

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018253.D
 Acq On : 17 Dec 2018 17:39
 Operator : JU/SJ
 Sample : J6357-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Quant Time: Dec 18 00:51:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	138791	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	503126	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	219673	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	395266	20.00	ng	0.00
76) Chrysene-d12	21.14	240	426565	20.00	ng	0.00
87) Perylene-d12	23.30	264	516072	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1093141	131.57	ng	0.00
7) Phenol-d6	6.70	99	1373249	118.92	ng	0.00
23) Nitrobenzene-d5	8.65	82	865806	88.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	333297	103.37	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1515519	89.36	ng	-0.01
79) Terphenyl-d14	19.57	244	1465518	77.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	123827	37.623	ng	98
3) Pyridine	3.51	79	369856	38.199	ng	98
4) n-Nitrosodimethylamine	3.43	42	155185	46.565	ng	# 99
6) Aniline	6.85	93	126269	8.716	ng	99
8) 2-Chlorophenol	7.07	128	394415	40.179	ng	99
9) Benzaldehyde	6.66	77	151167	21.476	ng	100
10) Phenol	6.73	94	571719	46.747	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	369163	37.980	ng	96
12) 1,3-Dichlorobenzene	7.38	146	432108	39.420	ng	100
13) 1,4-Dichlorobenzene	7.53	146	434944	39.074	ng	98
14) 1,2-Dichlorobenzene	7.84	146	416059	38.773	ng	98
15) Benzyl Alcohol	7.75	79	337811	35.900	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.03	45	312018	35.672	ng	94
17) 2-Methylphenol	7.95	107	307260	37.626	ng	96
18) Hexachloroethane	8.55	117	161057	39.475	ng	97
19) n-Nitroso-di-n-propylamine	8.30	70	294329	34.135	ng	97
20) 3+4-Methylphenols	8.28	107	400737	35.021	ng	98
22) Acetophenone	8.32	105	568631	42.708	ng	# 99
24) Nitrobenzene	8.70	77	430316	43.906	ng	99
25) Isophorone	9.22	82	725927	44.453	ng	100
26) 2-Nitrophenol	9.39	139	200367	41.682	ng	99
27) 2,4-Dimethylphenol	9.47	122	293202	42.322	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	451874	42.450	ng	98
29) 2,4-Dichlorophenol	9.93	162	304874	39.690	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	363621	41.617	ng	95
31) Naphthalene	10.31	128	1078286	43.830	ng	99
32) Benzoic acid	9.57	122	17105	2.607	ng	92
33) 4-Chloroaniline	10.45	127	67496	6.263	ng	97
34) Hexachlorobutadiene	10.58	225	227450	41.160	ng	99
35) Caprolactam	11.25	113	80453	27.487	ng	96
36) 4-Chloro-3-methylphenol	11.59	107	313277	33.942	ng	99
37) 2-Methylnaphthalene	11.93	142	731374	42.155	ng	99
38) 1-Methylnaphthalene	12.16	142	688812	40.687	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	362168	47.944	ng	98

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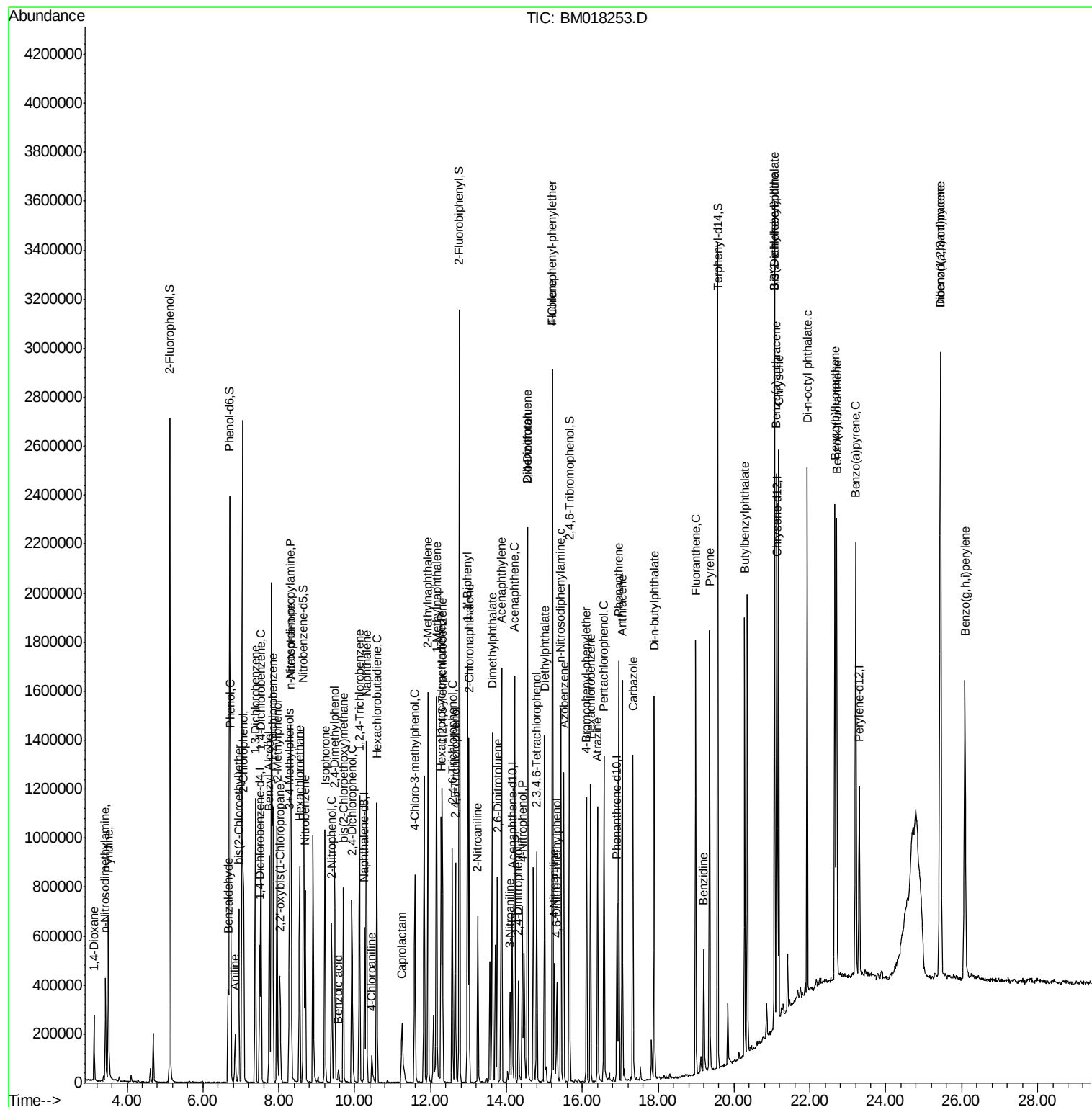
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	291864	87.398	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	220624	45.409	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	220511	42.752	ng	97
46) 1,1'-Biphenyl	12.97	154	858123	43.422	ng	99
47) 2-Chloronaphthalene	13.01	162	656460	45.131	ng	99
48) 2-Nitroaniline	13.25	65	183370	40.924	ng	96
49) Acenaphthylene	13.87	152	1001828	45.704	ng	99
50) Dimethylphthalate	13.63	163	847725	46.418	ng	100
51) 2,6-Dinitrotoluene	13.76	165	161977	40.345	ng	98
52) Acenaphthene	14.22	154	575056	42.928	ng	100
53) 3-Nitroaniline	14.09	138	93944	22.235	ng	94
54) 2,4-Dinitrophenol	14.31	184	96769	43.694	ng	96
55) Dibenzofuran	14.56	168	881729	40.963	ng	98
56) 4-Nitrophenol	14.42	139	218173	68.109	ng	95
57) 2,4-Dinitrotoluene	14.56	165	208140	37.507	ng	91
58) Fluorene	15.21	166	686788	41.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	177514	38.214	ng	96
60) Diethylphthalate	15.00	149	714553	36.255	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	354392	37.692	ng	97
62) 4-Nitroaniline	15.26	138	124835	31.139	ng	91
63) Azobenzene	15.51	77	701987	39.062	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	91819	31.555	ng	96
66) n-Nitrosodiphenylamine	15.44	169	577850	44.210	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	203350	42.479	ng	99
68) Hexachlorobenzene	16.22	284	221820	42.297	ng	96
69) Atrazine	16.40	200	191947	43.500	ng	99
70) Pentachlorophenol	16.57	266	232216	67.046	ng	97
71) Phenanthrene	16.96	178	943957	43.966	ng	100
72) Anthracene	17.05	178	949441	44.575	ng	99
73) Carbazole	17.33	167	832158	38.064	ng	99
74) Di-n-butylphthalate	17.90	149	1054998	39.111	ng	99
75) Fluoranthene	18.99	202	1021178	40.909	ng	99
77) Benzidine	19.20	184	295962	27.361	ng	99
78) Pyrene	19.36	202	1045702	41.142	ng	99
80) Butylbenzylphthalate	20.28	149	477408	39.483	ng	96
81) Benzo(a)anthracene	21.12	228	1123535	45.090	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	319364	32.081	ng	98
83) Chrysene	21.17	228	1049804	43.802	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	706567	39.208	ng	99
85) Di-n-octyl phthalate	21.93	149	1290196	43.716	ng	100
86) Indeno(1,2,3-cd)pyrene	25.44	276	1599008	66.976	ng	99
88) Benzo(b)fluoranthene	22.66	252	1252779	43.216	ng	100
89) Benzo(k)fluoranthene	22.70	252	1201852	41.630	ng	99
90) Benzo(a)pyrene	23.21	252	1228927	44.573	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1375681	53.864	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1330329	55.104	ng	99

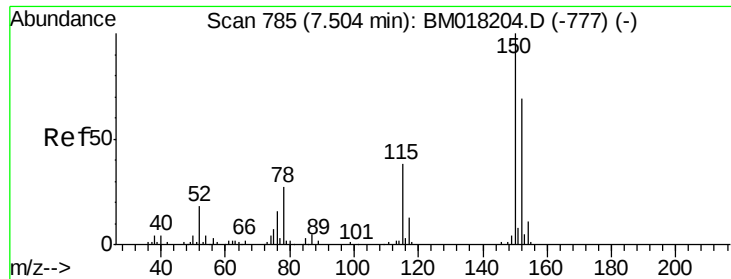
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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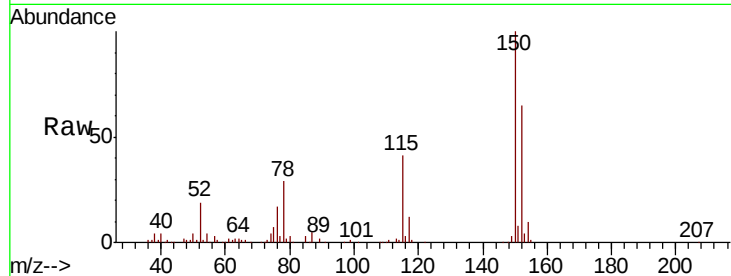


#1

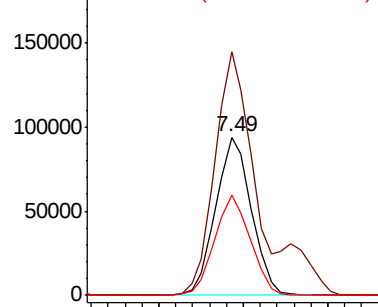
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Instrument :
BNA_M
ClientSampleId :
SB-01AMS

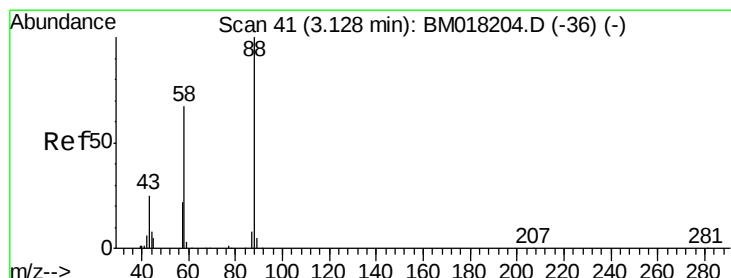
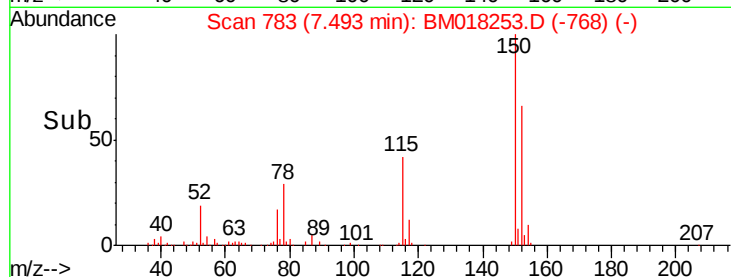
Tgt Ion:152 Resp: 138791
Ion Ratio Lower Upper
152 100
150 153.6 116.1 174.1
115 63.4 44.6 67.0



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



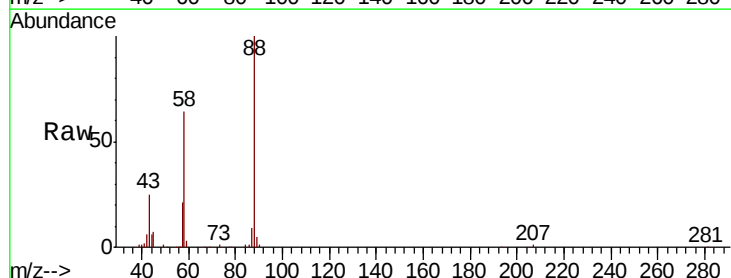
Time-->



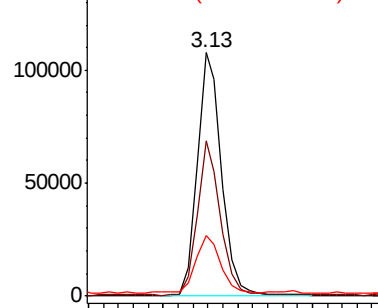
#2

1,4-Dioxane
Concen: 37.623 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

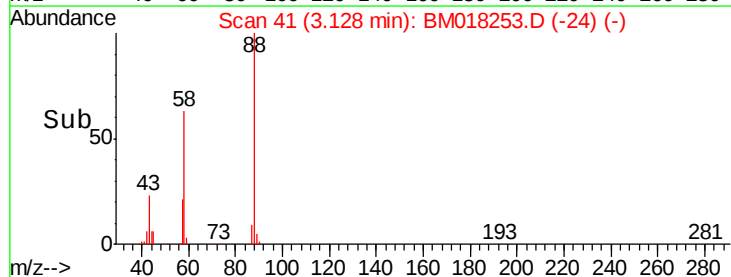
Tgt Ion: 88 Resp: 123827
Ion Ratio Lower Upper
88 100
58 59.9 49.8 74.6
43 24.1 19.1 28.7

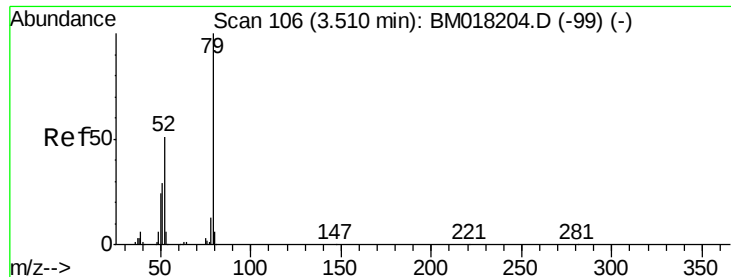


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->

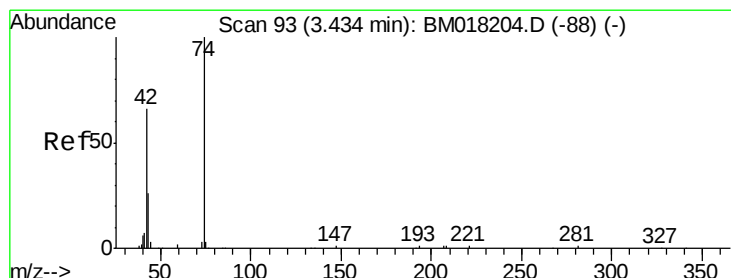
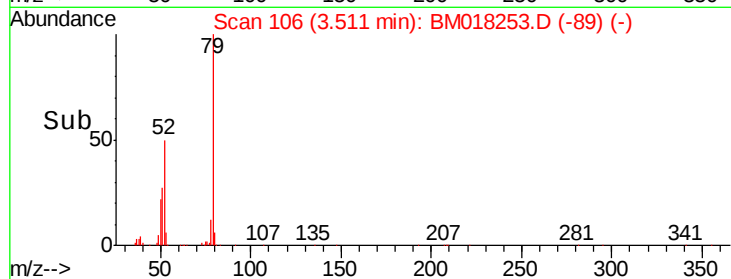
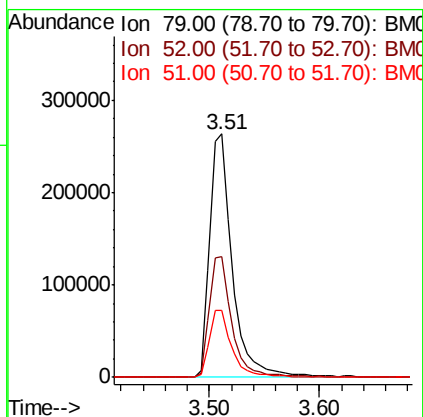
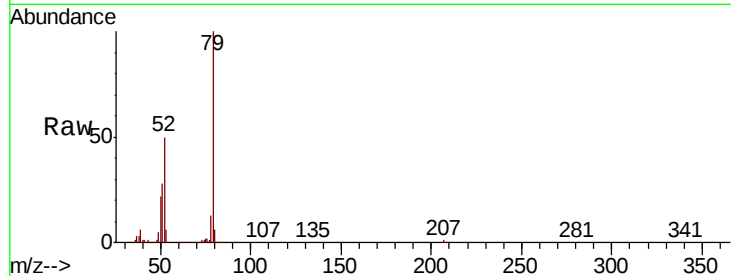




#3
 Pyridine
 Concen: 38.199 ng
 RT: 3.51 min Scan# 106
 Delta R.T. 0.00 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

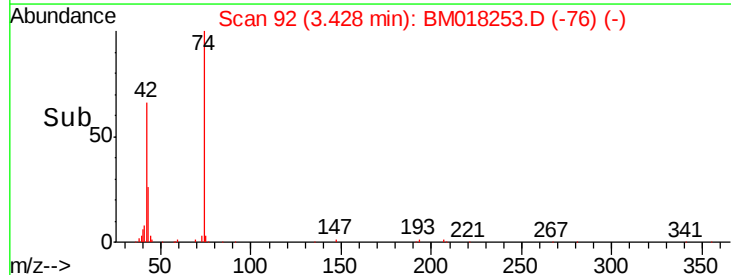
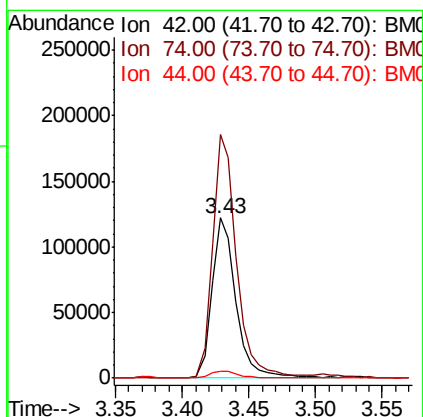
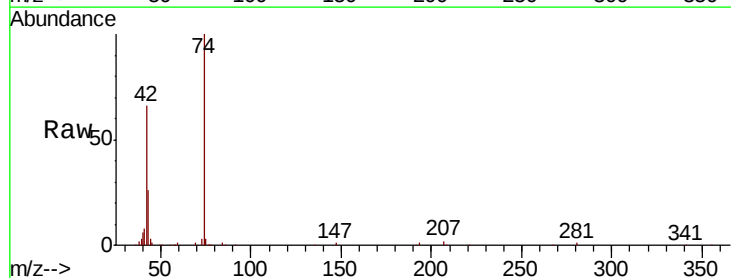
Instrument :
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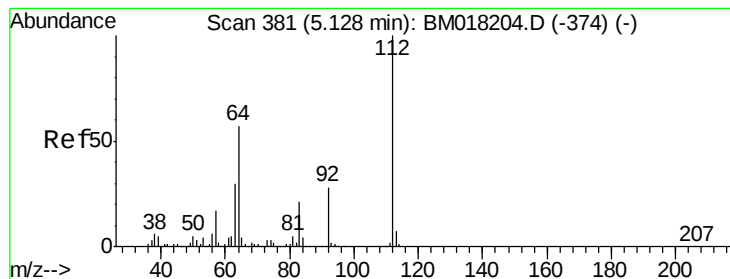
Tgt Ion: 79 Resp: 369856
 Ion Ratio Lower Upper
 79 100
 52 49.7 40.7 61.1
 51 27.7 23.0 34.6



#4
 n-Nitrosodimethylamine
 Concen: 46.565 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion: 42 Resp: 155185
 Ion Ratio Lower Upper
 42 100
 74 152.3 120.4 180.6
 44 4.4 4.6 7.0#





#5

2-Fluorophenol

Concen: 131.570 ng

RT: 5.13 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

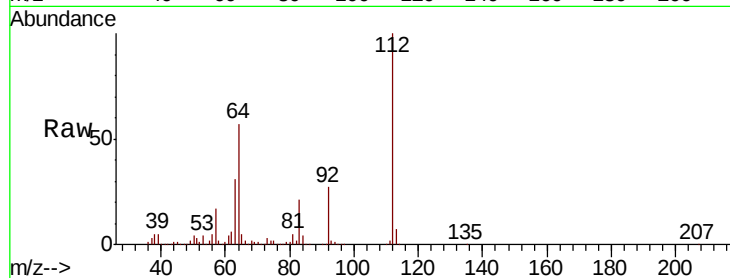
Tgt Ion: 112 Resp: 1093141

Ion Ratio Lower Upper

112 100

64 56.9 45.4 68.2

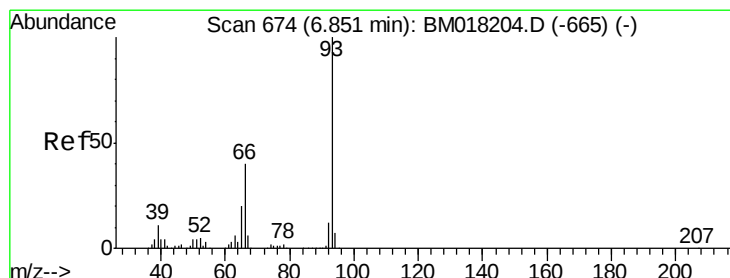
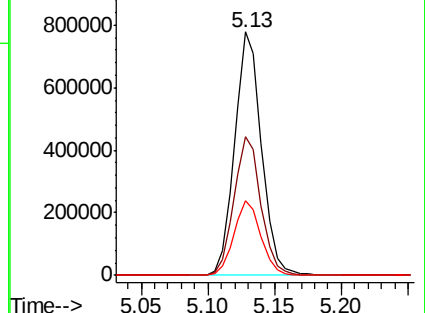
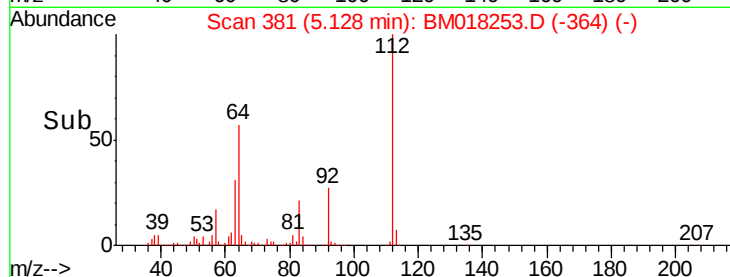
63 30.6 24.0 36.0



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: 8.716 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

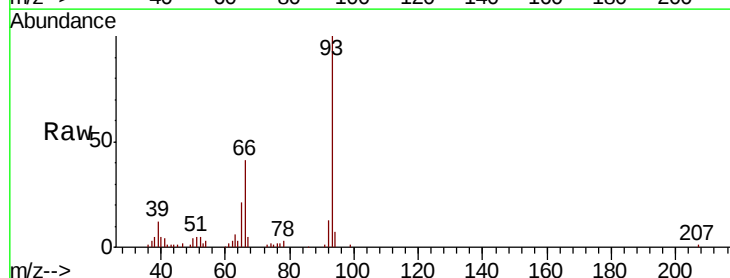
Tgt Ion: 93 Resp: 126269

Ion Ratio Lower Upper

93 100

66 41.2 32.3 48.5

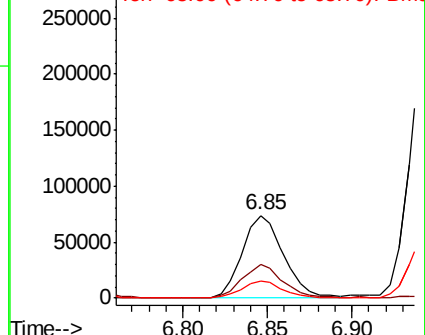
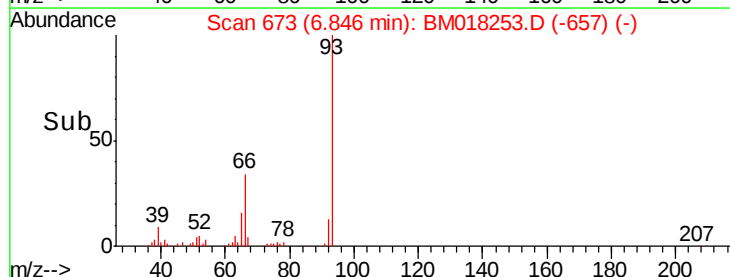
65 21.0 16.2 24.4

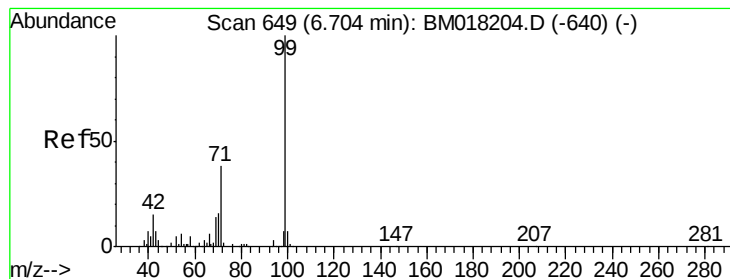


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 118.916 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018253.D

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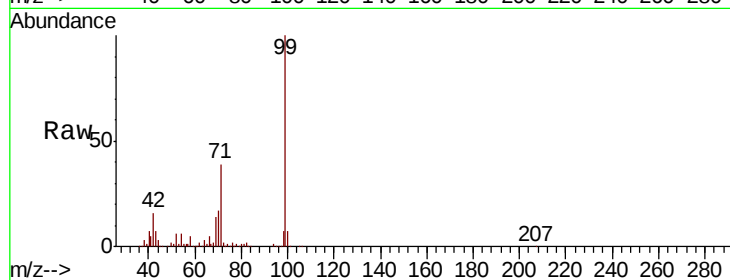
Tgt Ion: 99 Resp: 1373249

Ion Ratio Lower Upper

99 100

42 15.8 12.3 18.5

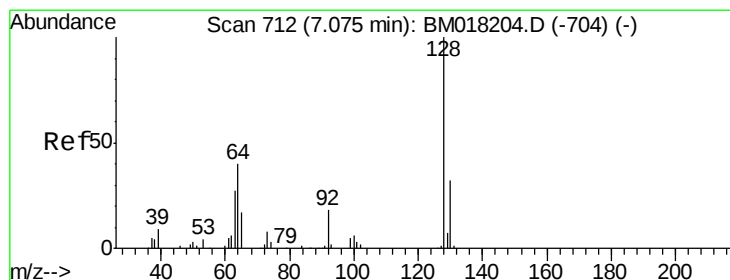
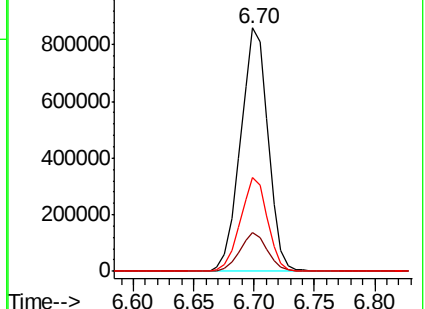
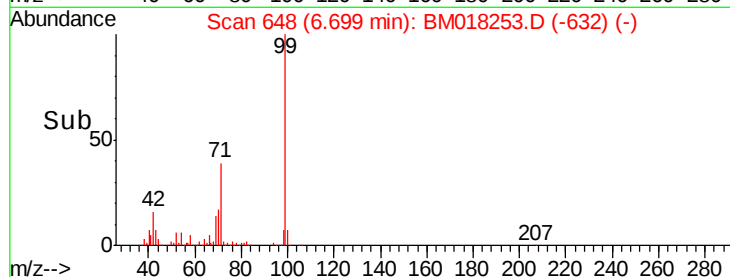
71 38.8 30.2 45.2



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

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

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



#8

2-Chlorophenol

Concen: 40.179 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

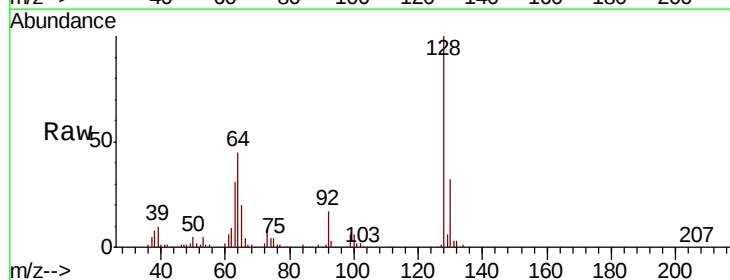
Tgt Ion: 128 Resp: 394415

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

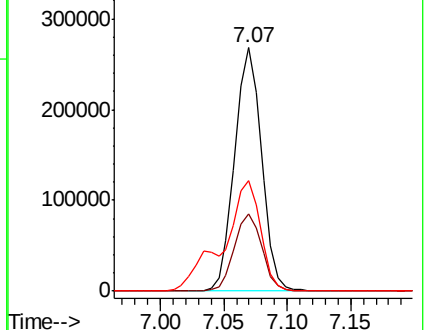
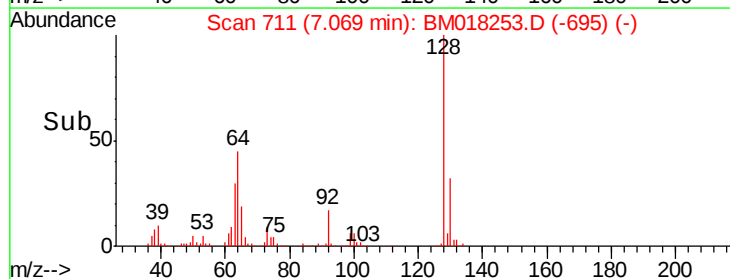
64 45.2 24.1 64.1

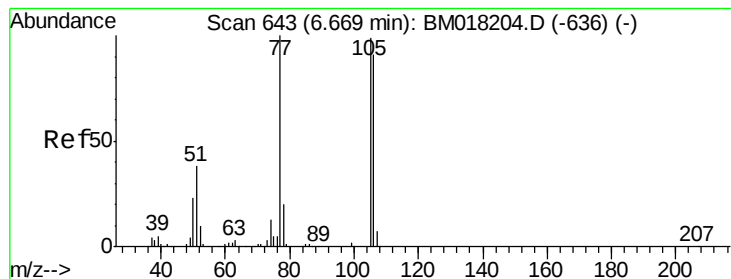


Abundance Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)





#9

Benzaldehyde

Concen: 21.476 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

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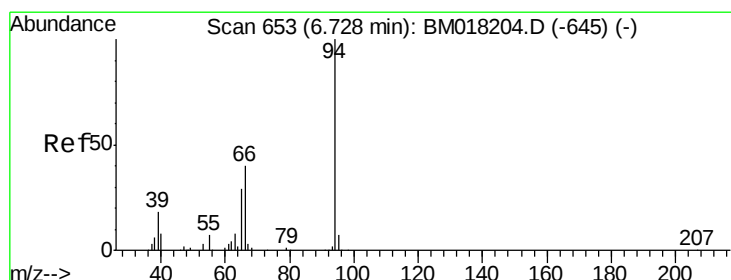
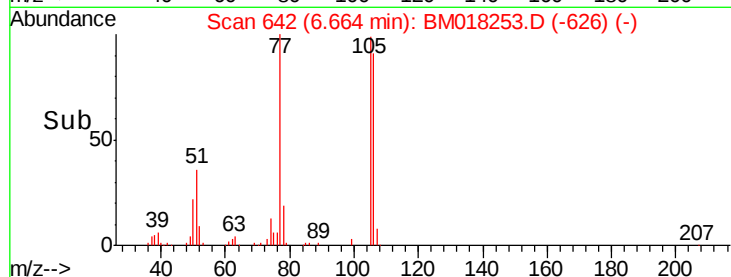
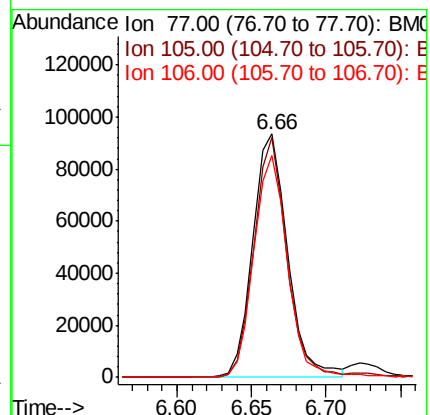
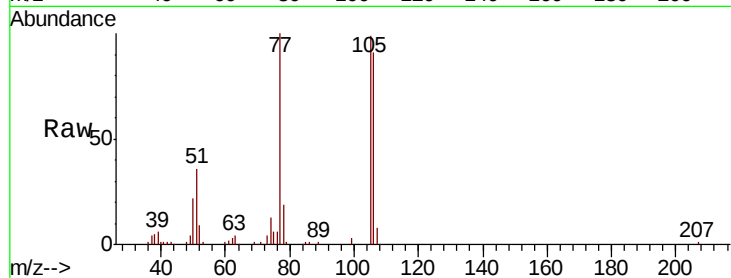
Tgt Ion: 77 Resp: 151167

Ion Ratio Lower Upper

77 100

105 98.5 78.8 118.8

106 91.4 70.7 110.7



#10

Phenol

Concen: 46.747 ng

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

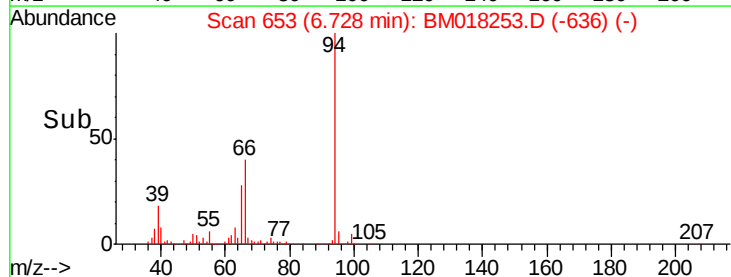
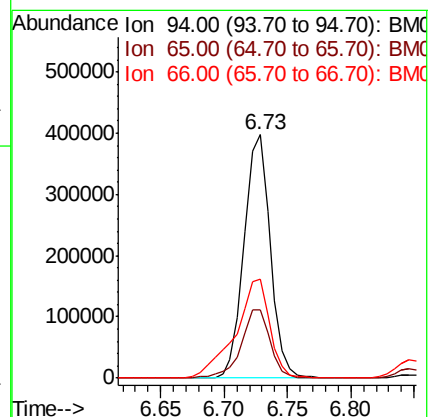
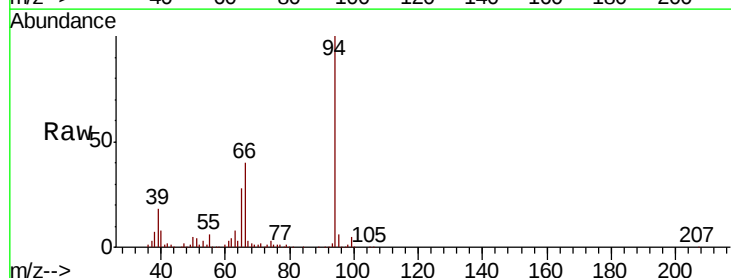
Tgt Ion: 94 Resp: 571719

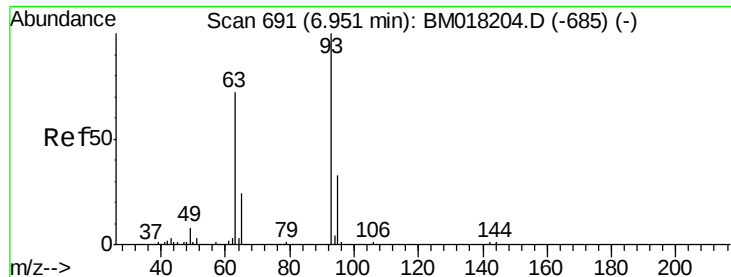
Ion Ratio Lower Upper

94 100

65 27.9 9.5 49.5

66 40.5 21.3 61.3

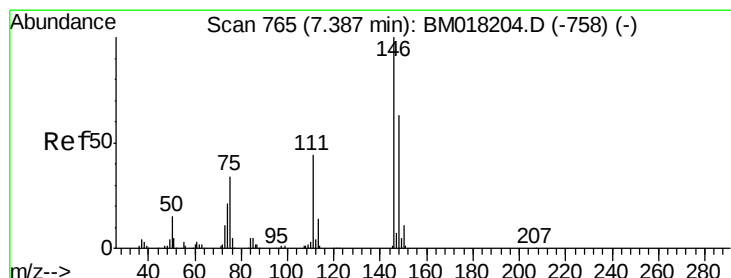
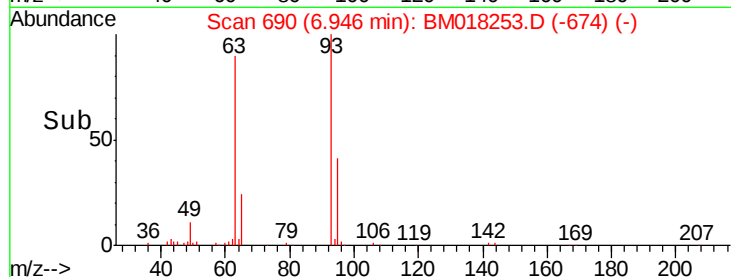
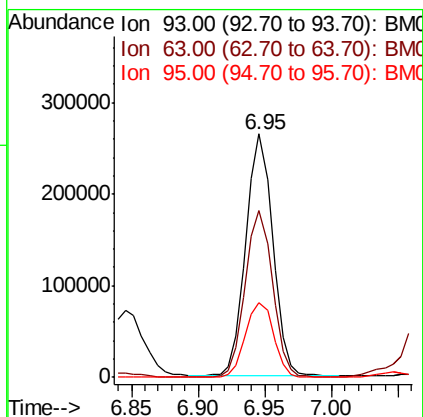
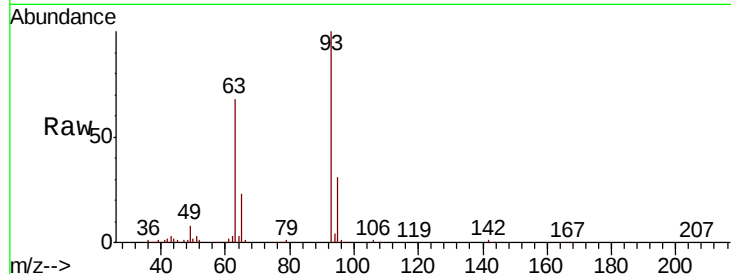




#11
 bis(2-Chloroethyl)ether
 Concen: 37.980 ng
 RT: 6.95 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

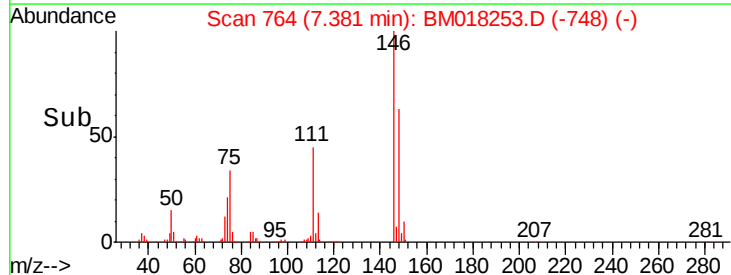
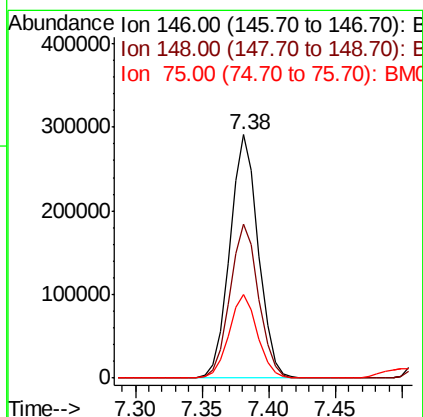
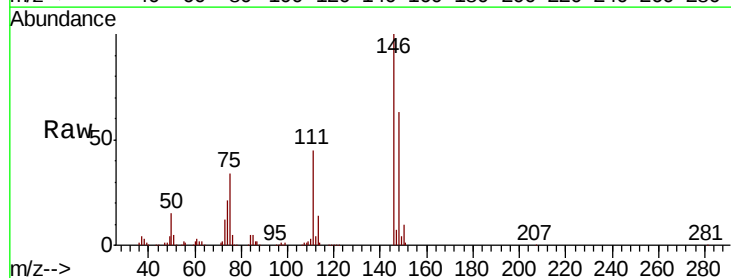
Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

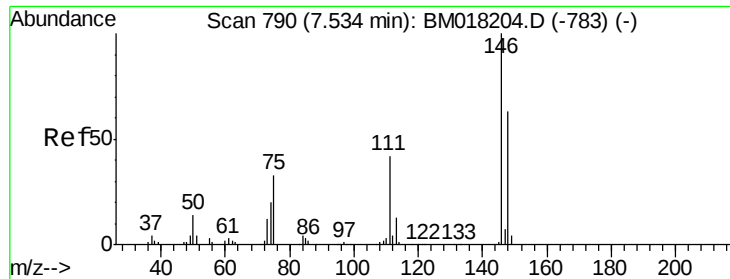
Tgt Ion: 93 Resp: 369163
 Ion Ratio Lower Upper
 93 100
 63 68.5 51.7 91.7
 95 30.7 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.420 ng
 RT: 7.38 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion: 146 Resp: 432108
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 75 34.1 27.0 40.4

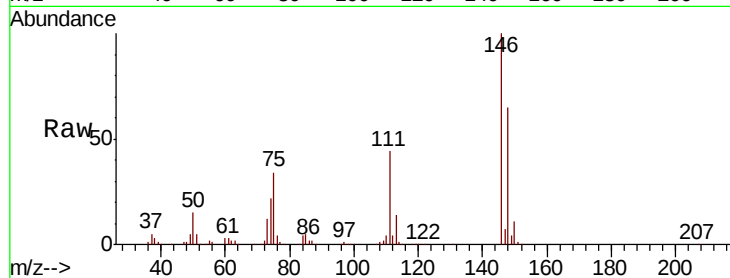




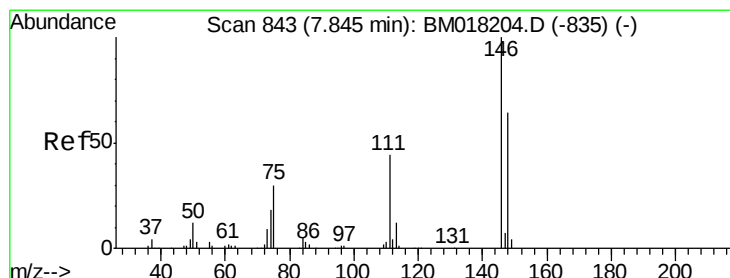
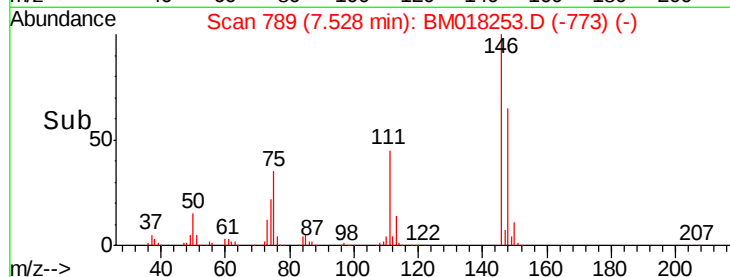
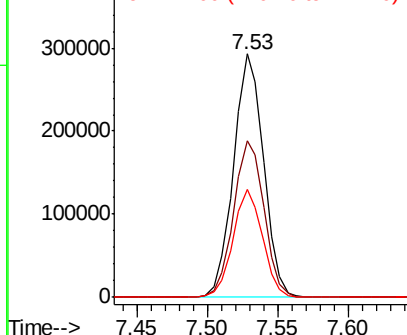
#13
 1,4-Dichlorobenzene
 Concen: 39.074 ng
 RT: 7.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion:146 Resp: 434944
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.7 76.1
 111 44.5 34.2 51.2

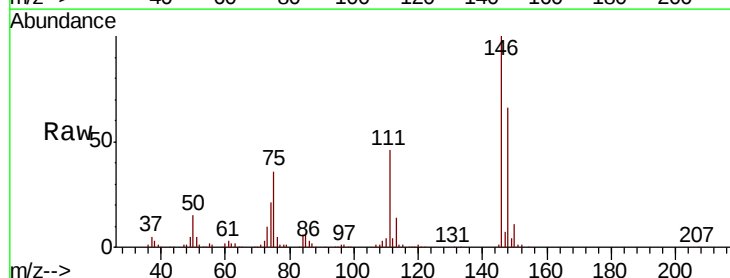


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

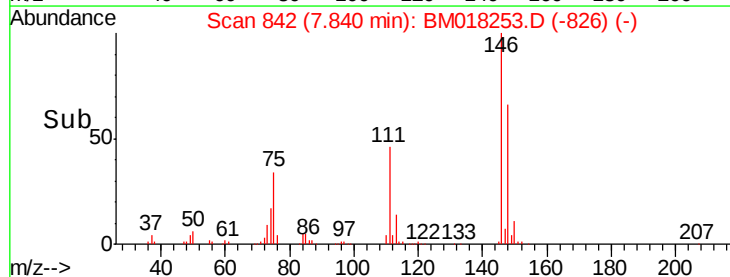
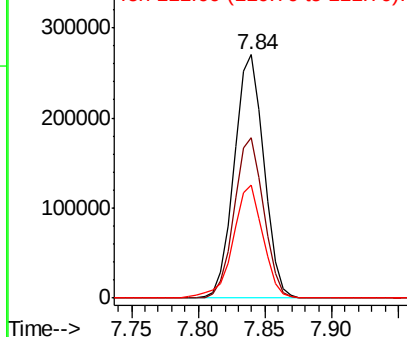


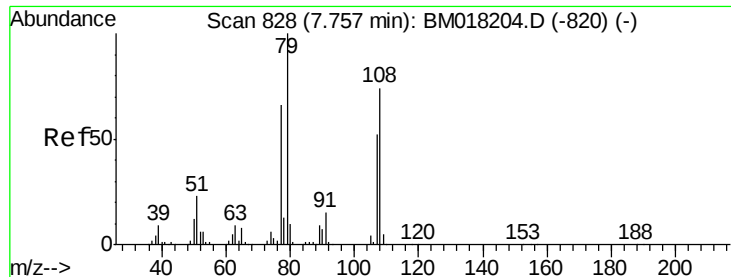
#14
 1,2-Dichlorobenzene
 Concen: 38.773 ng
 RT: 7.84 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:146 Resp: 416059
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.3 76.9
 111 46.4 35.8 53.8



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: 35.900 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

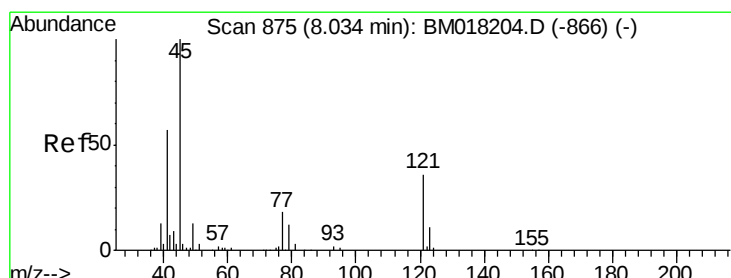
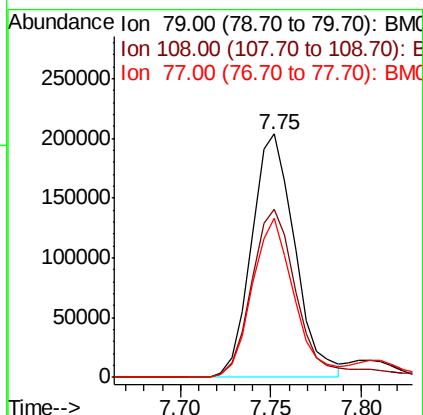
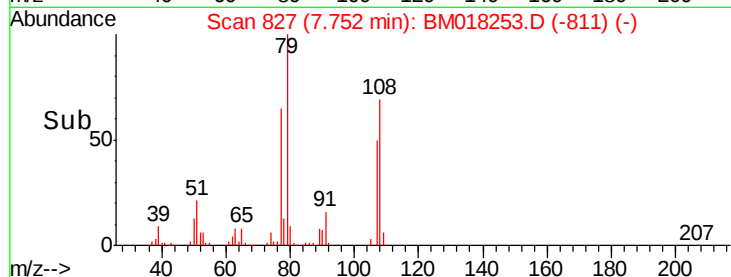
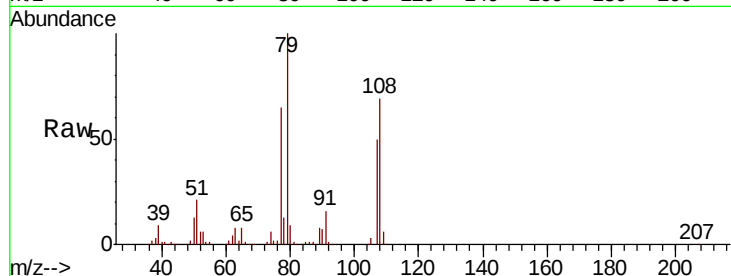
Tgt Ion: 79 Resp: 337811

Ion Ratio Lower Upper

79 100

108 69.3 59.3 88.9

77 65.2 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.672 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

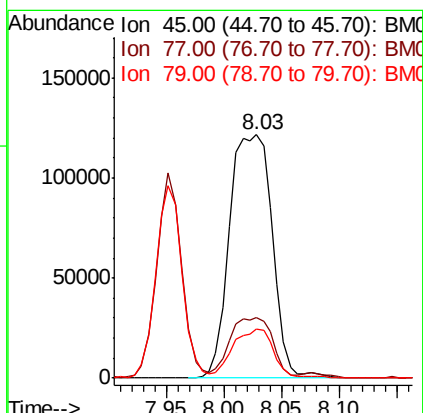
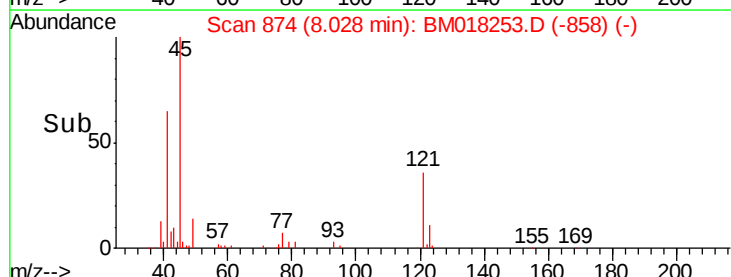
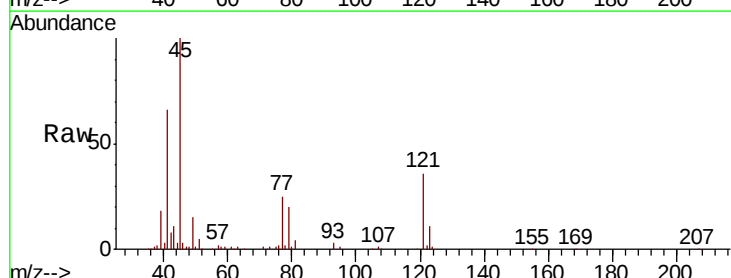
Tgt Ion: 45 Resp: 312018

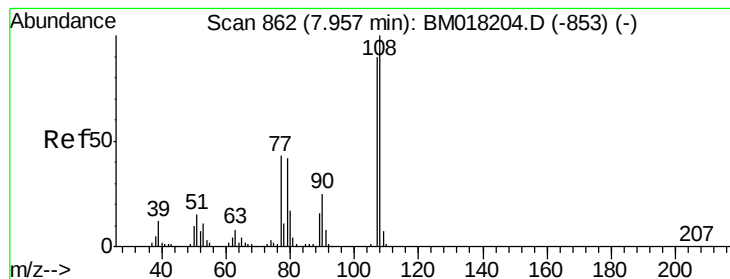
Ion Ratio Lower Upper

45 100

77 24.8 2.5 42.5

79 20.4 0.0 37.2





#17

2-Methylphenol

Concen: 37.626 ng

RT: 7.95 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

Tgt Ion:107 Resp: 307260

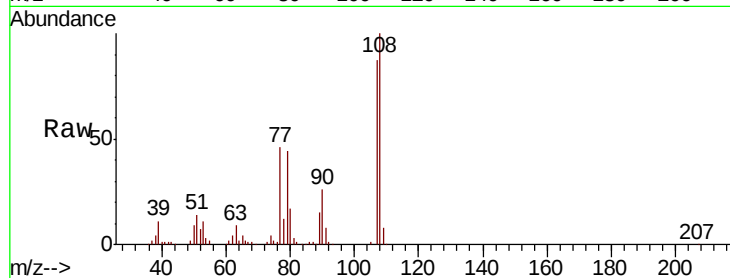
Ion Ratio Lower Upper

107 100

108 114.7 89.3 133.9

77 53.2 38.2 57.4

79 50.0 37.7 56.5



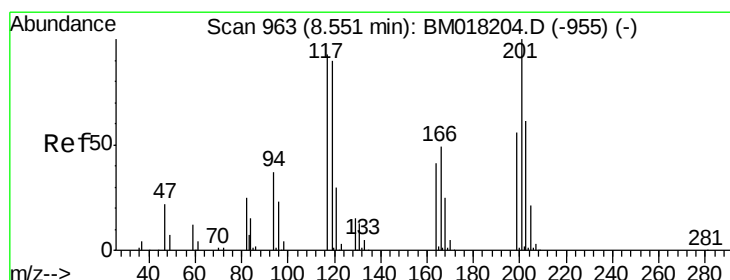
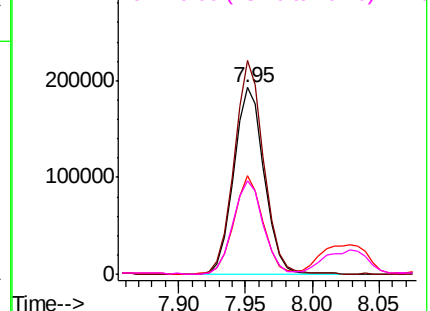
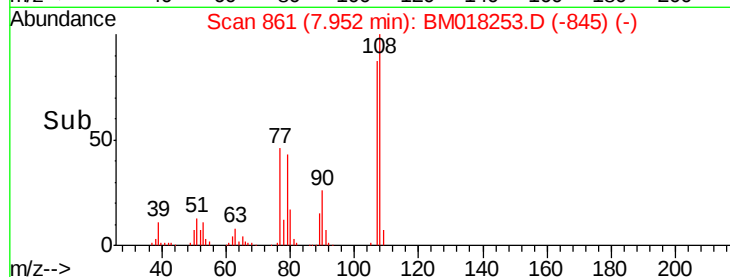
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.475 ng

RT: 8.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

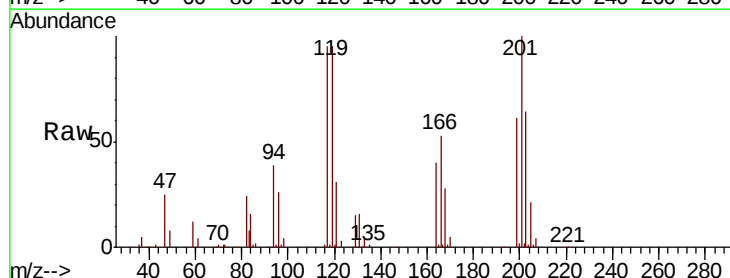
Tgt Ion:117 Resp: 161057

Ion Ratio Lower Upper

117 100

119 100.1 77.0 115.4

201 105.4 85.7 128.5

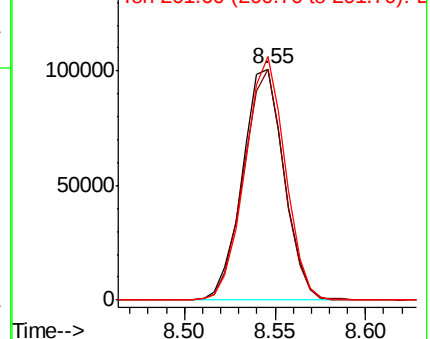
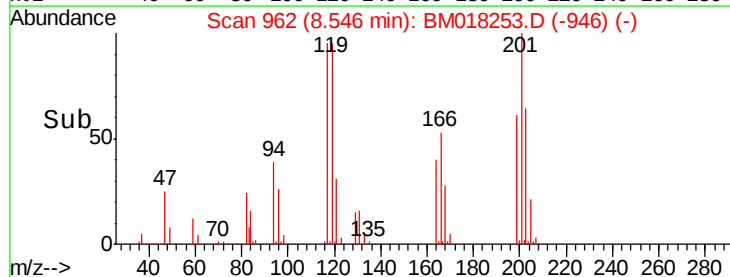


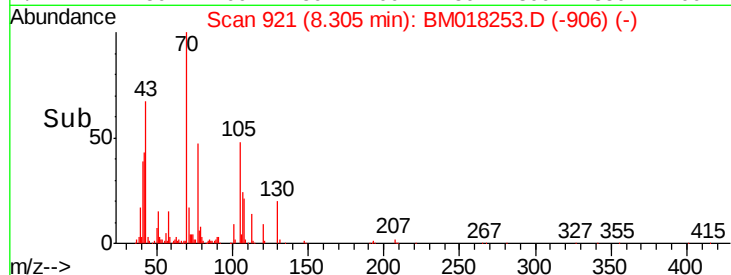
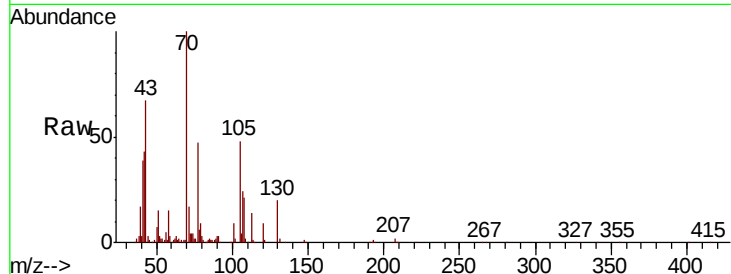
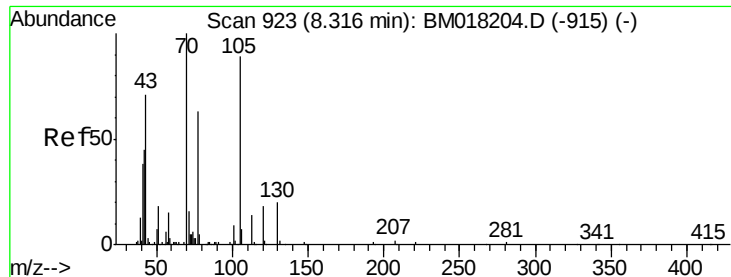
Abundance

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

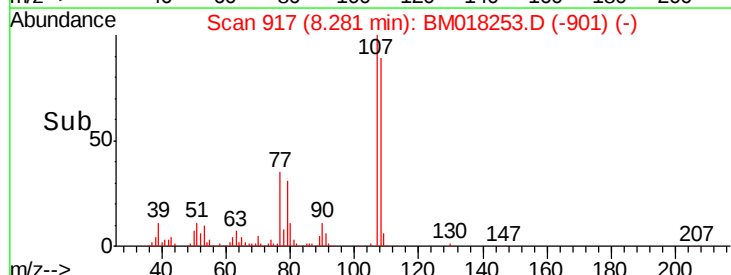
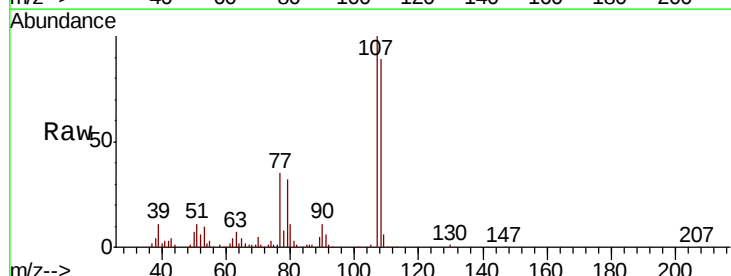
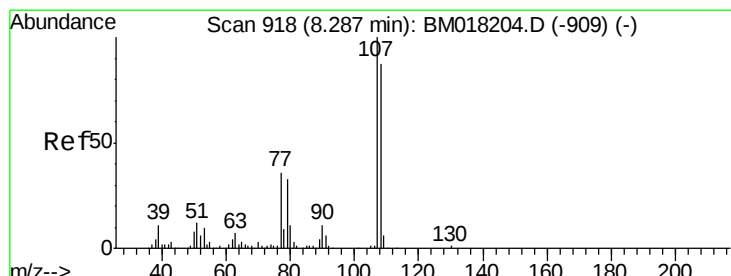
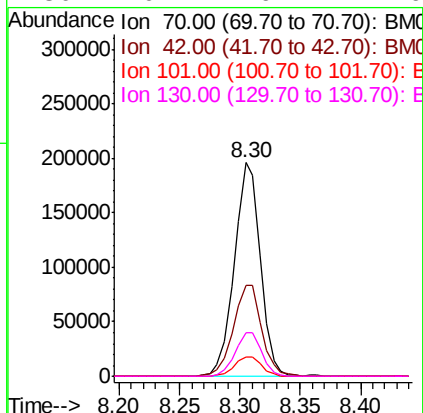




#19
n-Nitroso-di-n-propylamine
Concen: 34.135 ng
RT: 8.30 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

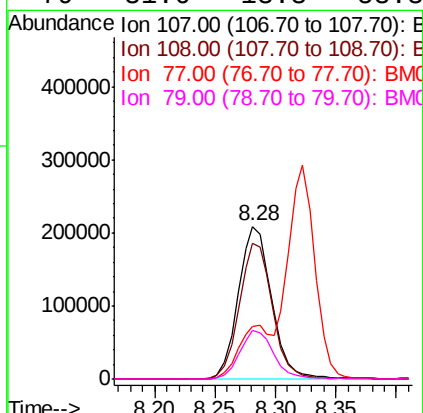
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

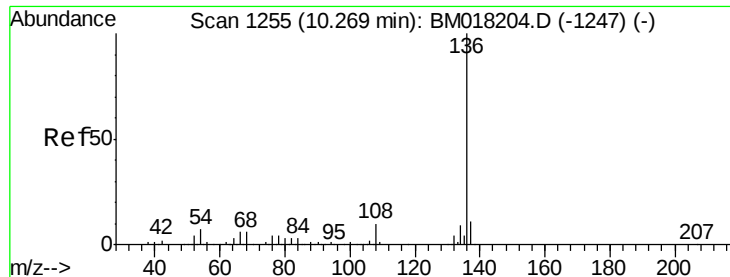
Tgt Ion:	70	Resp:	294329
Ion	Ratio	Lower	Upper
70	100		
42	42.6	36.2	54.2
101	9.3	7.5	11.3
130	20.2	16.4	24.6



#20
3+4-Methylphenols
Concen: 35.021 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:	107	Resp:	400737
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.4	107.4
77	34.8	15.7	55.7
79	31.6	13.3	53.3

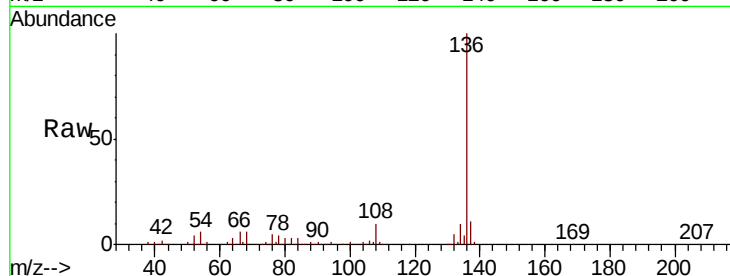




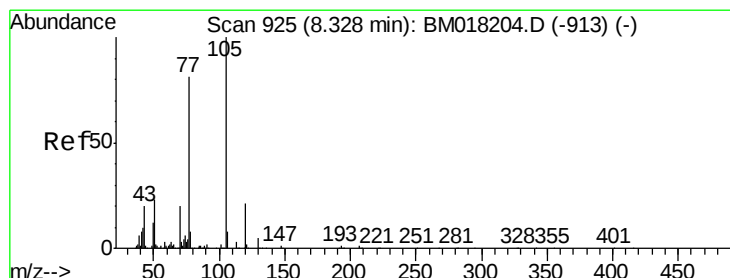
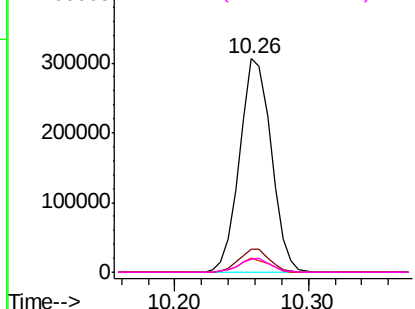
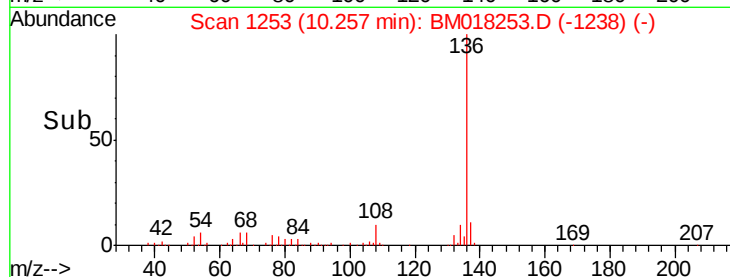
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Instrument :
BNA_M
ClientSampleId :
SB-01AMS

Tgt Ion:	136	Resp:	503126
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.4	5.2	7.8
68	6.3	5.0	7.6

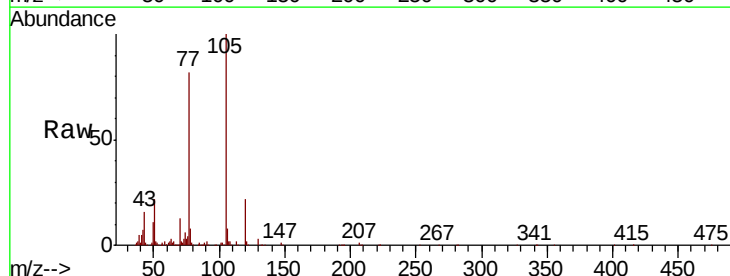


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

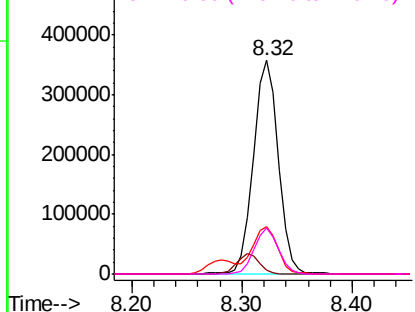
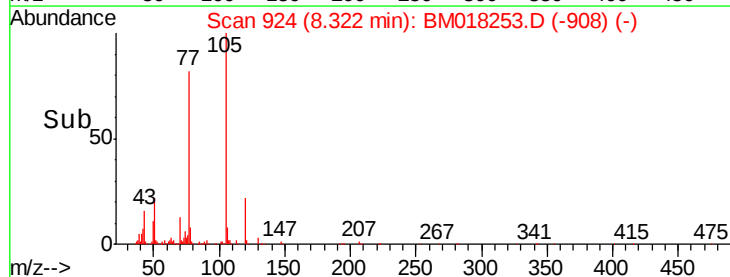


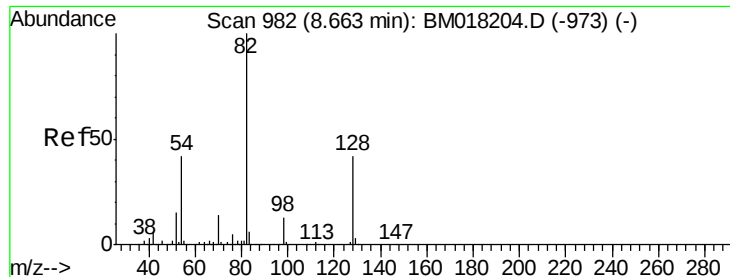
#22
Acetophenone
Concen: 42.708 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:	105	Resp:	568631
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	4.0#
51	22.2	18.3	27.5
120	21.6	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

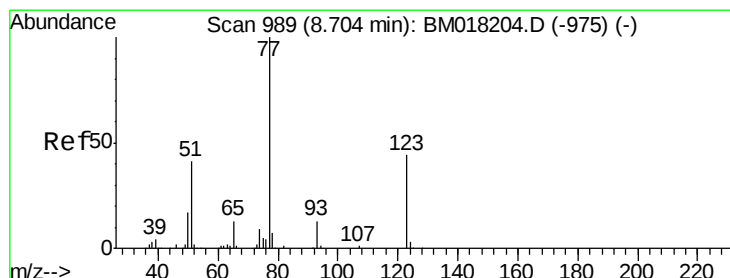
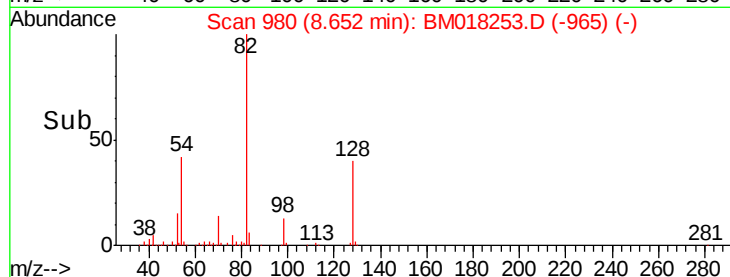
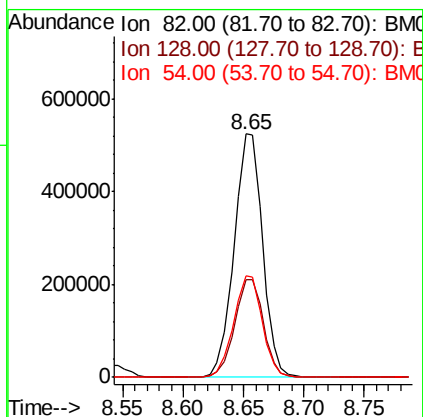
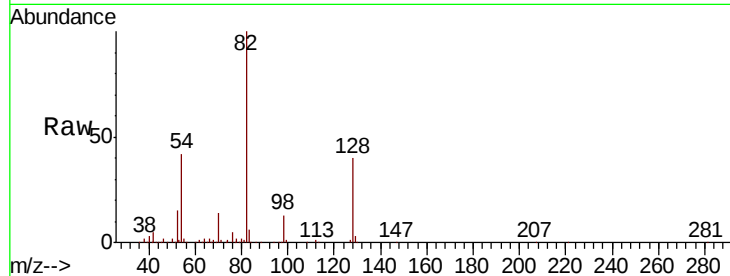




#23
Nitrobenzene-d5
Concen: 88.269 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

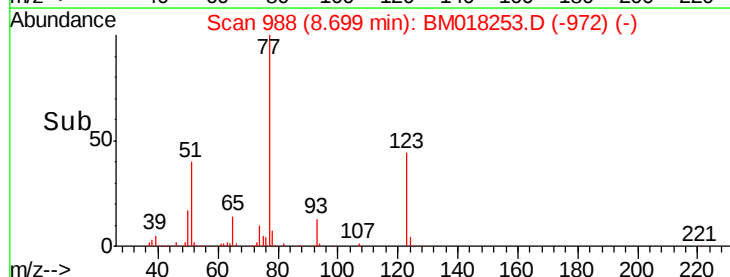
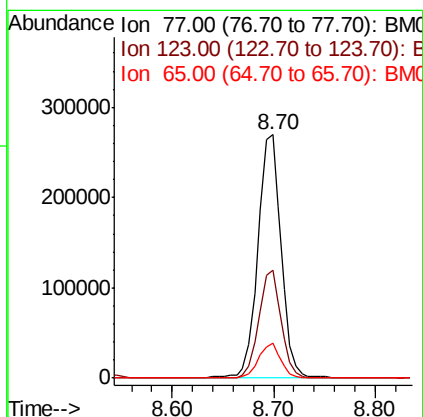
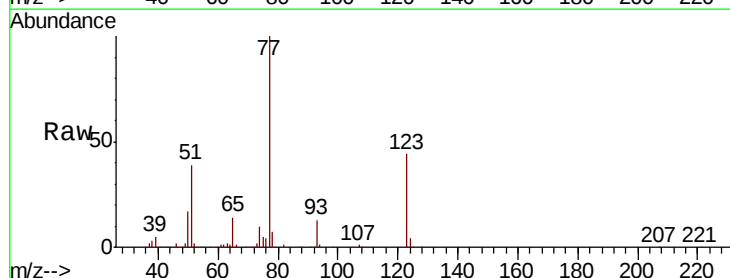
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

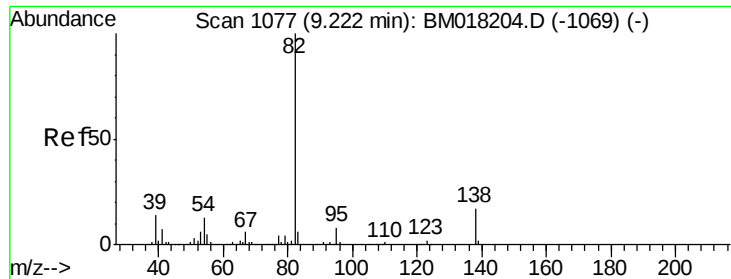
Tgt Ion: 82 Resp: 865806
Ion Ratio Lower Upper
82 100
128 40.0 33.4 50.2
54 41.5 33.4 50.2



#24
Nitrobenzene
Concen: 43.906 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion: 77 Resp: 430316
Ion Ratio Lower Upper
77 100
123 44.2 35.4 53.2
65 14.3 10.6 15.8





#25

Isophorone

Concen: 44.453 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

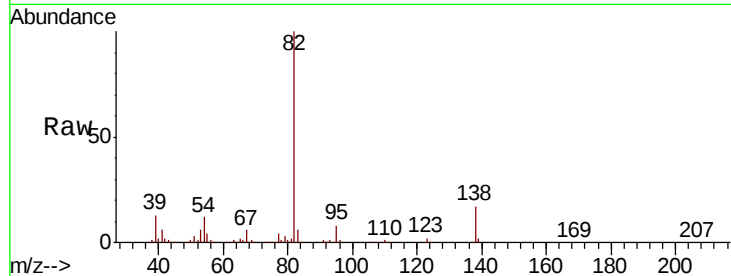
Tgt Ion: 82 Resp: 725927

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

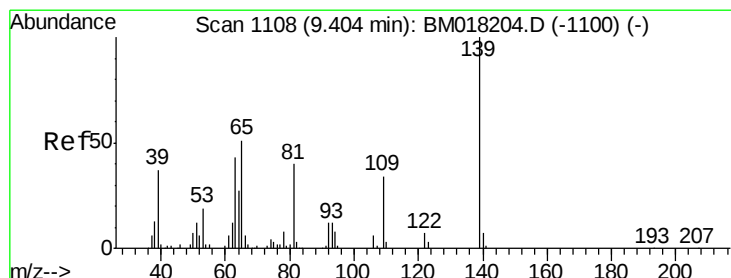
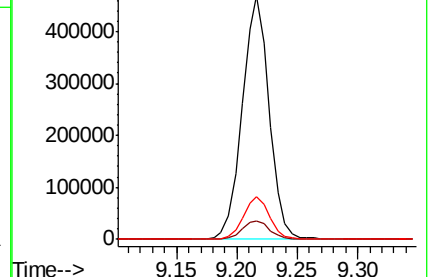
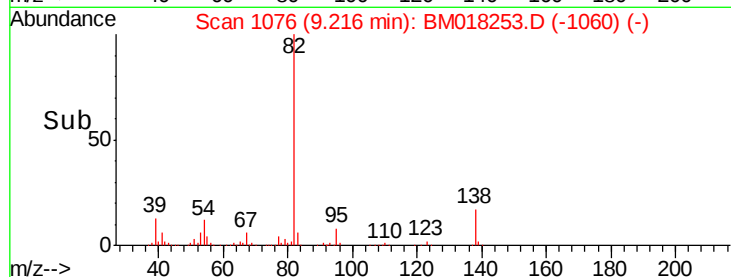
138 17.5 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)



#26

2-Nitrophenol

Concen: 41.682 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

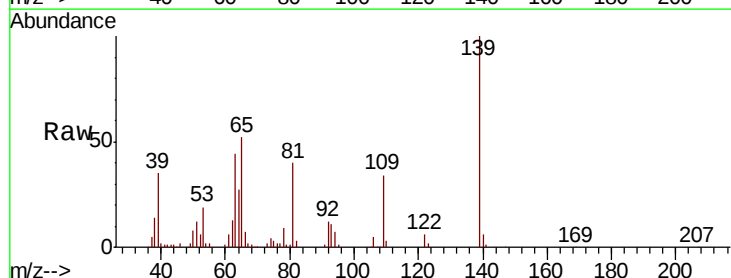
Tgt Ion: 139 Resp: 200367

Ion Ratio Lower Upper

139 100

109 34.4 27.4 41.0

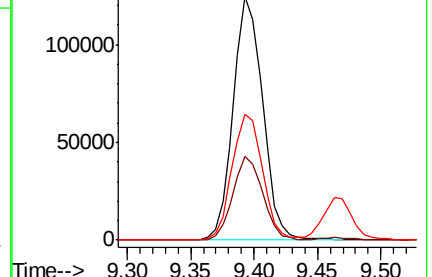
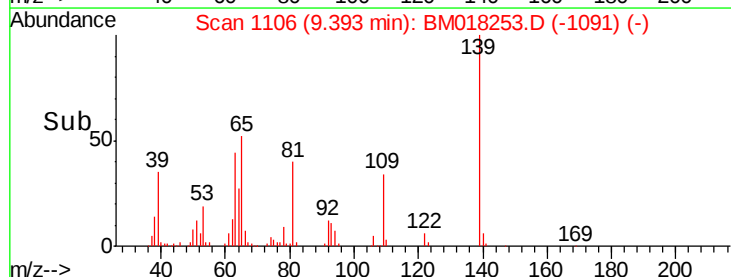
65 51.8 41.0 61.4

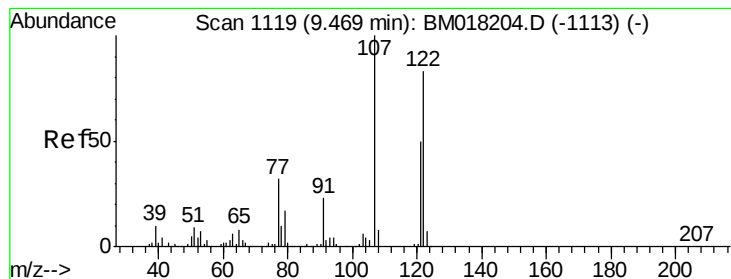


Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)





#27

2,4-Dimethylphenol

Concen: 42.322 ng

RT: 9.47 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

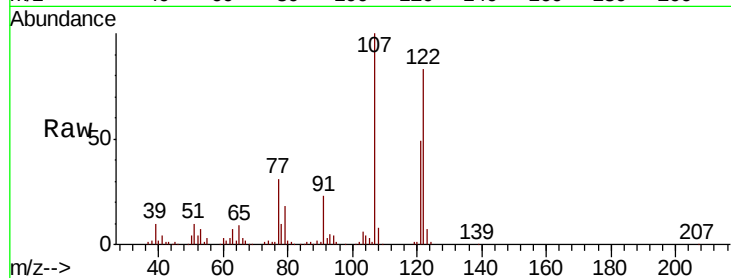
Tgt Ion:122 Resp: 293202

Ion Ratio Lower Upper

122 100

107 121.1 96.5 144.7

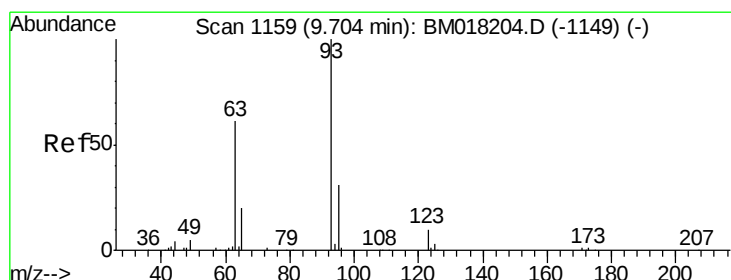
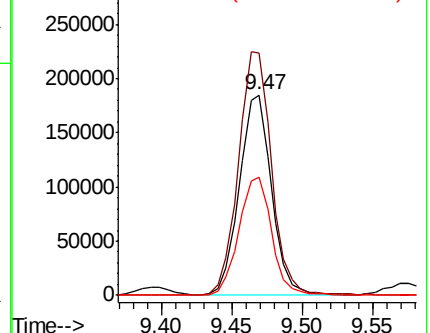
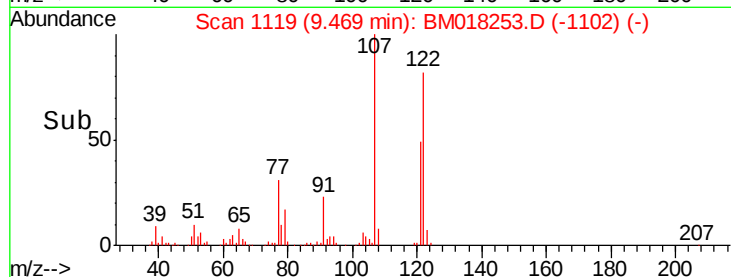
121 59.2 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.450 ng

RT: 9.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

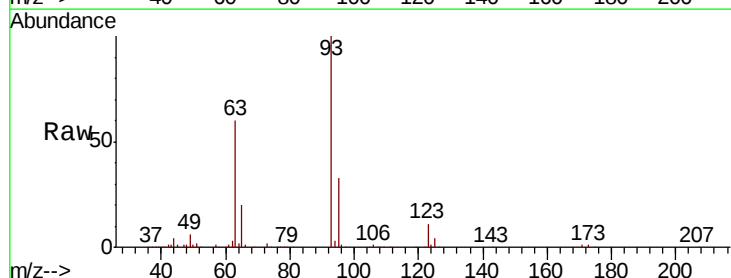
Tgt Ion: 93 Resp: 451874

Ion Ratio Lower Upper

93 100

95 32.6 25.3 37.9

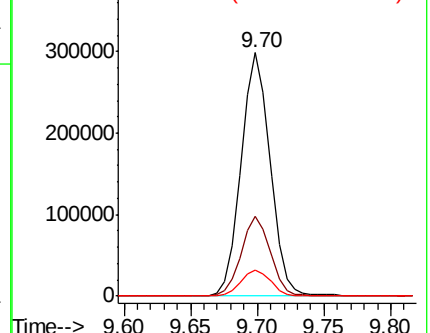
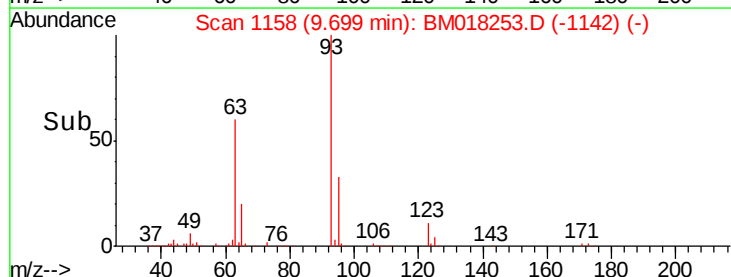
123 10.7 9.3 13.9

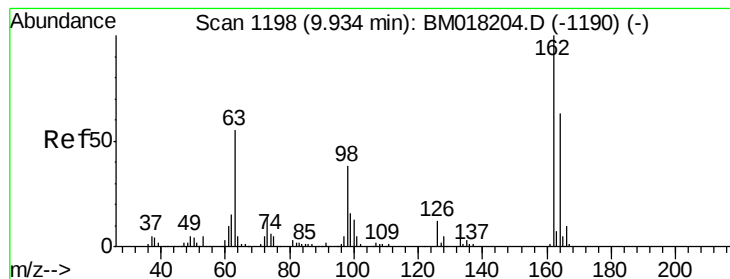


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.690 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

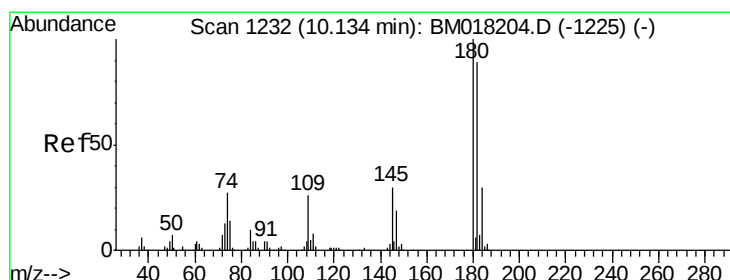
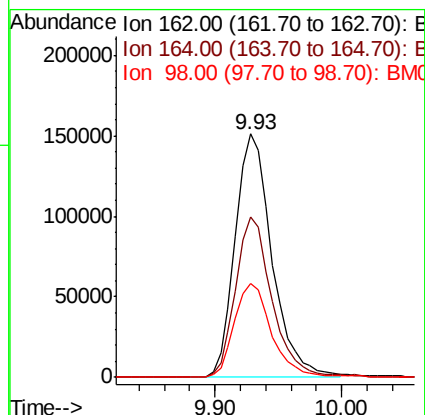
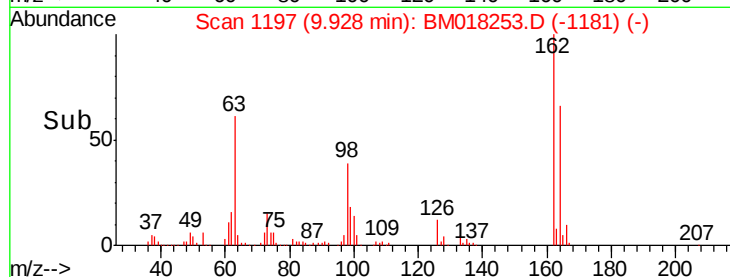
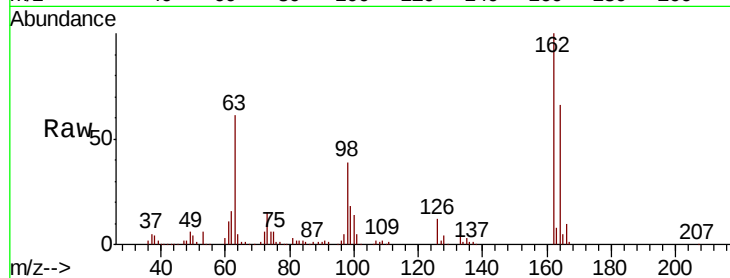
Tgt Ion:162 Resp: 304874

Ion Ratio Lower Upper

162 100

164 65.8 43.0 83.0

98 38.8 18.3 58.3



#30

1,2,4-Trichlorobenzene

Concen: 41.617 ng

RT: 10.13 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

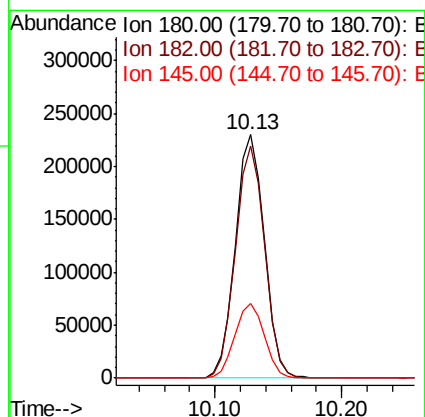
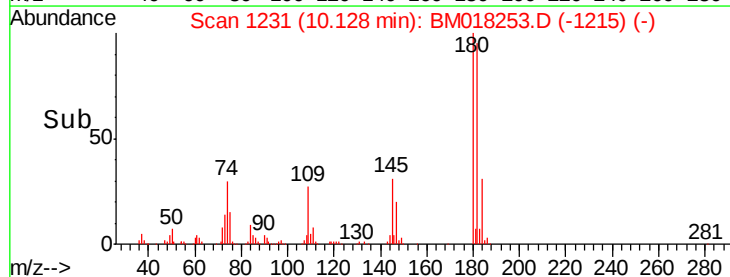
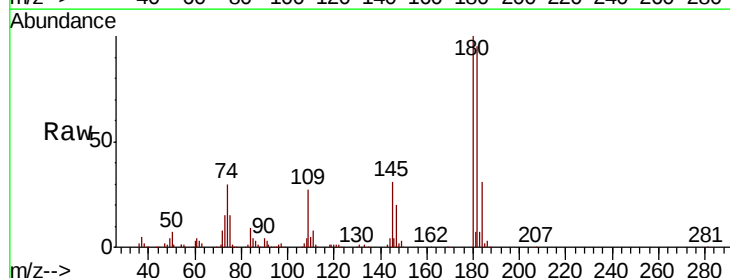
Tgt Ion:180 Resp: 363621

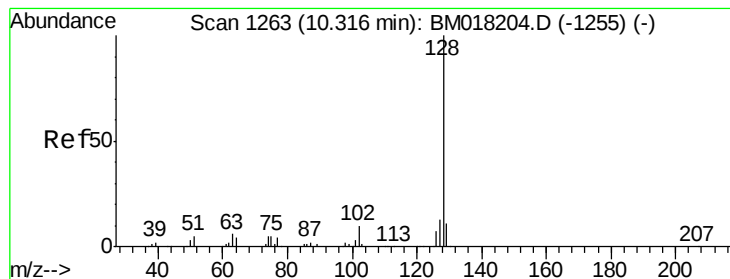
Ion Ratio Lower Upper

180 100

182 95.3 71.4 107.2

145 30.6 24.4 36.6





#31

Naphthalene

Concen: 43.830 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

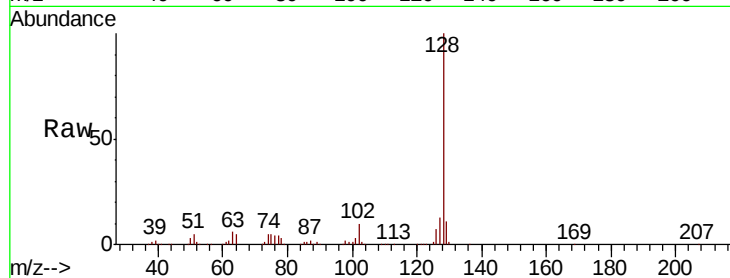
Tgt Ion:128 Resp: 1078286

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

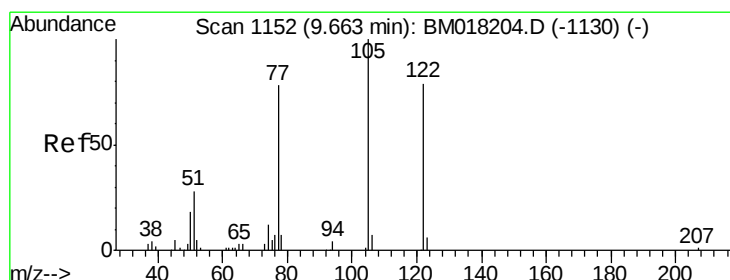
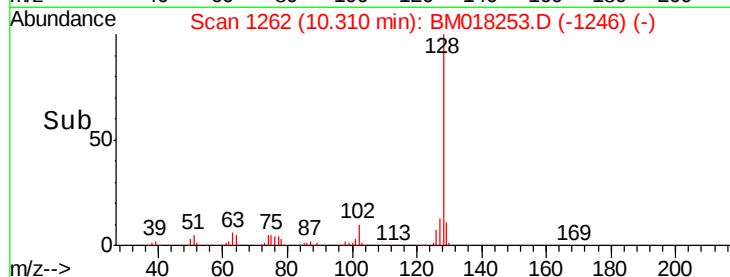
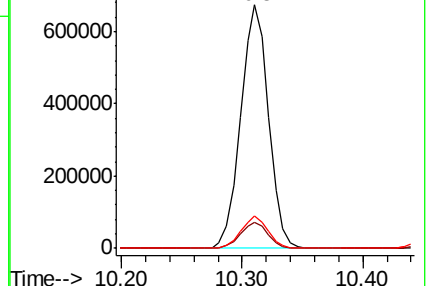
127 13.2 10.4 15.6



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: 2.607 ng

RT: 9.57 min Scan# 1136

Delta R.T. -0.09 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

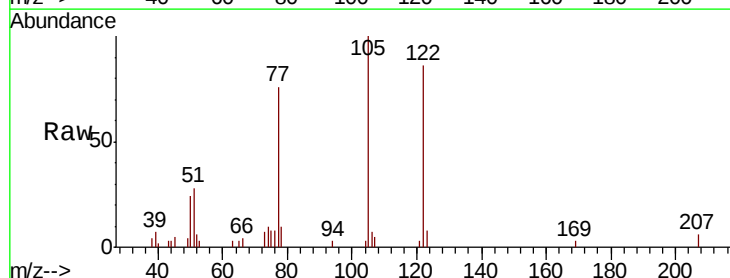
Tgt Ion:122 Resp: 17105

Ion Ratio Lower Upper

122 100

105 116.0 104.8 144.8

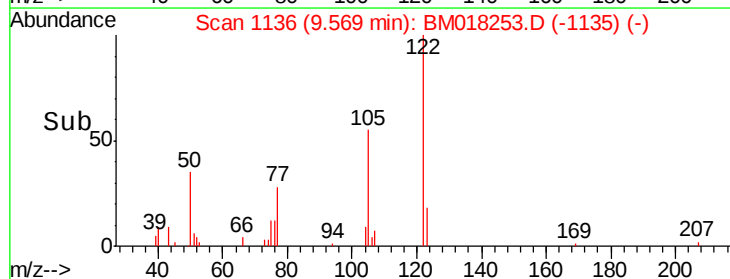
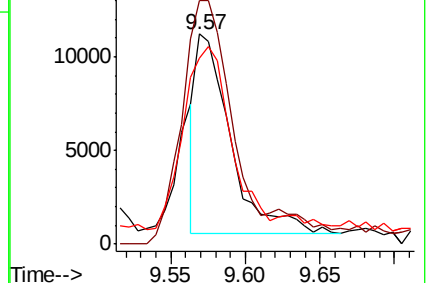
77 88.7 77.7 117.7

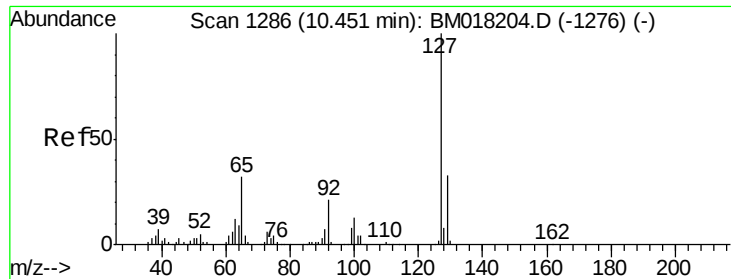


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

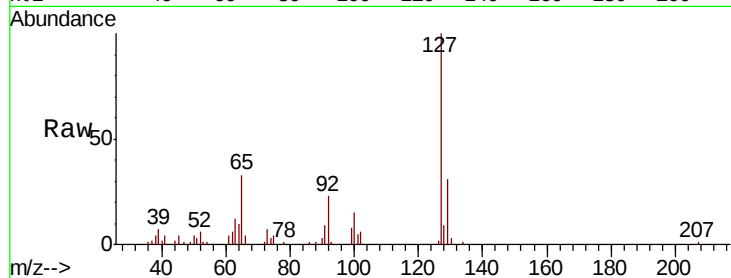




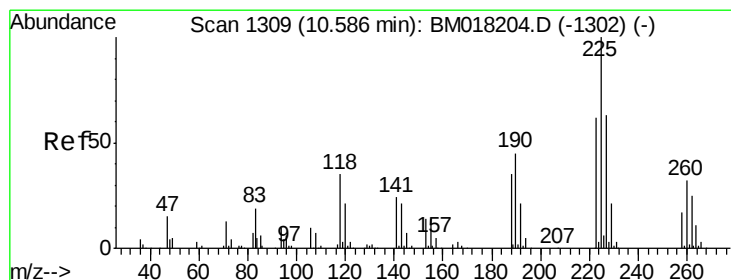
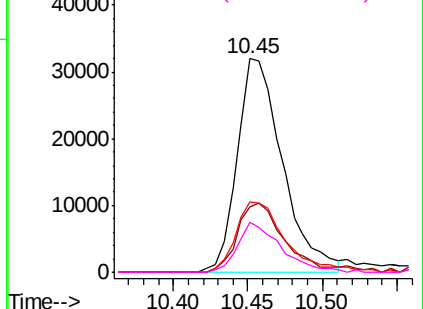
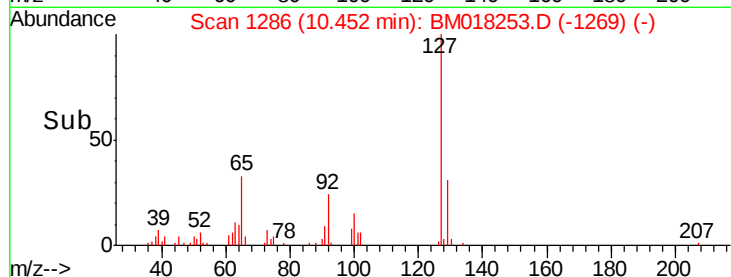
#33
4-Chloroaniline
Concen: 6.263 ng
RT: 10.45 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Instrument :
BNA_M
ClientSampleId :
SB-01AMS

Tgt Ion:	127	Resp:	67496
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.4	39.6
65	32.8	25.6	38.4
92	23.3	17.0	25.6

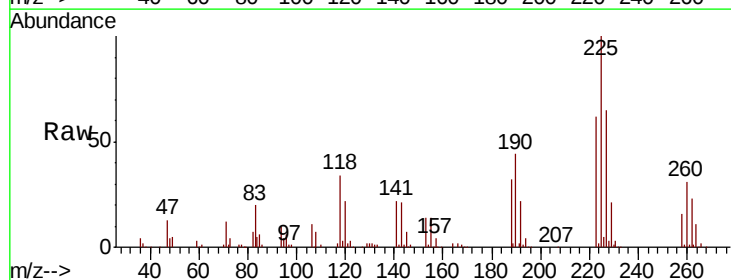


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

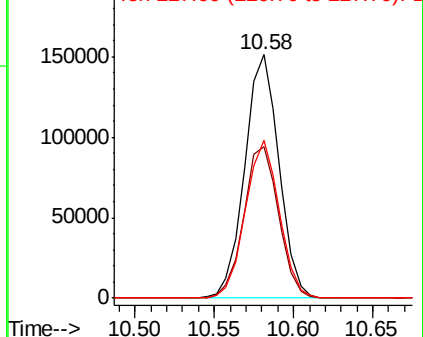
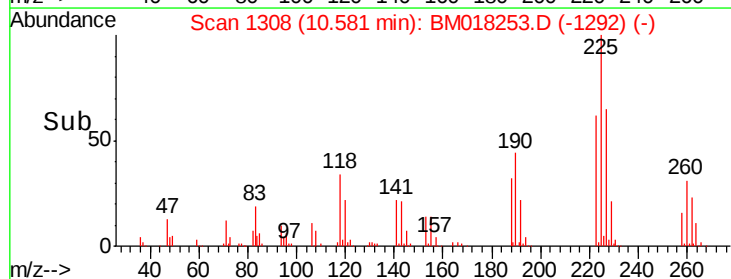


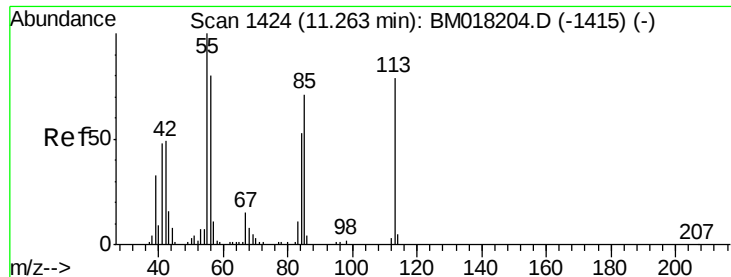
#34
Hexachlorobutadiene
Concen: 41.160 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:	225	Resp:	227450
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.7	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

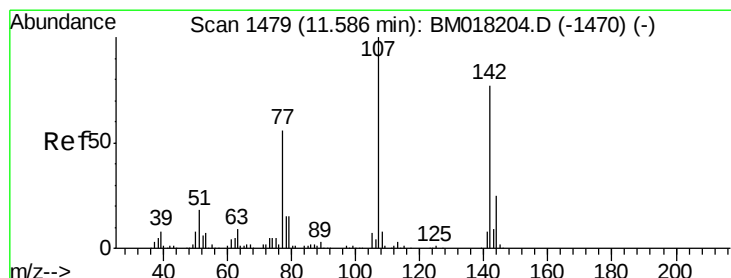
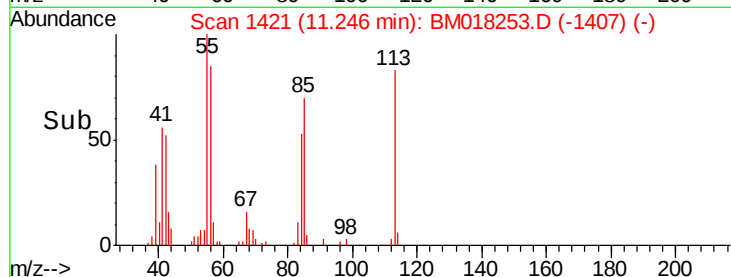
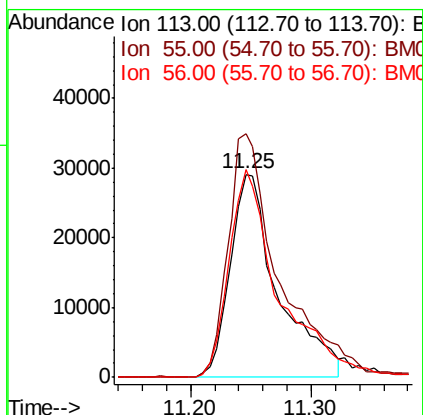
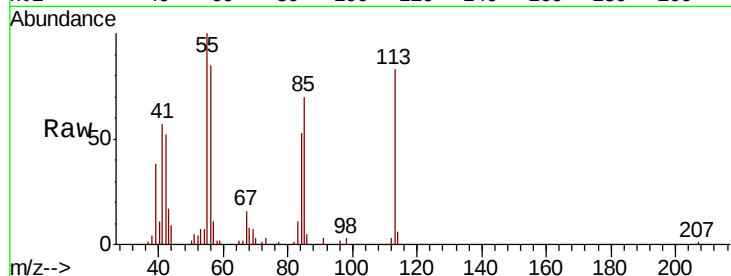




#35
 Caprolactam
 Concen: 27.487 ng
 RT: 11.25 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

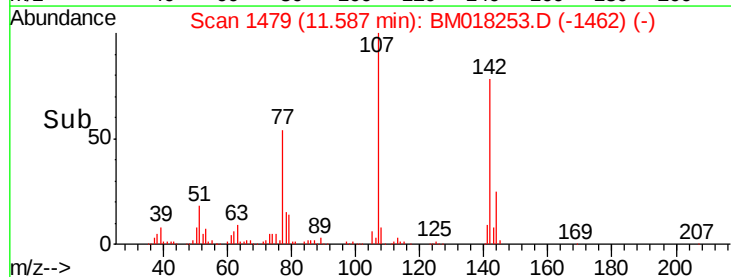
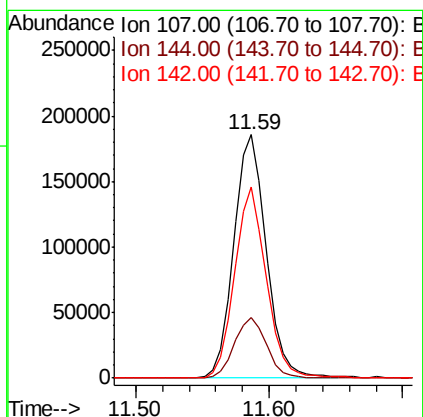
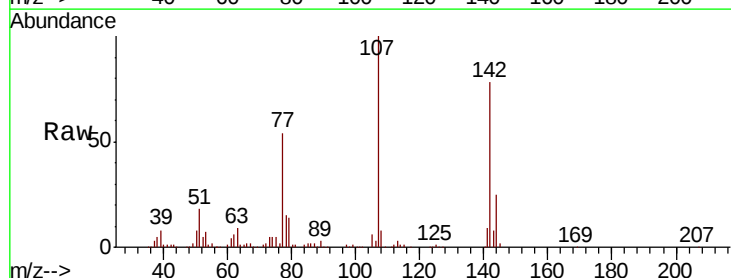
Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

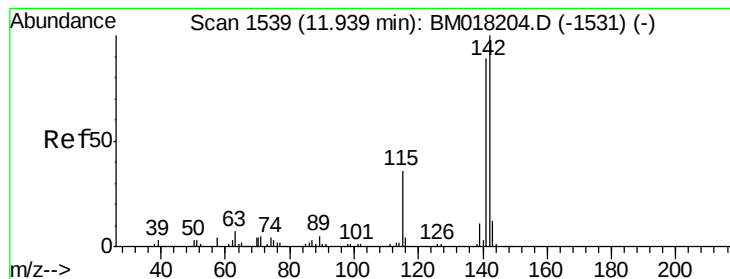
Tgt Ion:113 Resp: 80453
 Ion Ratio Lower Upper
 113 100
 55 120.1 105.9 145.9
 56 102.6 80.1 120.1



#36
 4-Chloro-3-methylphenol
 Concen: 33.942 ng
 RT: 11.59 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:107 Resp: 313277
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.1 30.1
 142 78.3 61.7 92.5





#37

2-Methylnaphthalene

Concen: 42.155 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

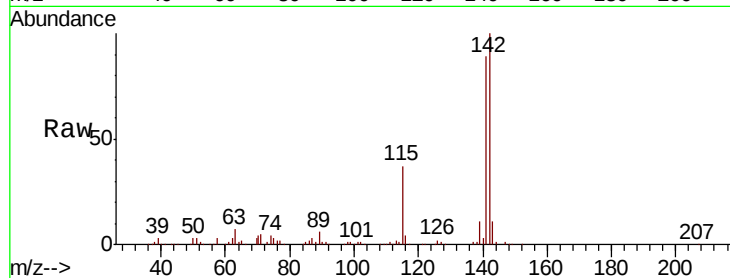
Tgt Ion:142 Resp: 731374

Ion Ratio Lower Upper

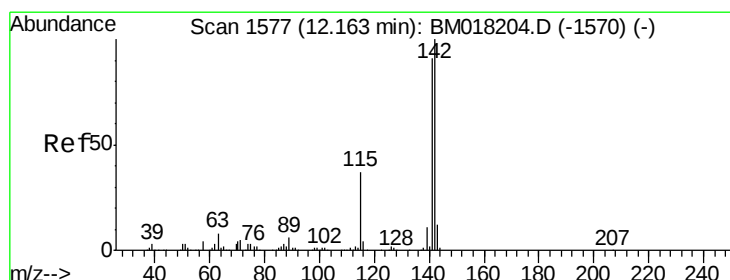
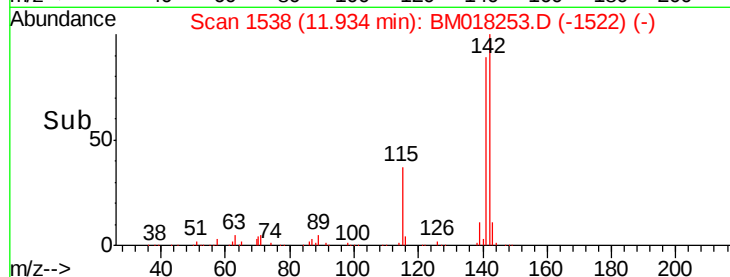
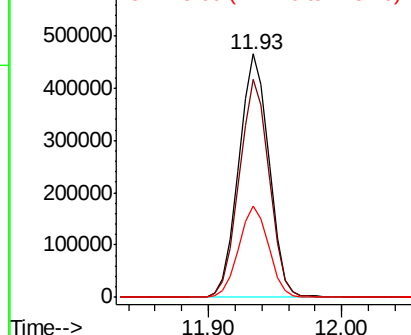
142 100

141 89.5 71.4 107.2

115 37.2 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.687 ng

RT: 12.16 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

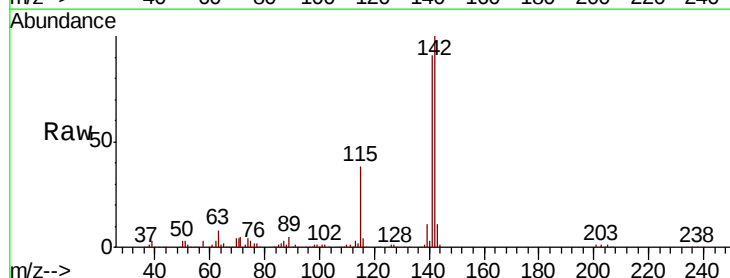
Tgt Ion:142 Resp: 688812

Ion Ratio Lower Upper

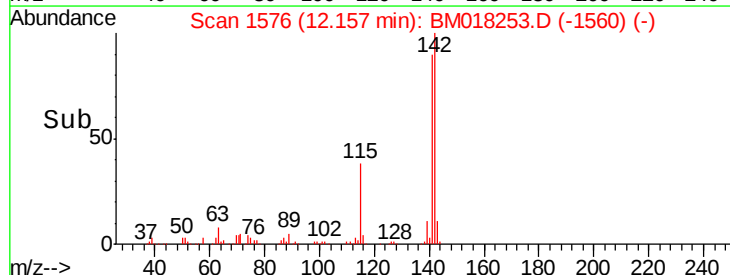
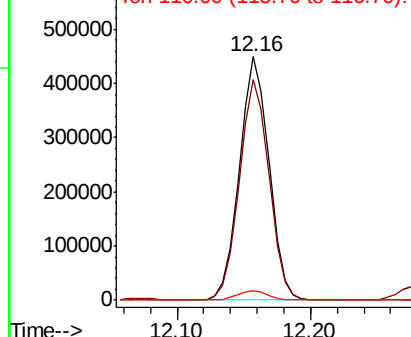
142 100

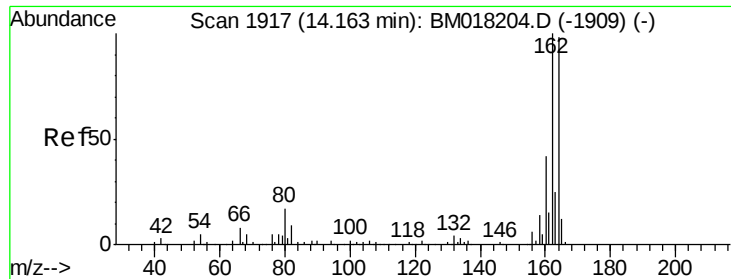
141 90.8 73.0 109.4

116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

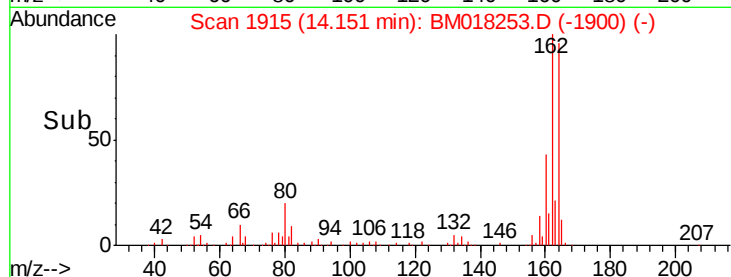
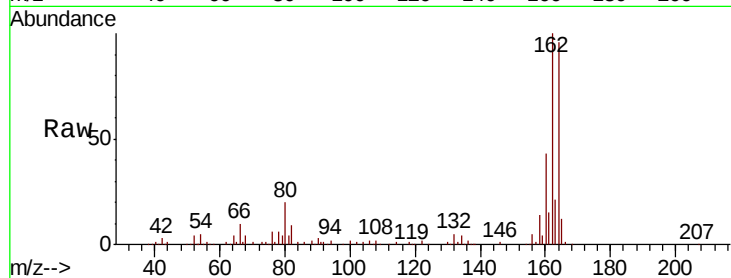
Tgt Ion:164 Resp: 219673

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.6

160 44.9 34.6 51.8

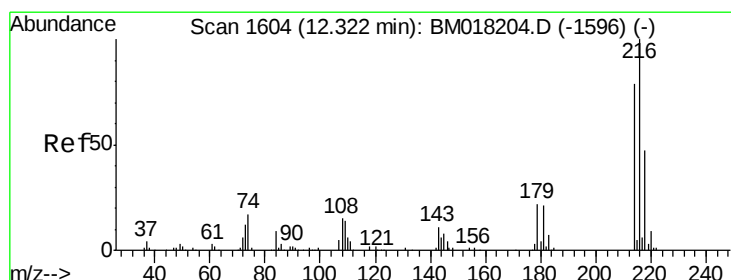
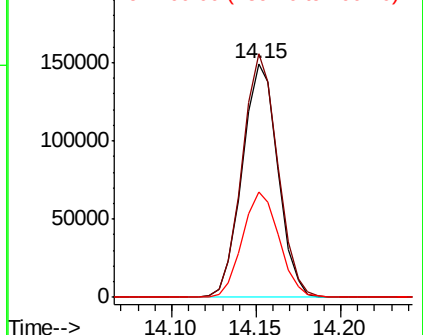


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.944 ng

RT: 12.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Tgt Ion:216 Resp: 362168

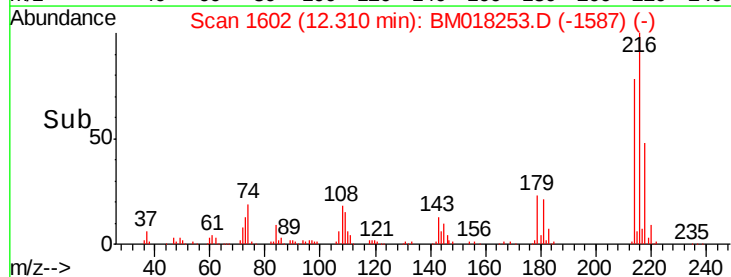
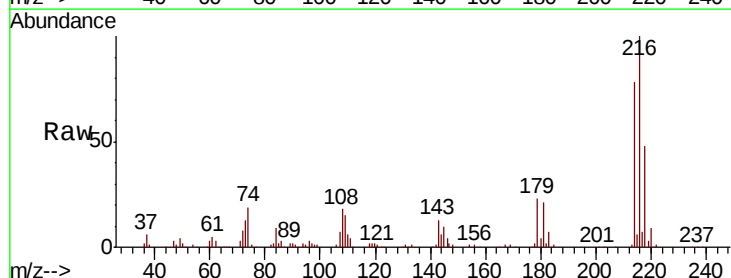
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.0

179 21.7 17.2 25.8

108 20.4 14.6 21.8



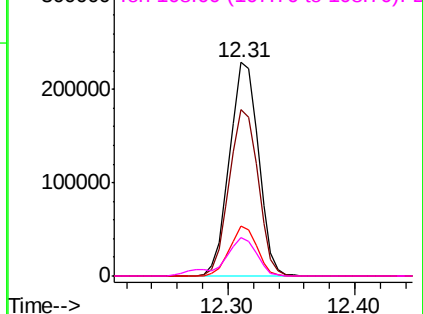
Abundance

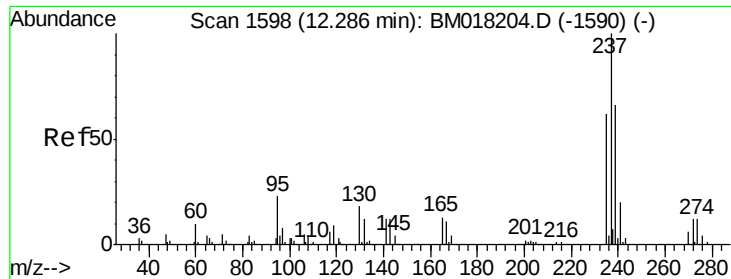
Ion 216.00 (215.70 to 216.70): E

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: 87.398 ng

RT: 12.27 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

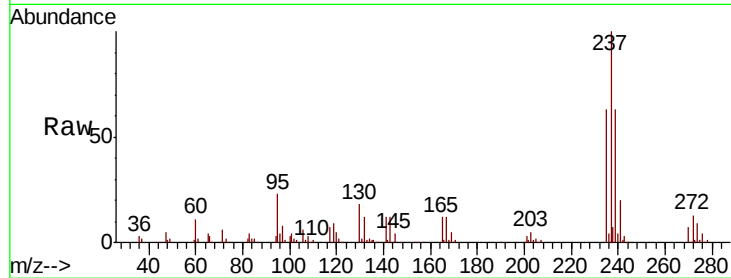
Tgt Ion: 237 Resp: 291864

Ion Ratio Lower Upper

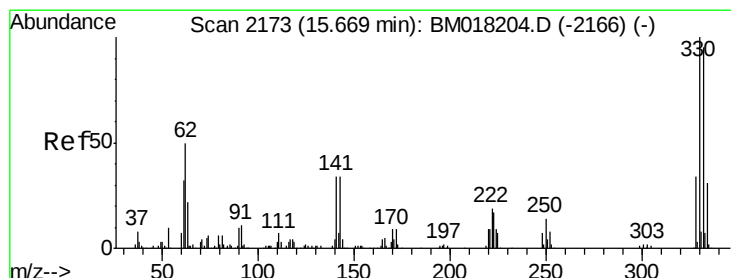
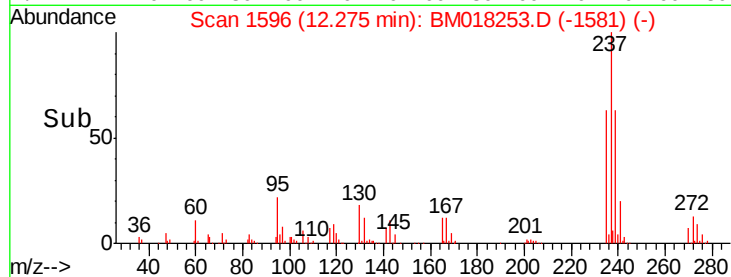
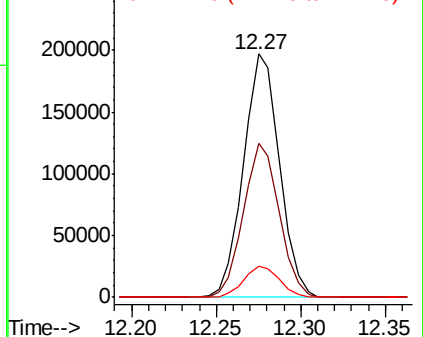
237 100

235 63.2 42.1 82.1

272 12.6 0.0 32.1



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: 103.374 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

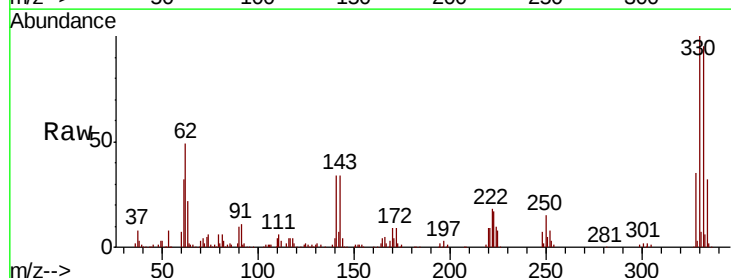
Tgt Ion: 330 Resp: 333297

Ion Ratio Lower Upper

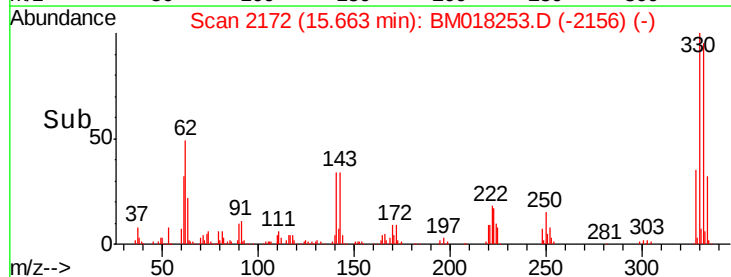
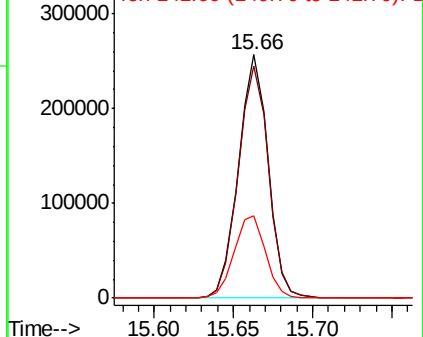
330 100

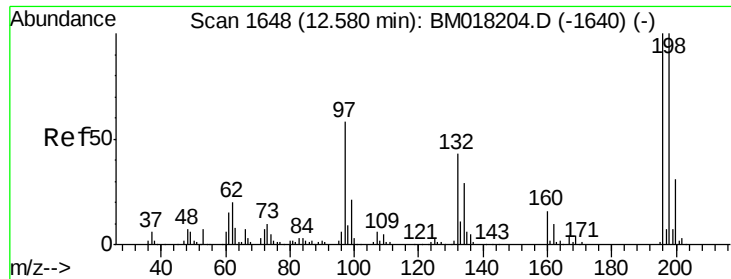
332 97.9 78.6 118.0

141 36.0 27.1 40.7



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

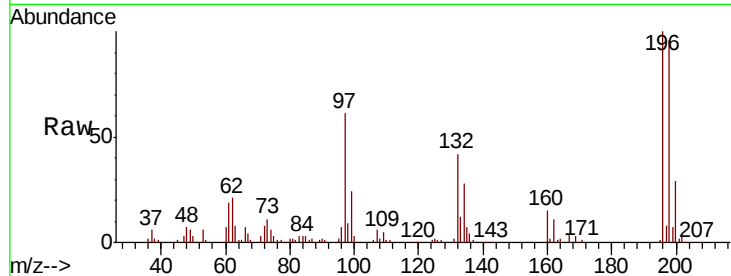




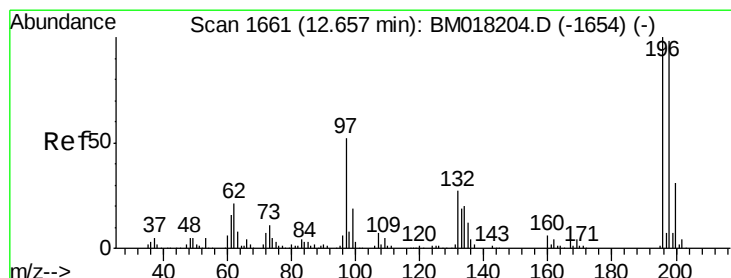
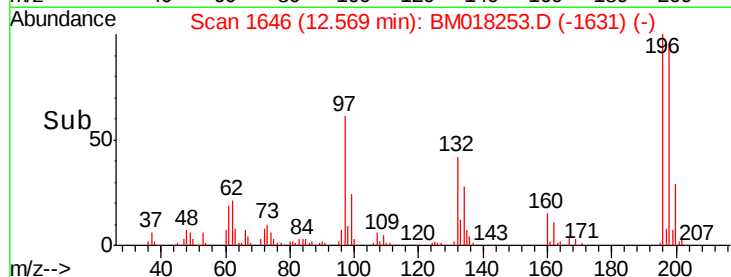
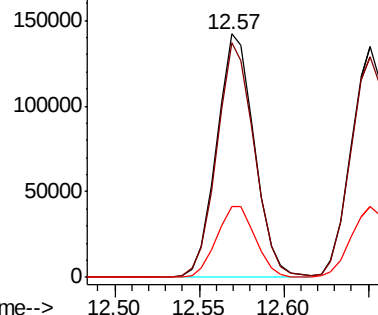
#43
 2,4,6-Trichlorophenol
 Concen: 45.409 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion:196 Resp: 220624
 Ion Ratio Lower Upper
 196 100
 198 96.4 80.1 120.1
 200 29.2 24.9 37.3

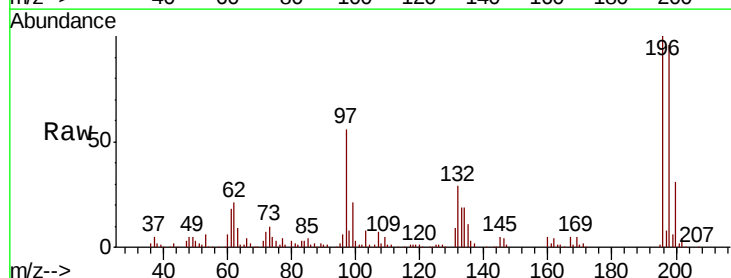


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

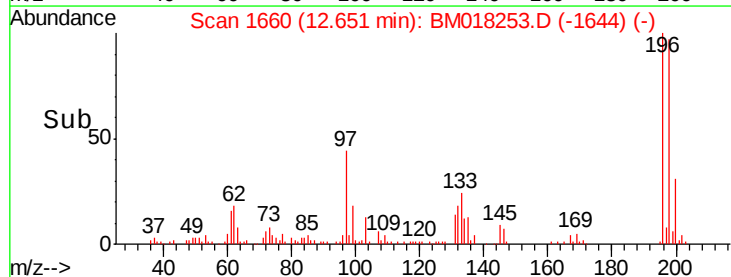
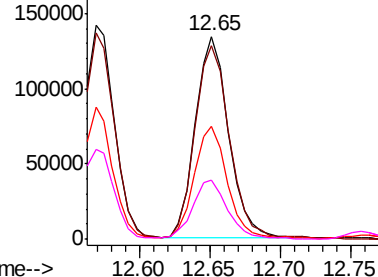


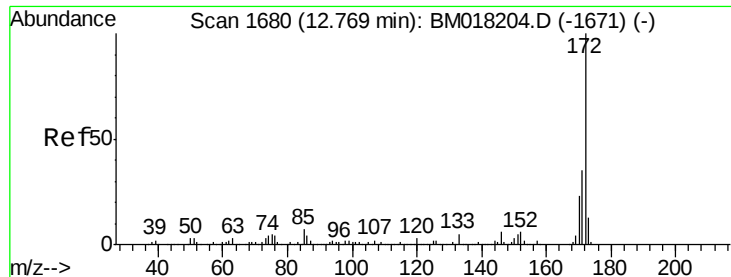
#44
 2,4,5-Trichlorophenol
 Concen: 42.752 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:196 Resp: 220511
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.5 117.7
 97 55.7 41.9 62.9
 132 28.8 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

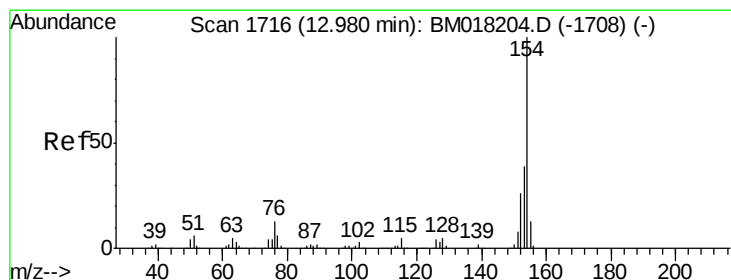
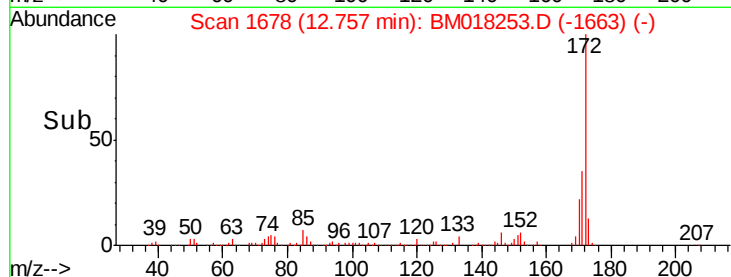
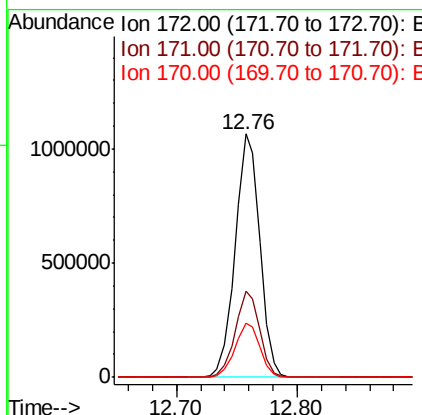
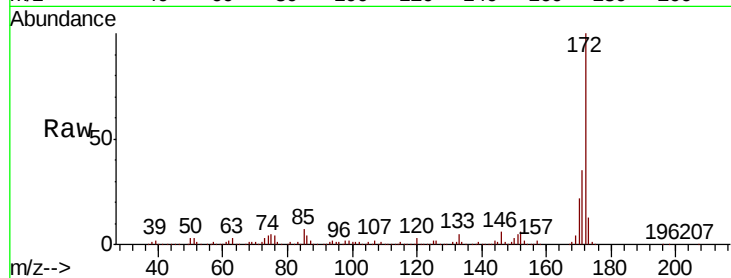




#45
 2-Fluorobiphenyl
 Concen: 89.358 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

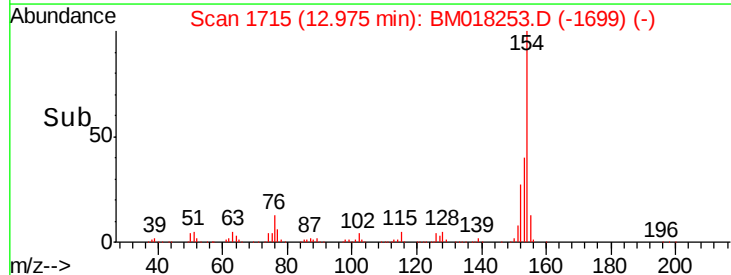
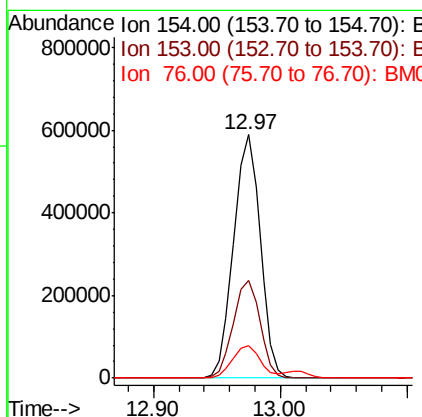
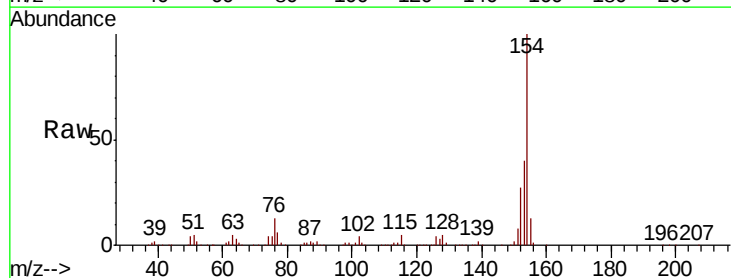
Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

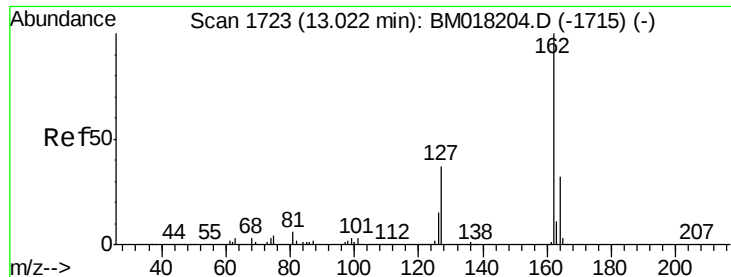
Tgt Ion:172 Resp: 1515519
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.4 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 43.422 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:154 Resp: 858123
 Ion Ratio Lower Upper
 154 100
 153 39.9 19.5 59.5
 76 13.3 0.0 33.1

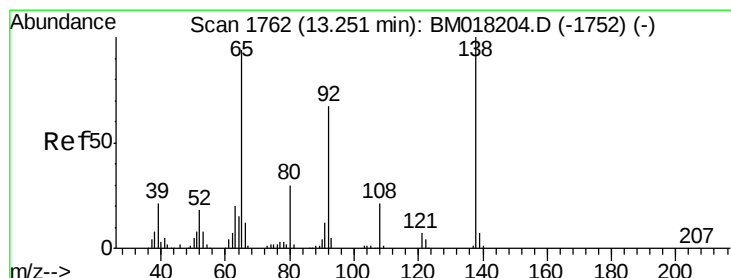
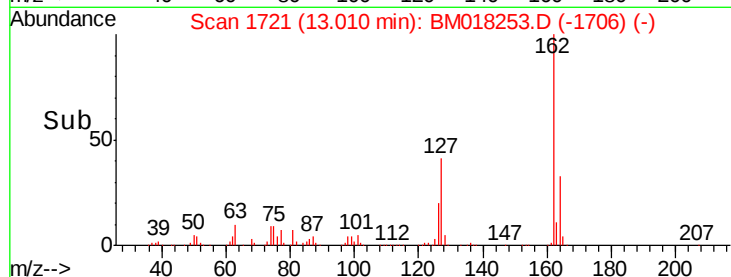
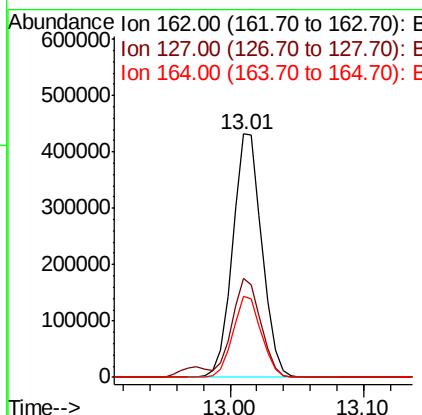
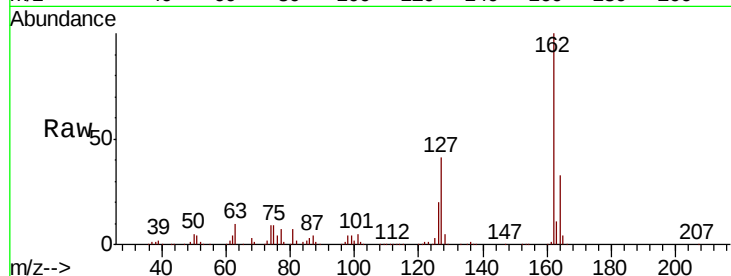




#47
2-Chloronaphthalene
Concen: 45.131 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

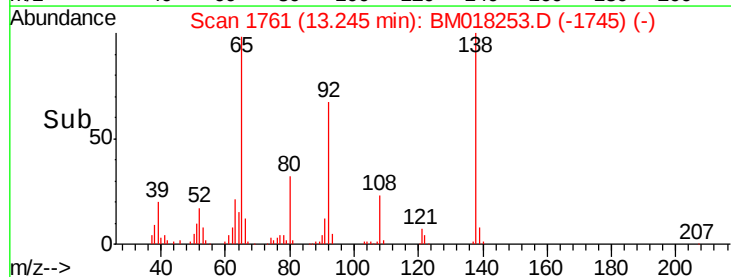
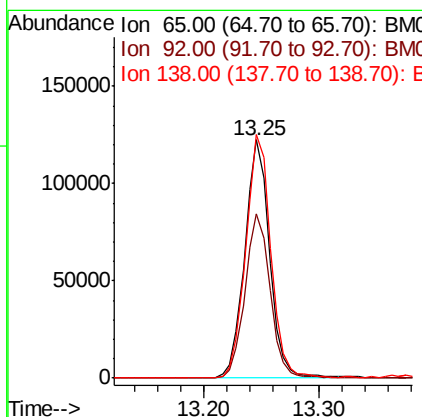
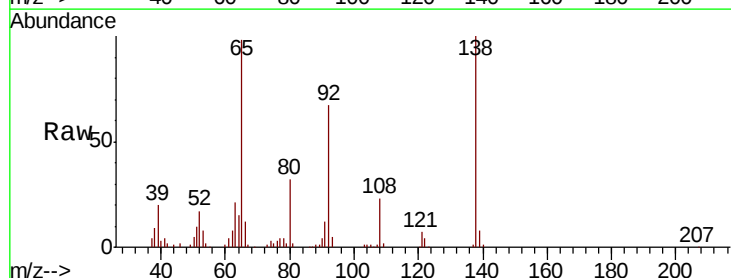
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

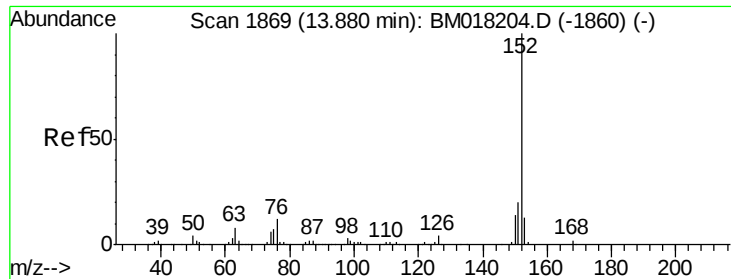
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.8	47.8
164	33.1	25.9	38.9



#48
2-Nitroaniline
Concen: 40.924 ng
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	56.8	85.2
138	102.1	85.1	127.7





#49

Acenaphthylene

Concen: 45.704 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

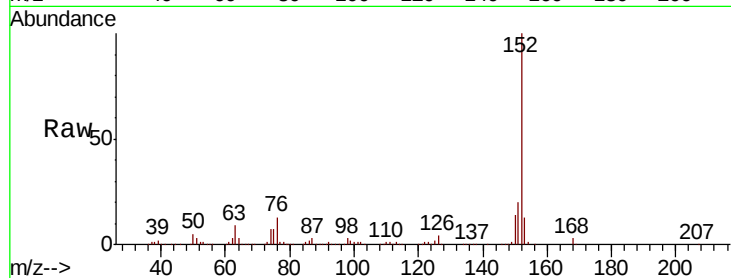
Tgt Ion:152 Resp: 1001828

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

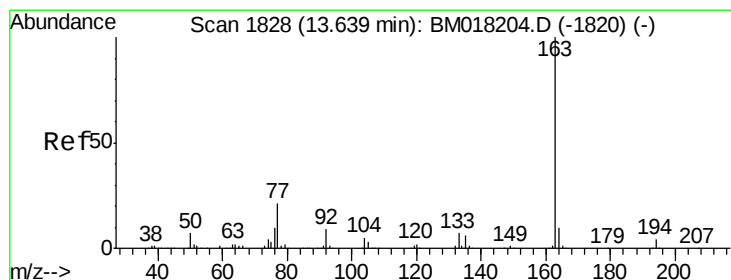
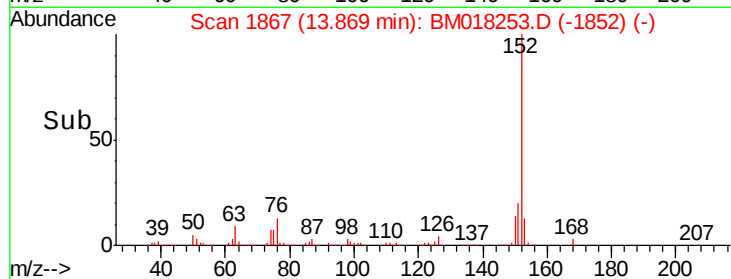
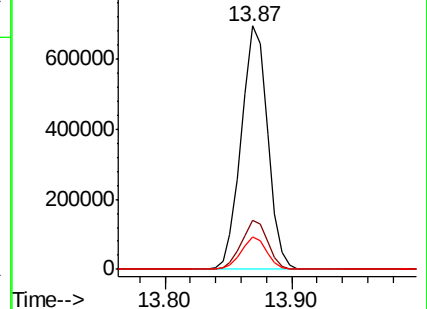
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.418 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

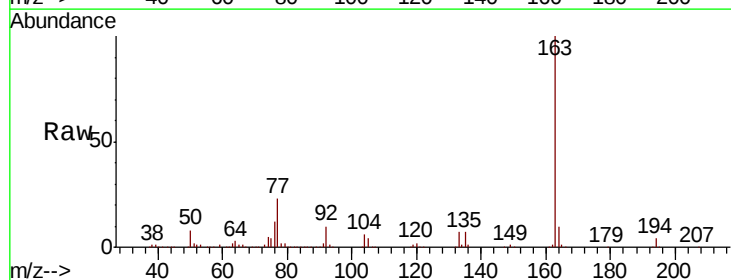
Tgt Ion:163 Resp: 847725

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

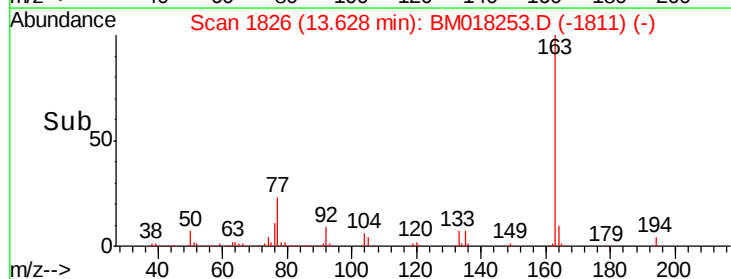
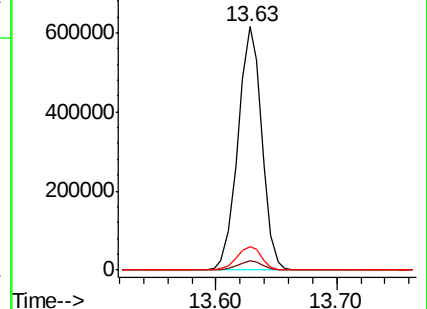
164 9.8 7.9 11.9

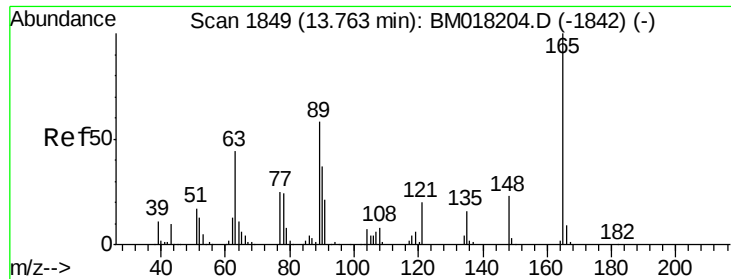


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.345 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

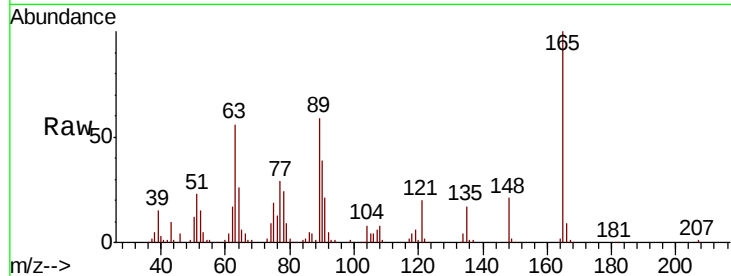
Tgt Ion:165 Resp: 161977

Ion Ratio Lower Upper

165 100

63 56.1 46.6 69.8

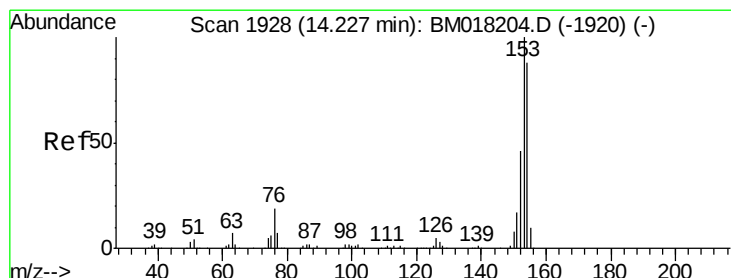
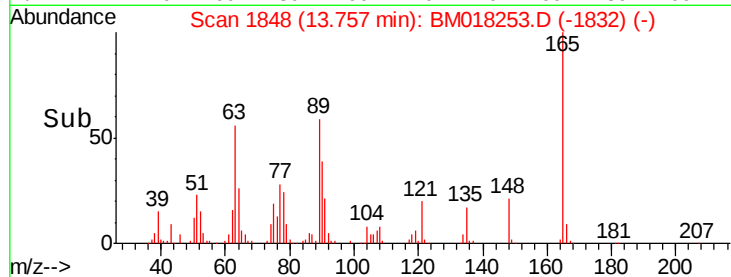
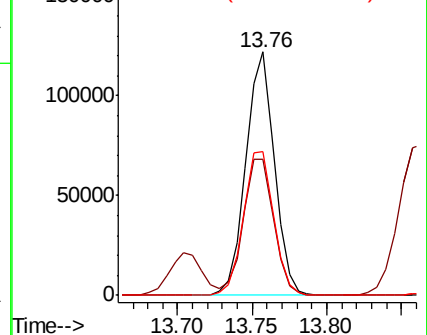
89 59.0 46.3 69.5



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



#52

Acenaphthene

Concen: 42.928 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

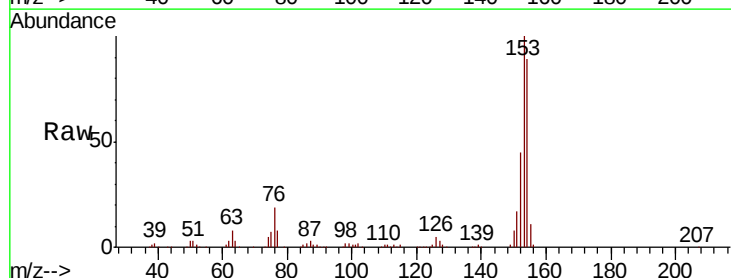
Tgt Ion:154 Resp: 575056

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

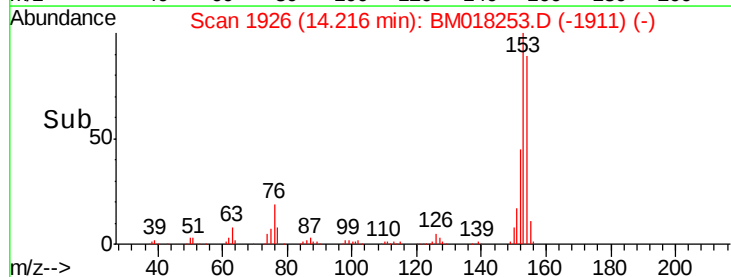
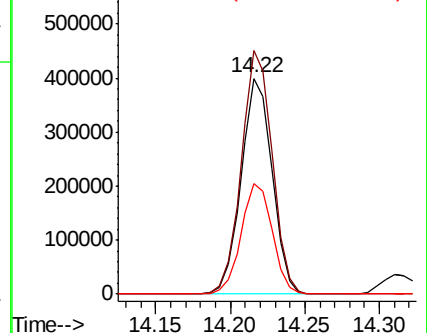
152 51.1 41.2 61.8

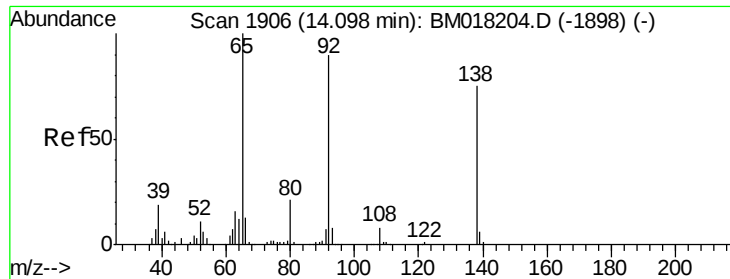


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

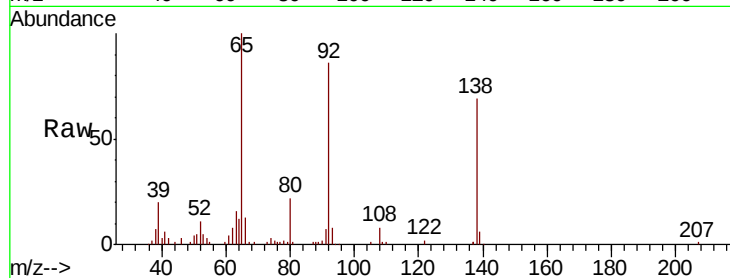




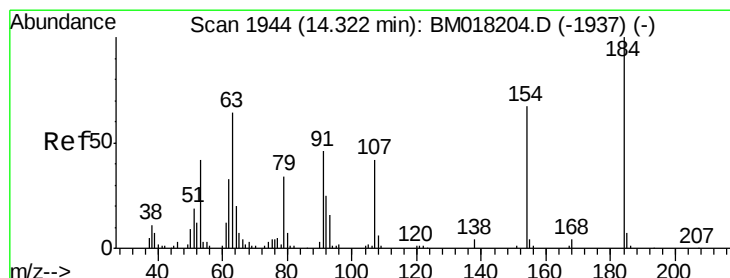
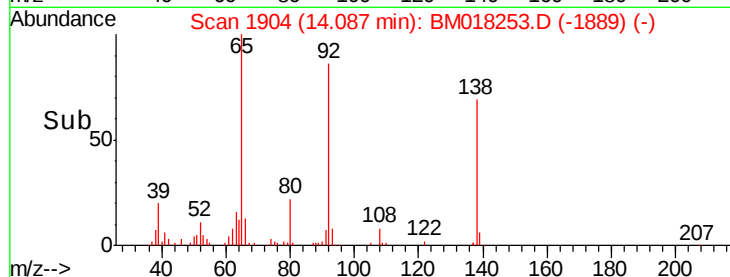
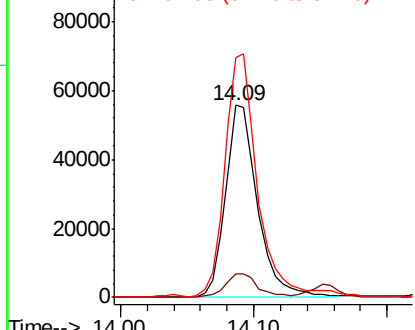
#53
 3-Nitroaniline
 Concen: 22.235 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion:138 Resp: 93944
 Ion Ratio Lower Upper
 138 100
 108 12.2 8.4 12.6
 92 124.8 94.9 142.3

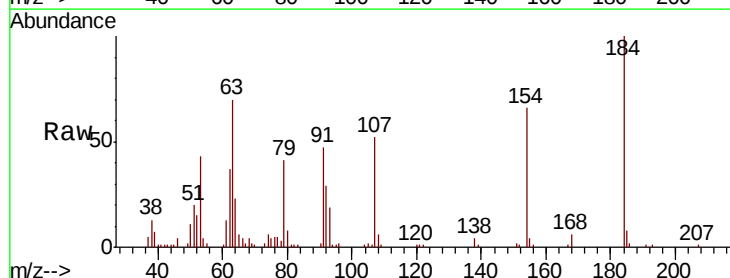


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

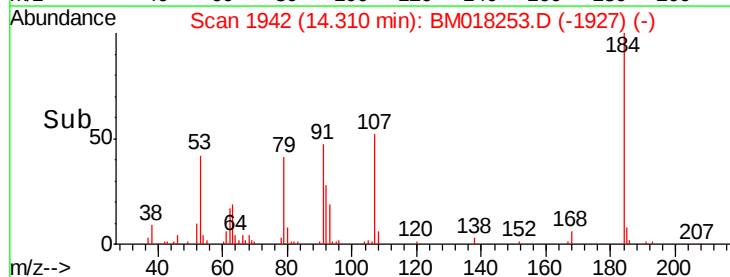
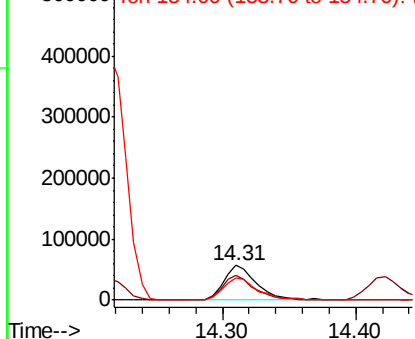


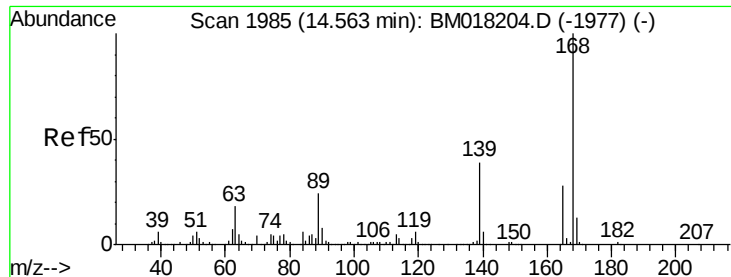
#54
 2,4-Dinitrophenol
 Concen: 43.694 ng
 RT: 14.31 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:184 Resp: 96769
 Ion Ratio Lower Upper
 184 100
 63 69.7 51.6 77.4
 154 65.7 54.0 81.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

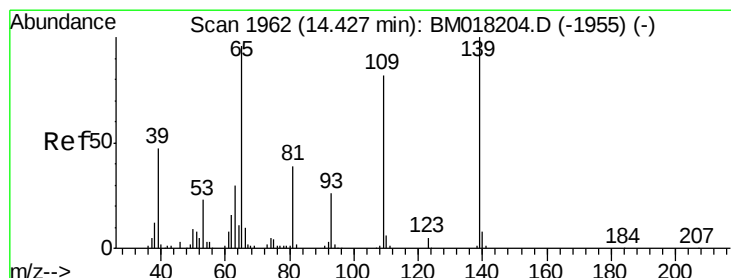
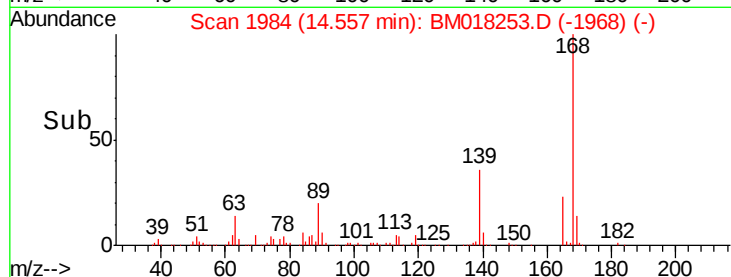
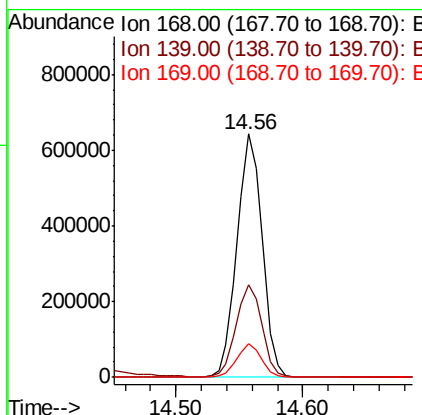
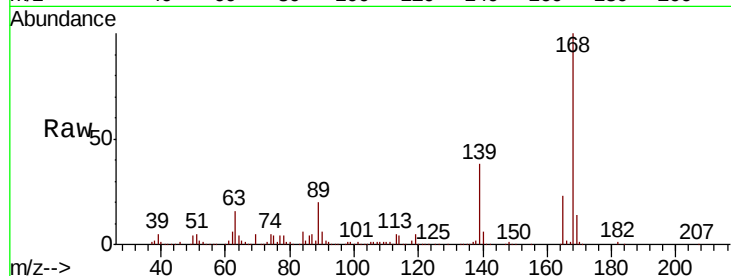




#55
Dibenzenofuran
Concen: 40.963 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

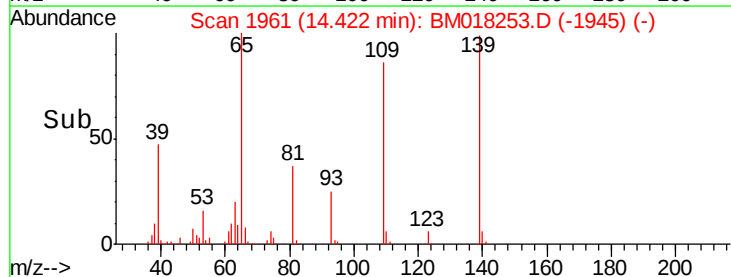
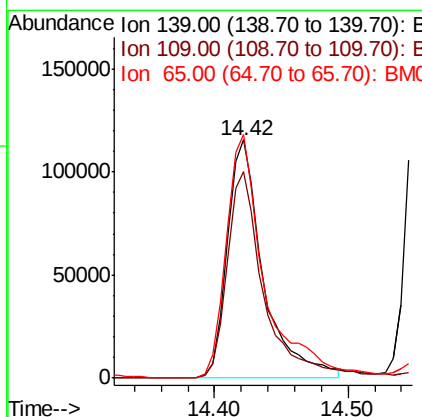
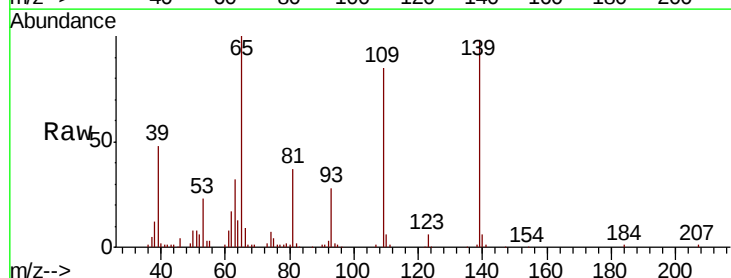
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

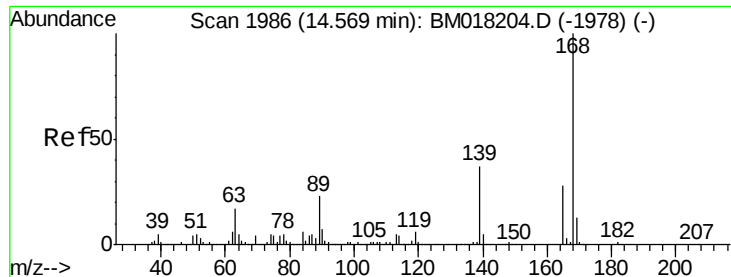
Tgt Ion:168 Resp: 881729
Ion Ratio Lower Upper
168 100
139 38.0 31.2 46.8
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 68.109 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:139 Resp: 218173
Ion Ratio Lower Upper
139 100
109 86.7 62.3 102.3
65 102.2 76.4 116.4

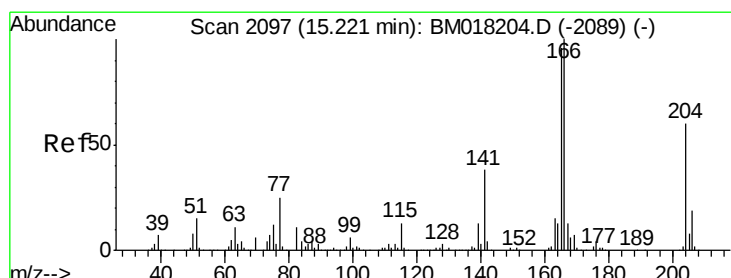
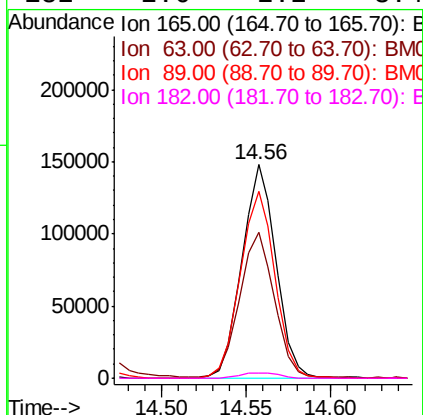
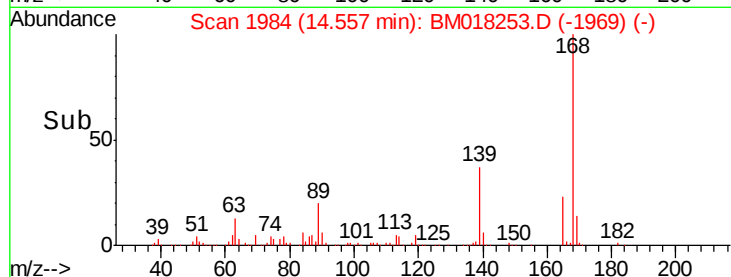
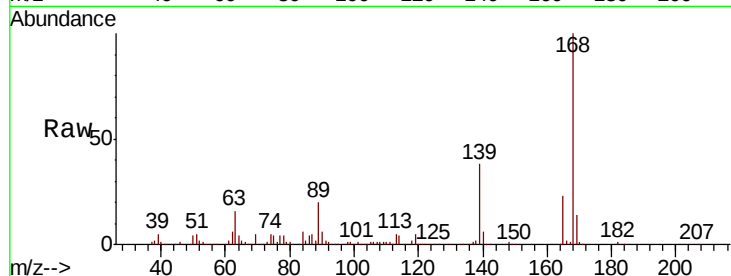




#57
2,4-Dinitrotoluene
Concen: 37.507 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

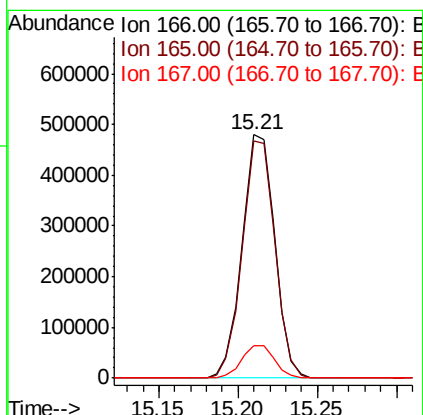
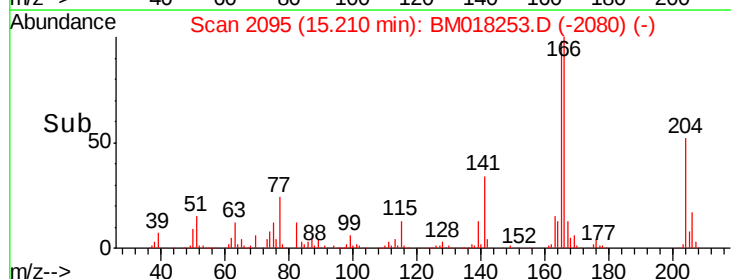
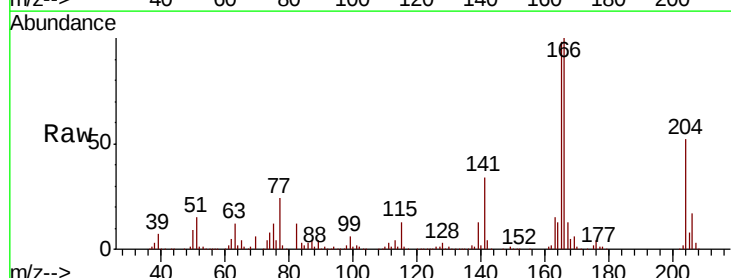
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

Tgt Ion:165 Resp: 208140
Ion Ratio Lower Upper
165 100
63 68.3 47.2 70.8
89 87.8 65.8 98.8
182 2.6 2.2 3.4



#58
Fluorene
Concen: 41.311 ng
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:166 Resp: 686788
Ion Ratio Lower Upper
166 100
165 97.7 76.9 115.3
167 13.3 10.5 15.7

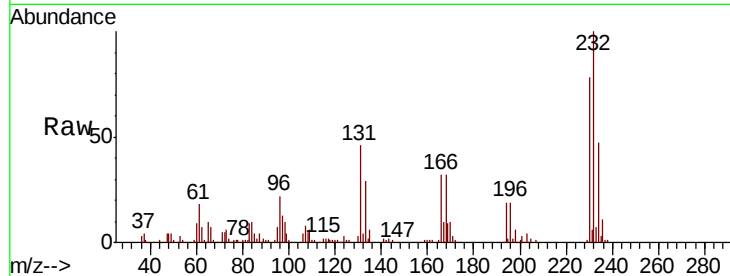




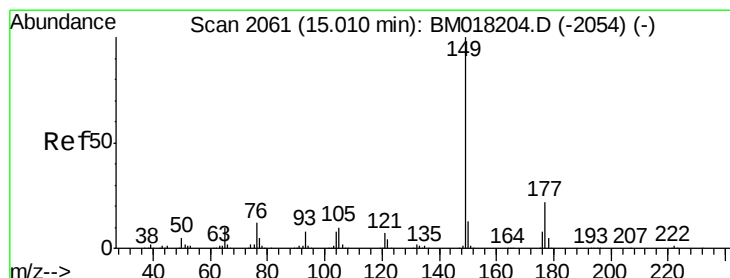
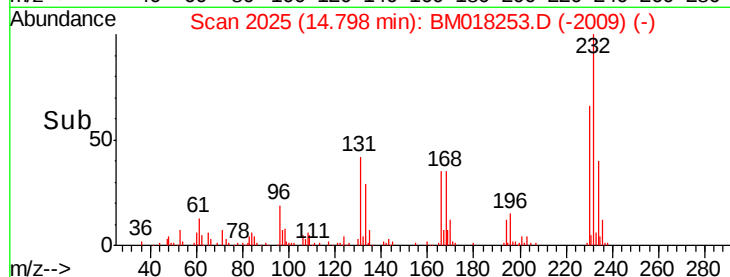
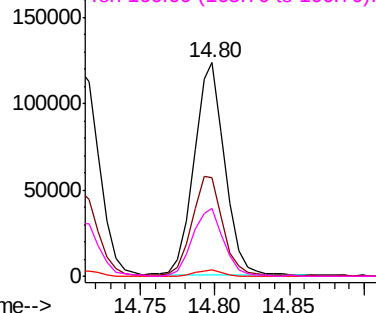
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.214 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion:	232	Resp:	177514
Ion	Ratio	Lower	Upper
232	100		
131	48.0	36.2	54.2
130	2.6	1.8	2.6
166	32.6	24.8	37.2

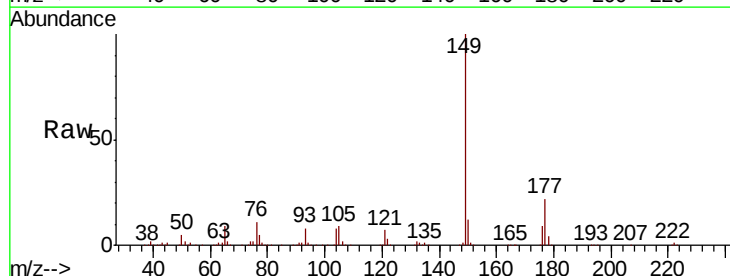


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

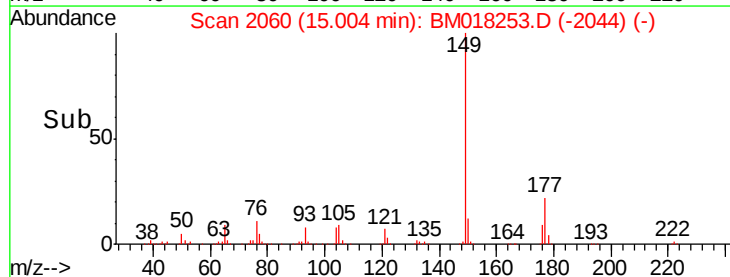
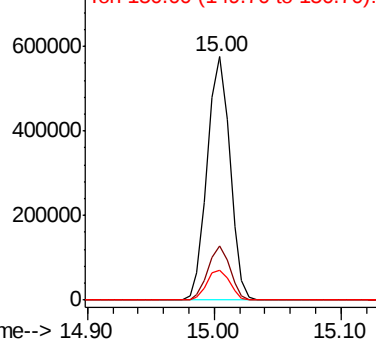


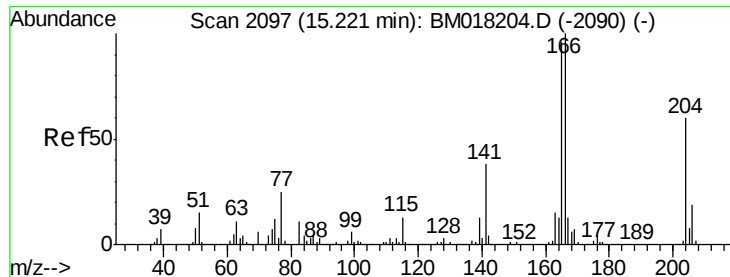
#60
 Diethylphthalate
 Concen: 36.255 ng
 RT: 15.00 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:	149	Resp:	714553
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.5	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

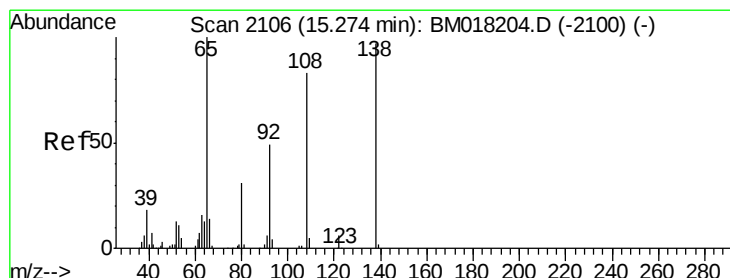
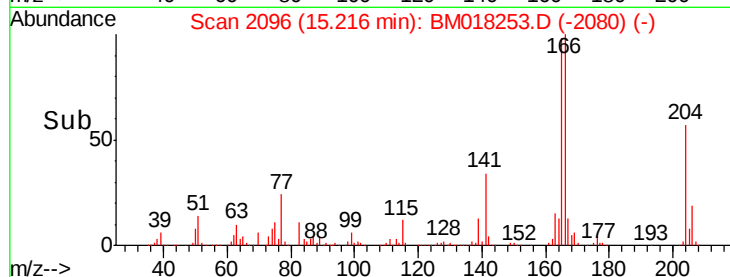
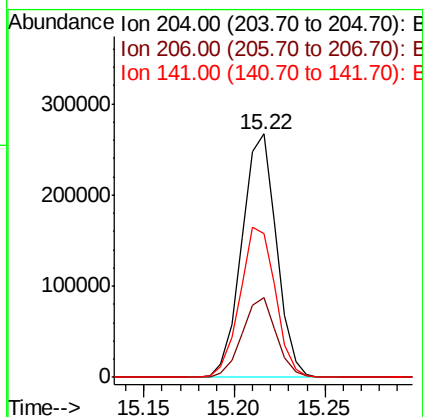
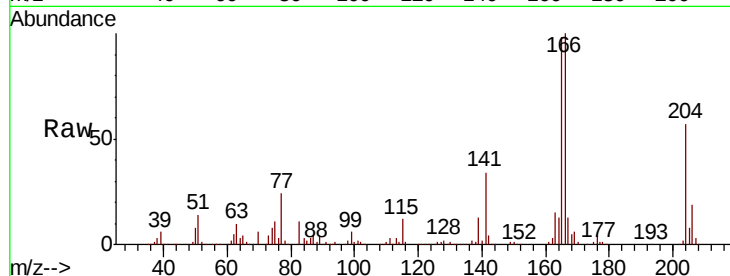




#61
4-Chlorophenyl-phenylether
Concen: 37.692 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

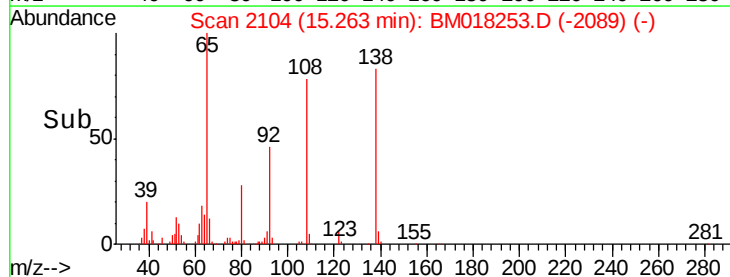
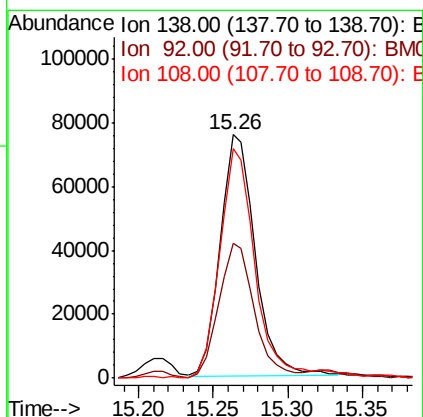
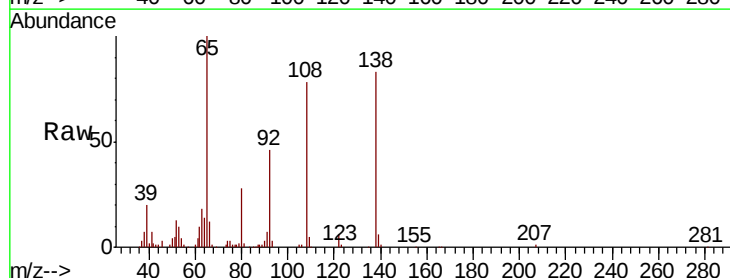
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

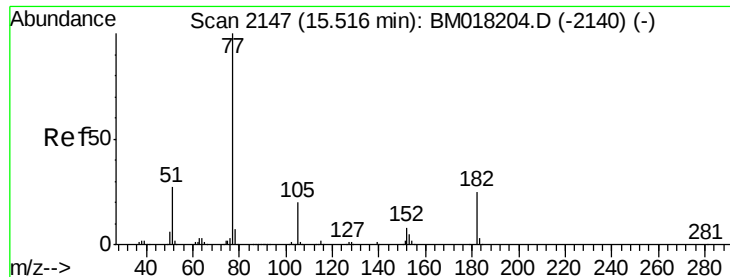
Tgt Ion:204 Resp: 354392
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 59.3 50.2 75.4



#62
4-Nitroaniline
Concen: 31.139 ng
RT: 15.26 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:138 Resp: 124835
Ion Ratio Lower Upper
138 100
92 55.5 31.1 71.1
108 94.1 65.0 105.0





#63

Azobenzene

Concen: 39.062 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

Tgt Ion: 77 Resp: 701987

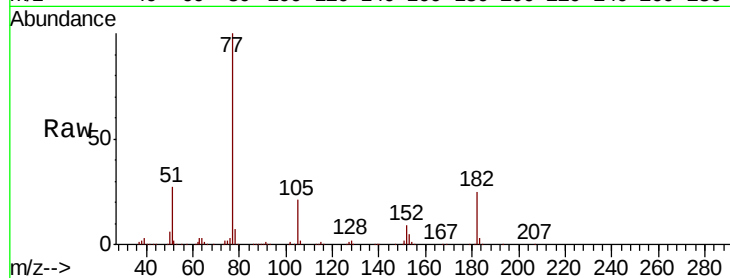
Ion Ratio Lower Upper

77 100

182 25.3 4.6 44.6

105 20.8 0.2 40.2

51 26.9 7.0 47.0

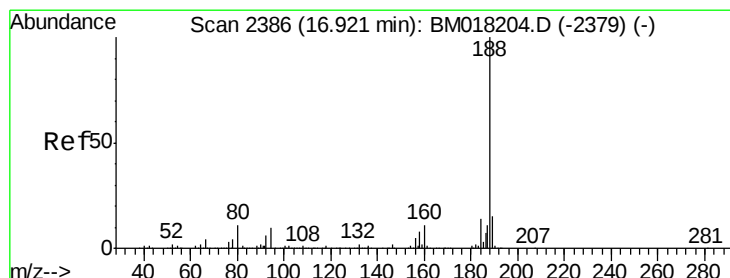
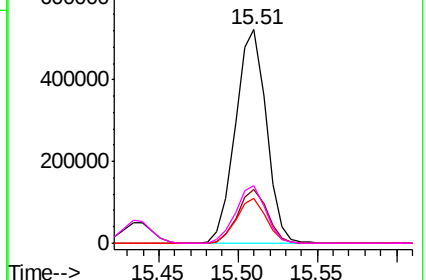
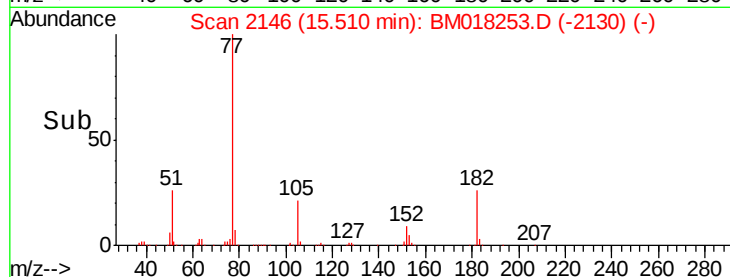


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

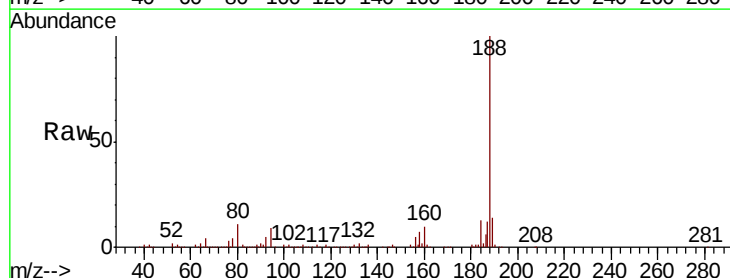
Tgt Ion: 188 Resp: 395266

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

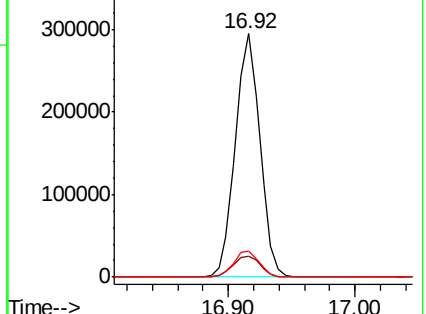
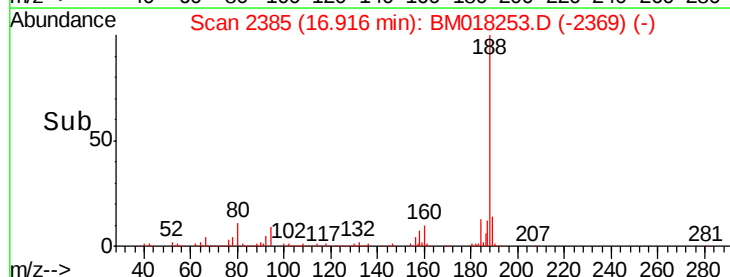
80 10.8 9.0 13.6

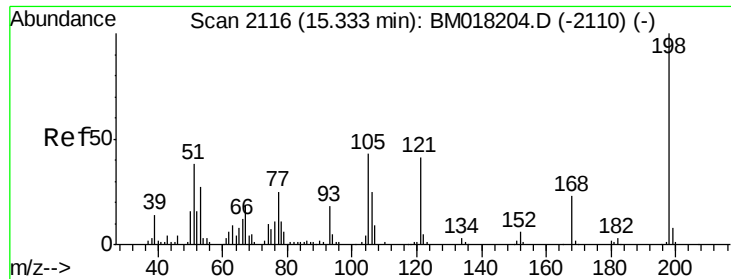


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

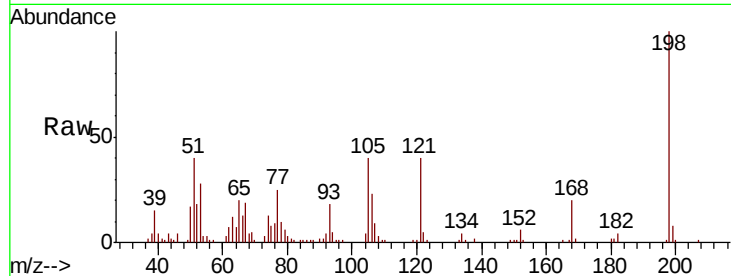




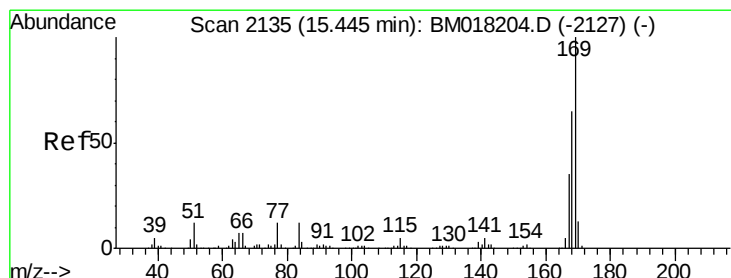
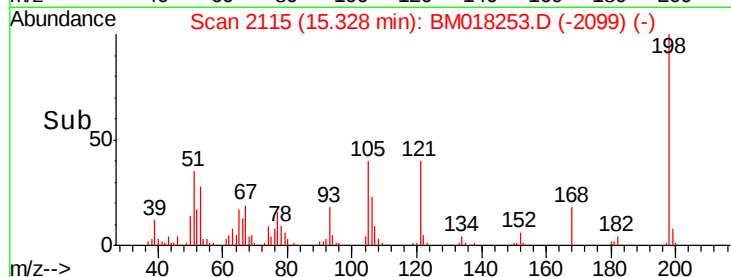
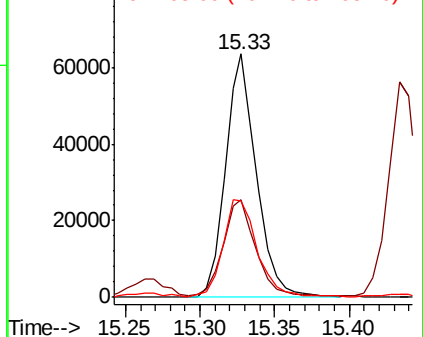
#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.555 ng
 RT: 15.33 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion:198 Resp: 91819
 Ion Ratio Lower Upper
 198 100
 51 40.0 18.6 58.6
 105 39.7 22.9 62.9

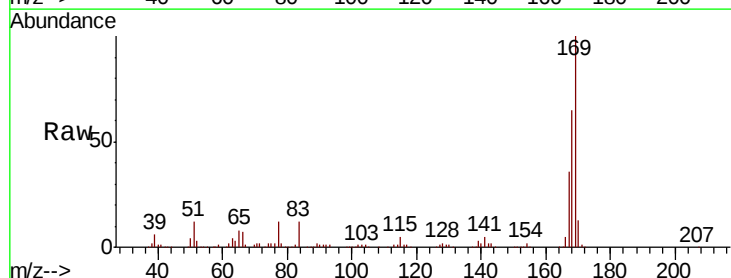


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

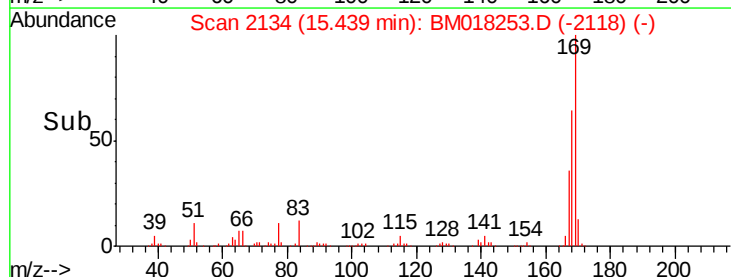
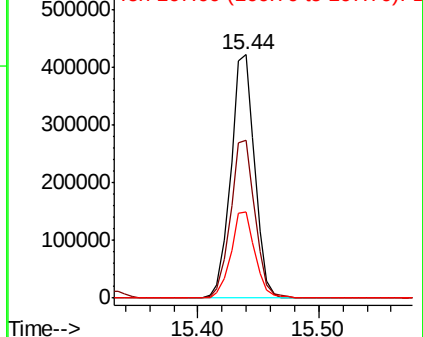


#66
 n-Nitrosodiphenylamine
 Concen: 44.210 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:169 Resp: 577850
 Ion Ratio Lower Upper
 169 100
 168 64.8 52.2 78.4
 167 35.6 27.6 41.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

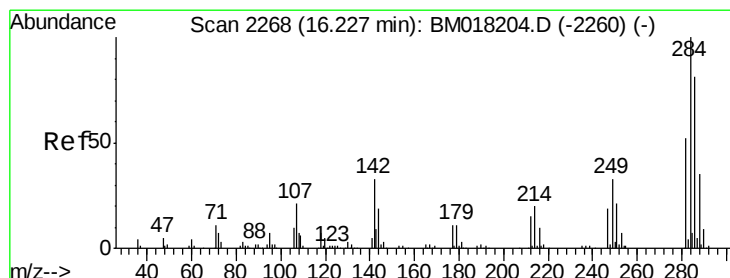
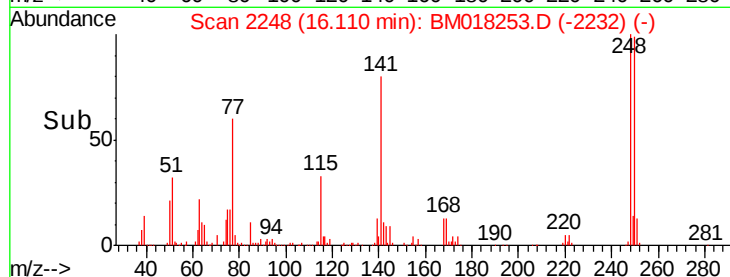
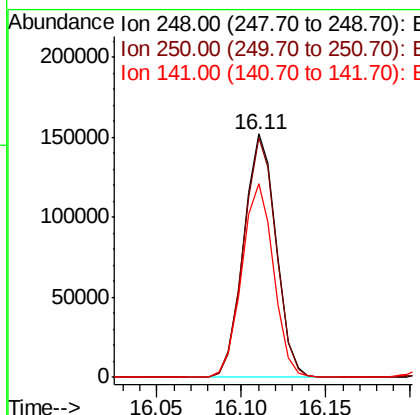
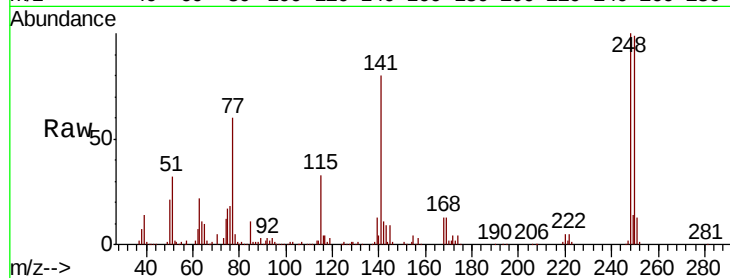




#67
4-Bromophenyl-phenylether
Concen: 42.479 ng
RT: 16.11 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

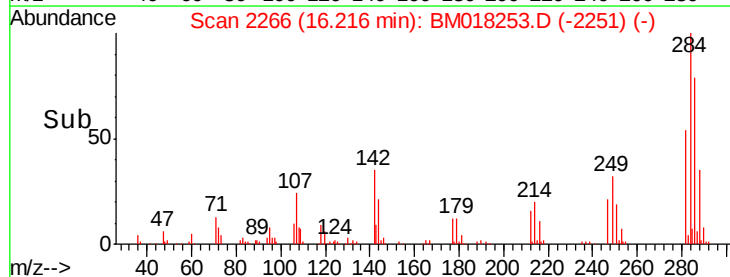
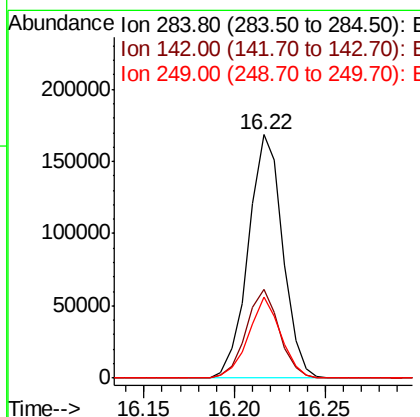
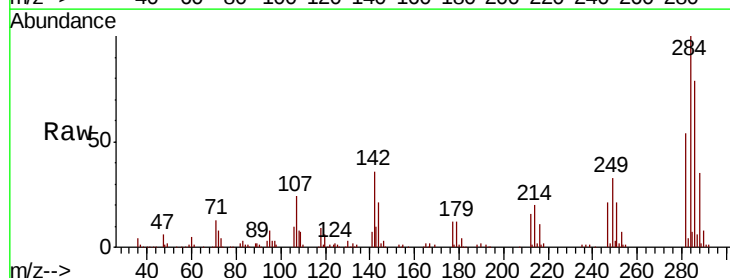
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

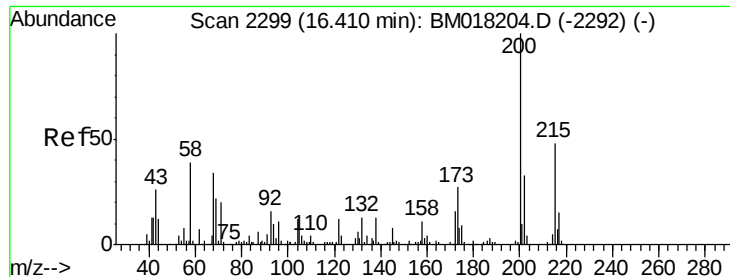
Tgt Ion:248 Resp: 203350
Ion Ratio Lower Upper
248 100
250 98.7 78.7 118.1
141 79.7 62.2 93.4



#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:284 Resp: 221820
Ion Ratio Lower Upper
284 100
142 36.2 26.2 39.4
249 33.2 26.2 39.2

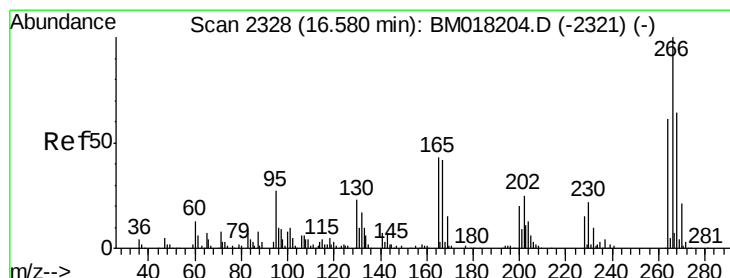
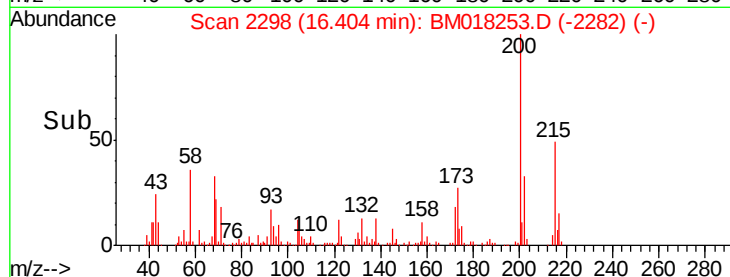
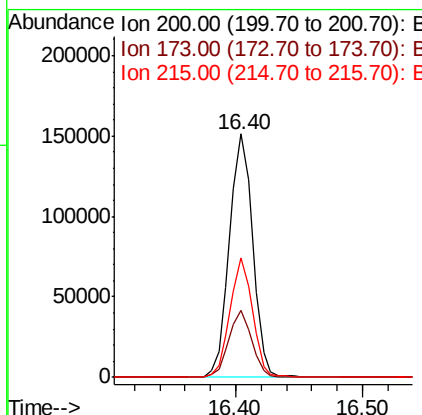
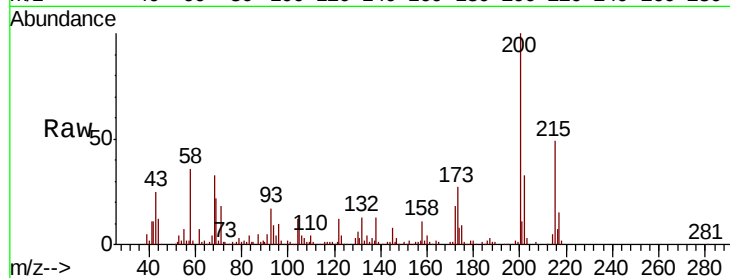




#69
 Atrazine
 Concen: 43.500 ng
 RT: 16.40 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

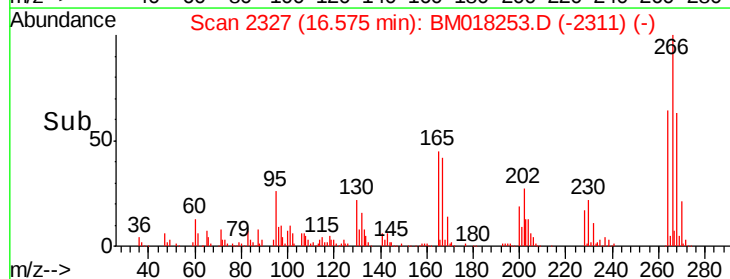
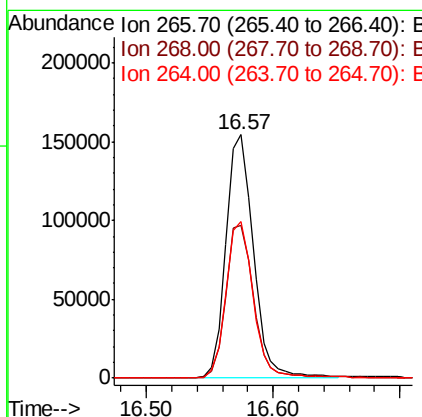
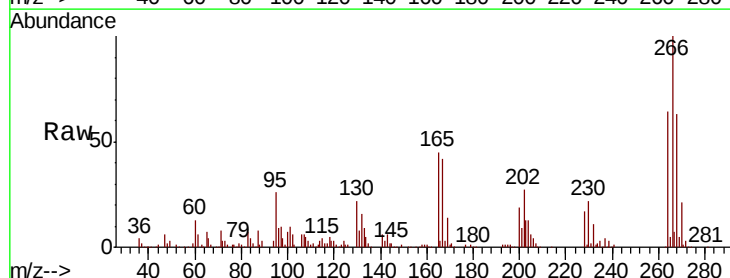
Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

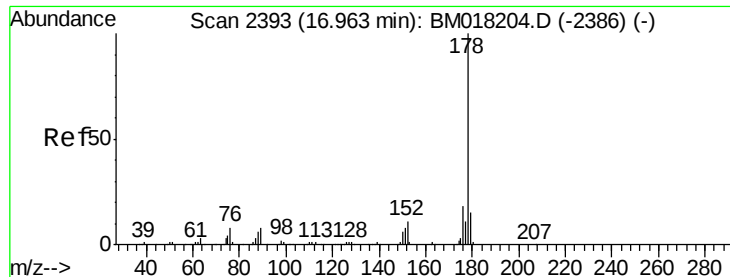
Tgt Ion:200 Resp: 191947
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.9 46.9
 215 48.9 27.9 67.9



#70
 Pentachlorophenol
 Concen: 67.046 ng
 RT: 16.57 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion:266 Resp: 232216
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 64.1 49.0 73.4

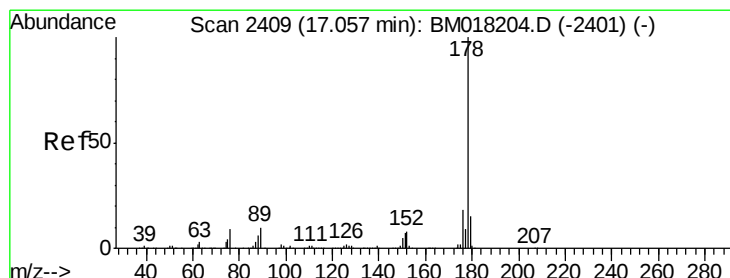
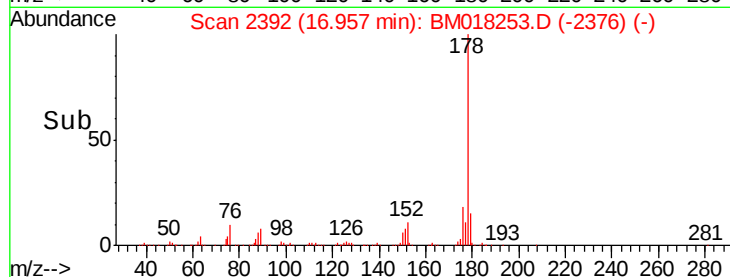
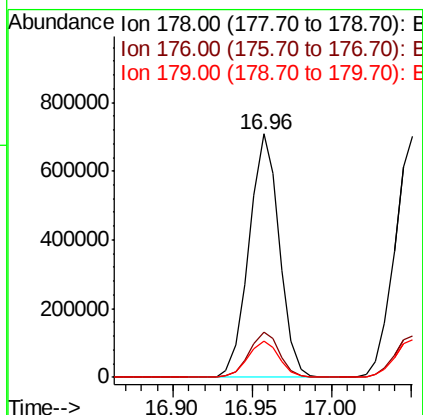
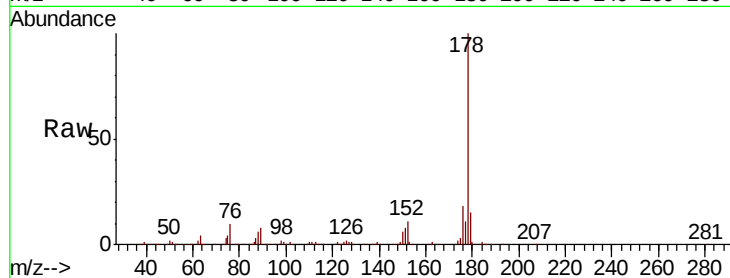




#71
Phenanthrene
Concen: 43.966 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

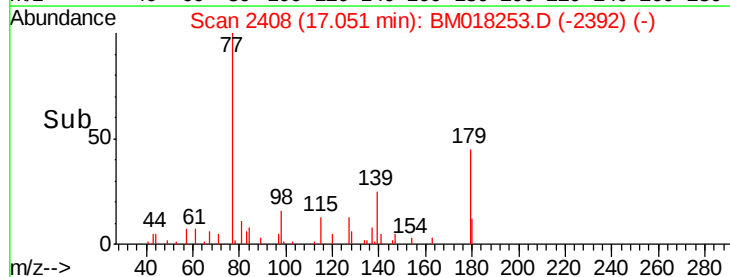
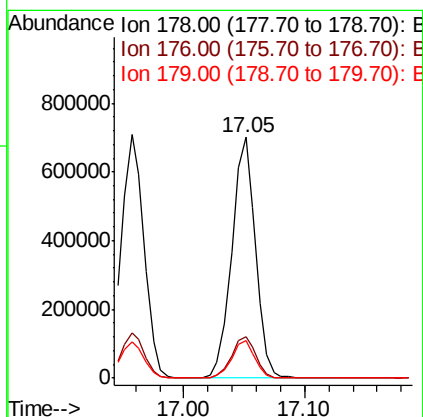
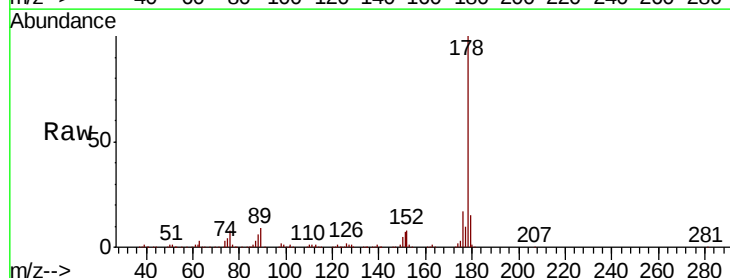
Instrument :
BNA_M
ClientSampleId :
SB-01AMS

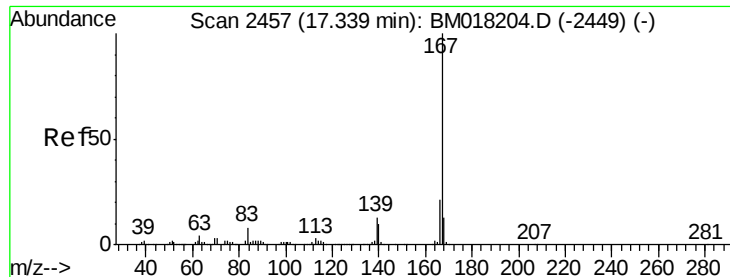
Tgt Ion:178 Resp: 943957
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.9 12.0 18.0



#72
Anthracene
Concen: 44.575 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018253.D
Acq: 17 Dec 2018 17:39

Tgt Ion:178 Resp: 949441
Ion Ratio Lower Upper
178 100
176 17.2 14.3 21.5
179 15.5 12.0 18.0

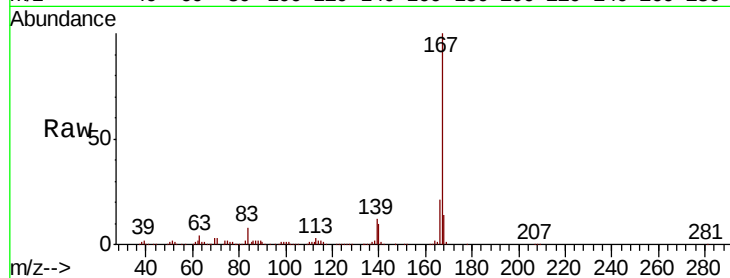




#73
 Carbazole
 Concen: 38.064 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SB-01AMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.8	25.2
139	12.3	10.3	15.5

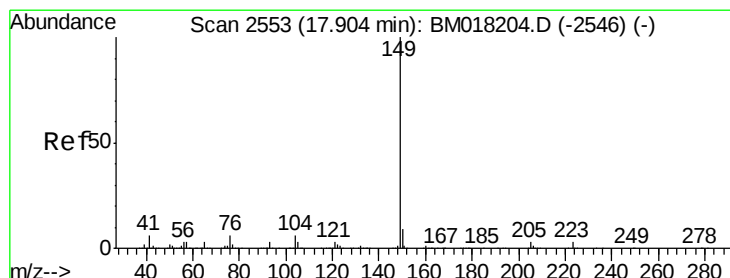
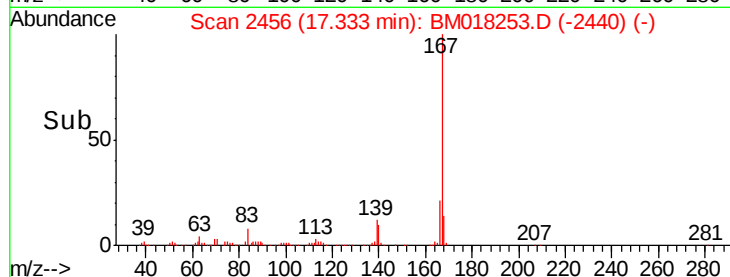
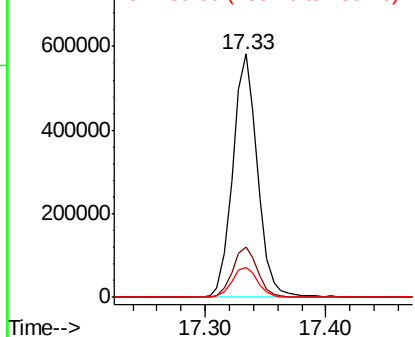


Abundance

Ion 167.00 (166.70 to 167.70): E

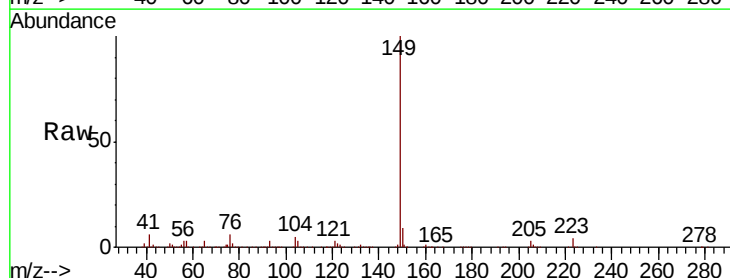
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.111 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018253.D
 Acq: 17 Dec 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	5.5	4.8	7.2

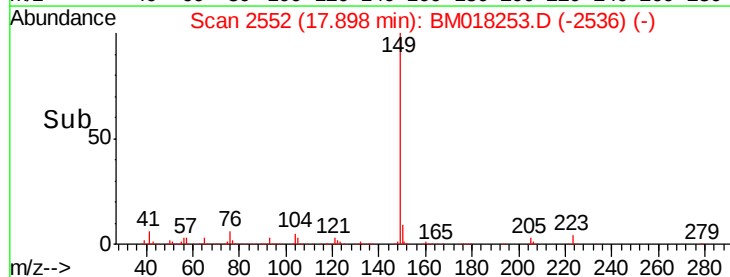
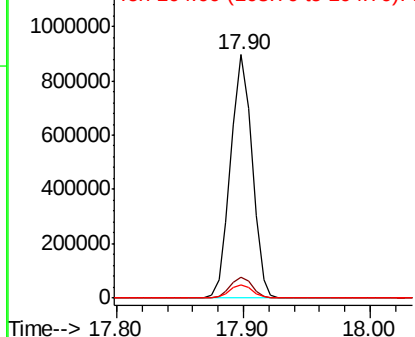


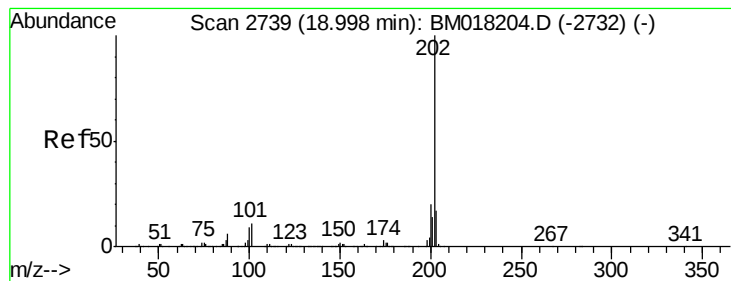
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.909 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

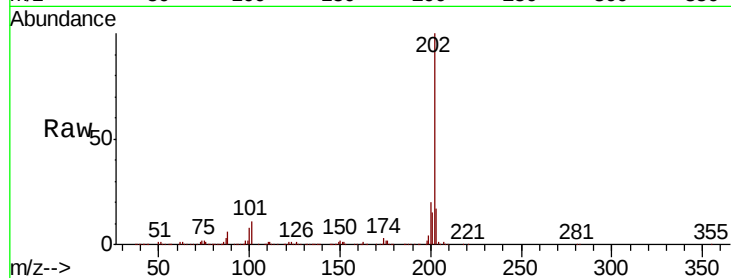
Tgt Ion:202 Resp: 1021178

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

203 16.9 0.0 37.5

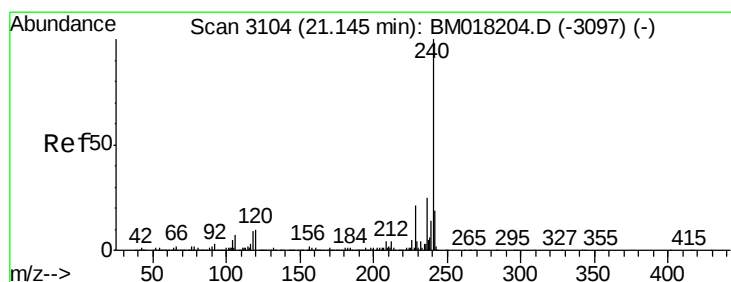
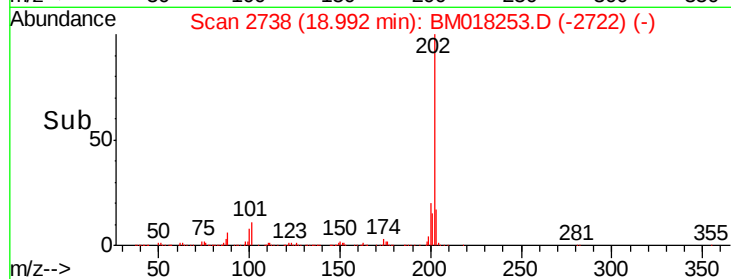
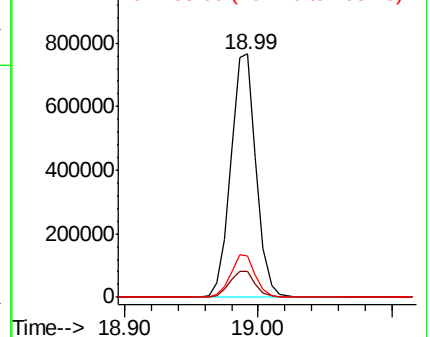


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

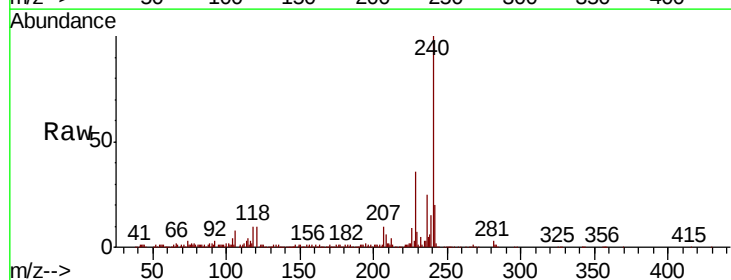
Tgt Ion:240 Resp: 426565

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.5 20.3 30.5

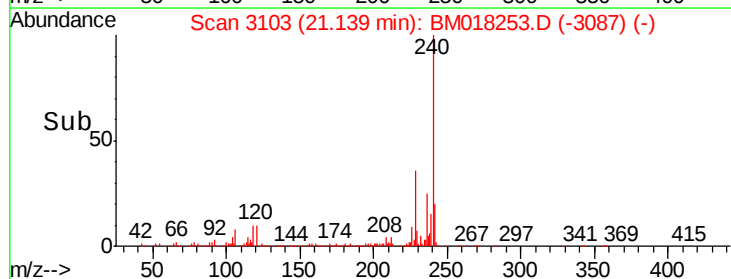
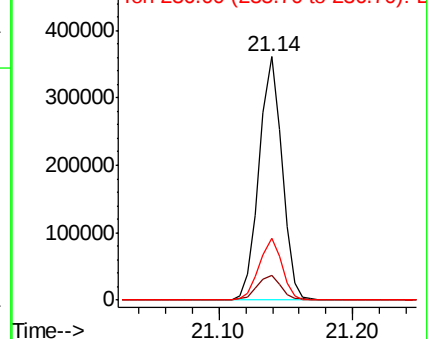


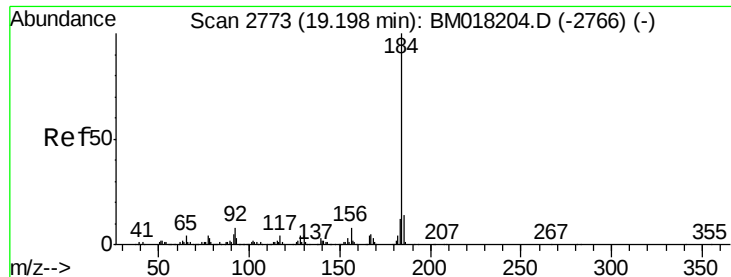
Abundance

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: 27.361 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

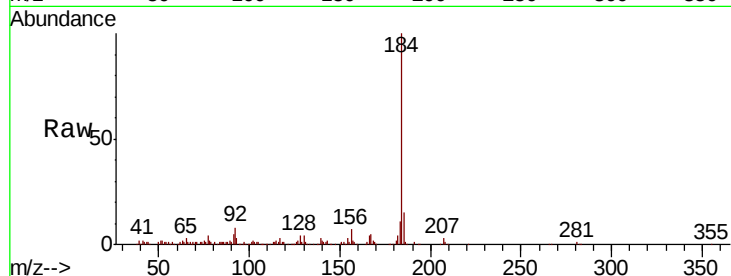
Tgt Ion:184 Resp: 295962

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.3 9.7 14.5

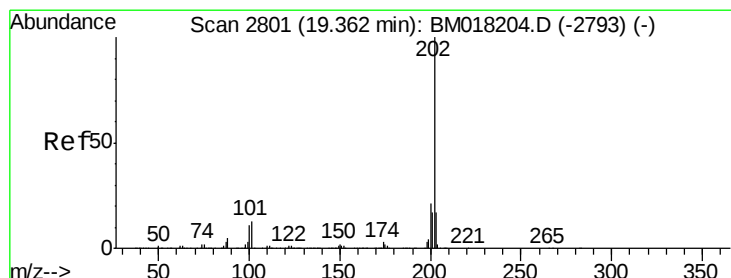
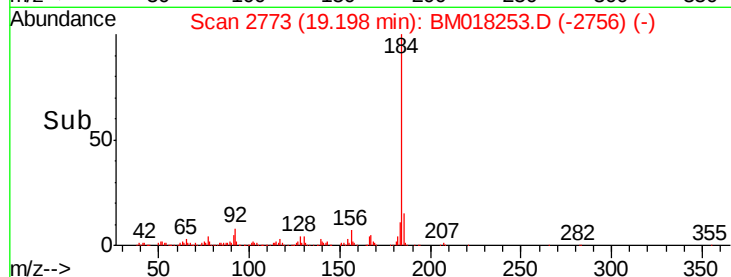
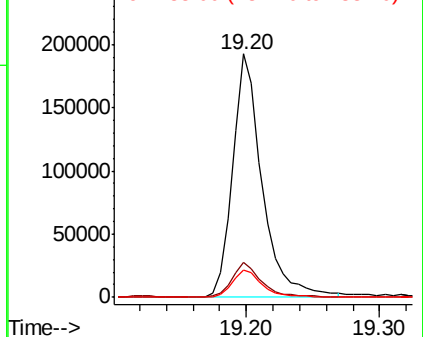


Abundance

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: 41.142 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

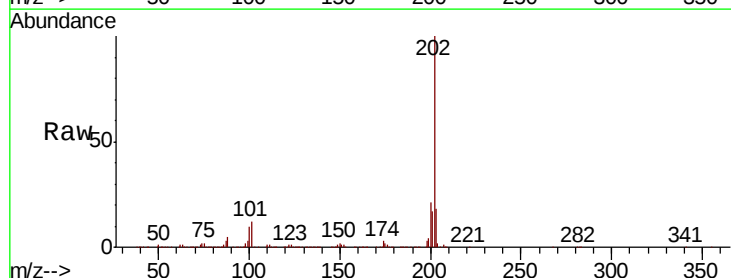
Tgt Ion:202 Resp: 1045702

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

203 17.9 14.0 21.0

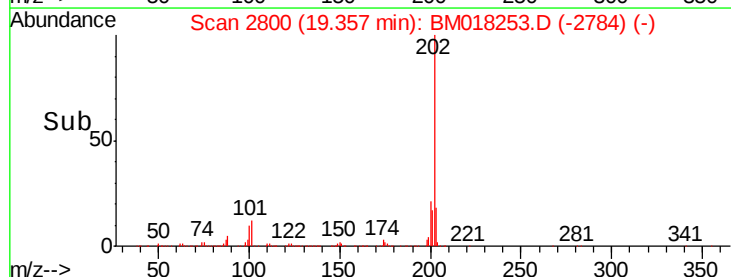
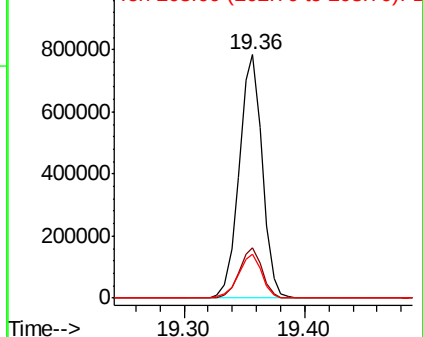


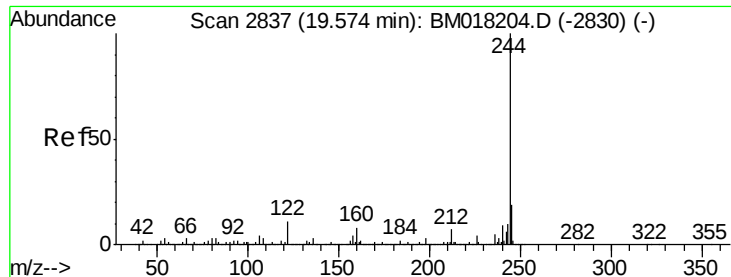
Abundance

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: 77.702 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

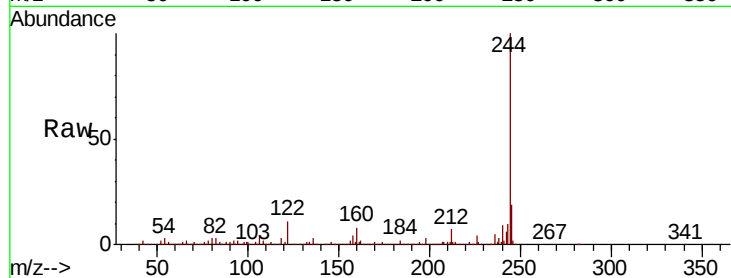
Tgt Ion:244 Resp: 1465518

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

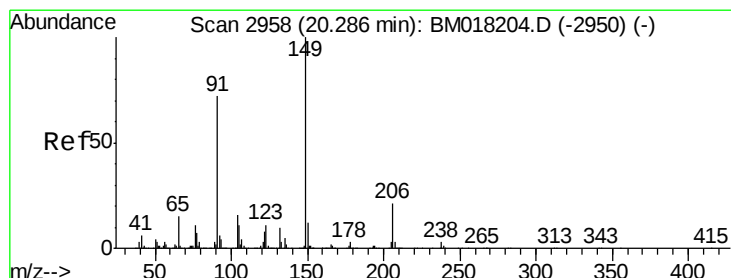
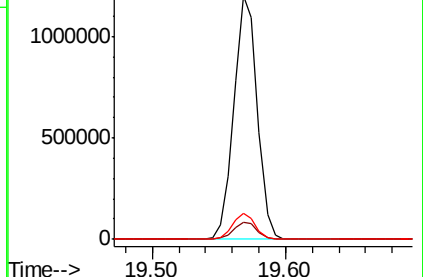
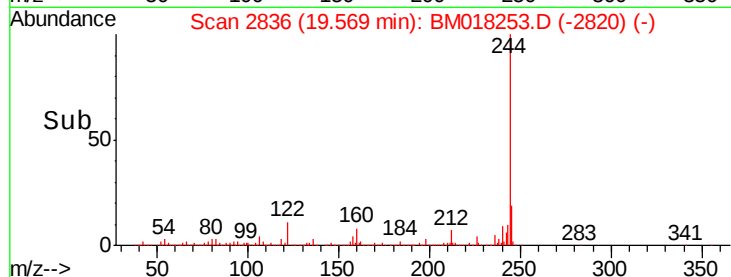
122 10.8 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.483 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

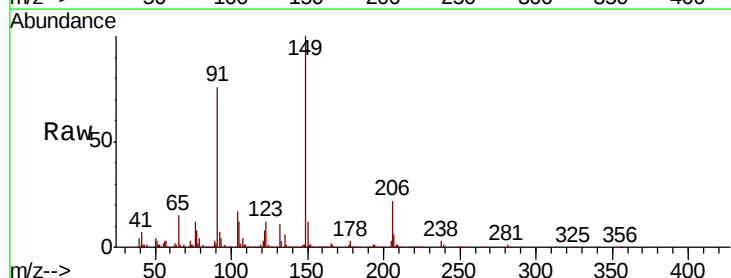
Tgt Ion:149 Resp: 477408

Ion Ratio Lower Upper

149 100

91 75.5 57.4 86.2

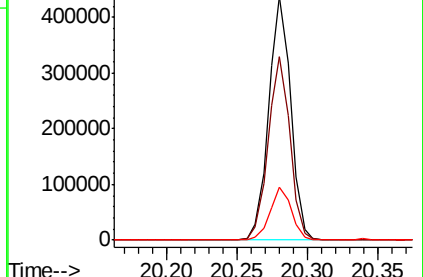
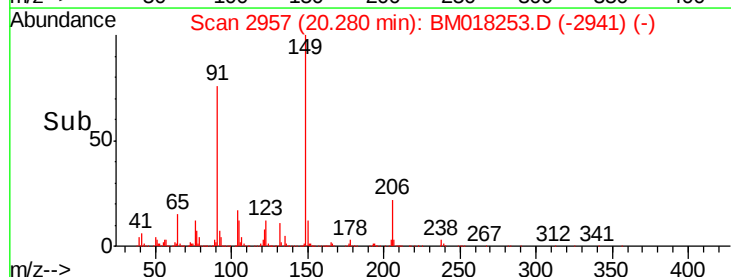
206 21.9 17.0 25.4

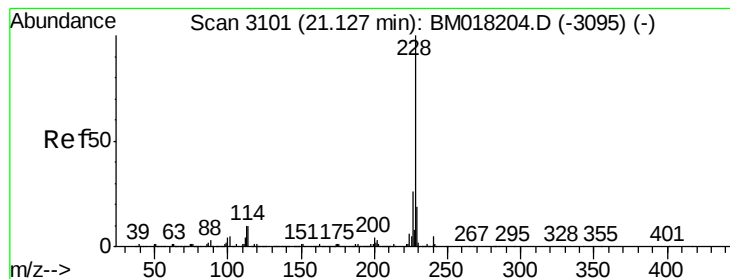


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.090 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

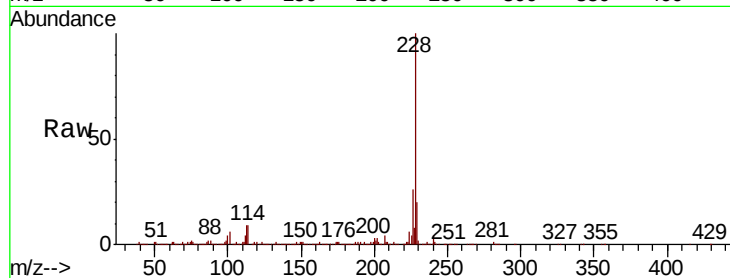
Tgt Ion:228 Resp: 1123535

Ion Ratio Lower Upper

228 100

226 25.9 21.0 31.4

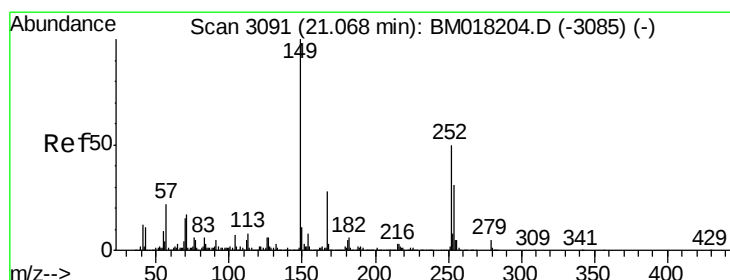
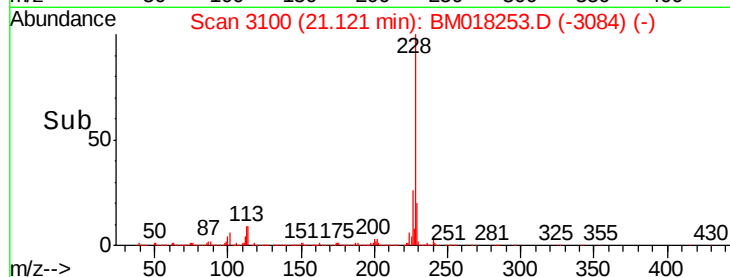
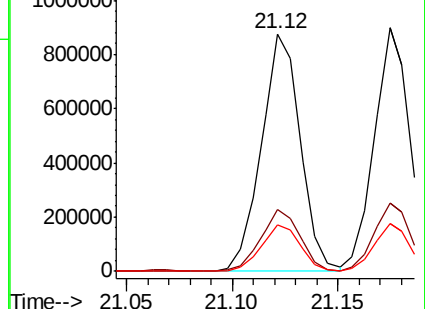
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.081 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

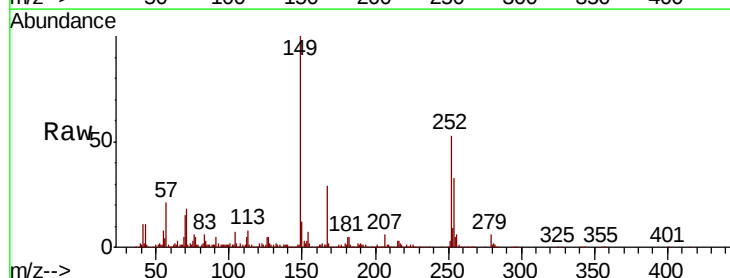
Tgt Ion:252 Resp: 319364

Ion Ratio Lower Upper

252 100

254 62.1 50.4 75.6

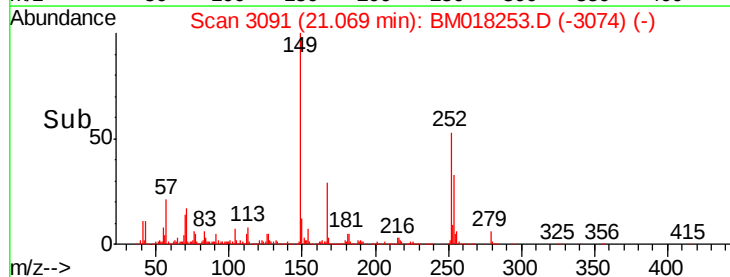
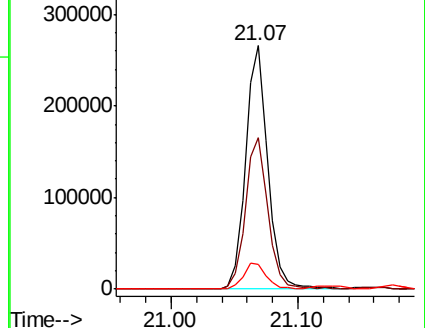
126 10.3 9.4 14.0

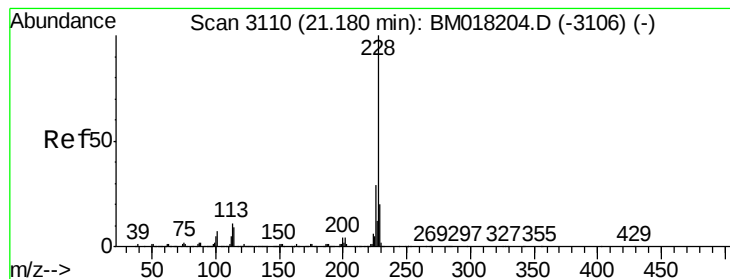


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.802 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

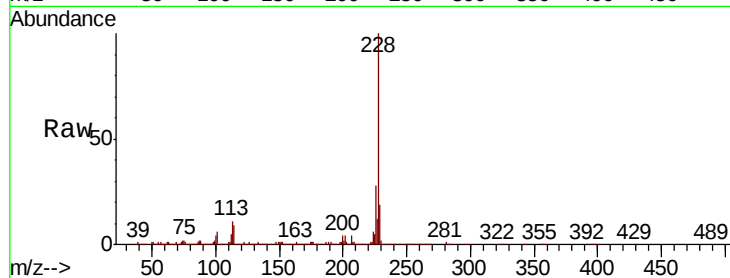
Tgt Ion:228 Resp: 1049804

Ion Ratio Lower Upper

228 100

226 28.1 23.1 34.7

229 19.4 15.8 23.6

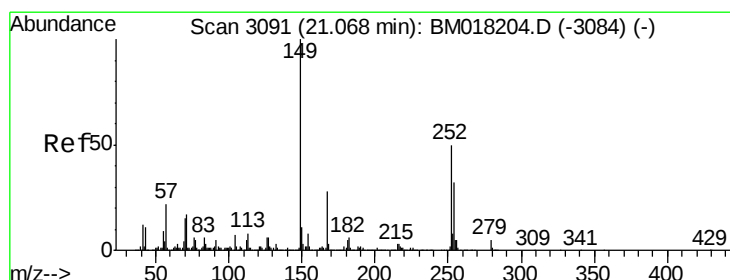
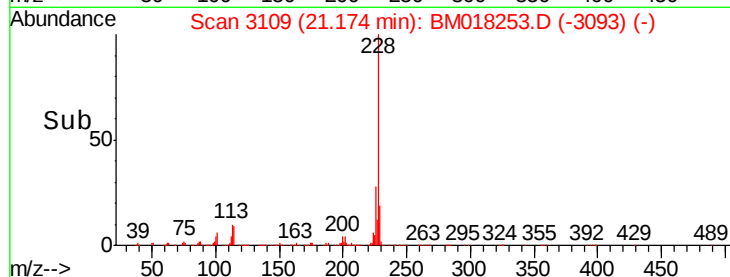
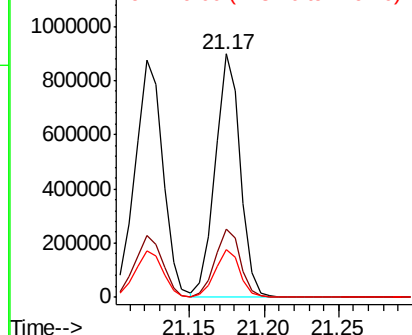


Abundance

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: 39.208 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

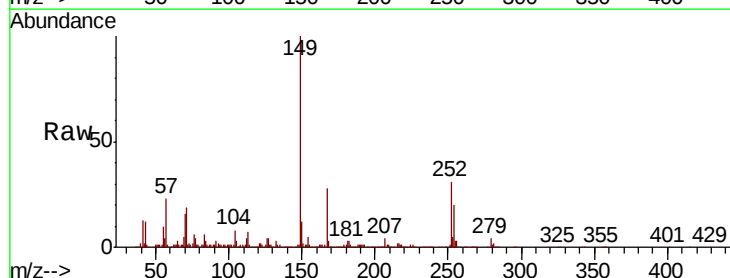
Tgt Ion:149 Resp: 706567

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 4.3 3.9 5.9

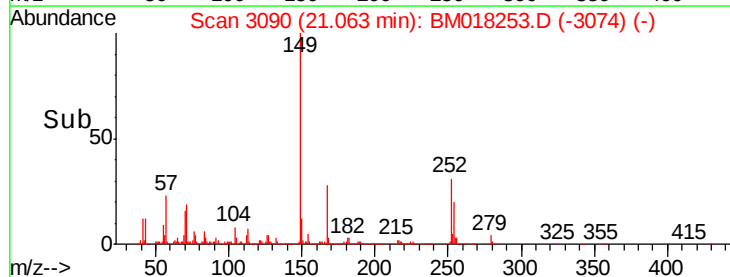
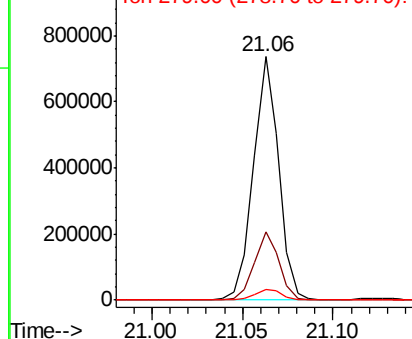


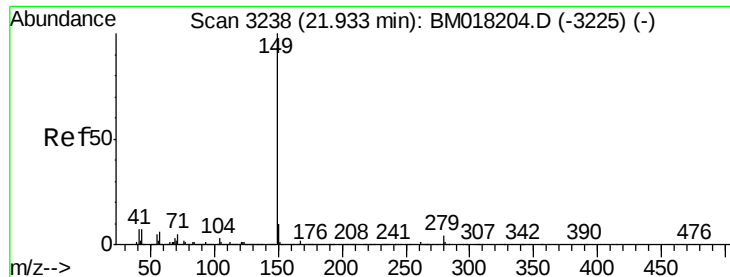
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.716 ng

RT: 21.93 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

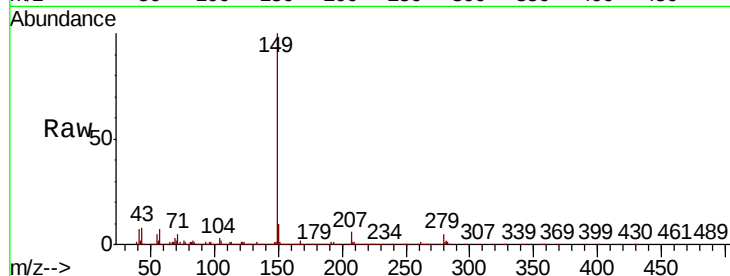
Tgt Ion:149 Resp: 1290196

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

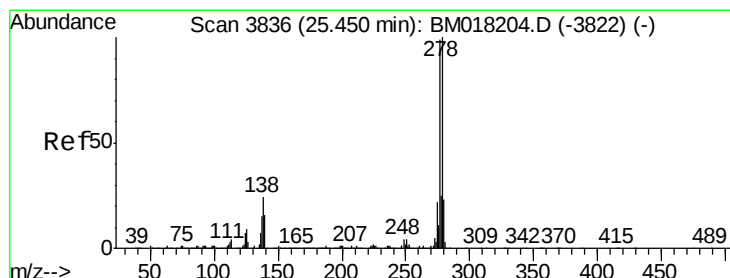
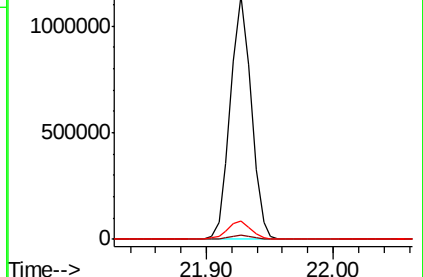
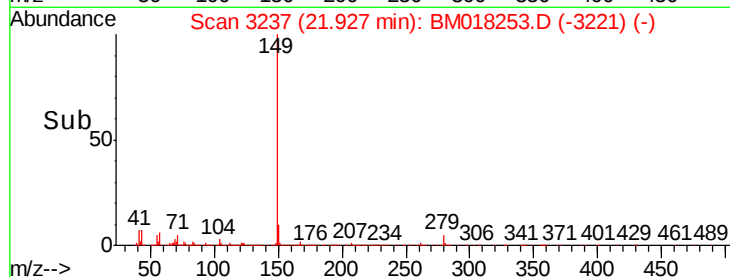
43 7.9 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 66.976 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

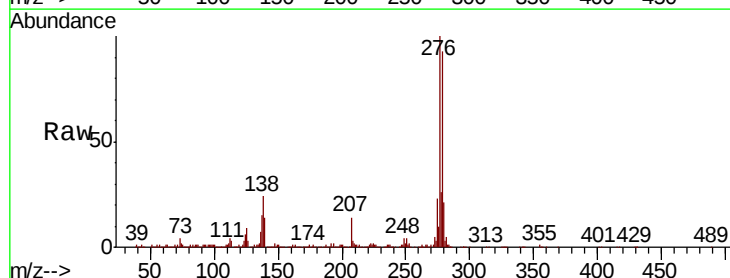
Tgt Ion:276 Resp: 1599008

Ion Ratio Lower Upper

276 100

138 22.8 18.6 28.0

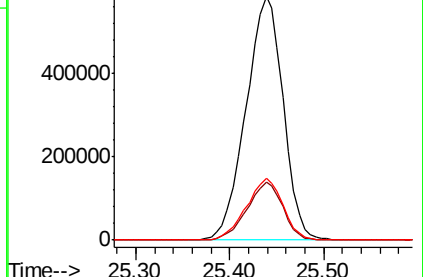
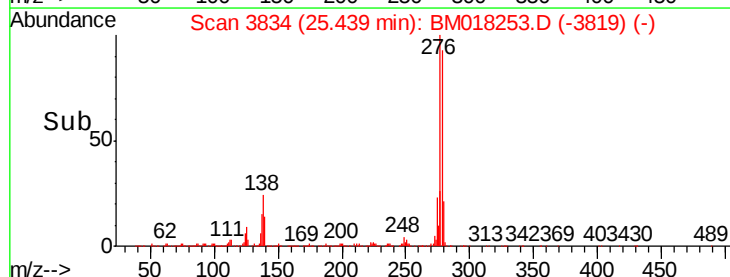
277 25.1 20.3 30.5

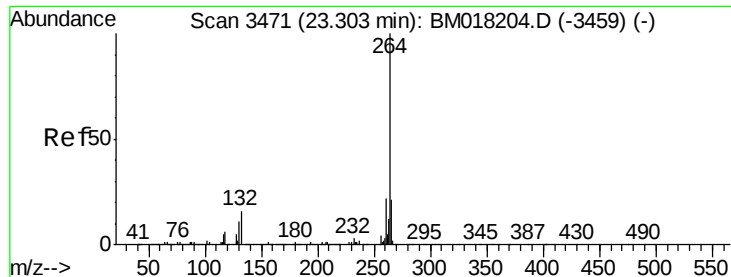


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

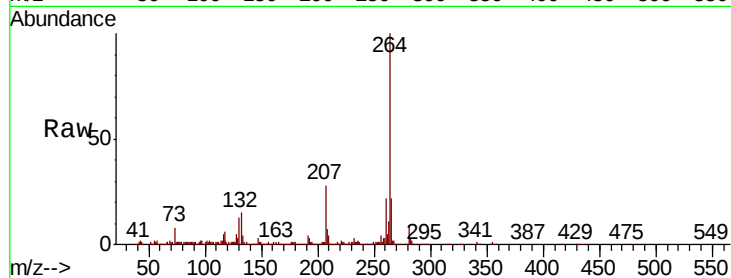
Tgt Ion:264 Resp: 516072

Ion Ratio Lower Upper

264 100

260 22.1 17.5 26.3

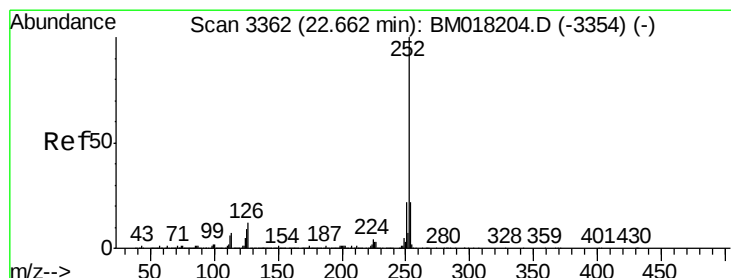
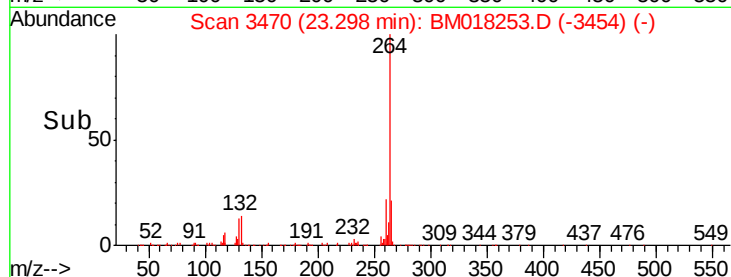
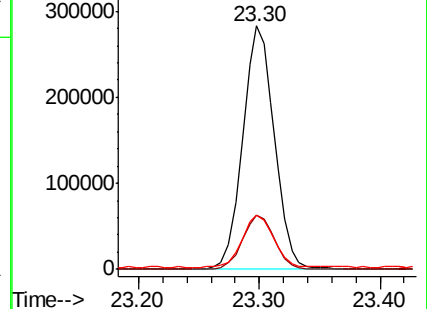
265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.216 ng

RT: 22.66 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

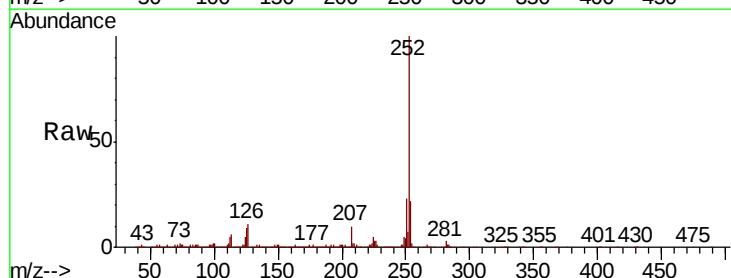
Tgt Ion:252 Resp: 1252779

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

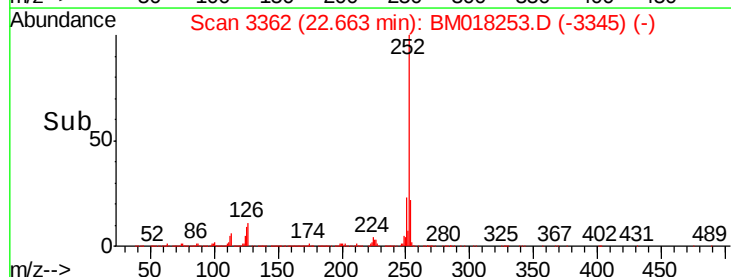
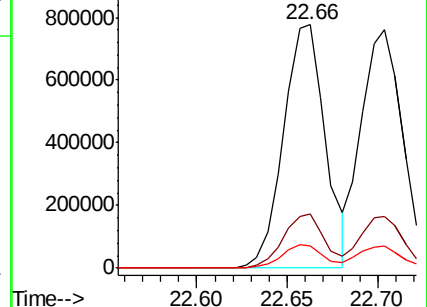
125 9.1 7.4 11.0

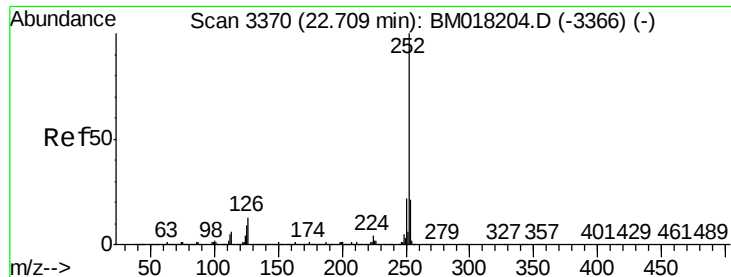


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.630 ng

RT: 22.70 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

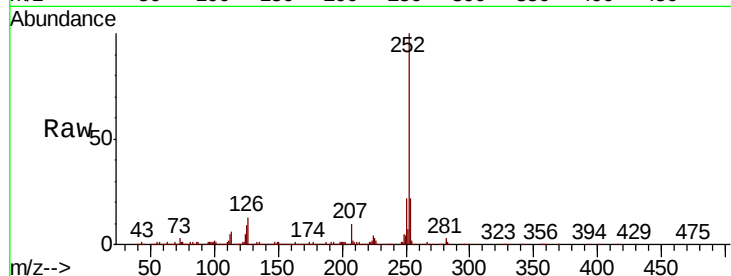
Tgt Ion:252 Resp: 1201852

Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 9.4 7.5 11.3

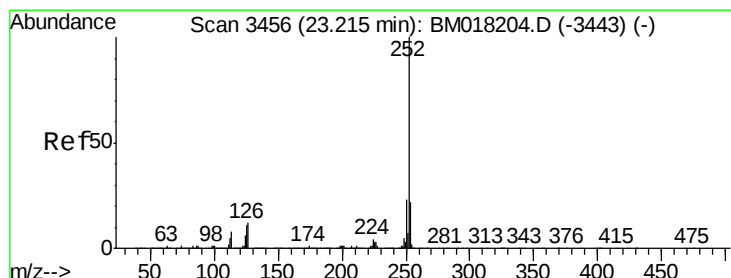
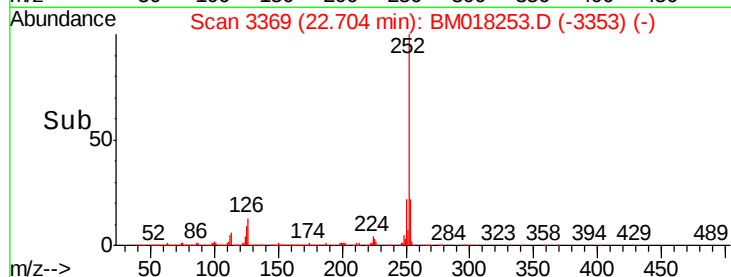
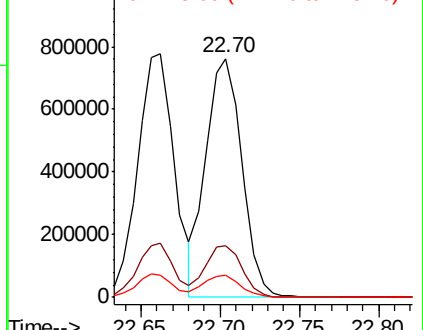


Abundance

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: 44.573 ng

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

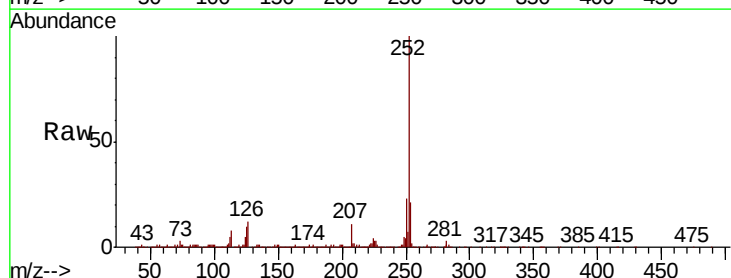
Tgt Ion:252 Resp: 1228927

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 10.1 8.6 12.8

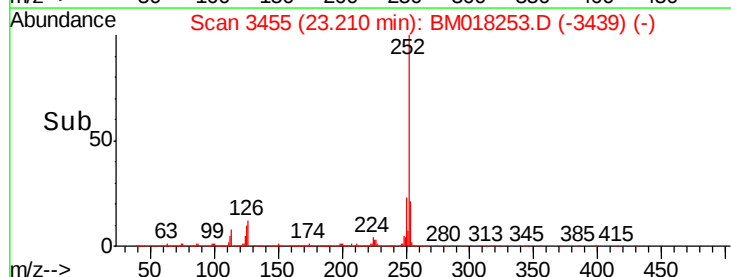
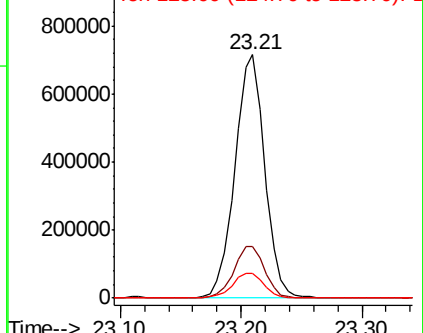


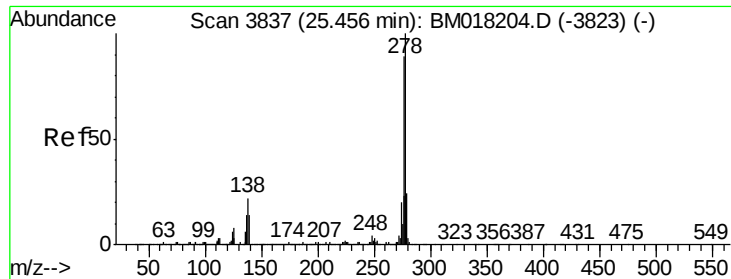
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.864 ng

RT: 25.44 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

Instrument :

BNA_M

ClientSampleId :

SB-01AMS

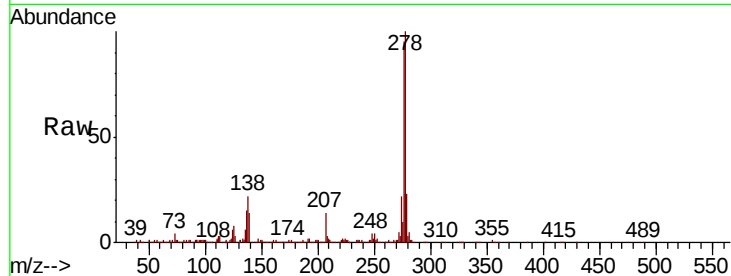
Tgt Ion:278 Resp: 1375681

Ion Ratio Lower Upper

278 100

139 14.4 11.6 17.4

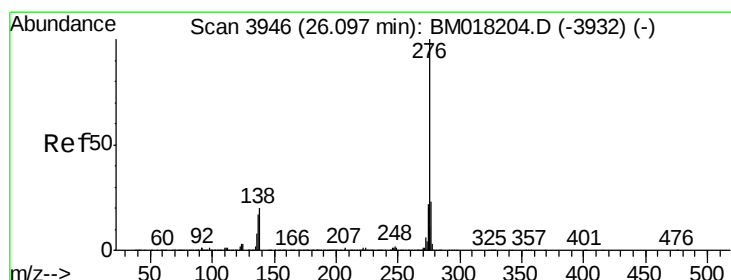
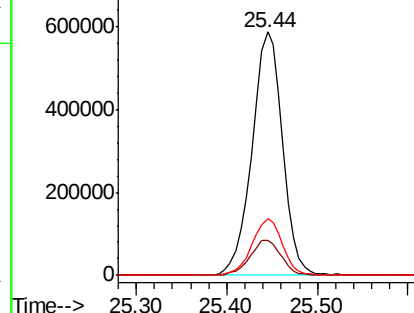
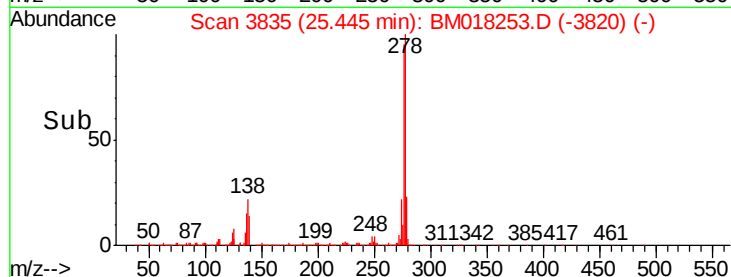
279 23.1 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.104 ng

RT: 26.09 min Scan# 3944

Delta R.T. -0.01 min

Lab File: BM018253.D

Acq: 17 Dec 2018 17:39

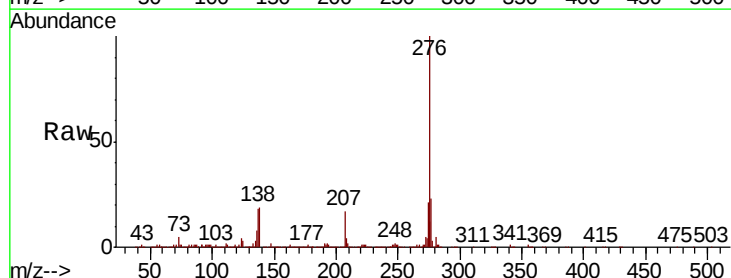
Tgt Ion:276 Resp: 1330329

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 18.7 15.8 23.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

