

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
 Data File : BM017600.D
 Acq On : 09 Nov 2018 20:24
 Operator : MJ/SJ
 Sample : J5863-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Quant Time: Nov 12 00:32:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	273197	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	1168850	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	712337	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1656452	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1864092	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1683233	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	2657675	164.53	ng	-0.02
7) Phenol-d6	6.82	99	3661102	166.42	ng	-0.02
23) Nitrobenzene-d5	8.78	82	2334964	116.83	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1733127	179.91	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	5422208	101.28	ng	-0.02
79) Terphenyl-d14	19.66	244	8353239	101.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	237477	28.791	ng	# 80
3) Pyridine	3.61	79	599324	31.579	ng	# 77
4) n-Nitrosodimethylamine	3.53	42	429770	56.409	ng	# 62
6) Aniline	6.97	93	1217191	44.235	ng	96
8) 2-Chlorophenol	7.19	128	946446	50.648	ng	94
9) Benzaldehyde	6.78	77	536452	38.244	ng	92
10) Phenol	6.84	94	1390160	58.715	ng	94
11) bis(2-Chloroethyl)ether	7.06	93	825589	43.742	ng	94
12) 1,3-Dichlorobenzene	7.51	146	948152	43.526	ng	96
13) 1,4-Dichlorobenzene	7.66	146	967209	43.459	ng	96
14) 1,2-Dichlorobenzene	7.96	146	947870	44.204	ng	99
15) Benzyl Alcohol	7.87	79	879434	54.691	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1254399	47.572	ng	97
17) 2-Methylphenol	8.07	107	804751	52.955	ng	96
18) Hexachloroethane	8.68	117	354894	46.595	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	741337	51.178	ng	96
20) 3+4-Methylphenols	8.40	107	1107012	53.260	ng	97
22) Acetophenone	8.45	105	1425119	48.099	ng	# 95
24) Nitrobenzene	8.82	77	1073769	50.793	ng	93
25) Isophorone	9.35	82	1974530	59.832	ng	98
26) 2-Nitrophenol	9.52	139	519265	51.951	ng	94
27) 2,4-Dimethylphenol	9.59	122	903870	61.940	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1207175	51.971	ng	99
29) 2,4-Dichlorophenol	10.05	162	945754	55.820	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	955496	47.011	ng	100
31) Naphthalene	10.44	128	2932008	51.187	ng	100
32) Benzoic acid	9.76	122	568024	52.169	ng	93
33) 4-Chloroaniline	10.56	127	670165	27.090	ng	96
34) Hexachlorobutadiene	10.72	225	573864	44.561	ng	99
35) Caprolactam	11.38	113	78633	12.735	ng	98
36) 4-Chloro-3-methylphenol	11.70	107	1081648	56.636	ng	95
37) 2-Methylnaphthalene	12.06	142	2233559	56.983	ng	98
38) 1-Methylnaphthalene	12.29	142	2133417	55.922	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1149599	45.826	ng	# 98

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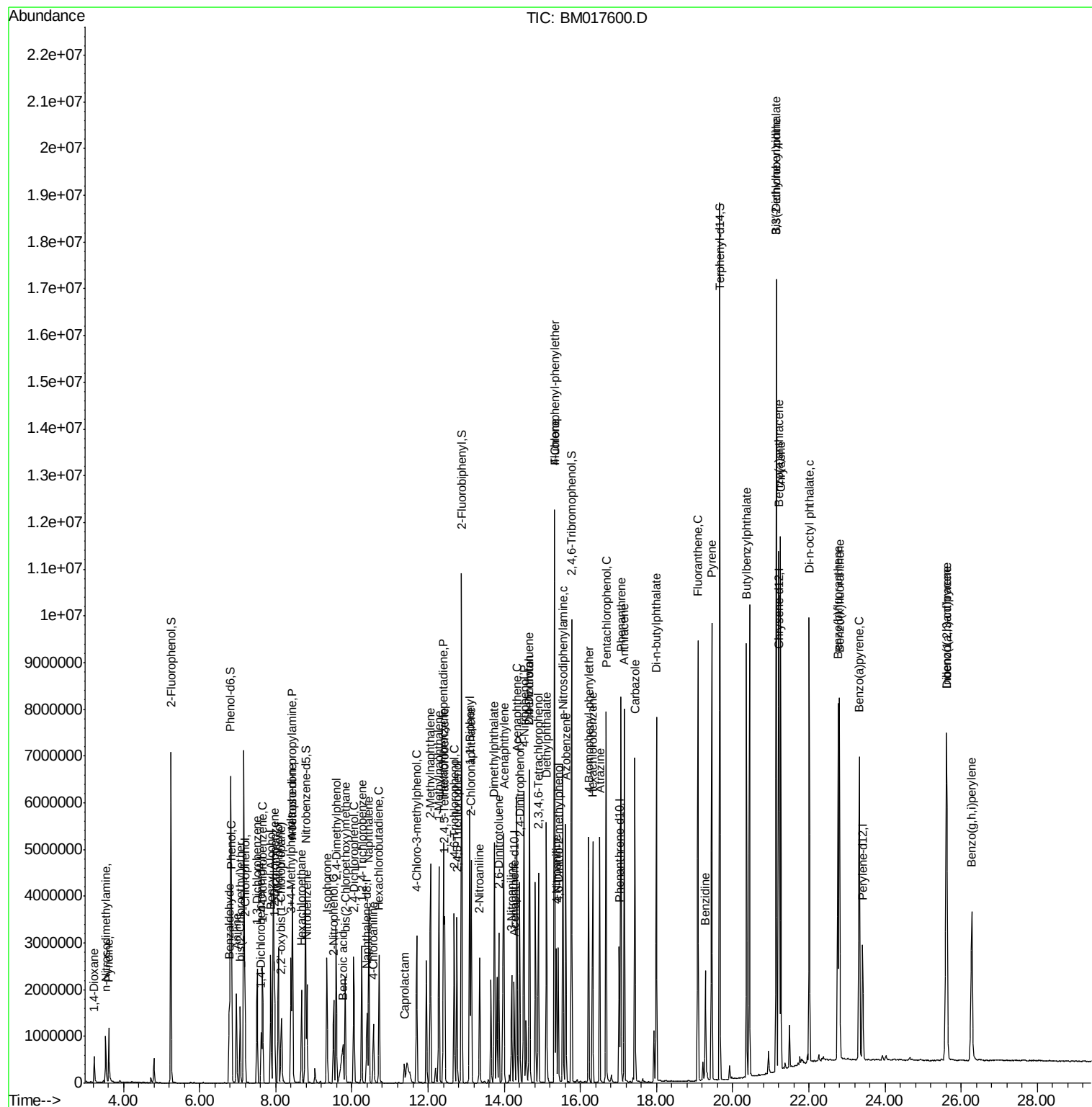
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1470665	121.267	ng	100
43) 2,4,6-Trichlorophenol	12.69	196	814992	55.965	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	870422	55.740	ng	96
46) 1,1'-Biphenyl	13.09	154	2885882	45.019	ng	99
47) 2-Chloronaphthalene	13.13	162	2244085	47.586	ng	99
48) 2-Nitroaniline	13.35	65	751138	55.386	ng	97
49) Acenaphthylene	13.99	152	3751947	54.888	ng	100
50) Dimethylphthalate	13.74	163	3202946	58.281	ng	99
51) 2,6-Dinitrotoluene	13.86	165	659231	54.501	ng	91
52) Acenaphthene	14.33	154	2172498	50.618	ng	98
53) 3-Nitroaniline	14.19	138	536744	40.972	ng	92
54) 2,4-Dinitrophenol	14.40	184	868233	117.999	ng	97
55) Dibenzofuran	14.67	168	3529527	49.452	ng	98
56) 4-Nitrophenol	14.52	139	1667136	136.116	ng	95
57) 2,4-Dinitrotoluene	14.66	165	942819	57.994	ng	# 89
58) Fluorene	15.32	166	2938591	55.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	831326	58.403	ng	98
60) Diethylphthalate	15.11	149	2987899	54.822	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	1464815	48.637	ng	98
62) 4-Nitroaniline	15.37	138	697949	47.765	ng	93
63) Azobenzene	15.62	77	2957438	55.827	ng	96
65) 4,6-Dinitro-2-methylphenol	15.42	198	588431	54.252	ng	97
66) n-Nitrosodiphenylamine	15.55	169	2578697	51.455	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	943729	51.888	ng	97
68) Hexachlorobenzene	16.32	284	1031295	48.814	ng	97
69) Atrazine	16.50	200	960079	53.526	ng	98
70) Pentachlorophenol	16.67	266	1352715	93.466	ng	99
71) Phenanthrene	17.06	178	4666438	52.214	ng	100
72) Anthracene	17.15	178	4784695	56.344	ng	99
73) Carbazole	17.43	167	4406069	50.794	ng	99
74) Di-n-butylphthalate	18.00	149	5228504	57.148	ng	99
75) Fluoranthene	19.09	202	5532735	55.016	ng	99
77) Benzidine	19.29	184	1332694	28.195	ng	98
78) Pyrene	19.45	202	5604509	53.794	ng	100
80) Butylbenzylphthalate	20.36	149	2446895	59.668	ng	90
81) Benzo(a)anthracene	21.20	228	5603649	53.419	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1675293	42.850	ng	100
83) Chrysene	21.26	228	5218096	50.256	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3522297	56.955	ng	100
85) Di-n-octyl phthalate	22.01	149	5888651	56.224	ng	97
86) Indeno(1,2,3-cd)pyrene	25.61	276	4748299	40.887	ng	99
88) Benzo(b)fluoranthene	22.76	252	5123164	55.669	ng	100
89) Benzo(k)fluoranthene	22.80	252	5113507	55.375	ng	100
90) Benzo(a)pyrene	23.32	252	4804625	54.986	ng	99
91) Dibenzo(a,h)anthracene	25.62	278	4072061	46.933	ng	99
92) Benzo(g,h,i)perylene	26.28	276	3879459	45.114	ng	100

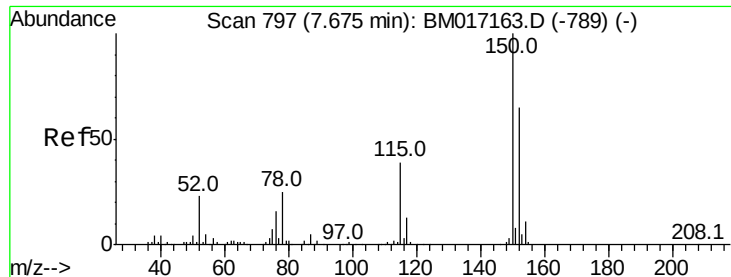
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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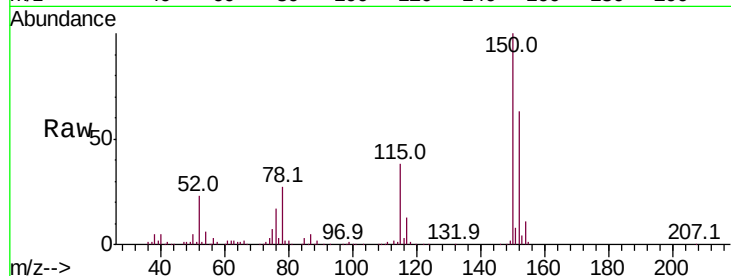


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.3	186.5
115	61.0	48.1	72.1

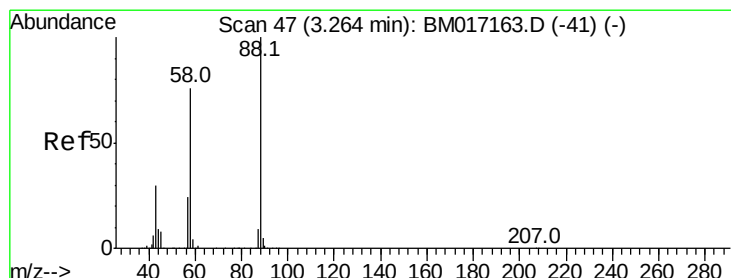
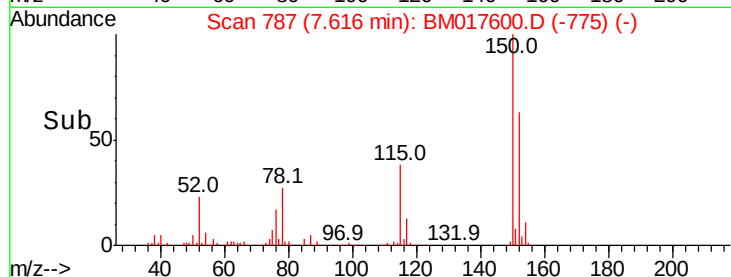
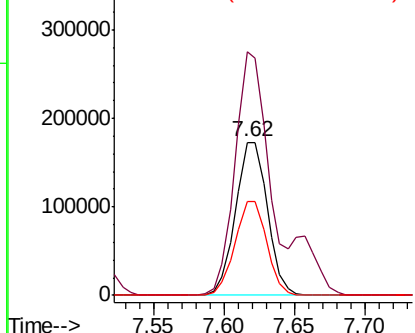


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

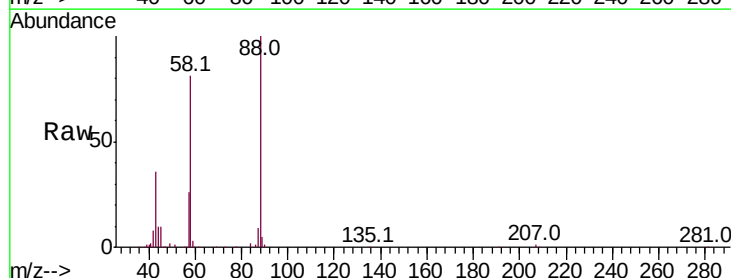
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.791 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	50.2	75.4#
43	34.5	19.3	28.9#

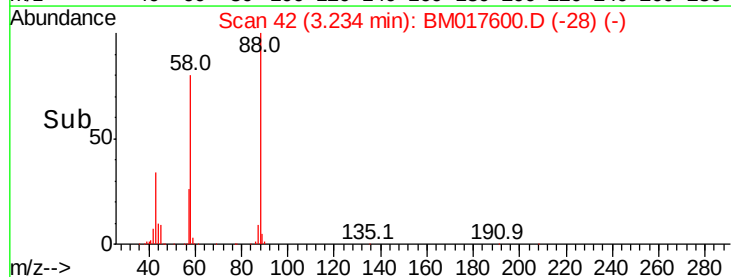
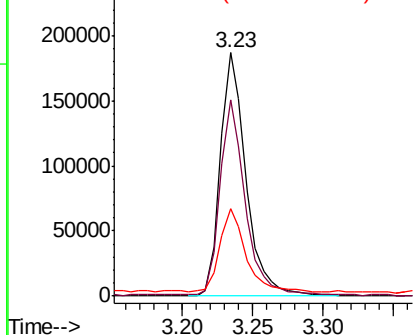


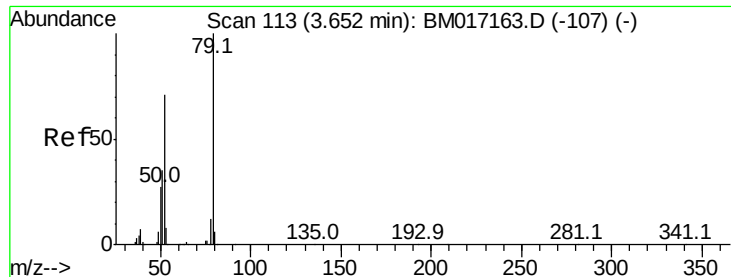
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 31.579 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

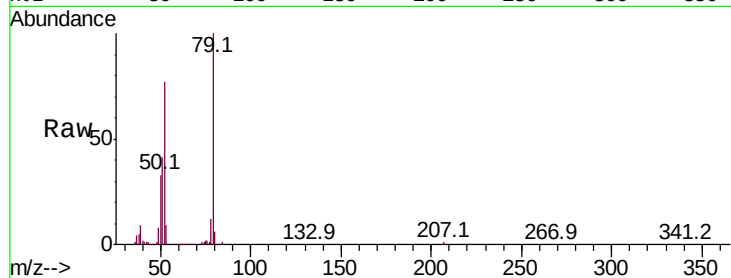
Tot Ion: 79 Resp: 599324

Ion Ratio Lower Upper

79 100

52 77.3 46.5 69.7#

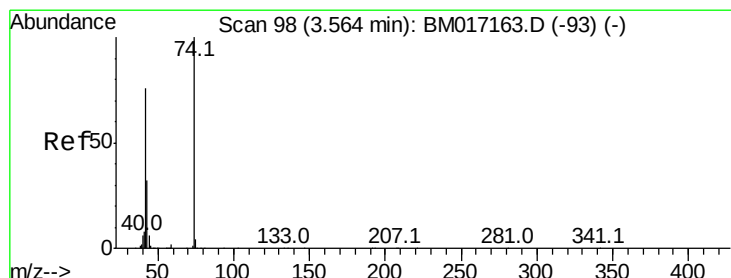
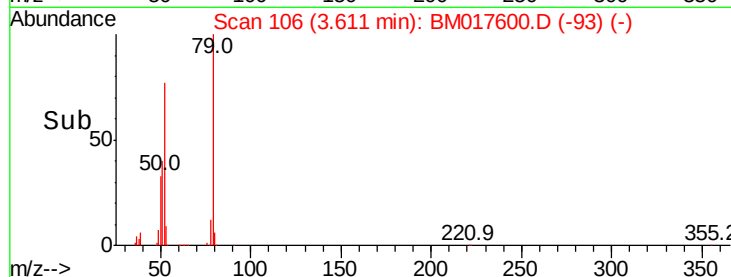
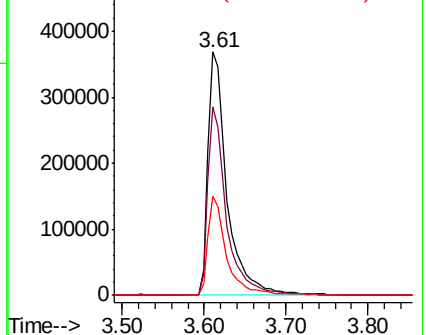
51 40.6 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017600.D (-93) (-)

Ion 52.00 (51.70 to 52.70): BM017600.D (-93) (-)

Ion 51.00 (50.70 to 51.70): BM017600.D (-93) (-)



#4

n-Nitrosodimethylamine

Concen: 56.409 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

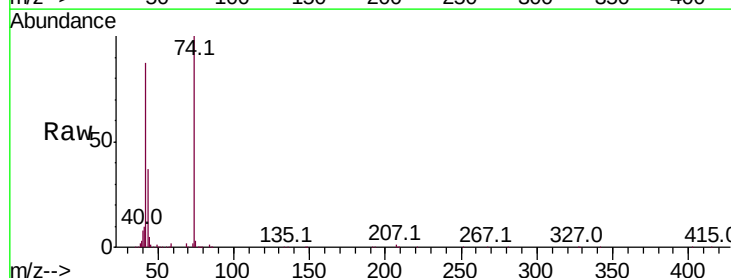
Tgt Ion: 42 Resp: 429770

Ion Ratio Lower Upper

42 100

74 114.8 114.4 171.6

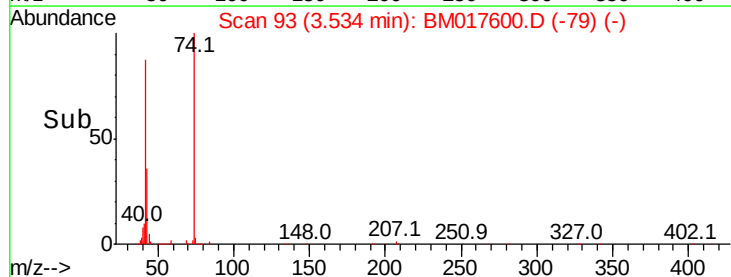
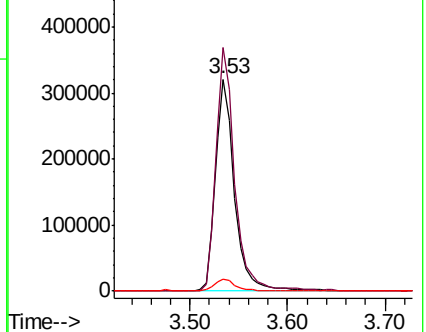
44 5.9 48.6 73.0#

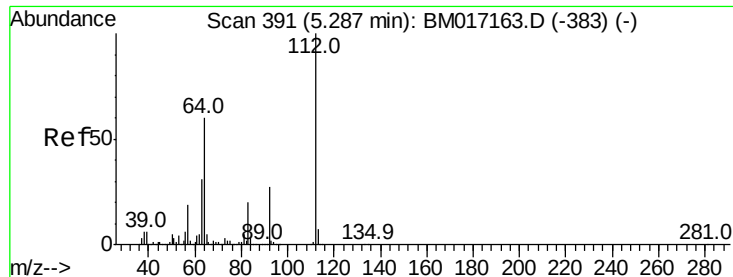


Abundance Ion 42.00 (41.70 to 42.70): BM017600.D (-79) (-)

Ion 74.00 (73.70 to 74.70): BM017600.D (-79) (-)

Ion 44.00 (43.70 to 44.70): BM017600.D (-79) (-)





#5

2-Fluorophenol

Concen: 164.534 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM017600.D

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RT-3263MS

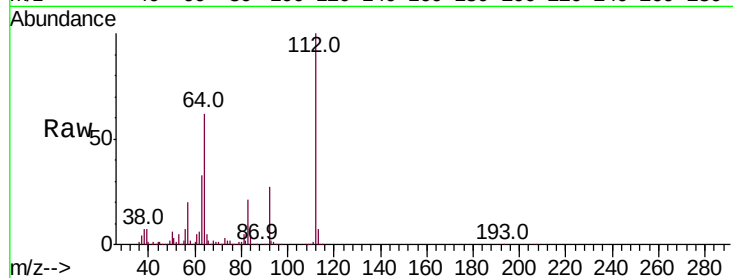
Tot Ion:112 Resp: 2657675

Ion Ratio Lower Upper

112 100

64 62.2 41.7 62.5

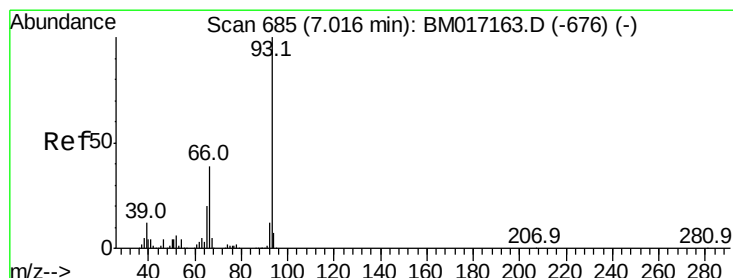
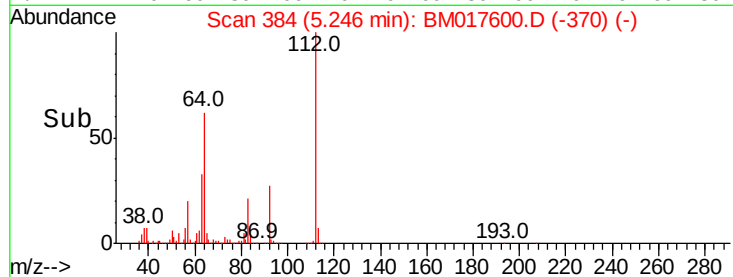
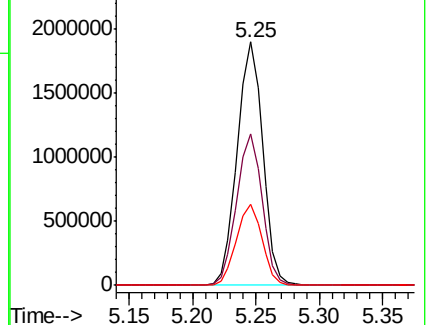
63 33.4 23.0 34.4



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: 44.235 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

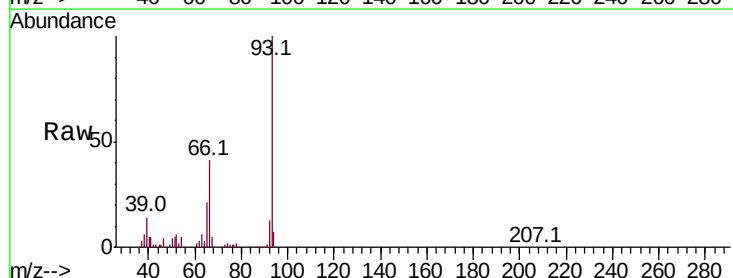
Tgt Ion: 93 Resp: 1217191

Ion Ratio Lower Upper

93 100

66 40.9 30.4 45.6

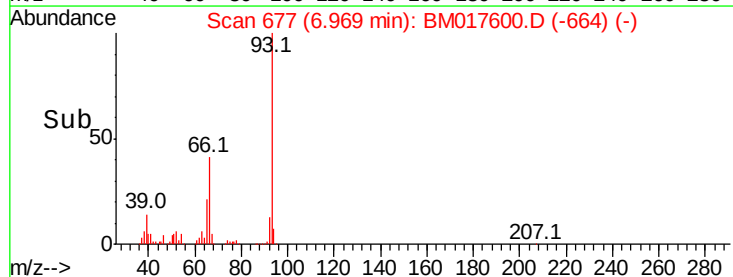
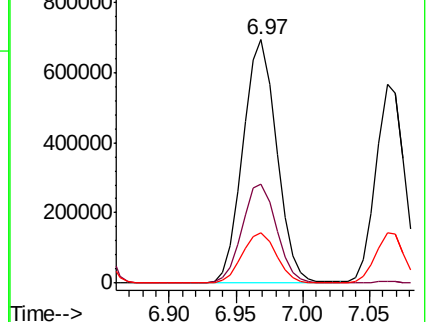
65 20.9 15.3 22.9

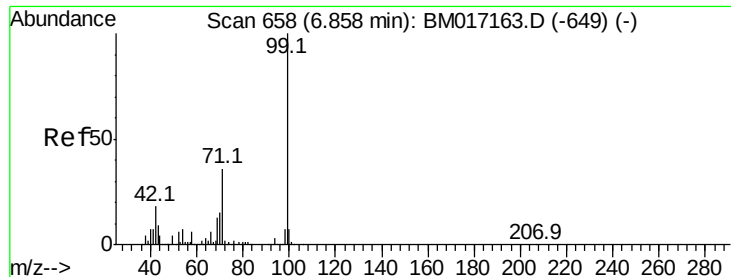


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 166.420 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017600.D

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Instrument :

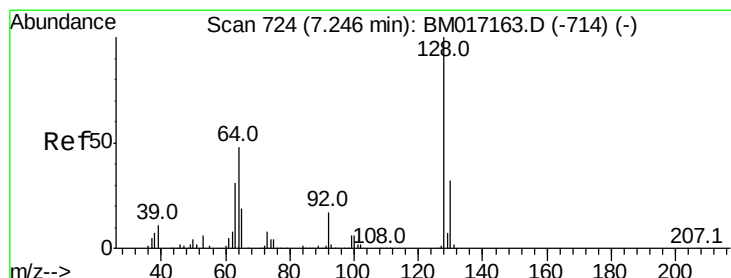
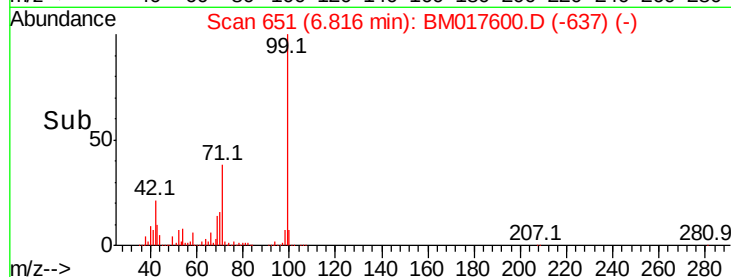
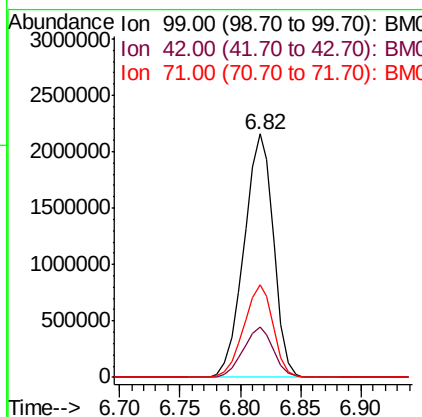
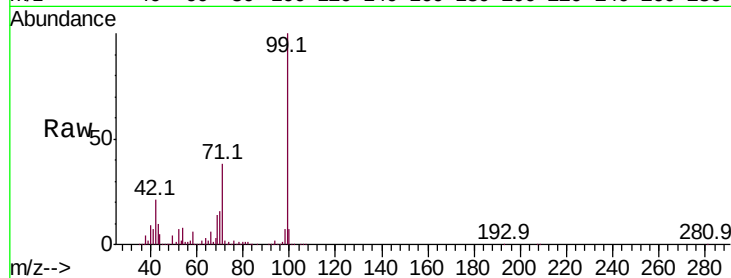
BNA_M

ClientSampleId :

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Tot Ion: 99 Resp: 3661102

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.3	19.9#
71	38.2	28.0	42.0



#8

2-Chlorophenol

Concen: 50.648 ng

RT: 7.19 min Scan# 715

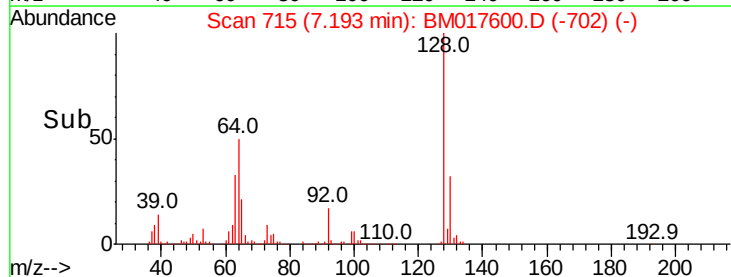
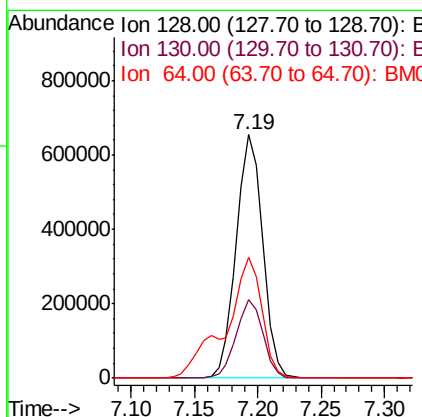
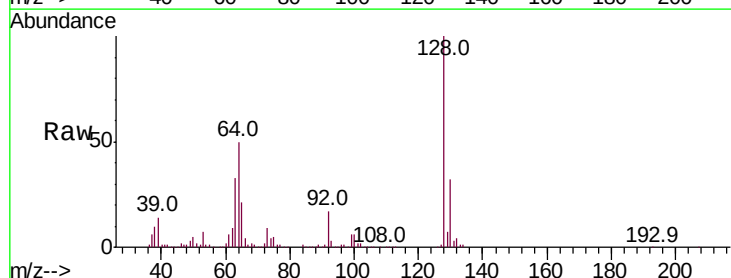
Delta R.T. -0.02 min

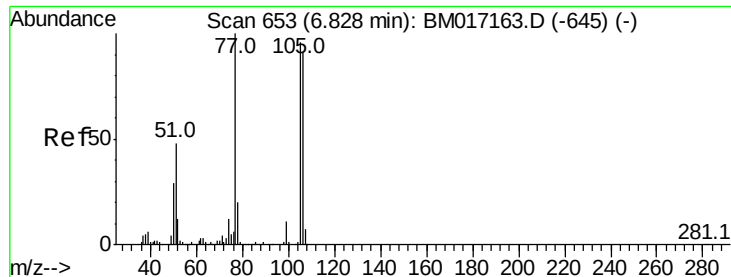
Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Tgt Ion: 128 Resp: 946446

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.0	51.0
64	49.8	24.1	64.1





#9

Benzaldehyde

Concen: 38.244 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

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BNA_M

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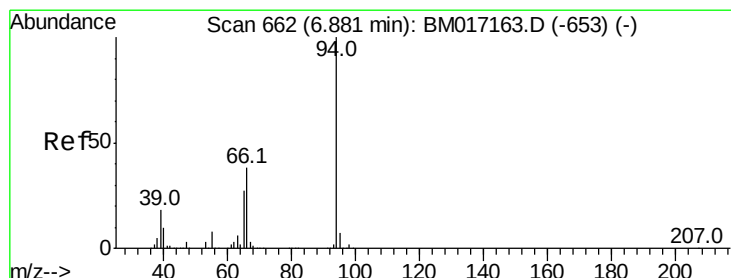
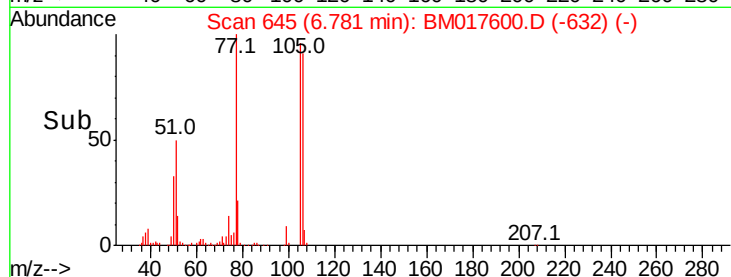
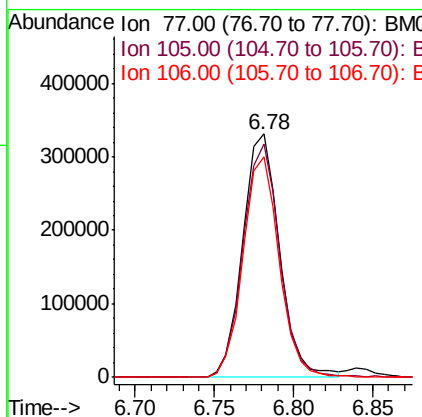
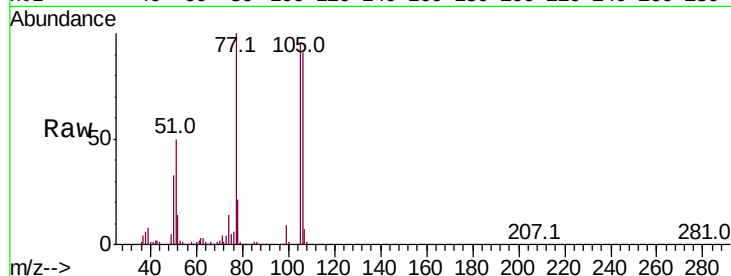
Tot Ion: 77 Resp: 536452

Ion Ratio Lower Upper

77 100

105 95.6 83.9 123.9

106 90.8 78.2 118.2



#10

Phenol

Concen: 58.715 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

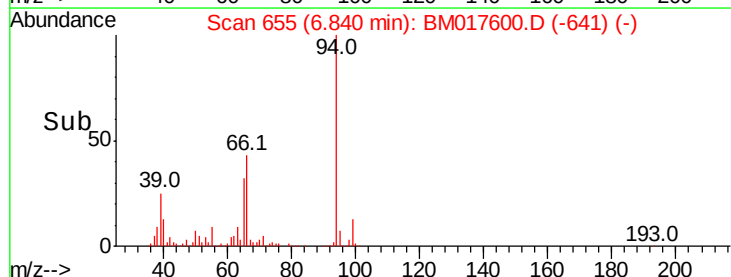
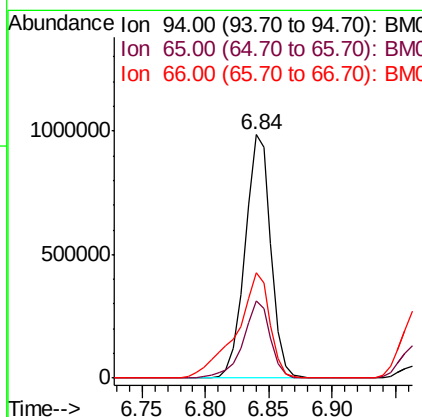
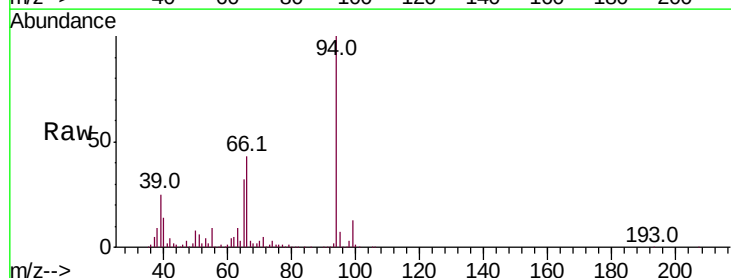
Tgt Ion: 94 Resp: 1390160

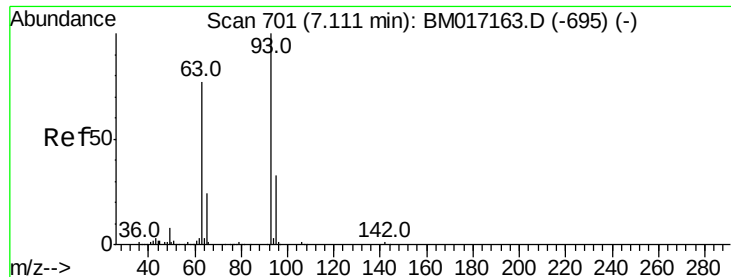
Ion Ratio Lower Upper

94 100

65 31.6 9.4 49.4

66 43.0 19.0 59.0

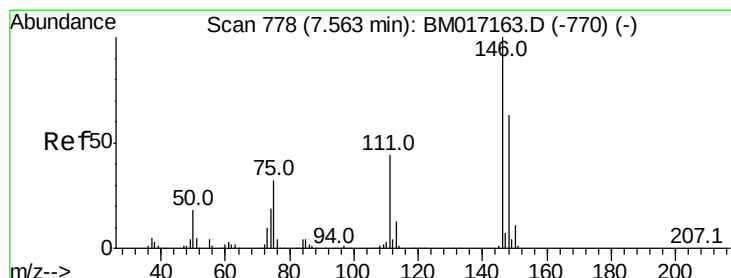
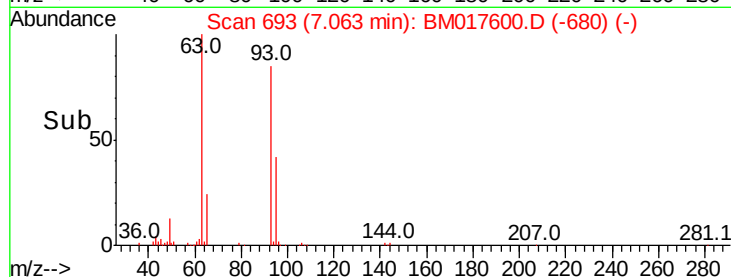
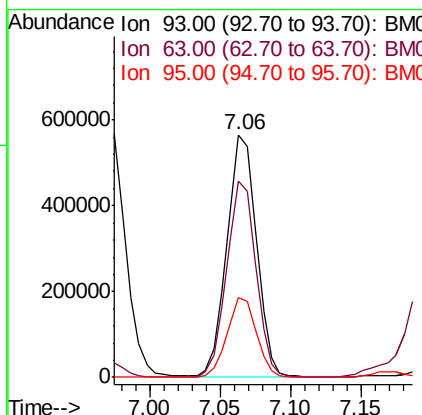
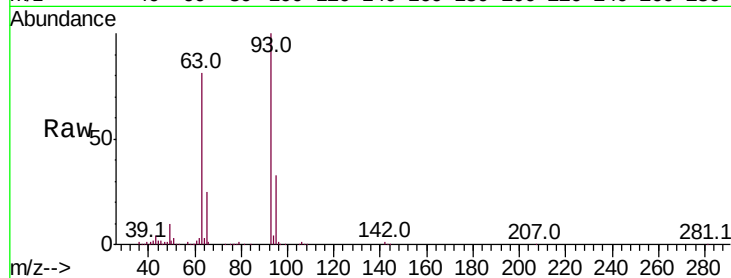




#11
bis(2-Chloroethyl)ether
Concen: 43.742 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

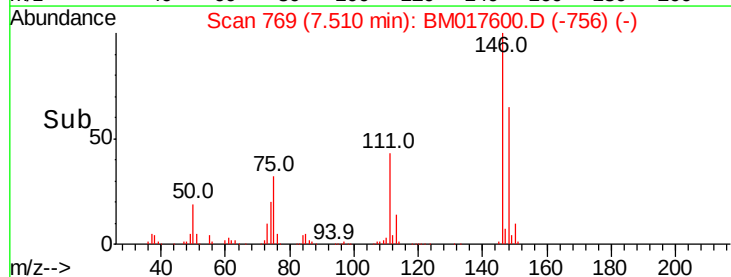
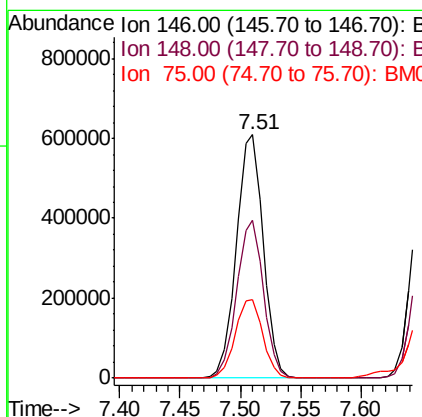
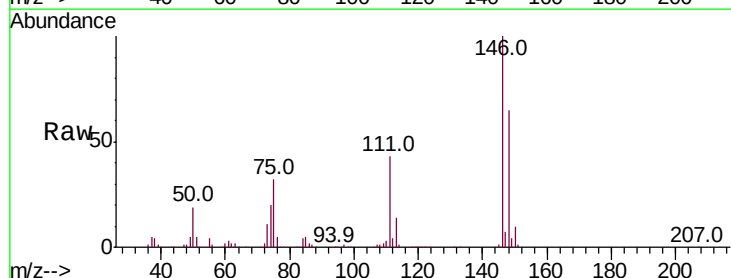
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

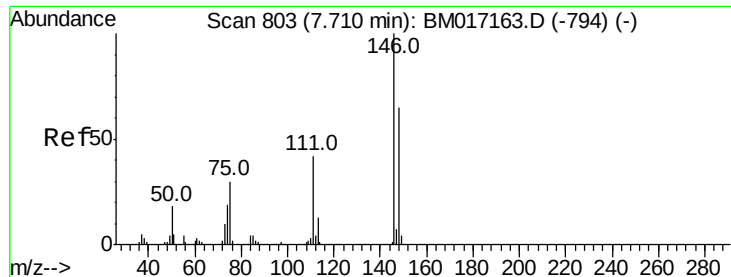
Tot Ion: 93 Resp: 825589
Ion Ratio Lower Upper
93 100
63 80.8 54.0 94.0
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.526 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion: 146 Resp: 948152
Ion Ratio Lower Upper
146 100
148 65.0 50.2 75.4
75 32.3 23.3 34.9

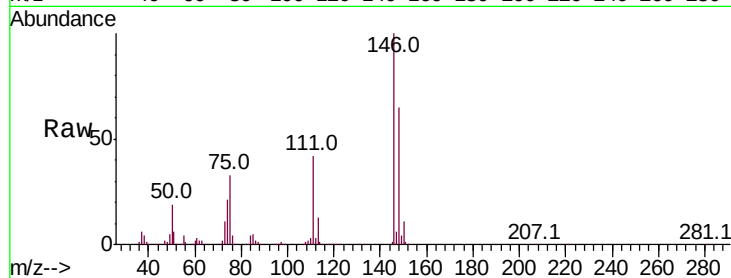




#13
 1,4-Dichlorobenzene
 Concen: 43.459 ng
 RT: 7.66 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.8	74.6
111	42.5	32.1	48.1

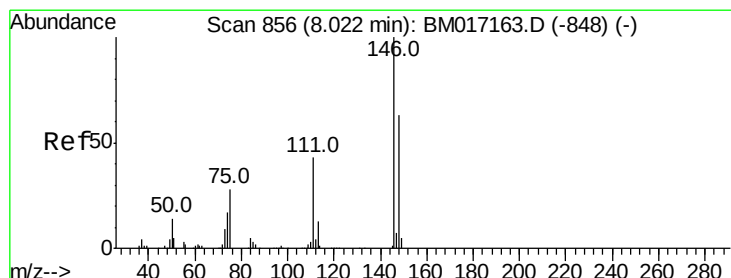
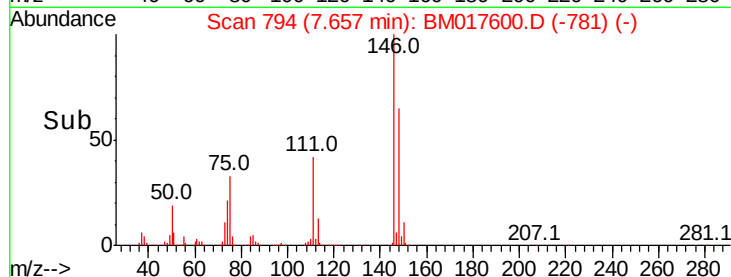
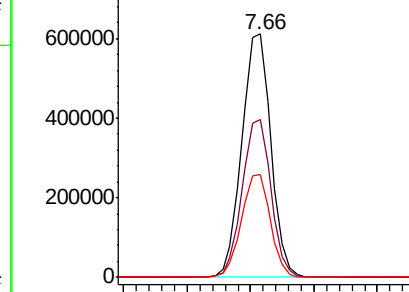


Abundance

Ion 146.00 (145.70 to 146.70): E

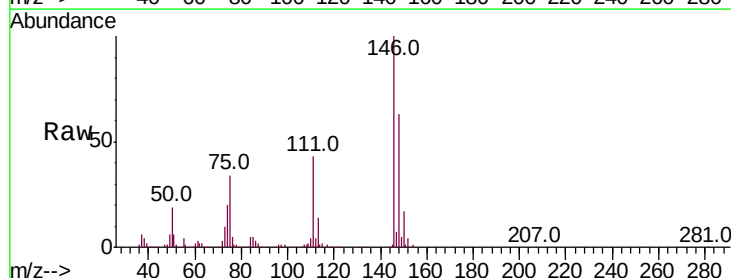
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.204 ng
 RT: 7.96 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	43.4	33.8	50.6

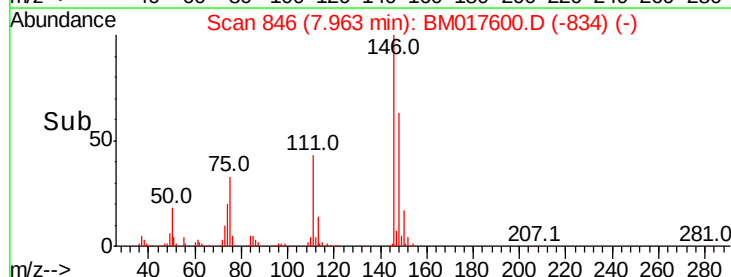
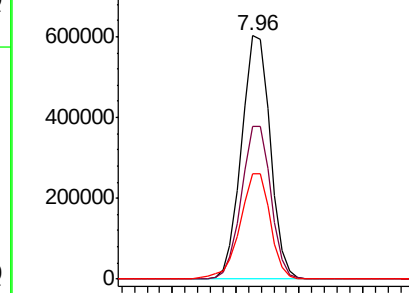


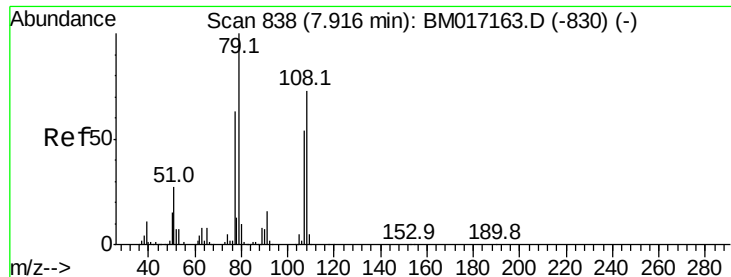
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.691 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

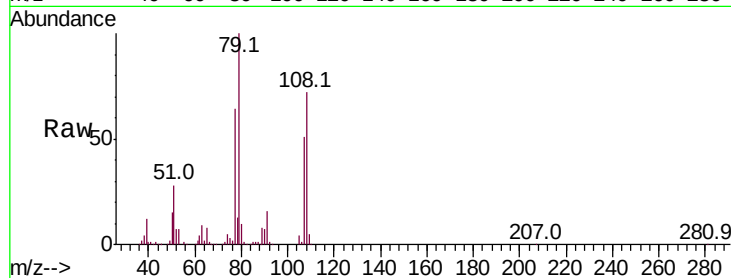
Tot Ion: 79 Resp: 879434

Ion Ratio Lower Upper

79 100

108 71.9 60.3 90.5

77 64.1 54.8 82.2

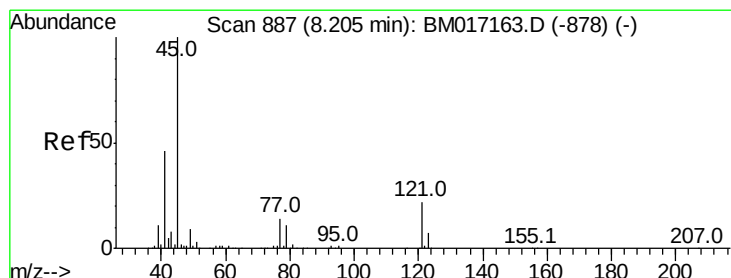
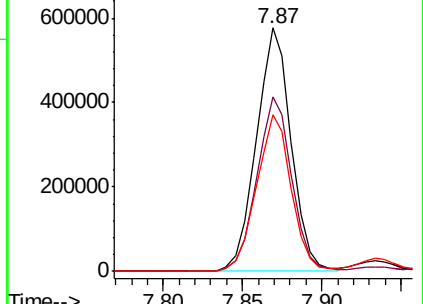
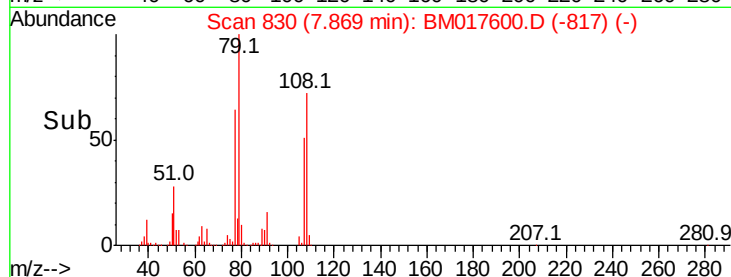


Abundance Ion 79.00 (78.70 to 79.70): BM017600.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM017600.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM017600.D (-817) (-)

7.87



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.572 ng

RT: 8.15 min Scan# 877

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

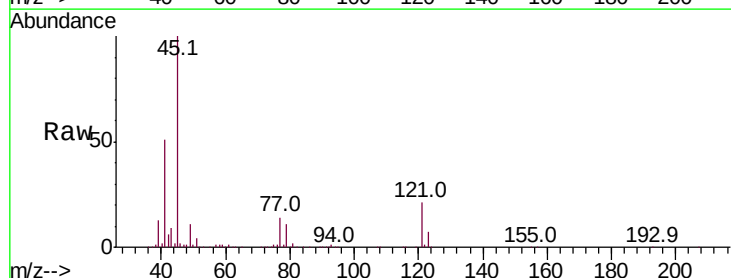
Tgt Ion: 45 Resp: 1254399

Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.5

79 10.6 0.0 32.1

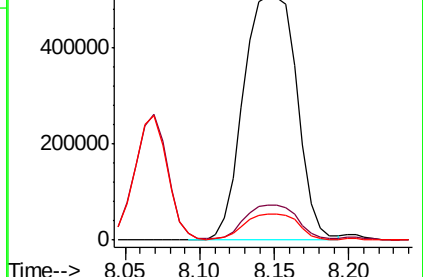
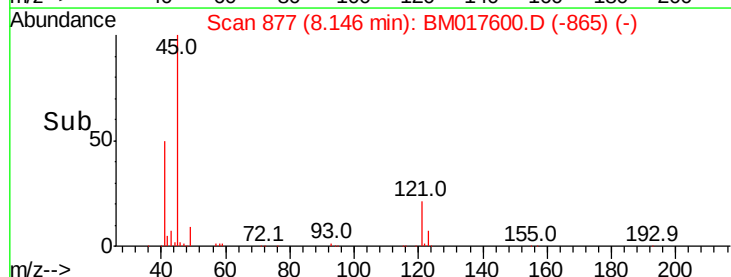


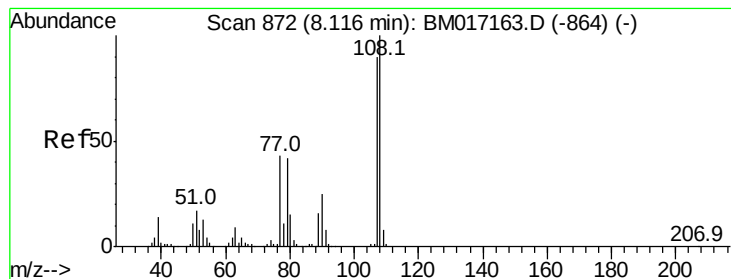
Abundance Ion 45.00 (44.70 to 45.70): BM017600.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM017600.D (-865) (-)

Ion 79.00 (78.70 to 79.70): BM017600.D (-865) (-)

8.15

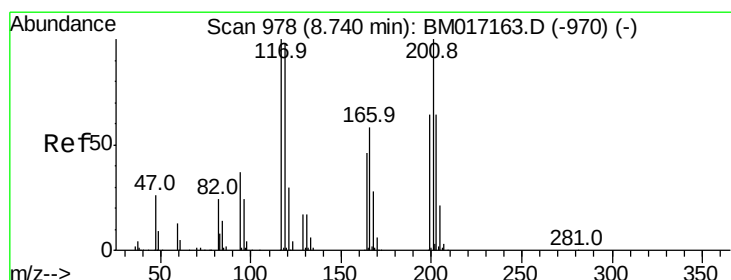
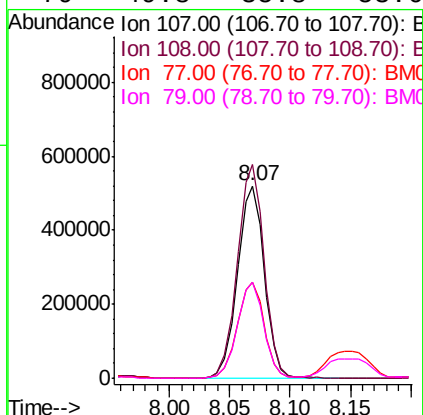
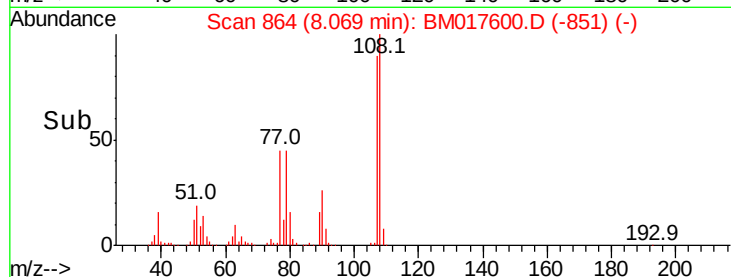
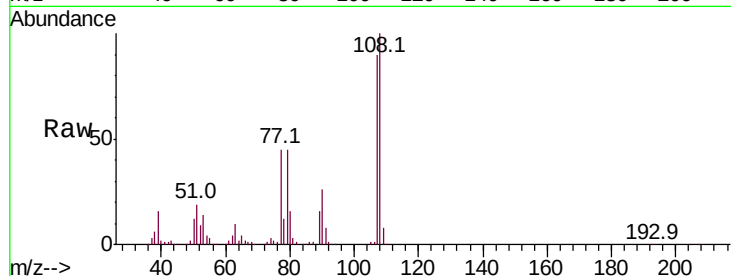




#17
2-Methylphenol
Concen: 52.955 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

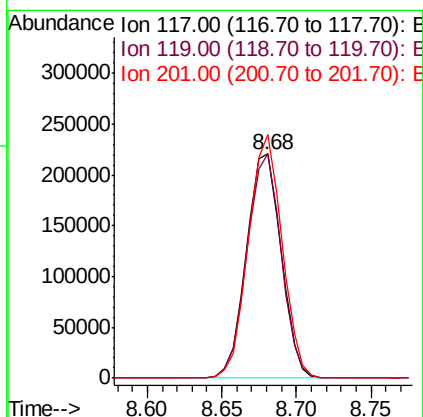
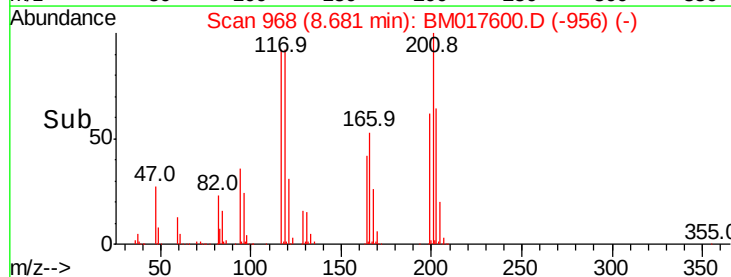
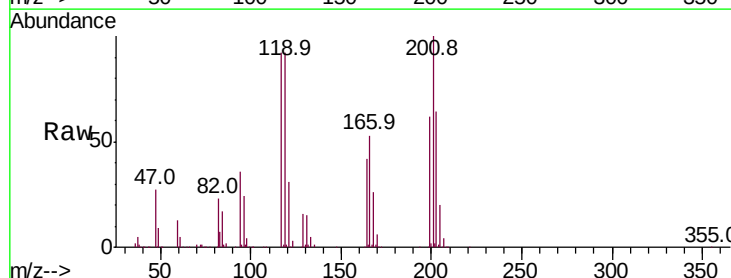
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

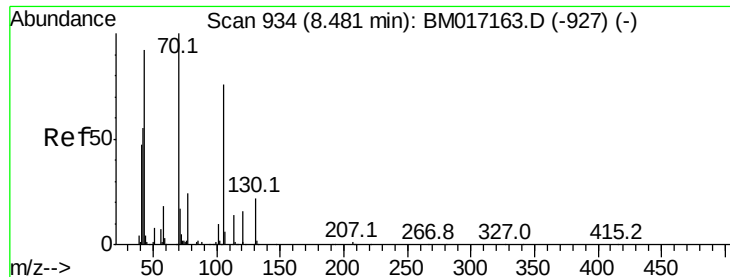
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.3	135.5
77	50.2	37.0	55.4
79	49.8	35.8	53.6



#18
Hexachloroethane
Concen: 46.595 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	78.2	117.2
201	108.6	85.3	127.9

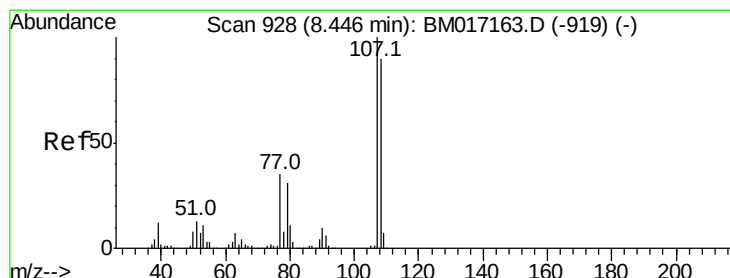
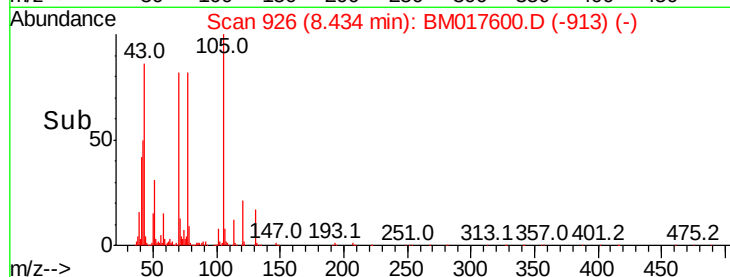
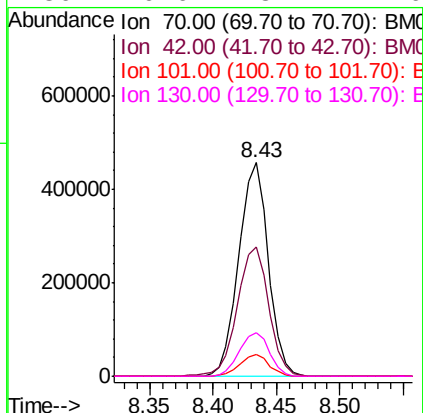
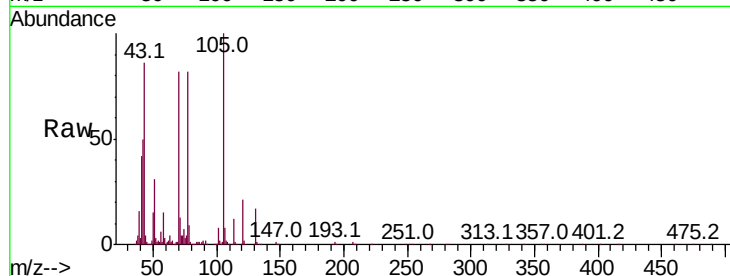




#19
n-Nitroso-di-n-propylamine
Concen: 51.178 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

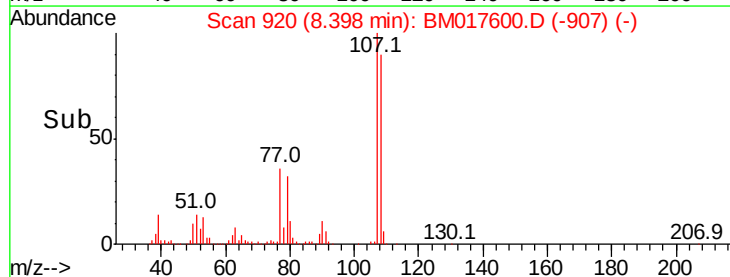
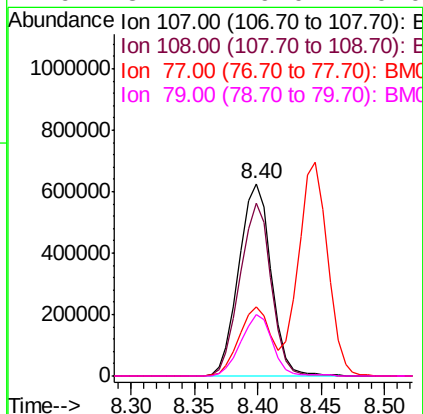
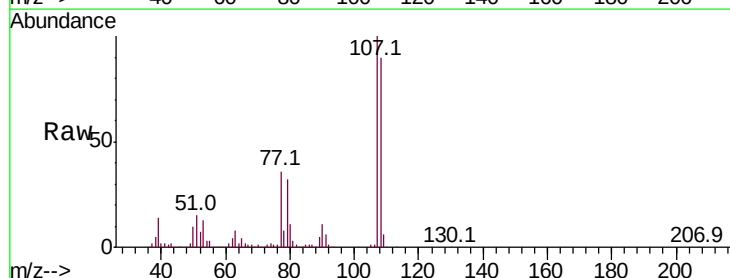
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

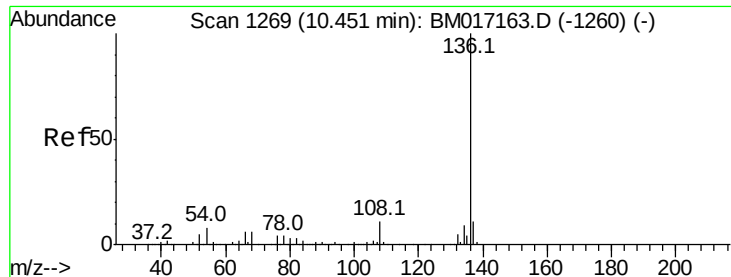
Tot Ion:	70	Resp:	741337
Ion	Ratio	Lower	Upper
70	100		
42	60.8	46.1	69.1
101	10.1	8.2	12.4
130	20.6	18.4	27.6



#20
3+4-Methylphenols
Concen: 53.260 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:	107	Resp:	1107012
Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	35.7	12.2	52.2
79	32.2	9.0	49.0

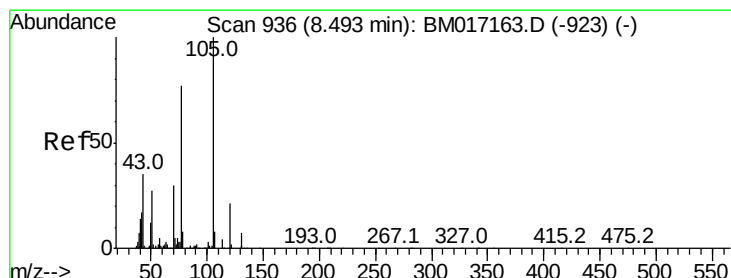
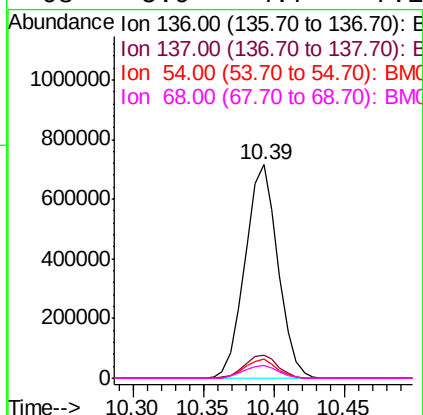
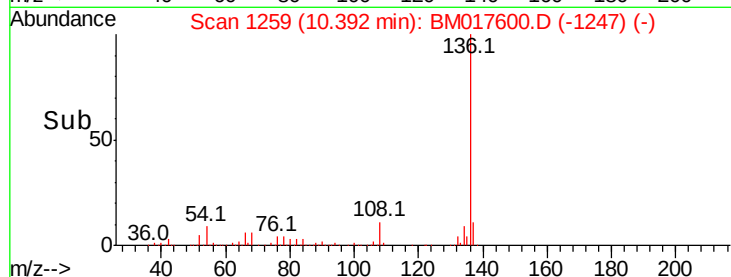
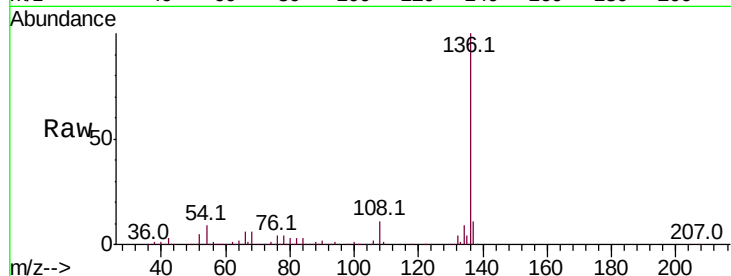




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

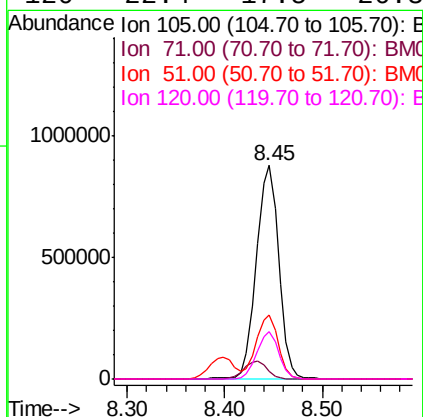
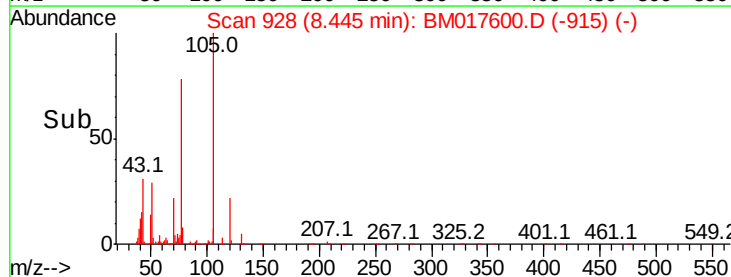
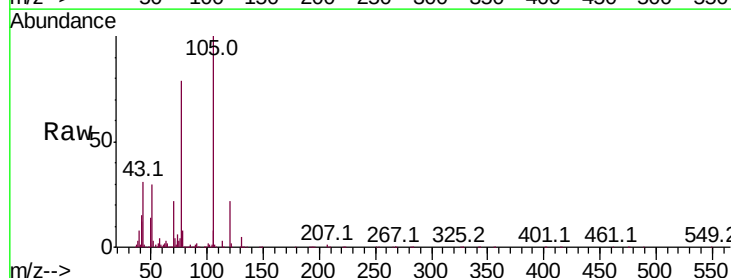
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

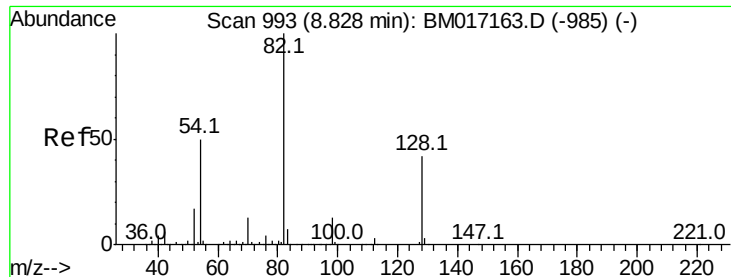
Tot Ion:136	Resp: 1168850
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 8.9	6.7 10.1
68 5.9	4.7 7.1



#22
Acetophenone
Concen: 48.099 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt	Ion:105	Resp:	1425119
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.0	3.0#
51	29.7	20.6	31.0
120	22.4	17.5	26.3



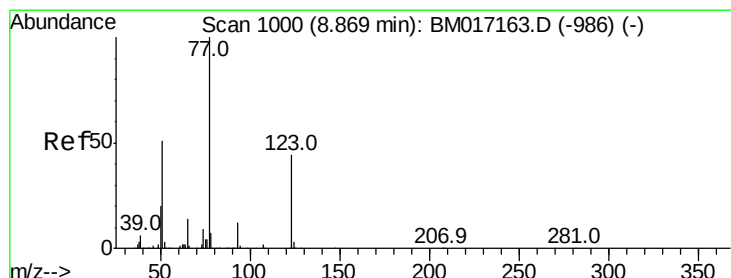
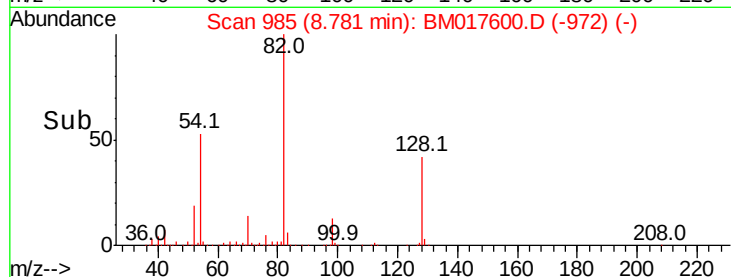
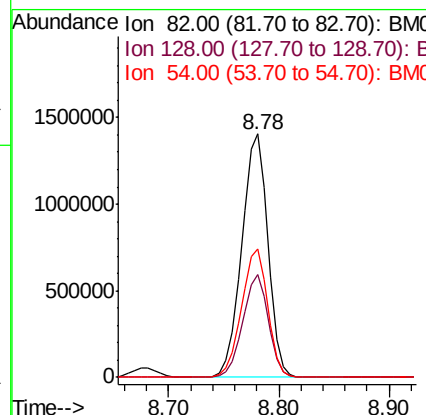
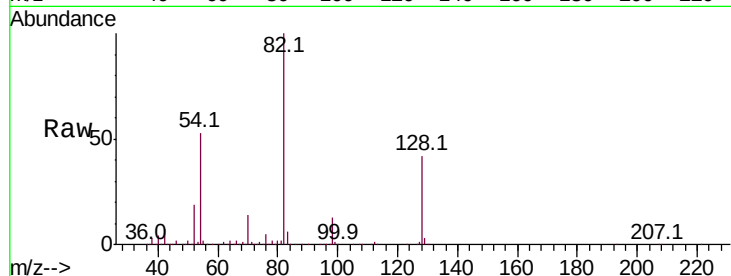


#23
 Nitrobenzene-d5
 Concen: 116.834 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion: 82 Resp: 2334964

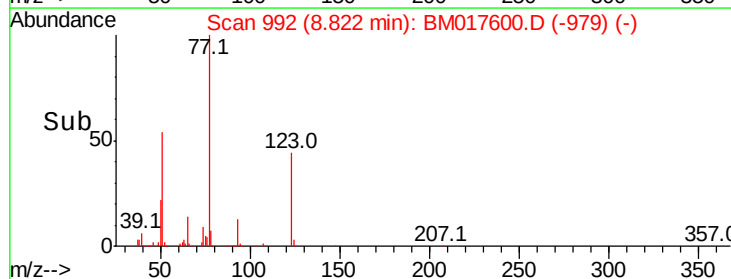
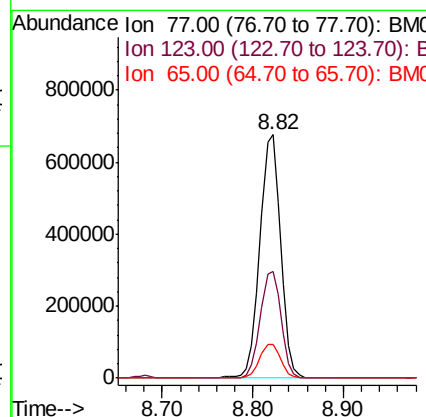
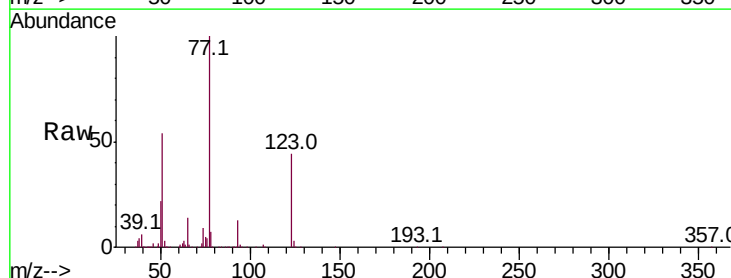
Ion	Ratio	Lower	Upper
82	100		
128	42.2	37.0	55.6
54	52.7	40.7	61.1

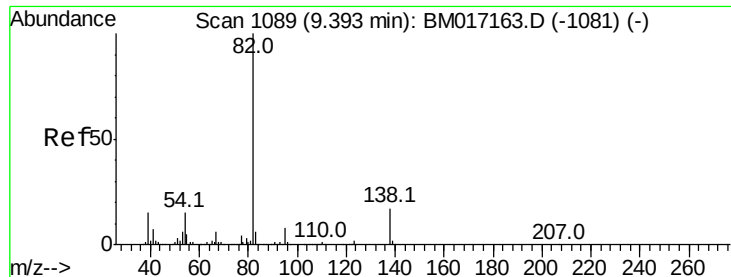


#24
 Nitrobenzene
 Concen: 50.793 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion: 77 Resp: 1073769

Ion	Ratio	Lower	Upper
77	100		
123	44.0	40.2	60.4
65	13.9	11.4	17.0





#25

Isophorone

Concen: 59.832 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

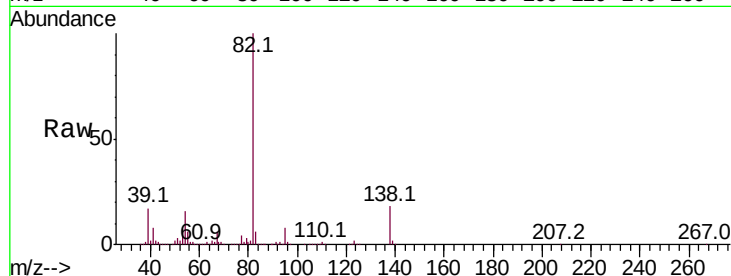
Tot Ion: 82 Resp: 1974530

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

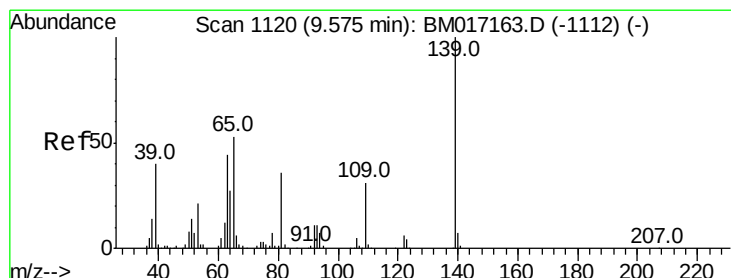
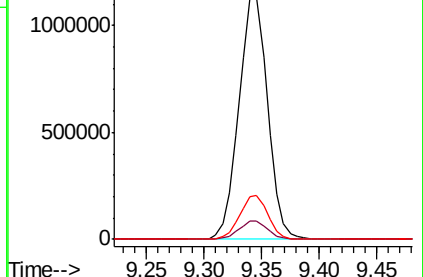
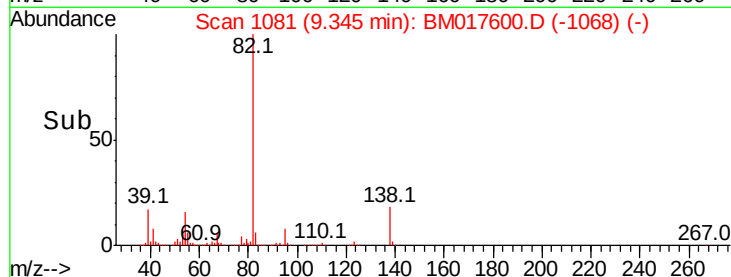
138 17.8 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017600.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BM017600.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BM017600.D (-1081) (-)



#26

2-Nitrophenol

Concen: 51.951 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

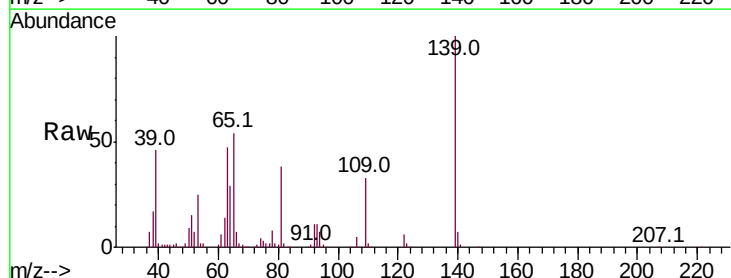
Tgt Ion: 139 Resp: 519265

Ion Ratio Lower Upper

139 100

109 33.3 23.2 34.8

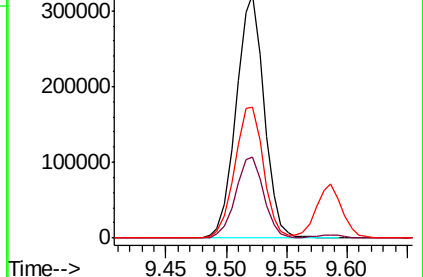
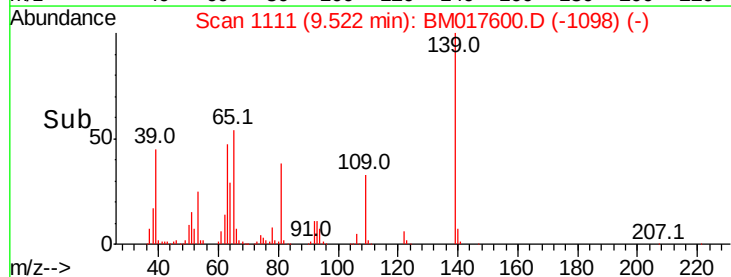
65 53.7 40.6 61.0

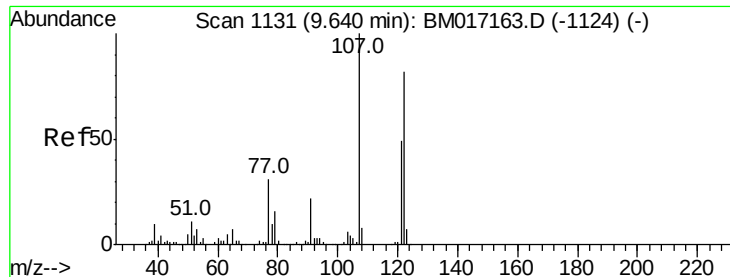


Abundance Ion 139.00 (138.70 to 139.70): BM017600.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017600.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017600.D (-1098) (-)

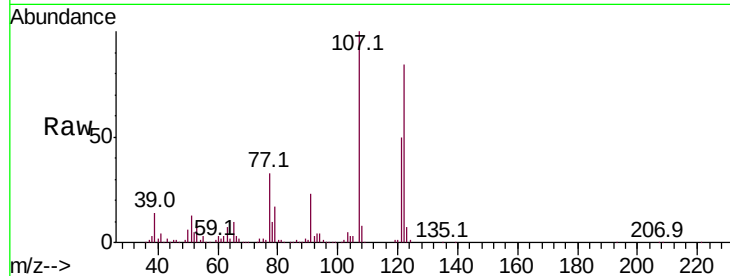




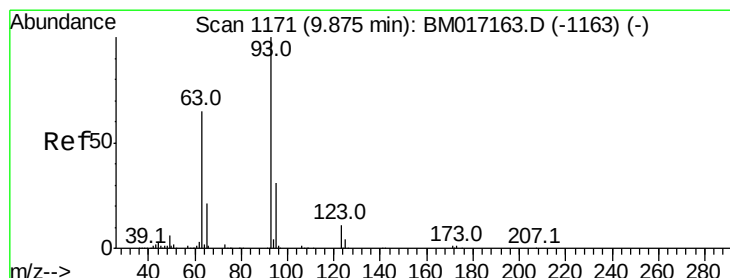
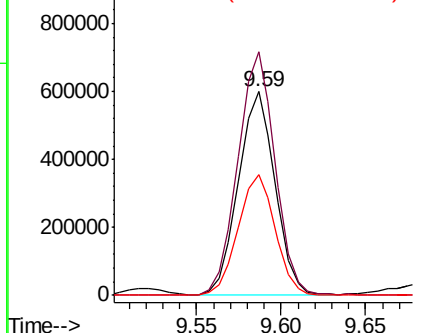
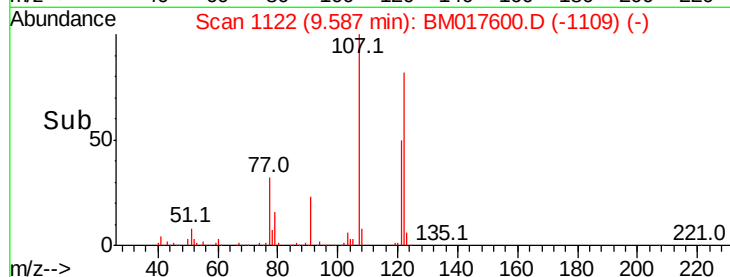
#27
2,4-Dimethylphenol
Concen: 61.940 ng
RT: 9.59 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:122 Resp: 903870
Ion Ratio Lower Upper
122 100
107 119.7 95.0 142.6
121 59.6 48.2 72.4

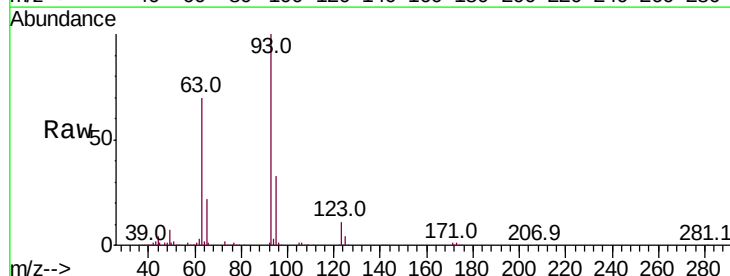


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

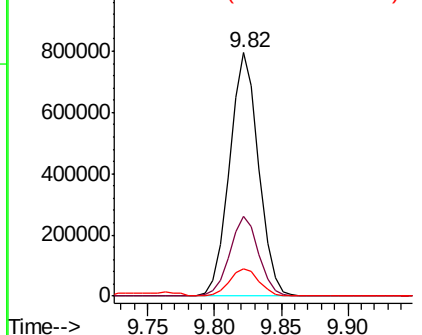
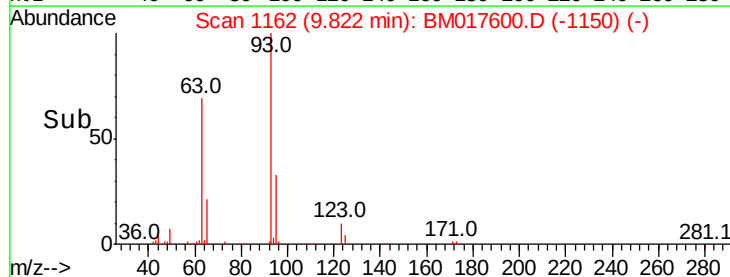


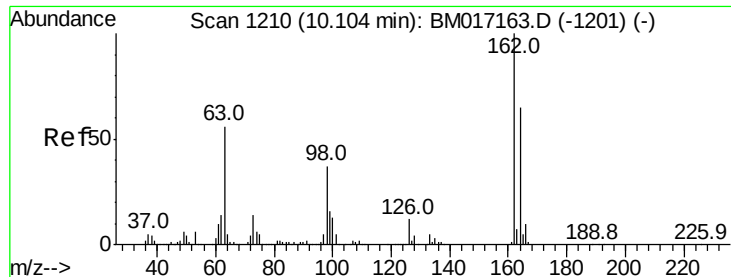
#28
bis(2-Chloroethoxy)methane
Concen: 51.971 ng
RT: 9.82 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion: 93 Resp: 1207175
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 11.3 9.4 14.0



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

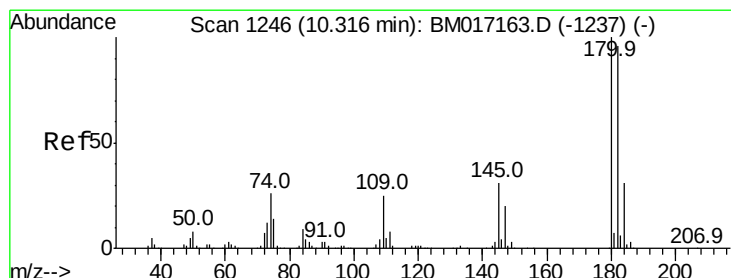
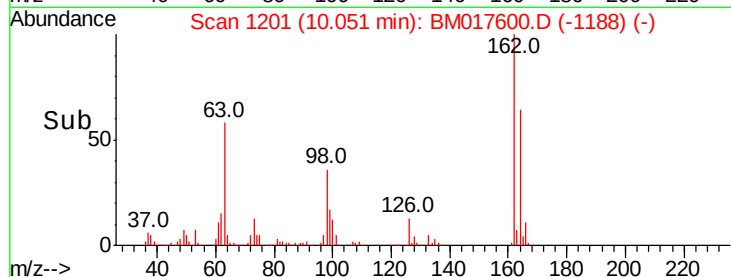
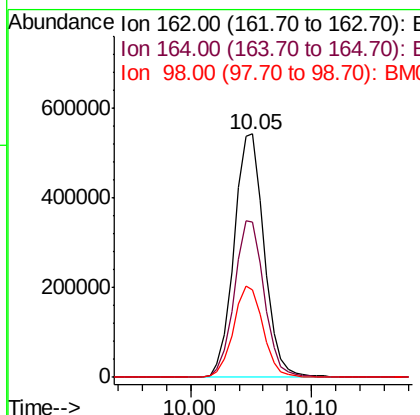
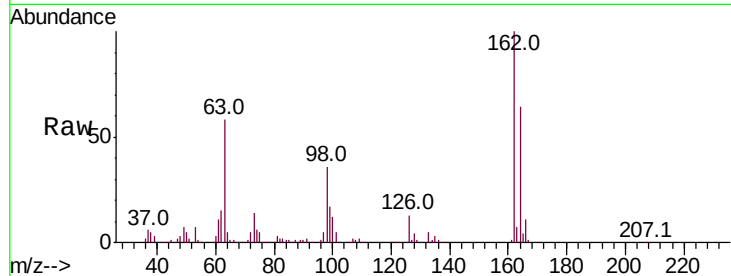




#29
2,4-Dichlorophenol
Concen: 55.820 ng
RT: 10.05 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

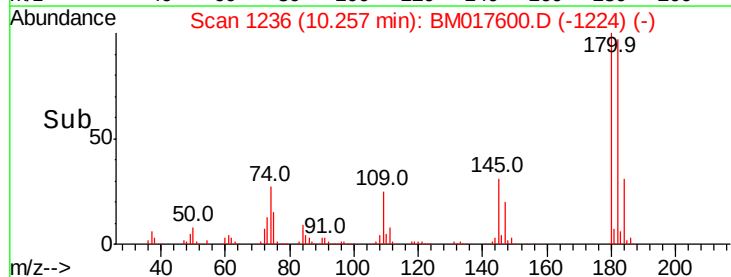
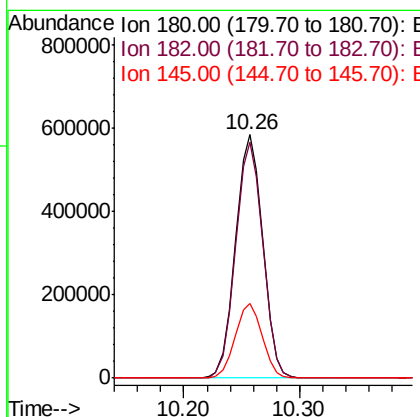
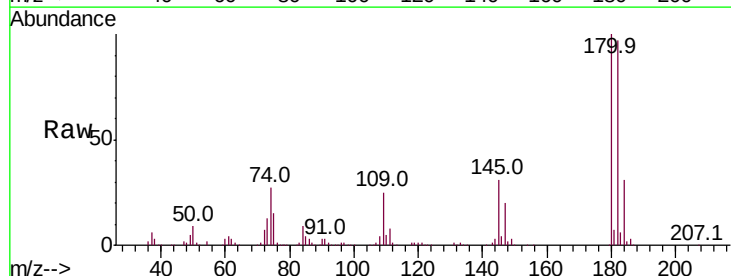
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

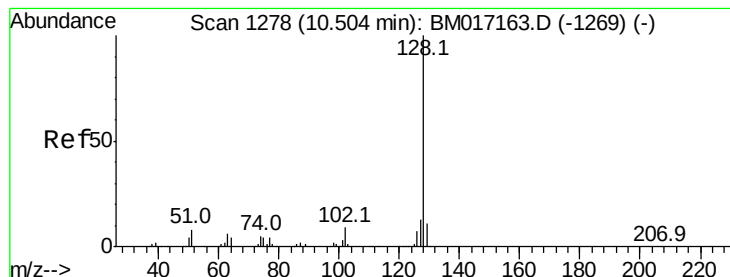
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.9	84.9
98	36.1	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 47.011 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	30.8	24.0	36.0

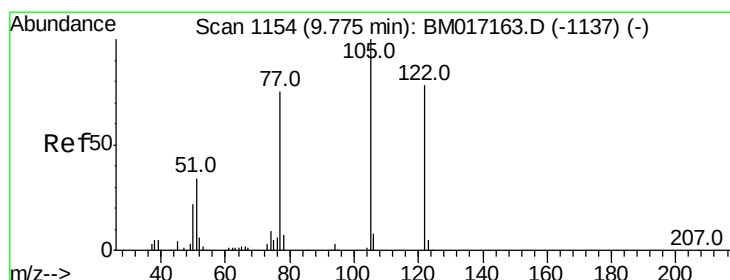
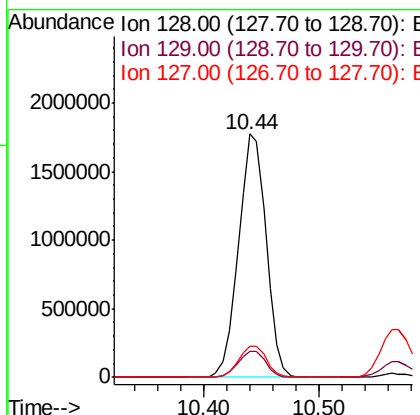
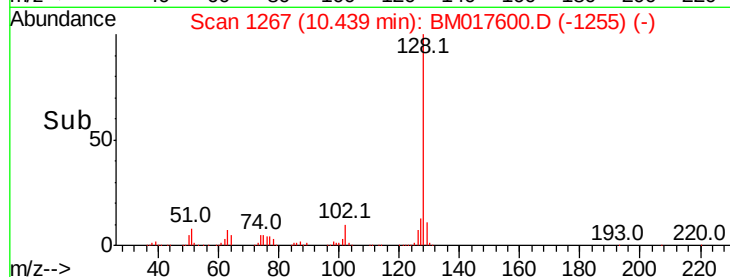
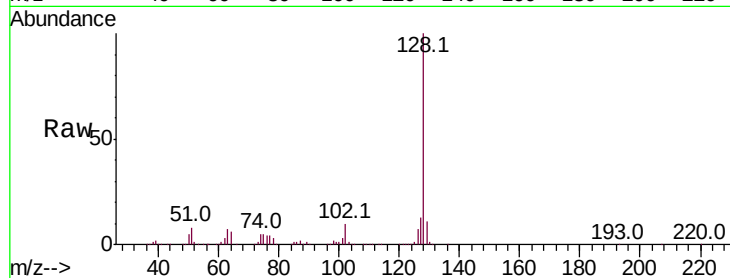




#31
Naphthalene
Concen: 51.187 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

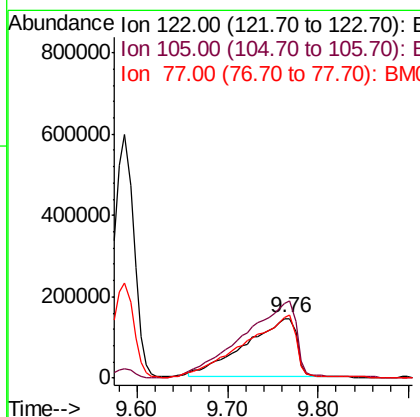
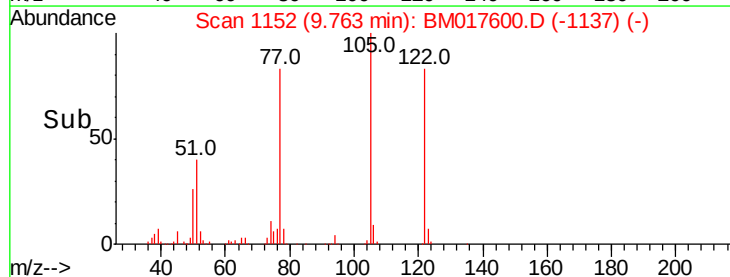
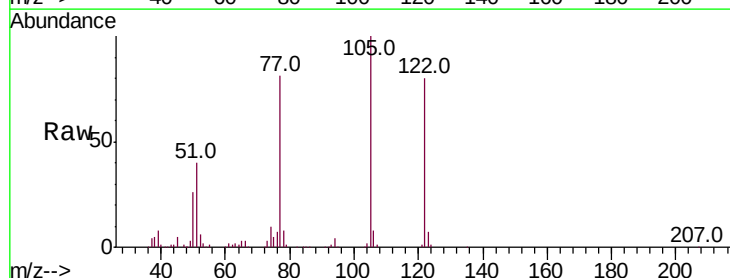
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

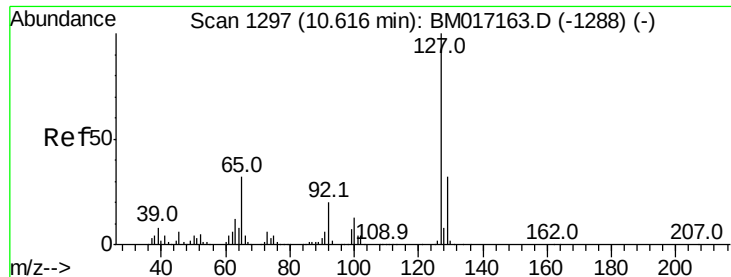
Tot Ion:128 Resp: 2932008
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 52.169 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:122 Resp: 568024
Ion Ratio Lower Upper
122 100
105 124.3 102.0 142.0
77 101.0 67.7 107.7

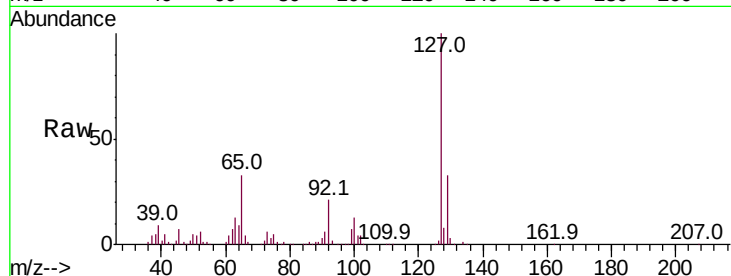




#33
4-Chloroaniline
Concen: 27.090 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:	127	Resp:	670165
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.2	39.4
65	33.4	23.7	35.5
92	20.6	14.3	21.5



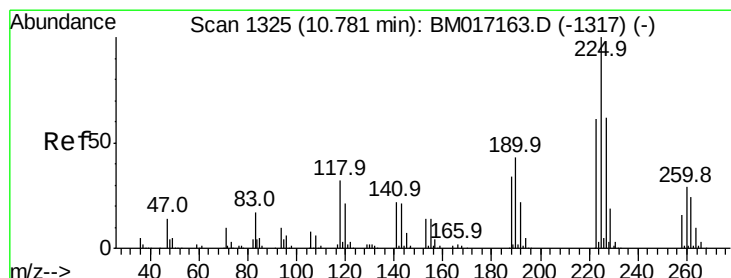
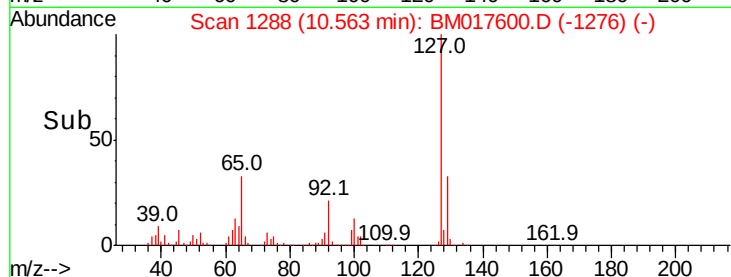
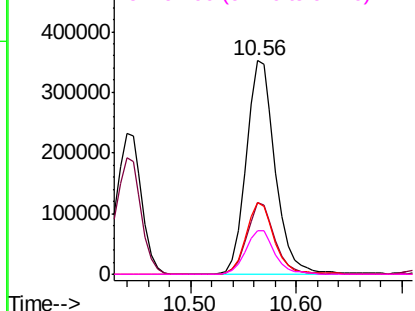
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

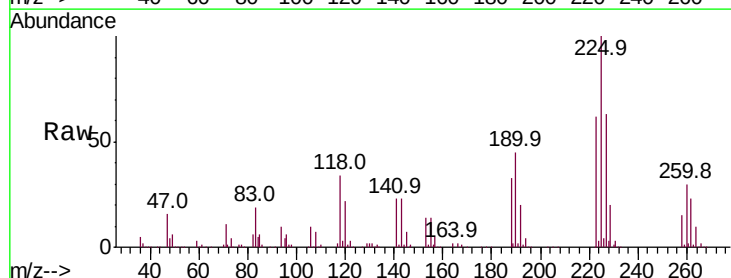
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 44.561 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.04 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:	225	Resp:	573864
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	62.8	50.8	76.2

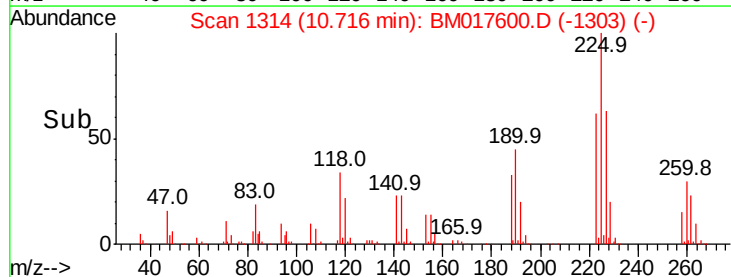
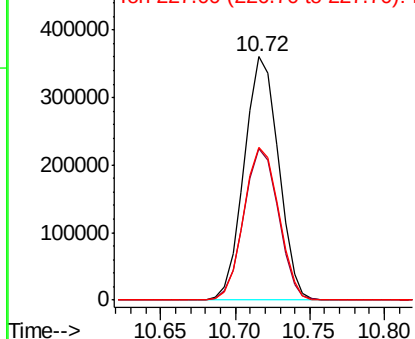


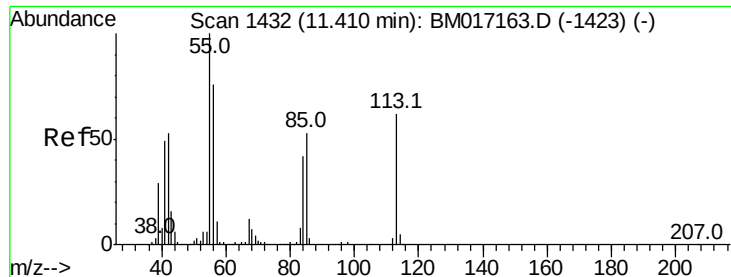
Abundance

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: 12.735 ng

RT: 11.38 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

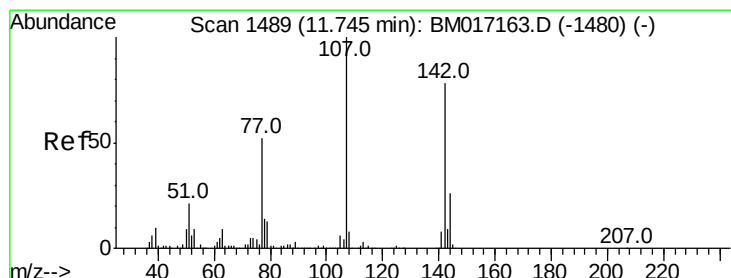
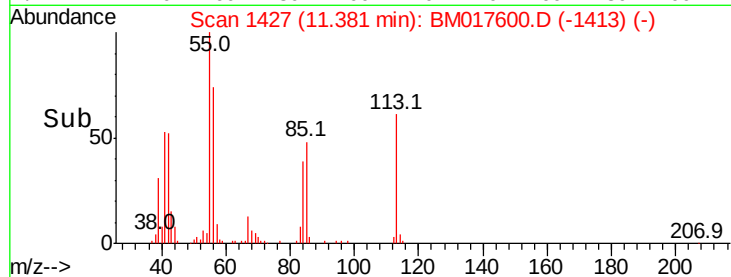
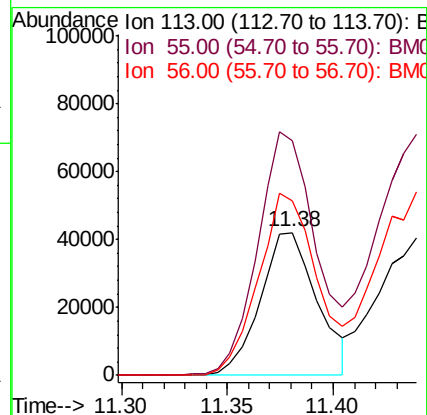
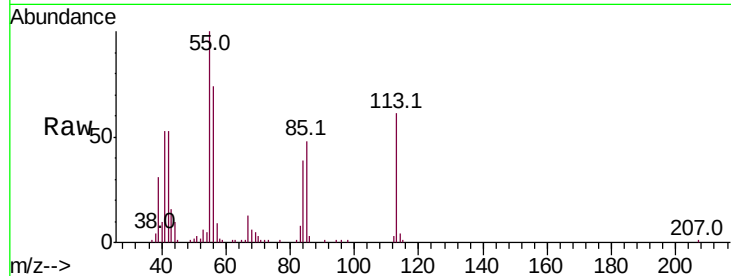
Tot Ion:113 Resp: 78633

Ion Ratio Lower Upper

113 100

55 165.0 147.0 187.0

56 121.9 104.5 144.5



#36

4-Chloro-3-methylphenol

Concen: 56.636 ng

RT: 11.70 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

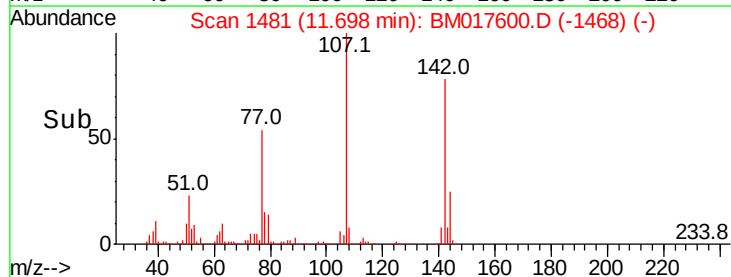
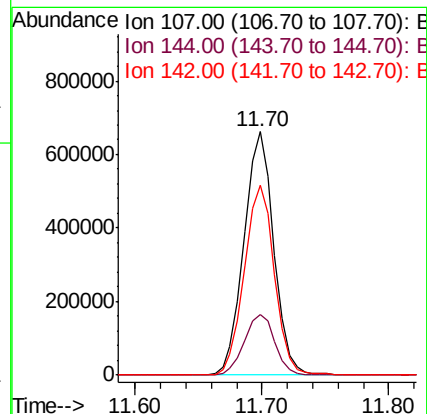
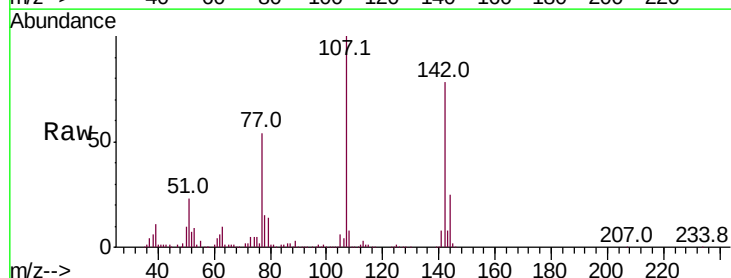
Tgt Ion:107 Resp: 1081648

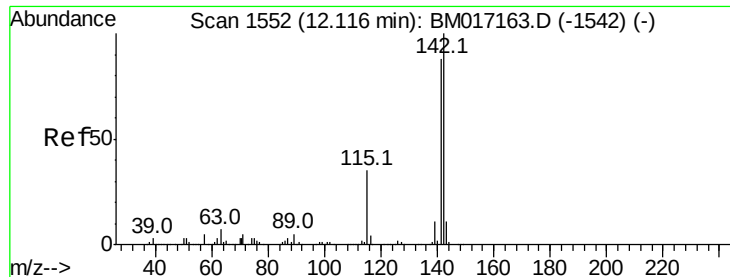
Ion Ratio Lower Upper

107 100

144 24.9 21.6 32.4

142 78.2 66.0 99.0

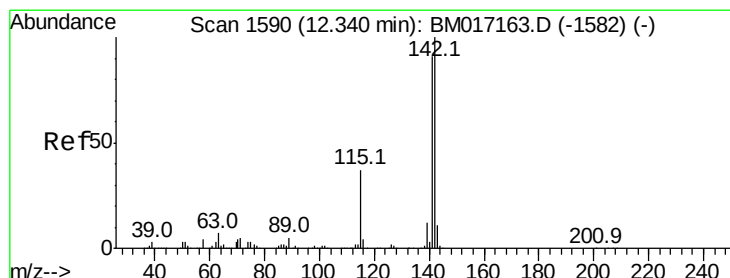
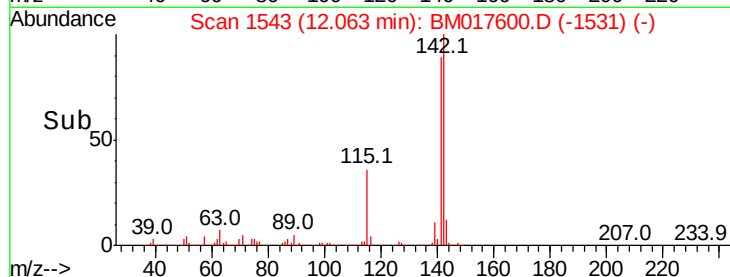
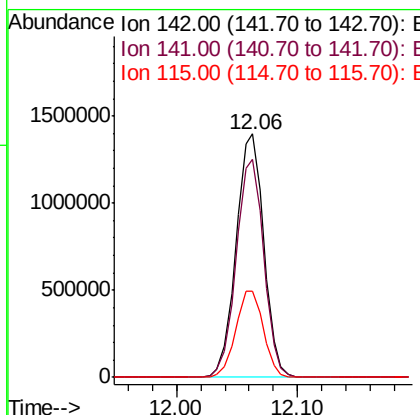
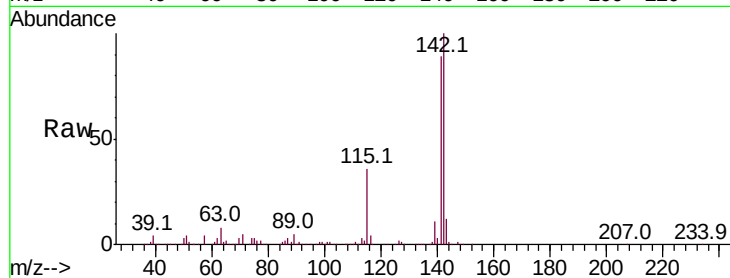




#37
2-Methylnaphthalene
Concen: 56.983 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

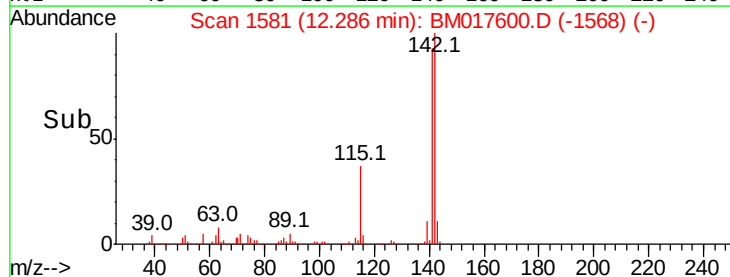
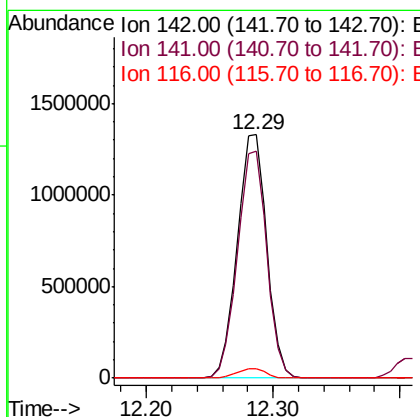
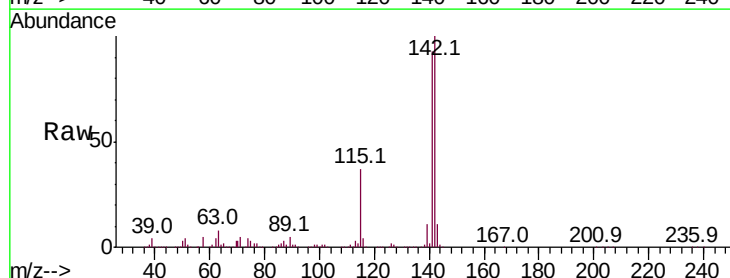
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

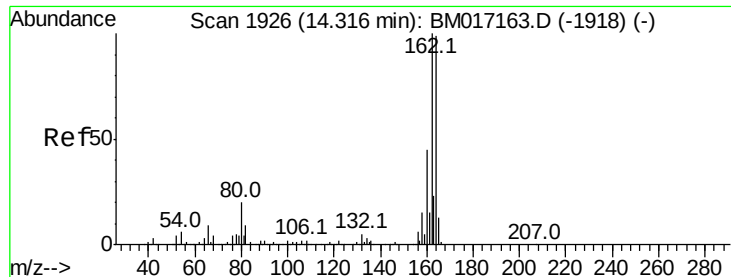
Tot Ion:142 Resp: 2233559
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 35.6 26.4 39.6



#38
1-Methylnaphthalene
Concen: 55.922 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:142 Resp: 2133417
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.6
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

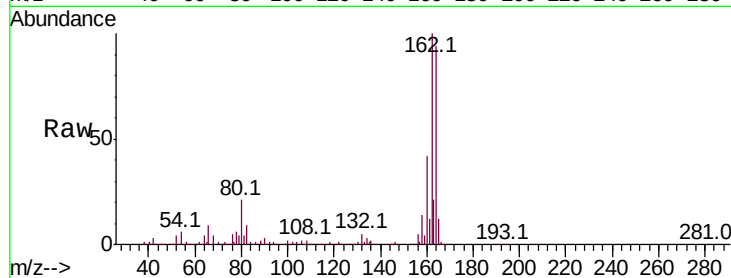
BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:164 Resp: 712337

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.1	123.1
160	44.4	40.2	60.2

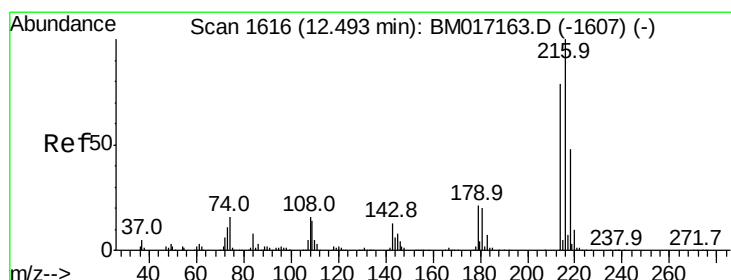
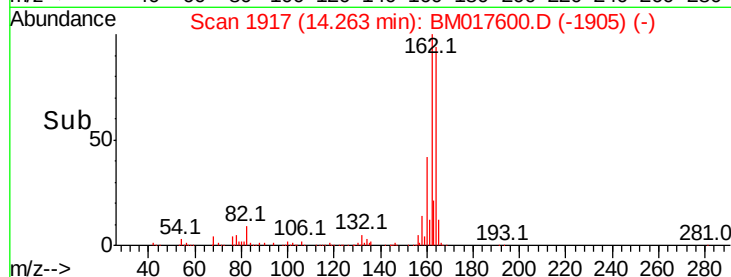
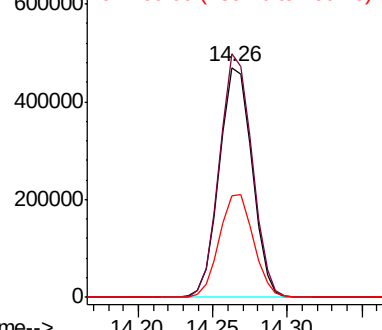


Abundance

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: 45.826 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Tgt Ion:216 Resp: 1149599

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	21.4	16.6	24.8
108	20.9	13.5	20.3

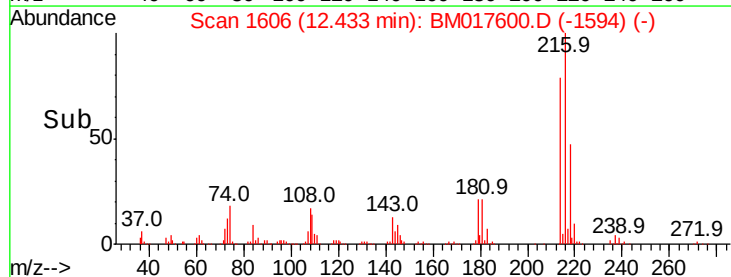
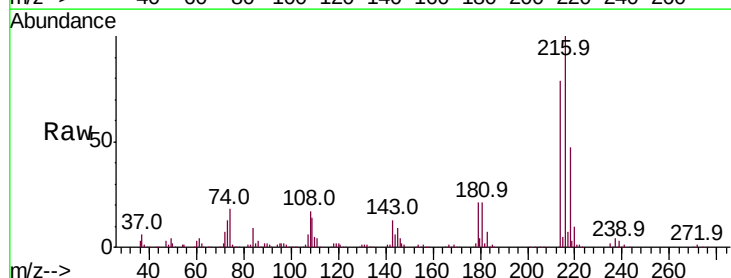
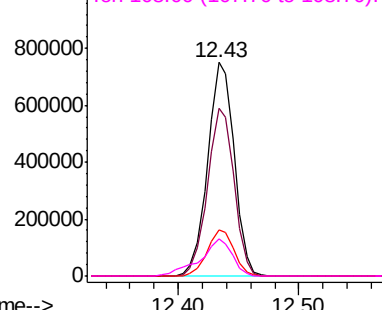
Abundance

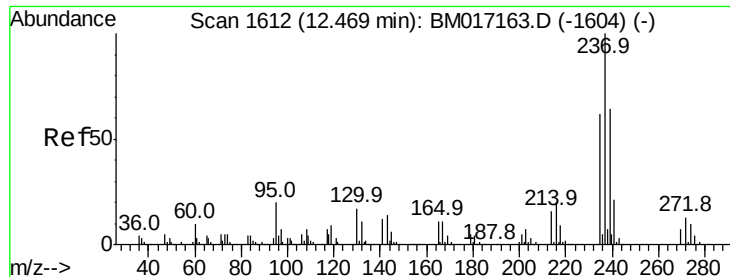
Ion 216.00 (215.70 to 216.70): E

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

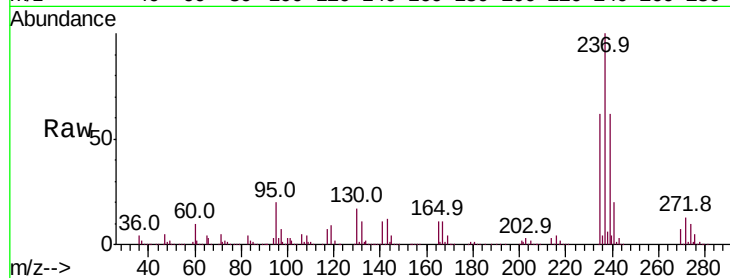




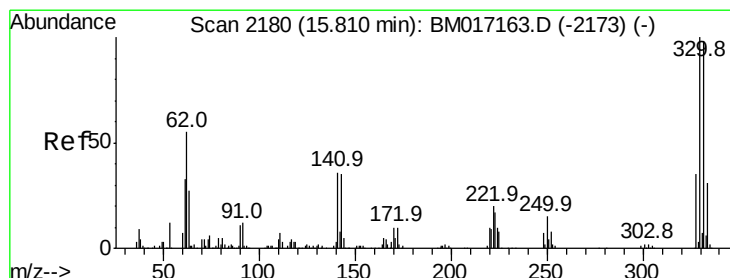
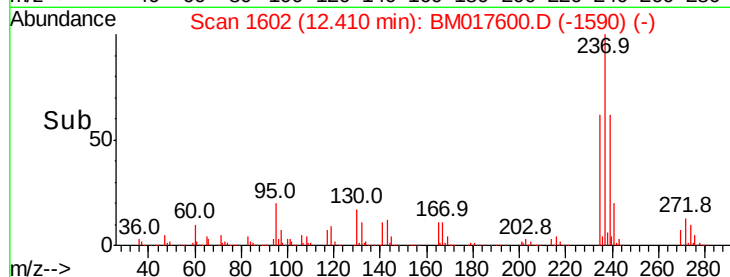
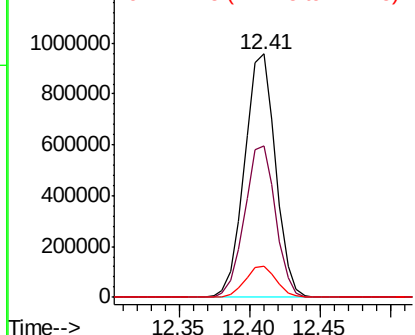
#41
Hexachlorocyclopentadiene
Concen: 121.267 ng
RT: 12.41 min Scan# 1602
Delta R.T. -0.03 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:237 Resp: 1470665
Ion Ratio Lower Upper
237 100
235 62.2 42.4 82.4
272 12.7 0.0 33.0

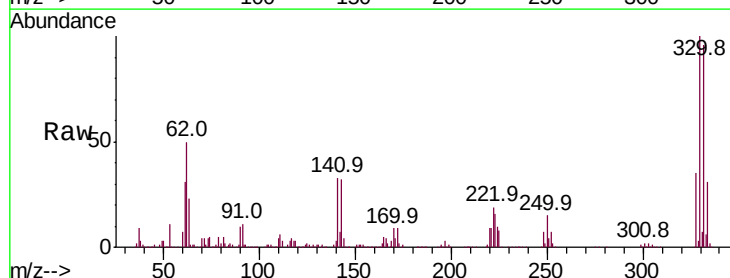


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

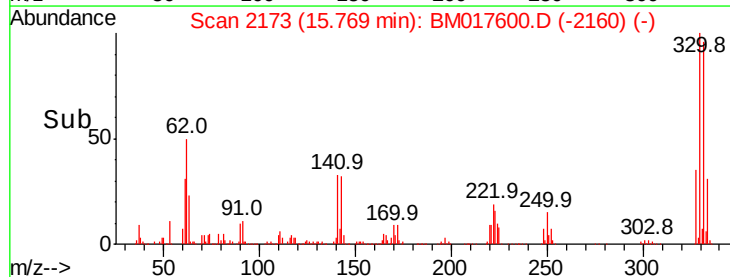
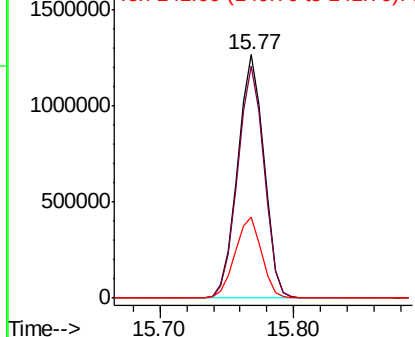


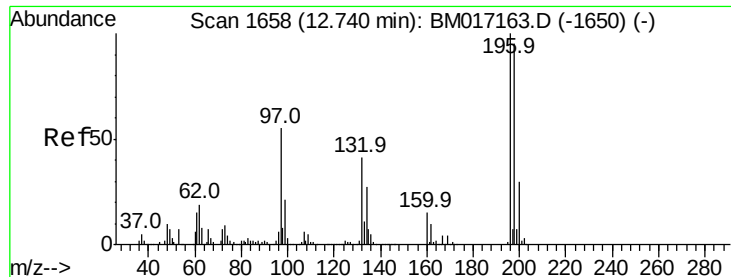
#42
2,4,6-Tribromophenol
Concen: 179.910 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:330 Resp: 1733127
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.5 27.4 41.0



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: 55.965 ng

RT: 12.69 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

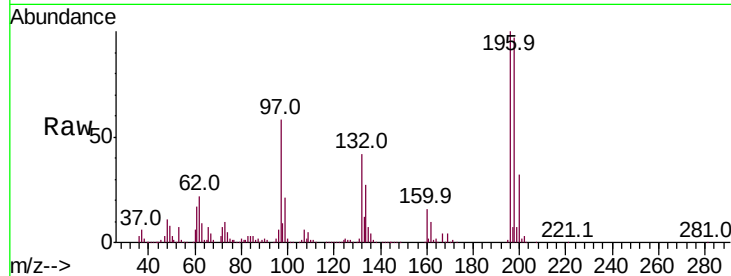
Tot Ion:196 Resp: 814992

Ion Ratio Lower Upper

196 100

198 96.6 77.1 115.7

200 31.5 25.0 37.4

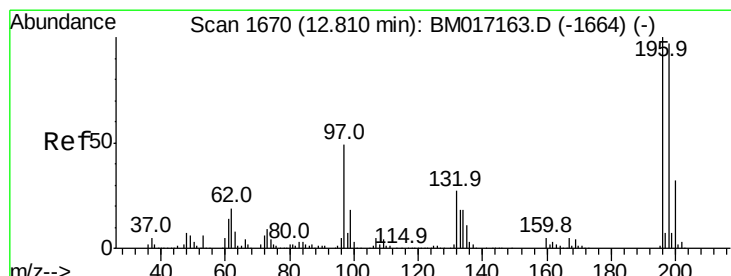
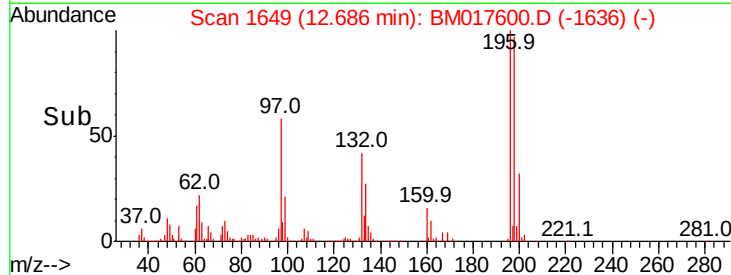
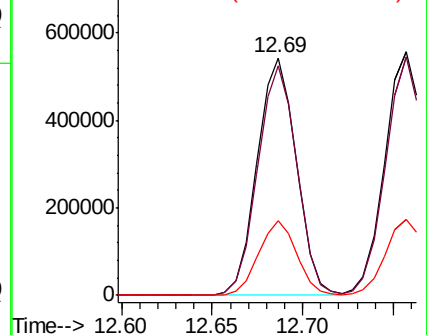


Abundance

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: 55.740 ng

RT: 12.76 min Scan# 1661

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Tgt Ion:196 Resp: 870422

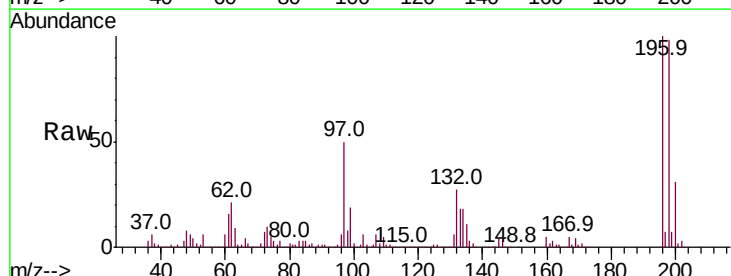
Ion Ratio Lower Upper

196 100

198 98.0 76.6 115.0

97 50.1 35.5 53.3

132 27.3 20.7 31.1



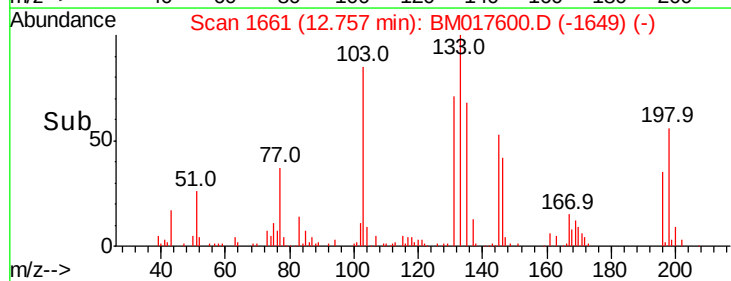
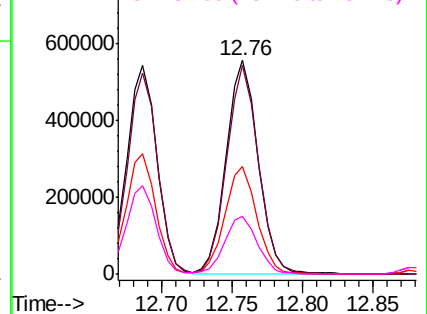
Abundance

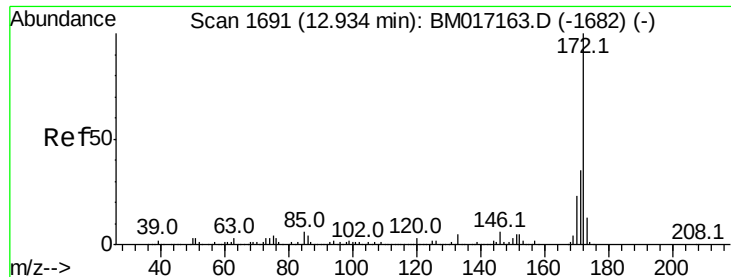
Ion 196.00 (195.70 to 196.70): E

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

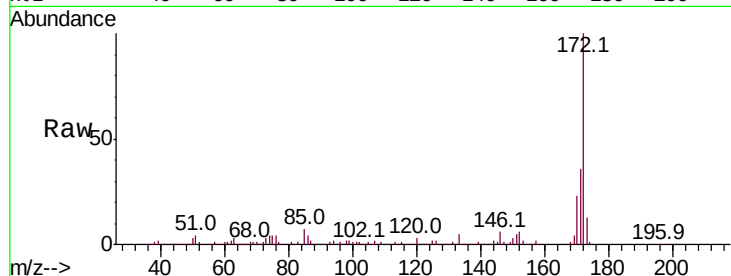




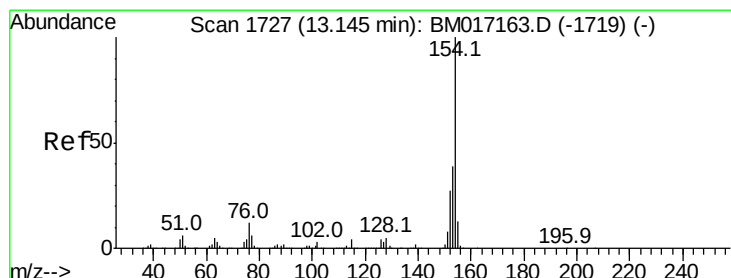
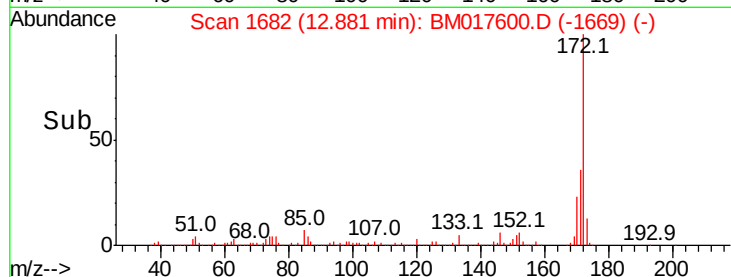
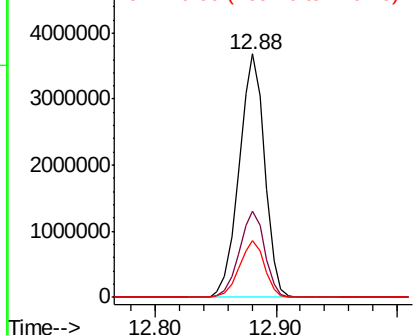
#45
2-Fluorobiphenyl
Concen: 101.279 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:172 Resp: 5422208
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.3 27.5

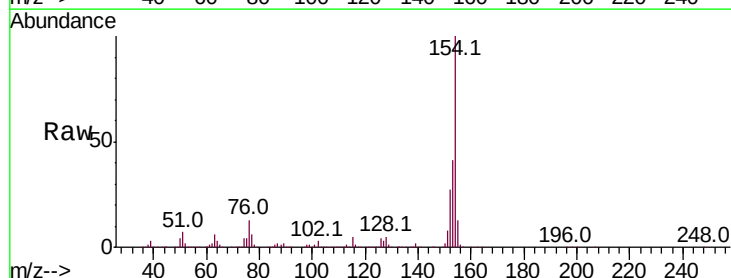


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

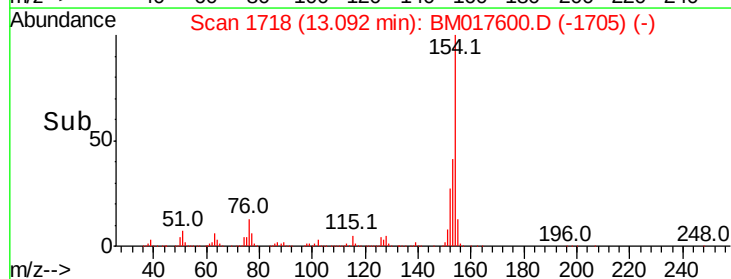
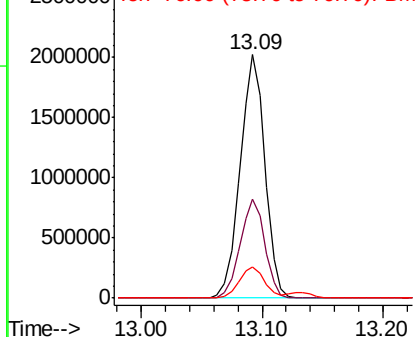


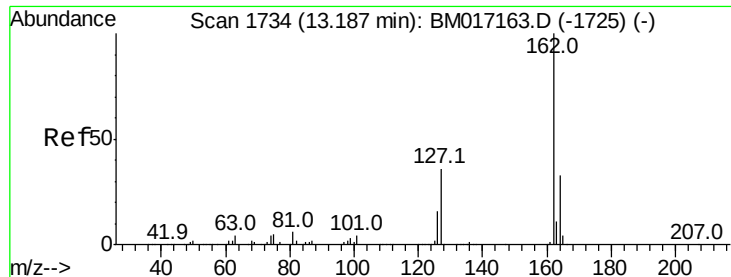
#46
1,1'-Biphenyl
Concen: 45.019 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:154 Resp: 2885882
Ion Ratio Lower Upper
154 100
153 40.8 20.5 60.5
76 13.0 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

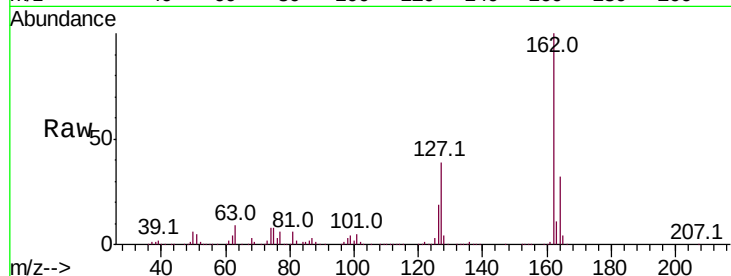




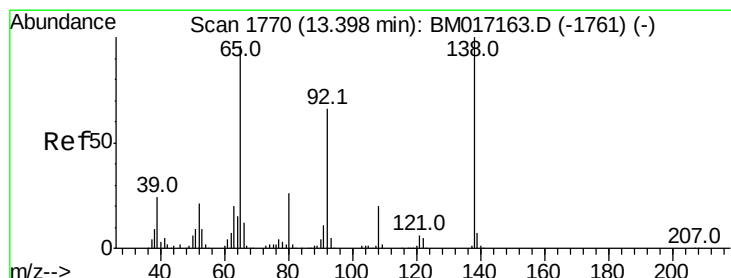
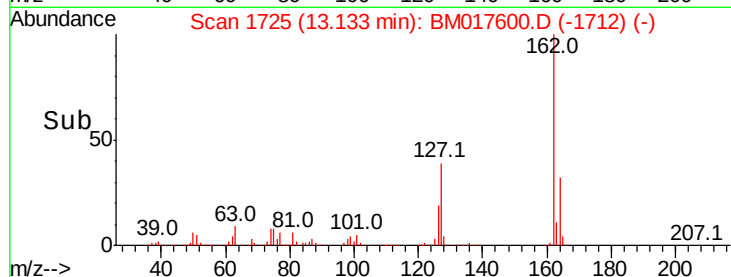
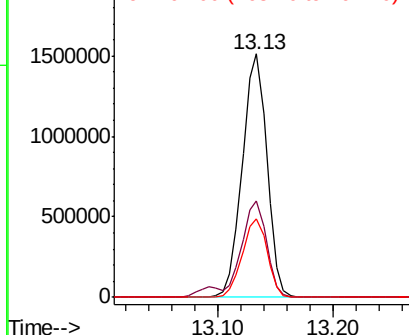
#47
2-Chloronaphthalene
Concen: 47.586 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:162 Resp: 2244085
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.4
164 32.5 26.6 39.8

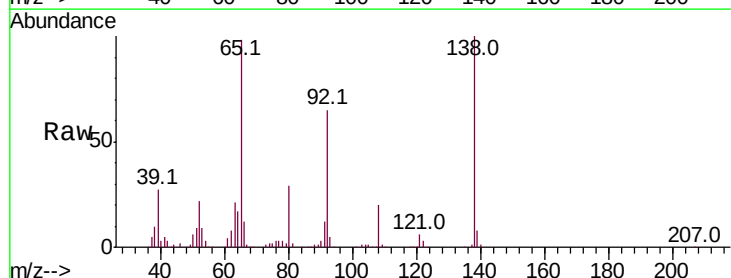


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

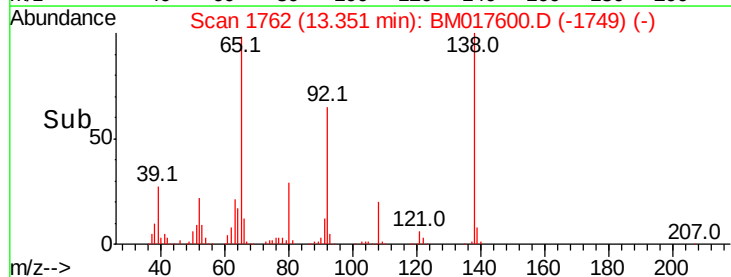
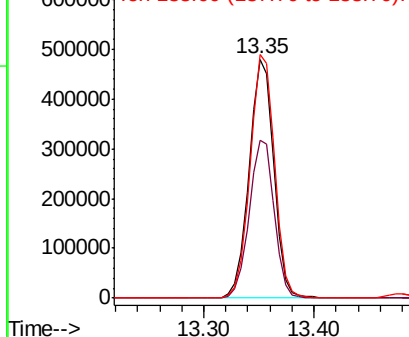


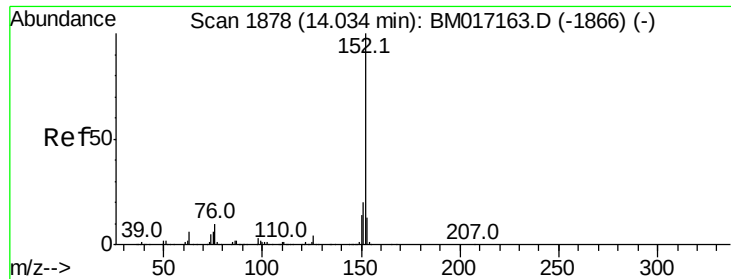
#48
2-Nitroaniline
Concen: 55.386 ng
RT: 13.35 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion: 65 Resp: 751138
Ion Ratio Lower Upper
65 100
92 65.8 54.9 82.3
138 101.9 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 54.888 ng

RT: 13.99 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

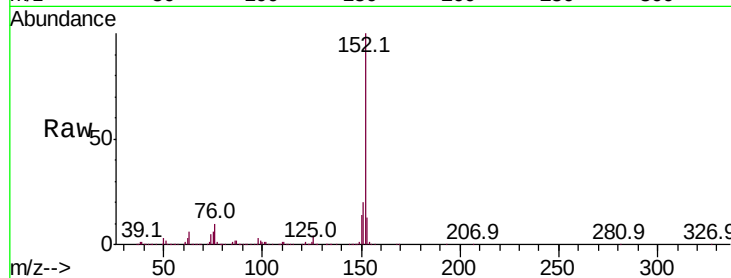
BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:152 Resp: 3751947

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.9	10.4	15.6

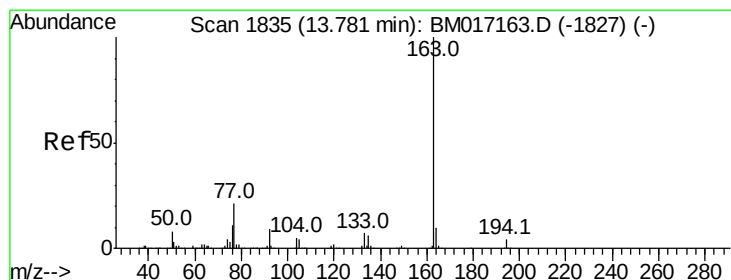
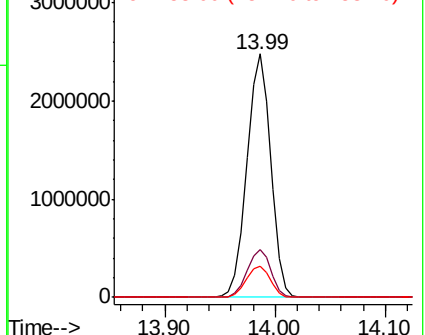
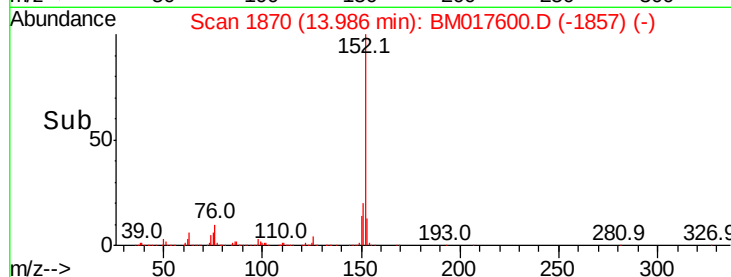


Abundance

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: 58.281 ng

RT: 13.74 min Scan# 1828

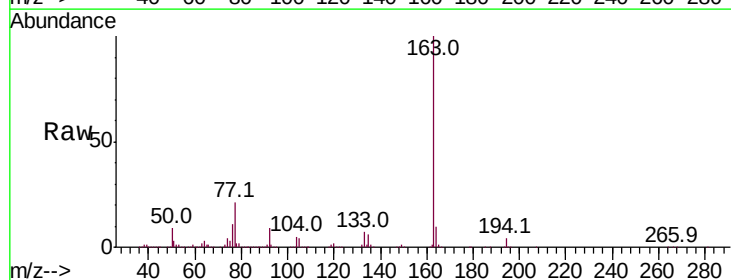
Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Tgt Ion:163 Resp: 3202946

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	7.8	11.8

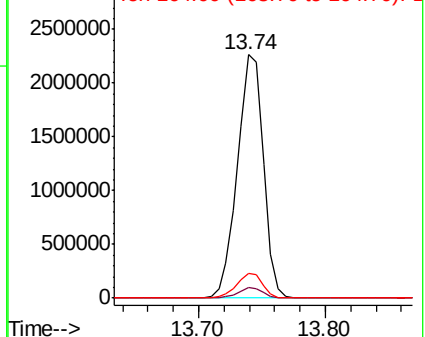
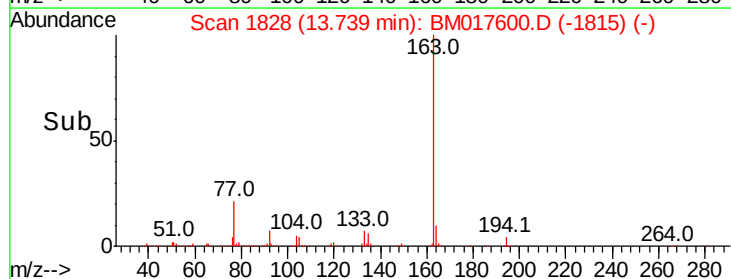


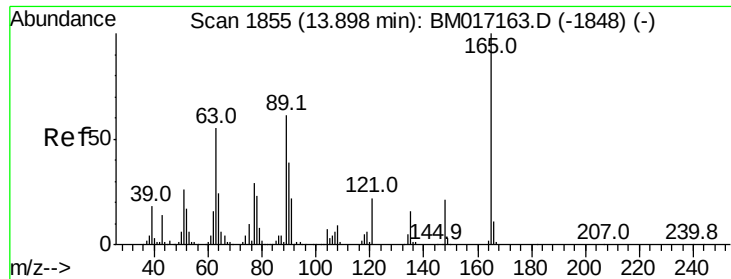
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

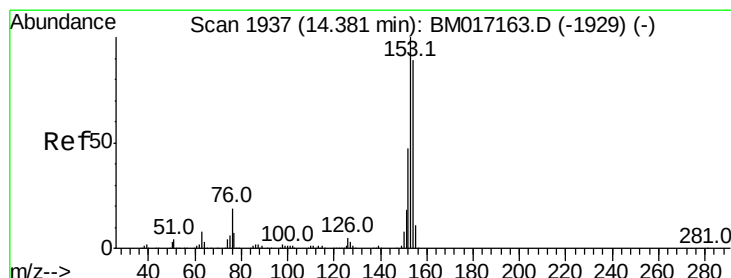
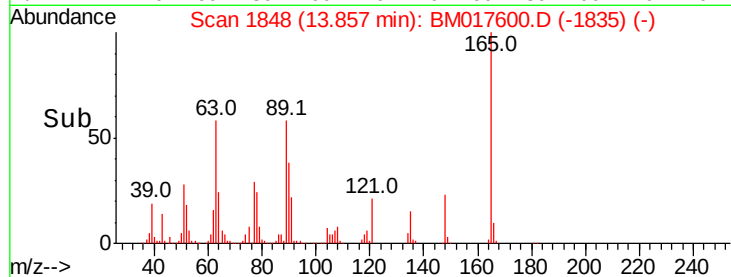
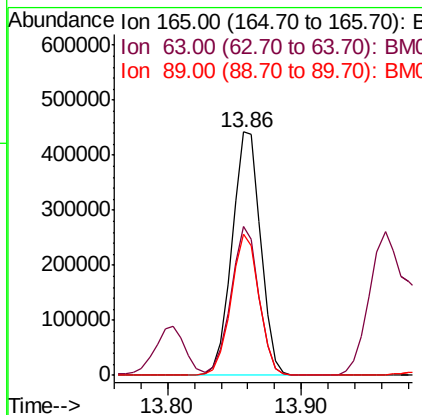
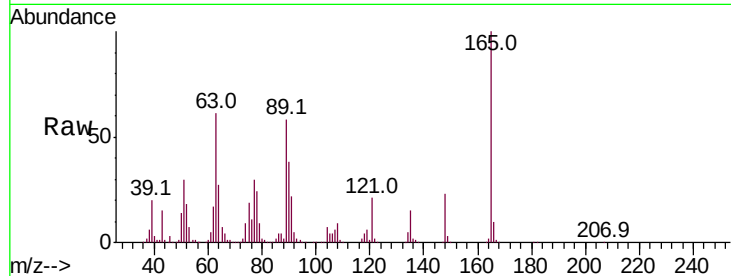




#51
 2,6-Dinitrotoluene
 Concen: 54.501 ng
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

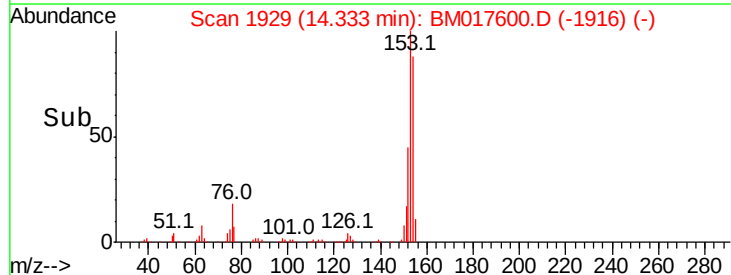
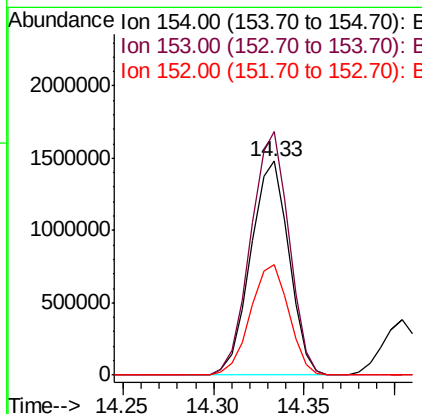
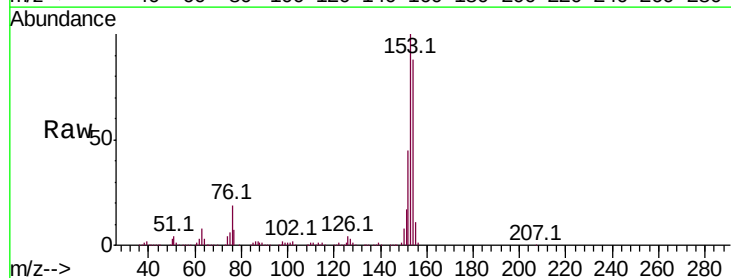
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

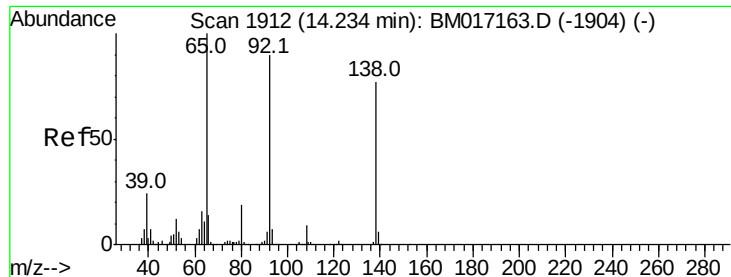
Tot Ion:165 Resp: 659231
 Ion Ratio Lower Upper
 165 100
 63 61.2 42.7 64.1
 89 58.0 42.1 63.1



#52
 Acenaphthene
 Concen: 50.618 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion:154 Resp: 2172498
 Ion Ratio Lower Upper
 154 100
 153 114.0 90.2 135.2
 152 51.8 44.2 66.4





#53

3-Nitroaniline

Concen: 40.972 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

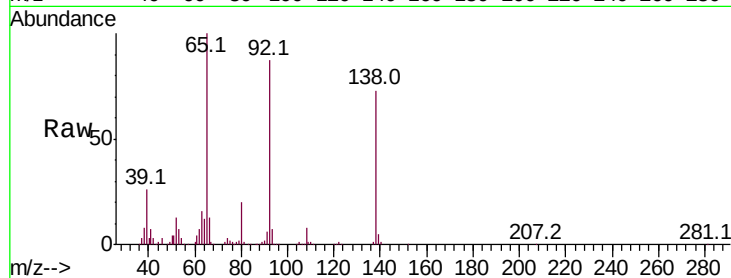
Tot Ion:138 Resp: 536744

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

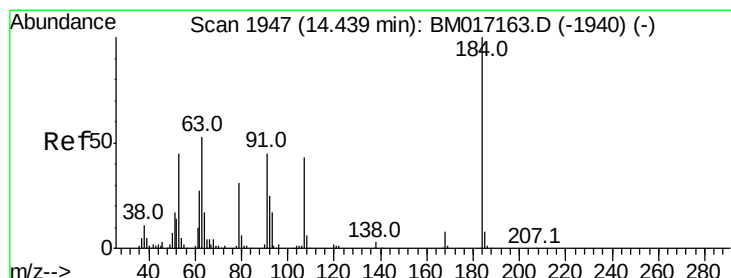
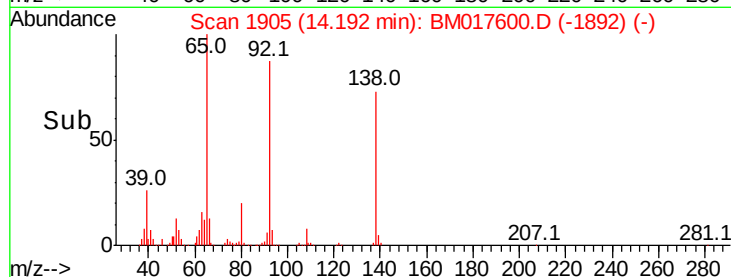
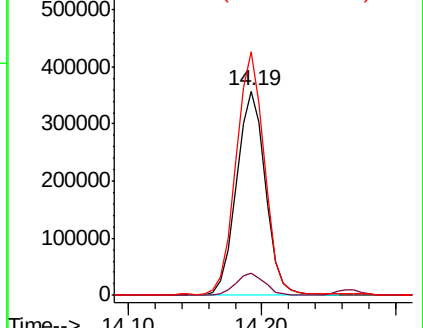
92 119.1 87.9 131.9



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: 117.999 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

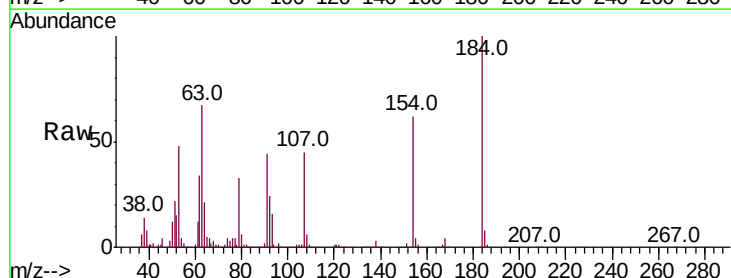
Tgt Ion:184 Resp: 868233

Ion Ratio Lower Upper

184 100

63 66.9 51.2 76.8

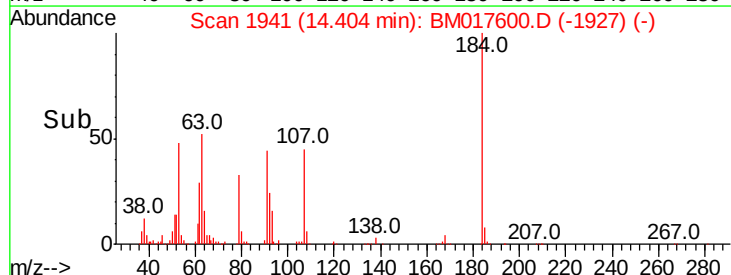
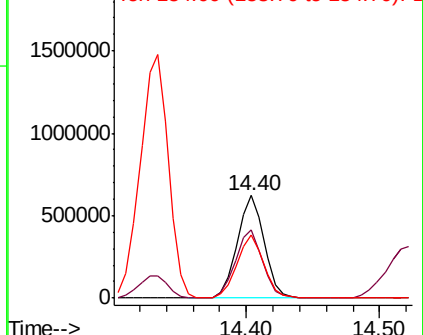
154 62.0 47.8 71.8

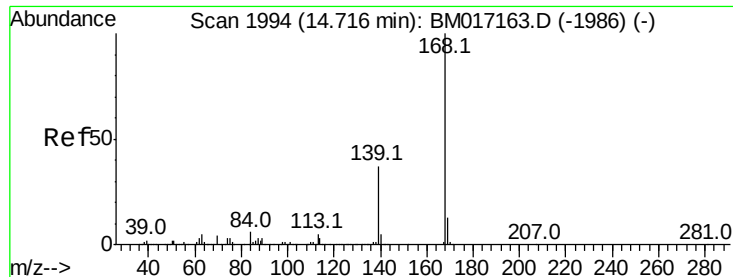


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

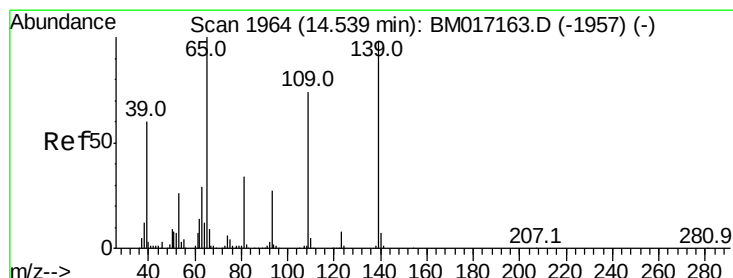
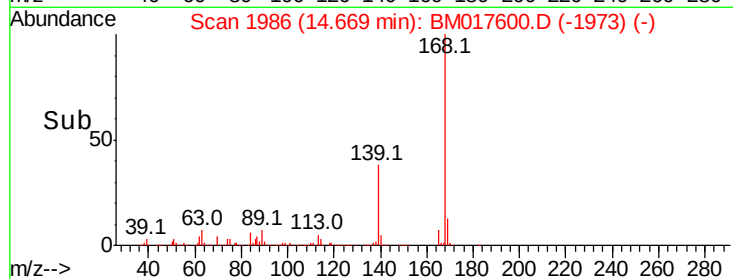
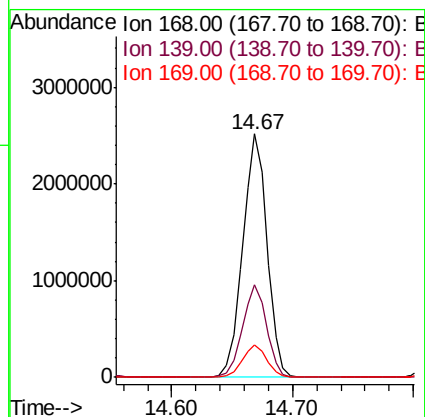
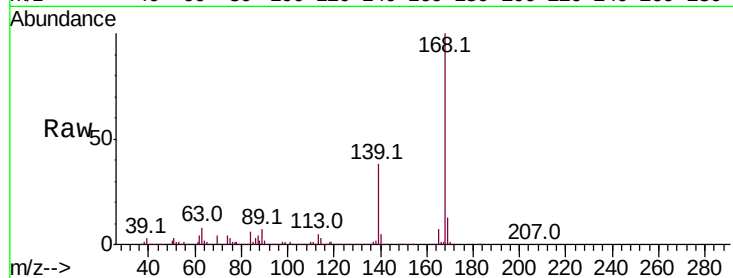




#55
Dibenzofuran
Concen: 49.452 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

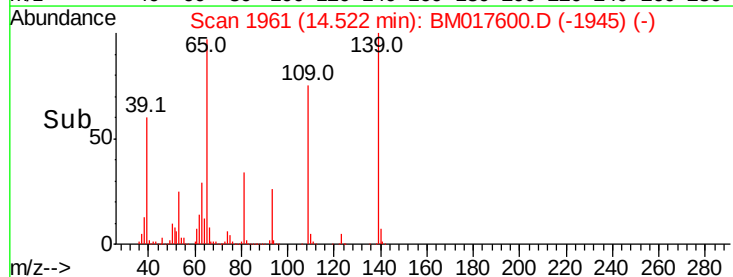
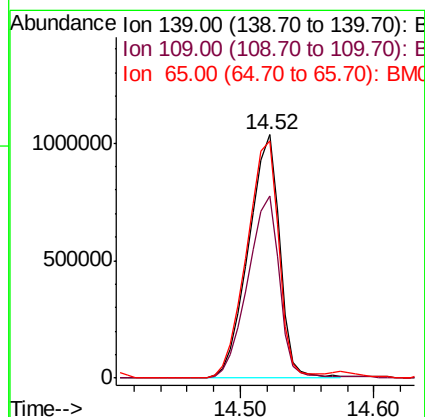
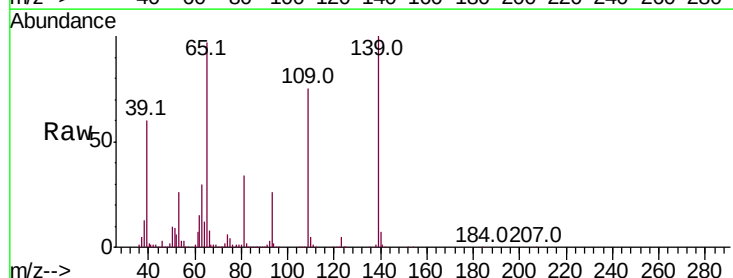
Instrument :
BNA_M
ClientSampleId :
RT-3263MS

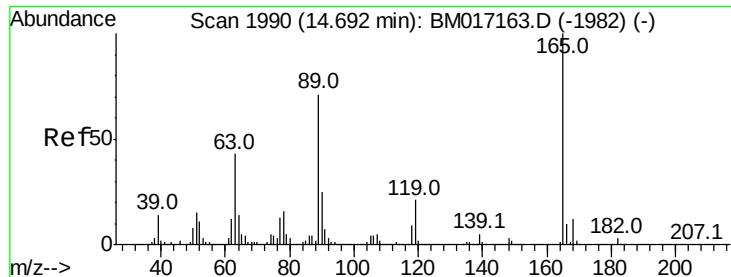
Tot Ion:168 Resp: 3529527
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 136.116 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:139 Resp: 1667136
Ion Ratio Lower Upper
139 100
109 75.1 51.8 91.8
65 97.3 72.1 112.1





#57

2,4-Dinitrotoluene

Concen: 57.994 ng

RT: 14.66 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:165 Resp: 942819

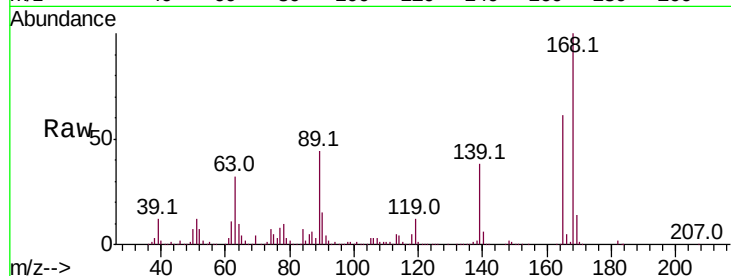
Ion Ratio Lower Upper

165 100

63 53.1 33.8 50.8#

89 72.5 53.1 79.7

182 2.9 2.0 3.0

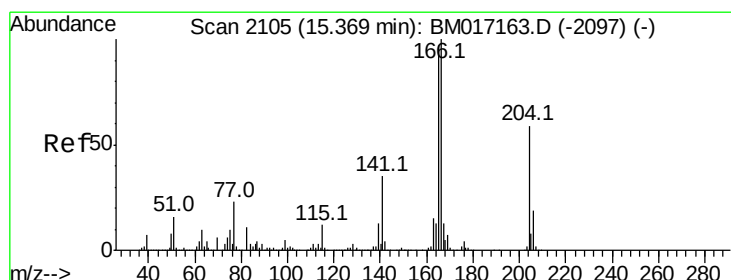
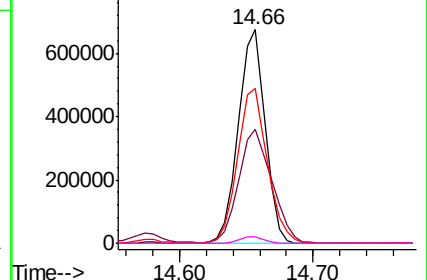
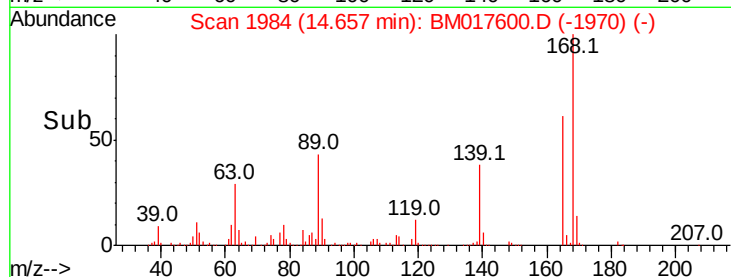


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 55.625 ng

RT: 15.32 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

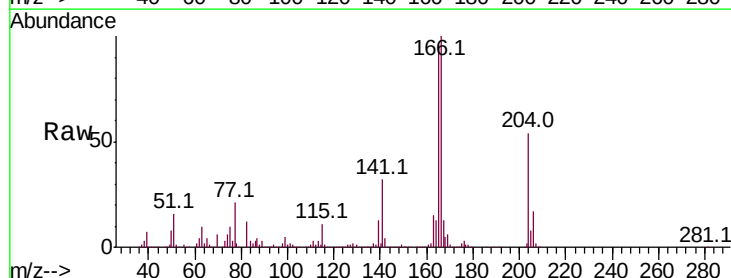
Tgt Ion:166 Resp: 2938591

Ion Ratio Lower Upper

166 100

165 96.1 78.1 117.1

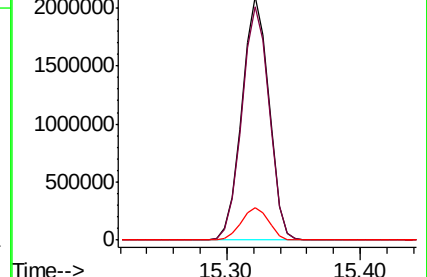
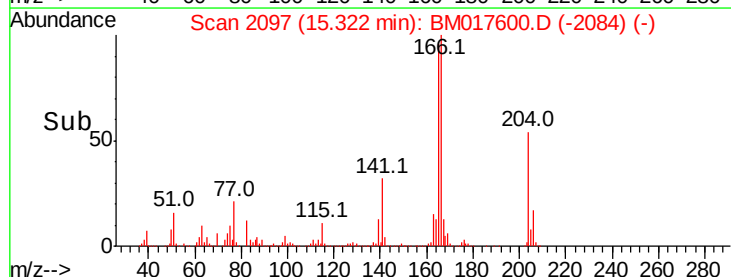
167 13.4 10.6 16.0

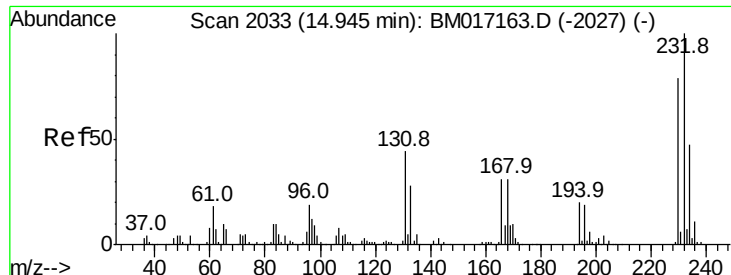


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

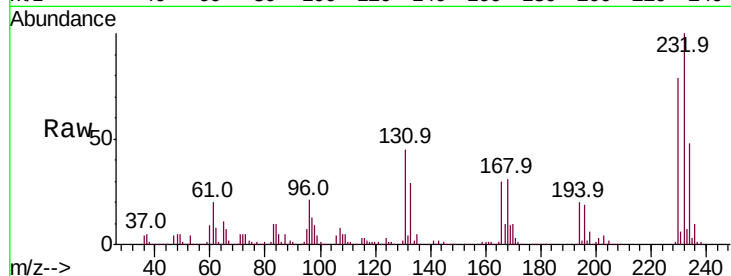




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.403 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	33.1	49.7
130	2.4	1.7	2.5
166	31.0	24.4	36.6



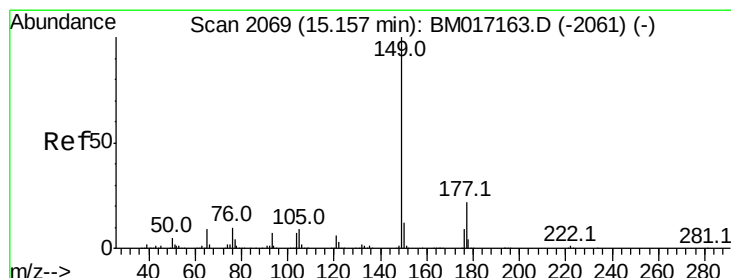
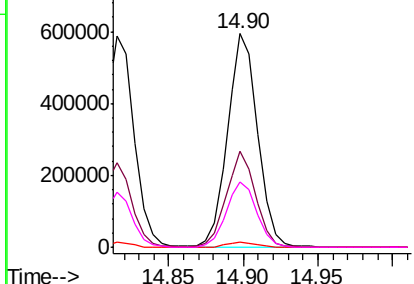
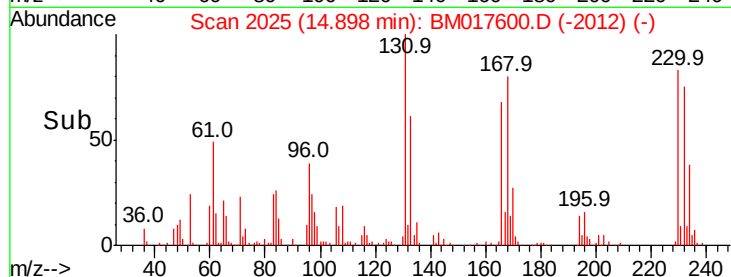
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

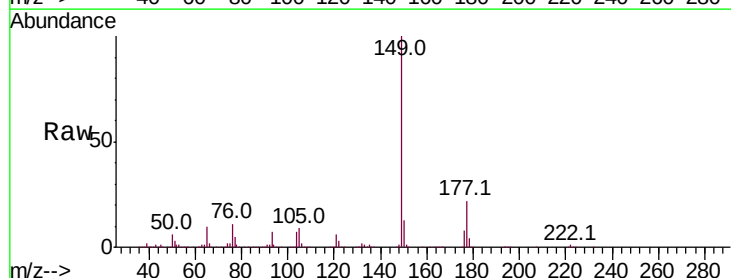
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 54.822 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	12.6	10.0	15.0

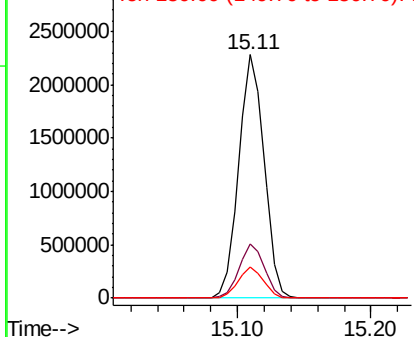
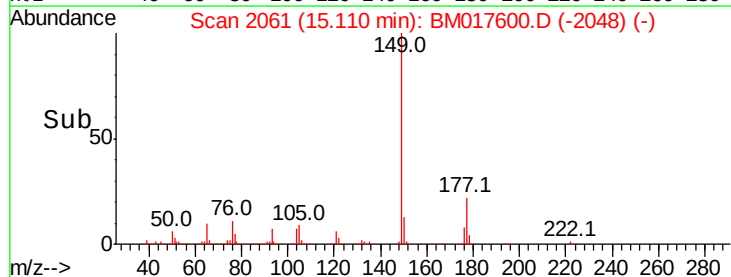


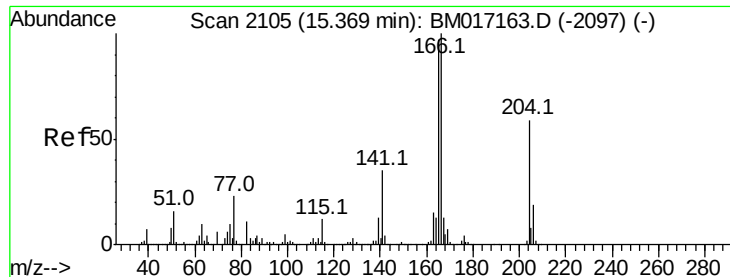
Abundance

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

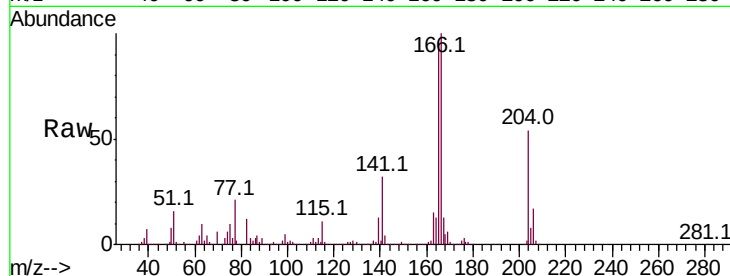




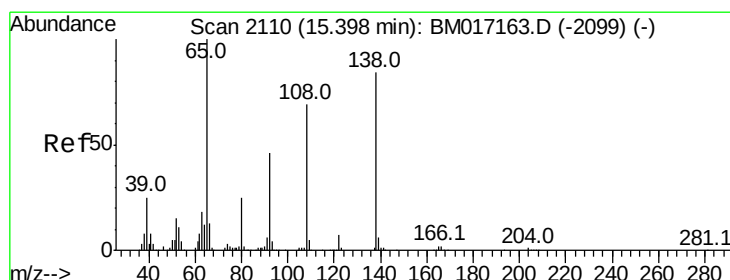
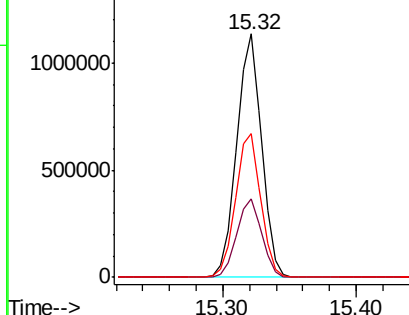
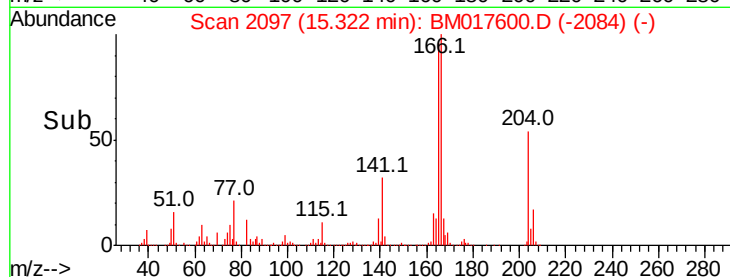
#61
4-Chlorophenyl-phenylether
Concen: 48.637 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion:204 Resp: 1464815
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 59.2 45.4 68.2

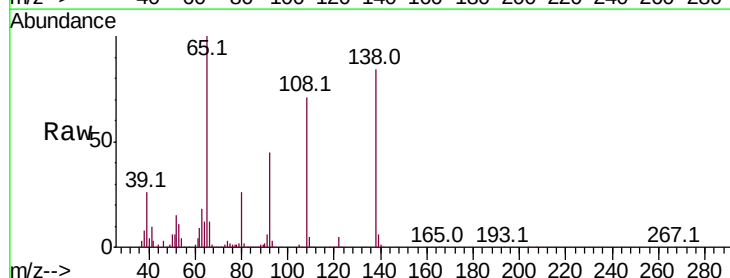


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

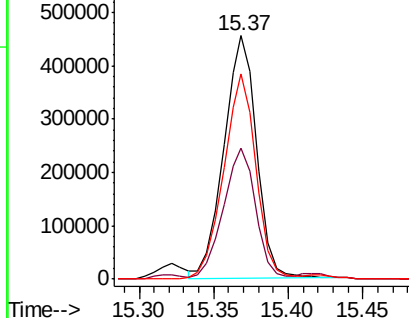
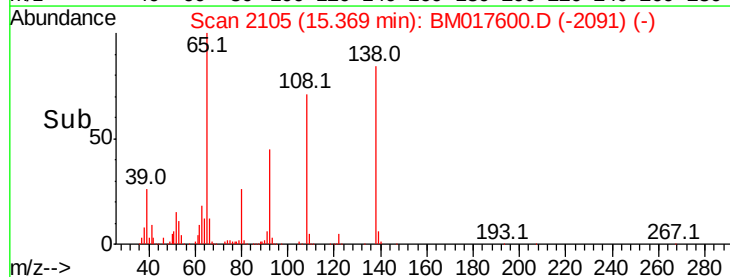


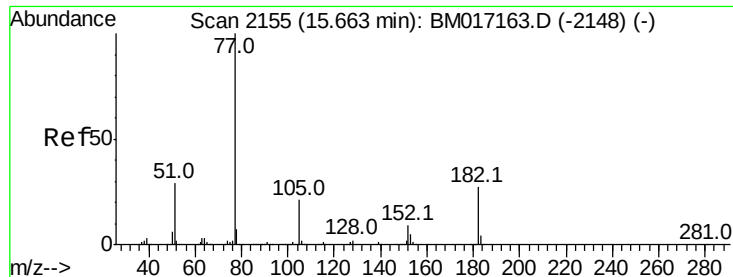
#62
4-Nitroaniline
Concen: 47.765 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:138 Resp: 697949
Ion Ratio Lower Upper
138 100
92 53.7 31.2 71.2
108 84.1 55.5 95.5



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





#63

Azobenzene

Concen: 55.827 ng

RT: 15.62 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion: 77 Resp: 2957438

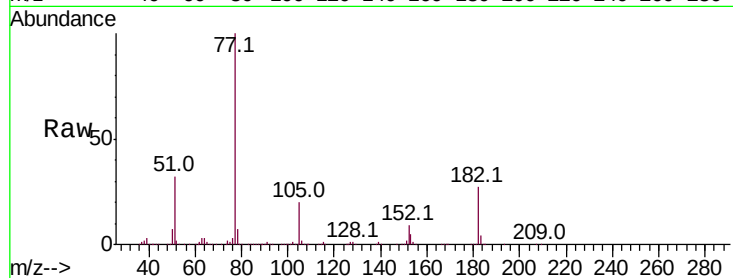
Ion Ratio Lower Upper

77 100

182 26.8 8.3 48.3

105 20.0 1.5 41.5

51 31.6 8.8 48.8

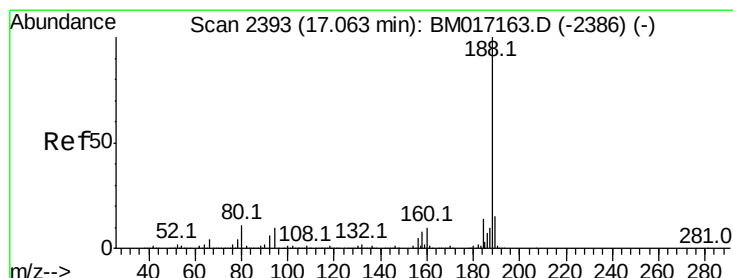
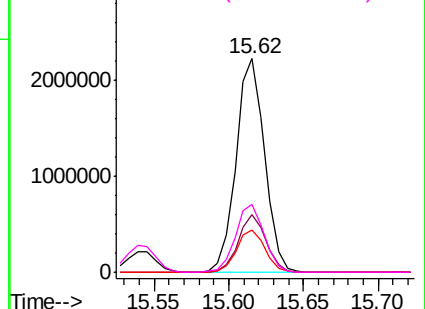
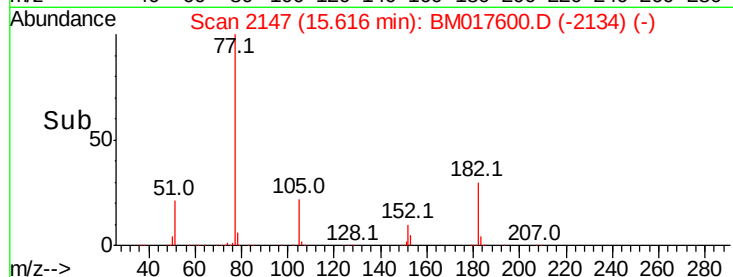


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

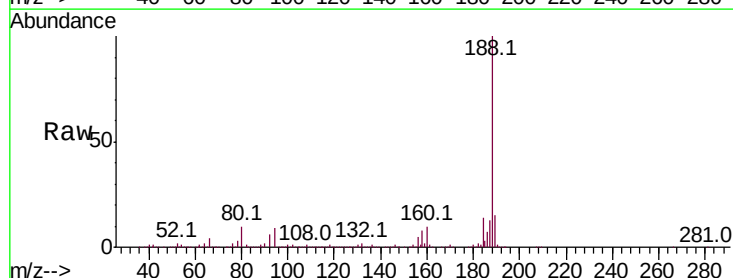
Tgt Ion: 188 Resp: 1656452

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

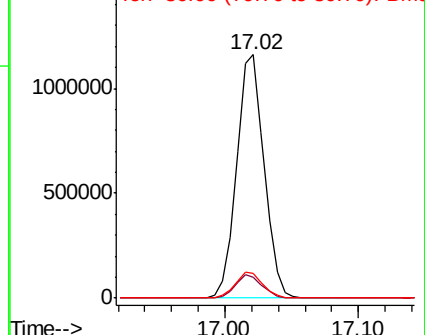
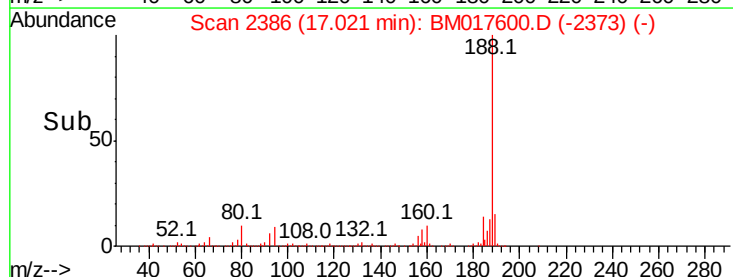
80 10.0 7.7 11.5

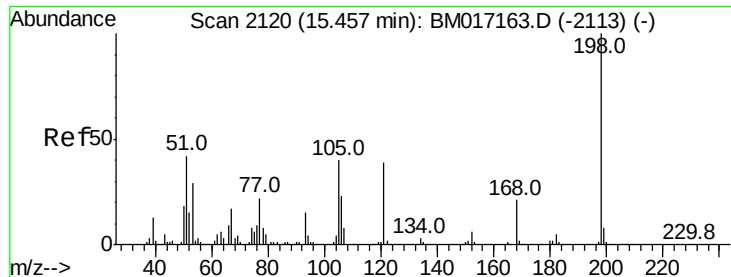


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

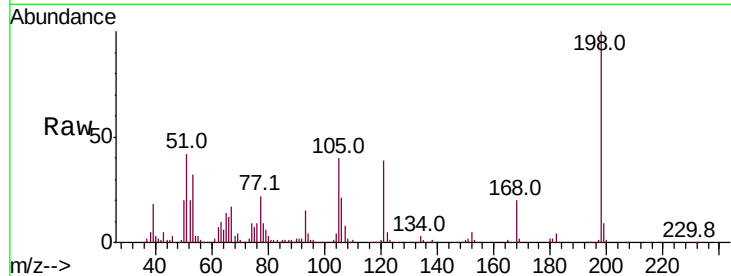




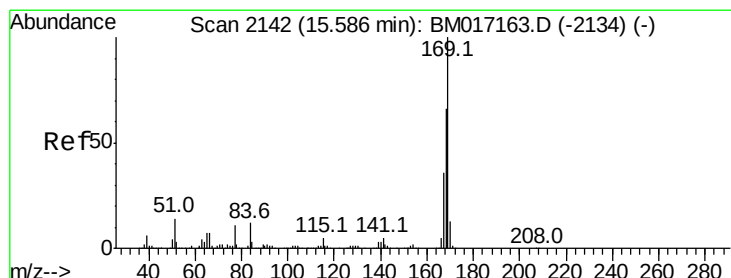
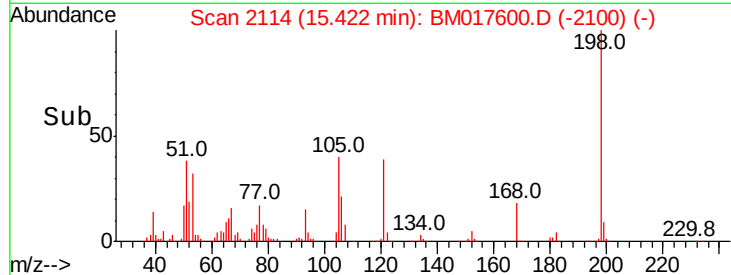
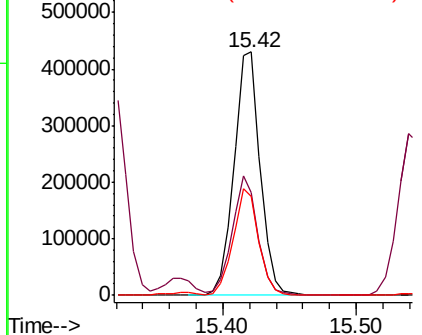
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.252 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion:198 Resp: 588431
 Ion Ratio Lower Upper
 198 100
 51 42.3 20.3 60.3
 105 40.4 21.9 61.9

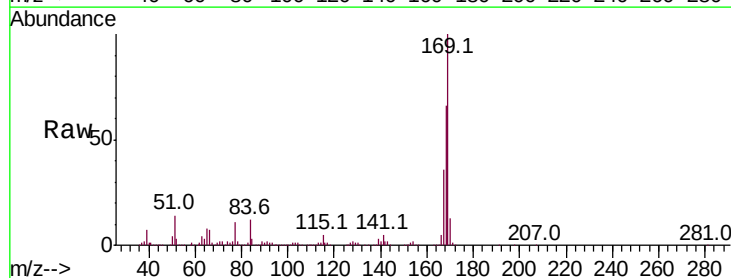


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

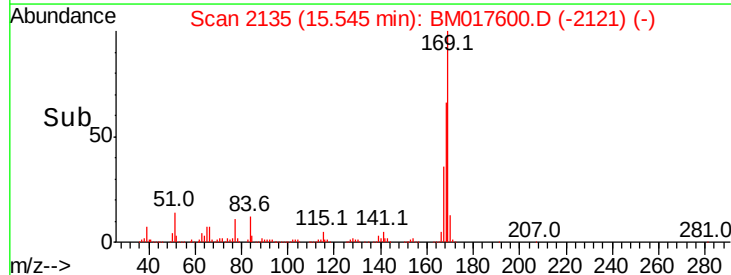
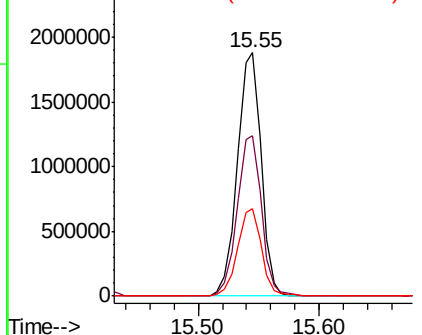


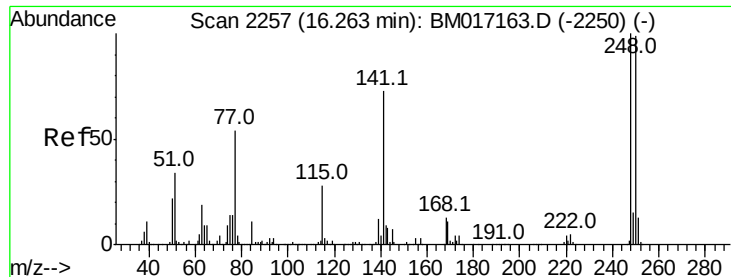
#66
 n-Nitrosodiphenylamine
 Concen: 51.455 ng
 RT: 15.55 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion:169 Resp: 2578697
 Ion Ratio Lower Upper
 169 100
 168 65.9 52.2 78.4
 167 35.7 28.4 42.6



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

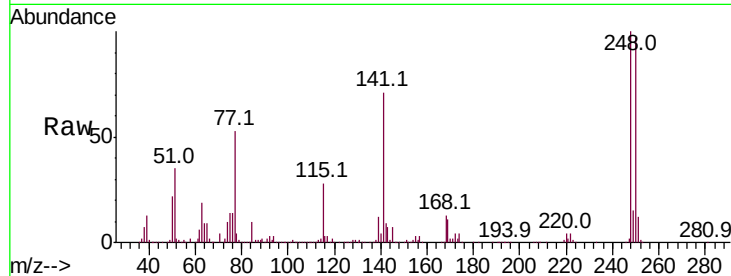




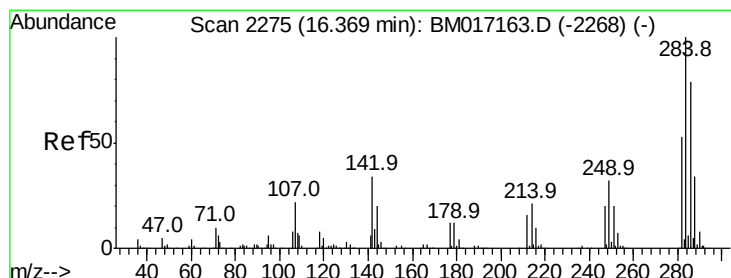
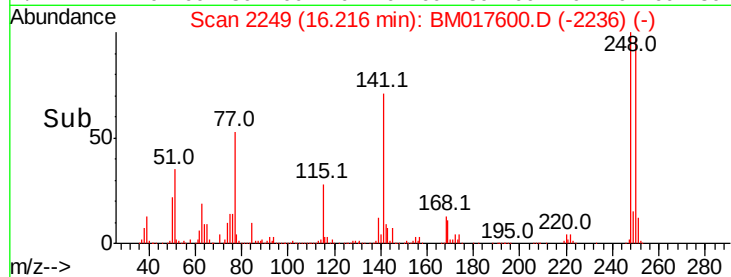
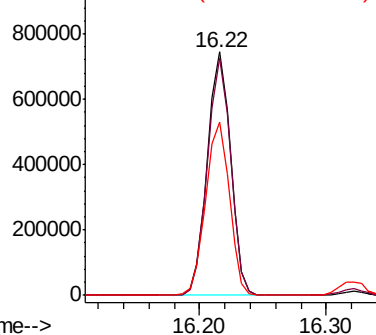
#67
4-Bromophenyl-phenylether
Concen: 51.888 ng
RT: 16.22 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion:248 Resp: 943729
Ion Ratio Lower Upper
248 100
250 97.4 75.1 112.7
141 71.2 55.6 83.4

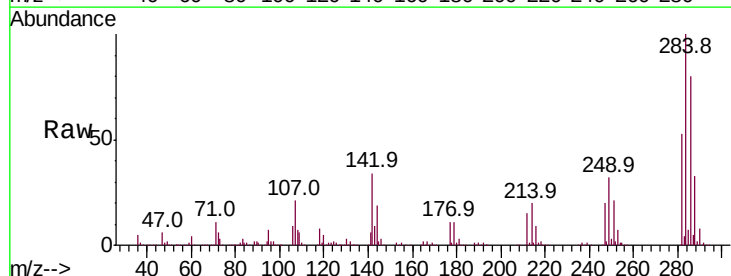


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

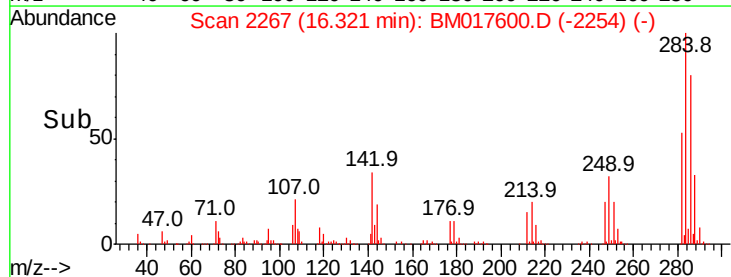
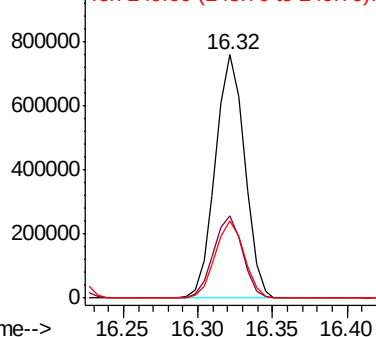


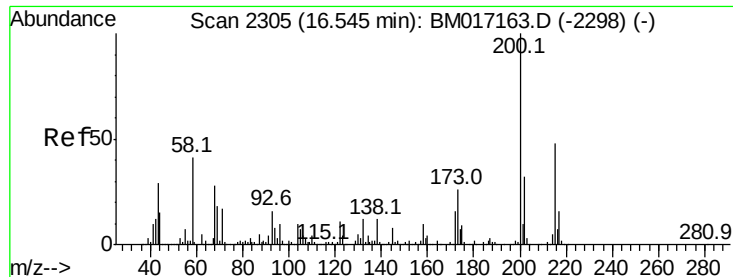
#68
Hexachlorobenzene
Concen: 48.814 ng
RT: 16.32 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BM017600.D
Acq: 09 Nov 2018 20:24

Tgt Ion:284 Resp: 1031295
Ion Ratio Lower Upper
284 100
142 33.9 25.0 37.6
249 31.7 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.526 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

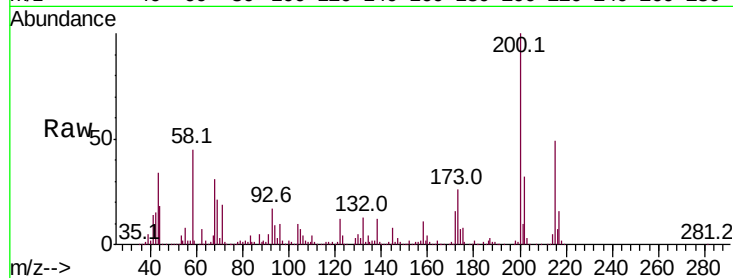
Tot Ion:200 Resp: 960079

Ion Ratio Lower Upper

200 100

173 26.2 7.0 47.0

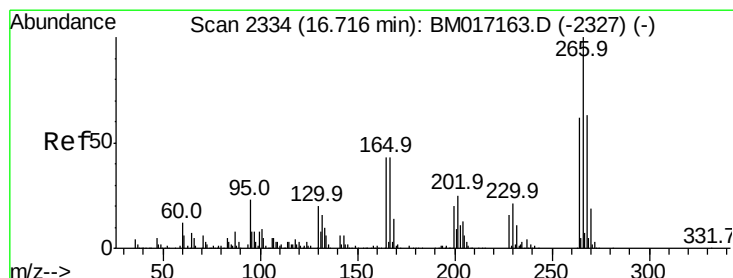
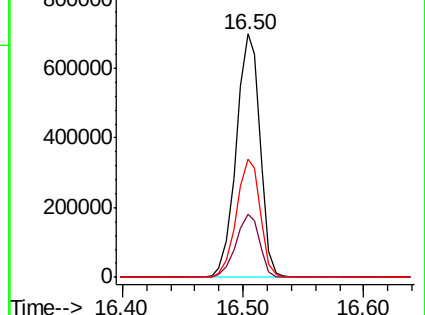
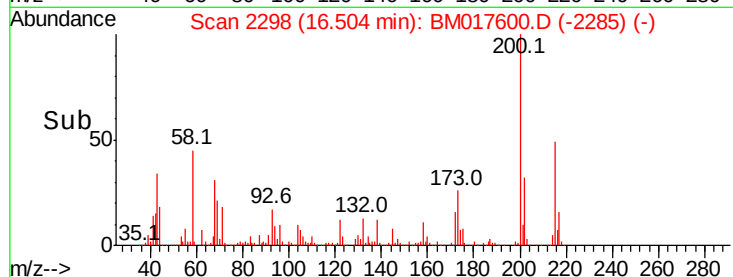
215 48.6 27.3 67.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.466 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

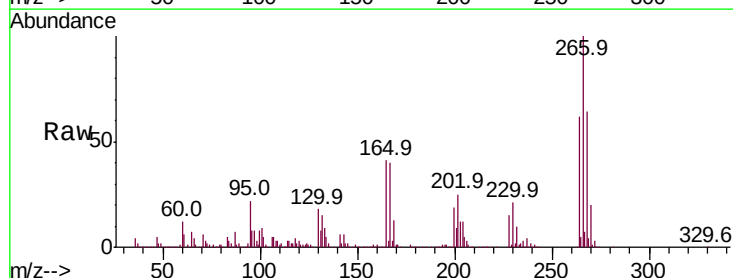
Tgt Ion:266 Resp: 1352715

Ion Ratio Lower Upper

266 100

268 63.9 50.7 76.1

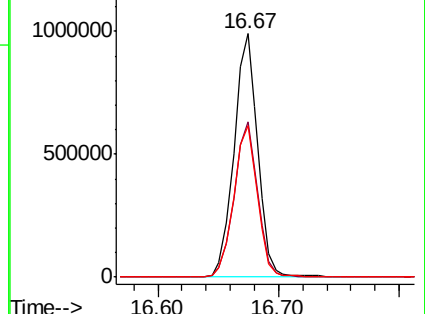
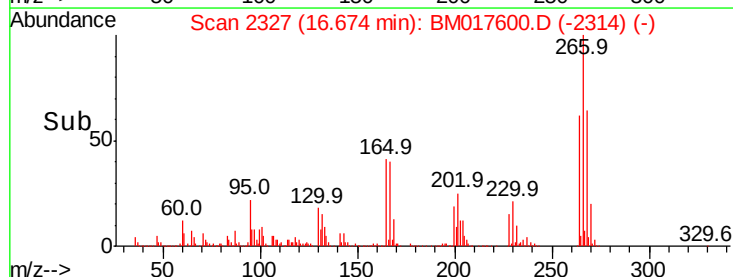
264 62.5 50.4 75.6

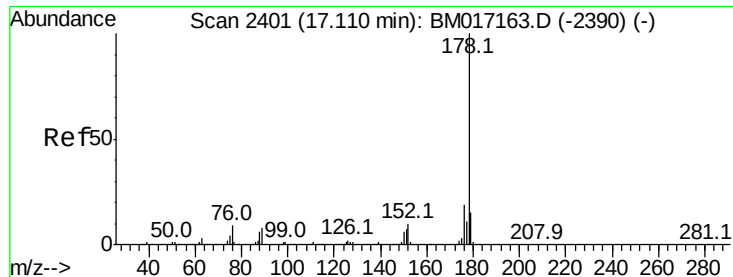


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.214 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

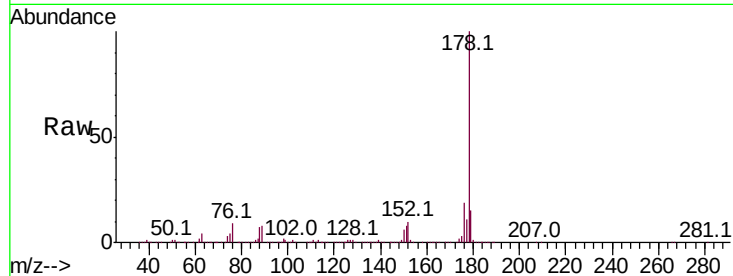
Tot Ion:178 Resp: 4666438

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

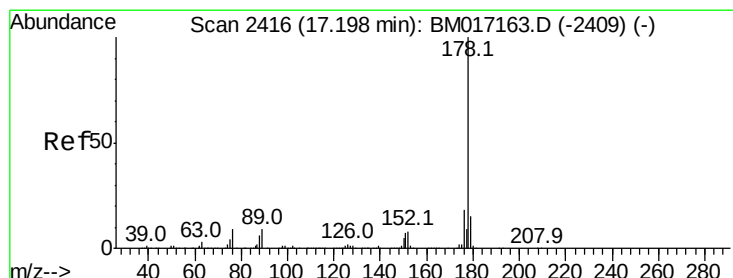
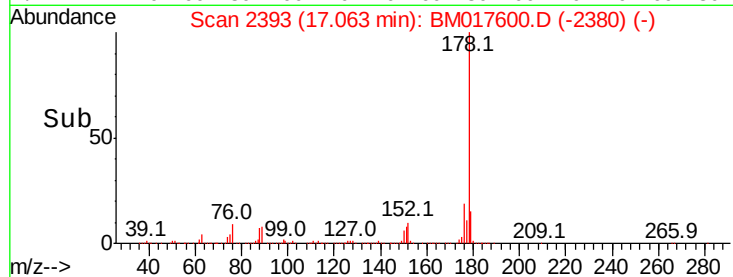
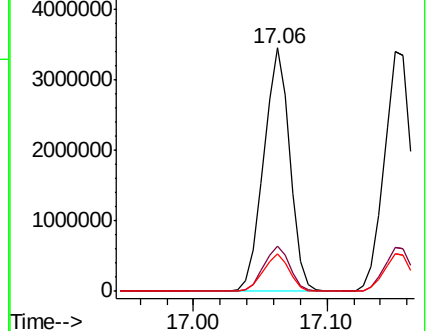
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 56.344 ng

RT: 17.15 min Scan# 2408

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

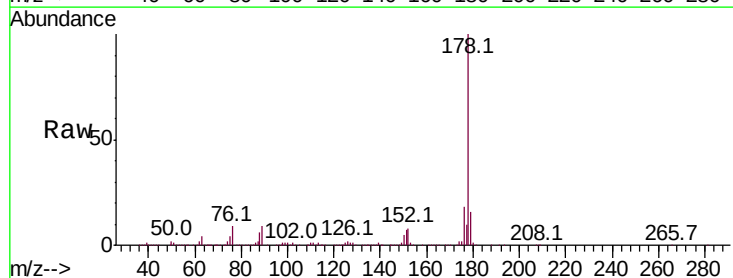
Tgt Ion:178 Resp: 4784695

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

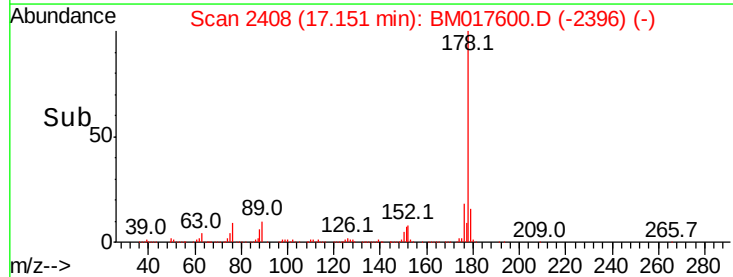
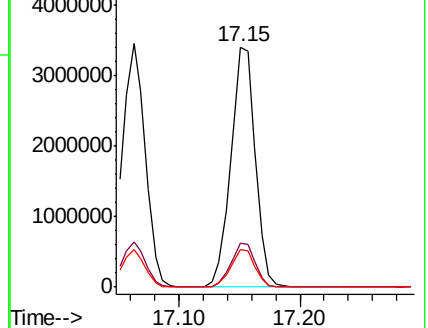
179 15.5 12.2 18.2

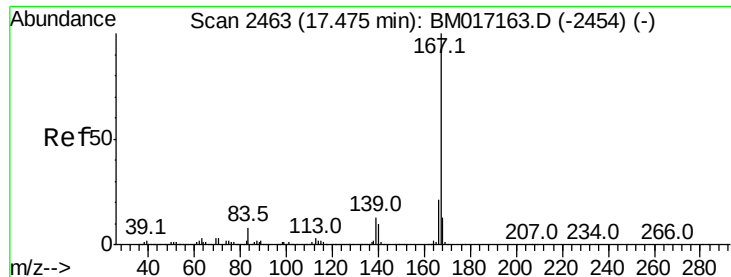


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



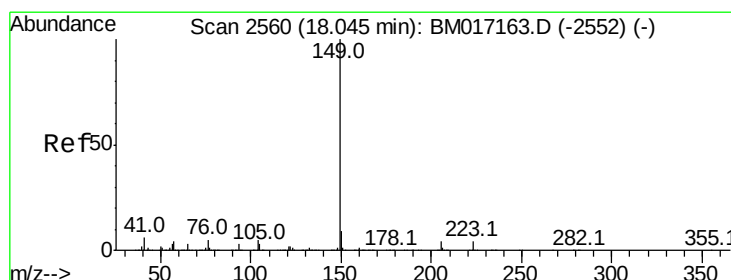
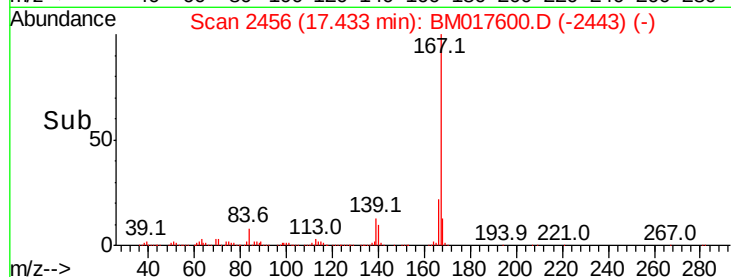
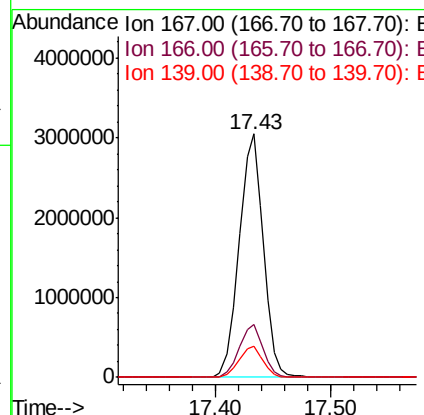
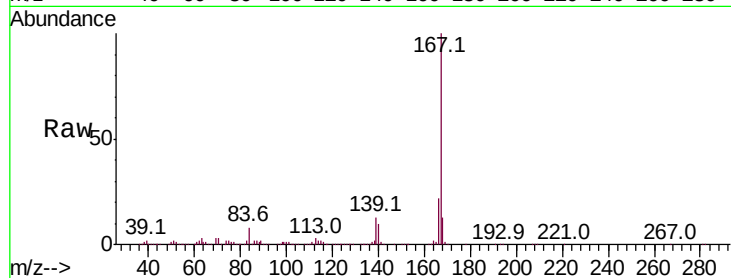


#73
 Carbazole
 Concen: 50.794 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion:167 Resp: 4406069

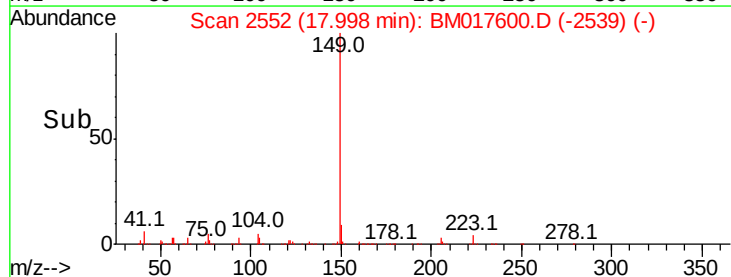
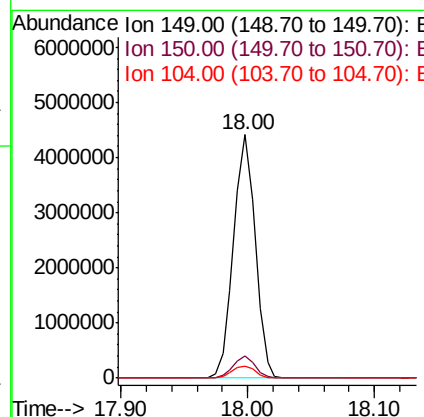
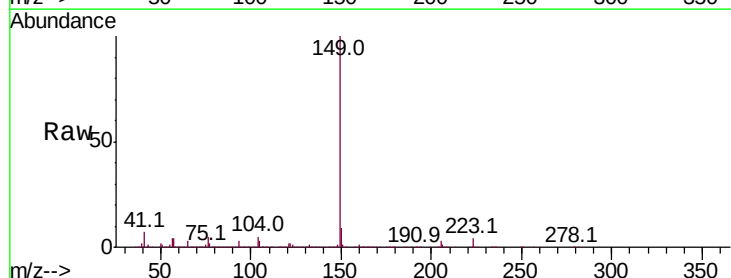
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.8	10.1	15.1

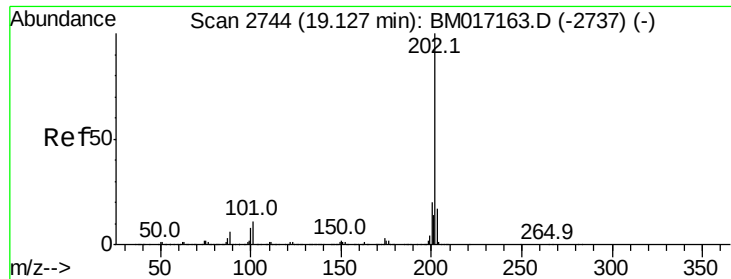


#74
 Di-n-butylphthalate
 Concen: 57.148 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017600.D
 Acq: 09 Nov 2018 20:24

Tgt Ion:149 Resp: 5228504

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 55.016 ng

RT: 19.09 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

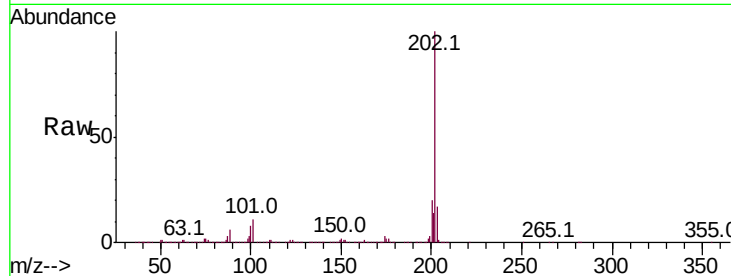
Tot Ion:202 Resp: 5532735

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.0

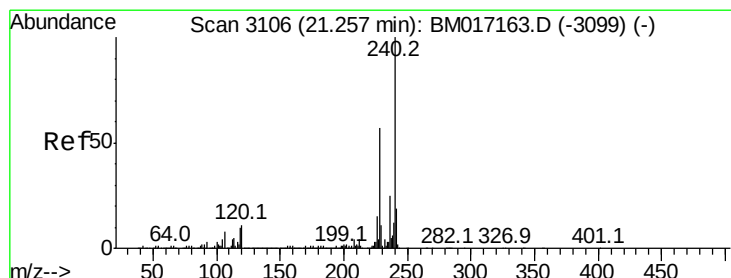
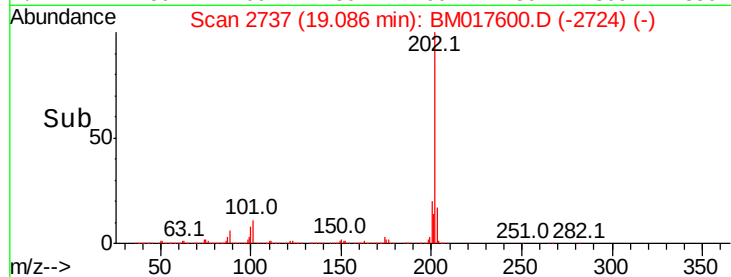
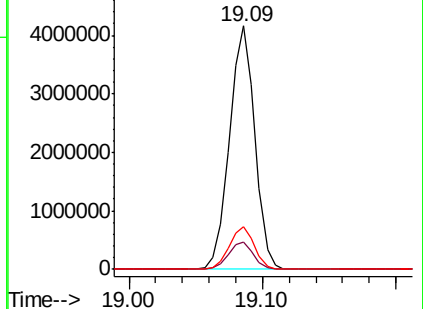
203 17.3 0.0 37.2



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: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

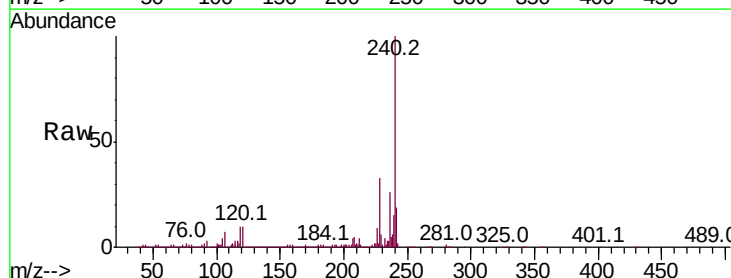
Tgt Ion:240 Resp: 1864092

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

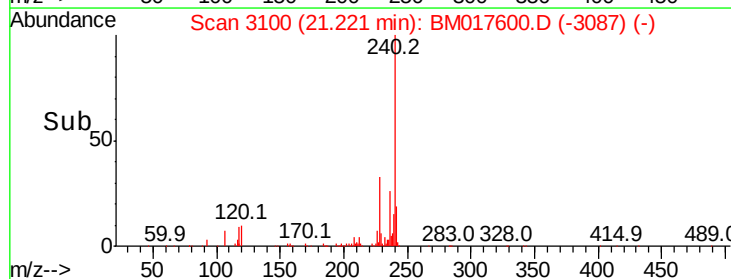
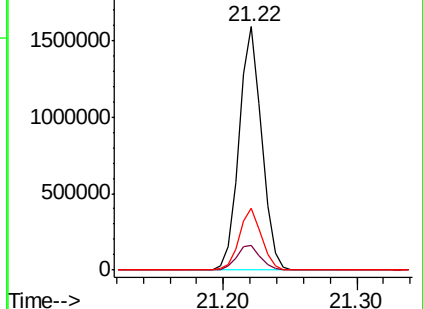
236 25.6 19.9 29.9

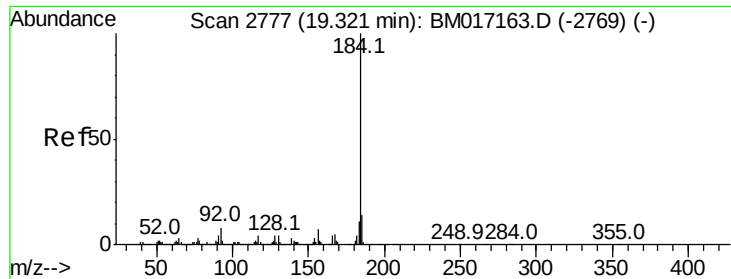


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.195 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

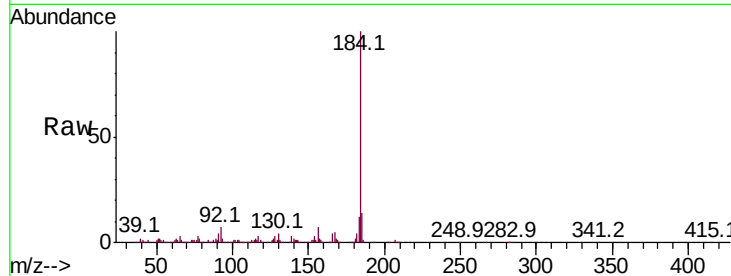
Tot Ion:184 Resp: 1332694

Ion Ratio Lower Upper

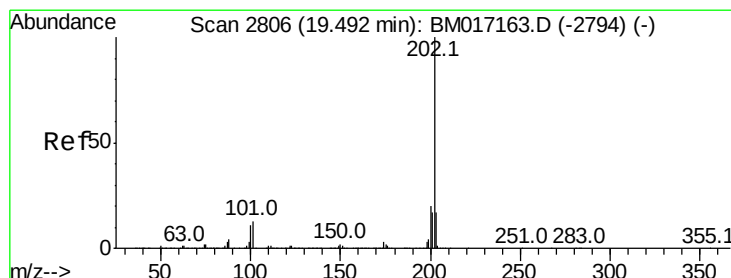
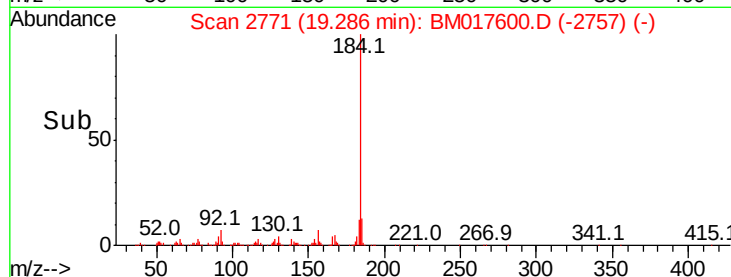
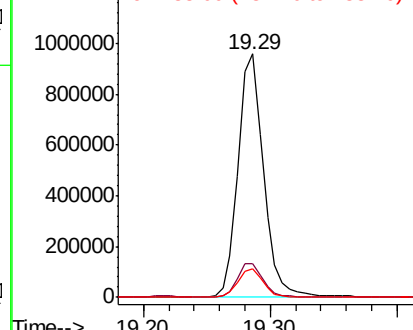
184 100

185 13.8 11.8 17.8

183 11.5 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: 53.794 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

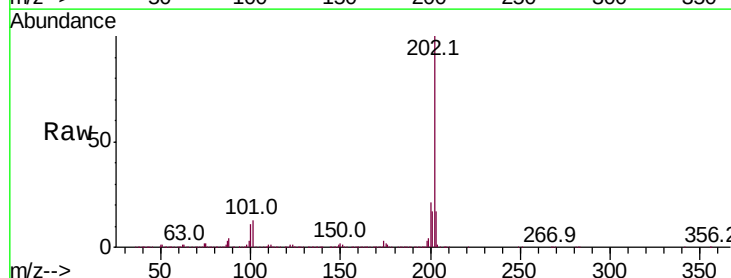
Tgt Ion:202 Resp: 5604509

Ion Ratio Lower Upper

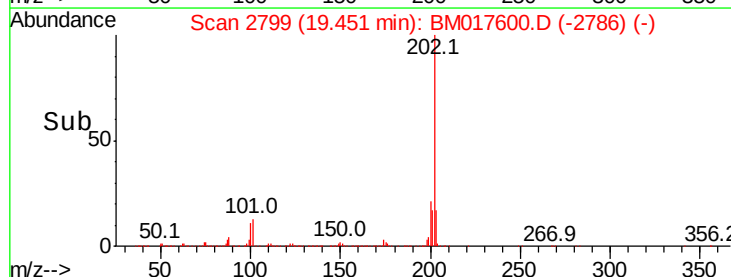
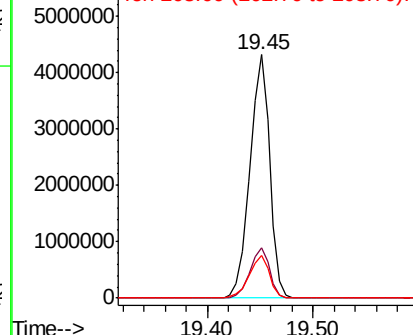
202 100

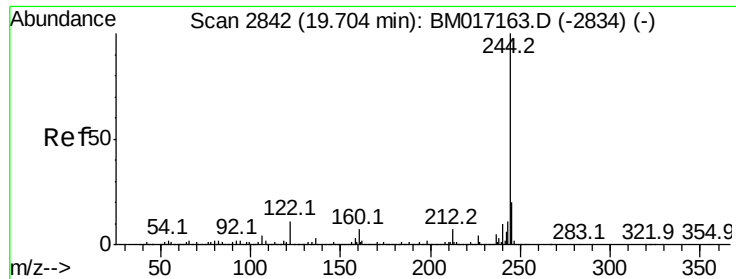
200 20.7 16.3 24.5

203 17.5 13.9 20.9



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: 101.005 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

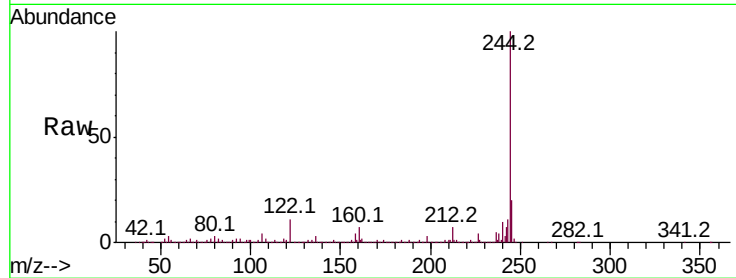
Tot Ion:244 Resp: 8353239

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

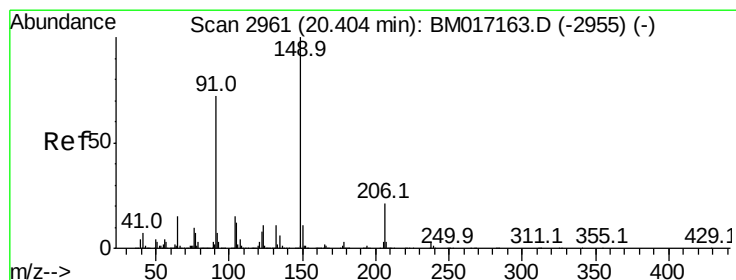
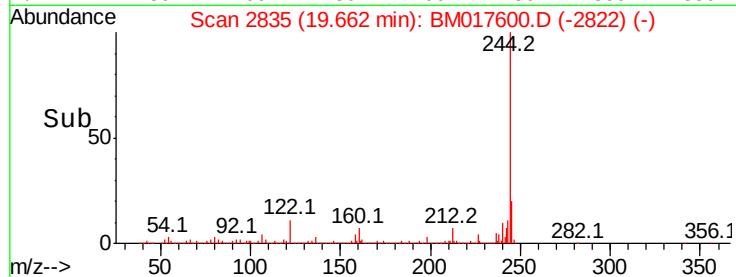
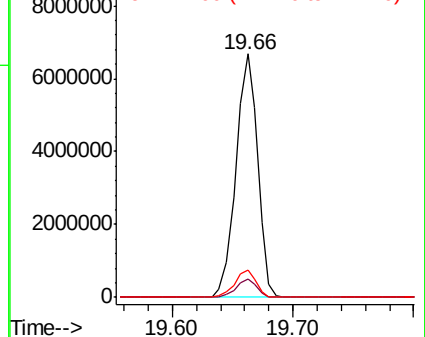
122 11.3 8.4 12.6



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: 59.668 ng

RT: 20.36 min Scan# 2954

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

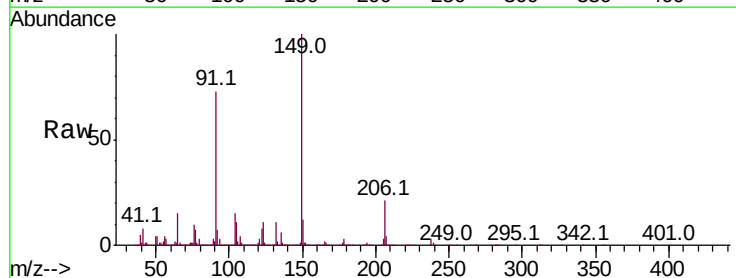
Tgt Ion:149 Resp: 2446895

Ion Ratio Lower Upper

149 100

91 73.5 51.3 76.9

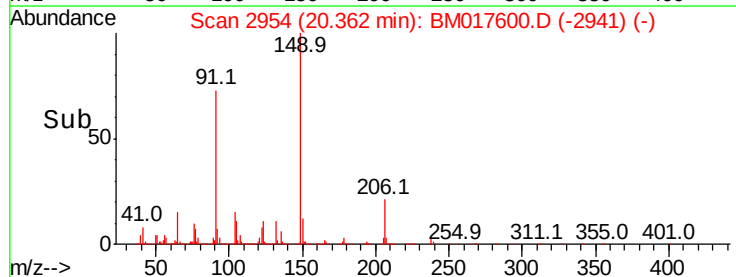
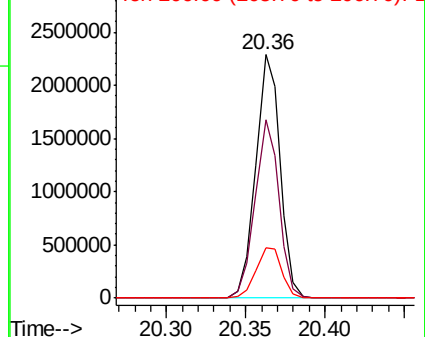
206 20.9 18.0 27.0

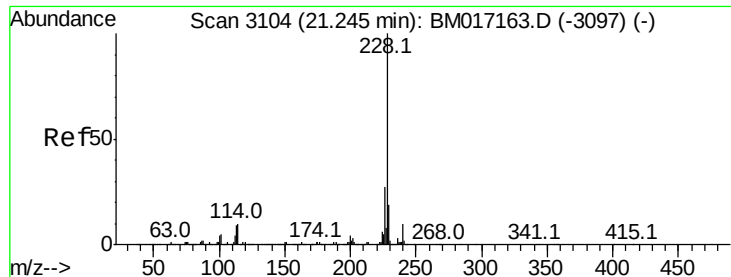


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.419 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

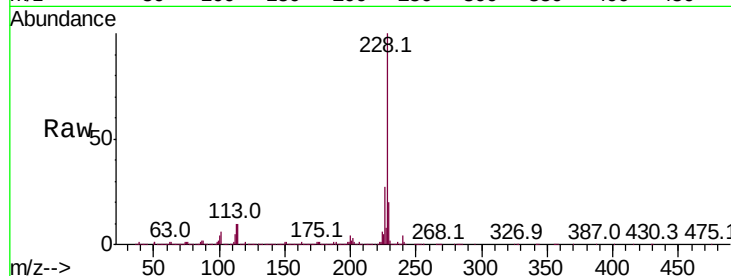
Tot Ion:228 Resp: 5603649

Ion Ratio Lower Upper

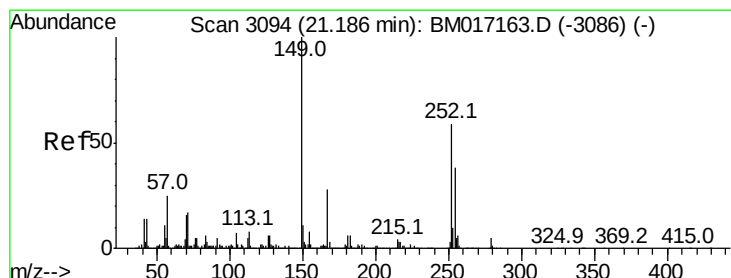
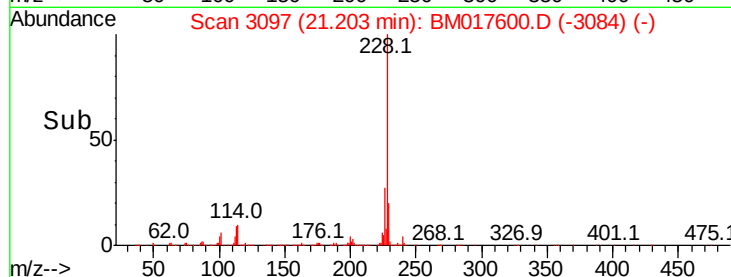
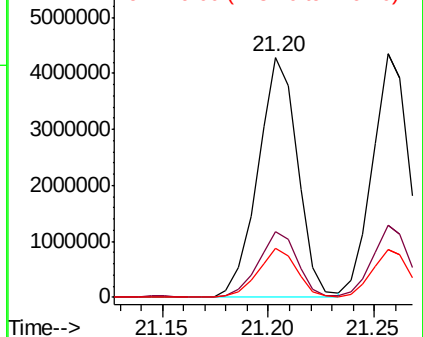
228 100

226 27.3 21.4 32.0

229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.850 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

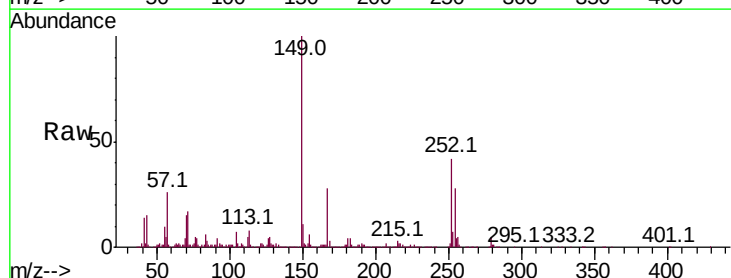
Tgt Ion:252 Resp: 1675293

Ion Ratio Lower Upper

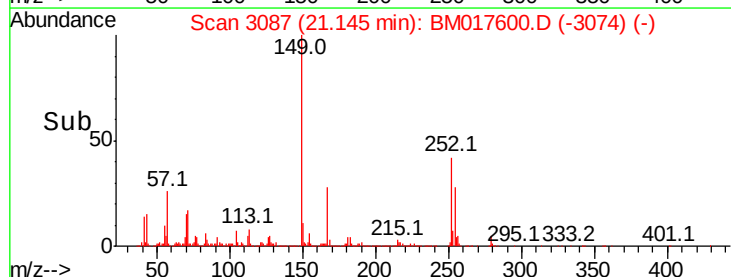
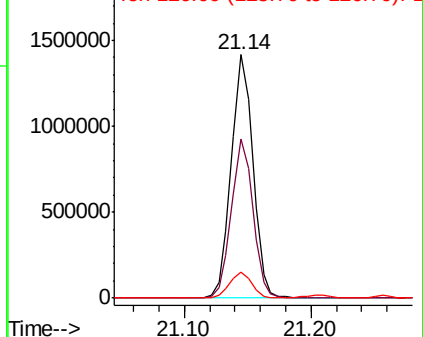
252 100

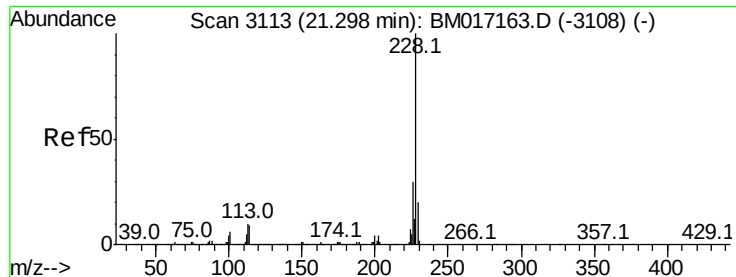
254 65.3 52.1 78.1

126 10.4 8.6 12.8



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: 50.256 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

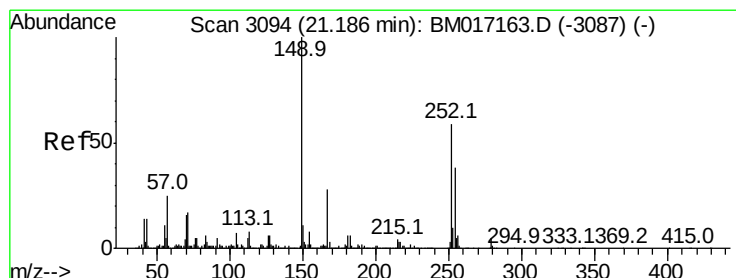
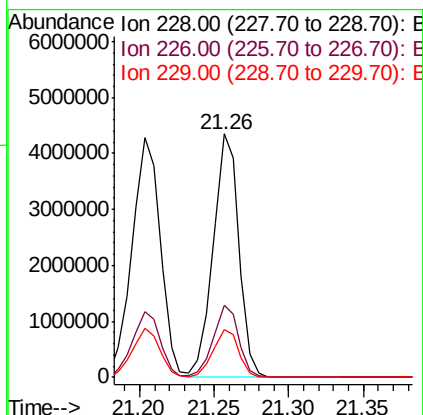
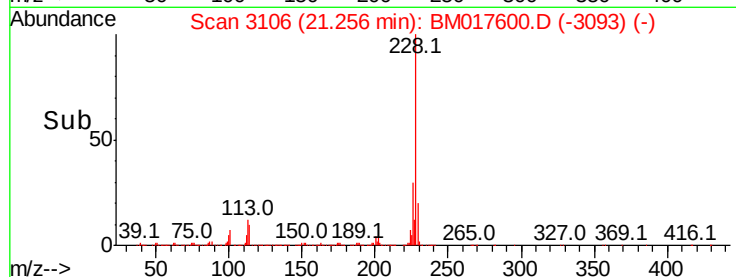
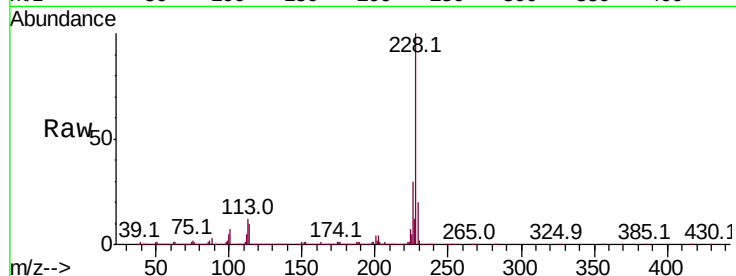
Tot Ion:228 Resp: 5218096

Ion Ratio Lower Upper

228 100

226 29.7 23.3 34.9

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.955 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

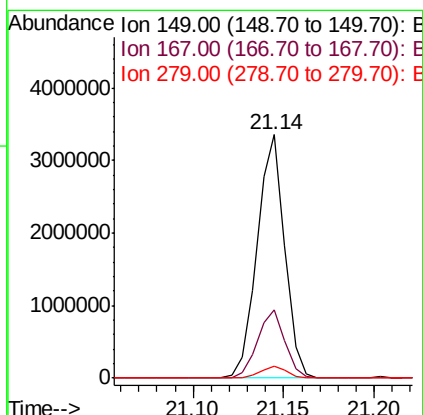
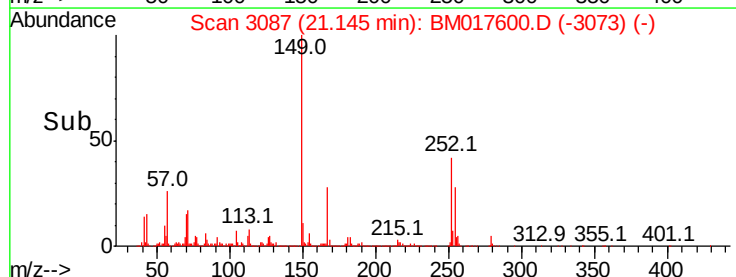
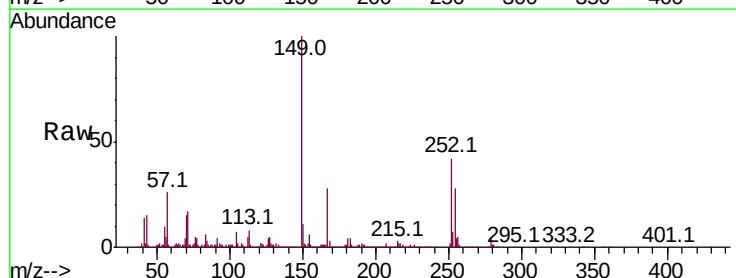
Tgt Ion:149 Resp: 3522297

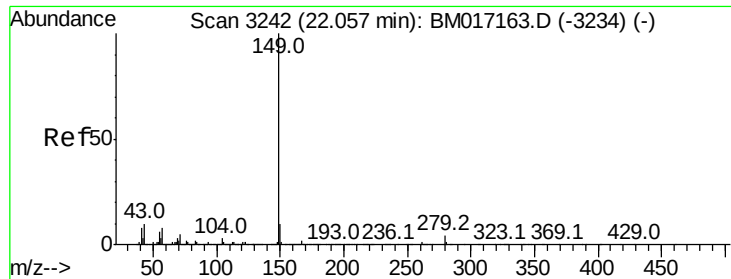
Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.4

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.224 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

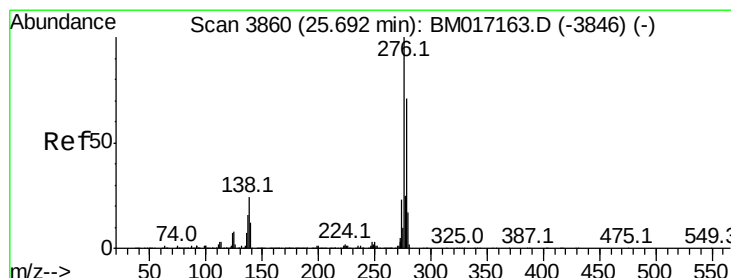
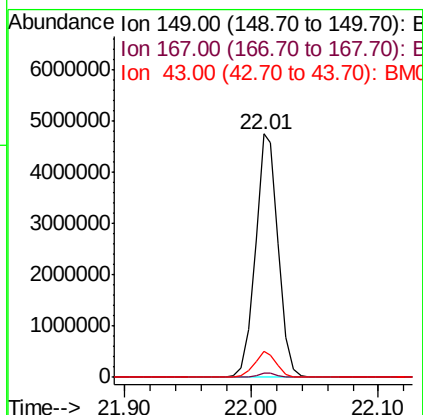
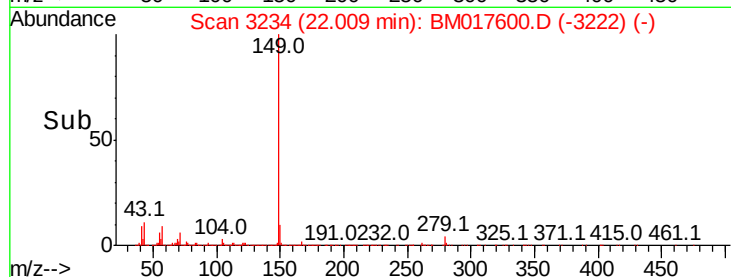
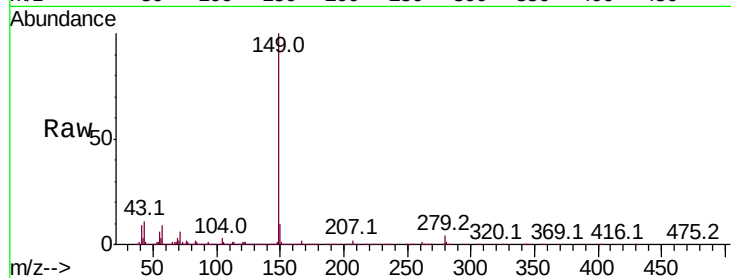
Tot Ion:149 Resp: 5888651

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 10.4 7.2 10.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.887 ng

RT: 25.61 min Scan# 3846

Delta R.T. -0.05 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

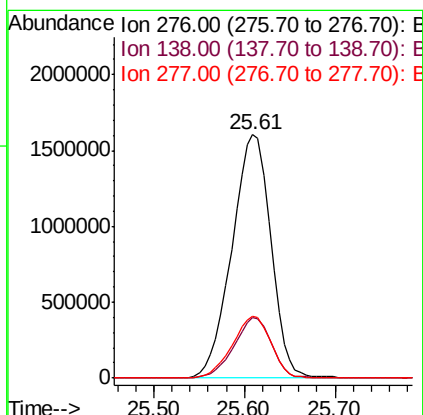
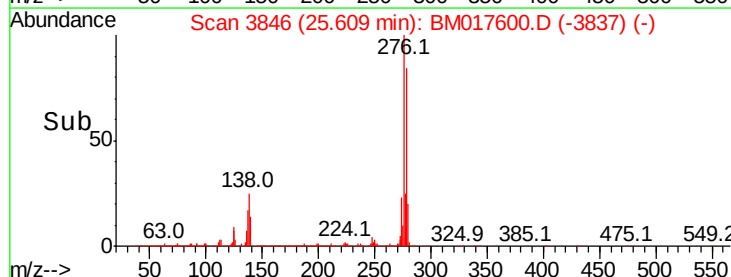
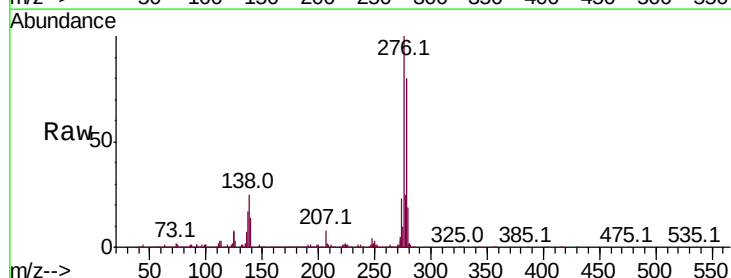
Tgt Ion:276 Resp: 4748299

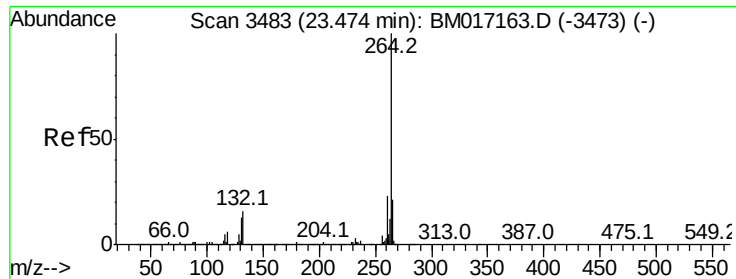
Ion Ratio Lower Upper

276 100

138 23.9 19.5 29.3

277 25.3 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

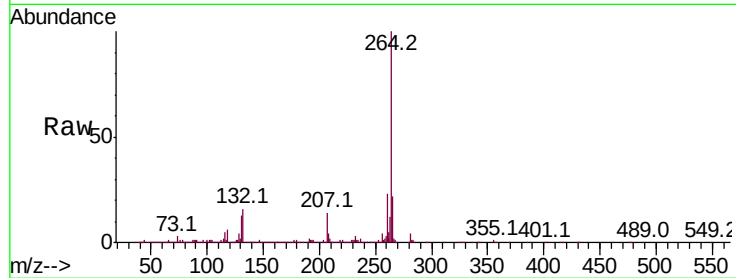
Tot Ion:264 Resp: 1683233

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

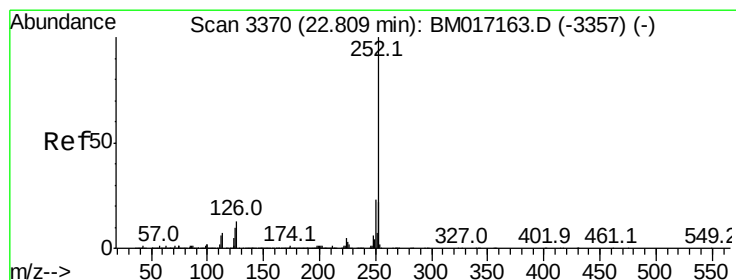
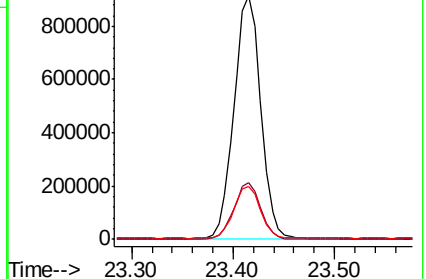
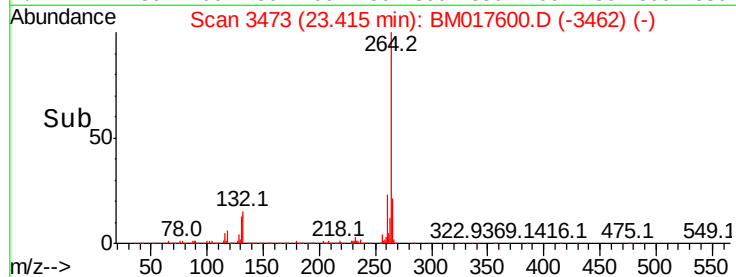
265 21.5 17.8 26.8



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: 55.669 ng

RT: 22.76 min Scan# 3362

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

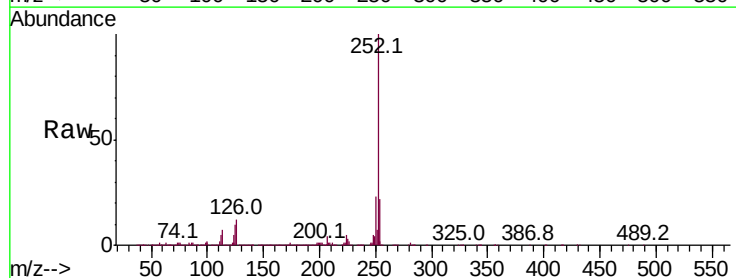
Tgt Ion:252 Resp: 5123164

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

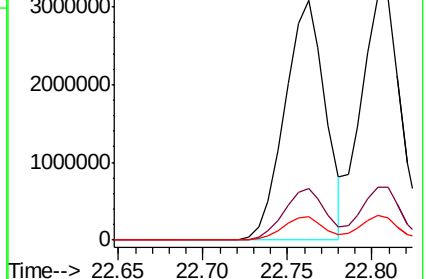
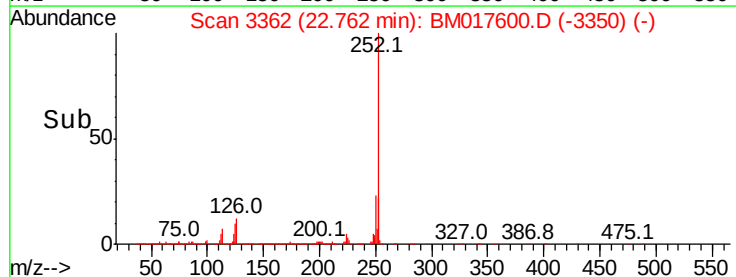
125 9.6 7.5 11.3

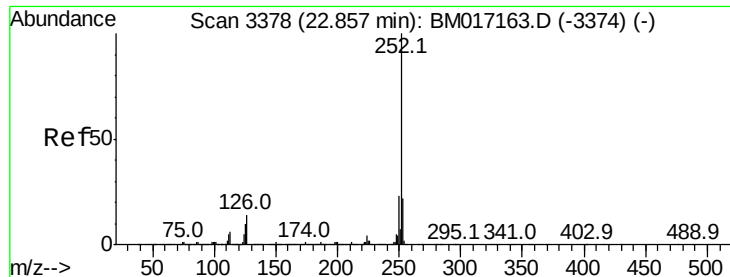


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 55.375 ng

RT: 22.80 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

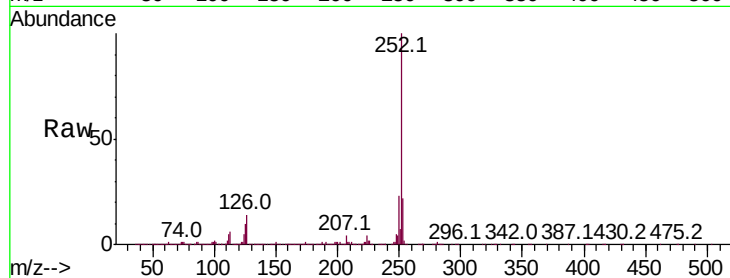
BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:252 Resp: 5113507

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.1	8.2	12.2

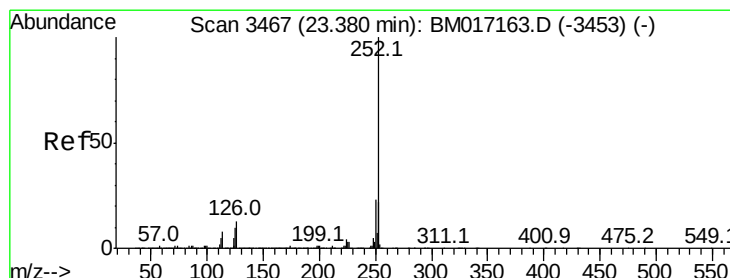
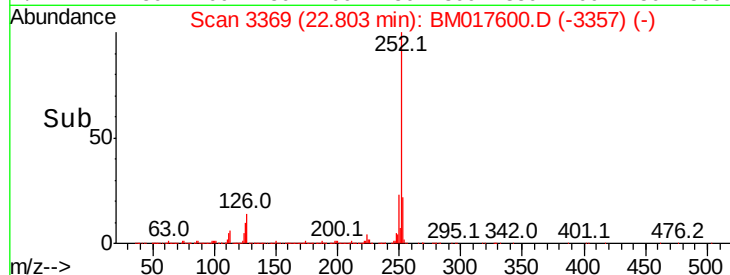
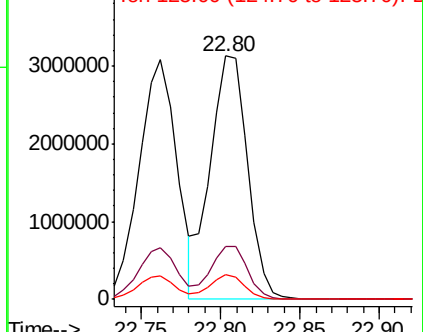


Abundance

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: 54.986 ng

RT: 23.32 min Scan# 3457

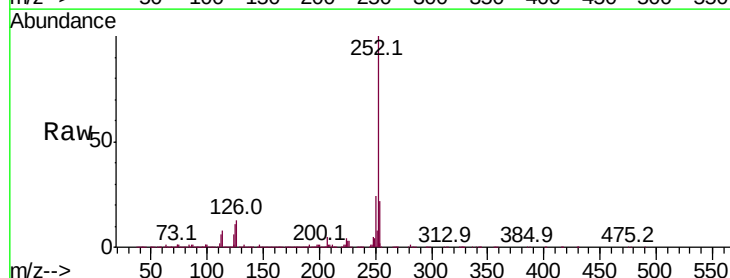
Delta R.T. -0.04 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Tgt Ion:252 Resp: 4804625

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.7	8.6	13.0

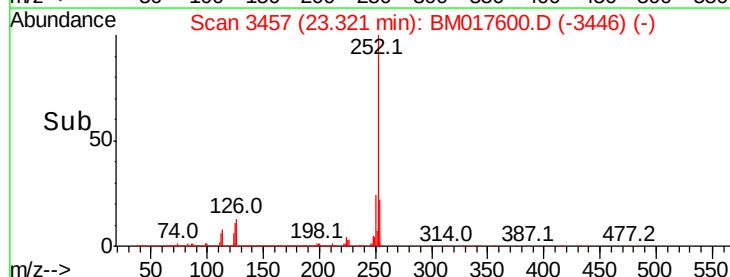
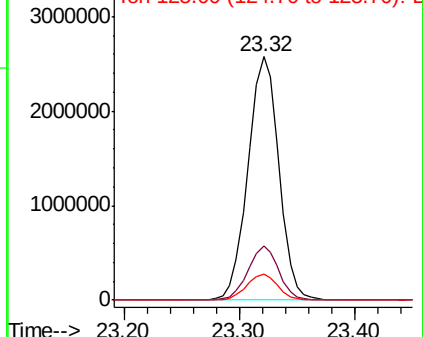


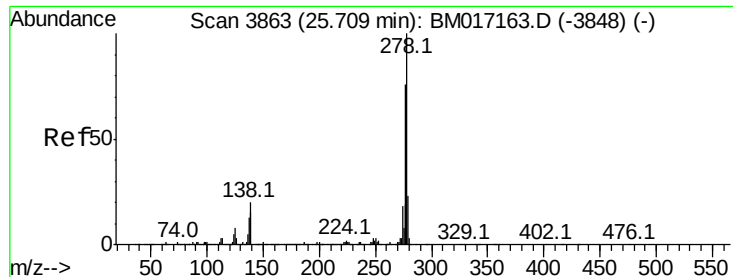
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.933 ng

RT: 25.62 min Scan# 3848

Delta R.T. -0.05 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

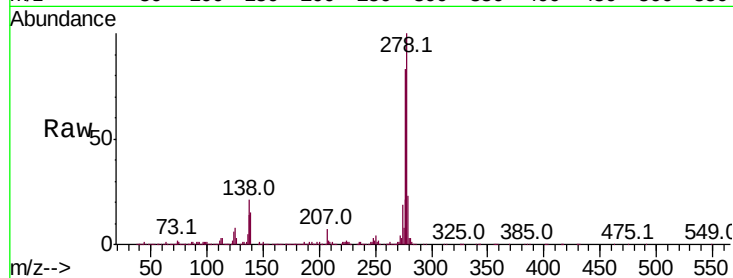
Tot Ion:278 Resp: 4072061

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	23.4	18.7	28.1

278 100

139 15.1 12.7 19.1

279 23.4 18.7 28.1

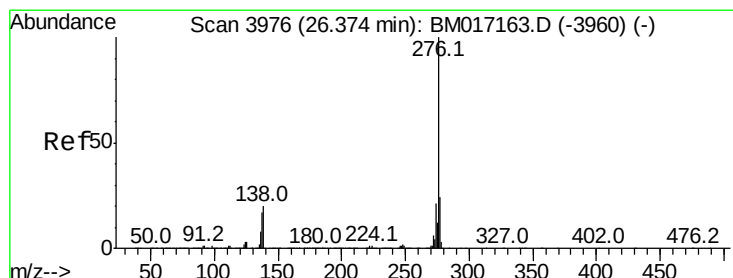
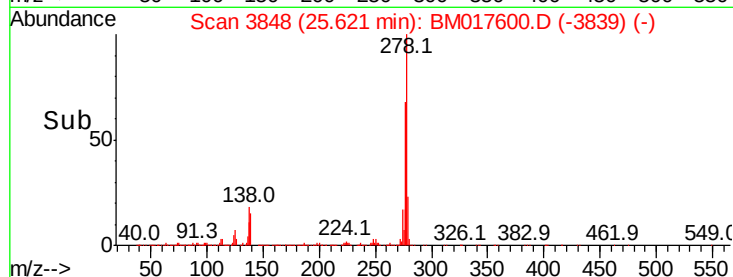
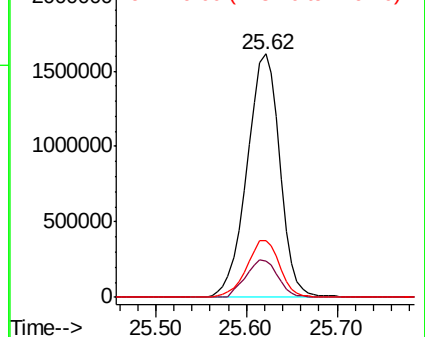


Abundance

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: 45.114 ng

RT: 26.28 min Scan# 3960

Delta R.T. -0.05 min

Lab File: BM017600.D

Acq: 09 Nov 2018 20:24

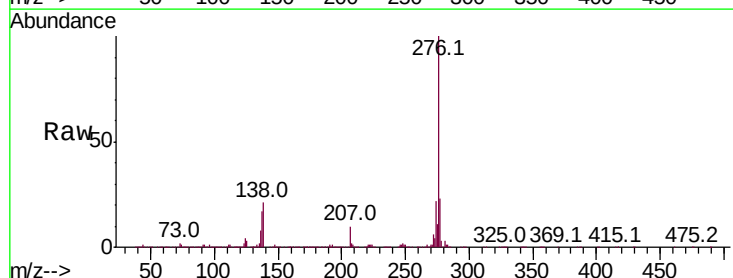
Tgt Ion:276 Resp: 3879459

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	20.7	16.4	24.6

276 100

277 23.4 18.6 28.0

138 20.7 16.4 24.6



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

