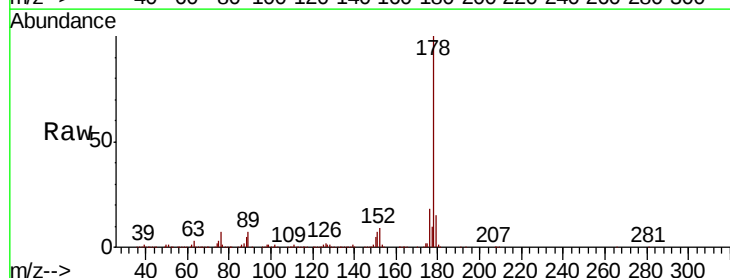
Instrument :
BNA_M
ClientSampleId :
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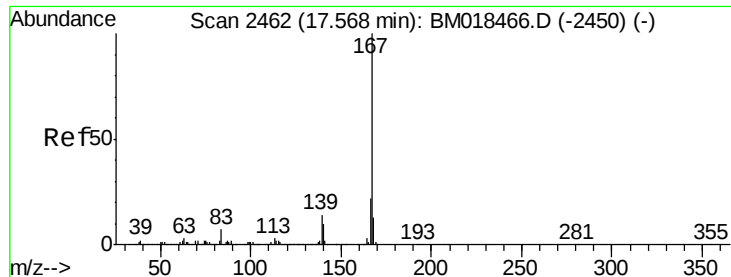
Tgt Ion:178 Resp: 2772786
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 51.881 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:178 Resp: 2815590
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.5 12.2 18.4

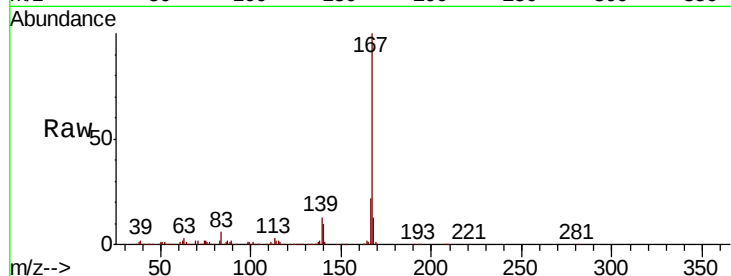




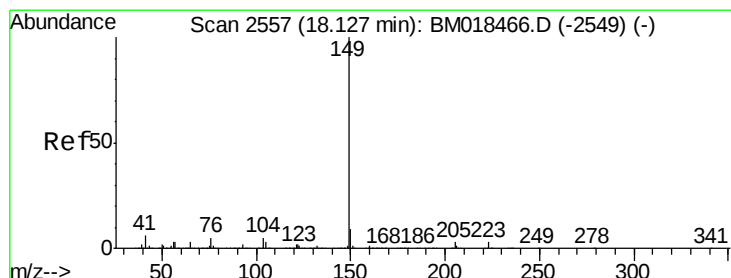
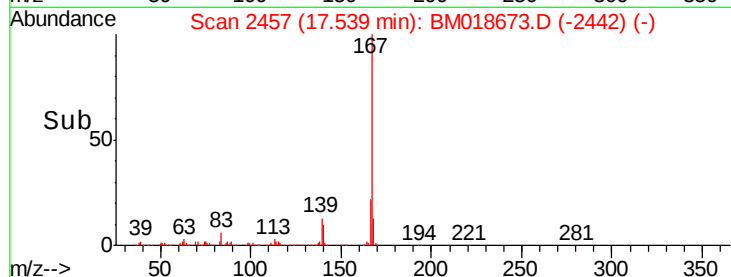
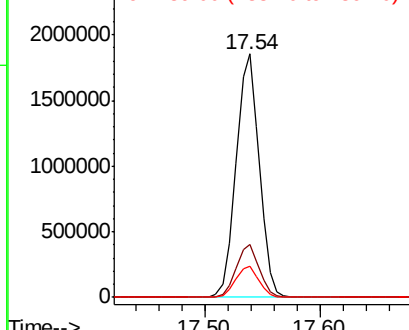
#73
 Carbazole
 Concen: 45.977 ng
 RT: 17.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-012519-AMS

Tgt Ion:167 Resp: 2563536
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.0 10.6 16.0

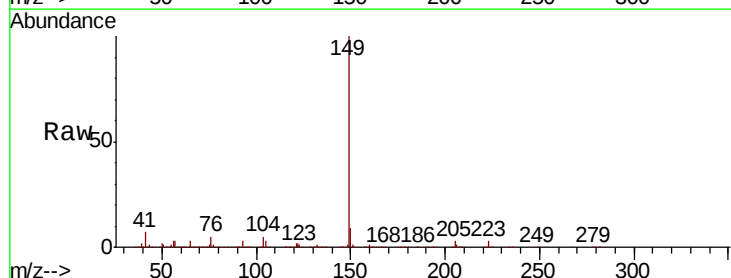


Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

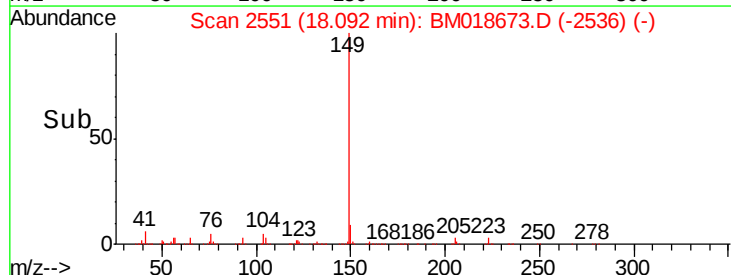
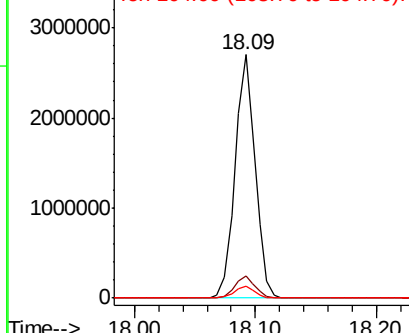


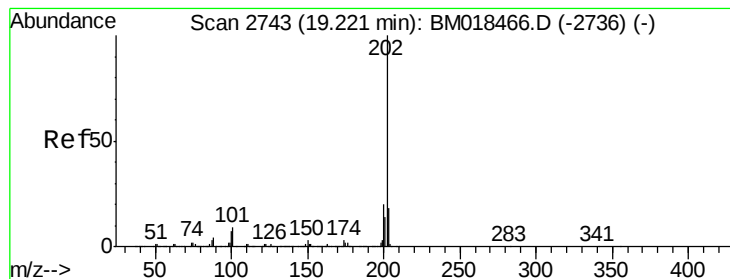
#74
 Di-n-butylphthalate
 Concen: 51.089 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018673.D
 Acq: 28 Jan 2019 20:33

Tgt Ion:149 Resp: 3120279
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.0 4.2 6.4



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: 50.903 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

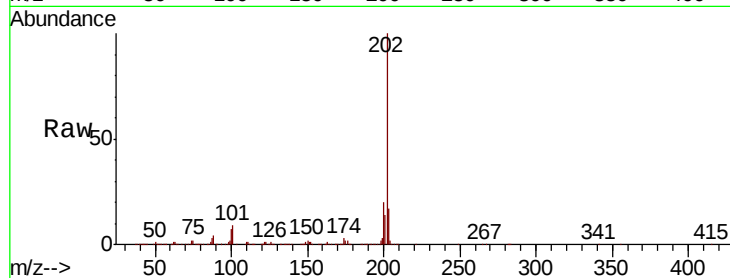
Tgt Ion:202 Resp: 3312166

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.9

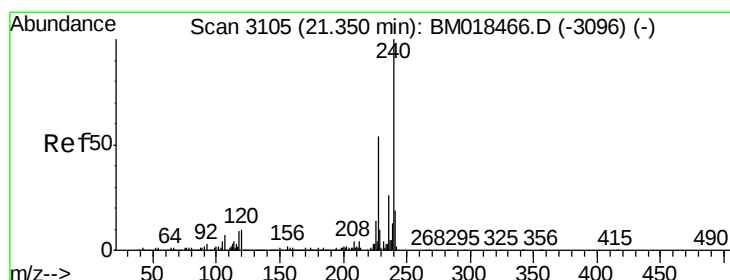
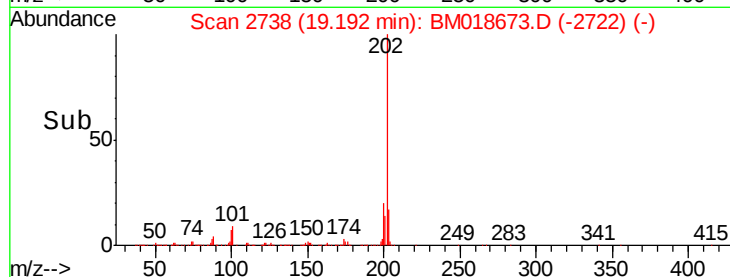
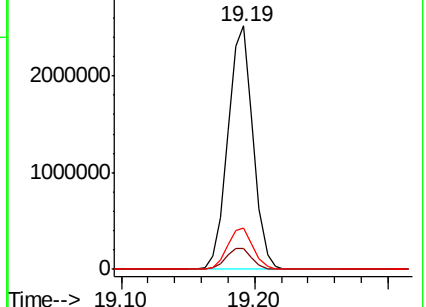
203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

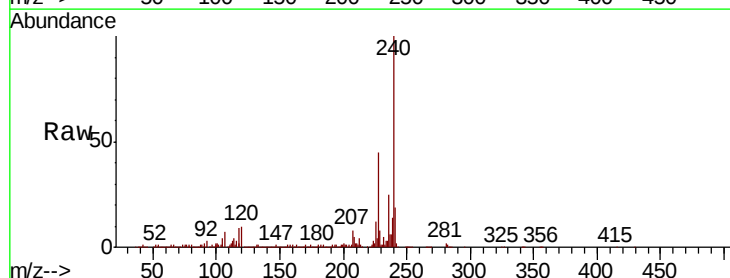
Tgt Ion:240 Resp: 1146494

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

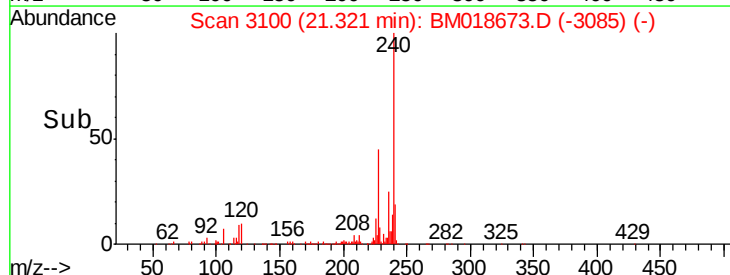
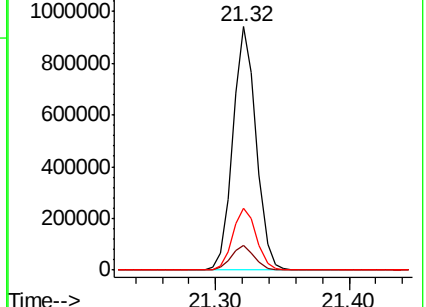
236 25.4 20.7 31.1

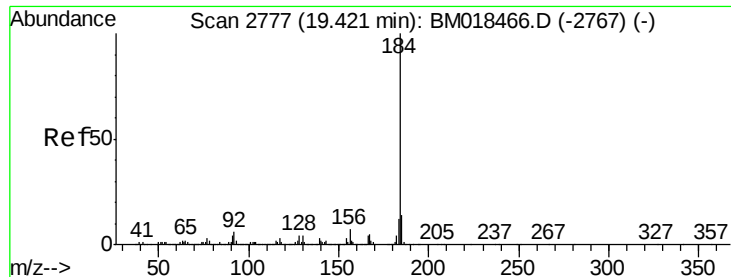


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.863 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

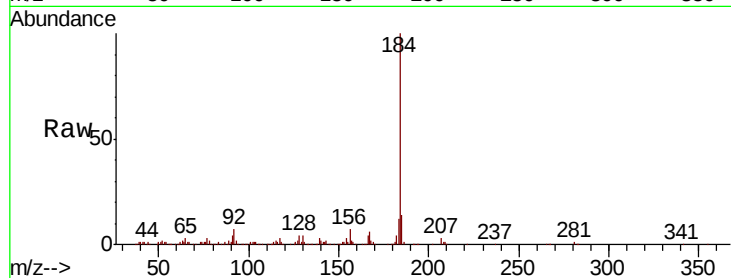
Tgt Ion:184 Resp: 505678

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

183 11.8 9.5 14.3

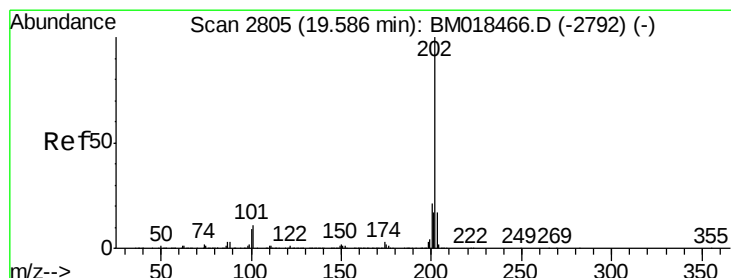
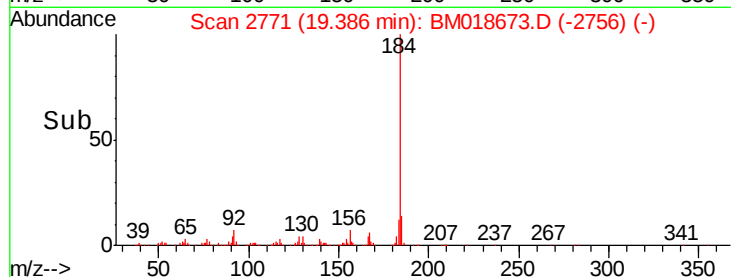
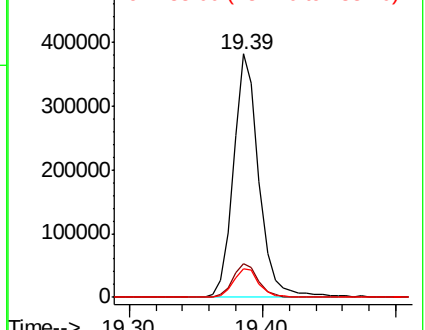


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.022 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

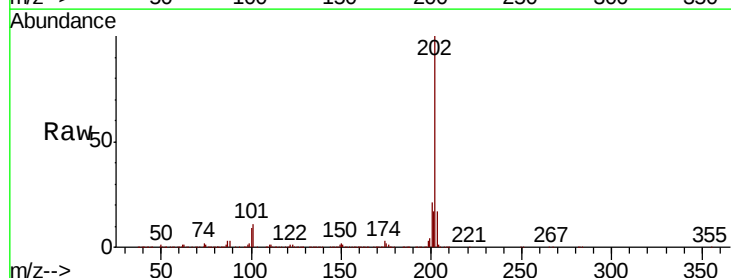
Tgt Ion:202 Resp: 3399443

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 17.3 13.8 20.8

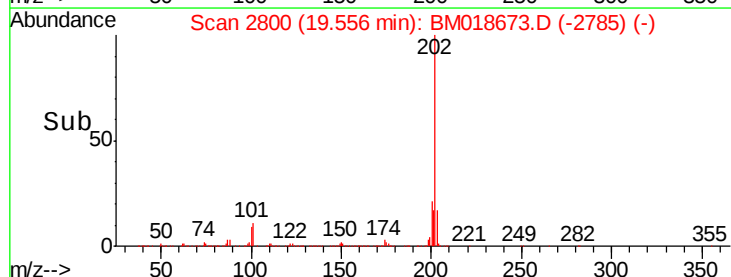
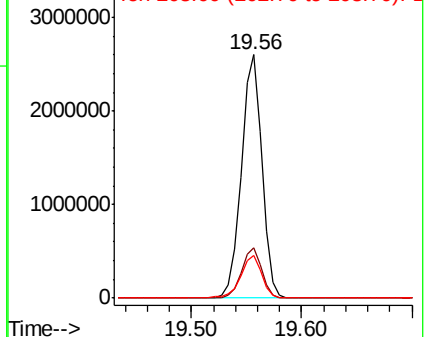


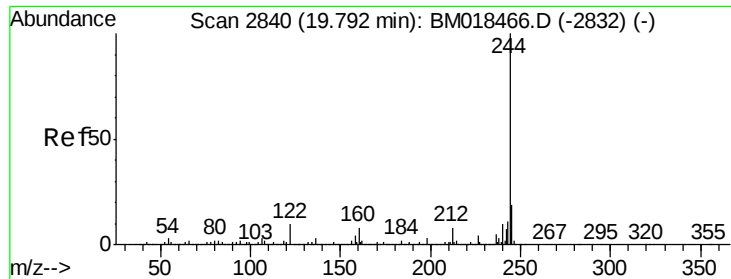
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.942 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

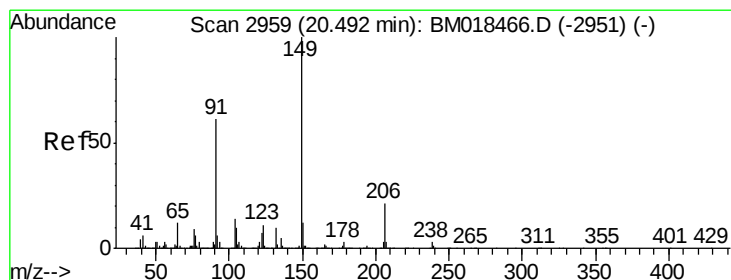
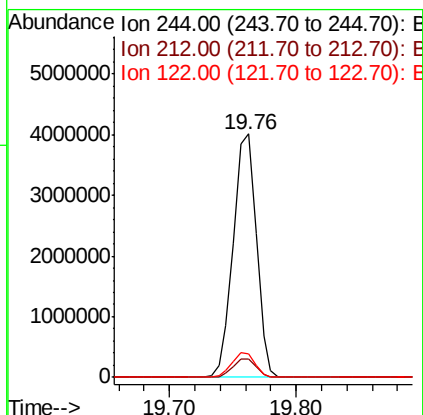
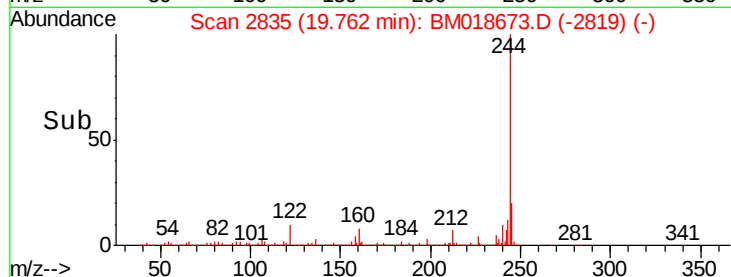
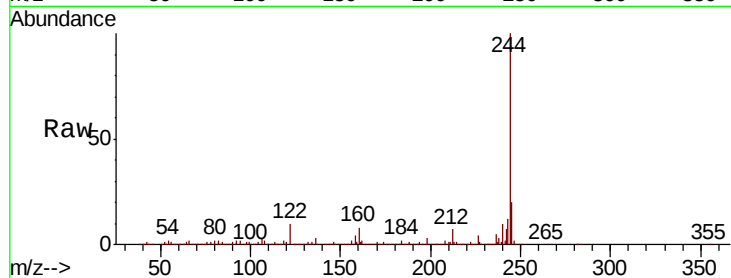
BNA_M

ClientSampleId :

OR-01-012519-AMS

Tgt Ion:244 Resp: 5054827

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.6	9.0	13.4



#80

Butylbenzylphthalate

Concen: 50.751 ng

RT: 20.46 min Scan# 2953

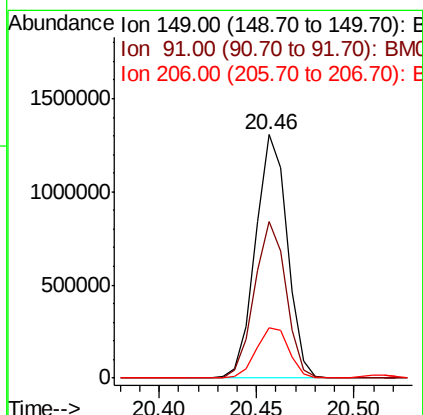
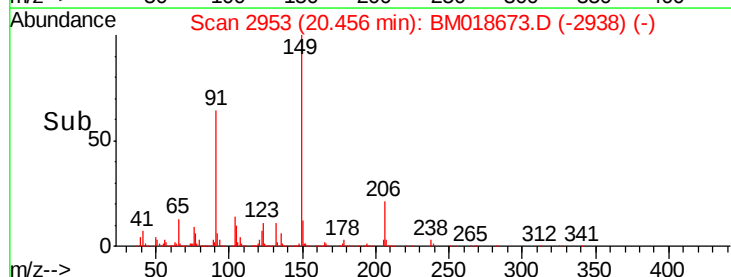
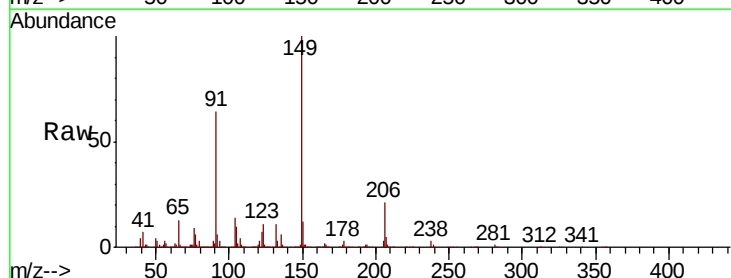
Delta R.T. -0.01 min

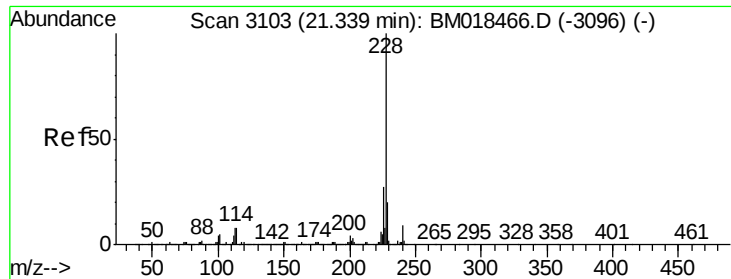
Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Tgt Ion:149 Resp: 1471709

Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.1	79.7
206	20.5	16.2	24.4

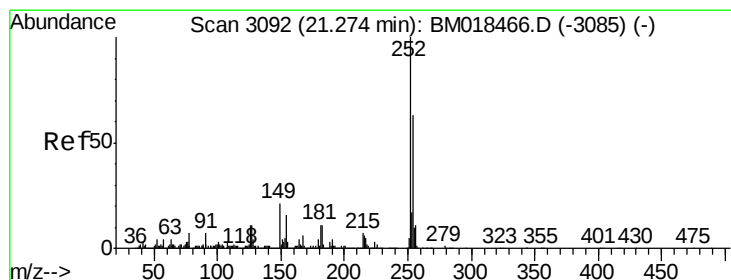
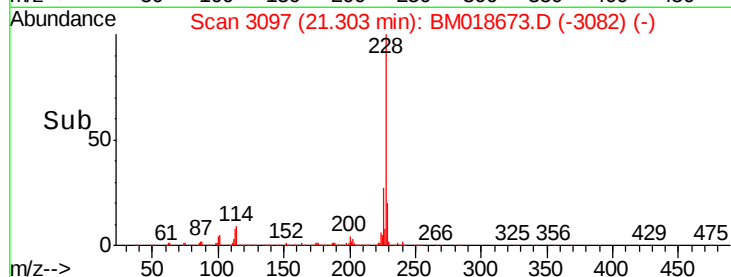
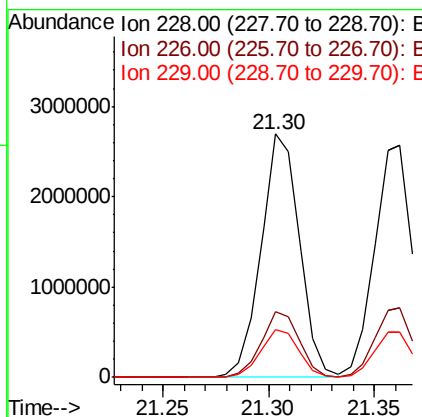
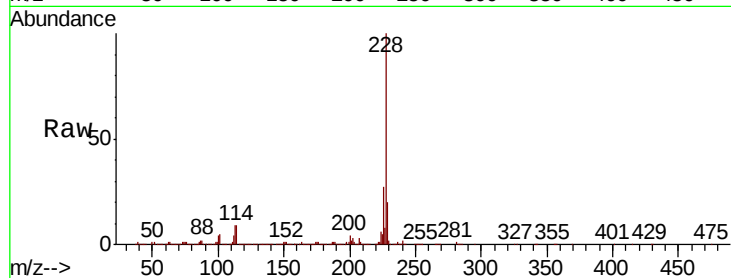




#81
Benzo(a)anthracene
Concen: 50.464 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

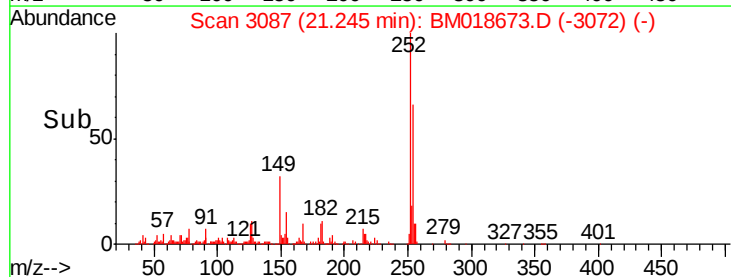
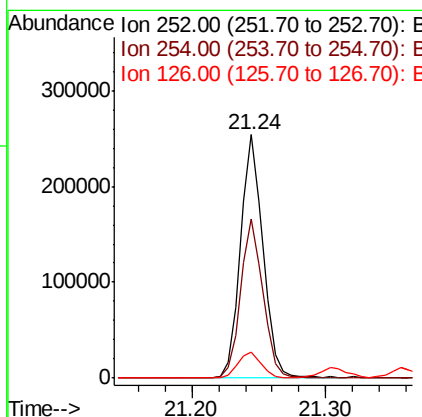
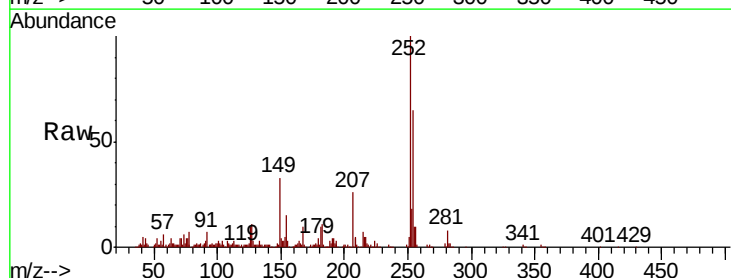
Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

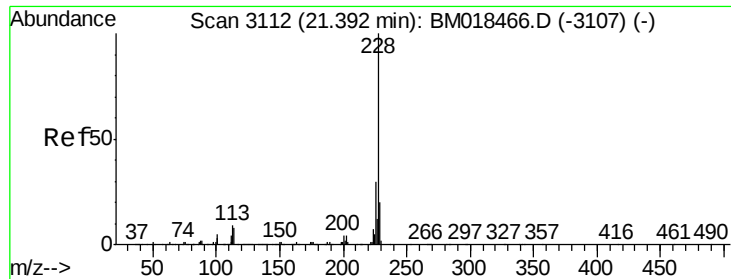
Tgt Ion:228 Resp: 3408407
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 11.675 ng
RT: 21.24 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion:252 Resp: 298175
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 10.5 8.7 13.1





#83

Chrysene

Concen: 48.992 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

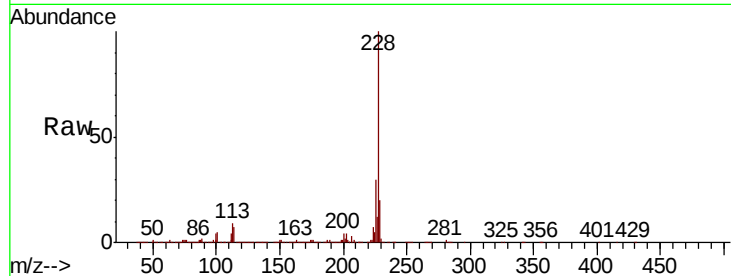
Tgt Ion:228 Resp: 3195375

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

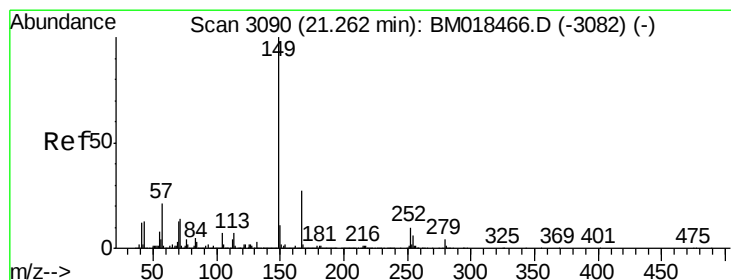
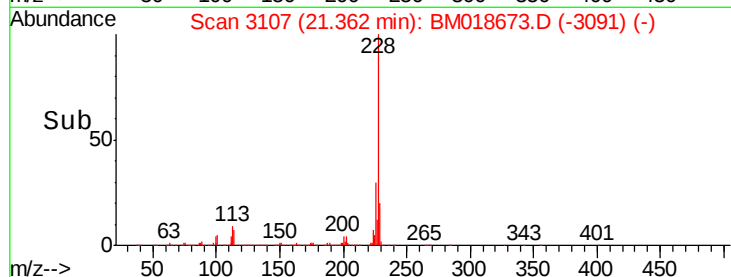
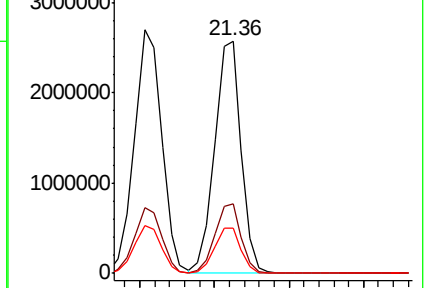
229 19.6 15.6 23.4



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: 50.313 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

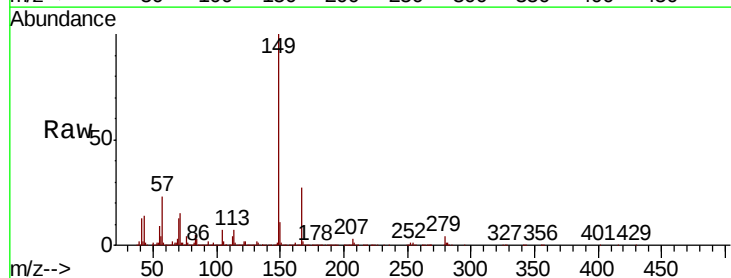
Tgt Ion:149 Resp: 2106827

Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

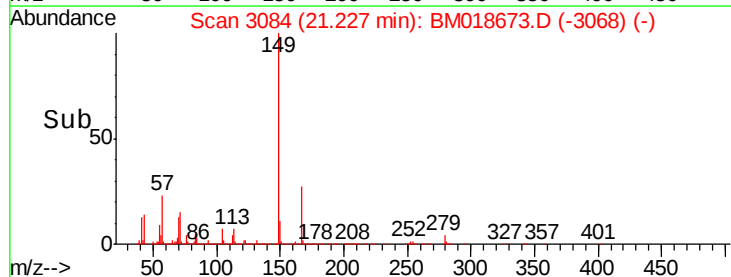
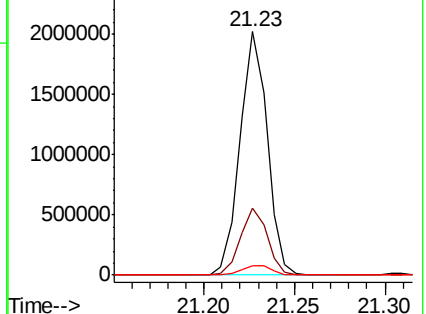
279 4.0 3.3 4.9

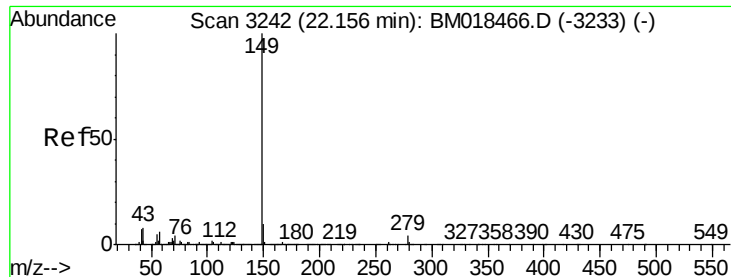


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.049 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

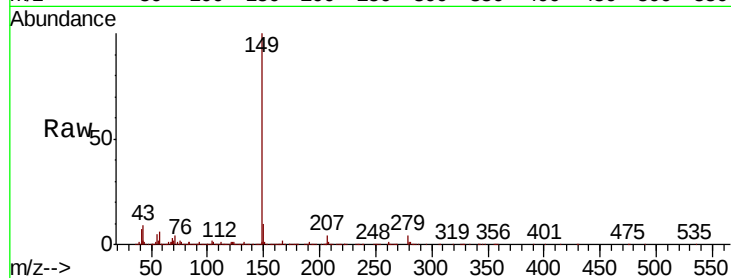
Tgt Ion:149 Resp: 3736150

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

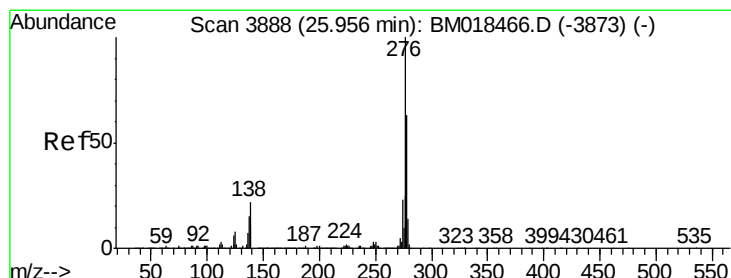
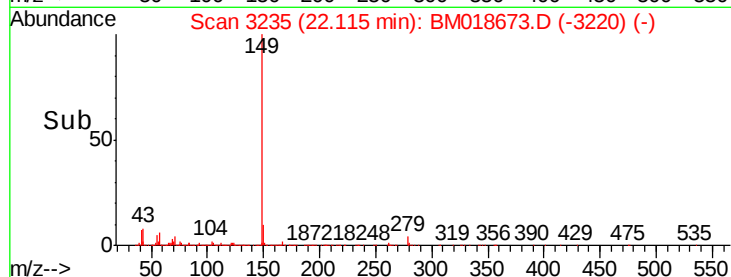
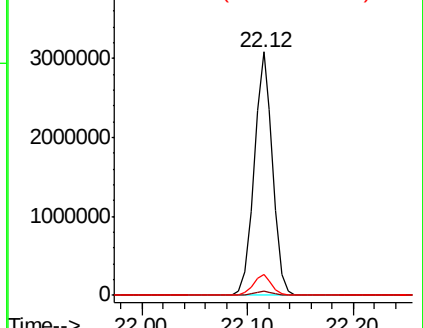
43 8.5 8.6 12.8#



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: 51.713 ng

RT: 25.89 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

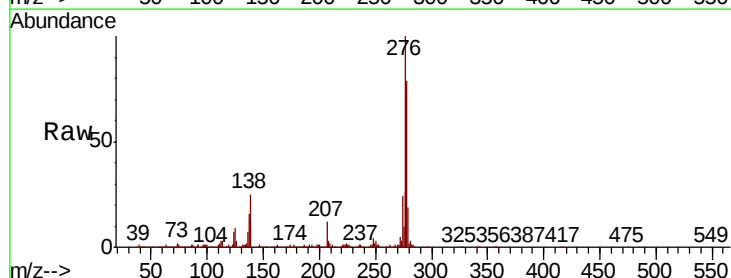
Tgt Ion:276 Resp: 3889233

Ion Ratio Lower Upper

276 100

138 24.0 21.5 32.3

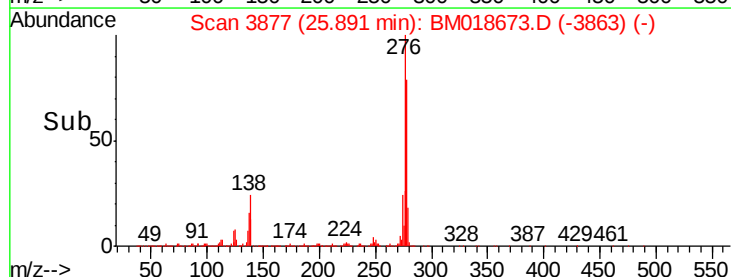
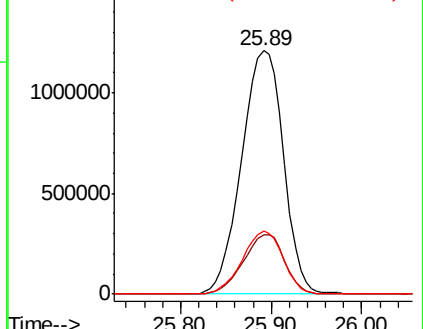
277 25.3 20.2 30.2

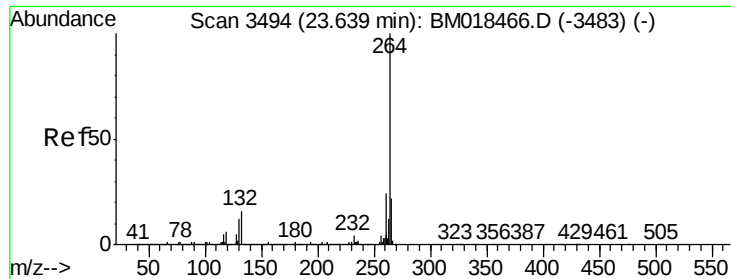


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



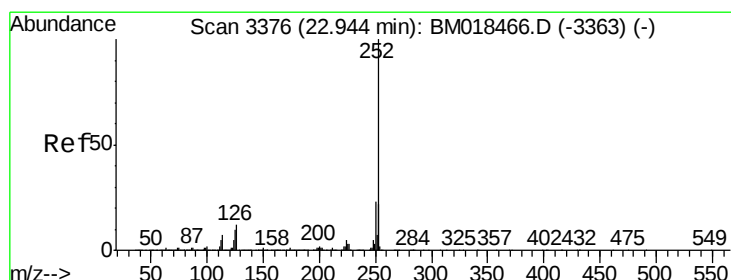
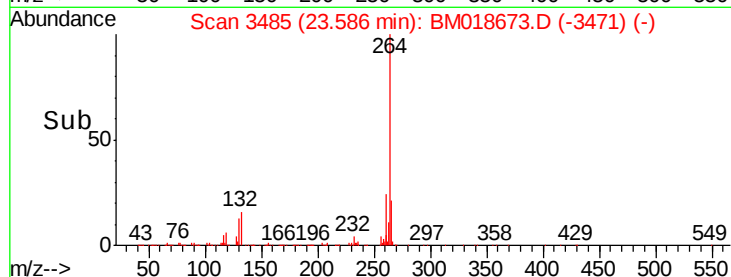
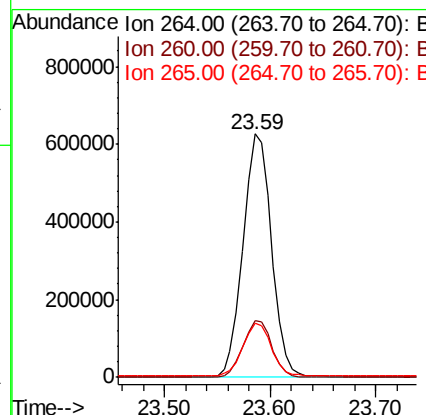
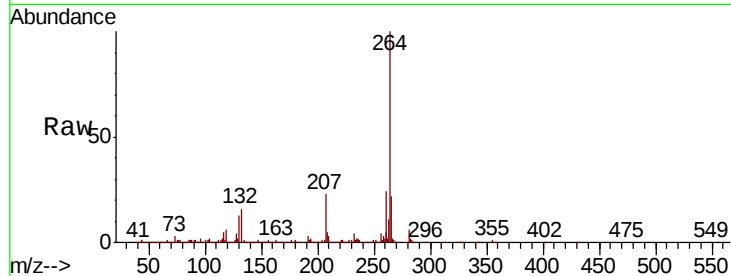


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Tgt Ion: 264 Resp: 1175939

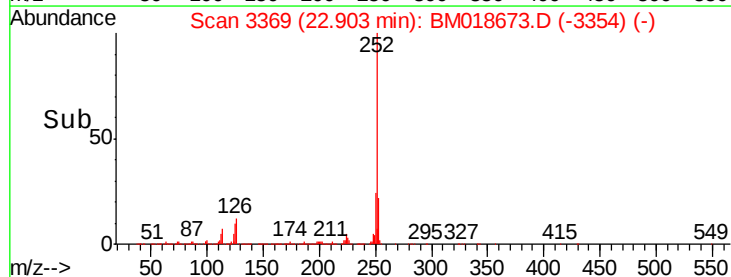
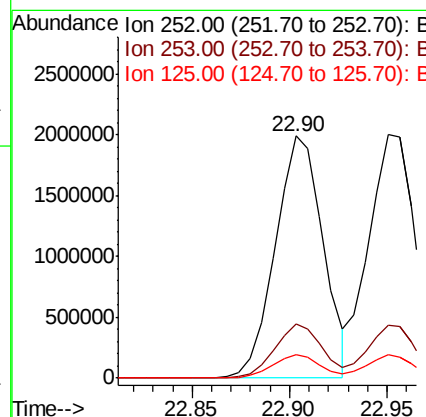
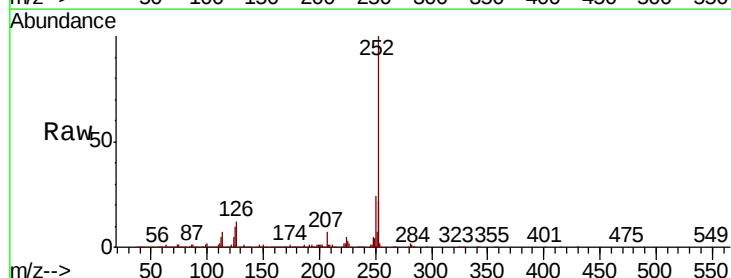
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.2	16.8	25.2

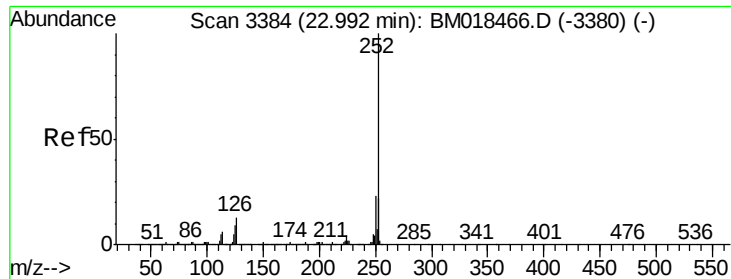


#88
Benzo(b)fluoranthene
Concen: 50.440 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018673.D
Acq: 28 Jan 2019 20:33

Tgt Ion: 252 Resp: 3367394

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 49.740 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

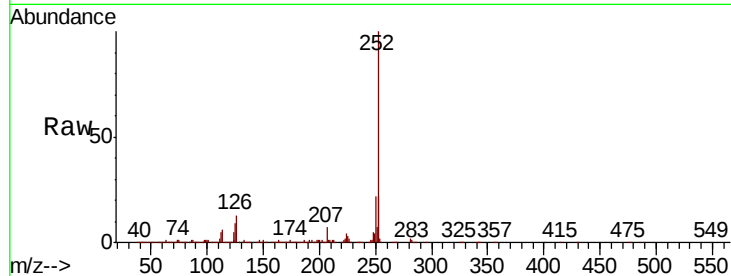
Tgt Ion:252 Resp: 3346542

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

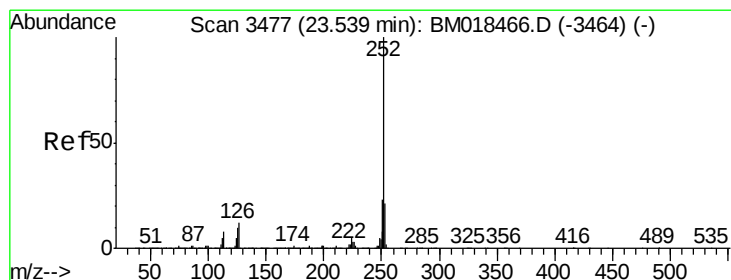
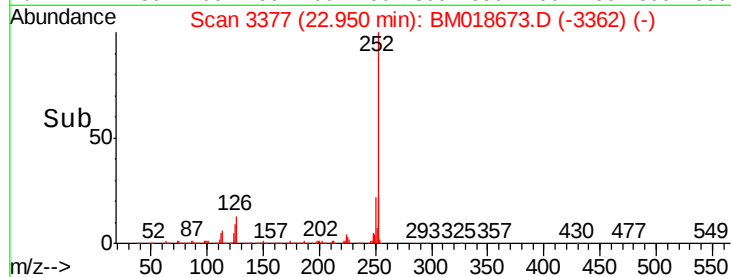
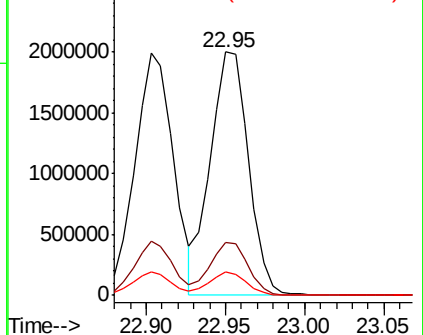
125 9.4 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 51.228 ng

RT: 23.49 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

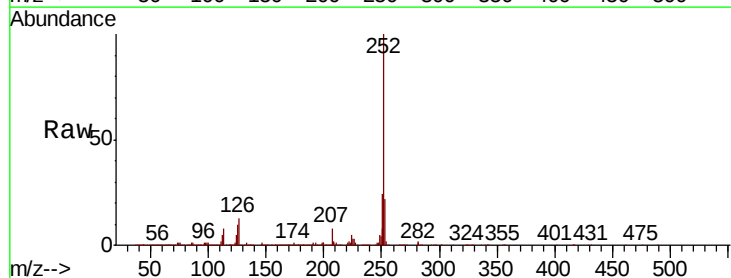
Tgt Ion:252 Resp: 3274193

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

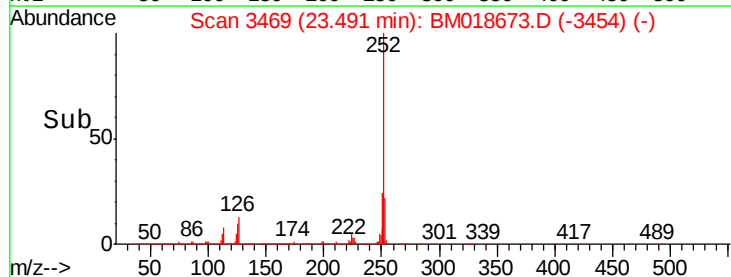
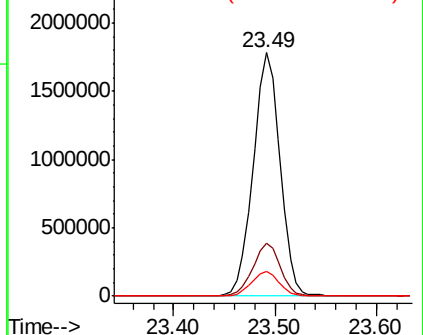
125 10.3 9.7 14.5

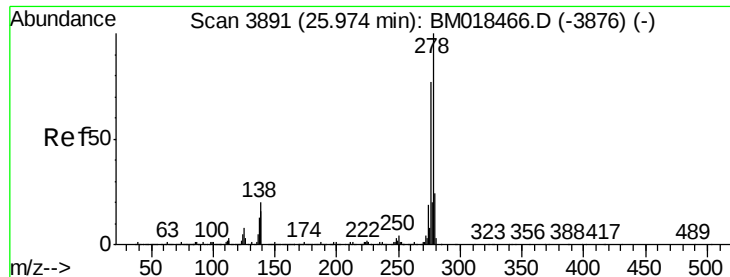


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.610 ng

RT: 25.90 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

Instrument :

BNA_M

ClientSampleId :

OR-01-012519-AMS

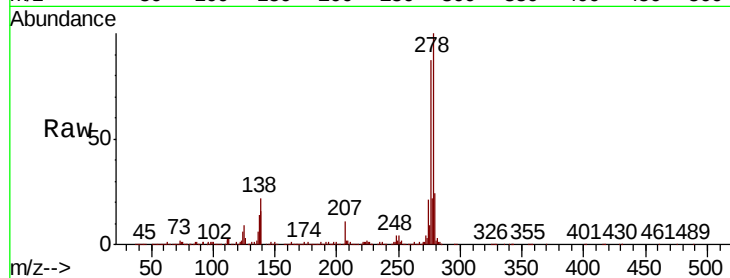
Tgt Ion:278 Resp: 3277556

Ion Ratio Lower Upper

278 100

139 15.7 13.2 19.8

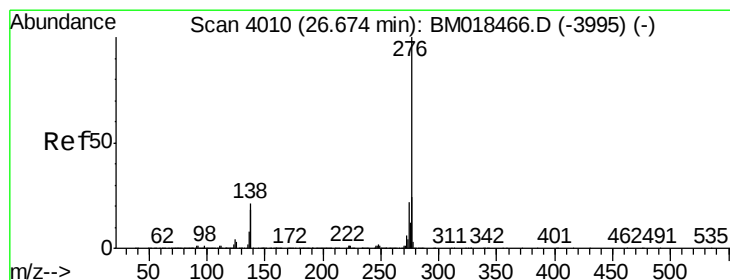
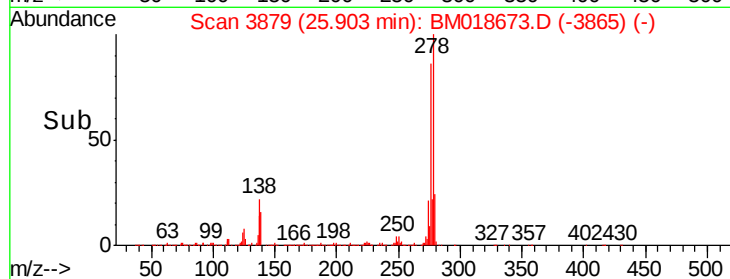
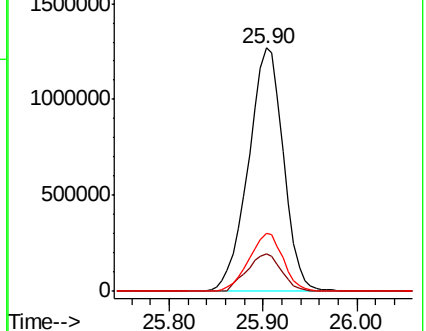
279 23.6 19.0 28.4



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: 51.194 ng

RT: 26.60 min Scan# 3998

Delta R.T. -0.01 min

Lab File: BM018673.D

Acq: 28 Jan 2019 20:33

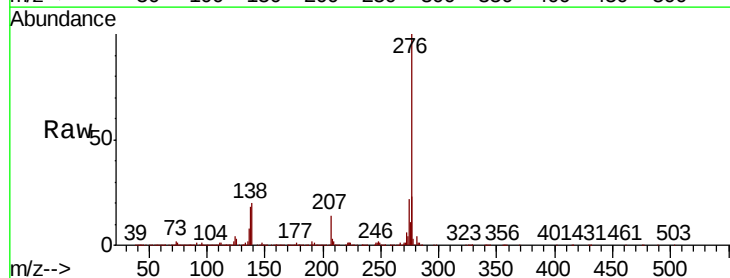
Tgt Ion:276 Resp: 3226247

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

