

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024603.D
 Acq On : 23 Jan 2020 12:22
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 13:03:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	250590	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1004892	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	710224	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1627378	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1653537	20.00	ng	0.00
87) Perylene-d12	23.17	264	1736974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1325756	94.26	ng	0.00
7) Phenol-d6	6.65	99	1847310	98.78	ng	0.00
23) Nitrobenzene-d5	8.59	82	2083648	100.12	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1163009	119.06	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	5264021	99.22	ng	0.00
79) Terphenyl-d14	19.50	244	9863283	125.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	258937	42.887	ng	100
3) Pyridine	3.45	79	751745	43.034	ng	99
4) n-Nitrosodimethylamine	3.37	42	337467	36.209	ng	98
6) Aniline	6.79	93	1124704	48.173	ng	99
8) 2-Chlorophenol	7.02	128	759002	48.107	ng	96
9) Benzaldehyde	6.60	77	481896	52.005	ng	98
10) Phenol	6.67	94	906217	47.318	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	741194	48.519	ng	98
12) 1,3-Dichlorobenzene	7.34	146	924561	47.101	ng	98
13) 1,4-Dichlorobenzene	7.48	146	928529	46.797	ng	99
14) 1,2-Dichlorobenzene	7.79	146	901075	46.911	ng	99
15) Benzyl Alcohol	7.69	79	758702	51.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.99	45	678705	33.992	ng	98
17) 2-Methylphenol	7.90	107	647409	49.445	ng	99
18) Hexachloroethane	8.51	117	362232	49.294	ng	97
19) n-Nitroso-di-n-propylamine	8.26	70	680991	50.663	ng	98
20) 3+4-Methylphenols	8.23	107	897884	50.201	ng	99
22) Acetophenone	8.26	105	1321054	47.033	ng	99
24) Nitrobenzene	8.63	77	997154	48.895	ng	98
25) Isophorone	9.16	82	1773849	50.873	ng	99
26) 2-Nitrophenol	9.33	139	473830	66.375	ng	99
27) 2,4-Dimethylphenol	9.41	122	637887	51.844	ng	98
28) bis(2-Chloroethoxy)methane	9.65	93	1089487	50.925	ng	99
29) 2,4-Dichlorophenol	9.86	162	858554	53.153	ng	100
30) 1,2,4-Trichlorobenzene	10.07	180	1014651	51.550	ng	99
31) Naphthalene	10.26	128	2584166	47.612	ng	99
32) Benzoic acid	9.59	122	541516	68.450	ng	99
33) 4-Chloroaniline	10.37	127	1151432	47.850	ng	99
34) Hexachlorobutadiene	10.56	225	698491	53.732	ng	99
35) Caprolactam	11.16	113	227503	46.203	ng	97
36) 4-Chloro-3-methylphenol	11.52	107	910453	53.765	ng	96
37) 2-Methylnaphthalene	11.88	142	2000743	50.318	ng	99
38) 1-Methylnaphthalene	12.10	142	1881778	49.675	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1278582	51.529	ng	100

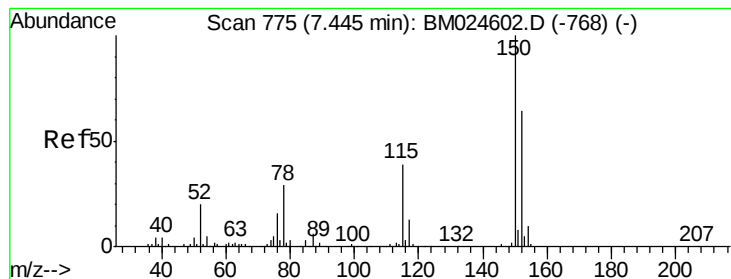
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024603.D
 Acq On : 23 Jan 2020 12:22
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	726805	53.060	ng	98
43) 2,4,6-Trichlorophenol	12.51	196	822772	58.218	ng	99
44) 2,4,5-Trichlorophenol	12.58	196	838118	55.104	ng	99
46) 1,1'-Biphenyl	12.92	154	2726989	47.771	ng	100
47) 2-Chloronaphthalene	12.96	162	2187114	47.271	ng	99
48) 2-Nitroaniline	13.16	65	677046	48.218	ng	98
49) Acenaphthylene	13.81	152	3296610	47.060	ng	100
50) Dimethylphthalate	13.57	163	2896083	49.192	ng	100
51) 2,6-Dinitrotoluene	13.68	165	624655	49.746	ng	95
52) Acenaphthene	14.16	154	2034982	47.511	ng	99
53) 3-Nitroaniline	14.00	138	647884	47.269	ng	98
54) 2,4-Dinitrophenol	14.22	184	379515	74.748	ng	97
55) Dibenzofuran	14.50	168	3304269	47.663	ng	100
56) 4-Nitrophenol	14.33	139	510869	50.197	ng	97
57) 2,4-Dinitrotoluene	14.47	165	890300	49.664	ng	99
58) Fluorene	15.15	166	2784948	47.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	857386	60.598	ng	98
60) Diethylphthalate	14.96	149	2925856	48.157	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1590606	49.784	ng	99
62) 4-Nitroaniline	15.18	138	711996	45.924	ng	100
63) Azobenzene	15.45	77	2513352	46.157	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	499479	71.744	ng	96
66) n-Nitrosodiphenylamine	15.37	169	2383489	49.527	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	1025702	52.233	ng	99
68) Hexachlorobenzene	16.16	284	1169414	51.129	ng	98
69) Atrazine	16.34	200	916611	69.111	ng	99
70) Pentachlorophenol	16.50	266	733559	63.529	ng	100
71) Phenanthrene	16.89	178	4484389	48.307	ng	99
72) Anthracene	16.98	178	4410147	48.476	ng	100
73) Carbazole	17.25	167	3989563	46.912	ng	100
74) Di-n-butylphthalate	17.84	149	5115963	52.146	ng	100
75) Fluoranthene	18.92	202	5567965	50.188	ng	99
77) Benzidine	19.11	184	1805920	74.634	ng	100
78) Pyrene	19.28	202	5697804	52.285	ng	99
80) Butylbenzylphthalate	20.22	149	2418671	66.603	ng	100
81) Benzo(a)anthracene	21.04	228	5927109	52.020	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	2172707	62.512	ng	100
83) Chrysene	21.09	228	5613457	52.101	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3527282	58.605	ng	100
85) Di-n-octyl phthalate	21.86	149	5858968	62.783	ng	100
86) Indeno(1,2,3-cd)pyrene	25.24	276	5720669	53.492	ng	98
88) Benzo(b)fluoranthene	22.55	252	5821255	49.531	ng	100
89) Benzo(k)fluoranthene	22.59	252	5768970	51.090	ng	100
90) Benzo(a)pyrene	23.08	252	5286932	50.502	ng	99
91) Dibenzo(a,h)anthracene	25.26	278	4815378	51.595	ng	99
92) Benzo(g,h,i)perylene	25.87	276	4314926	51.166	ng	99

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

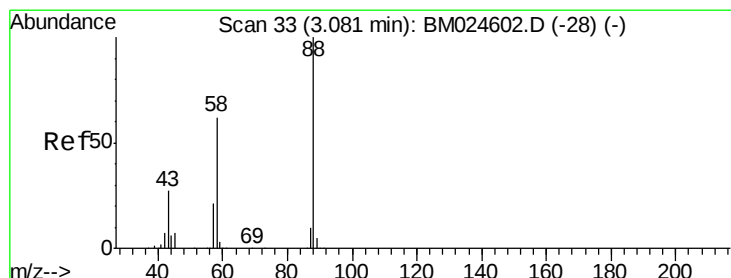
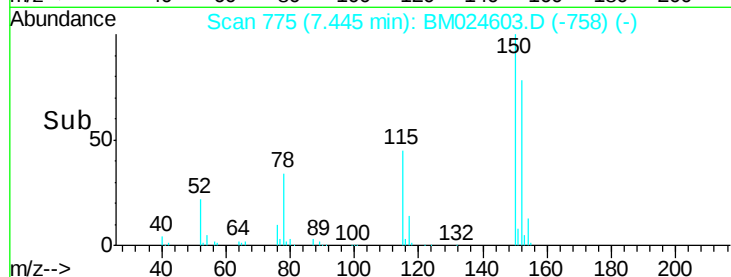
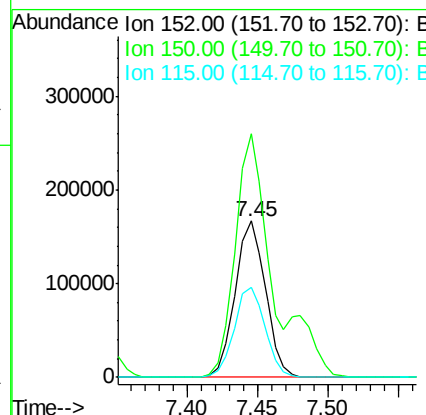
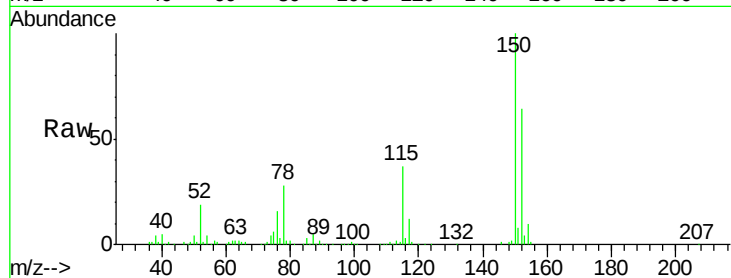


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampleId :

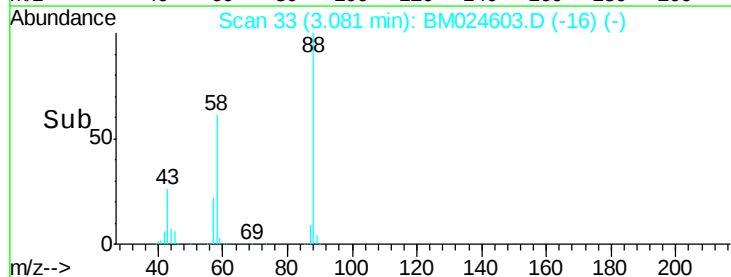
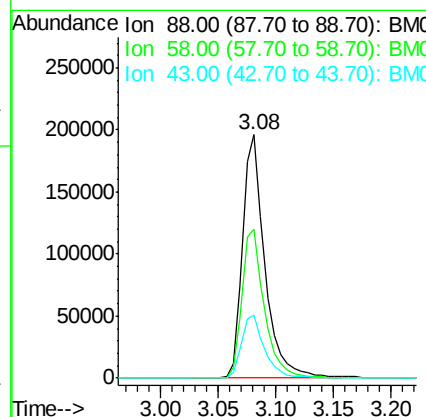
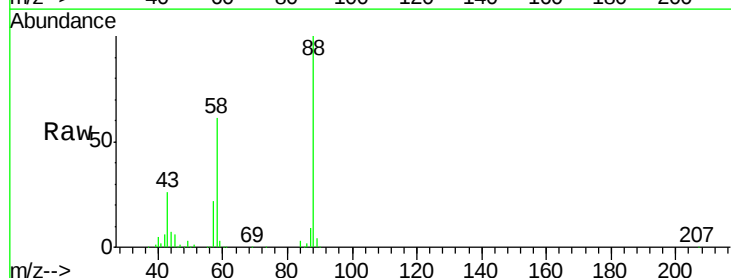
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.4
115	57.9	48.6	72.8

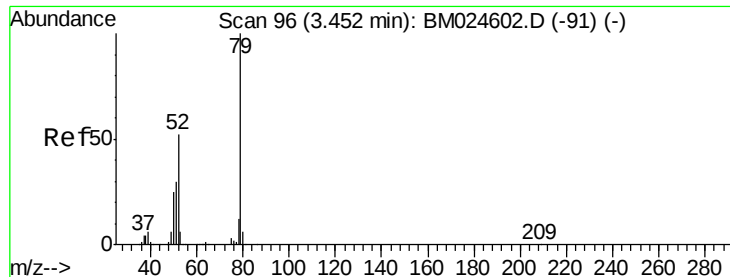


#2

1,4-Dioxane
Concen: 42.887 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	50.0	75.0
43	27.2	21.6	32.4





#3

Pvridine

Concen: 43.034 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

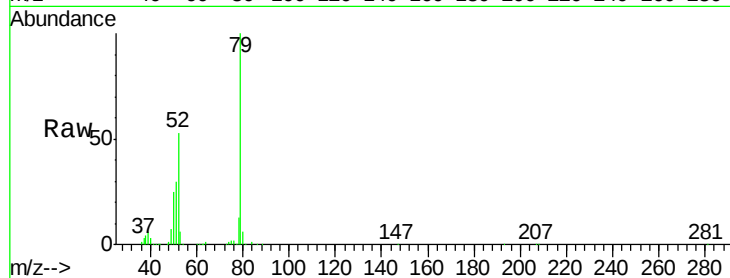
Tot Ion: 79 Resp: 751745

Ion Ratio Lower Upper

79 100

52 52.5 41.4 62.2

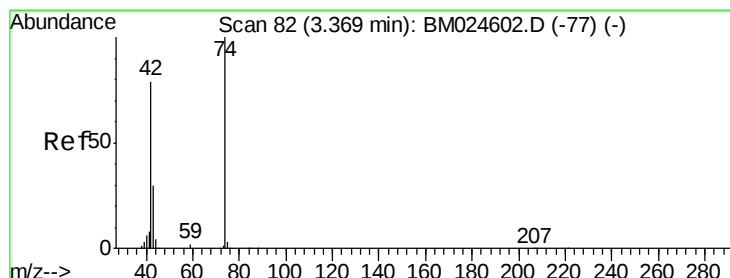
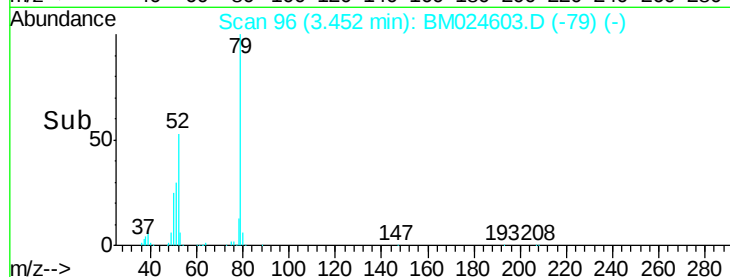
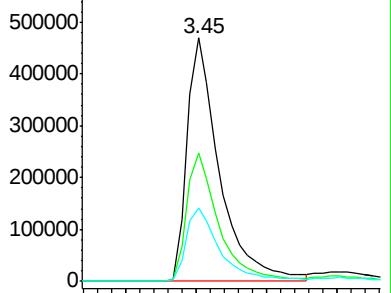
51 30.0 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024603.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM024603.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM024603.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 36.209 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

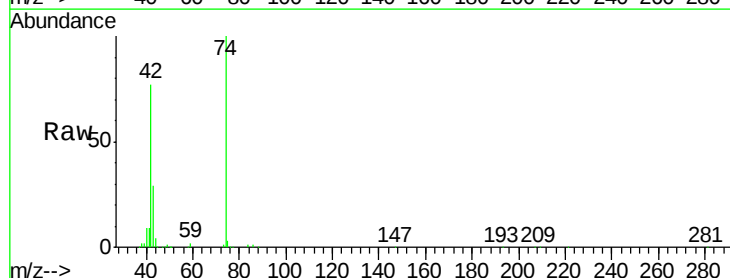
Tgt Ion: 42 Resp: 337467

Ion Ratio Lower Upper

42 100

74 129.3 101.4 152.2

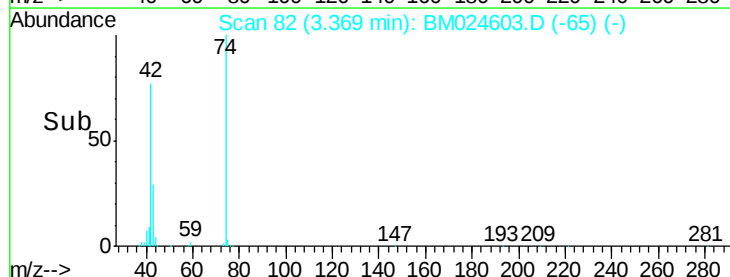
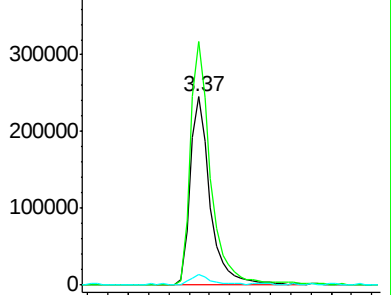
44 5.5 4.6 6.8

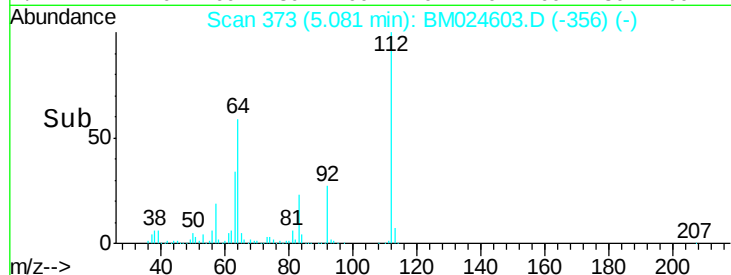
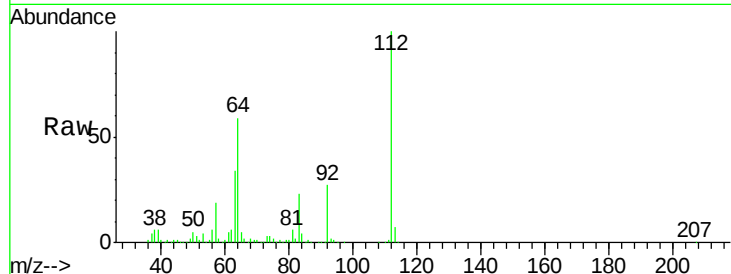
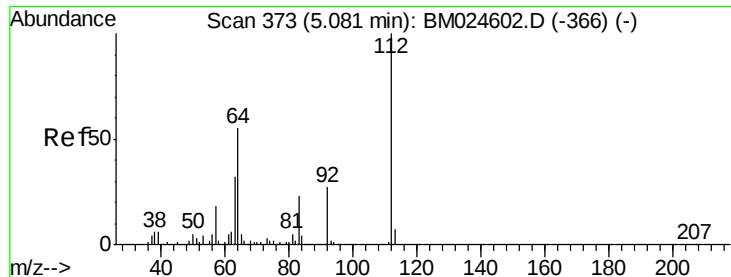


Abundance Ion 42.00 (41.70 to 42.70): BM024603.D (-65) (-)

Ion 74.00 (73.70 to 74.70): BM024603.D (-65) (-)

Ion 44.00 (43.70 to 44.70): BM024603.D (-65) (-)

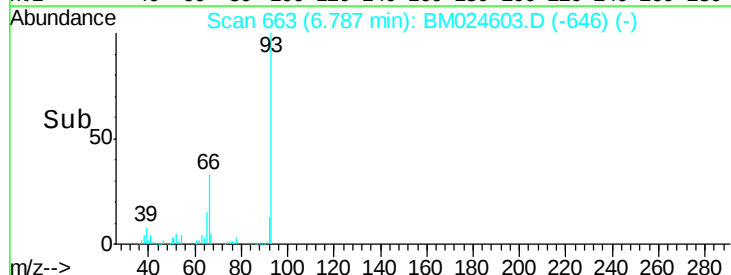
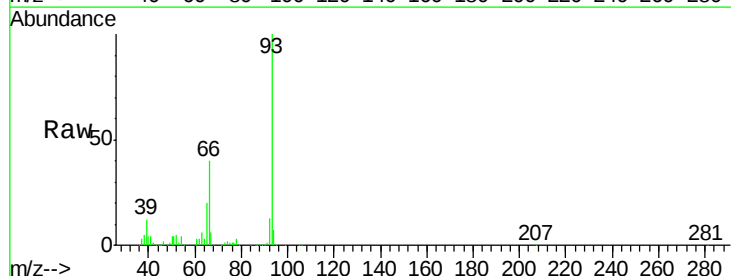
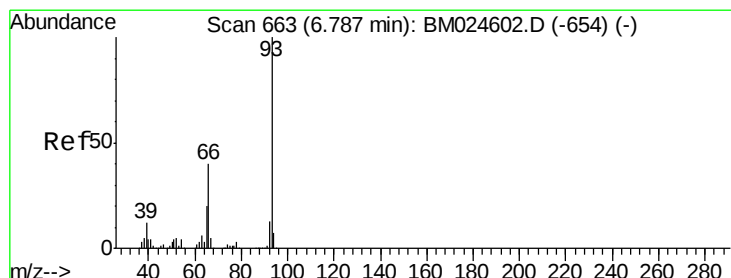
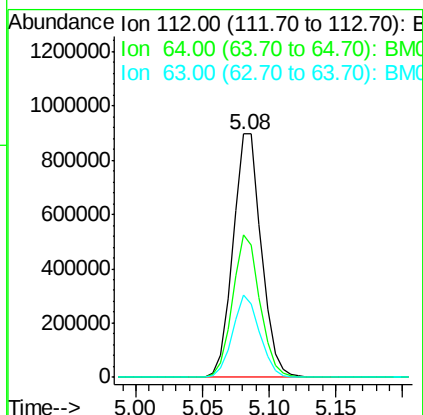




#5
2-Fluorophenol
Concen: 94.255 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

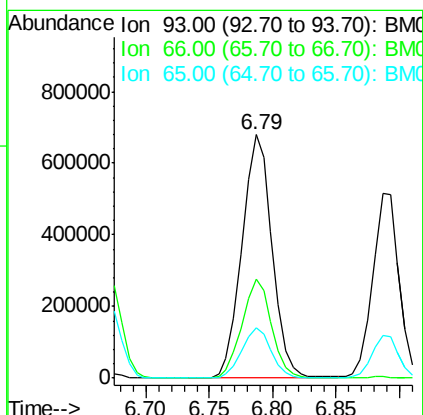
Instrument :
BNA_M
ClientSampleId :

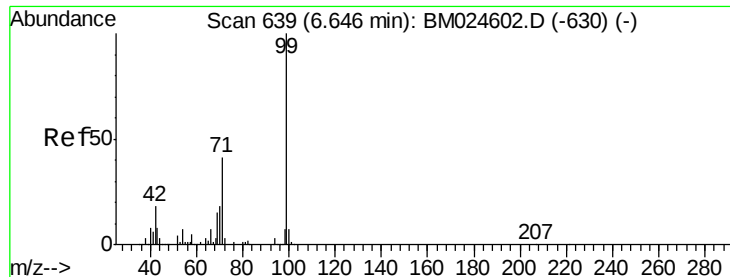
Tot Ion:112 Resp: 1325756
Ion Ratio Lower Upper
112 100
64 58.6 44.2 66.4
63 33.6 25.9 38.9



#6
Aniline
Concen: 48.173 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion: 93 Resp: 1124704
Ion Ratio Lower Upper
93 100
66 40.5 31.8 47.8
65 20.5 15.8 23.6





#7

Phenol-d6

Concen: 98.779 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

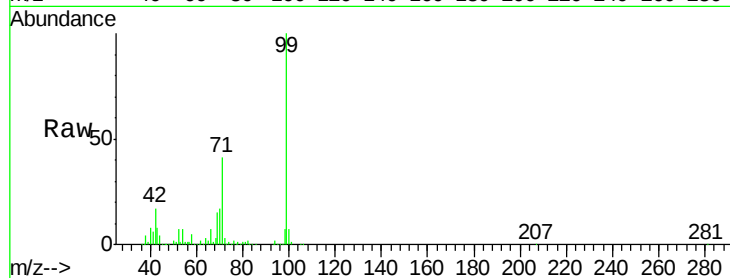
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1847310

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	41.4	33.0	49.6

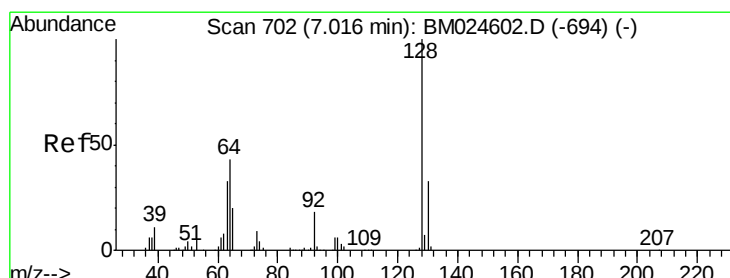
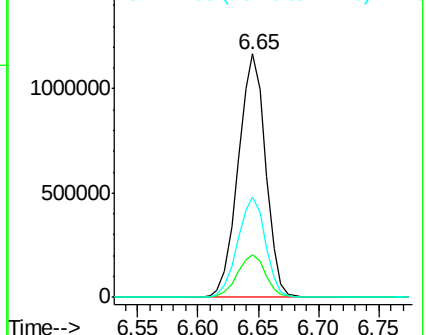
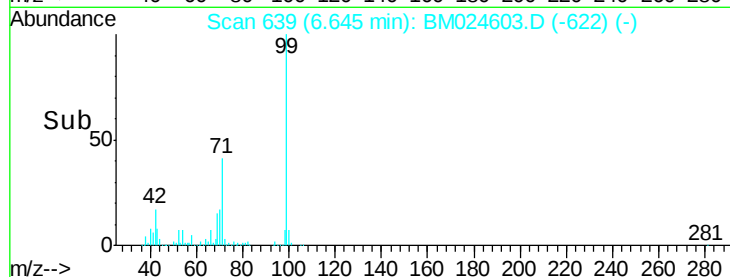


Abundance

Ion 99.00 (98.70 to 99.70): BM024603.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024603.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024603.D (-622) (-)



#8

2-Chlorophenol

Concen: 48.107 ng

RT: 7.02 min Scan# 703

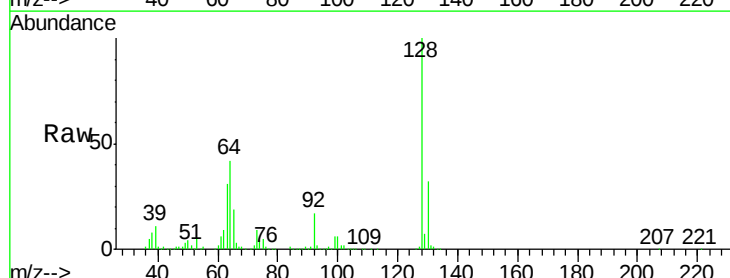
Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion: 128 Resp: 759002

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	41.8	26.1	66.1

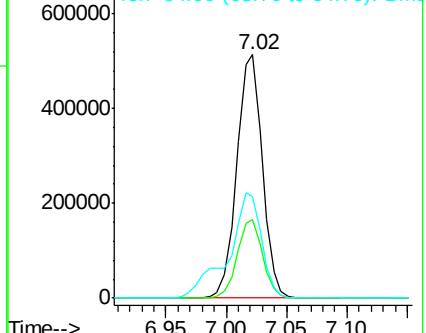
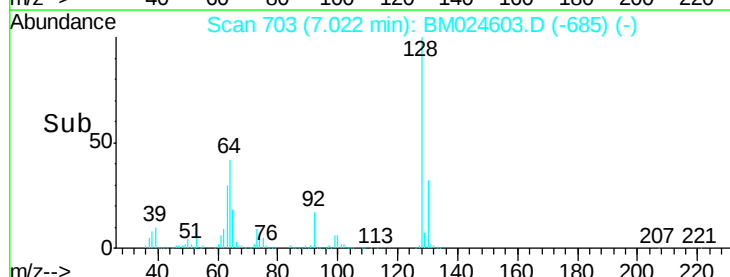


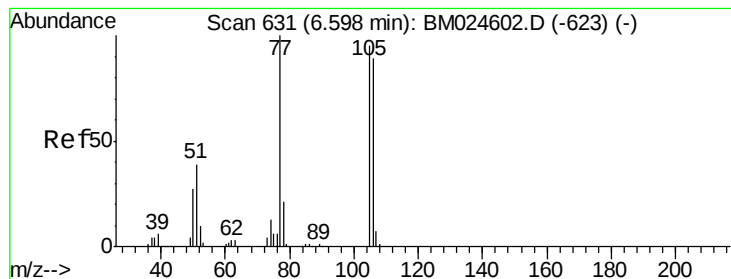
Abundance

Ion 128.00 (127.70 to 128.70): BM024603.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024603.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024603.D (-685) (-)





#9

Benzaldehyde

Concen: 52.005 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

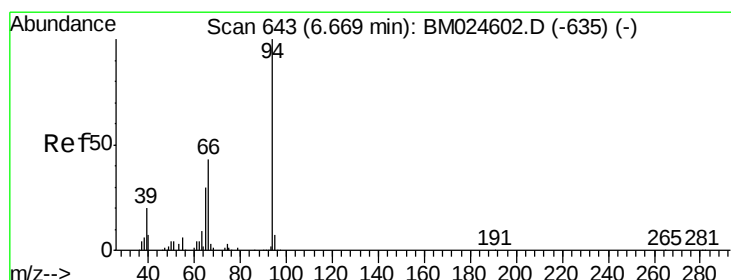
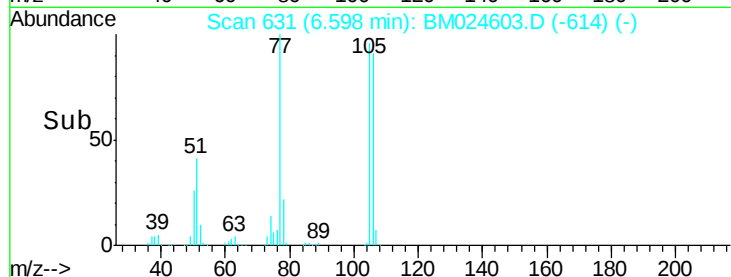
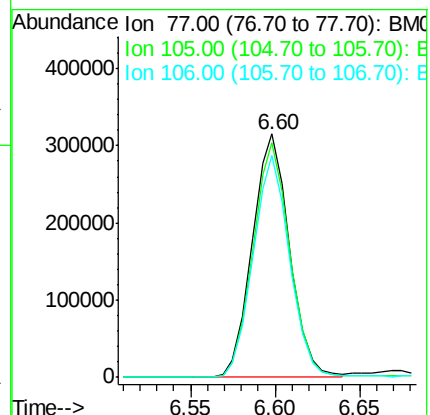
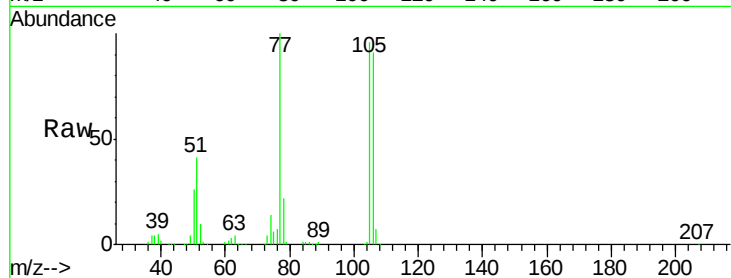
Tot Ion: 77 Resp: 481896

Ion Ratio Lower Upper

77 100

105 96.3 75.2 115.2

106 91.1 68.6 108.6



#10

Phenol

Concen: 47.318 ng

RT: 6.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

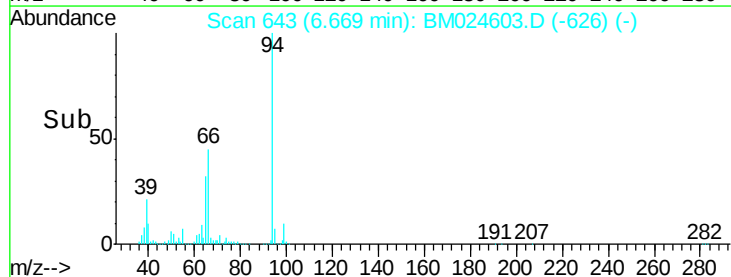
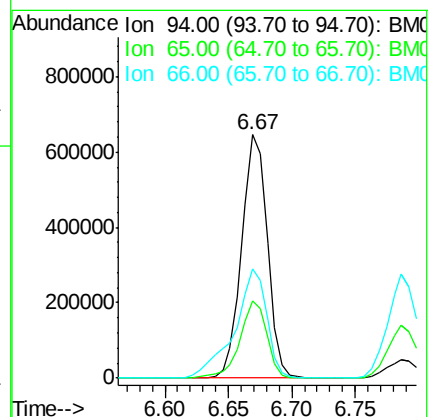
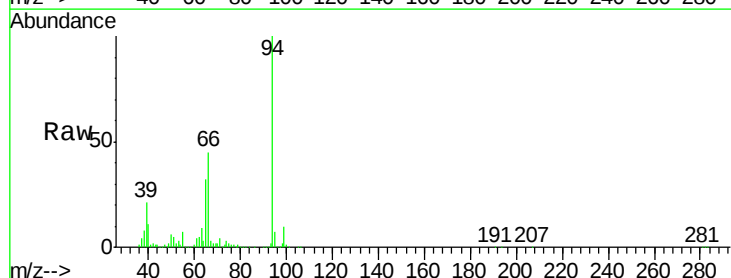
Tgt Ion: 94 Resp: 906217

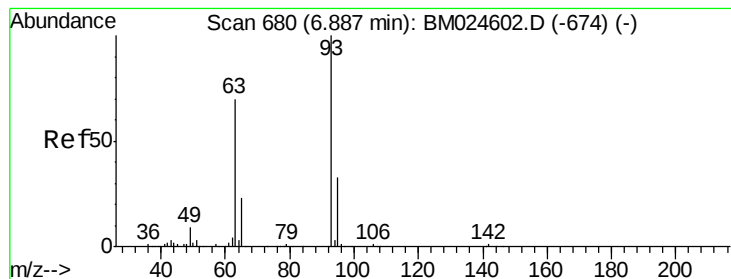
Ion Ratio Lower Upper

94 100

65 31.5 10.3 50.3

66 45.0 24.8 64.8

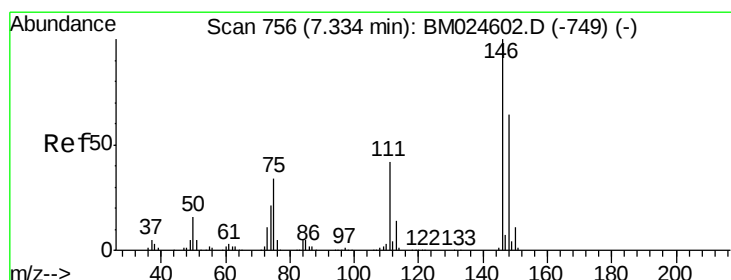
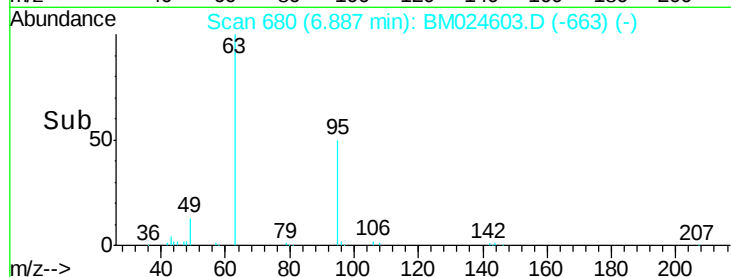
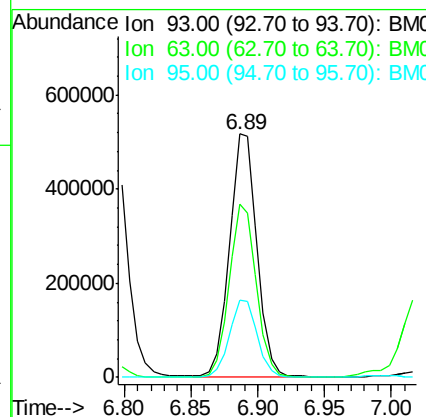
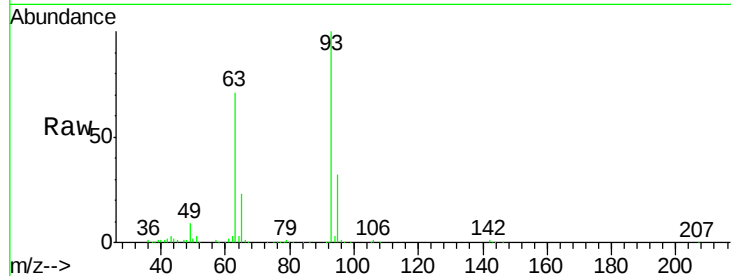




#11
bis(2-Chloroethyl)ether
Concen: 48.519 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

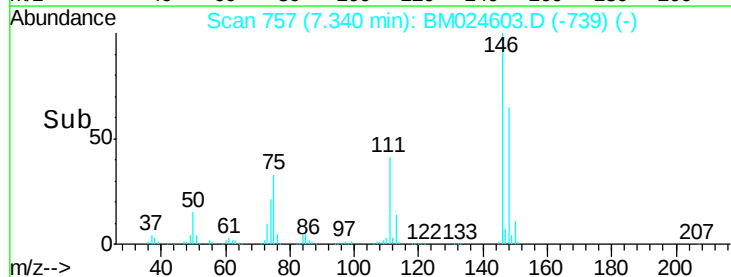
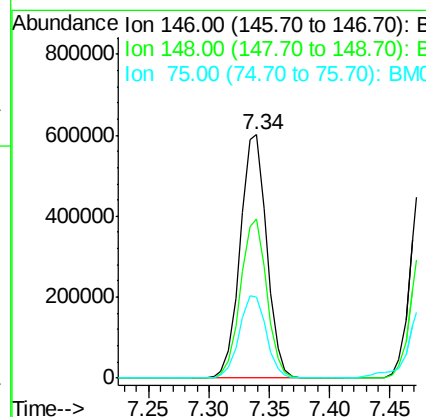
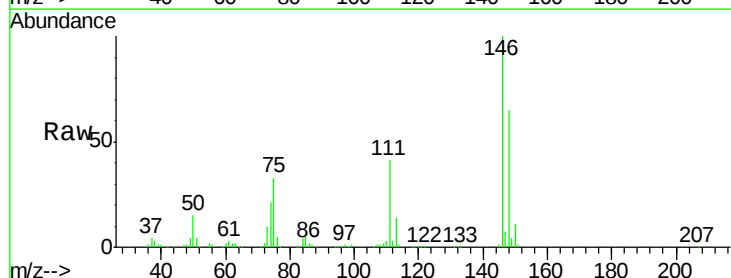
Instrument :
BNA_M
ClientSampleId :

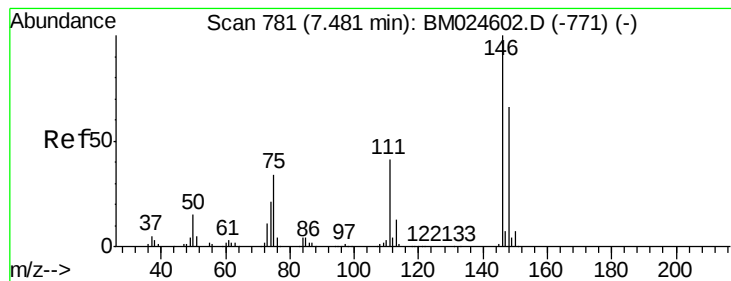
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	49.6	89.6
95	31.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 47.101 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
75	33.1	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 46.797 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

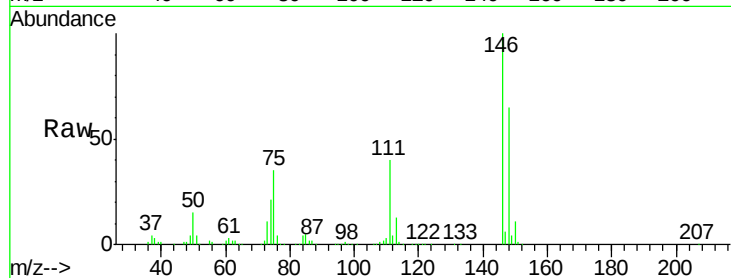
Tot Ion:146 Resp: 928529

Ion Ratio Lower Upper

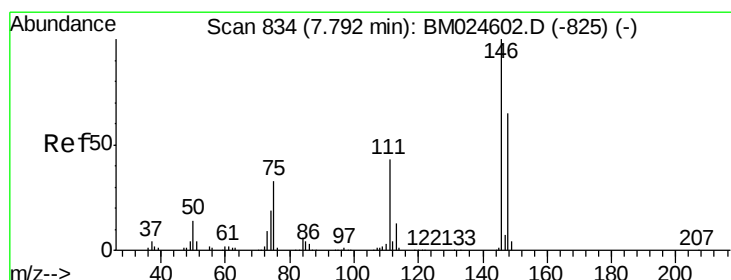
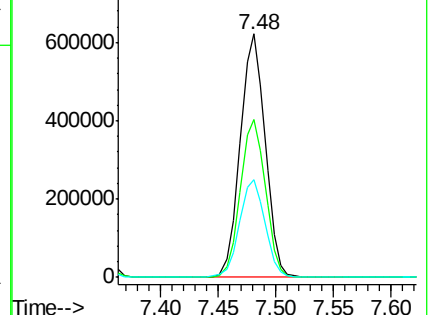
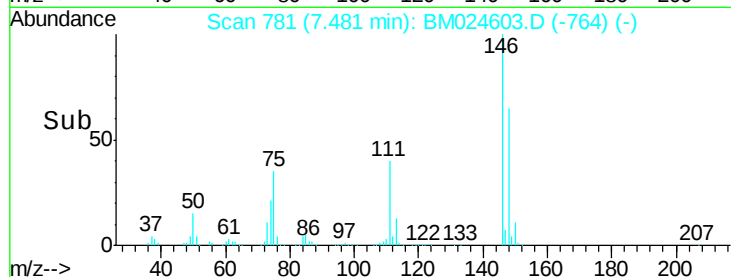
146 100

148 64.6 52.5 78.7

111 40.4 33.0 49.4



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: 46.911 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

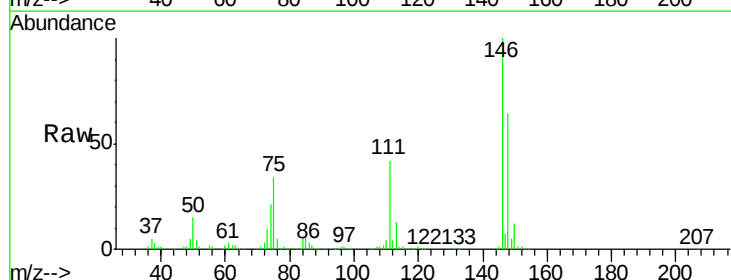
Tgt Ion:146 Resp: 901075

Ion Ratio Lower Upper

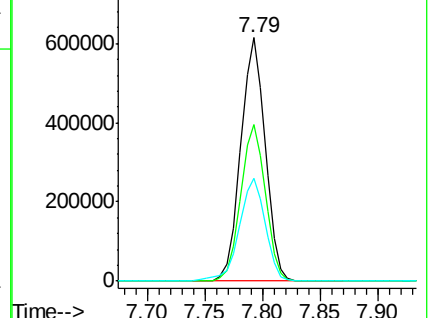
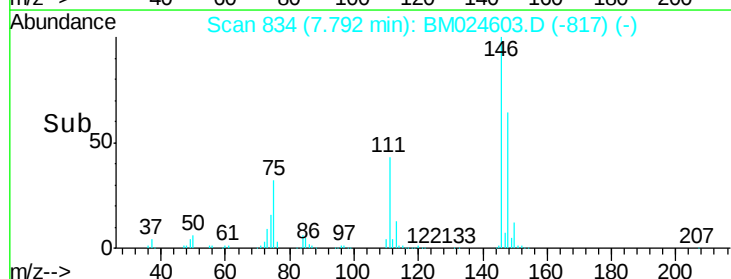
146 100

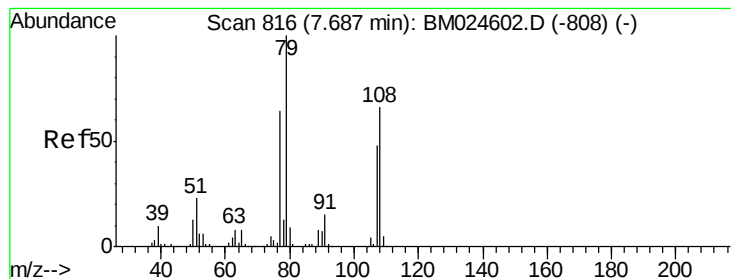
148 64.2 51.9 77.9

111 42.5 34.5 51.7



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: 51.653 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampled :

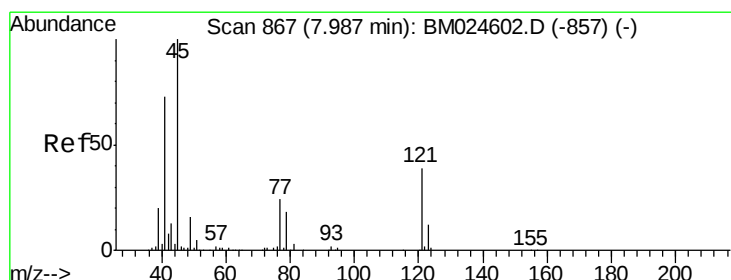
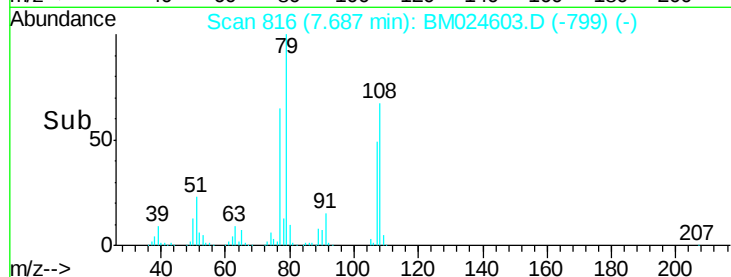
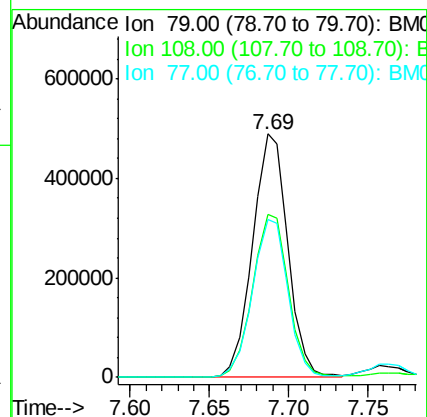
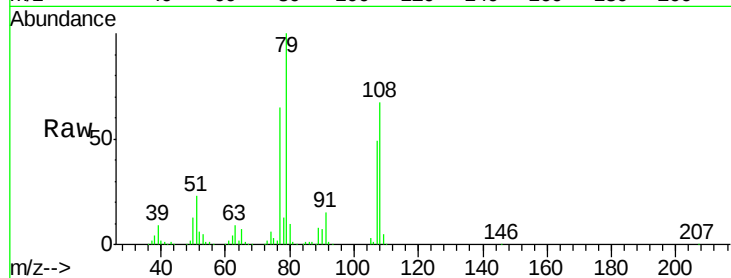
Tot Ion: 79 Resp: 758702

Ion Ratio Lower Upper

79 100

108 66.8 53.0 79.4

77 64.6 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.992 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

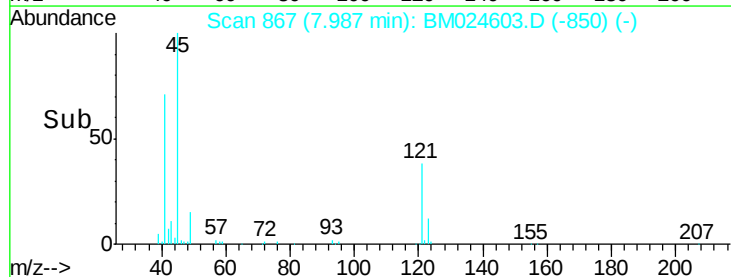
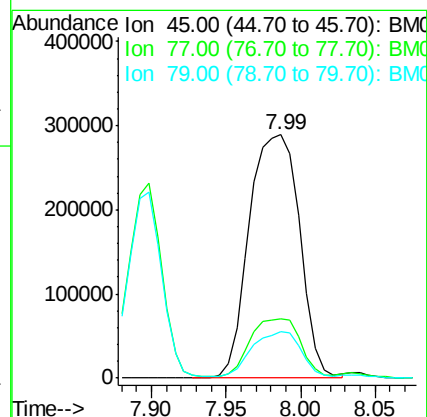
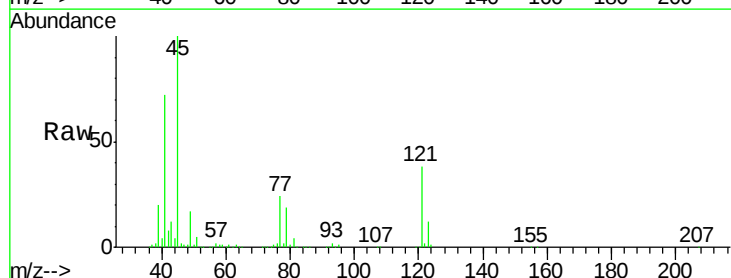
Tgt Ion: 45 Resp: 678705

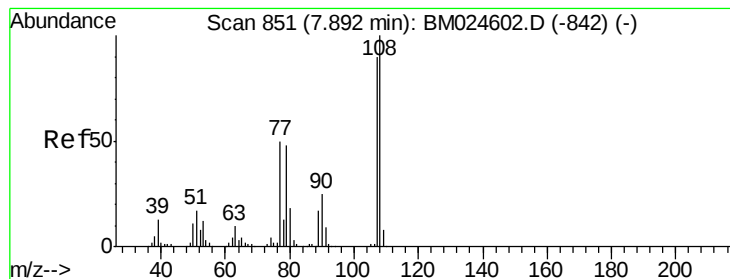
Ion Ratio Lower Upper

45 100

77 24.2 5.2 45.2

79 18.9 0.0 39.4





#17

2-Methylphenol

Concen: 49.445 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 647409

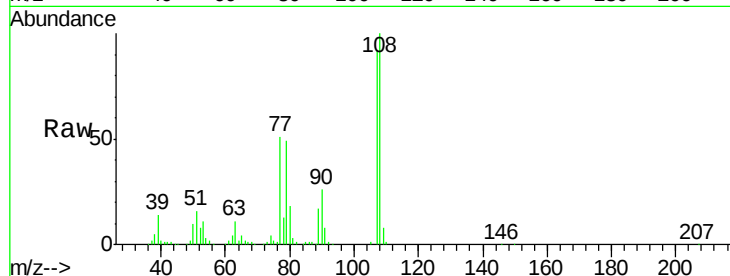
Ion Ratio Lower Upper

107 100

108 109.0 88.9 133.3

77 55.5 44.5 66.7

79 53.1 42.9 64.3

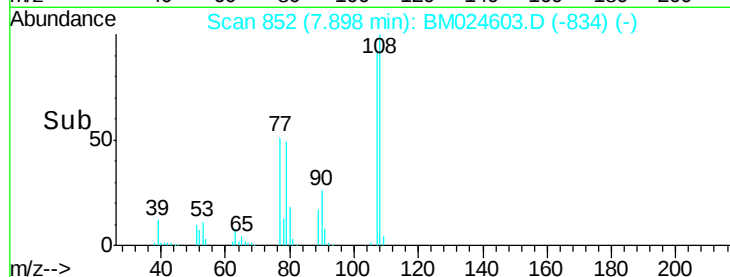


Abundance Ion 107.00 (106.70 to 107.70): E

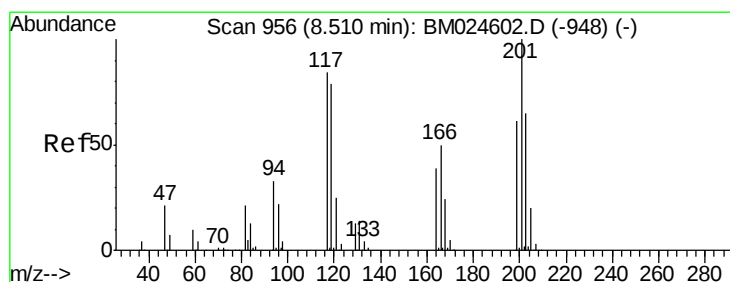
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 49.294 ng

RT: 8.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

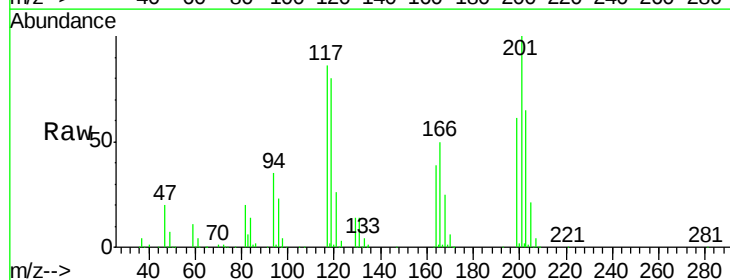
Tgt Ion:117 Resp: 362232

Ion Ratio Lower Upper

117 100

119 92.5 75.4 113.2

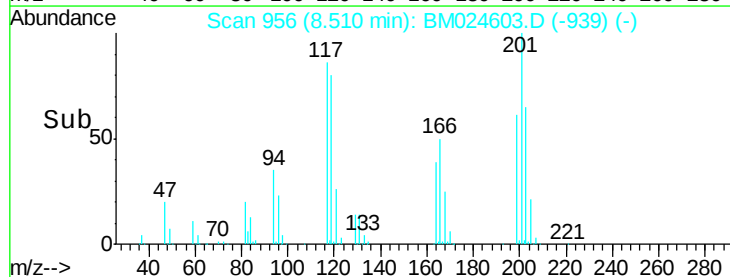
201 116.0 95.8 143.6



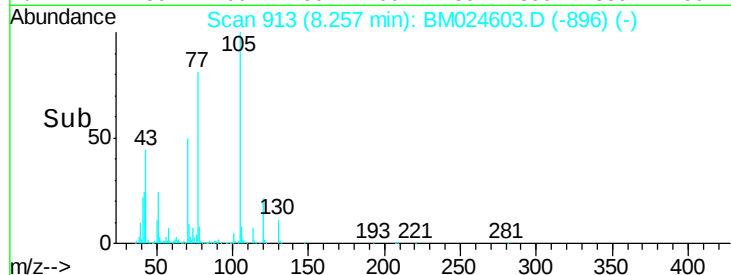
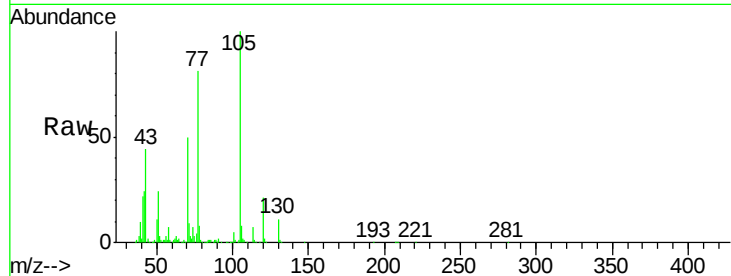
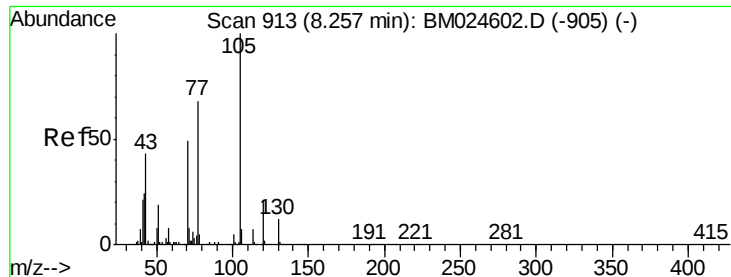
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



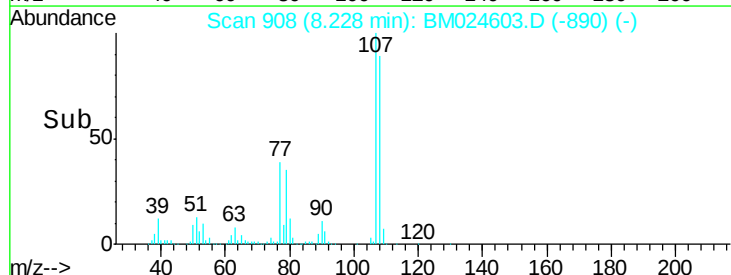
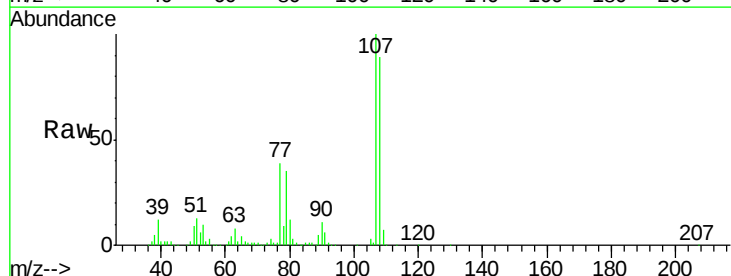
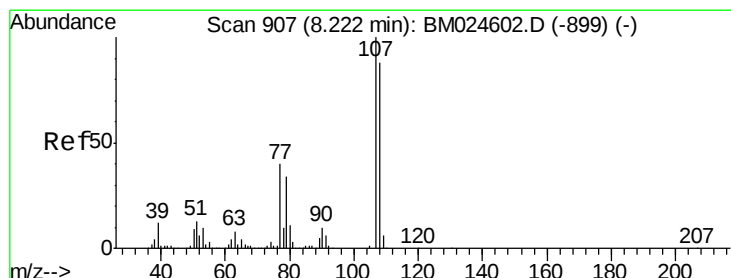
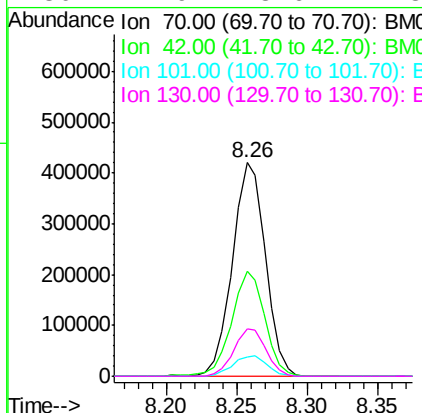
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 50.663 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

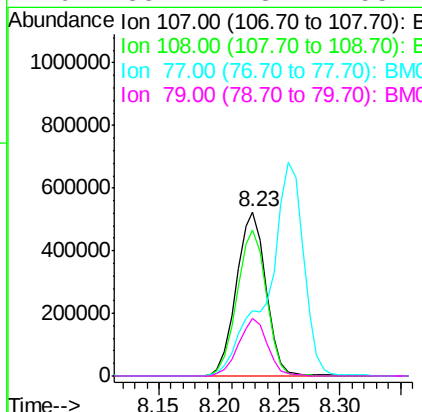
Instrument :
BNA_M
ClientSampleId :

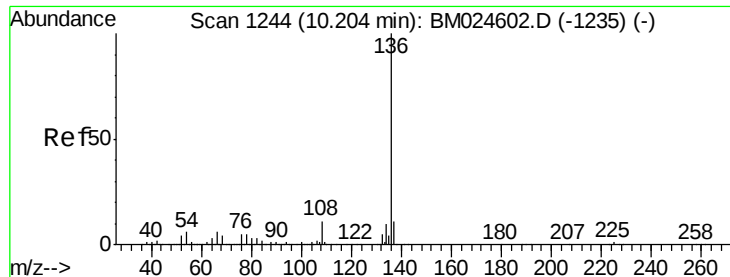
Tot Ion:	70	Resp:	680991
Ion	Ratio	Lower	Upper
70	100		
42	48.9	40.0	60.0
101	9.3	8.2	12.2
130	21.9	18.6	27.8



#20
3+4-Methylphenols
Concen: 50.201 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:	107	Resp:	897884
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.0	108.0
77	39.5	19.9	59.9
79	35.1	13.7	53.7



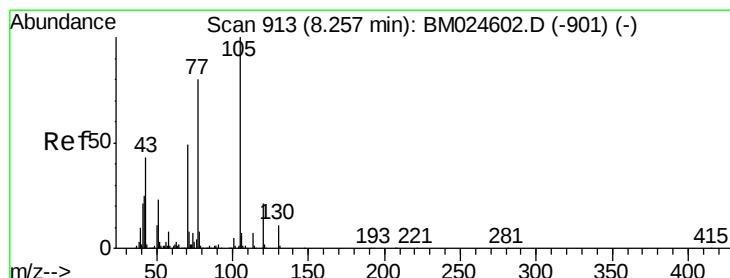
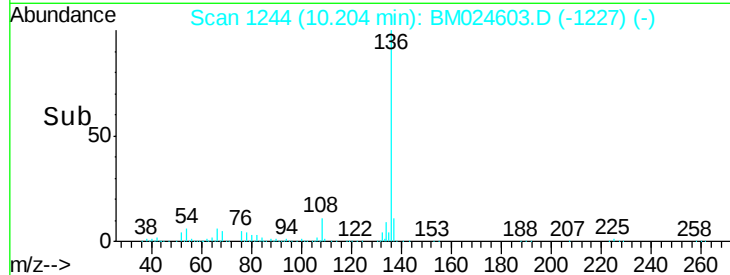
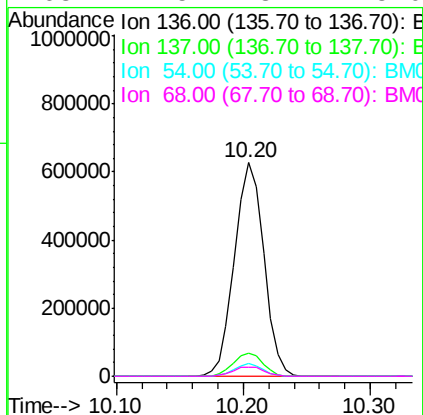
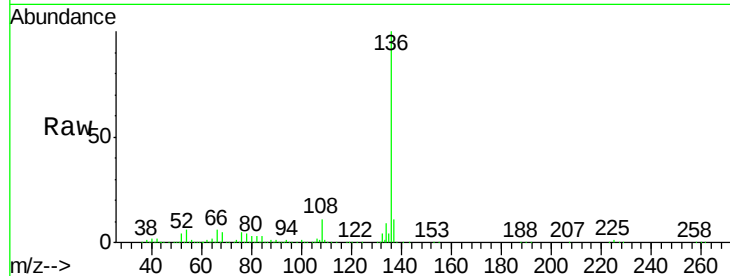


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:136 Resp: 1004892

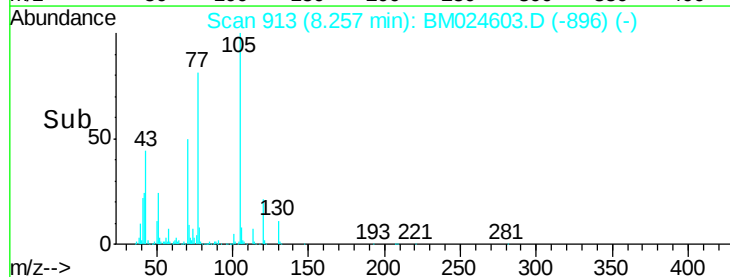
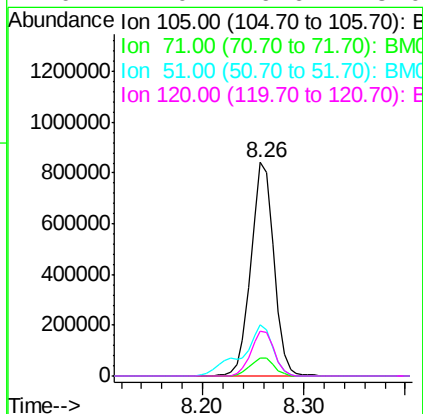
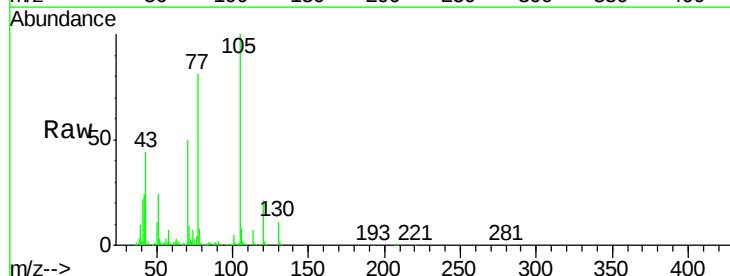
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.1	4.5	6.7
68	4.5	3.4	5.0

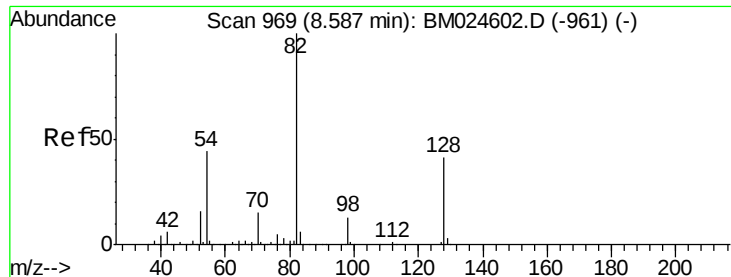


#22
Acetophenone
Concen: 47.033 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:105 Resp: 1321054

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.7	10.1
51	24.0	18.5	27.7
120	21.0	16.6	25.0



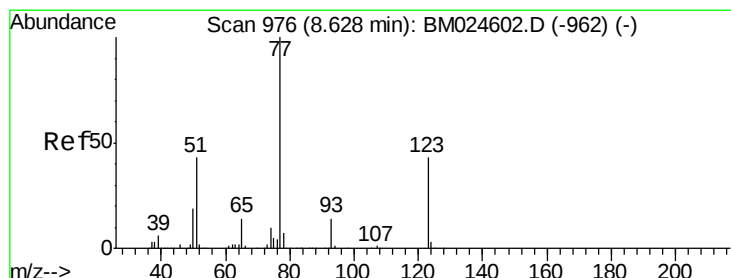
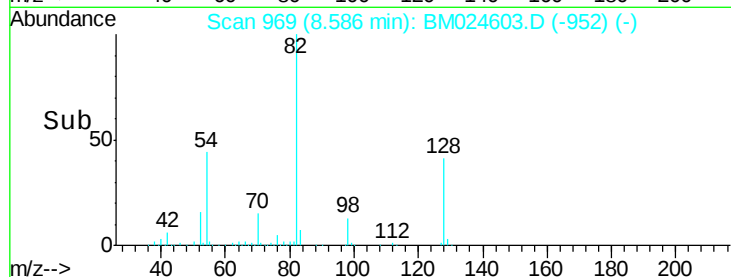
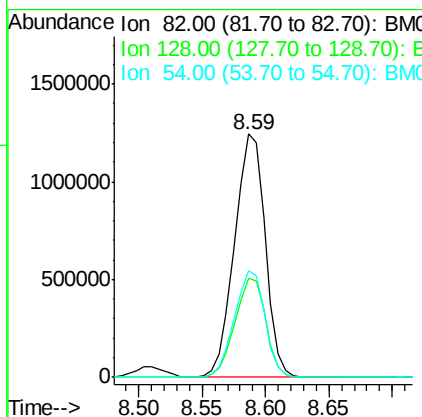
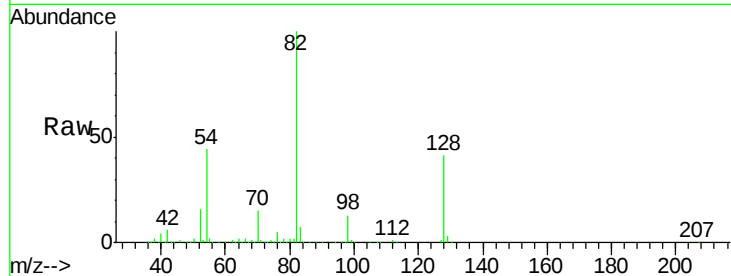


#23
 Nitrobenzene-d5
 Concen: 100.116 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2083648

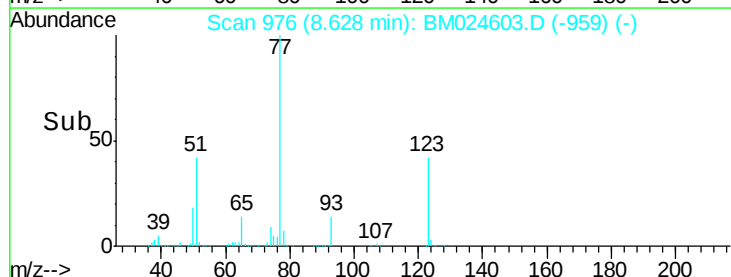
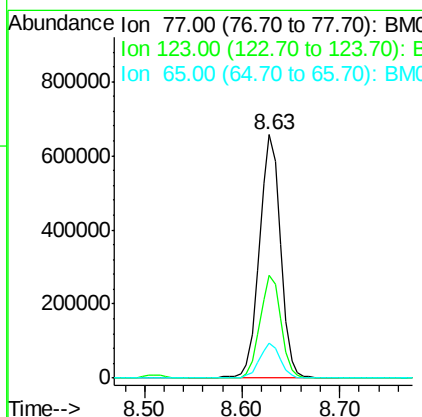
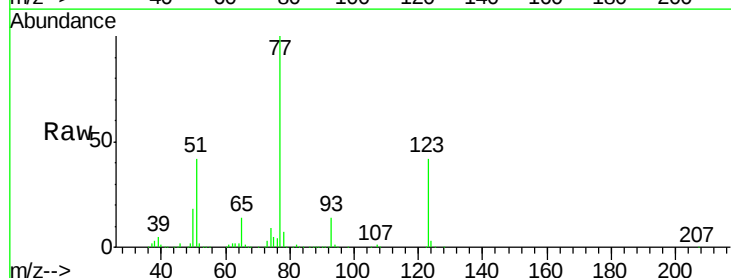
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	48.8
54	43.8	34.8	52.2

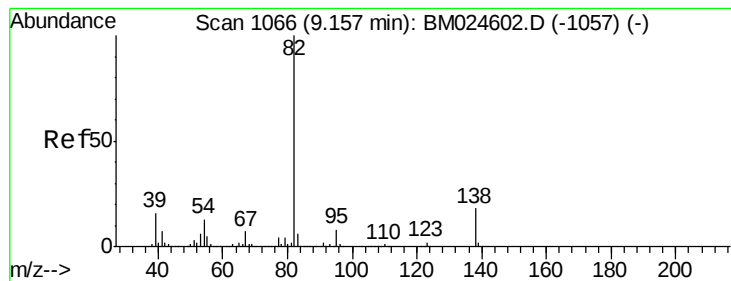


#24
 Nitrobenzene
 Concen: 48.895 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion: 77 Resp: 997154

Ion	Ratio	Lower	Upper
77	100		
123	42.3	34.6	52.0
65	14.4	11.0	16.4





#25

Isophorone

Concen: 50.873 ng

RT: 9.16 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

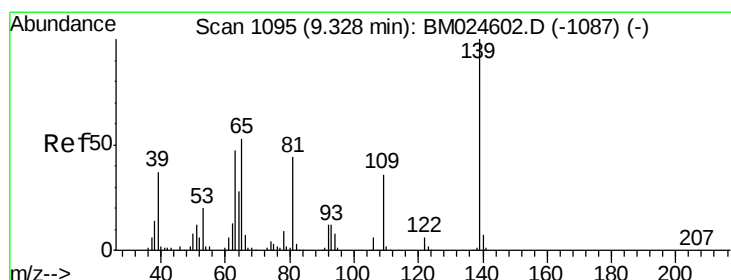
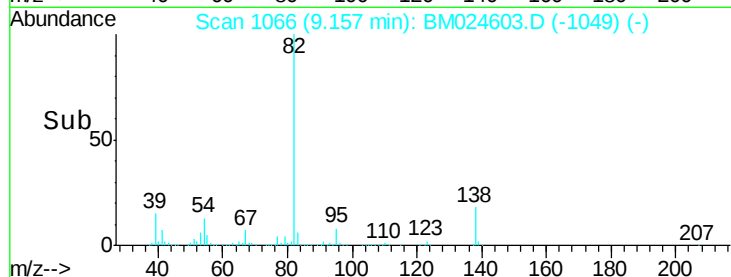
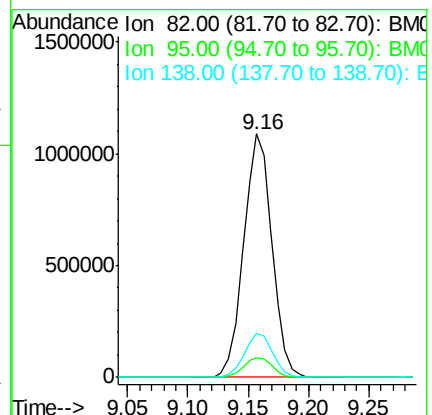
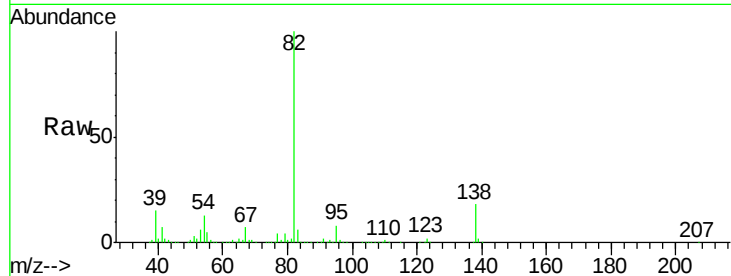
Tot Ion: 82 Resp: 1773849

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

138 18.1 14.7 22.1



#26

2-Nitrophenol

Concen: 66.375 ng

RT: 9.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

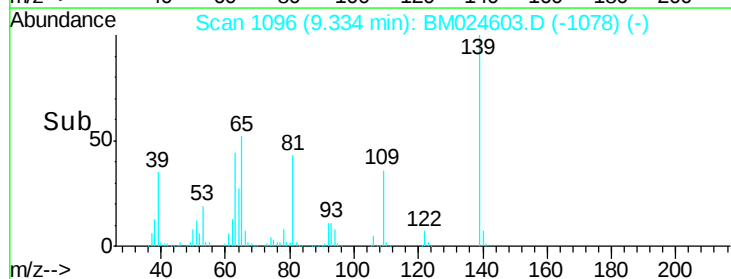
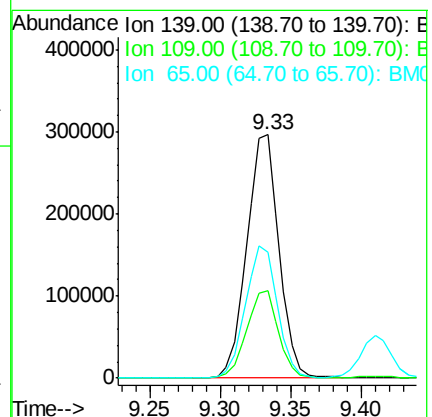
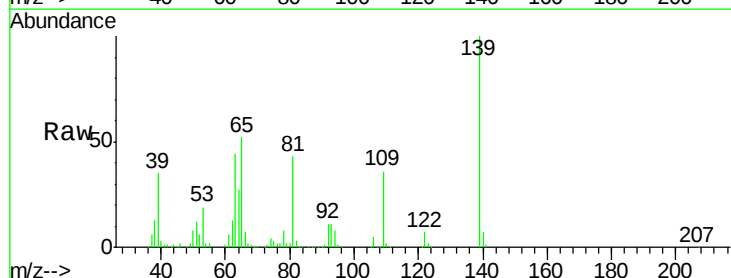
Tgt Ion: 139 Resp: 473830

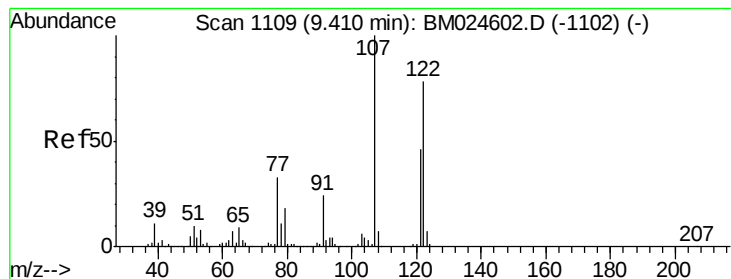
Ion Ratio Lower Upper

139 100

109 35.9 28.8 43.2

65 51.6 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 51.844 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

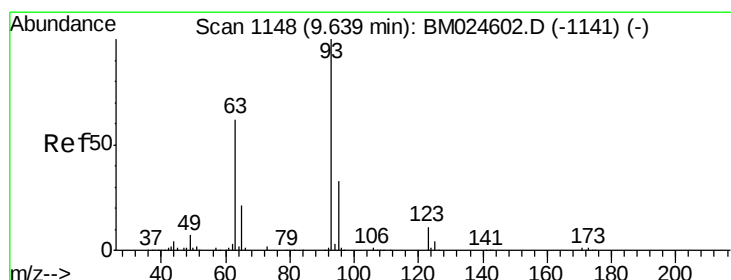
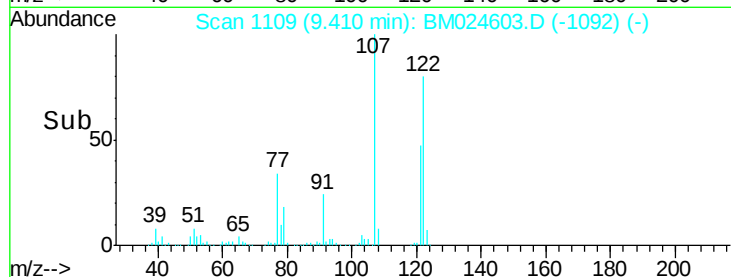
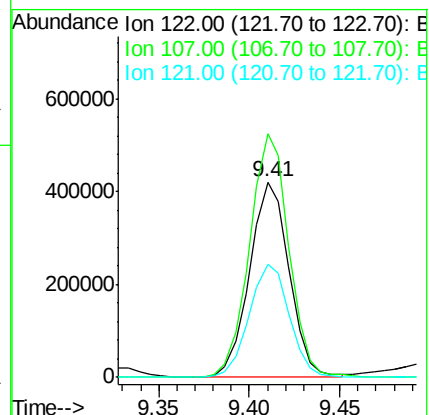
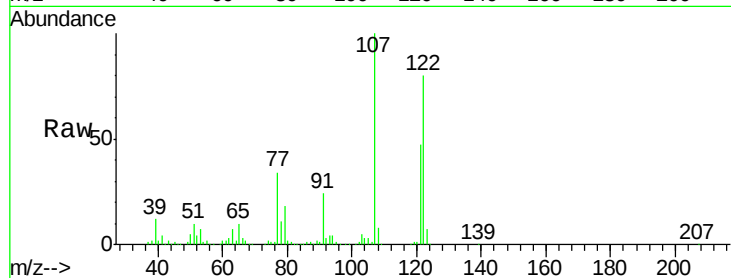
Tot Ion:122 Resp: 637887

Ion Ratio Lower Upper

122 100

107 124.8 102.5 153.7

121 58.2 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 50.925 ng

RT: 9.65 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

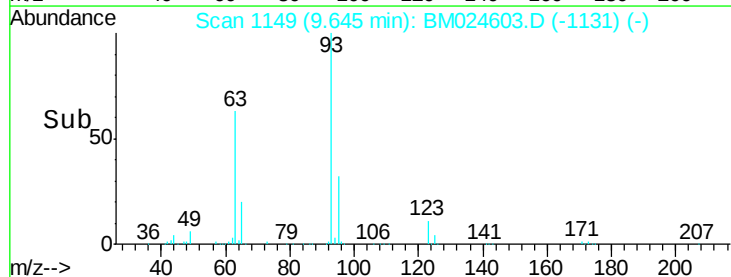
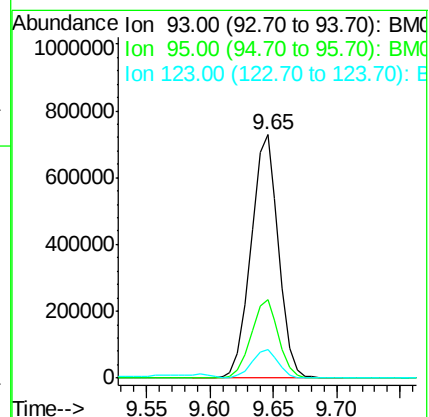
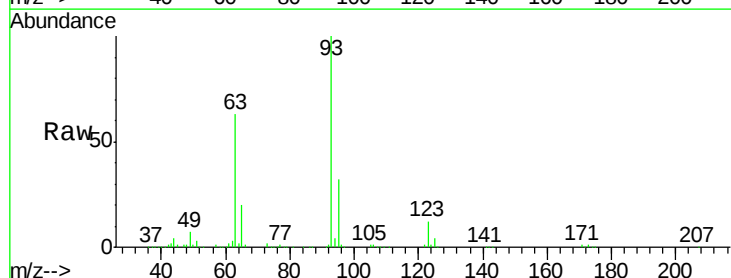
Tgt Ion: 93 Resp: 1089487

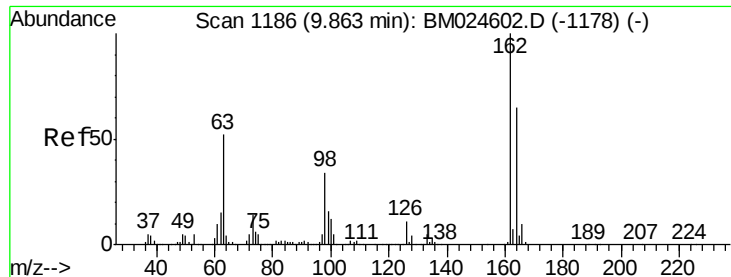
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 11.6 8.7 13.1

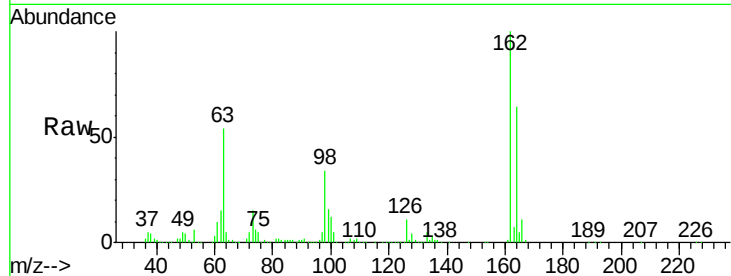




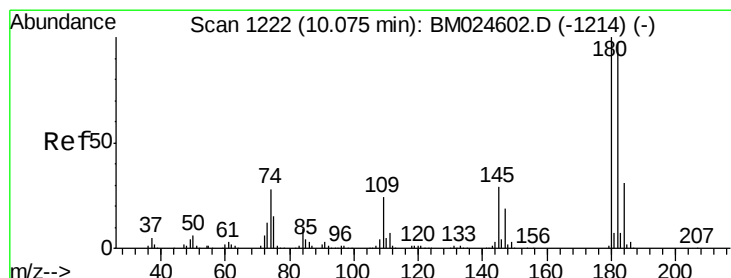
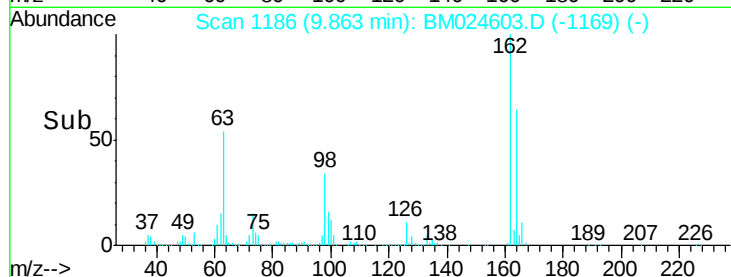
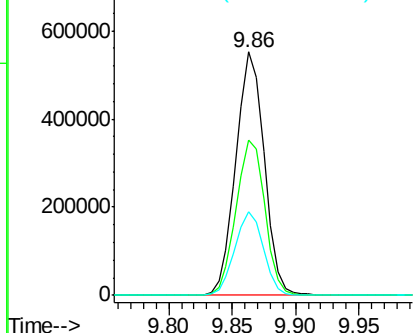
#29
 2,4-Dichlorophenol
 Concen: 53.153 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.5	84.5
98	34.3	14.2	54.2

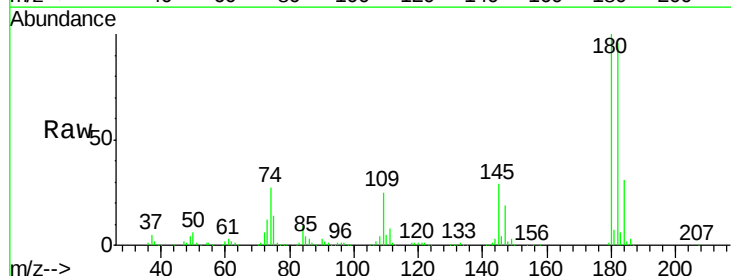


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

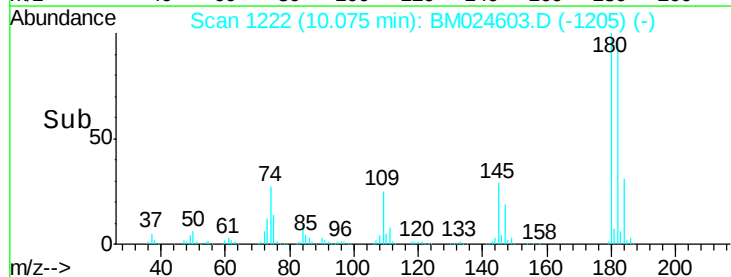
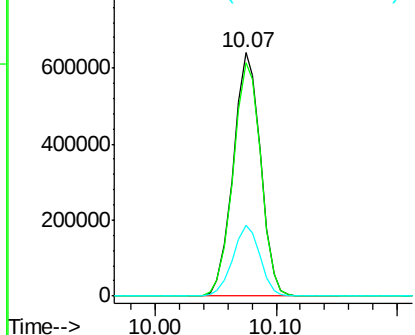


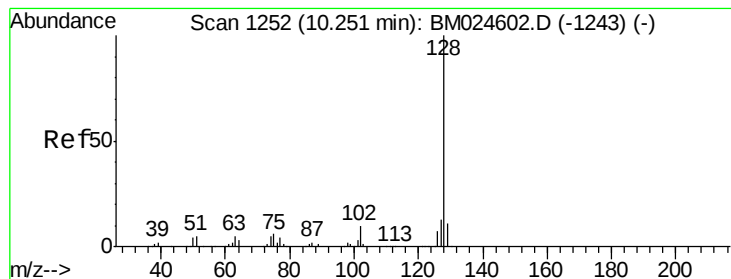
#30
 1,2,4-Trichlorobenzene
 Concen: 51.550 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.8	116.6
145	29.3	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.612 ng

RT: 10.26 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

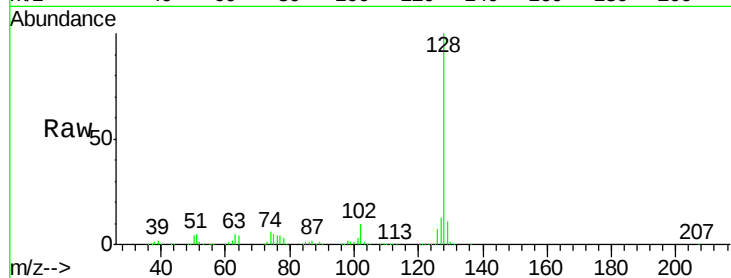
Tot Ion:128 Resp: 2584166

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

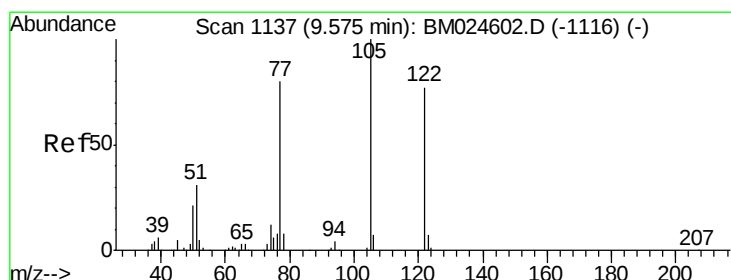
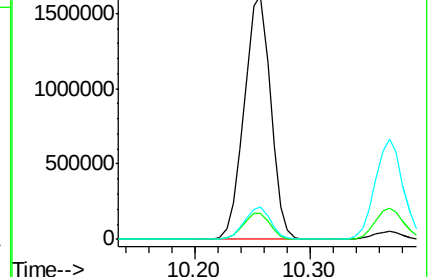
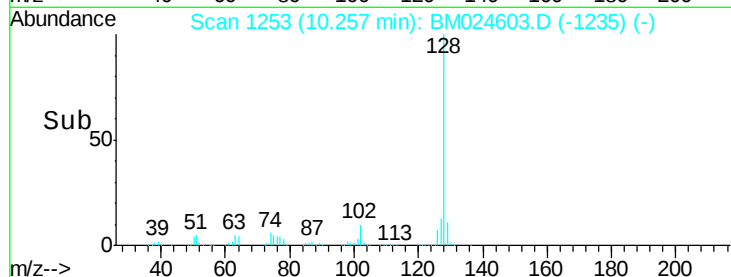
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 68.450 ng

RT: 9.59 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

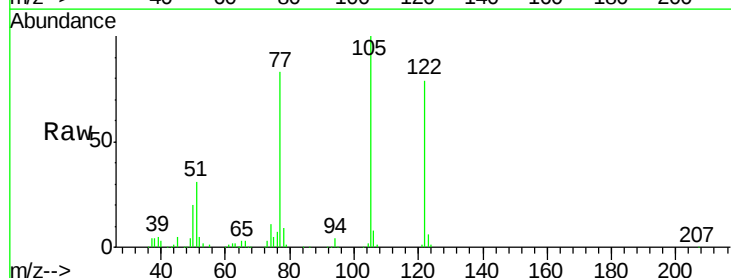
Tgt Ion:122 Resp: 541516

Ion Ratio Lower Upper

122 100

105 126.6 107.7 147.7

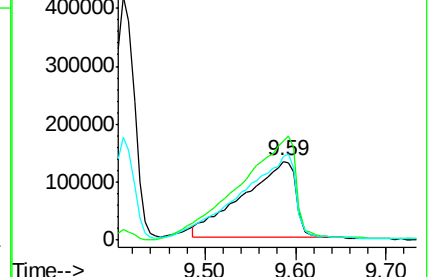
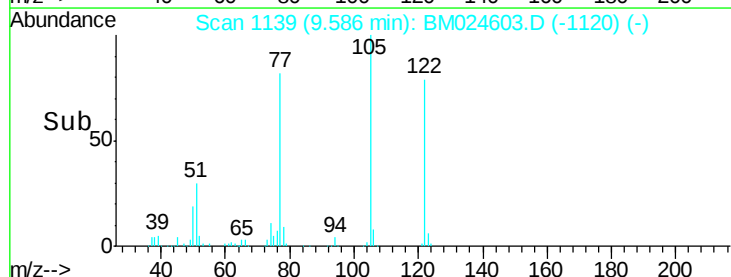
77 105.6 83.8 123.8

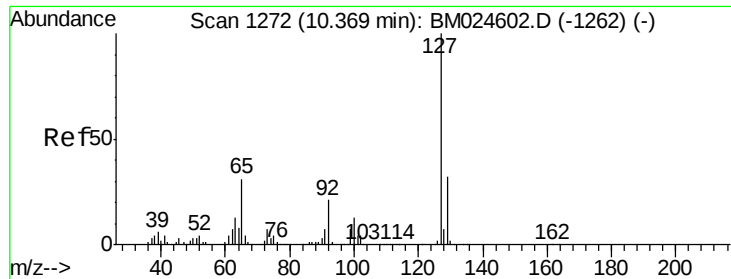


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

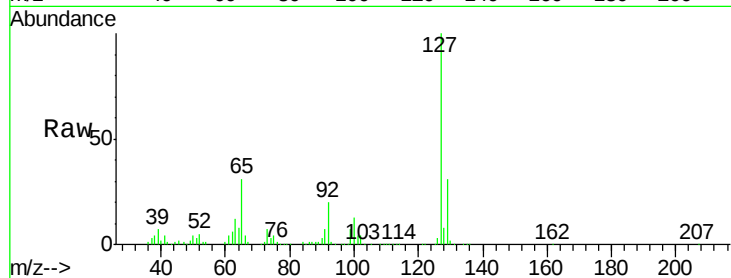




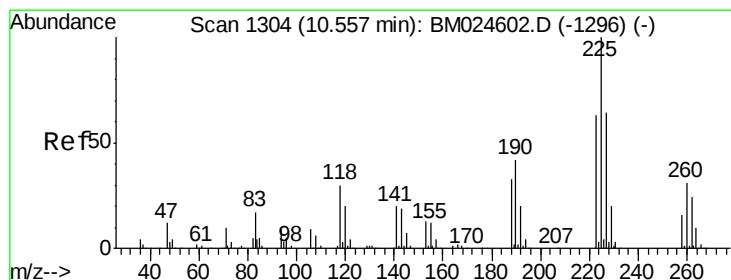
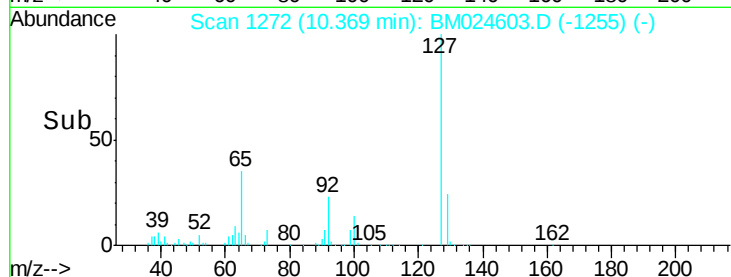
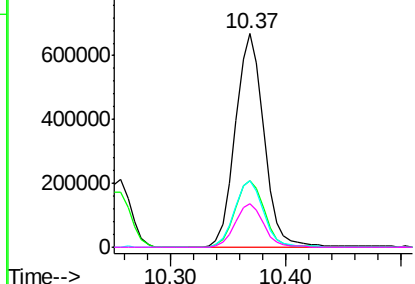
#33
4-Chloroaniline
Concen: 47.850 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1151432
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	31.0	25.1	37.7
92	20.3	16.6	25.0

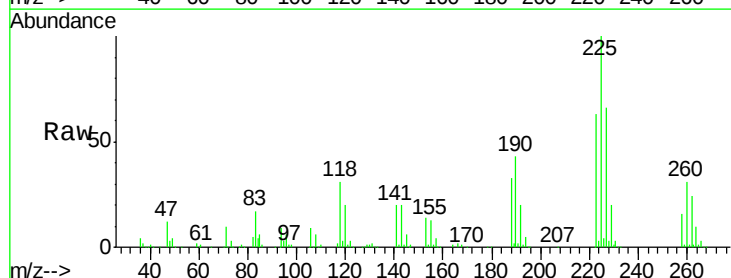


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

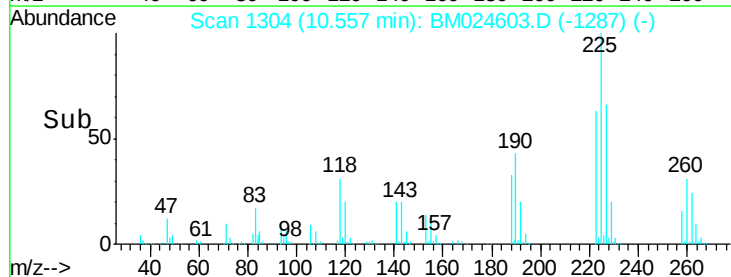
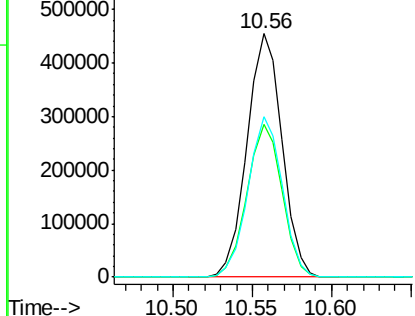


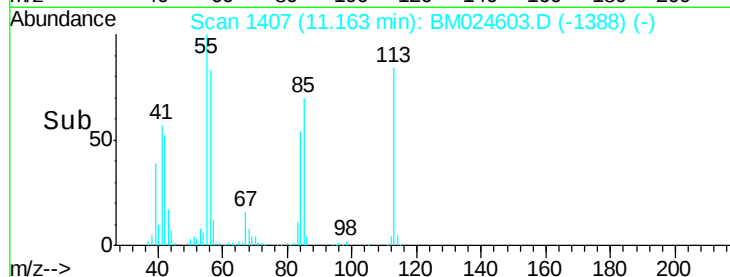
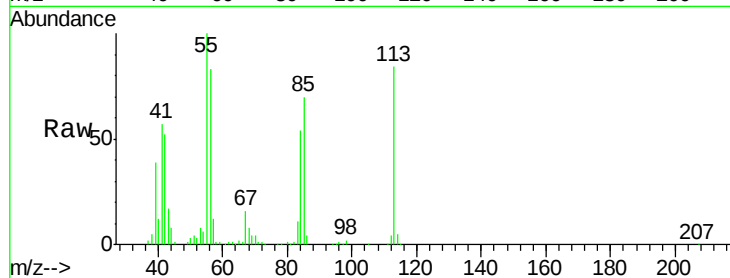
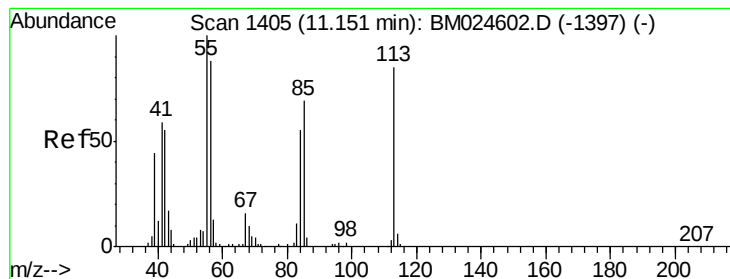
#34
Hexachlorobutadiene
Concen: 53.732 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:	225	Resp:	698491
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	65.8	51.4	77.0



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: 46.203 ng

RT: 11.16 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

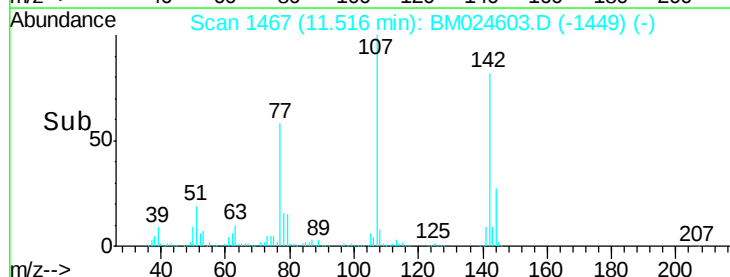
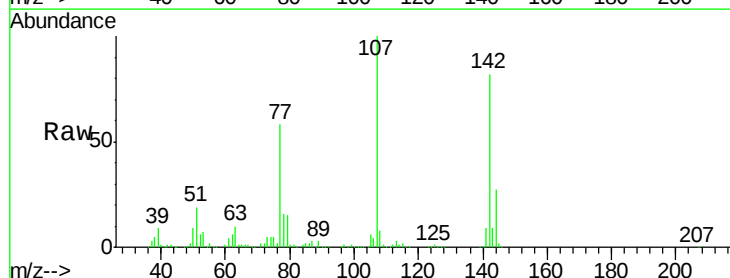
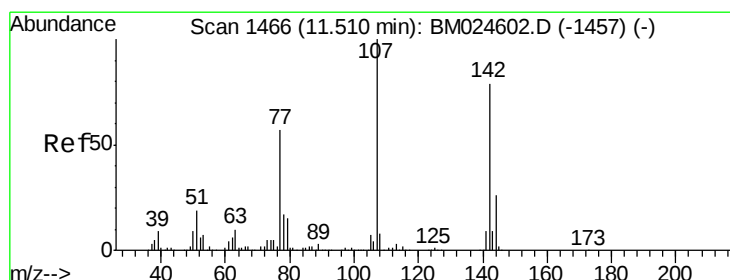
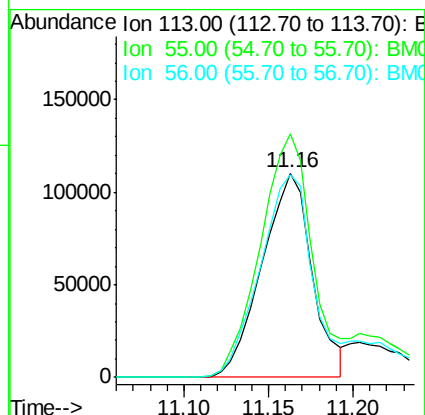
Tot Ion:113 Resp: 227503

Ion Ratio Lower Upper

113 100

55 119.4 97.5 137.5

56 99.7 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 53.765 ng

RT: 11.52 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

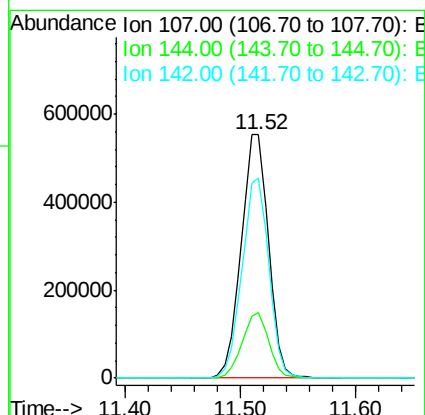
Tgt Ion:107 Resp: 910453

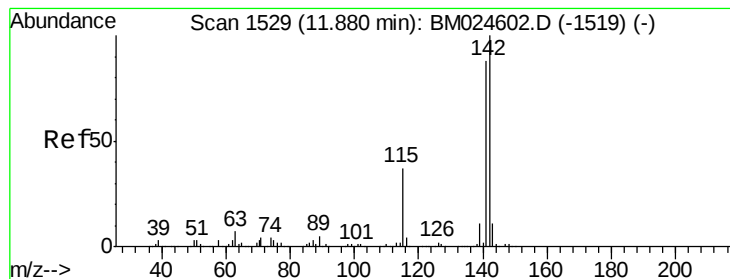
Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

142 82.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 50.318 ng

RT: 11.88 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

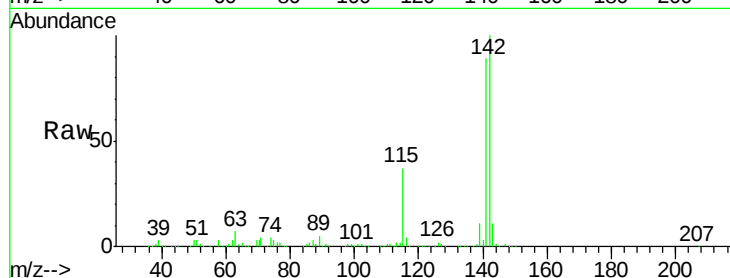
Tot Ion:142 Resp: 2000743

Ion Ratio Lower Upper

142 100

141 88.6 70.2 105.2

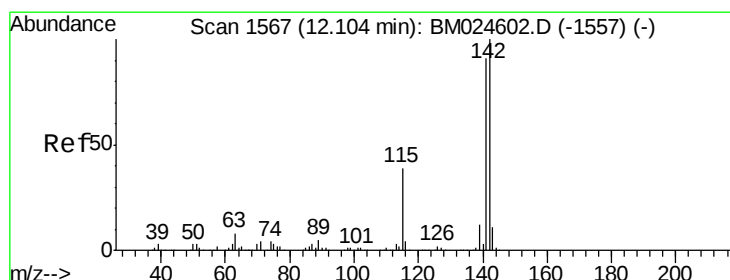
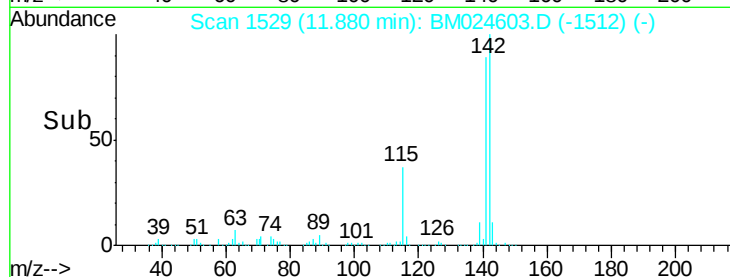
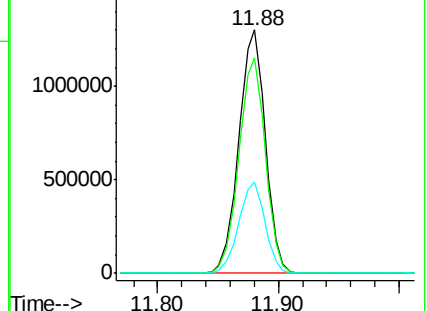
115 37.5 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.675 ng

RT: 12.10 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

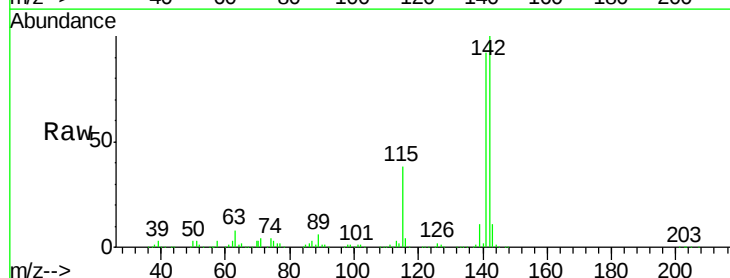
Tgt Ion:142 Resp: 1881778

Ion Ratio Lower Upper

142 100

141 92.0 72.8 109.2

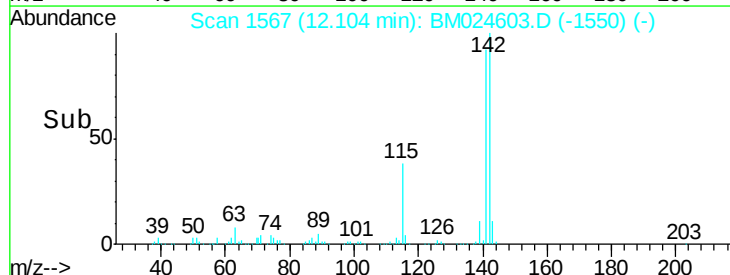
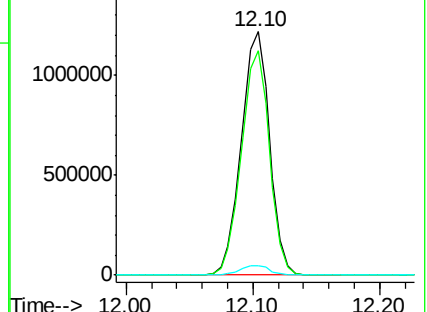
116 4.0 3.2 4.8

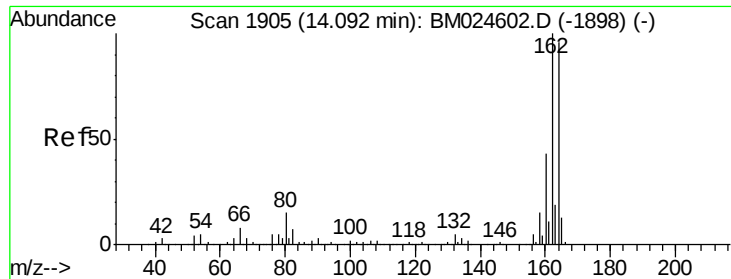


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

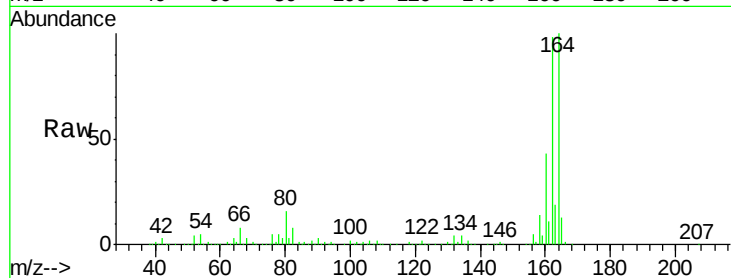
Tot Ion:164 Resp: 710224

Ion Ratio Lower Upper

164 100

162 98.0 82.9 124.3

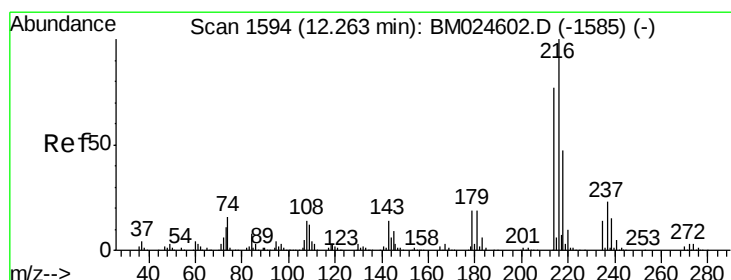
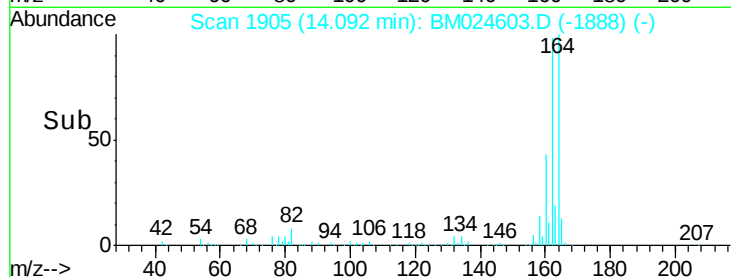
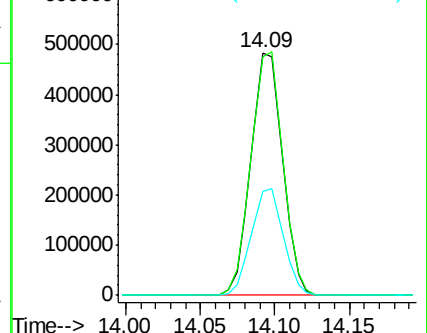
160 42.8 35.5 53.3



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: 51.529 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion:216 Resp: 1278582

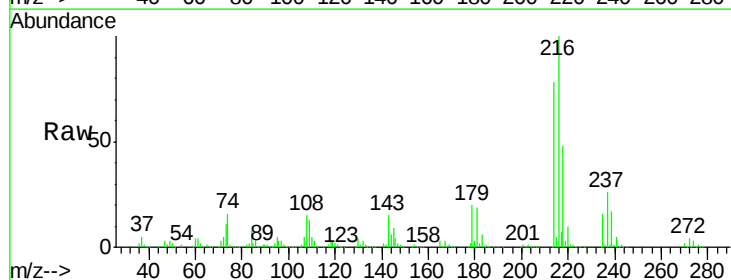
Ion Ratio Lower Upper

216 100

214 78.0 62.3 93.5

179 20.1 16.1 24.1

108 16.1 13.0 19.6

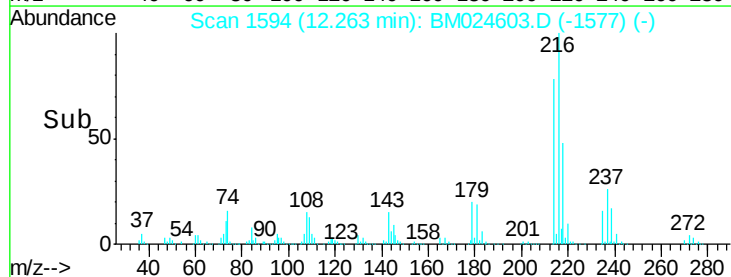
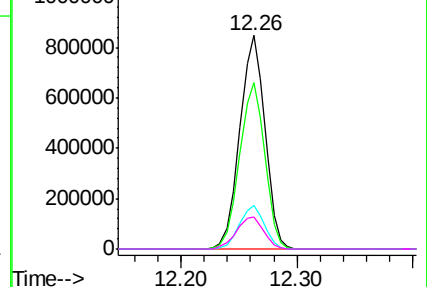


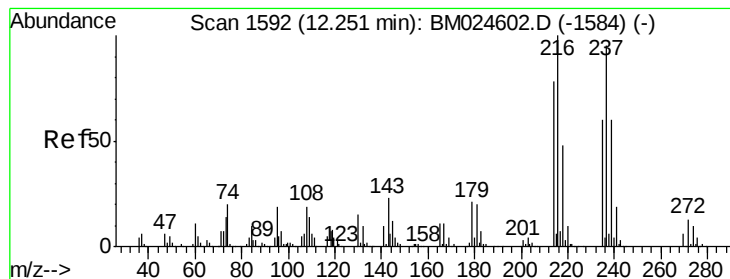
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.060 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

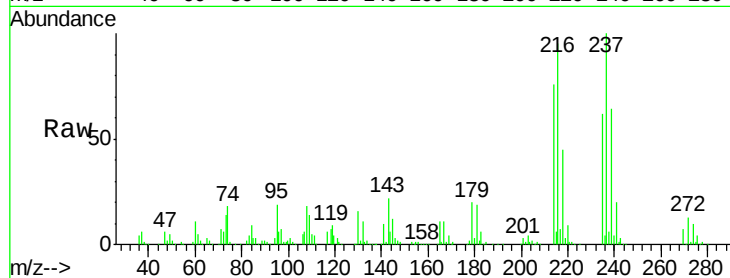
Tot Ion:237 Resp: 726805

Ion Ratio Lower Upper

237 100

235 61.7 43.3 83.3

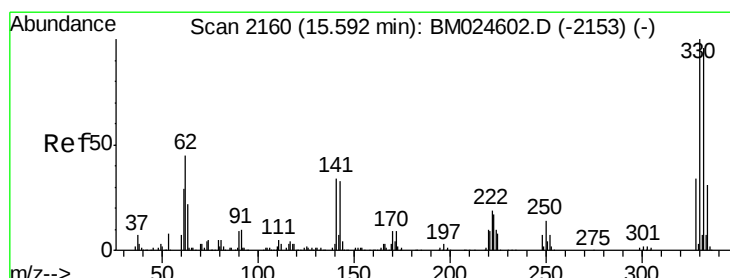
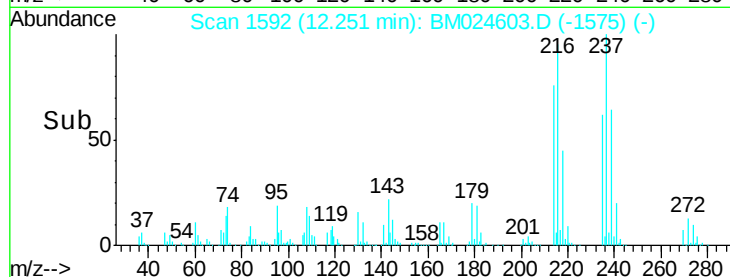
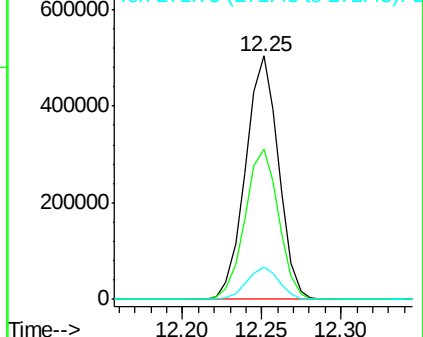
272 13.2 0.0 33.4



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: 119.065 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

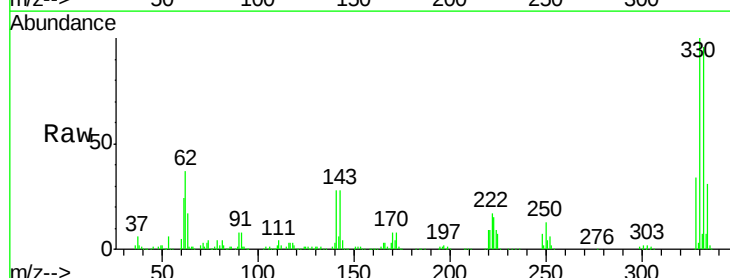
Tgt Ion:330 Resp: 1163009

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

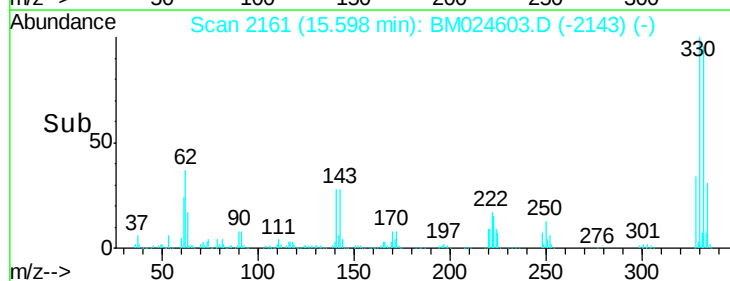
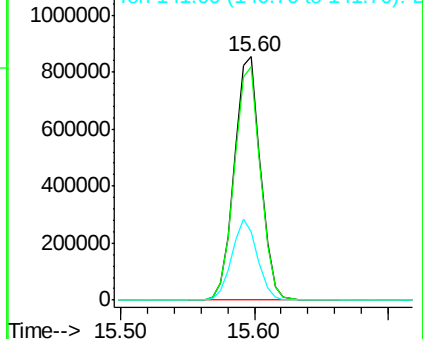
141 32.7 26.9 40.3

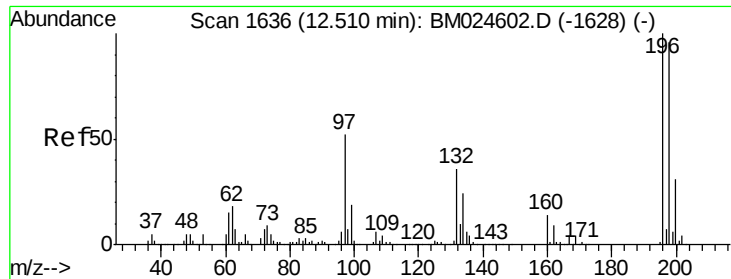


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

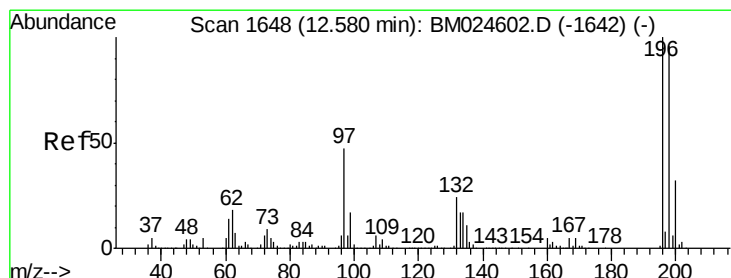
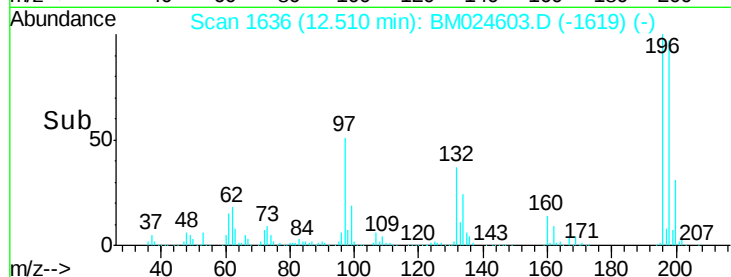
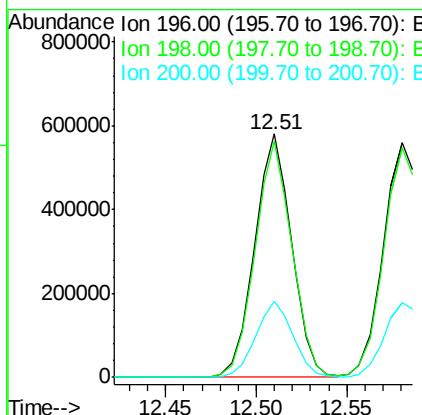
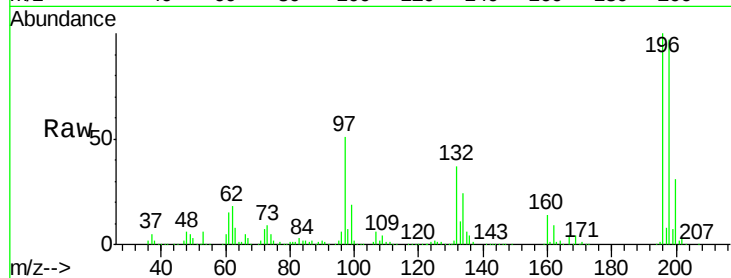




#43
 2,4,6-Trichlorophenol
 Concen: 58.218 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

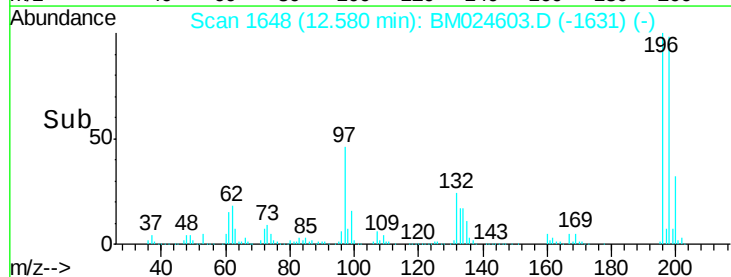
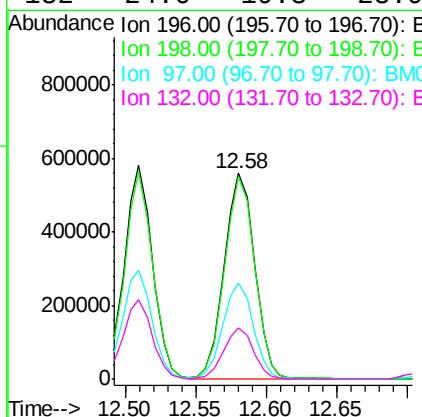
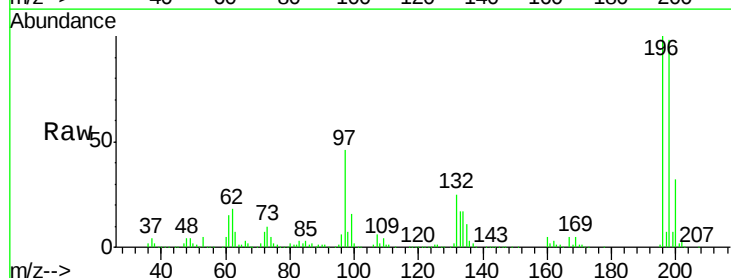
Instrument :
 BNA_M
 ClientSampled :

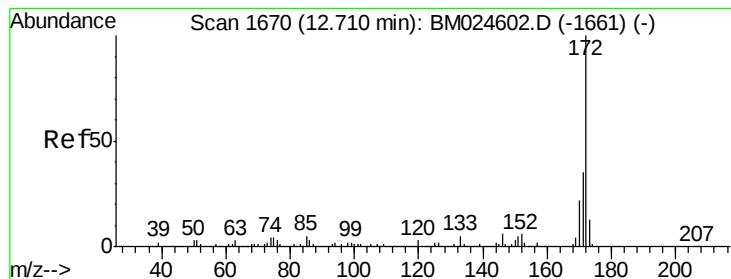
Tot Ion:196 Resp: 822772
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.5 114.7
 200 31.2 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 55.104 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion:196 Resp: 838118
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.2 115.8
 97 46.4 37.4 56.0
 132 24.6 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 99.220 ng

RT: 12.71 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

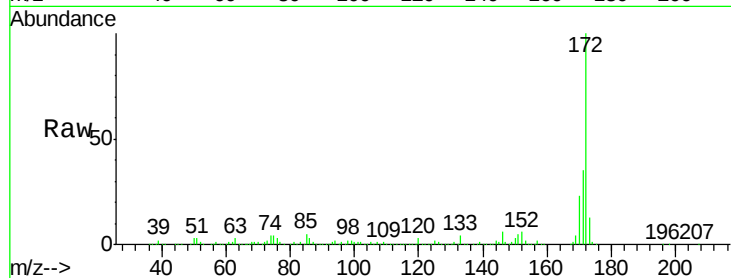
Instrument :

BNA_M

ClientSampled :

Tot Ion:172 Resp: 5264021

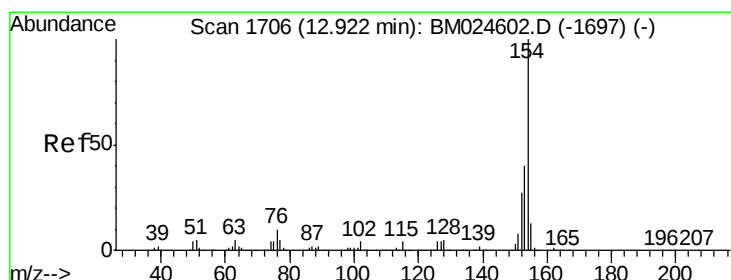
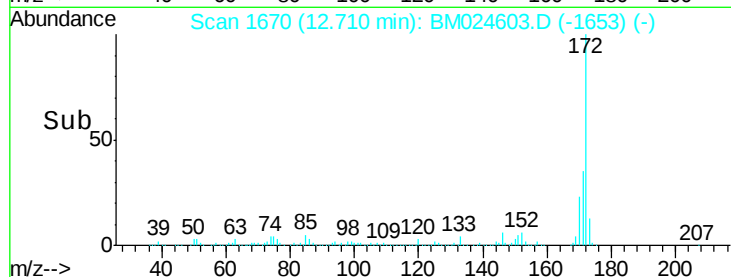
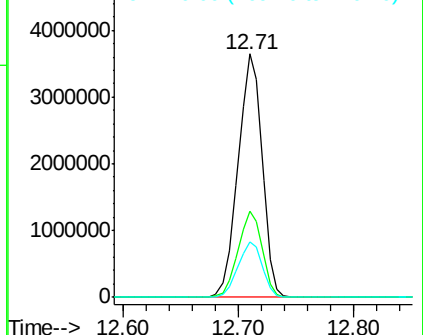
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.9	17.9	26.9



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: 47.771 ng

RT: 12.92 min Scan# 1706

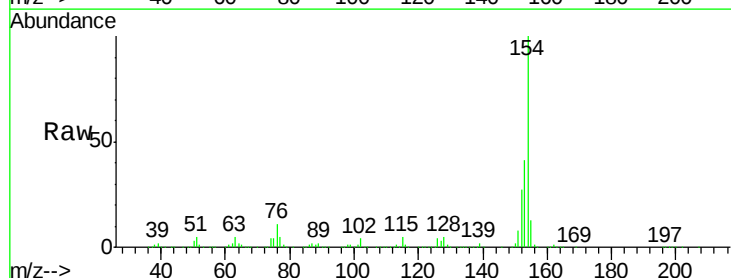
Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion:154 Resp: 2726989

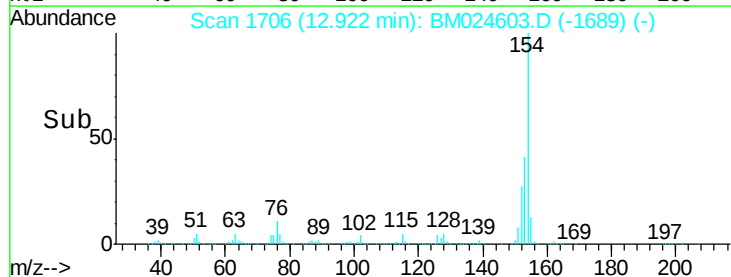
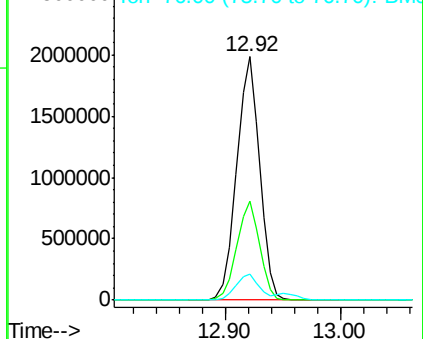
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	10.5	0.0	30.5

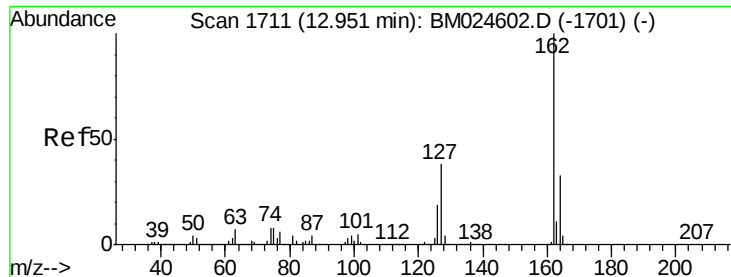


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

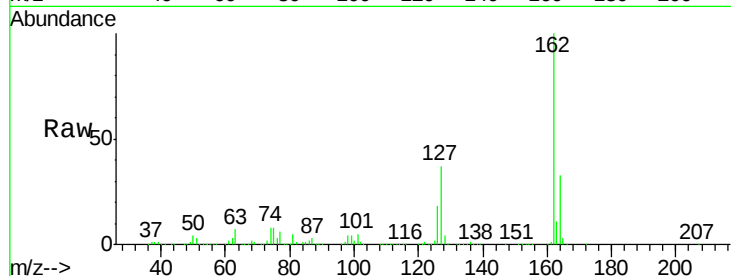




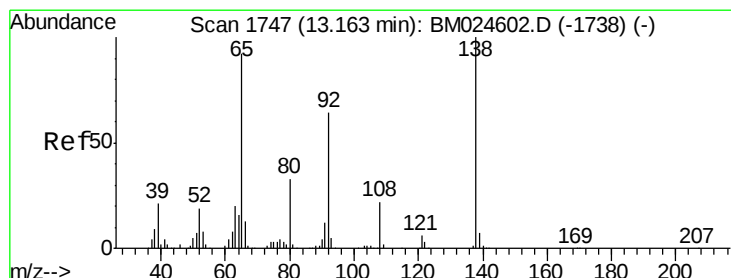
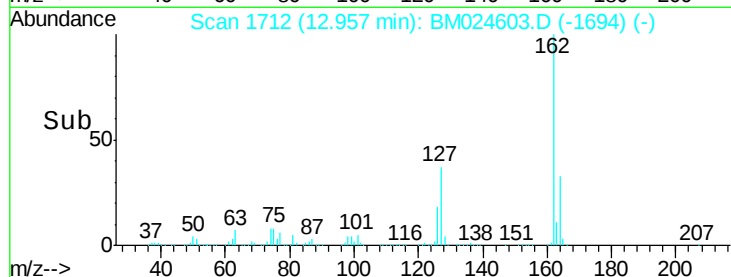
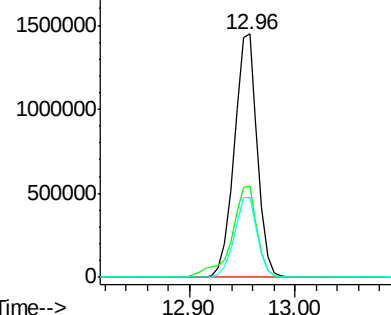
#47
2-Chloronaphthalene
Concen: 47.271 ng
RT: 12.96 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 2187114
Ion Ratio Lower Upper
162 100
127 37.2 30.4 45.6
164 32.8 26.5 39.7

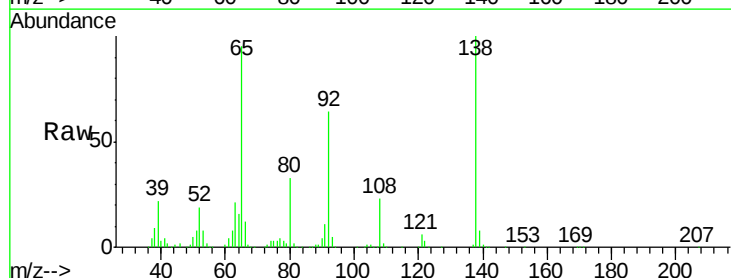


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

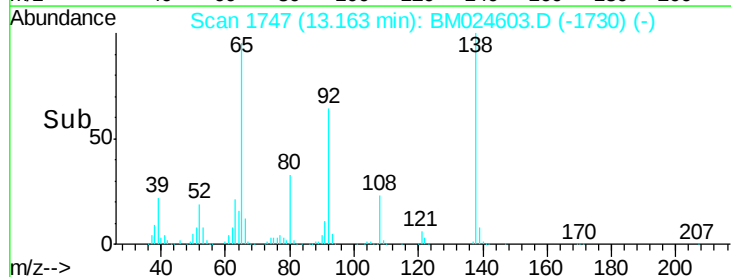
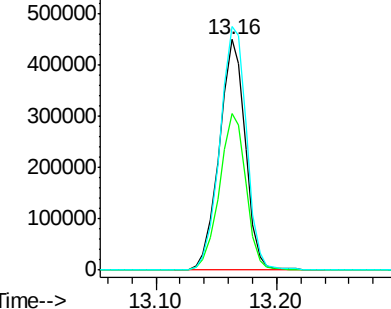


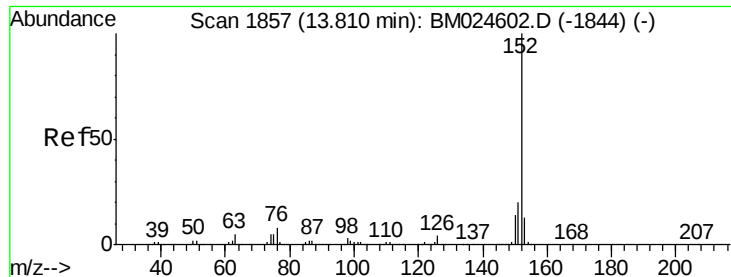
#48
2-Nitroaniline
Concen: 48.218 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion: 65 Resp: 677046
Ion Ratio Lower Upper
65 100
92 68.0 55.4 83.2
138 105.7 86.6 129.8



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: 47.060 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

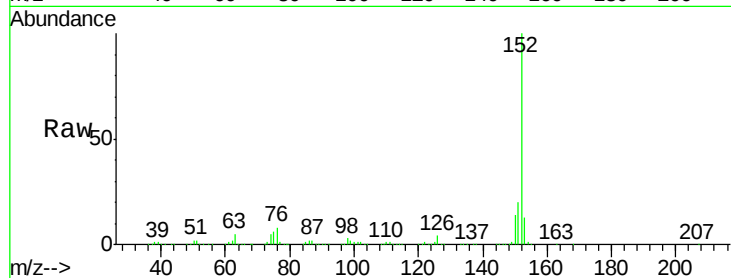
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3296610

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.4	15.6

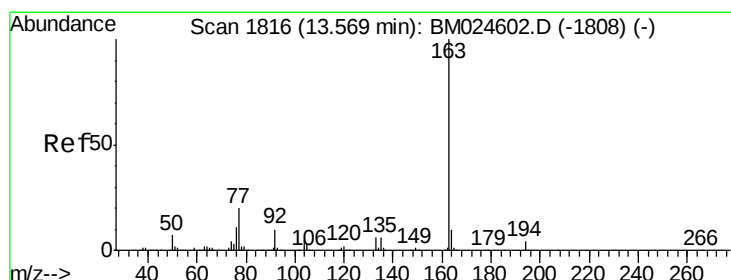
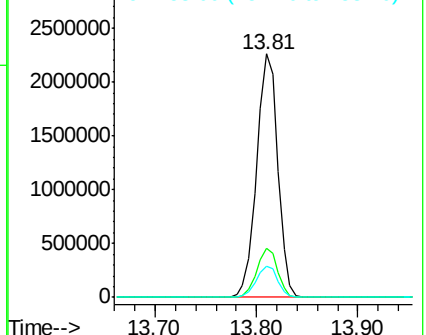
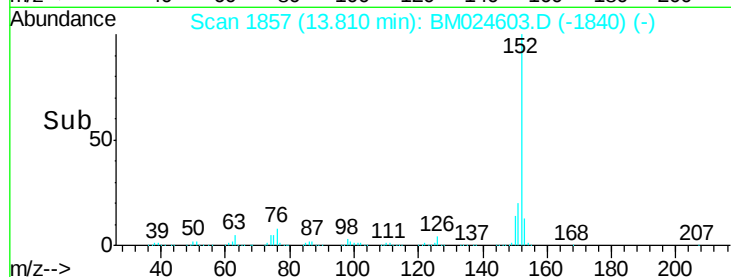


Abundance

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: 49.192 ng

RT: 13.57 min Scan# 1817

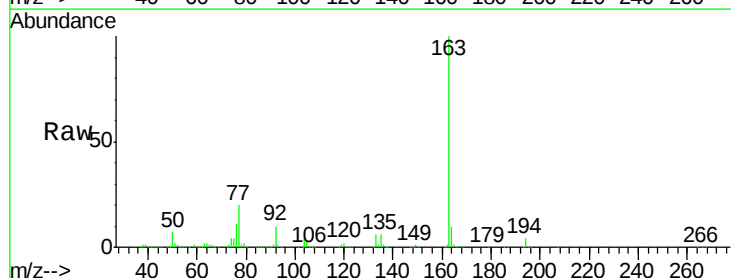
Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion:163 Resp: 2896083

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.0	12.0

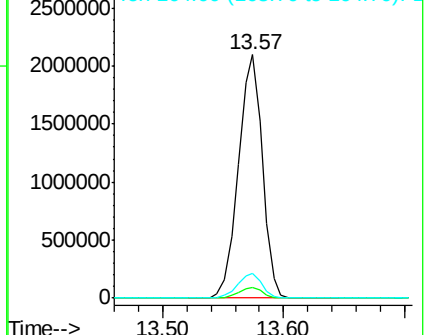
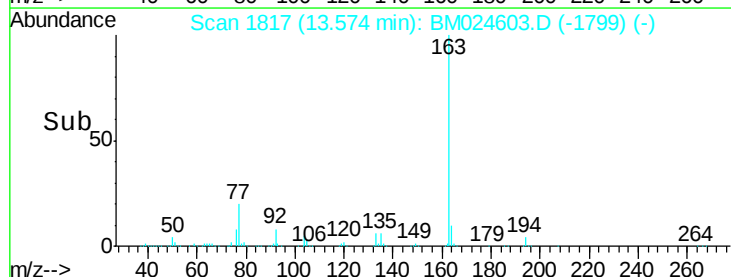


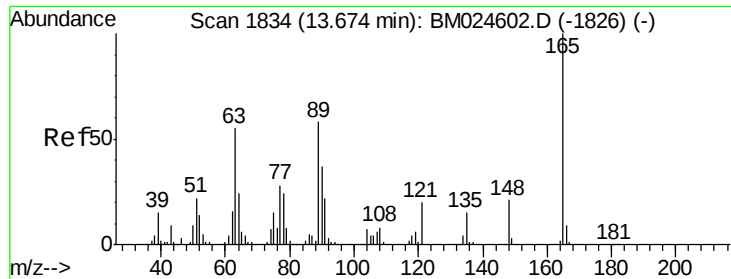
Abundance

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: 49.746 ng

RT: 13.68 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampled :

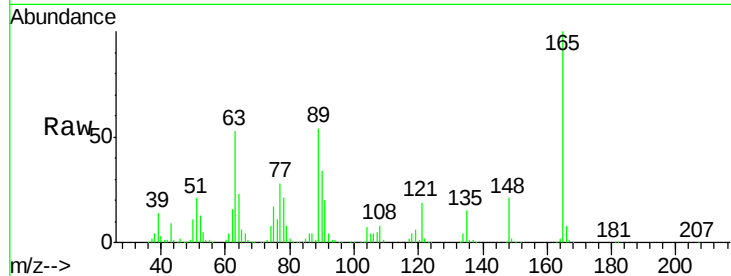
Tot Ion:165 Resp: 624655

Ion Ratio Lower Upper

165 100

63 53.2 45.4 68.0

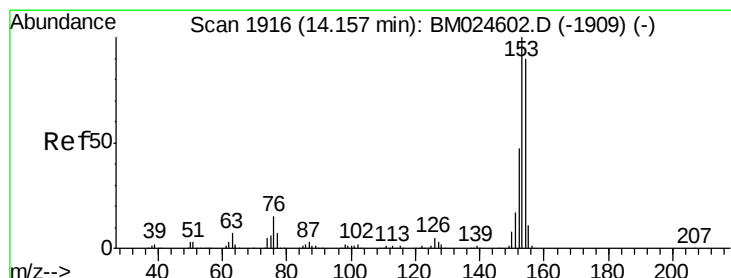
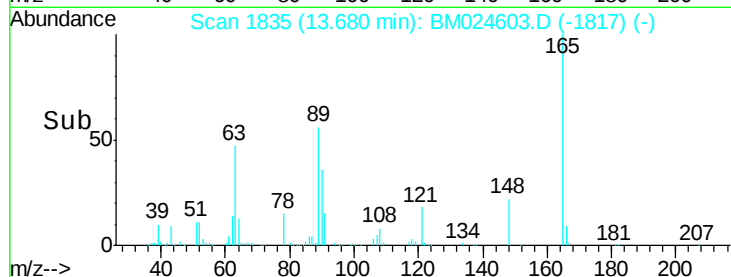
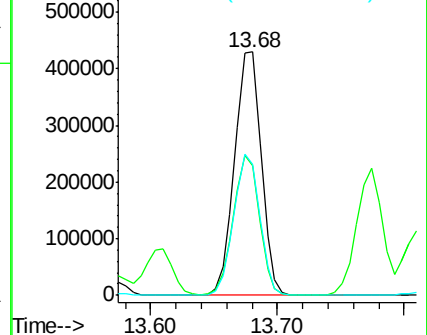
89 53.9 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 47.511 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

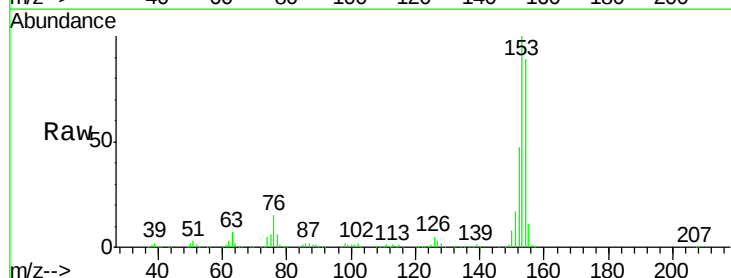
Tgt Ion:154 Resp: 2034982

Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

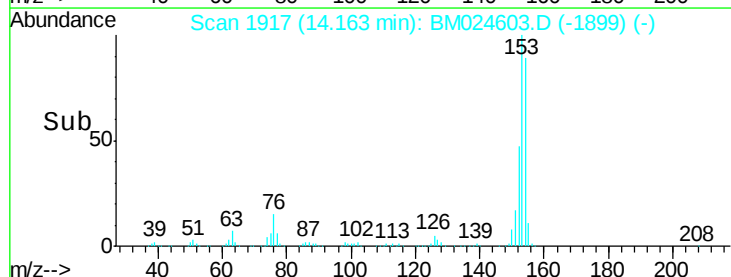
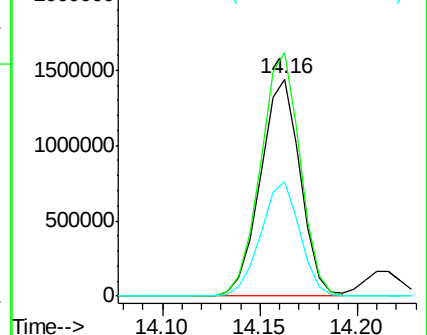
152 52.4 41.9 62.9

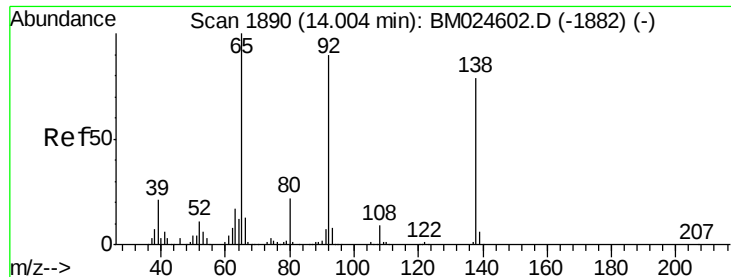


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

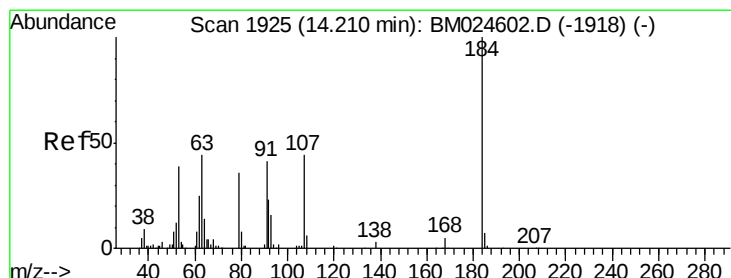
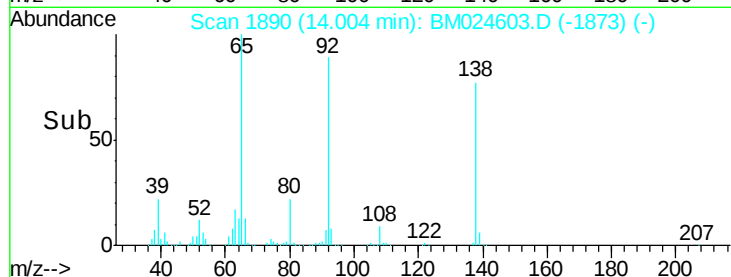
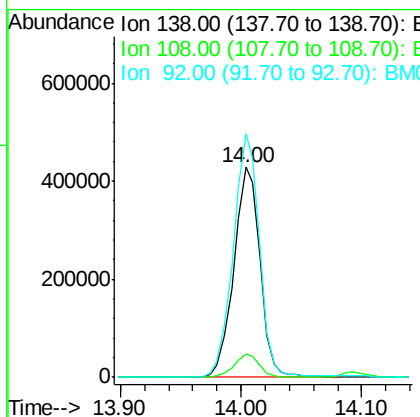
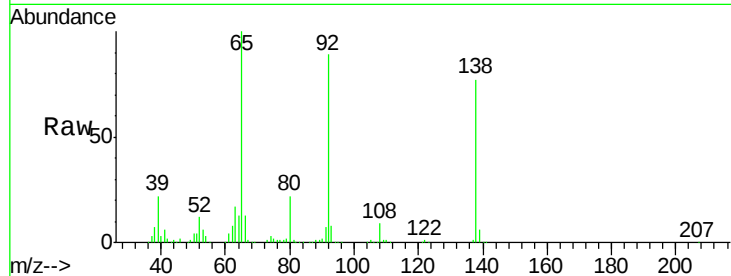




#53
3-Nitroaniline
Concen: 47.269 ng
RT: 14.00 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

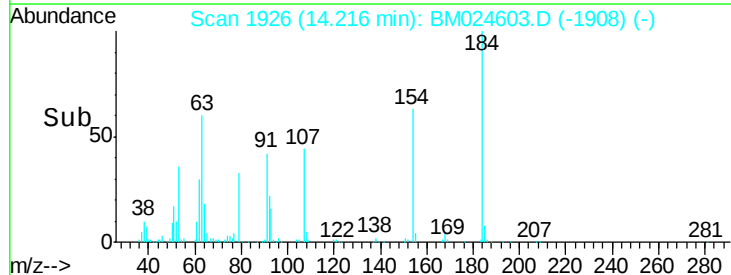
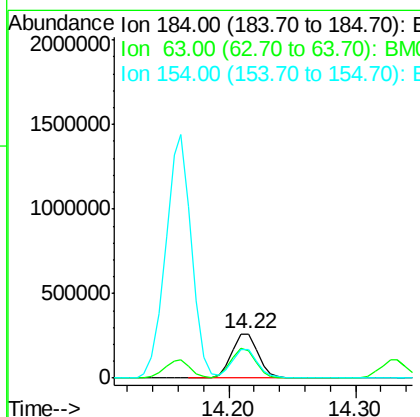
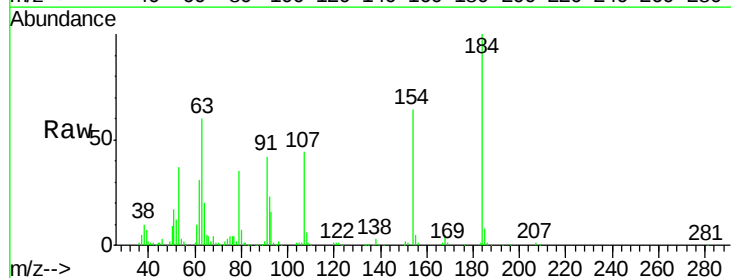
Instrument :
BNA_M
ClientSampleId :

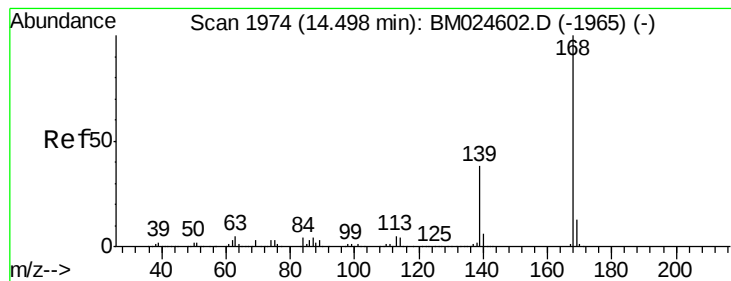
Tot Ion:138 Resp: 647884
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 115.9 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 74.748 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:184 Resp: 379515
Ion Ratio Lower Upper
184 100
63 60.3 51.8 77.8
154 63.5 50.2 75.4

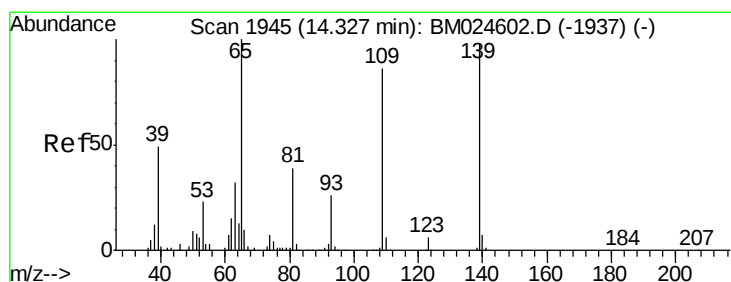
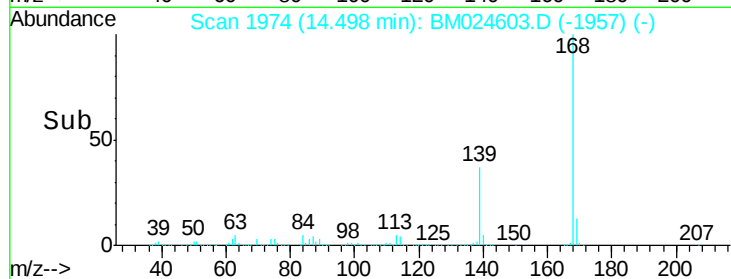
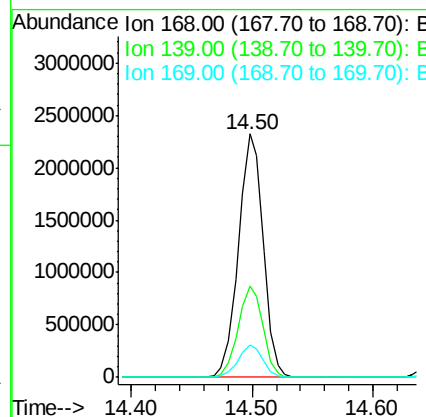
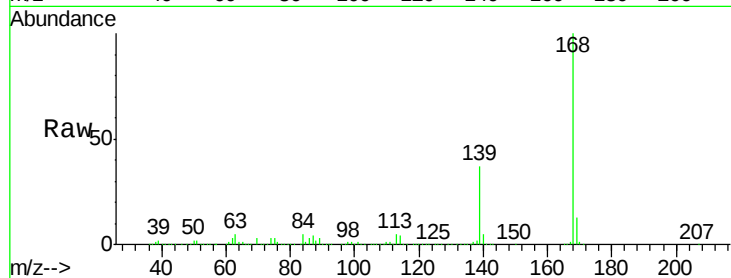




#55
Dibenzofuran
Concen: 47.663 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

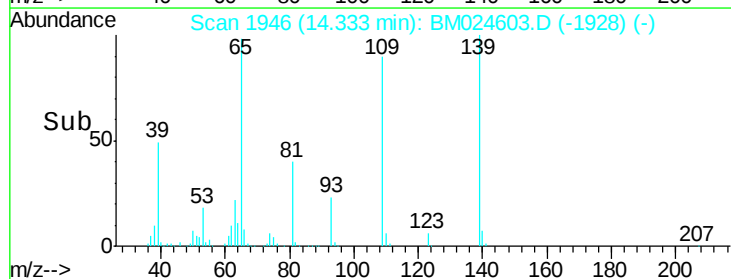
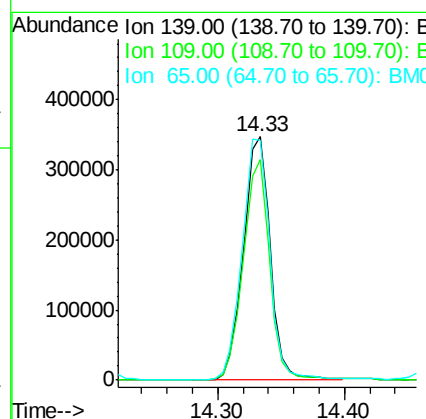
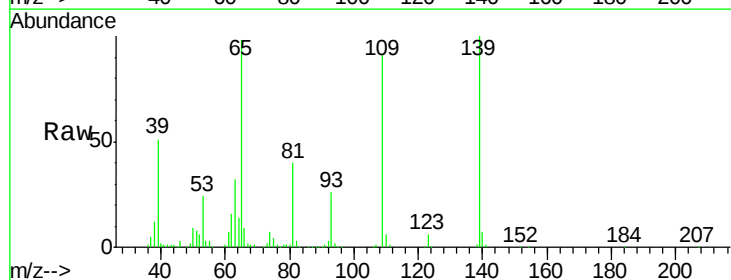
Instrument :
BNA_M
ClientSampleId :

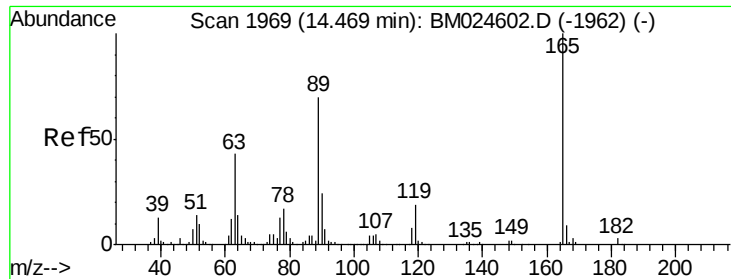
Tot Ion:168 Resp: 3304269
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 50.197 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:139 Resp: 510869
Ion Ratio Lower Upper
139 100
109 90.5 67.4 107.4
65 98.5 82.1 122.1

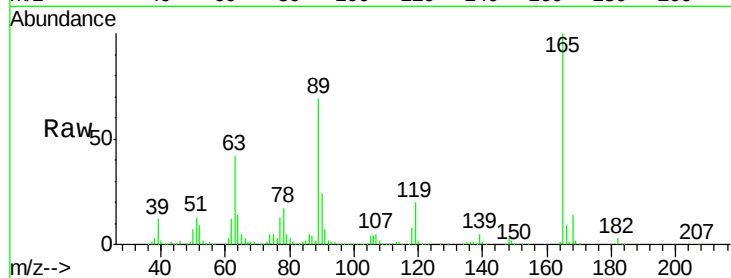




#57
2,4-Dinitrotoluene
Concen: 49.664 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.0	34.5	51.7
89	69.3	55.8	83.8
182	3.2	2.3	3.5

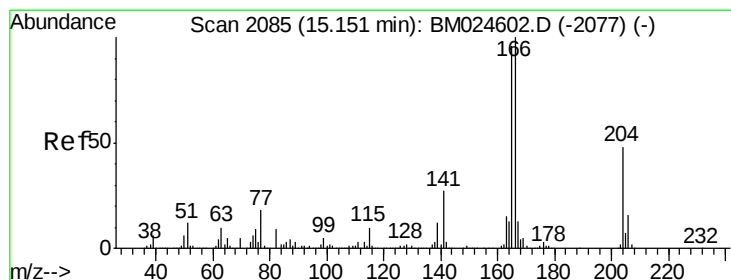
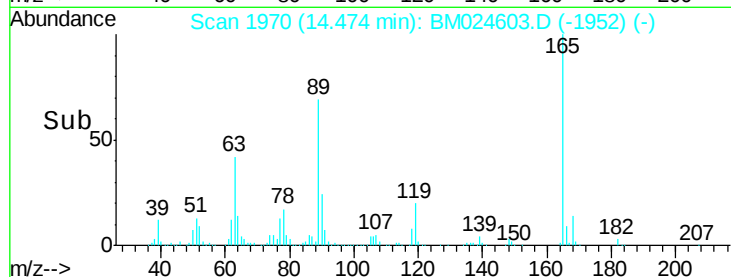
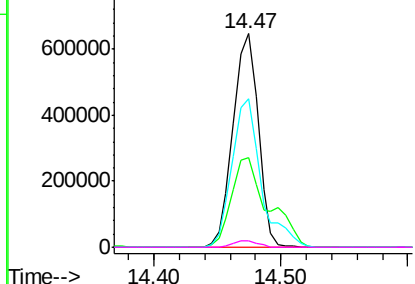


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

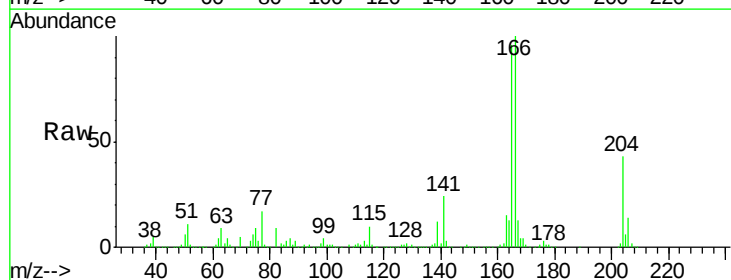
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.641 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

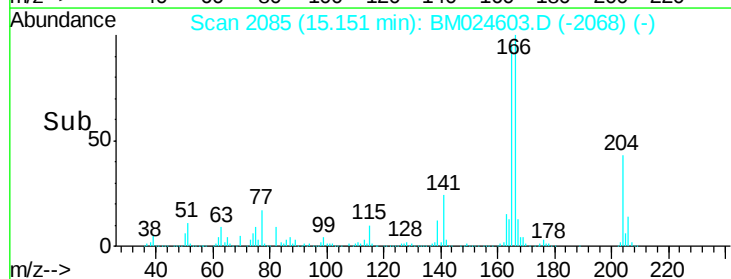
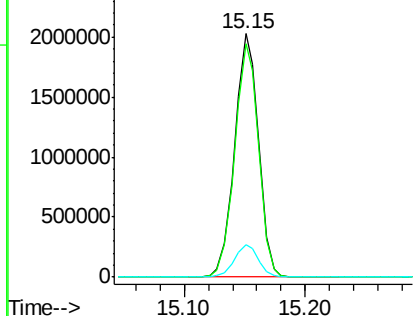
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	114.8
167	13.2	10.8	16.2

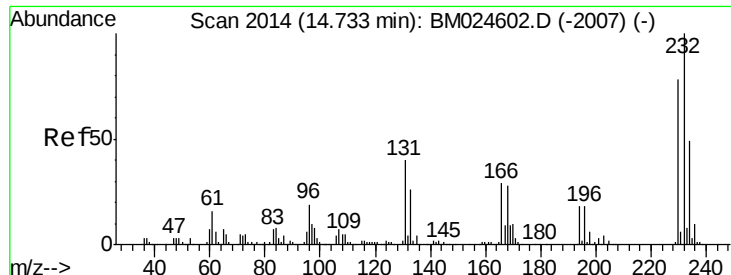


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

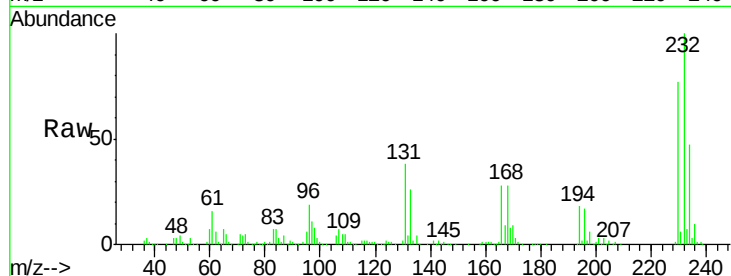




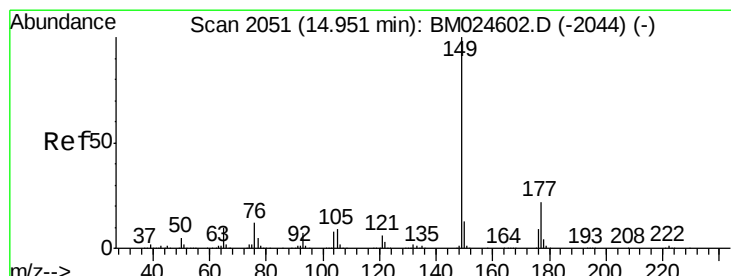
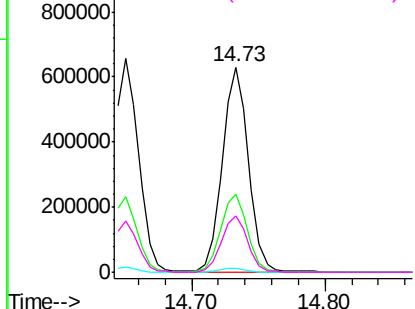
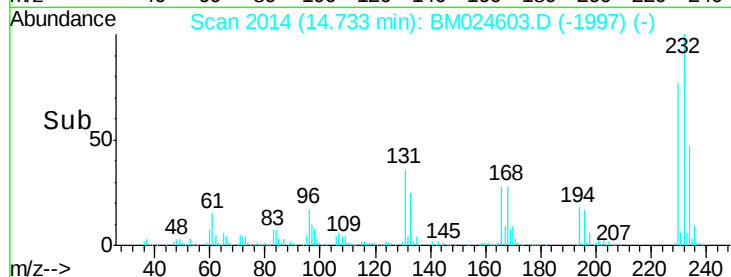
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.598 ng
RT: 14.73 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 857386
Ion Ratio Lower Upper
232 100
131 38.9 32.2 48.4
130 2.2 1.9 2.9
166 27.9 23.4 35.0

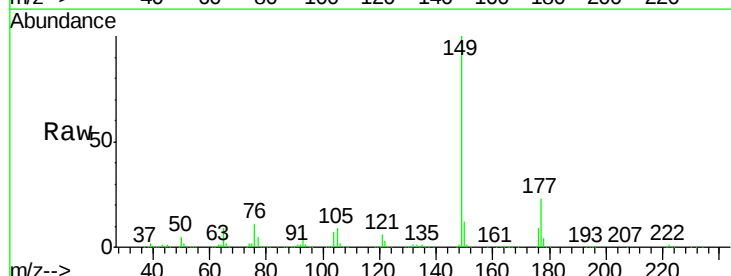


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

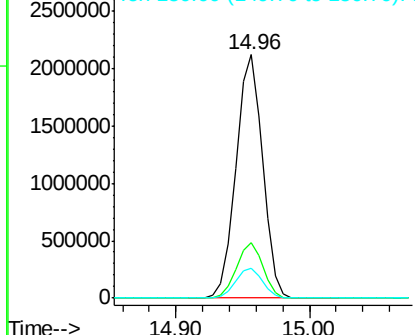
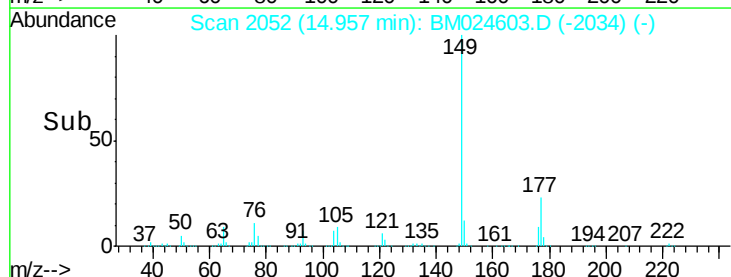


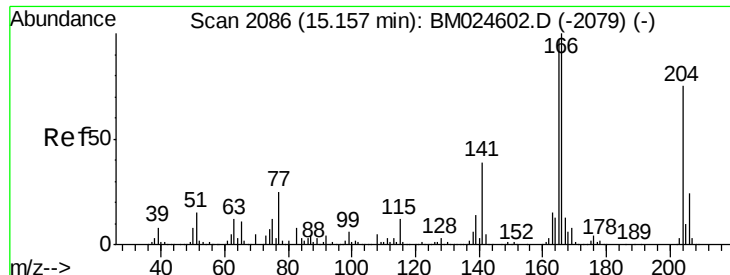
#60
Diethylphthalate
Concen: 48.157 ng
RT: 14.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:149 Resp: 2925856
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.4 10.2 15.4



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



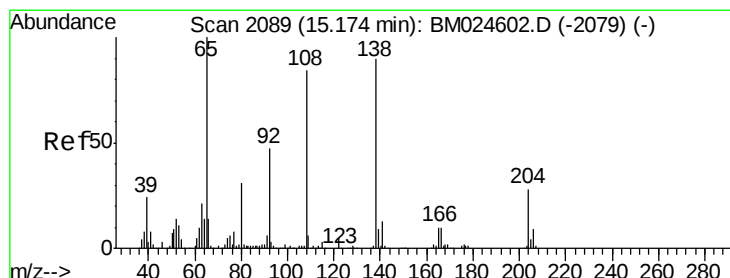
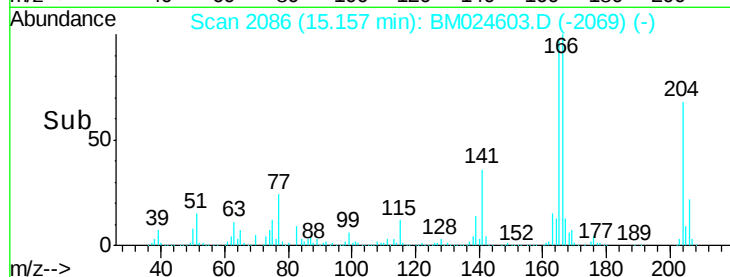
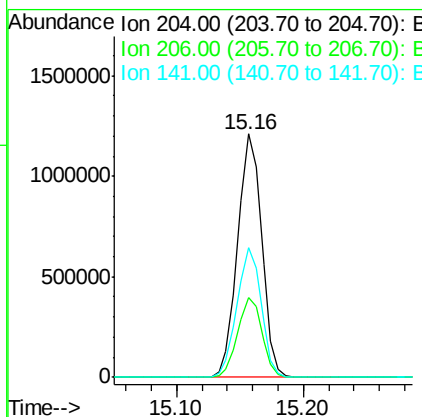
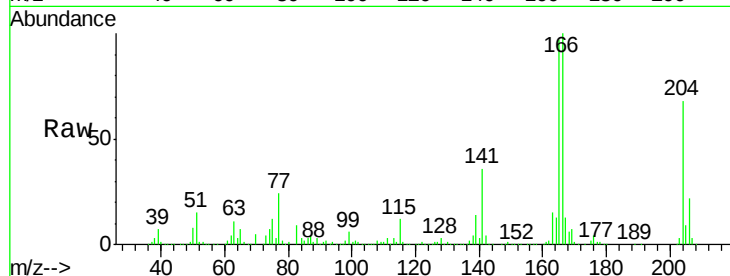


#61
 4-Chlorophenyl-phenylether
 Concen: 49.784 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 1590606

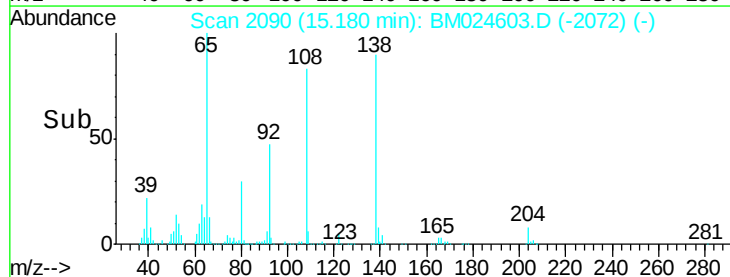
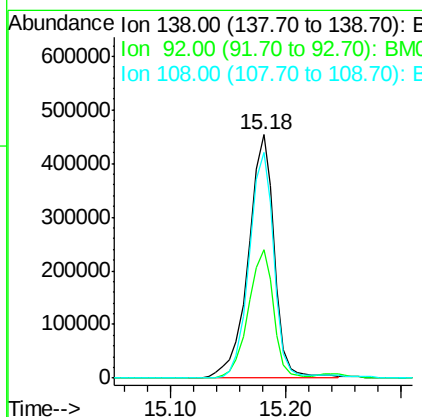
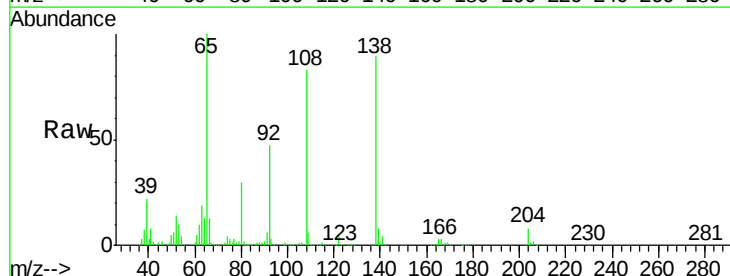
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	53.3	42.2	63.2

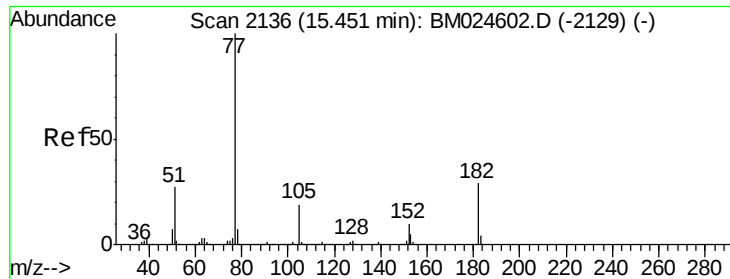


#62
 4-Nitroaniline
 Concen: 45.924 ng
 RT: 15.18 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion:138 Resp: 711996

Ion	Ratio	Lower	Upper
138	100		
92	52.5	32.4	72.4
108	92.9	73.3	113.3



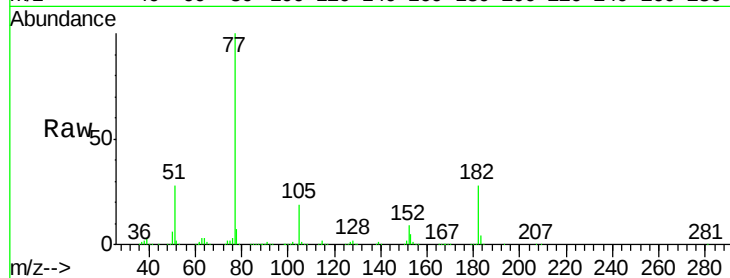


#63
Azobenzene
Concen: 46.157 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2513352

Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.7	48.7
105	19.3	0.0	39.2
51	27.7	7.5	47.5



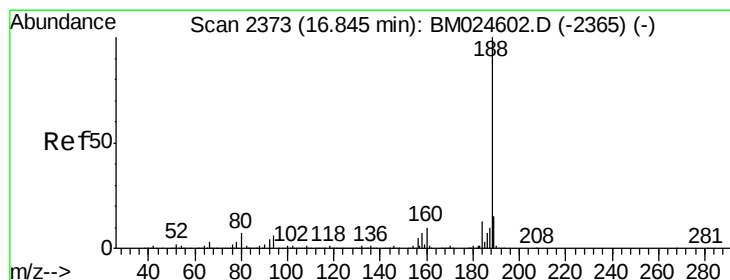
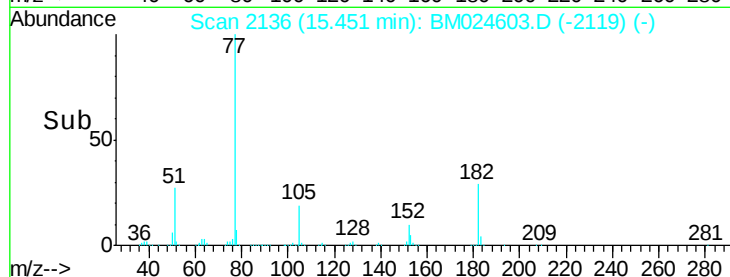
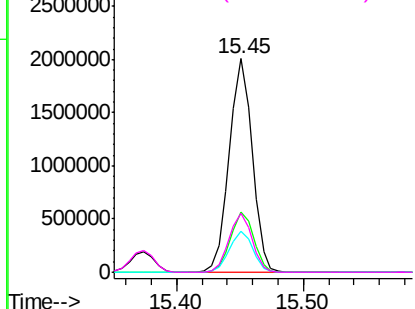
Abundance

Ion 77.00 (76.70 to 77.70): BM024603.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024603.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024603.D (-2119) (-)

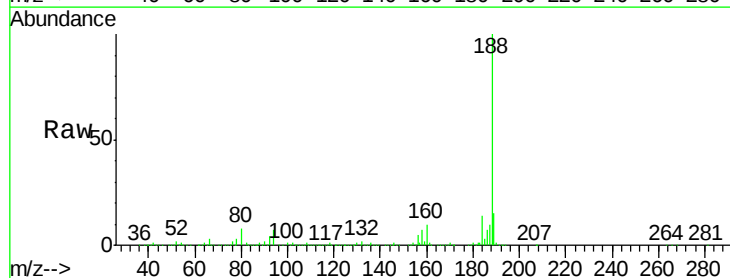
Ion 51.00 (50.70 to 51.70): BM024603.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion: 188 Resp: 1627378

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.0	7.6
80	7.6	5.8	8.8

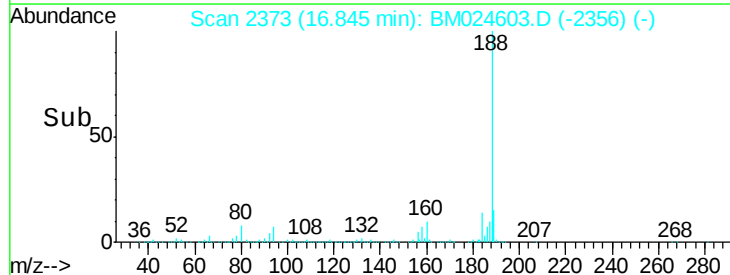
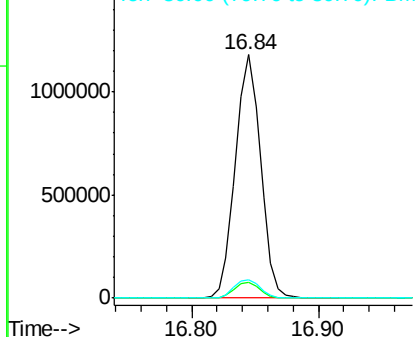


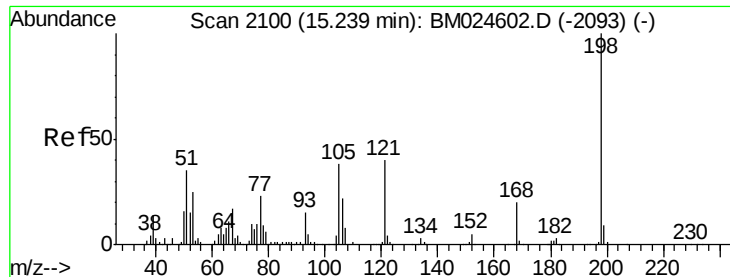
Abundance

Ion 188.00 (187.70 to 188.70): BM024603.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024603.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024603.D (-2356) (-)

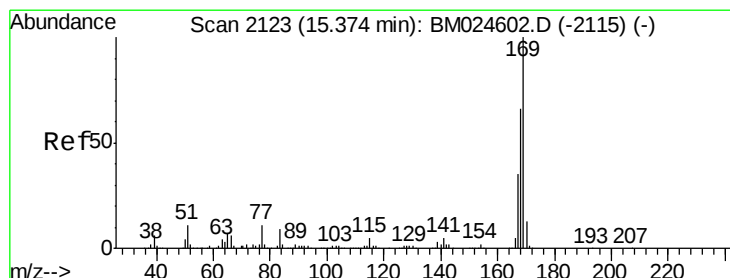
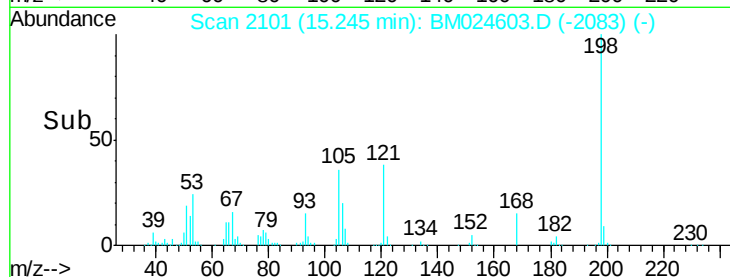
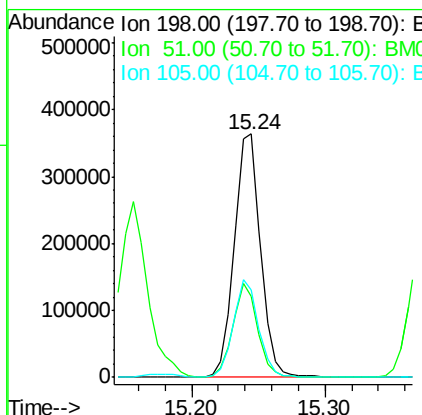
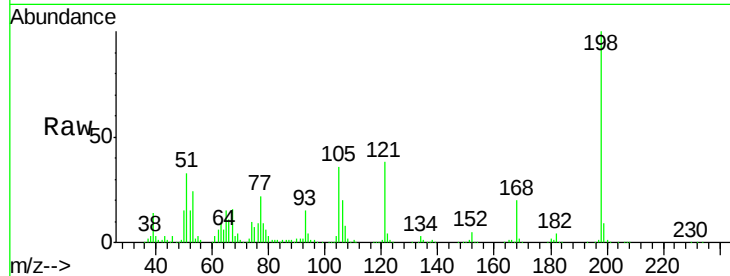




#65
 4,6-Dinitro-2-methylphenol
 Concen: 71.744 ng
 RT: 15.24 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

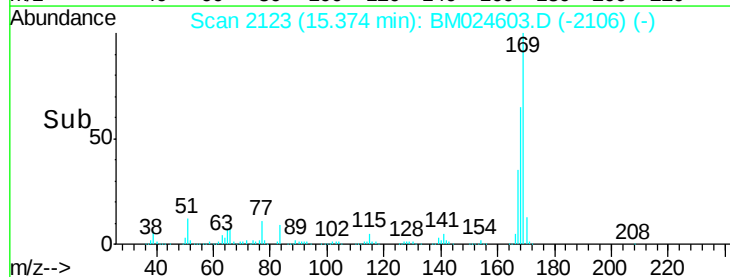
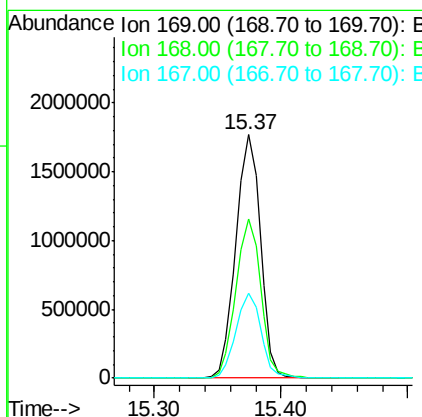
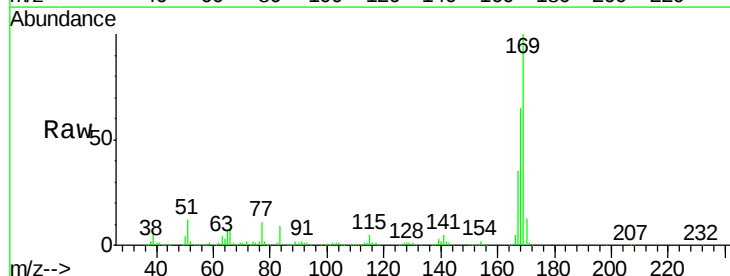
Instrument :
 BNA_M
 ClientSampled :

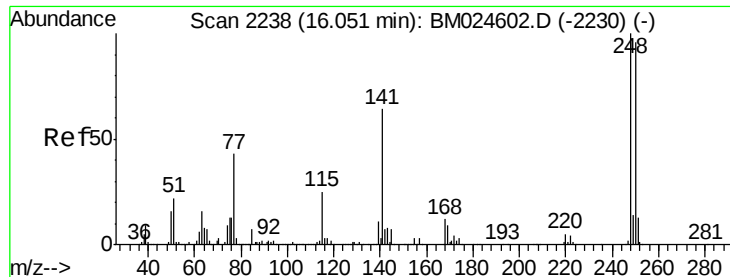
Tot Ion	198	Resp	499479
Ion Ratio	100	Lower	Upper
51	33.1	15.8	55.8
105	35.8	18.5	58.5



#66
 n-Nitrosodiphenylamine
 Concen: 49.527 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion	169	Resp	2383489
Ion Ratio	100	Lower	Upper
168	65.5	52.8	79.2
167	35.0	28.2	42.2

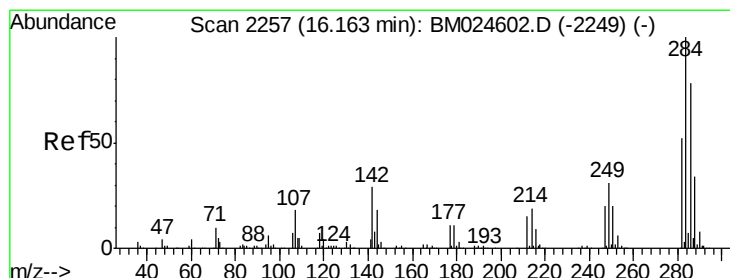
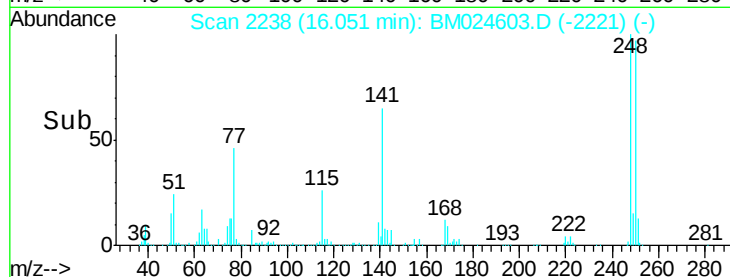
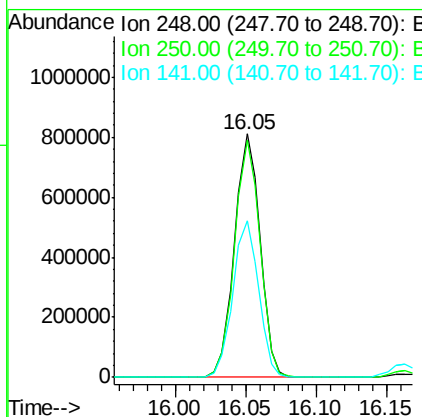
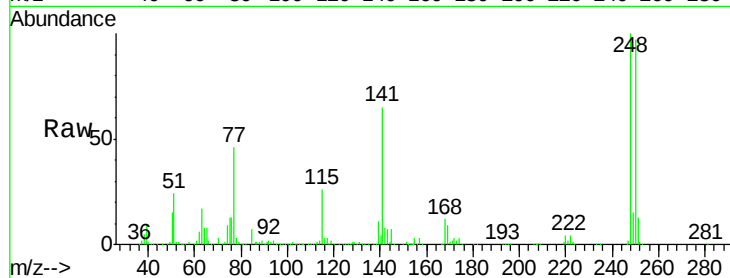




#67
4-Bromophenyl-phenylether
Concen: 52.233 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

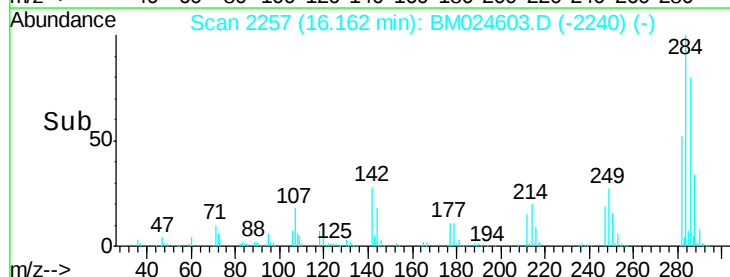
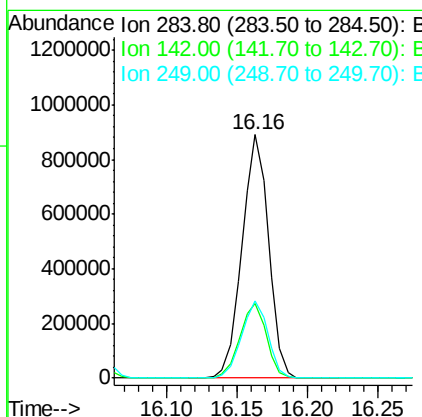
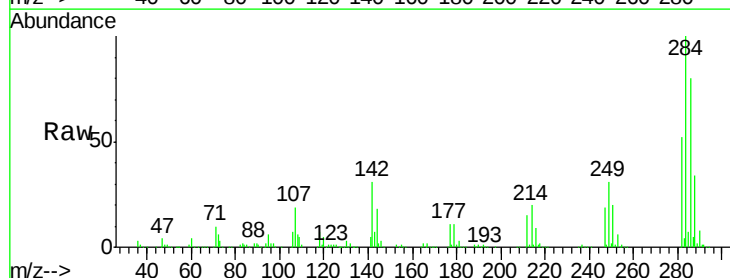
Instrument :
BNA_M
ClientSampleID :

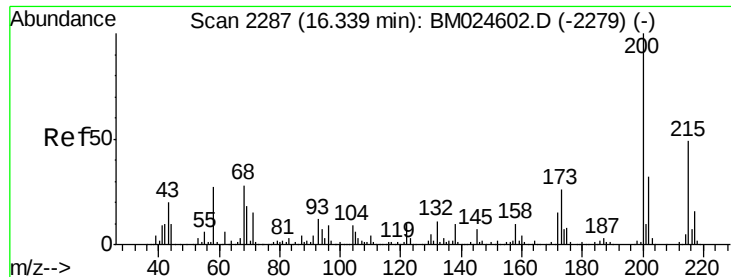
Tot Ion:248 Resp: 1025702
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.6
141 64.6 50.9 76.3



#68
Hexachlorobenzene
Concen: 51.129 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:284 Resp: 1169414
Ion Ratio Lower Upper
284 100
142 30.6 23.5 35.3
249 31.5 24.6 36.8





#69

Atrazine

Concen: 69.111 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

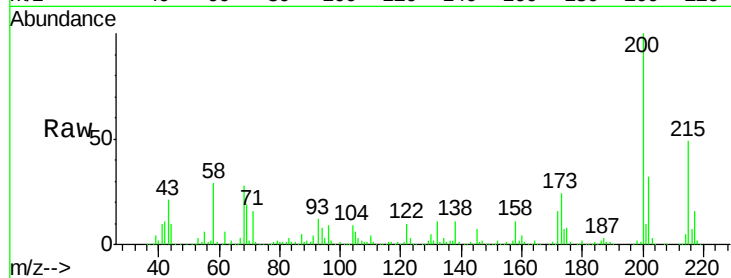
Tot Ion:200 Resp: 916611

Ion Ratio Lower Upper

200 100

173 24.4 5.5 45.5

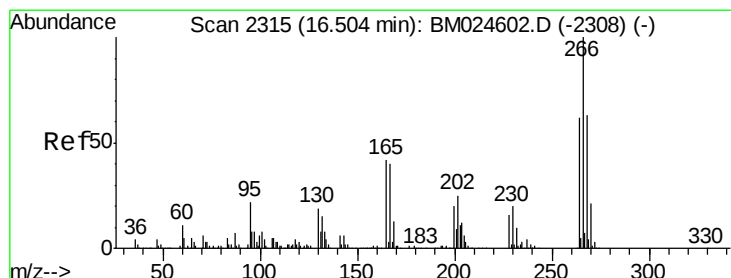
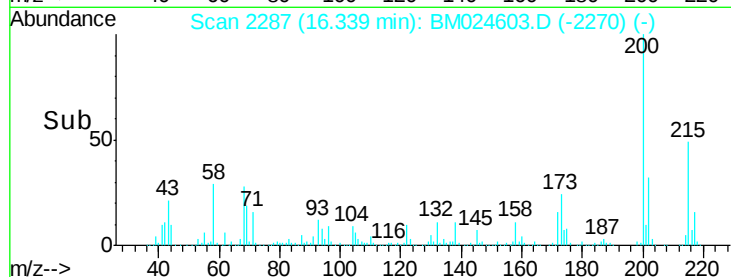
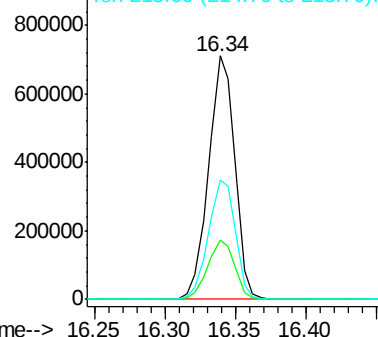
215 49.2 29.4 69.4



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: 63.529 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

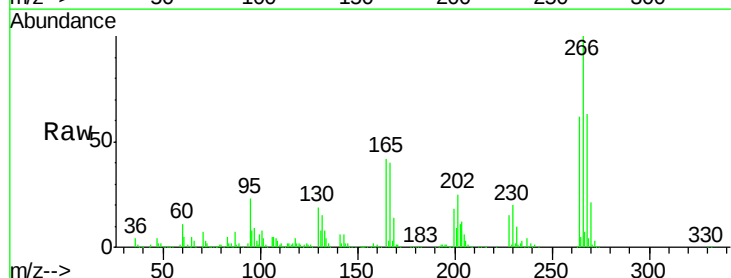
Tgt Ion:266 Resp: 733559

Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

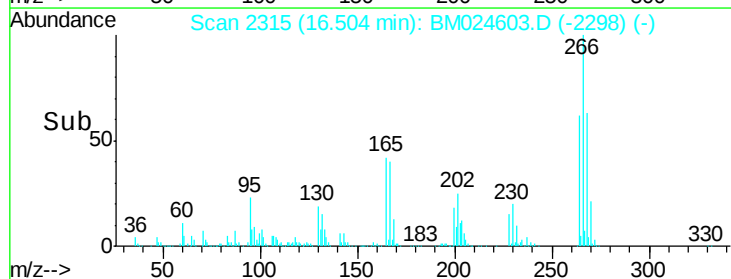
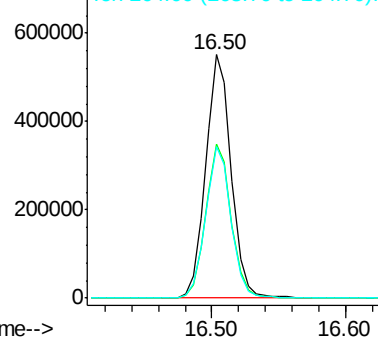
264 62.0 49.9 74.9

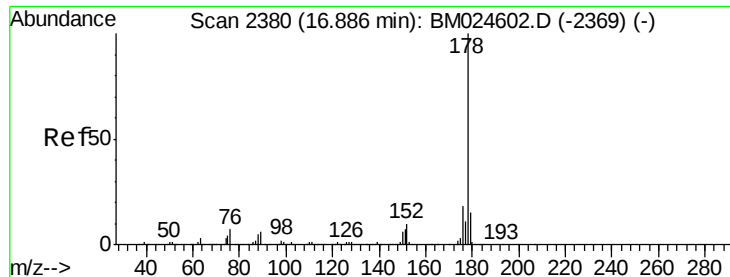


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

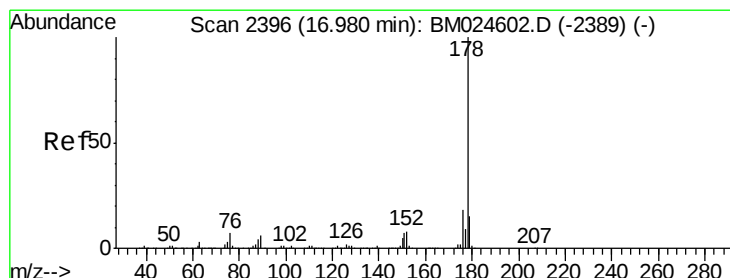
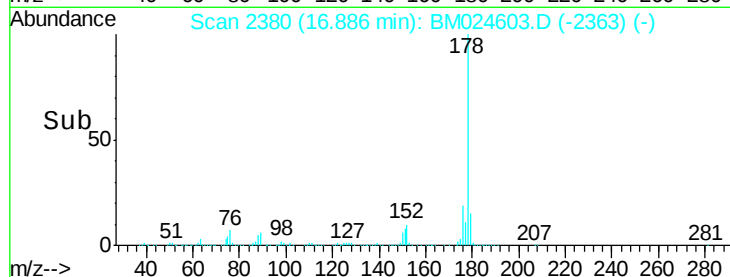
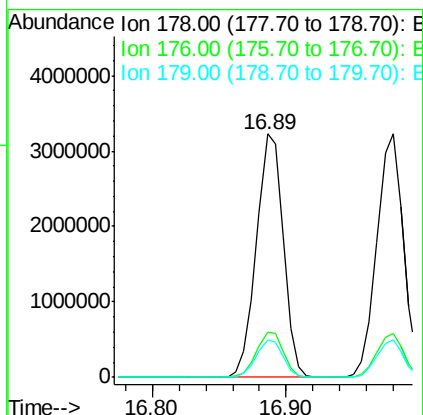
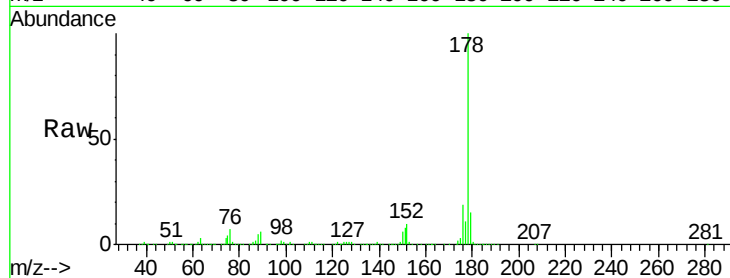




#71
Phenanthrene
Concen: 48.307 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

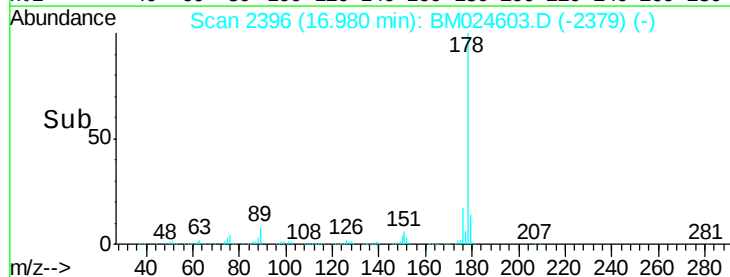
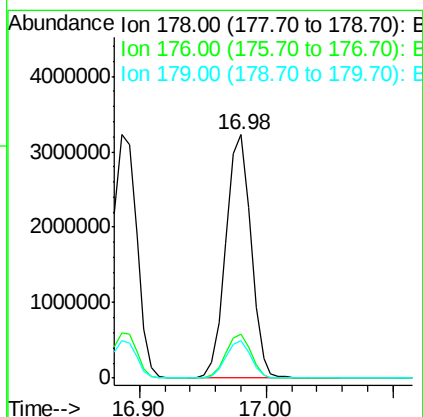
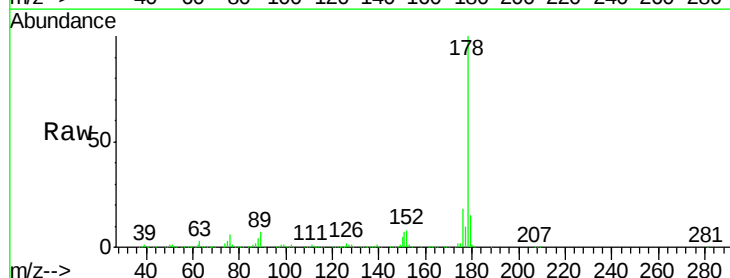
Instrument :
BNA_M
ClientSampleId :

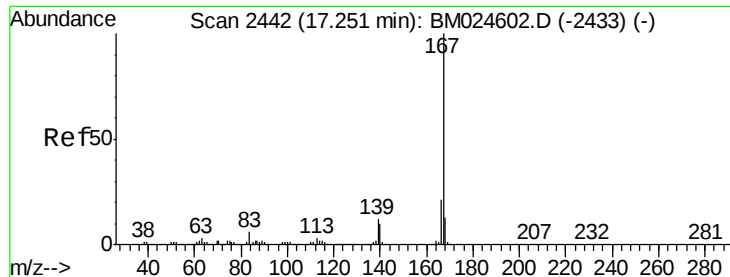
Tot Ion:178 Resp: 4484389
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 48.476 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:178 Resp: 4410147
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 15.3 12.1 18.1



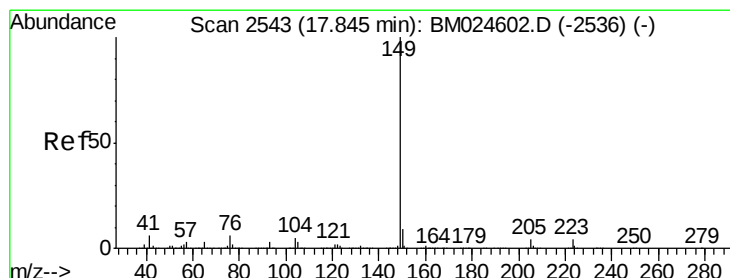
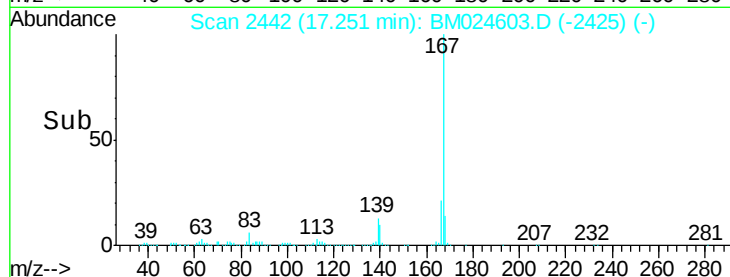
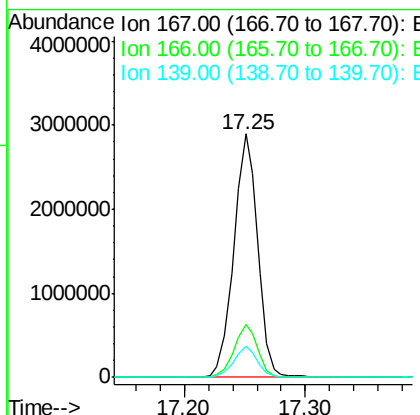
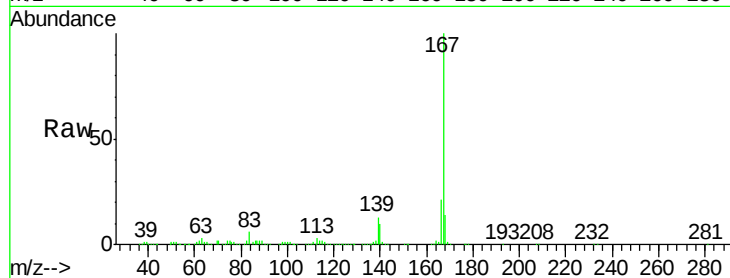


#73
 Carbazole
 Concen: 46.912 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 3989563

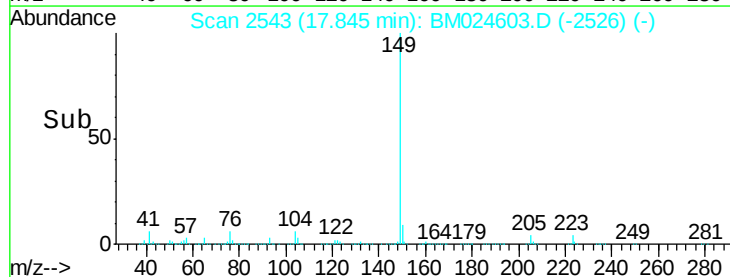
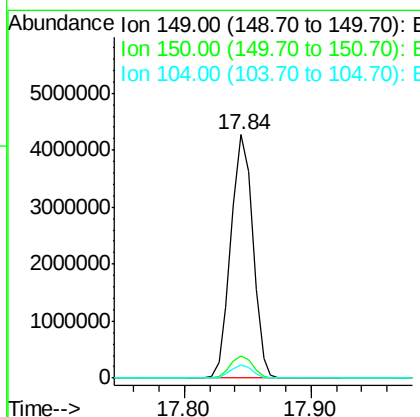
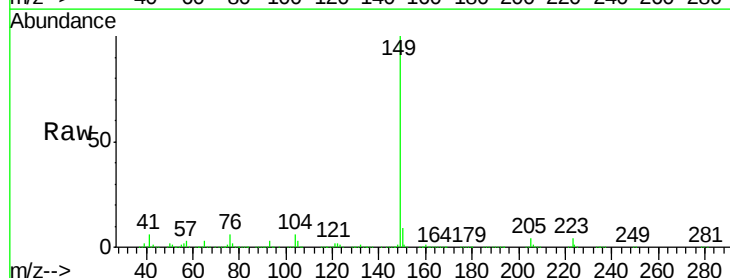
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.6	9.8	14.8

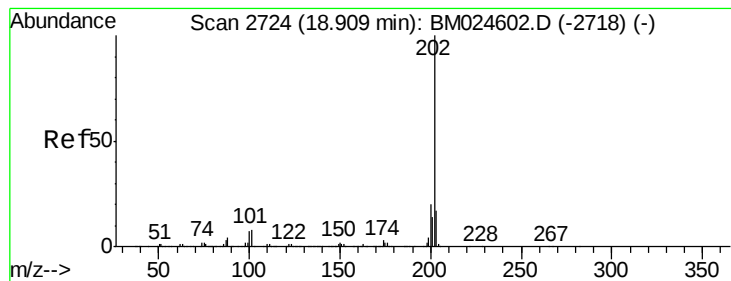


#74
 Di-n-butylphthalate
 Concen: 52.146 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM024603.D
 Acq: 23 Jan 2020 12:22

Tgt Ion:149 Resp: 5115963

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 50.188 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

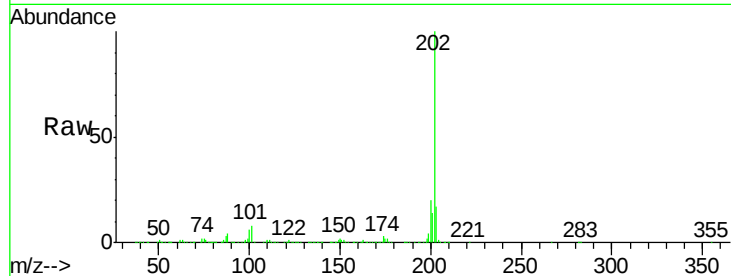
Tot Ion:202 Resp: 5567965

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.4

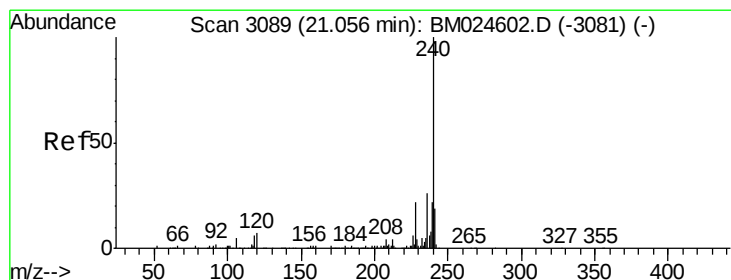
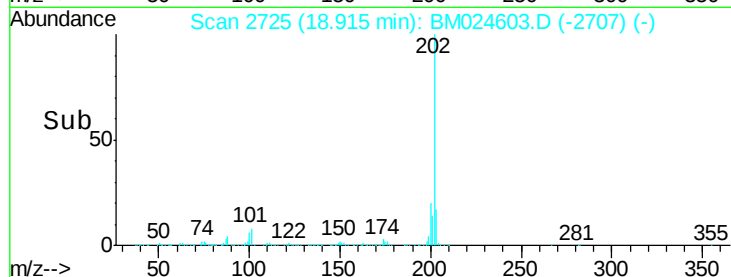
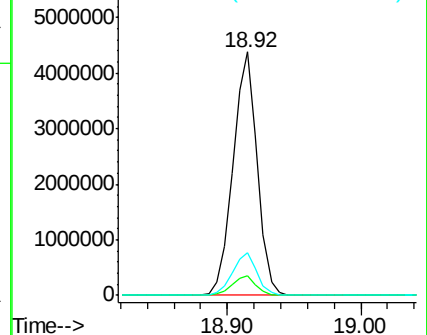
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

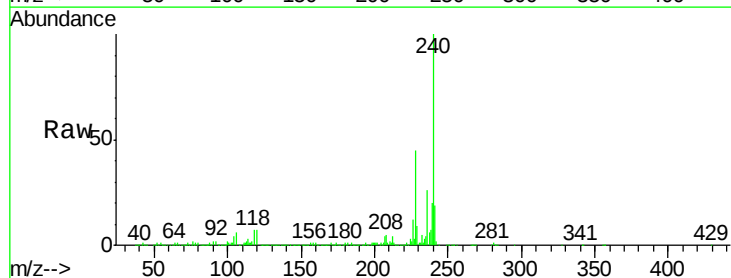
Tgt Ion:240 Resp: 1653537

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

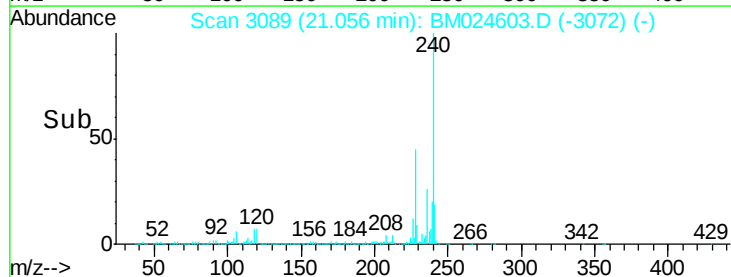
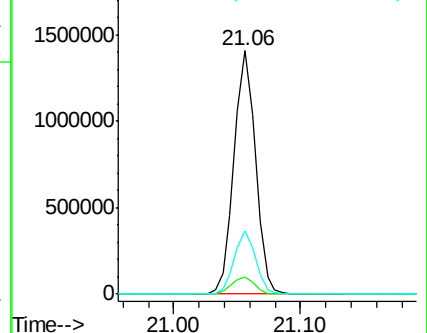
236 25.9 20.6 31.0

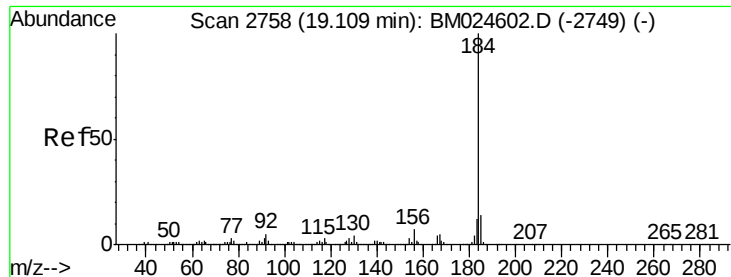


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 74.634 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

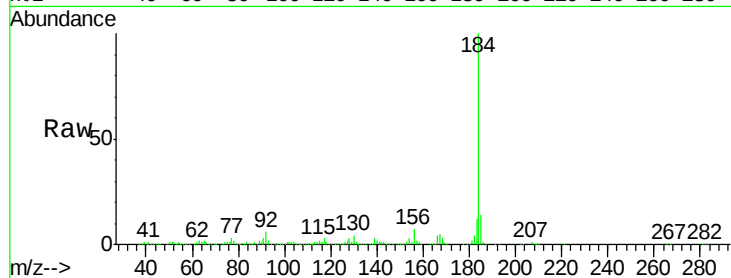
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1805920

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.8	9.6	14.4

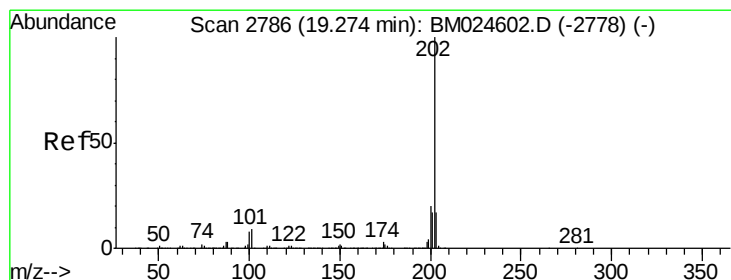
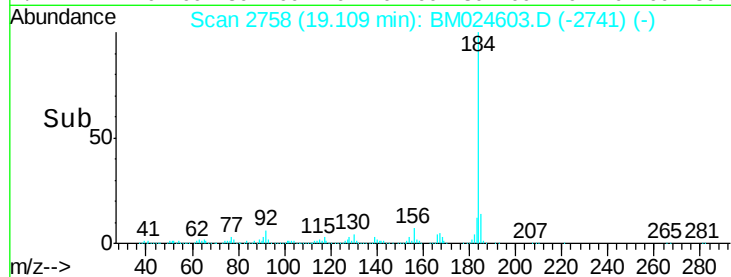
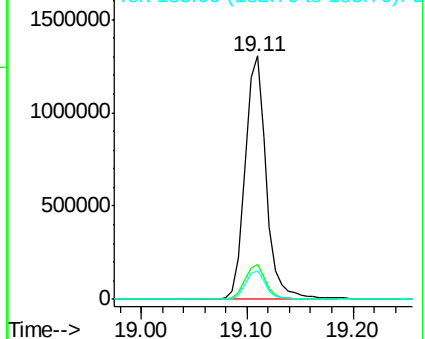


Abundance

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: 52.285 ng

RT: 19.28 min Scan# 2787

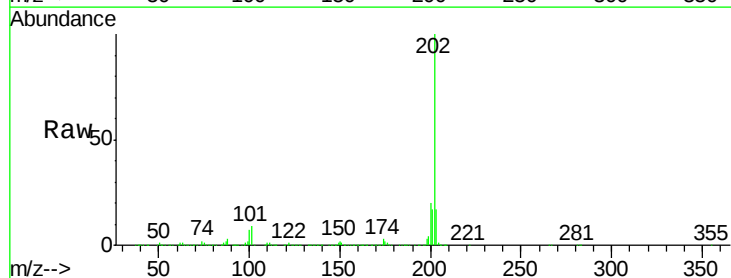
Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion:202 Resp: 5697804

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.1	14.0	21.0

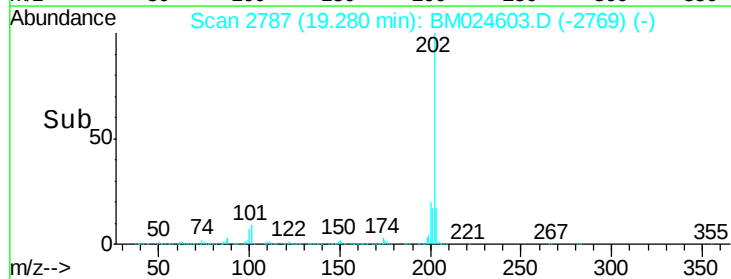
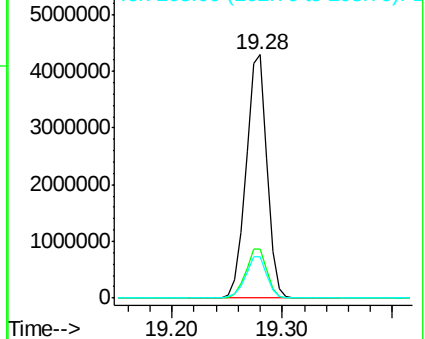


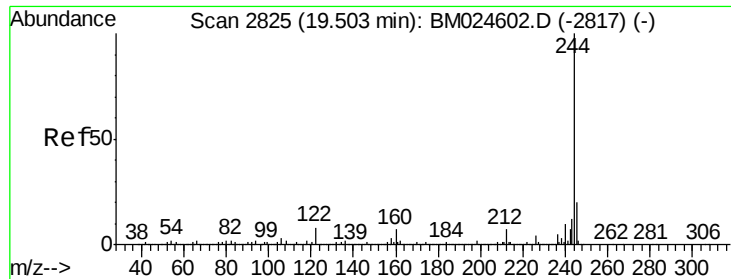
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 125.093 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

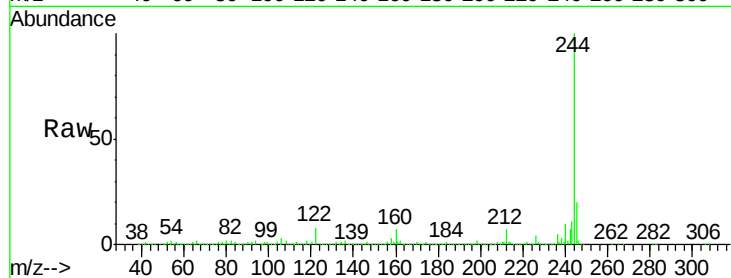
Tot Ion:244 Resp: 9863283

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

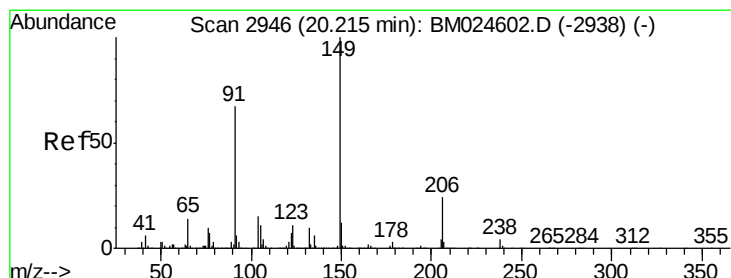
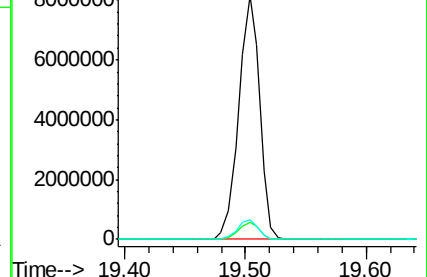
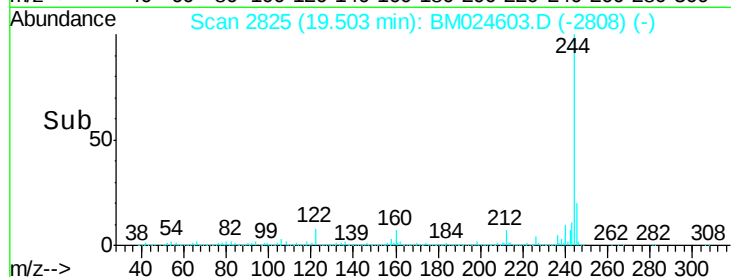
122 8.3 6.2 9.4



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: 66.603 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

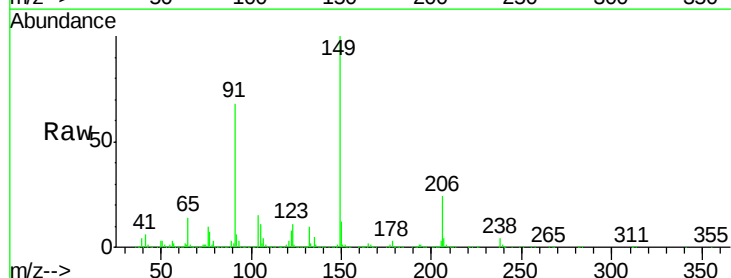
Tgt Ion:149 Resp: 2418671

Ion Ratio Lower Upper

149 100

91 67.8 53.9 80.9

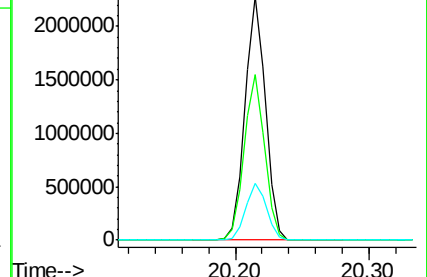
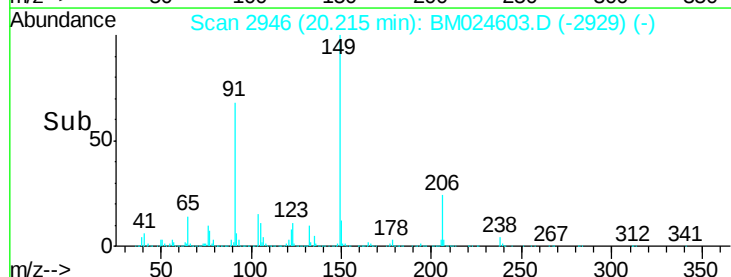
206 23.5 19.0 28.6

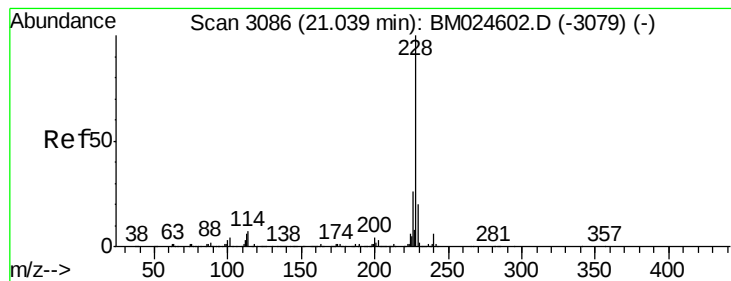


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.020 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

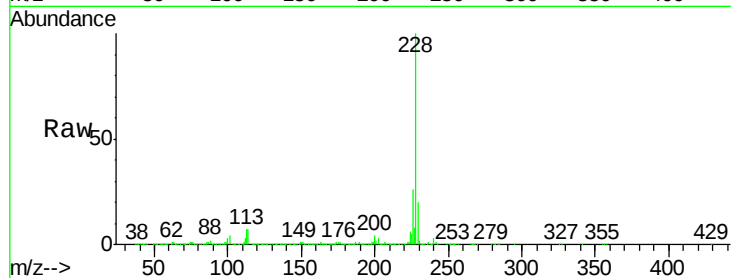
Tot Ion:228 Resp: 5927109

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

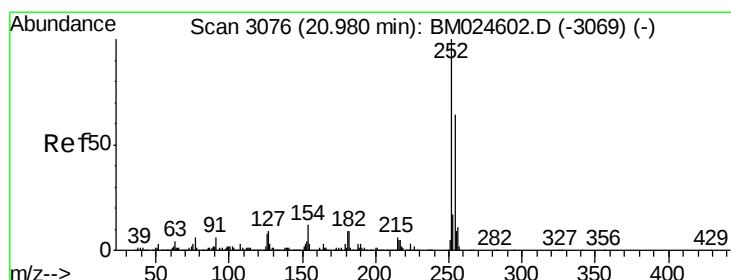
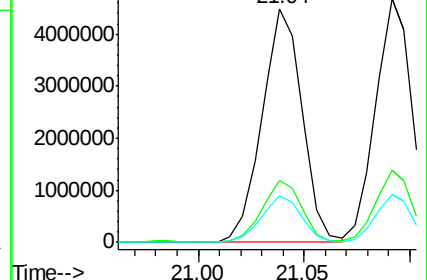
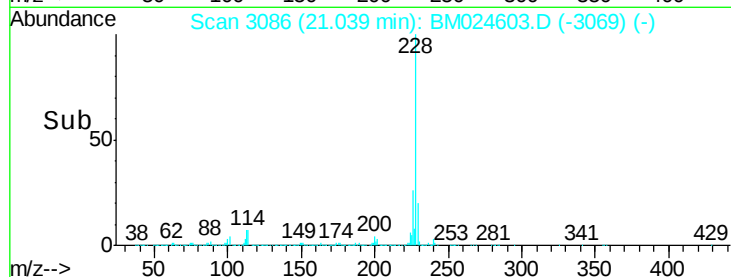
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 62.512 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

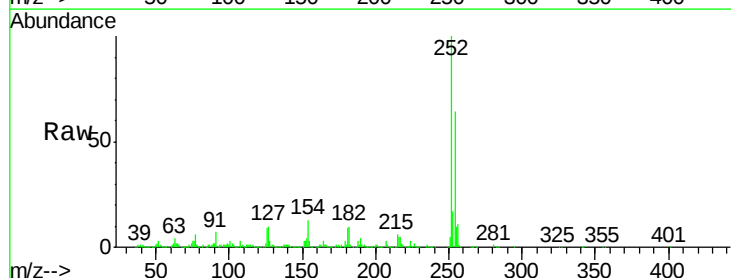
Tgt Ion:252 Resp: 2172707

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

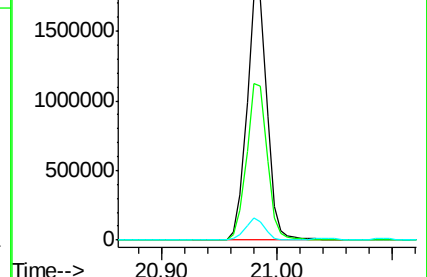
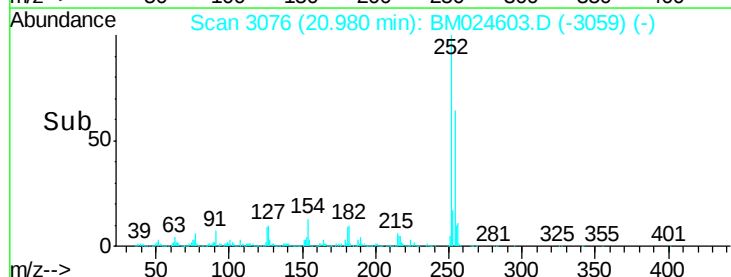
126 9.0 6.7 10.1

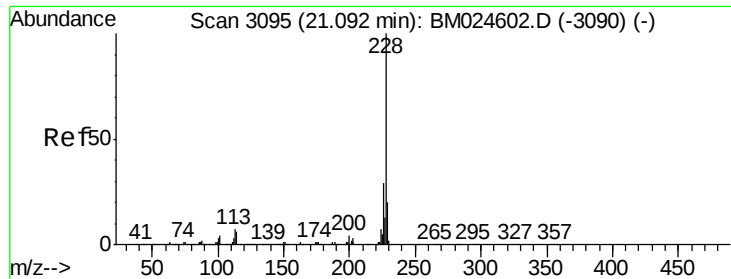


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 52.101 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

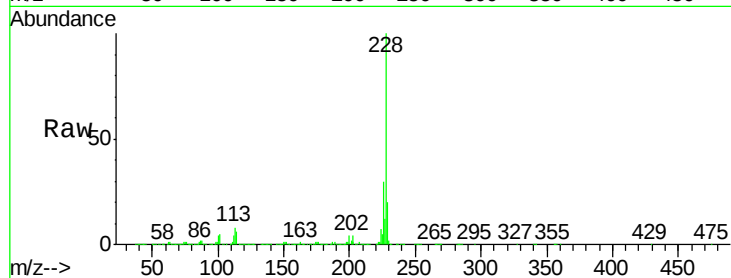
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5613457

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	19.9	15.7	23.5

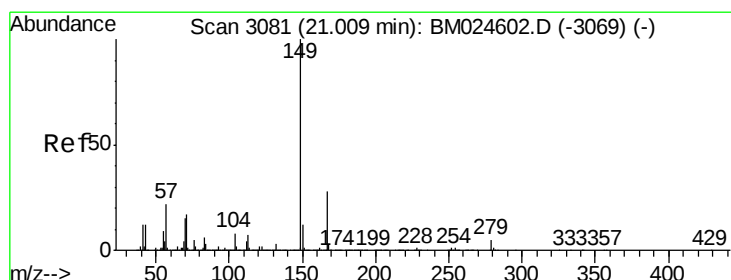
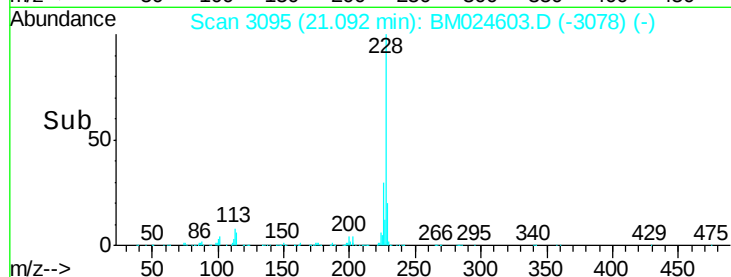
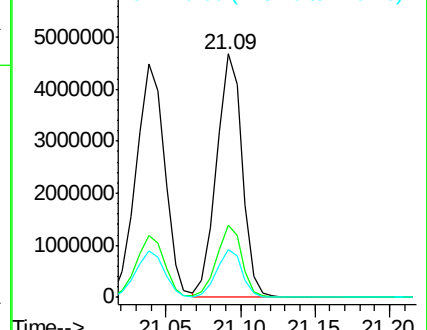


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.605 ng

RT: 21.01 min Scan# 3081

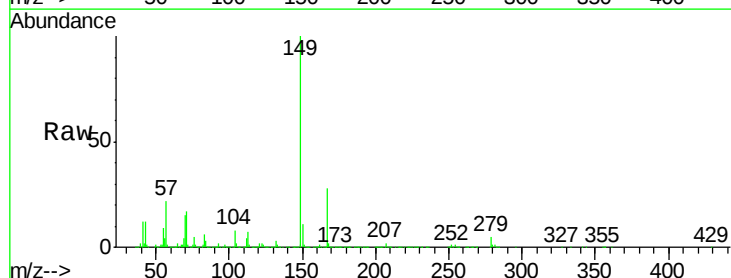
Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Tgt Ion:149 Resp: 3527282

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.8	4.0	6.0

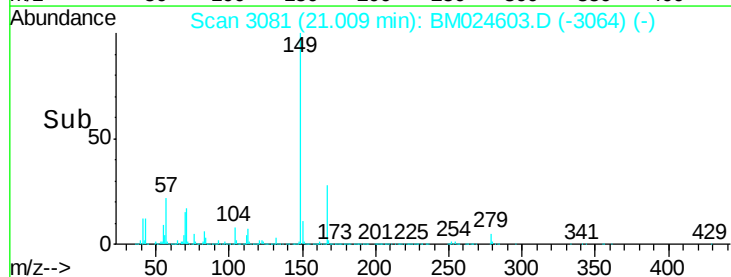
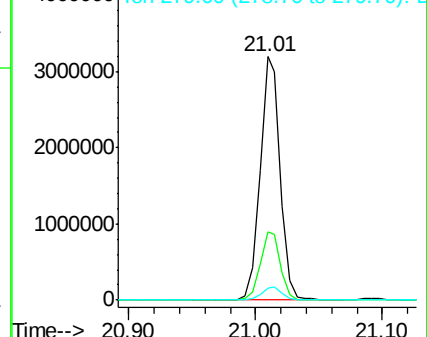


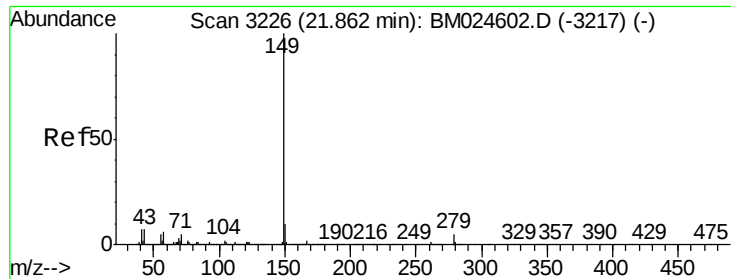
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 62.783 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampleId :

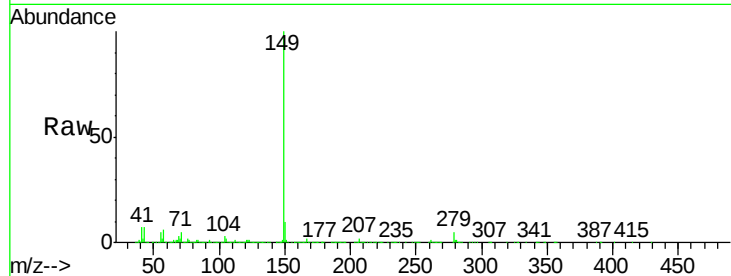
Tot Ion:149 Resp: 5858968

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

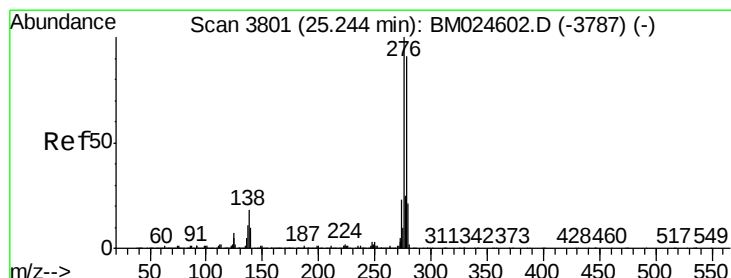
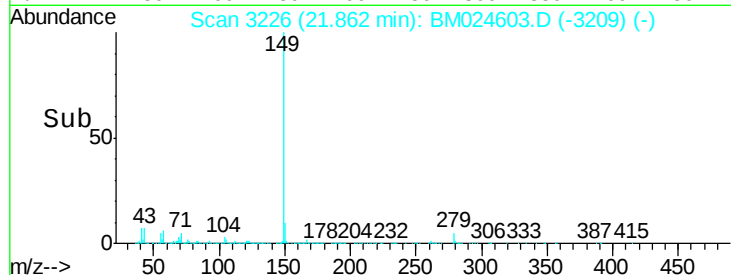
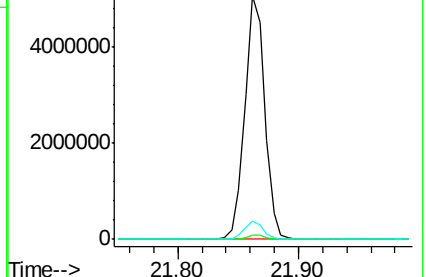
43 7.2 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.492 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

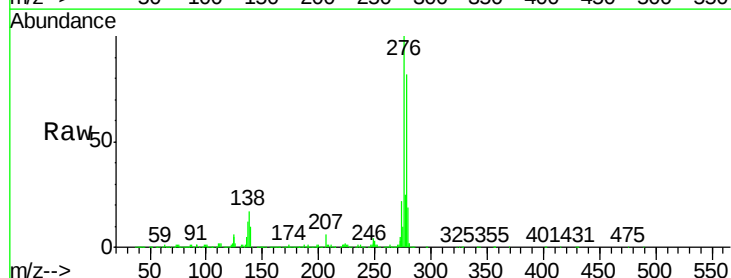
Tgt Ion:276 Resp: 5720669

Ion Ratio Lower Upper

276 100

138 17.6 13.4 20.0

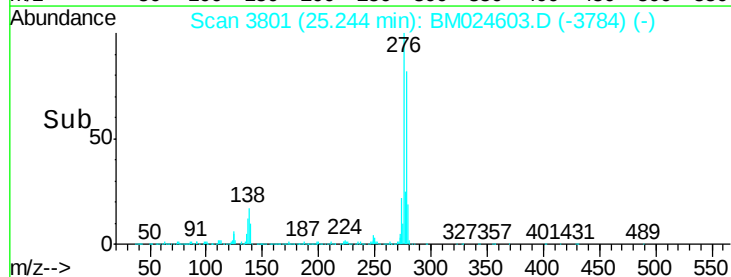
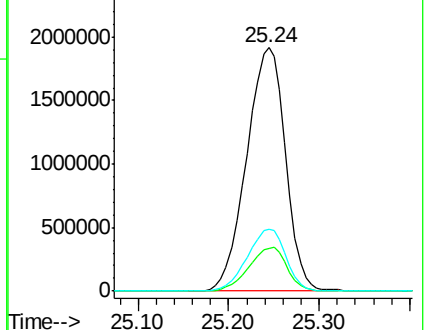
277 25.3 19.6 29.4

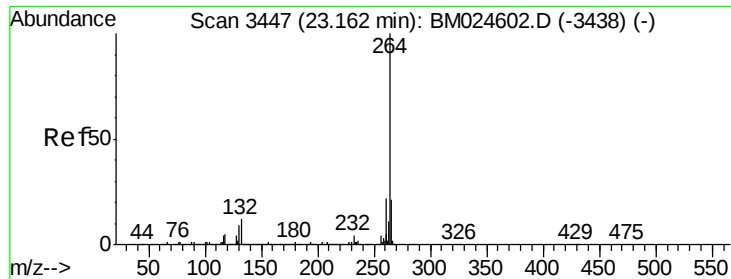


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



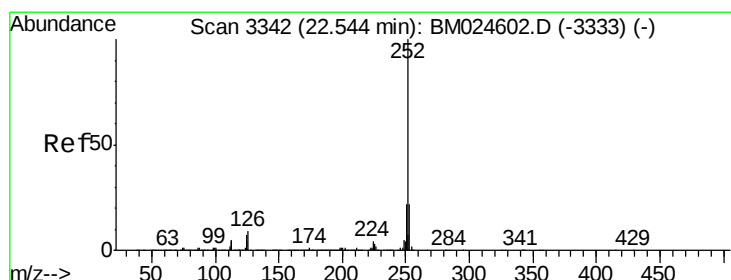
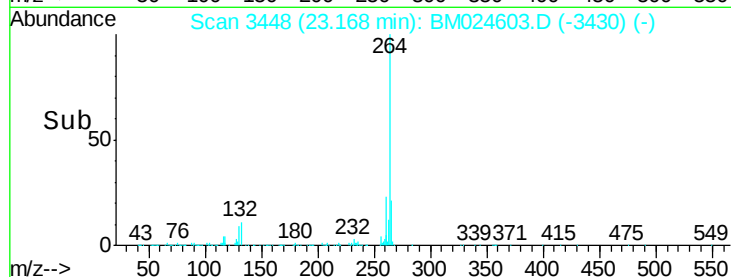
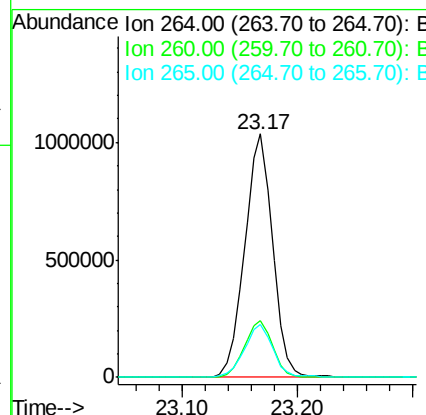
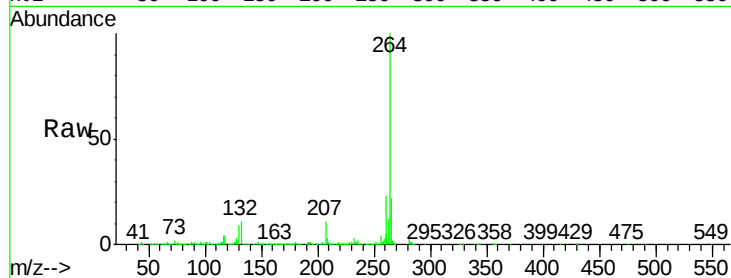


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1736974

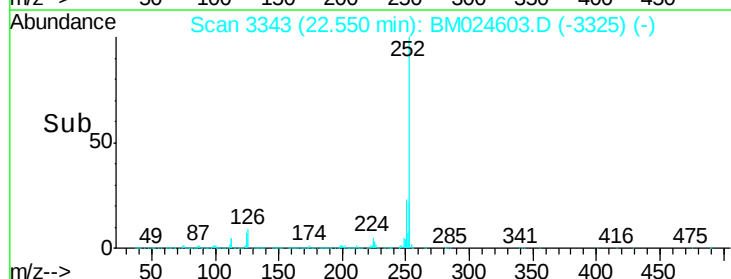
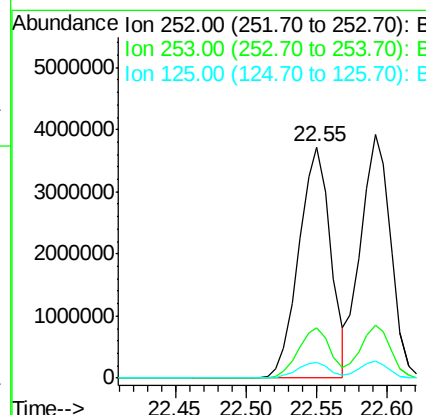
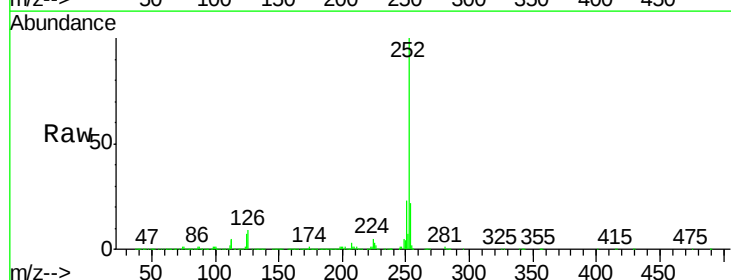
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	21.7	17.3	25.9

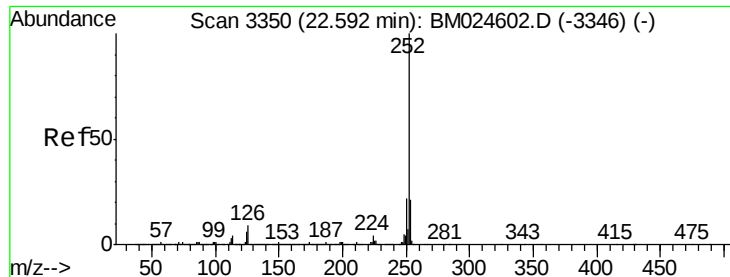


#88
Benzo(b)fluoranthene
Concen: 49.531 ng
RT: 22.55 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BM024603.D
Acq: 23 Jan 2020 12:22

Tgt Ion:252 Resp: 5821255

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.8	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 51.090 ng

RT: 22.59 min Scan# 3350

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampled :

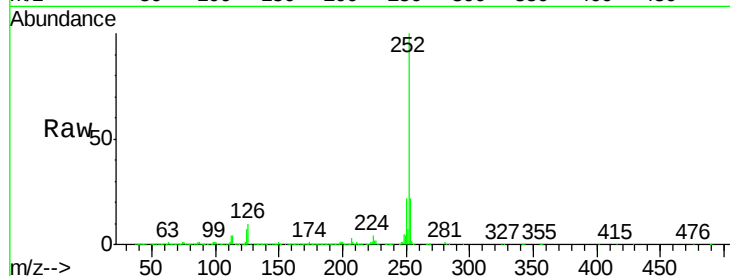
Tot Ion:252 Resp: 5768970

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

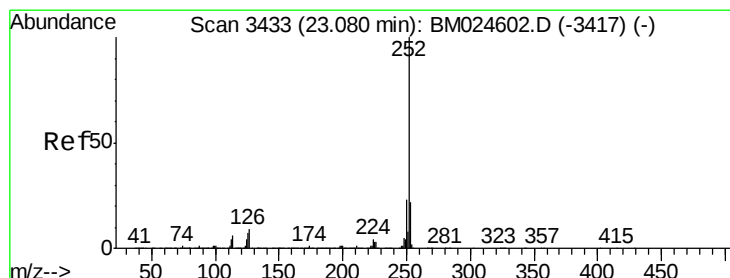
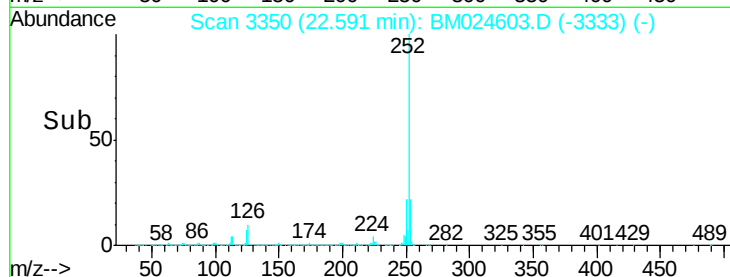
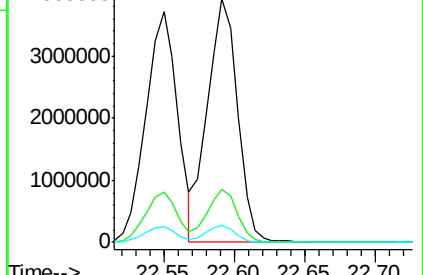
125 6.9 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.502 ng

RT: 23.08 min Scan# 3433

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

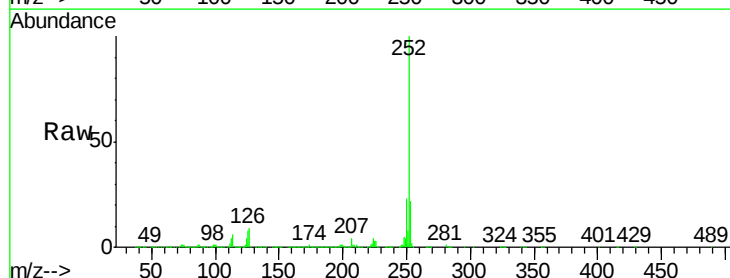
Tgt Ion:252 Resp: 5286932

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

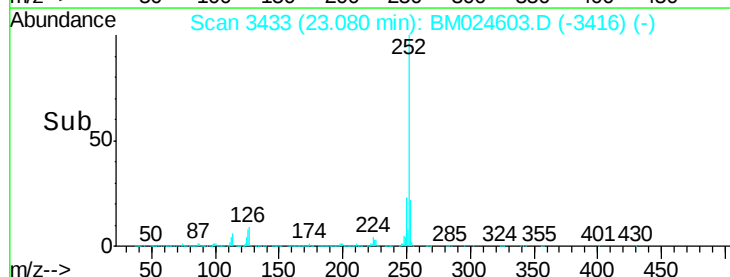
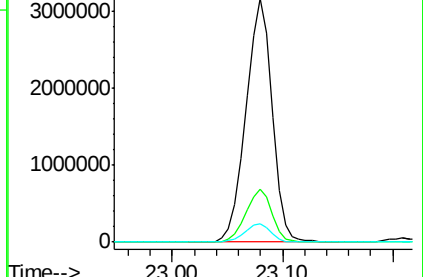
125 7.6 5.8 8.8

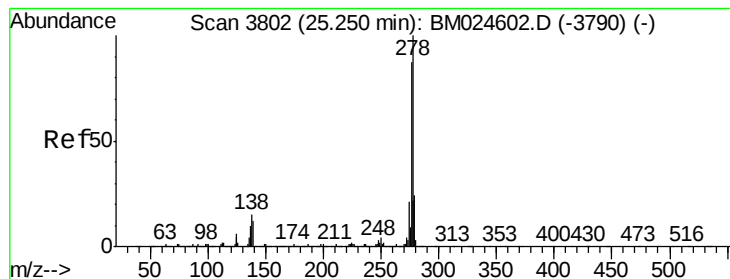


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.595 ng

RT: 25.26 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

Instrument :

BNA_M

ClientSampled :

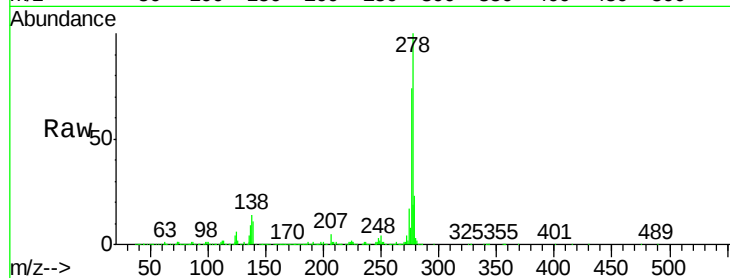
Tot Ion:278 Resp: 4815378

Ion Ratio Lower Upper

278 100

139 10.9 9.3 13.9

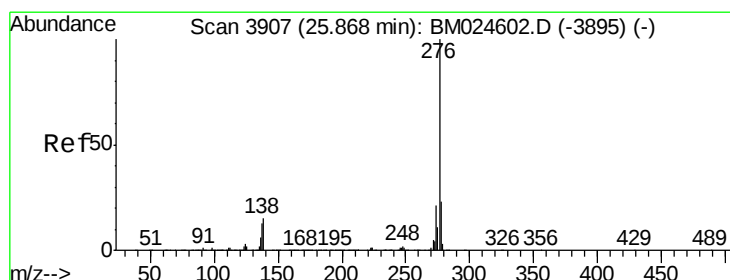
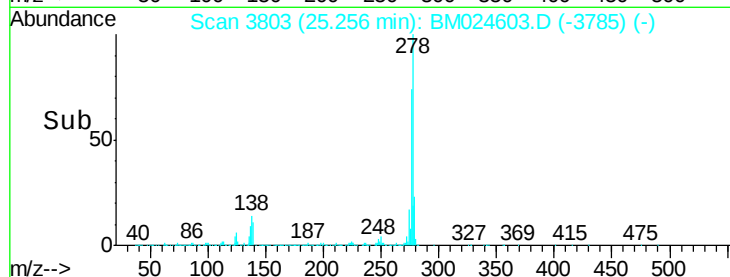
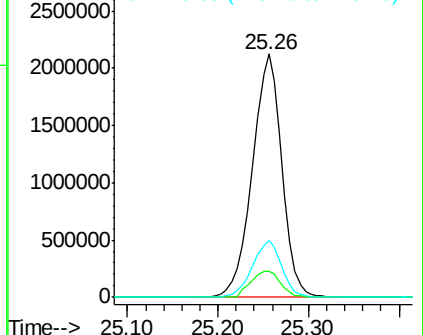
279 23.2 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.166 ng

RT: 25.87 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM024603.D

Acq: 23 Jan 2020 12:22

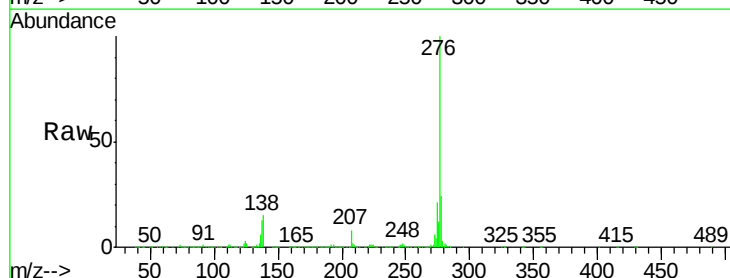
Tgt Ion:276 Resp: 4314926

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 14.8 11.9 17.9



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

