

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024600.D
 Acq On : 23 Jan 2020 10:34
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 12:48:54 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	173202	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	729380	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	536053	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1278422	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1444006	20.00	ng	0.00
87) Perylene-d12	23.16	264	1691771	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	189613	19.50	ng	0.00
7) Phenol-d6	6.63	99	245645	19.00	ng	-0.01
23) Nitrobenzene-d5	8.58	82	294899	19.52	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	170259	23.09	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	785921	19.63	ng	0.00
79) Terphenyl-d14	19.50	244	1577343	22.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	39907	9.563	ng	98
3) Pyridine	3.46	79	111105	9.202	ng	96
4) n-Nitrosodimethylamine	3.38	42	47953	7.444	ng	# 87
6) Aniline	6.78	93	153057	9.485	ng	99
8) 2-Chlorophenol	7.02	128	107058	9.817	ng	96
9) Benzaldehyde	6.60	77	86734	13.542	ng	95
10) Phenol	6.66	94	126827	9.581	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	99576	9.431	ng	98
12) 1,3-Dichlorobenzene	7.33	146	136408	10.054	ng	93
13) 1,4-Dichlorobenzene	7.48	146	140636	10.255	ng	98
14) 1,2-Dichlorobenzene	7.79	146	134233	10.111	ng	99
15) Benzyl Alcohol	7.68	79	102184	10.065	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.98	45	92672	6.715	ng	98
17) 2-Methylphenol	7.89	107	87648	9.685	ng	97
18) Hexachloroethane	8.51	117	53602	10.554	ng	96
19) n-Nitroso-di-n-propylamine	8.25	70	97358	10.479	ng	# 93
20) 3+4-Methylphenols	8.22	107	118967	9.623	ng	99
22) Acetophenone	8.26	105	186194	9.133	ng	# 97
24) Nitrobenzene	8.62	77	144191	9.741	ng	98
25) Isophorone	9.15	82	249904	9.874	ng	99
26) 2-Nitrophenol	9.33	139	58827	11.353	ng	96
27) 2,4-Dimethylphenol	9.40	122	86344	9.668	ng	97
28) bis(2-Chloroethoxy)methane	9.64	93	153715	9.899	ng	98
29) 2,4-Dichlorophenol	9.86	162	116950	9.975	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	152984	10.708	ng	97
31) Naphthalene	10.25	128	370889	9.415	ng	99
32) Benzoic acid	9.50	122	35617	6.203	ng	98
33) 4-Chloroaniline	10.36	127	154211	8.829	ng	97
34) Hexachlorobutadiene	10.56	225	106467	11.284	ng	93
35) Caprolactam	11.12	113	34954	9.780	ng	95
36) 4-Chloro-3-methylphenol	11.50	107	123114	10.017	ng	95
37) 2-Methylnaphthalene	11.87	142	280602	9.723	ng	98
38) 1-Methylnaphthalene	12.10	142	272287	9.903	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	190177	10.155	ng	98

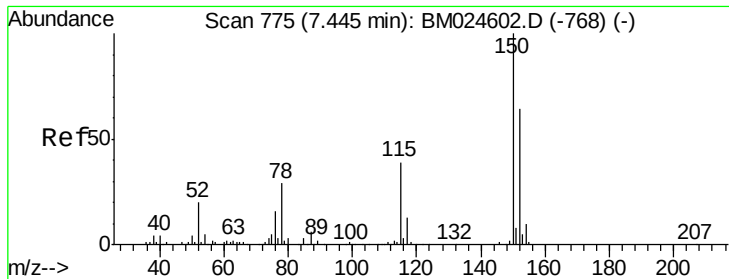
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	104243	10.083	ng	98
43) 2,4,6-Trichlorophenol	12.50	196	115756	10.852	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	115765	10.084	ng	99
46) 1,1'-Biphenyl	12.92	154	399645	9.276	ng	100
47) 2-Chloronaphthalene	12.95	162	322104	9.224	ng	99
48) 2-Nitroaniline	13.16	65	92293	8.709	ng	95
49) Acenaphthylene	13.80	152	480114	9.081	ng	99
50) Dimethylphthalate	13.56	163	434858	9.786	ng	99
51) 2,6-Dinitrotoluene	13.67	165	88905	9.381	ng	96
52) Acenaphthene	14.16	154	299515	9.265	ng	100
53) 3-Nitroaniline	13.99	138	86307	8.343	ng	89
54) 2,4-Dinitrophenol	14.20	184	42923	11.201	ng	97
55) Dibenzofuran	14.49	168	499999	9.556	ng	100
56) 4-Nitrophenol	14.32	139	66530	8.661	ng	95
57) 2,4-Dinitrotoluene	14.46	165	124595	9.209	ng	96
58) Fluorene	15.14	166	407872	9.244	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	121894	11.414	ng	97
60) Diethylphthalate	14.94	149	440188	9.599	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	241511	10.015	ng	98
62) 4-Nitroaniline	15.16	138	96095	8.212	ng	92
63) Azobenzene	15.44	77	371860	9.048	ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	59378	10.857	ng	97
66) n-Nitrosodiphenylamine	15.37	169	353633	9.354	ng	98
67) 4-Bromophenyl-phenylether	16.04	248	157070	10.182	ng	97
68) Hexachlorobenzene	16.16	284	183894	10.235	ng	95
69) Atrazine	16.33	200	137484	13.196	ng	99
70) Pentachlorophenol	16.50	266	102131	11.259	ng	99
71) Phenanthrene	16.88	178	683921	9.378	ng	99
72) Anthracene	16.97	178	659018	9.221	ng	99
73) Carbazole	17.24	167	598435	8.957	ng	100
74) Di-n-butylphthalate	17.84	149	759265	9.852	ng	100
75) Fluoranthene	18.91	202	856583	9.828	ng	99
77) Benzidine	19.10	184	354419	16.773	ng	99
78) Pyrene	19.27	202	894920	9.404	ng	99
80) Butylbenzylphthalate	20.22	149	345836	10.905	ng	99
81) Benzo(a)anthracene	21.03	228	988916	9.939	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	337635	11.124	ng	100
83) Chrysene	21.09	228	944724	10.041	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	532537	10.132	ng	100
85) Di-n-octyl phthalate	21.86	149	890190	10.923	ng	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	1177588	12.609	ng	99
88) Benzo(b)fluoranthene	22.54	252	1022277	8.931	ng	99
89) Benzo(k)fluoranthene	22.59	252	999344	9.087	ng	100
90) Benzo(a)pyrene	23.07	252	938480	9.204	ng	100
91) Dibenzo(a,h)anthracene	25.24	278	982396	10.807	ng	99
92) Benzo(g,h,i)perylene	25.85	276	929251	11.313	ng	98

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

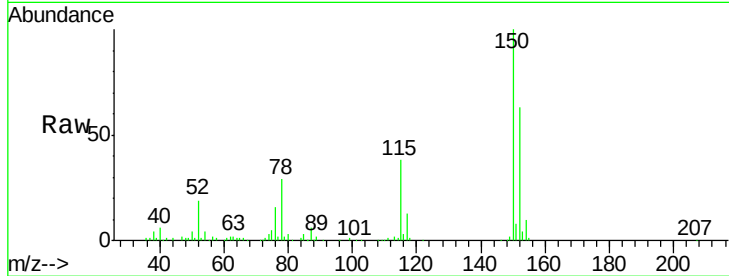


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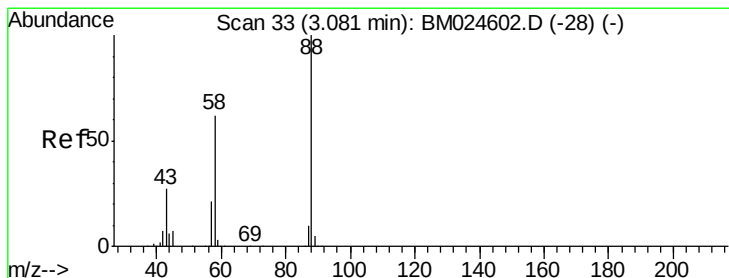
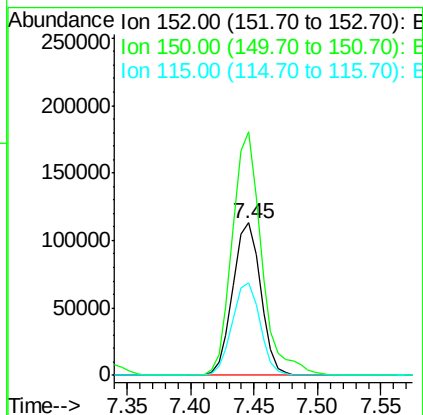
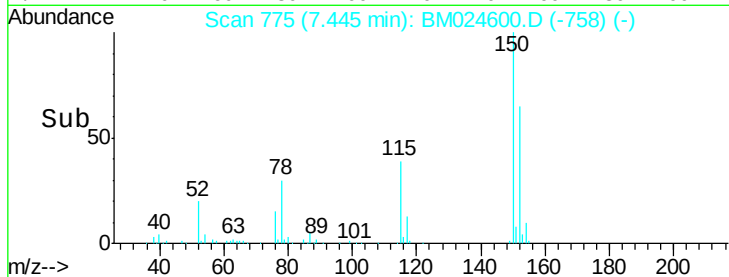
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.2	186.4
115	60.7	48.6	72.8



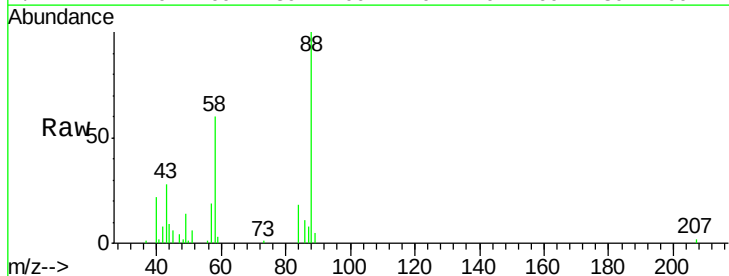
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



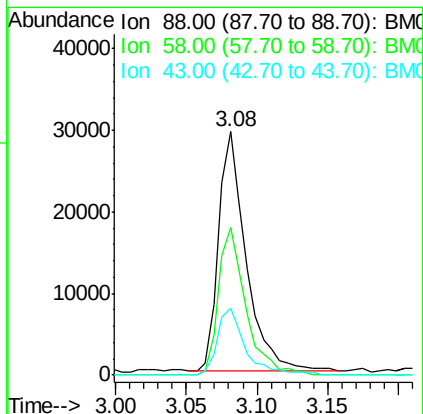
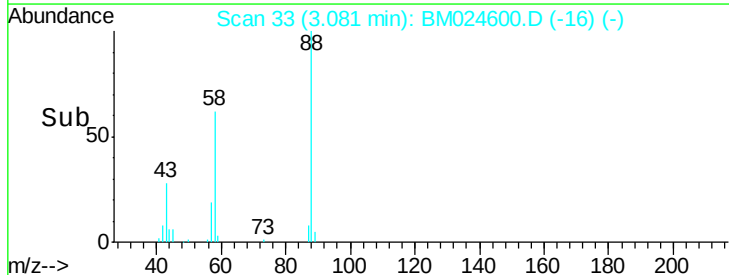
#2

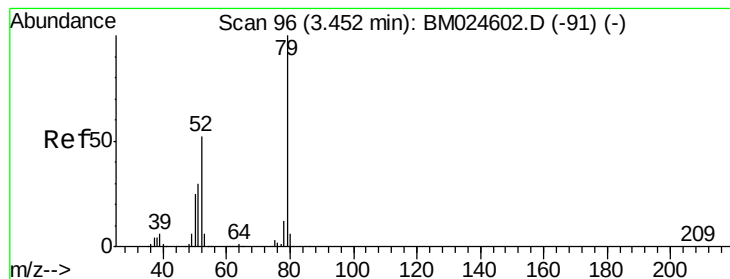
1,4-Dioxane
Concen: 9.563 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	50.0	75.0
43	28.6	21.6	32.4



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





#3

Pvridine

Concen: 9.202 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

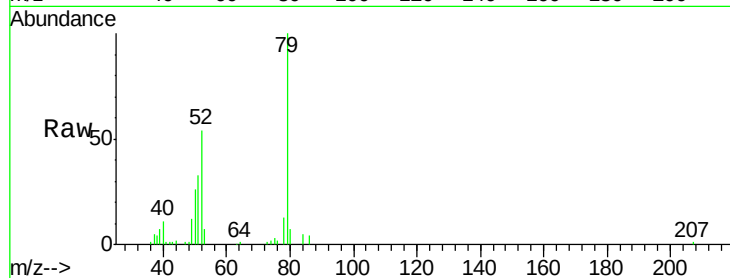
Tot Ion: 79 Resp: 111105

Ion Ratio Lower Upper

79 100

52 53.7 41.4 62.2

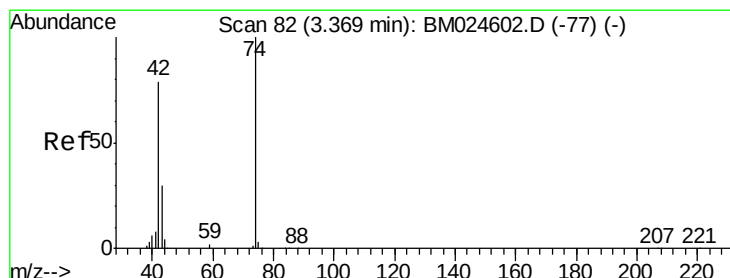
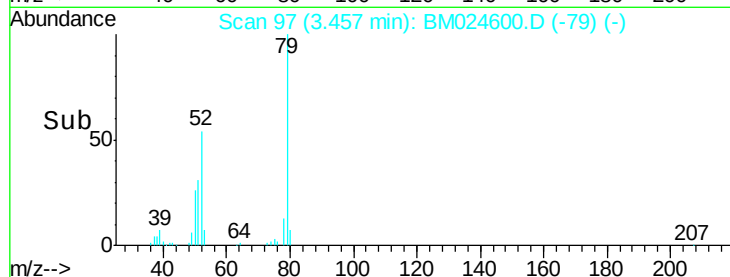
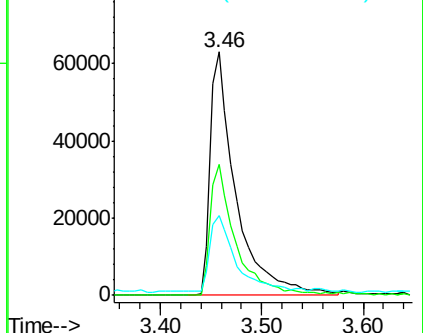
51 32.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024600.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024600.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024600.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 7.444 ng

RT: 3.38 min Scan# 83

Delta R.T. 0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

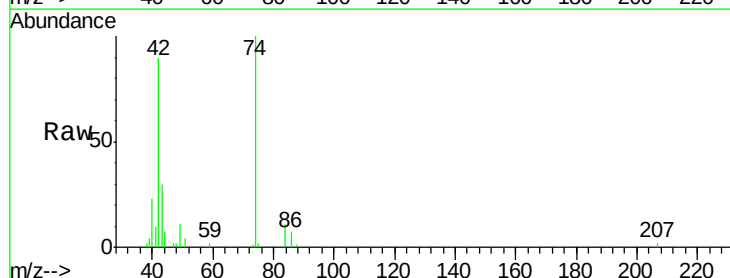
Tgt Ion: 42 Resp: 47953

Ion Ratio Lower Upper

42 100

74 111.1 101.4 152.2

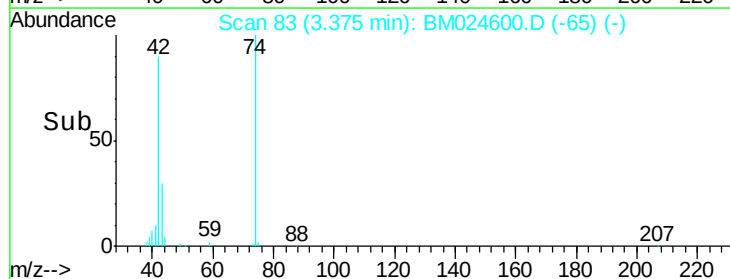
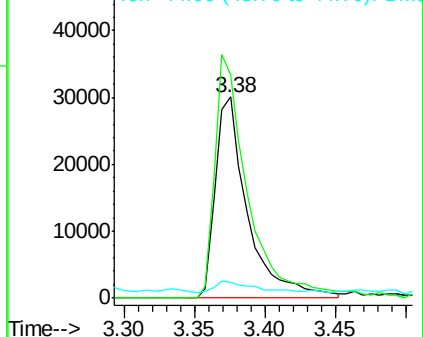
44 7.7 4.6 6.8#

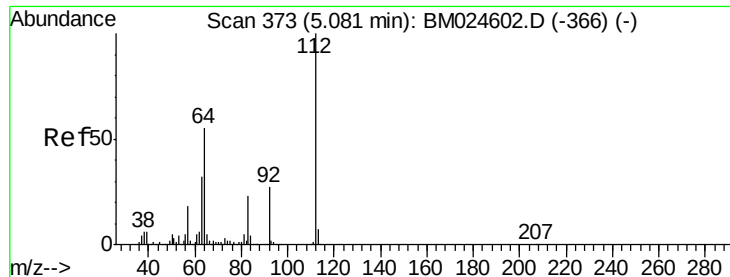


Abundance Ion 42.00 (41.70 to 42.70): BM024600.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024600.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024600.D (-77) (-)





#5

2-Fluorophenol

Concen: 19.504 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

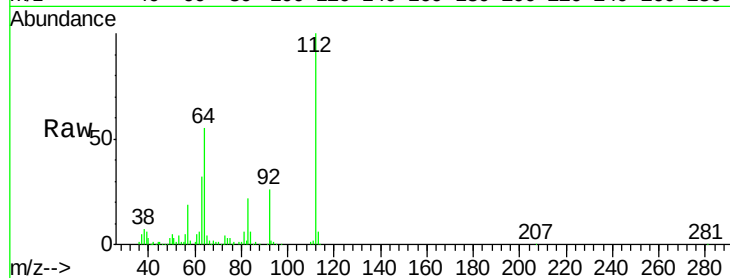
Tot Ion:112 Resp: 189613

Ion Ratio Lower Upper

112 100

64 54.9 44.2 66.4

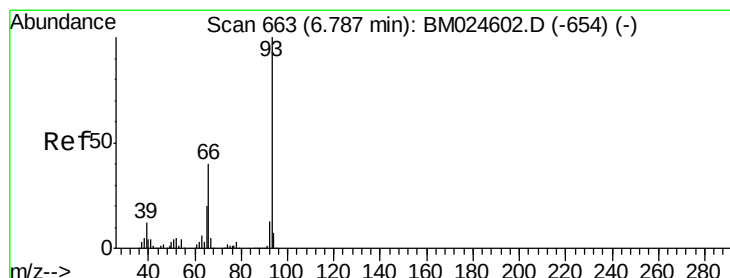
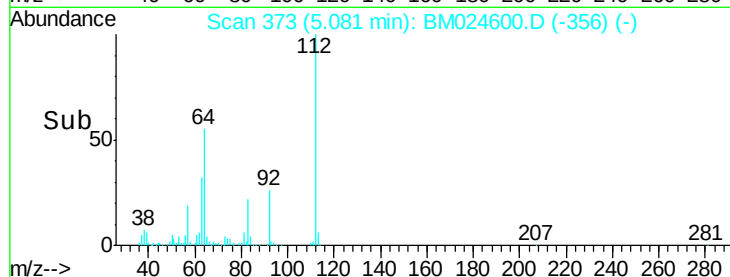
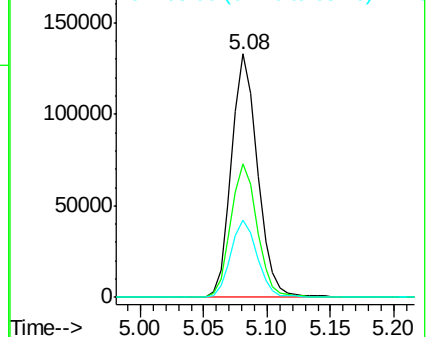
63 31.7 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 9.485 ng

RT: 6.78 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

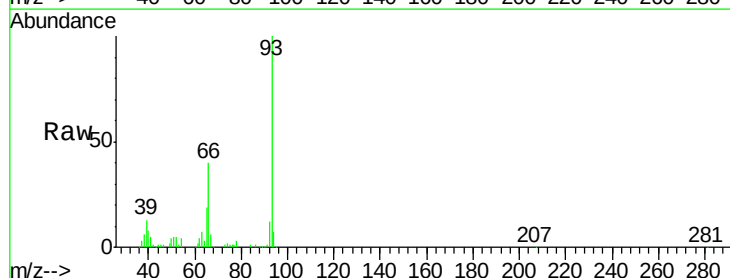
Tgt Ion: 93 Resp: 153057

Ion Ratio Lower Upper

93 100

66 40.3 31.8 47.8

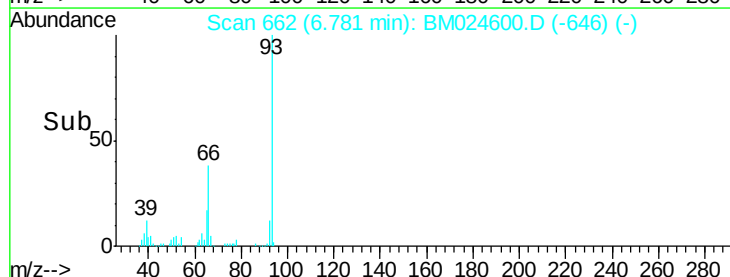
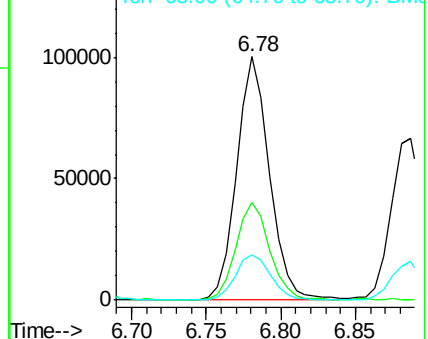
65 18.5 15.8 23.6

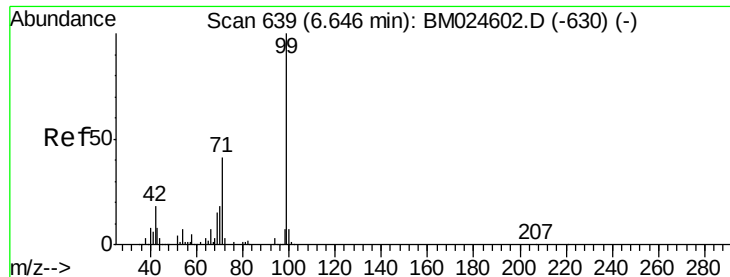


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 19.004 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

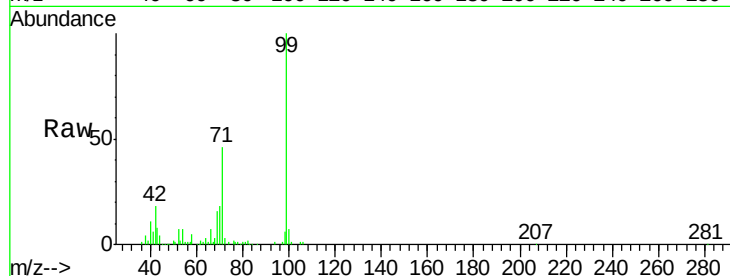
Tot Ion: 99 Resp: 245645

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

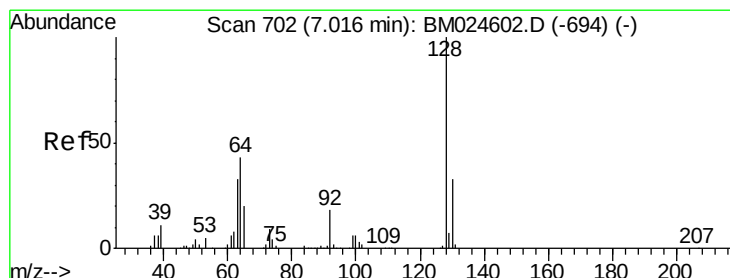
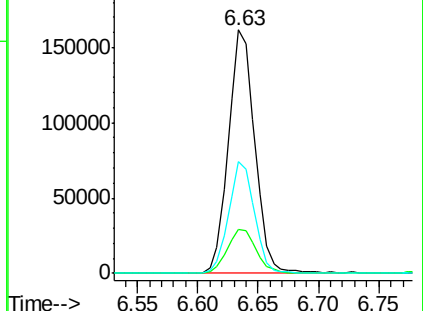
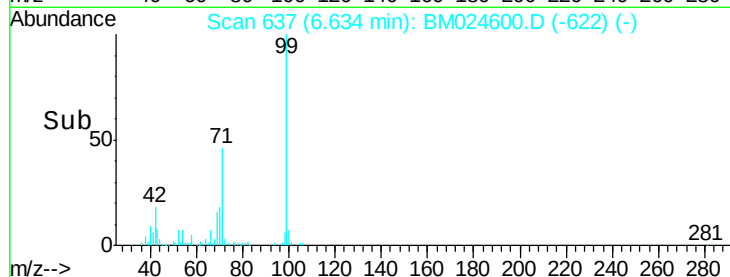
71 46.1 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024600.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024600.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024600.D (-630) (-)



#8

2-Chlorophenol

Concen: 9.817 ng

RT: 7.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

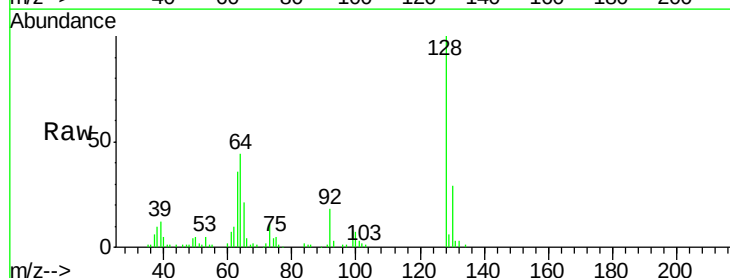
Tgt Ion: 128 Resp: 107058

Ion Ratio Lower Upper

128 100

130 29.2 12.5 52.5

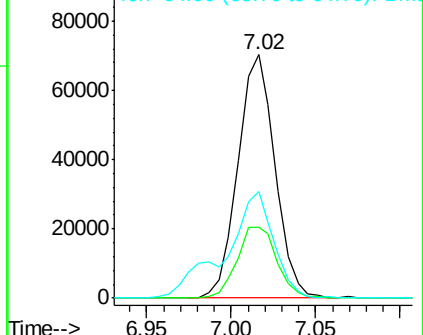
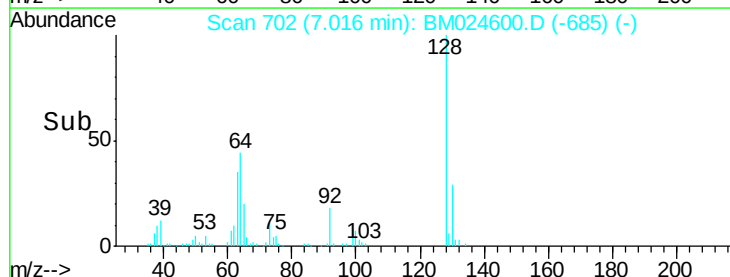
64 43.9 26.1 66.1

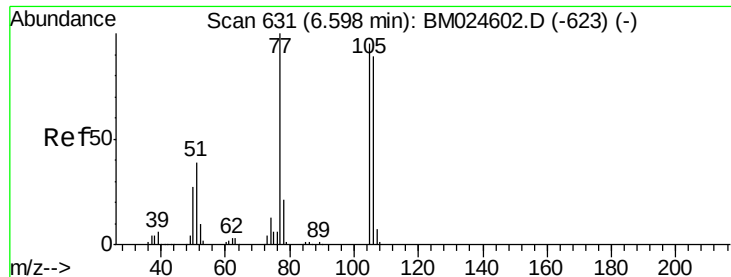


Abundance Ion 128.00 (127.70 to 128.70): BM024600.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024600.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024600.D (-694) (-)





#9

Benzaldehyde

Concen: 13.542 ng

RT: 6.60 min Scan# 631

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

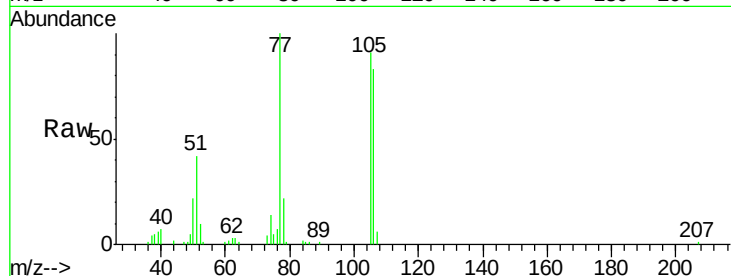
Tot Ion: 77 Resp: 86734

Ion Ratio Lower Upper

77 100

105 90.8 75.2 115.2

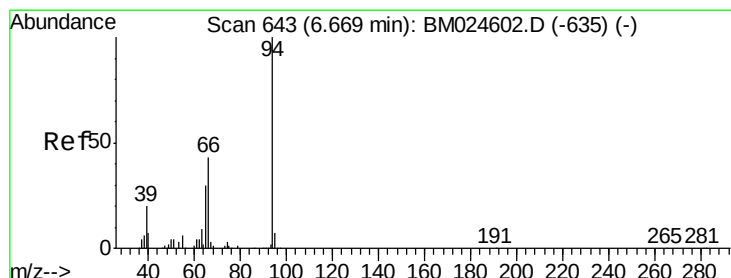
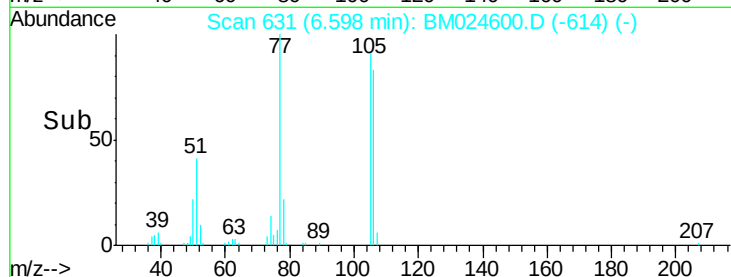
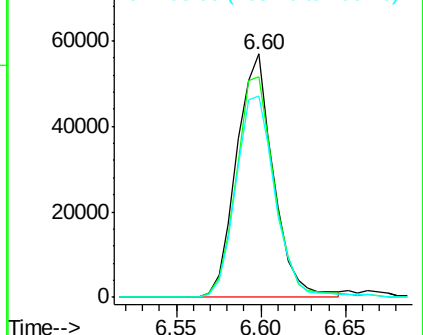
106 83.0 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BM024600.D (-614) (-)

Ion 105.00 (104.70 to 105.70): BM024600.D (-614) (-)

Ion 106.00 (105.70 to 106.70): BM024600.D (-614) (-)



#10

Phenol

Concen: 9.581 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

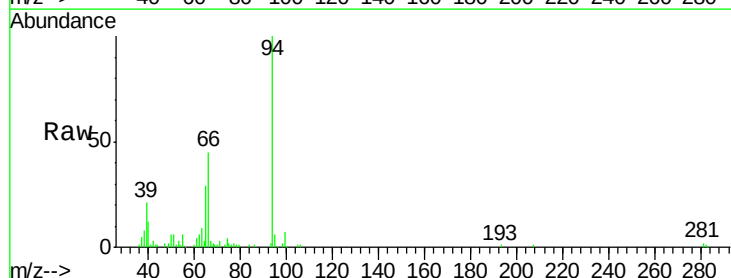
Tgt Ion: 94 Resp: 126827

Ion Ratio Lower Upper

94 100

65 28.9 10.3 50.3

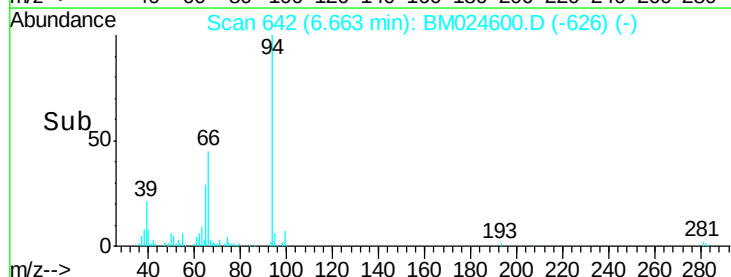
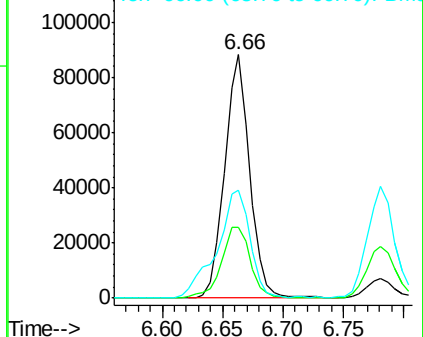
66 44.6 24.8 64.8

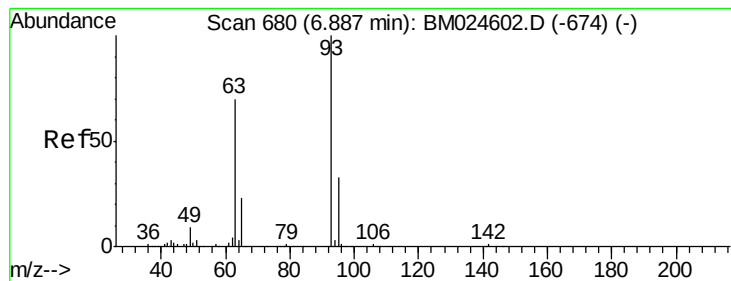


Abundance Ion 94.00 (93.70 to 94.70): BM024600.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024600.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024600.D (-626) (-)

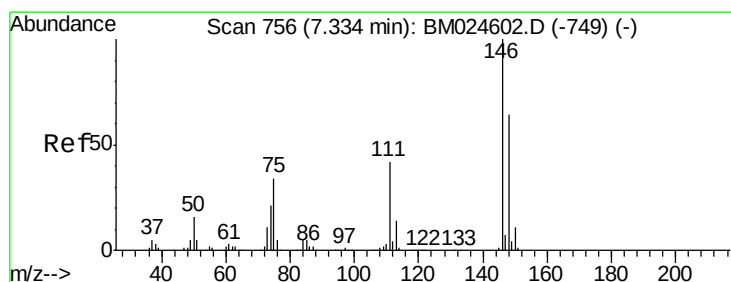
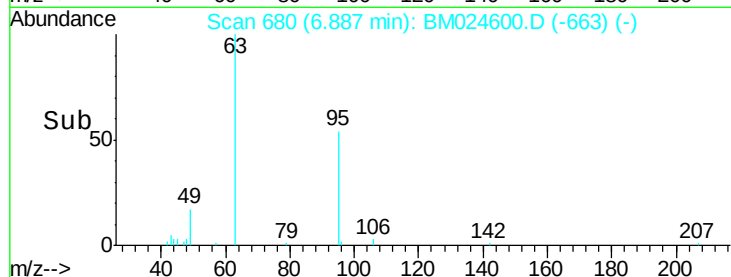
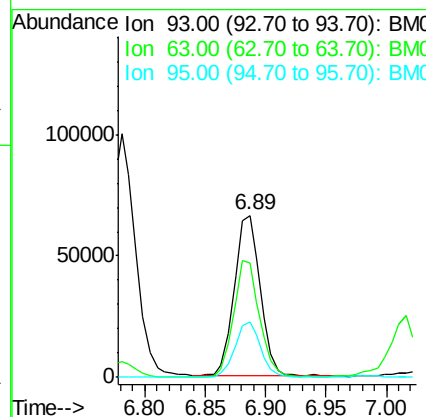
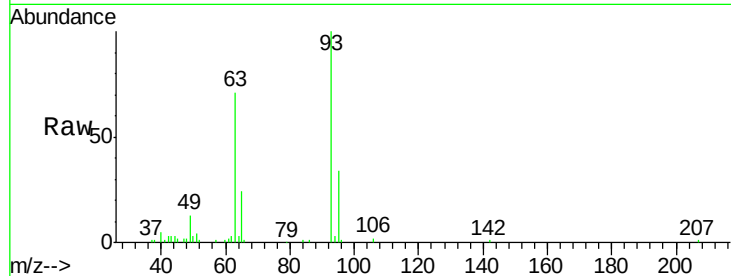




#11
bis(2-Chloroethyl)ether
Concen: 9.431 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

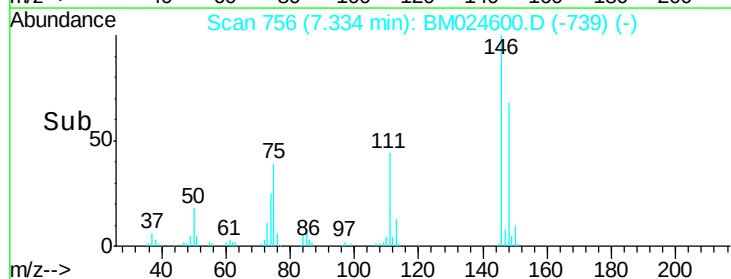
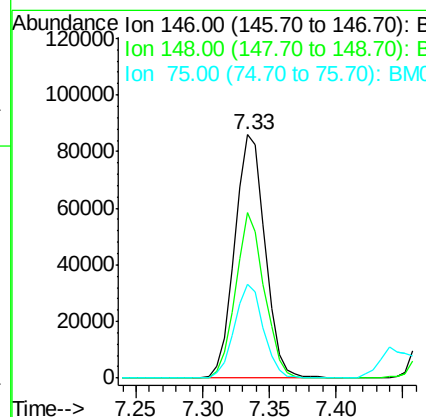
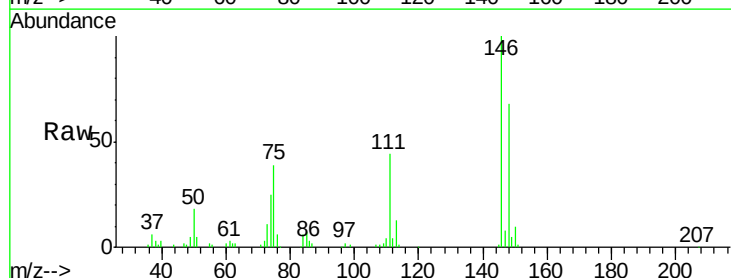
Instrument :
BNA_M
ClientSampled :

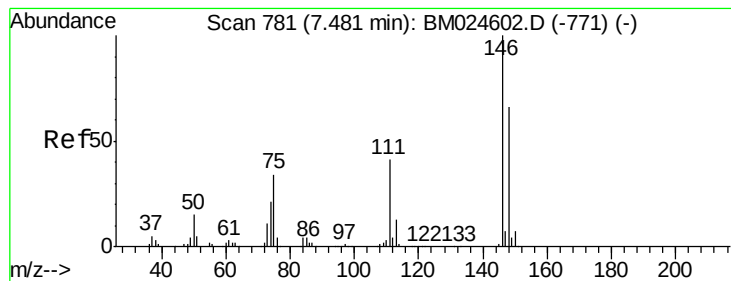
Tot Ion	93	Resp	99576
Ion	Ratio	Lower	Upper
93	100		
63	70.9	49.6	89.6
95	33.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 10.054 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion	146	Resp	136408
Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.0	76.6
75	38.7	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 10.255 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

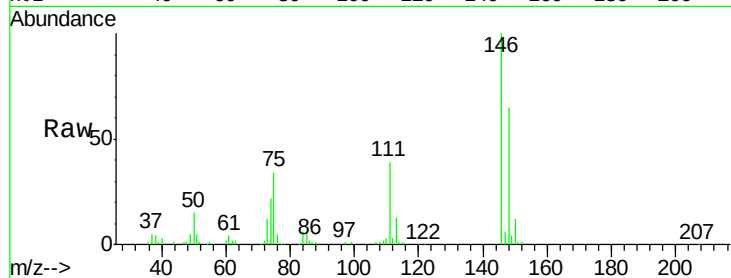
Tot Ion:146 Resp: 140636

Ion Ratio Lower Upper

146 100

148 65.1 52.5 78.7

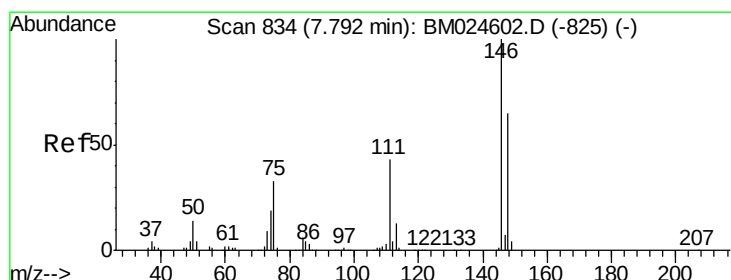
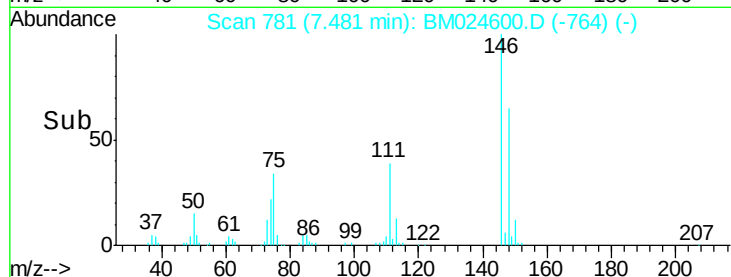
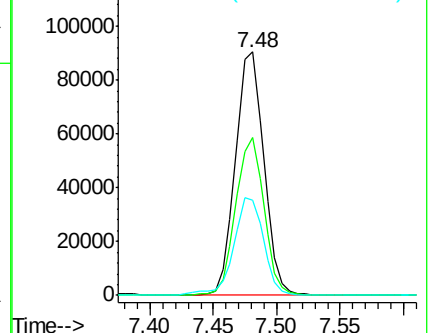
111 39.1 33.0 49.4



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: 10.111 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

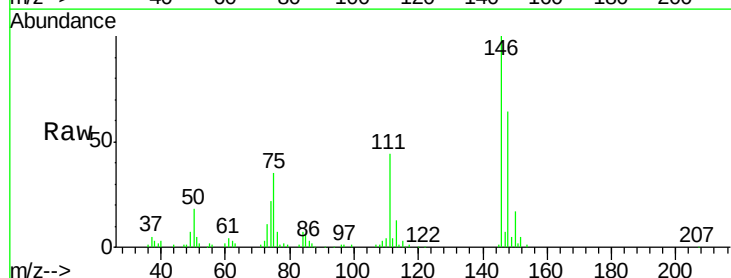
Tgt Ion:146 Resp: 134233

Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

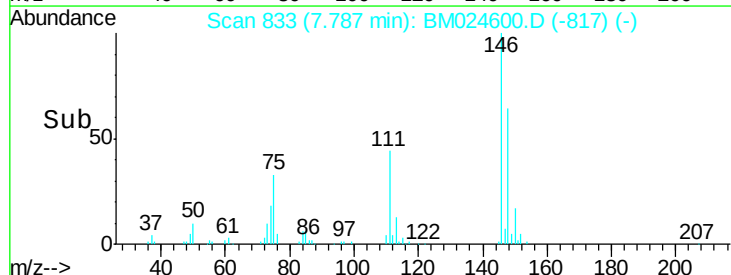
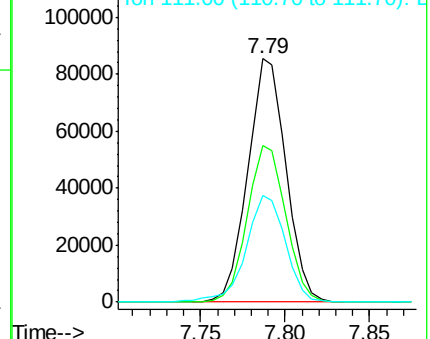
111 43.7 34.5 51.7

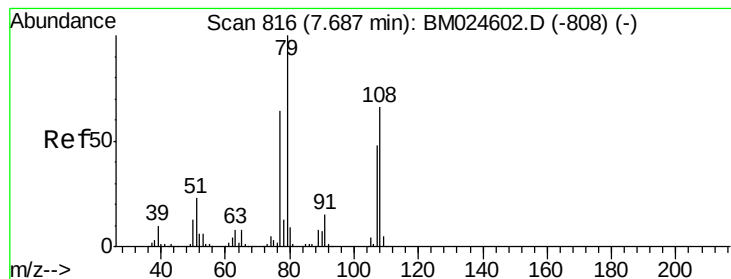


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.065 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

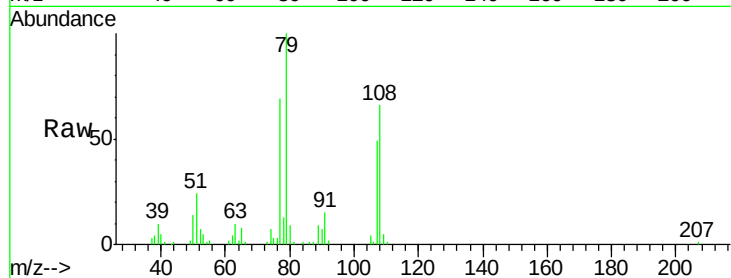
Tot Ion: 79 Resp: 102184

Ion Ratio Lower Upper

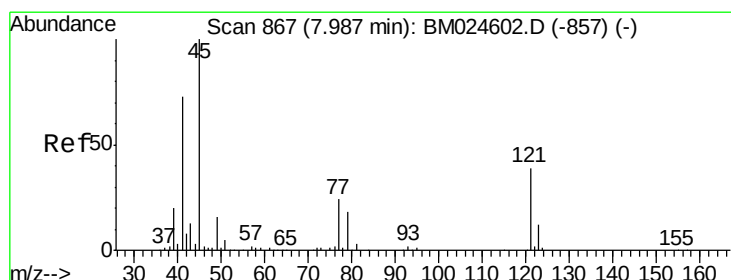
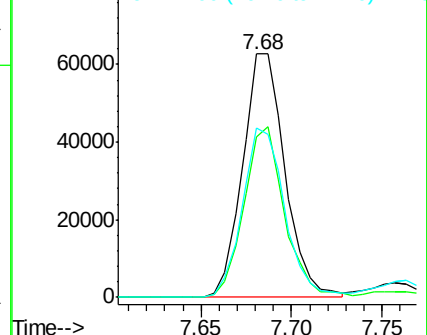
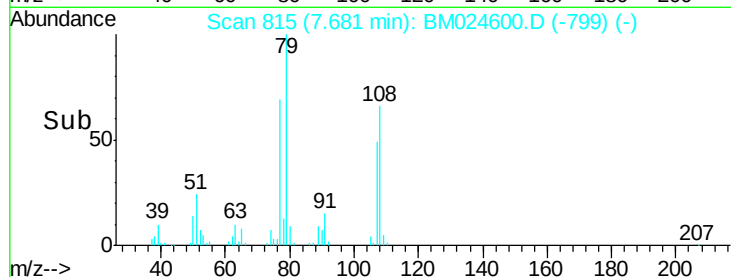
79 100

108 65.9 53.0 79.4

77 69.4 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024600.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.715 ng

RT: 7.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

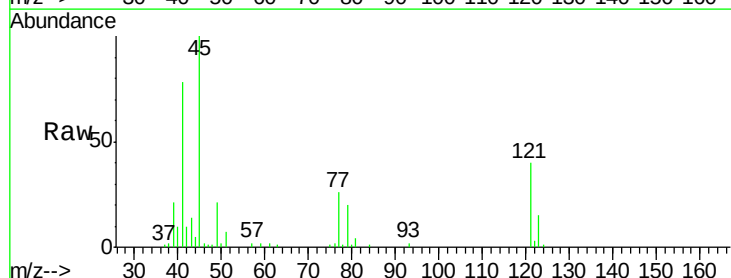
Tgt Ion: 45 Resp: 92672

Ion Ratio Lower Upper

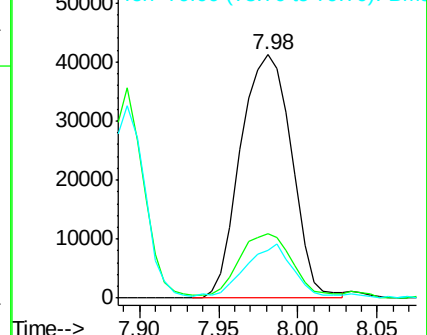
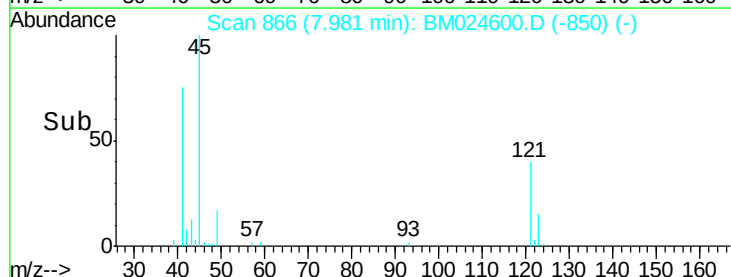
45 100

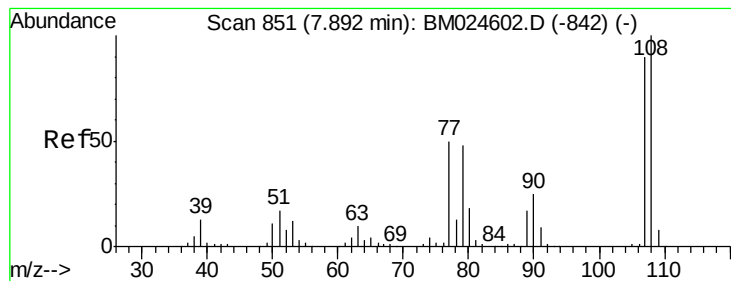
77 26.5 5.2 45.2

79 19.7 0.0 39.4



Abundance Ion 45.00 (44.70 to 45.70): BM024600.D (-850) (-)

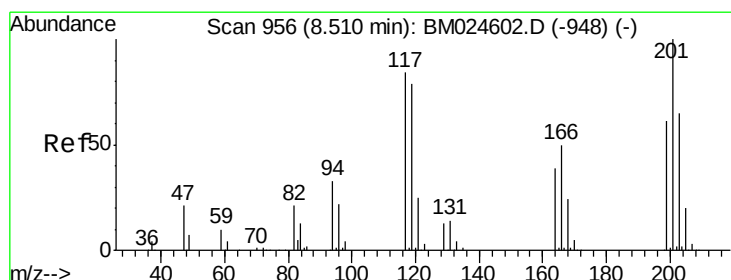
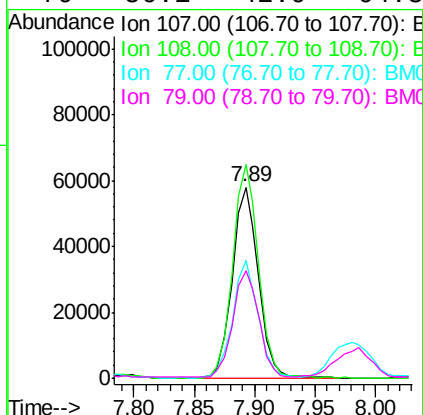
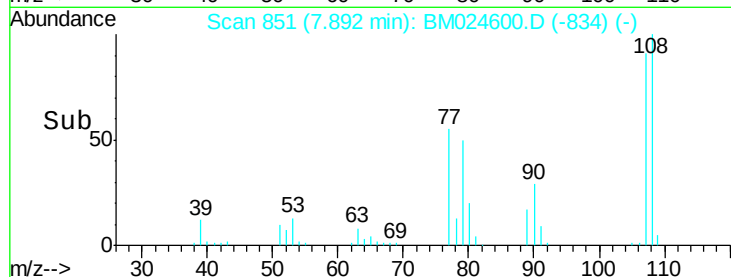
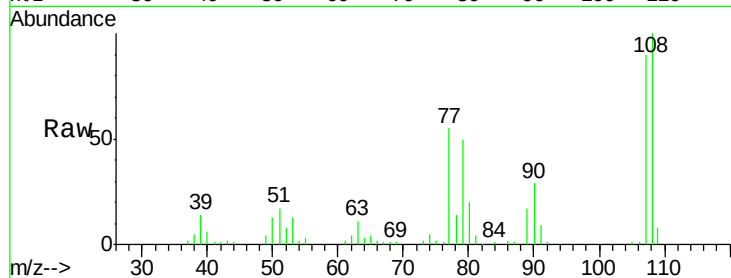




#17
2-Methylphenol
Concen: 9.685 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

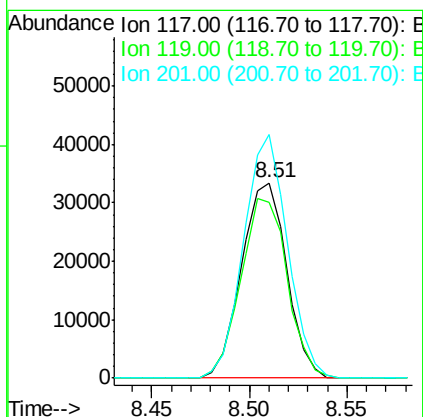
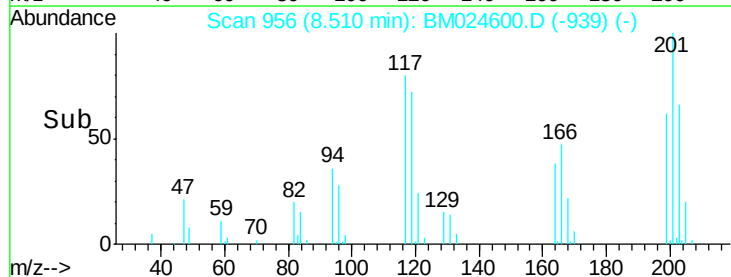
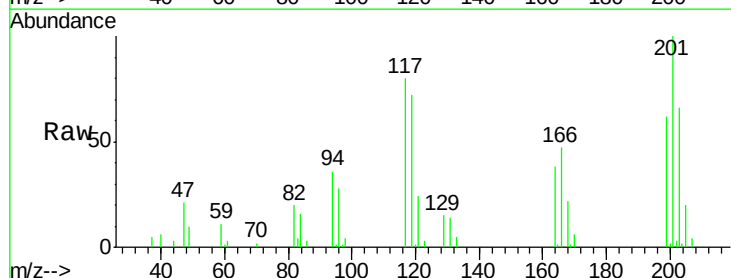
Instrument :
BNA_M
ClientSampled :

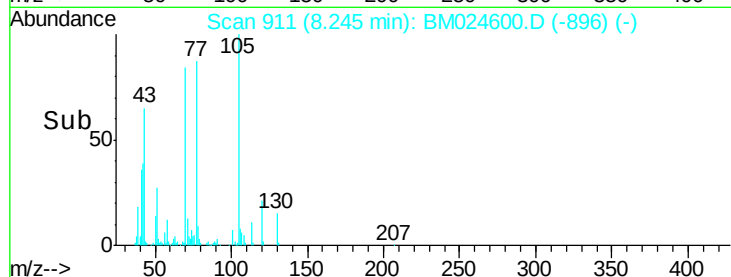
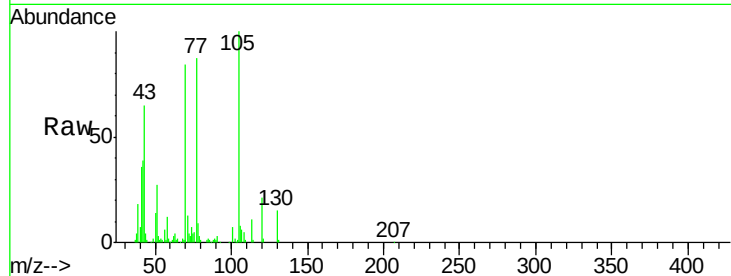
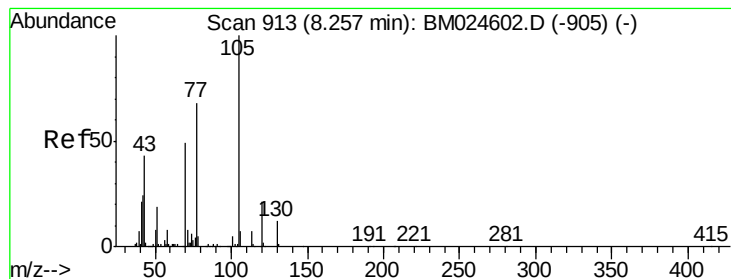
Tot Ion:107 Resp: 87648
Ion Ratio Lower Upper
107 100
108 111.6 88.9 133.3
77 61.5 44.5 66.7
79 56.1 42.9 64.3



#18
Hexachloroethane
Concen: 10.554 ng
RT: 8.51 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion:117 Resp: 53602
Ion Ratio Lower Upper
117 100
119 90.2 75.4 113.2
201 124.8 95.8 143.6





#19

n-Nitroso-di-n-propylamine

Concen: 10.479 ng

RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 97358

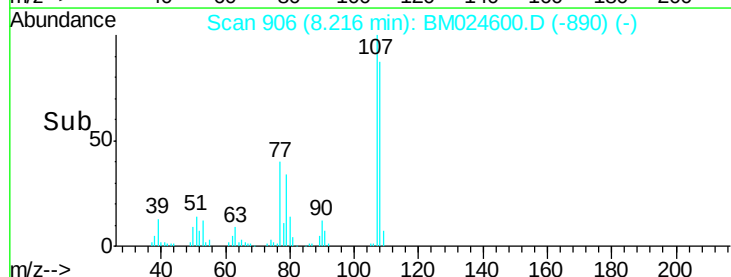
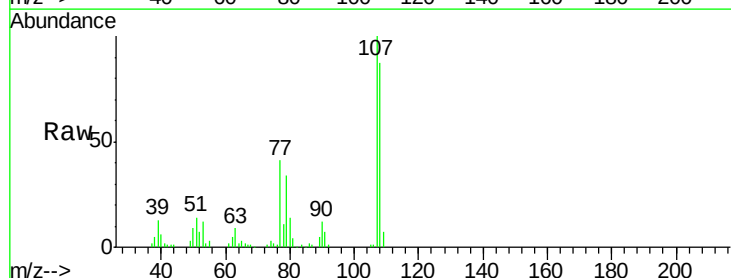
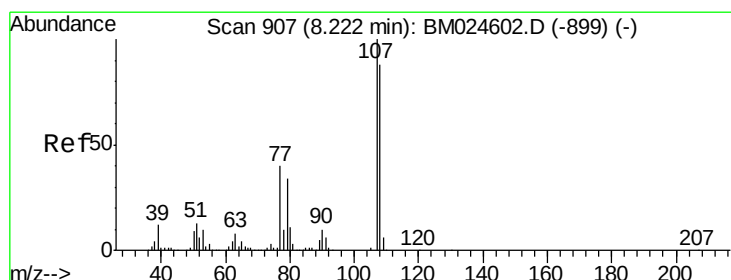
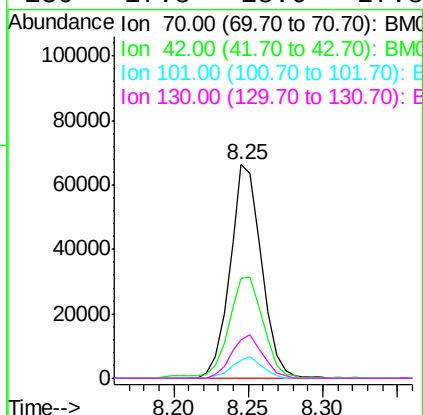
Ion Ratio Lower Upper

70 100

42 46.7 40.0 60.0

101 8.5 8.2 12.2

130 17.8 18.6 27.8#



#20

3+4-Methylphenols

Concen: 9.623 ng

RT: 8.22 min Scan# 906

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Tgt Ion:107 Resp: 118967

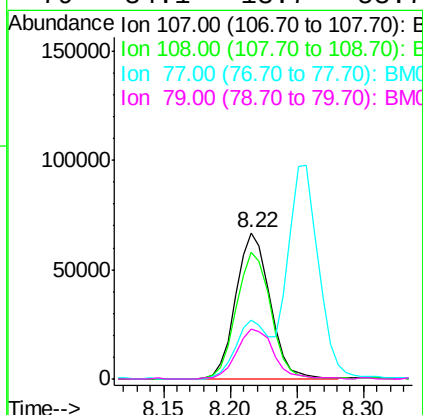
Ion Ratio Lower Upper

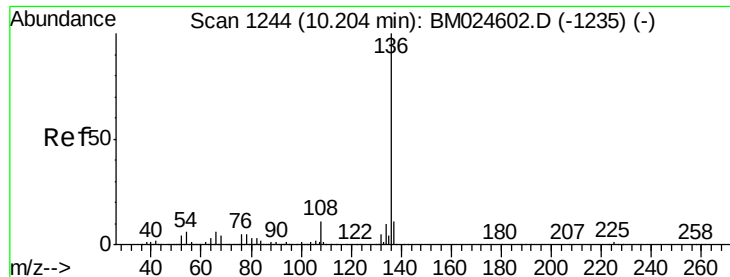
107 100

108 87.1 68.0 108.0

77 40.5 19.9 59.9

79 34.1 13.7 53.7

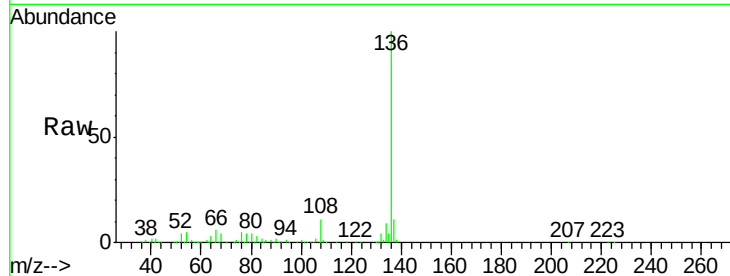




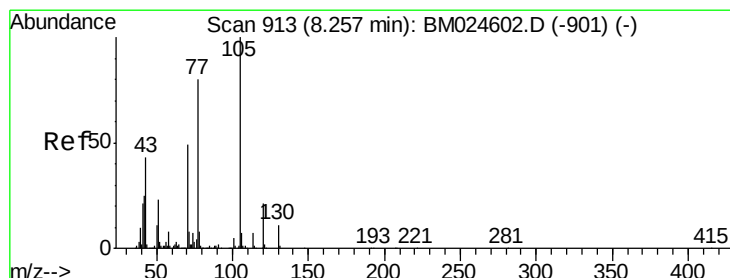
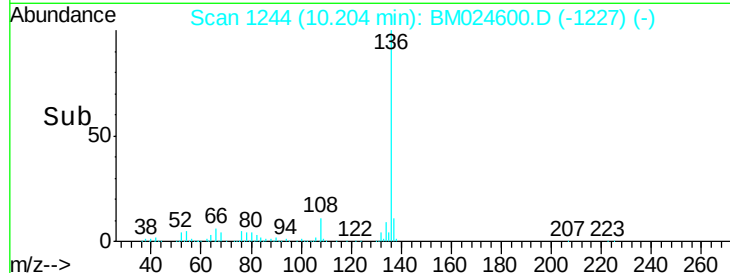
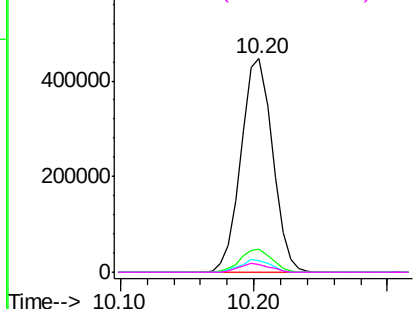
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 729380
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 5.4	4.5 6.7
68 3.9	3.4 5.0

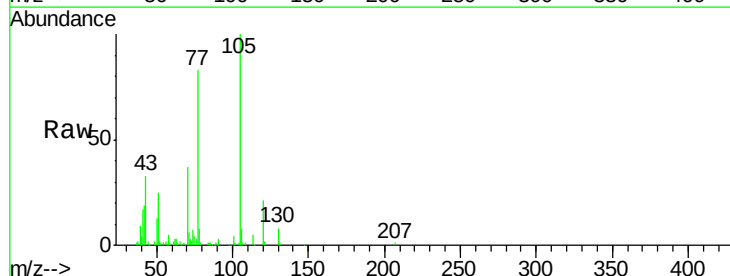


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

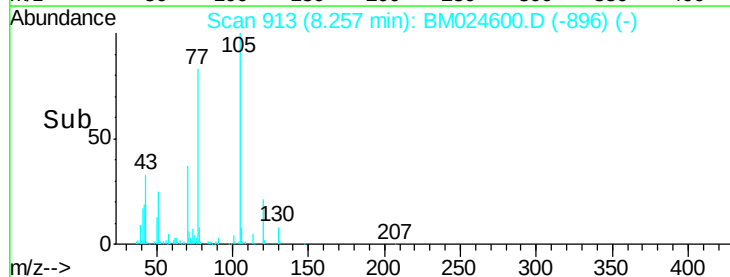
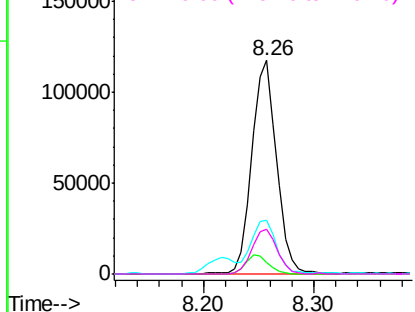


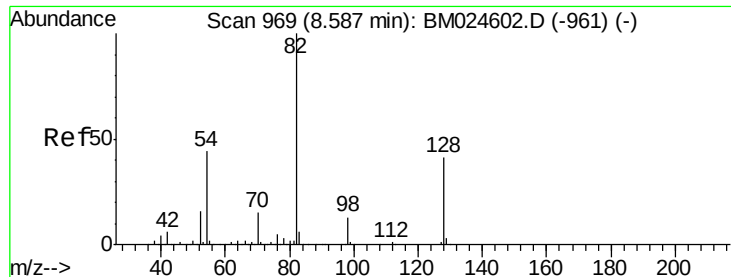
#22
Acetophenone
Concen: 9.133 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt	Ion:105	Resp:	186194
Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.7	10.1#
51	25.5	18.5	27.7
120	20.8	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

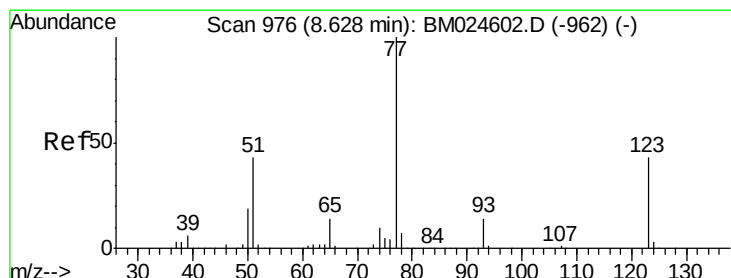
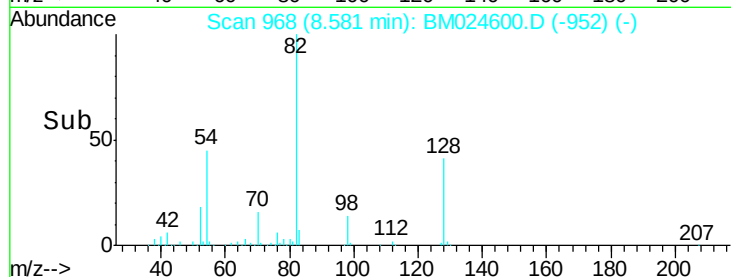
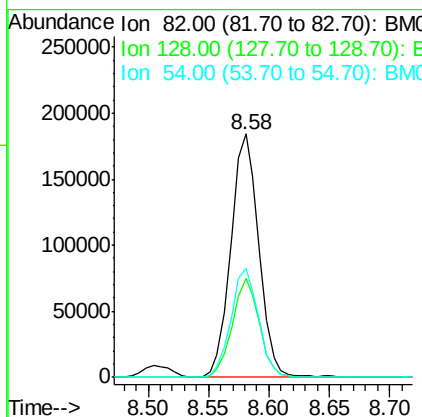
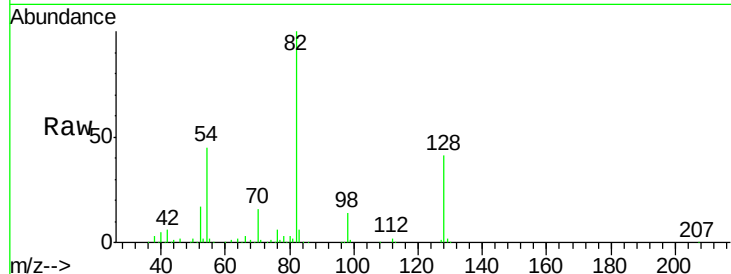




#23
 Nitrobenzene-d5
 Concen: 19.522 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

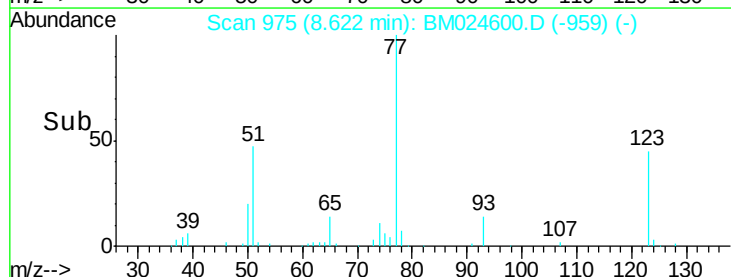
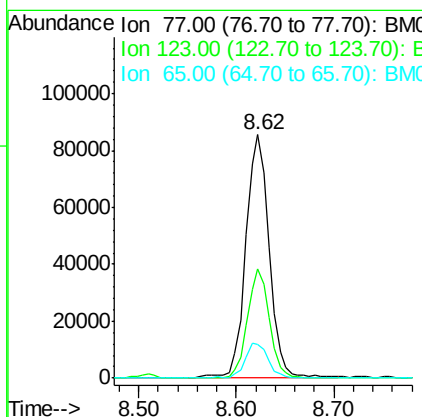
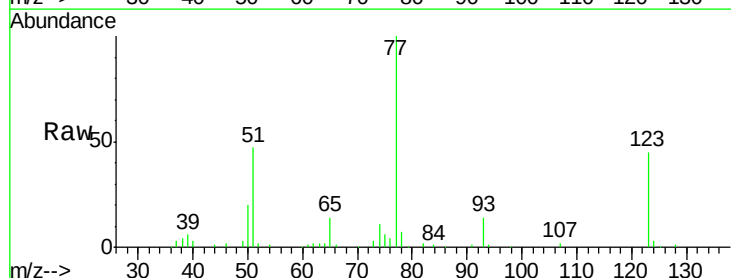
Instrument :
 BNA_M
 ClientSampled :

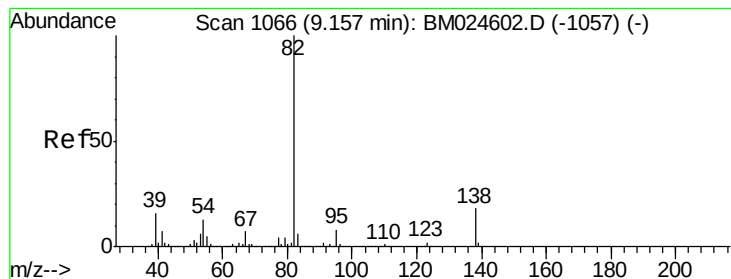
Tot Ion	82	Resp	294899
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.6	48.8
54	45.0	34.8	52.2



#24
 Nitrobenzene
 Concen: 9.741 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion	77	Resp	144191
Ion Ratio	Lower	Upper	
77	100		
123	45.0	34.6	52.0
65	14.1	11.0	16.4





#25

Isophorone

Concen: 9.874 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

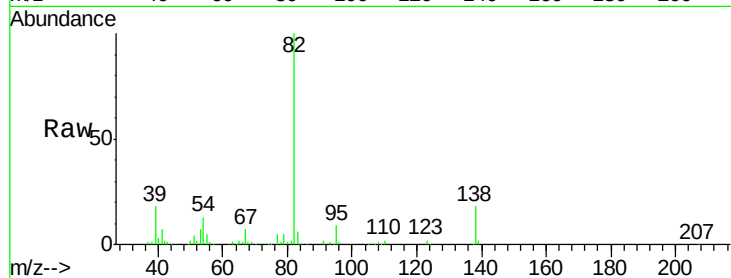
Tot Ion: 82 Resp: 249904

Ion Ratio Lower Upper

82 100

95 9.0 6.7 10.1

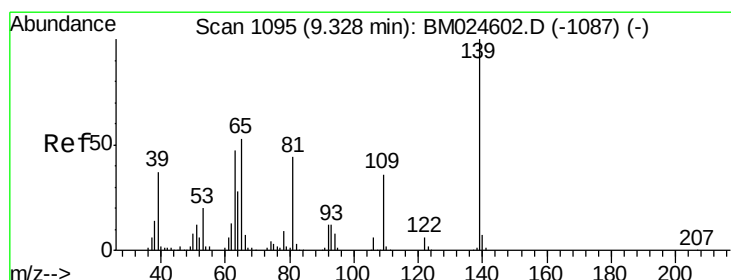
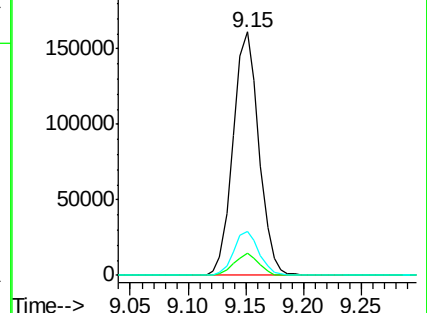
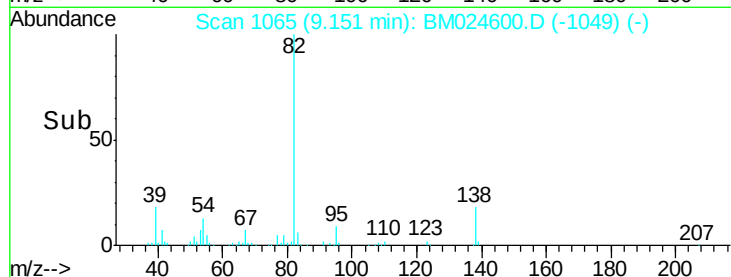
138 17.9 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024600.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024600.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024600.D (-1057) (-)



#26

2-Nitrophenol

Concen: 11.353 ng

RT: 9.33 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

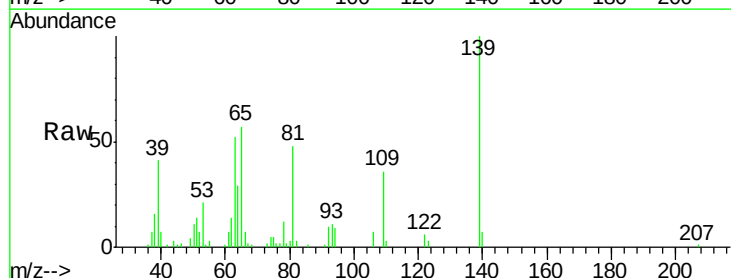
Tgt Ion: 139 Resp: 58827

Ion Ratio Lower Upper

139 100

109 36.3 28.8 43.2

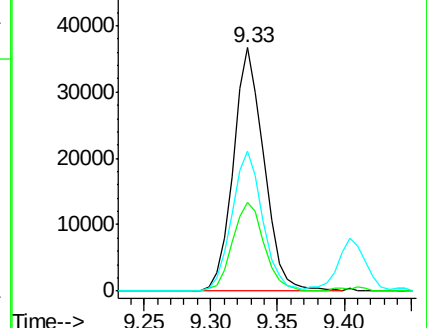
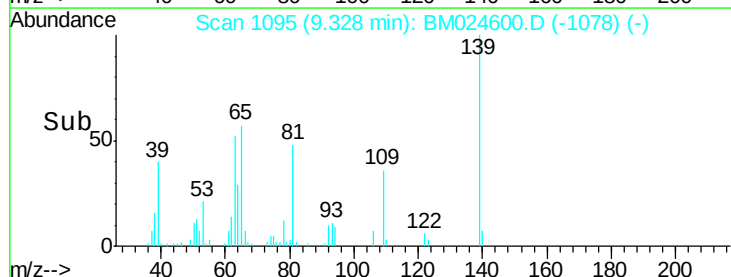
65 57.4 42.6 63.8

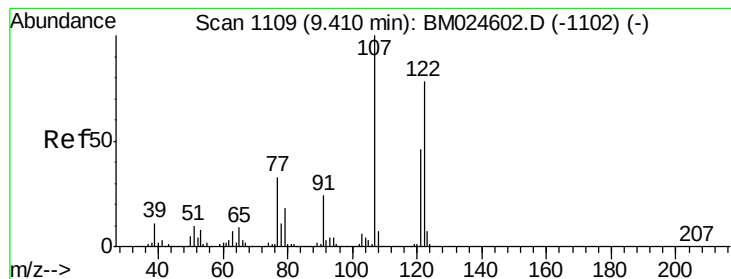


Abundance Ion 139.00 (138.70 to 139.70): BM024600.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024600.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024600.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 9.668 ng

RT: 9.40 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

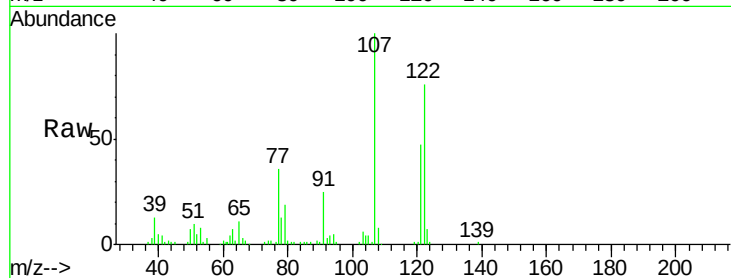
Tot Ion:122 Resp: 86344

Ion Ratio Lower Upper

122 100

107 131.5 102.5 153.7

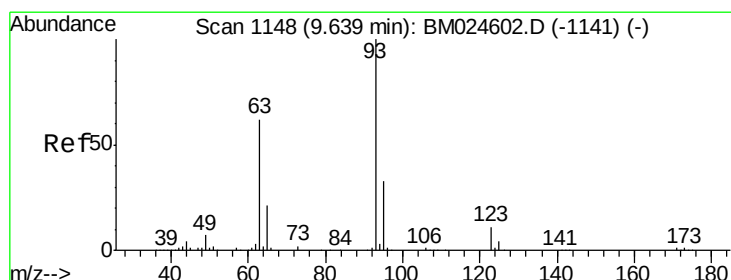
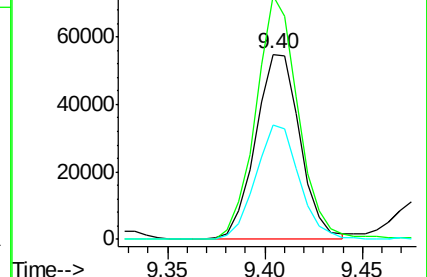
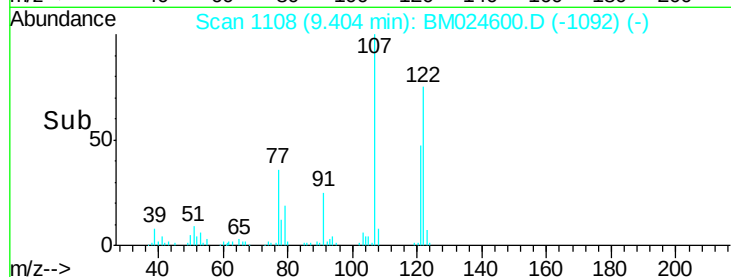
121 61.5 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.899 ng

RT: 9.64 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

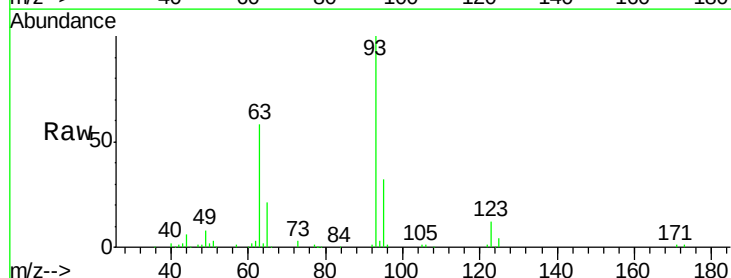
Tgt Ion: 93 Resp: 153715

Ion Ratio Lower Upper

93 100

95 31.8 26.1 39.1

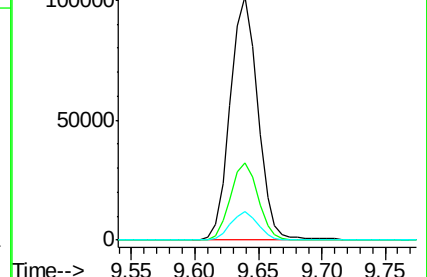
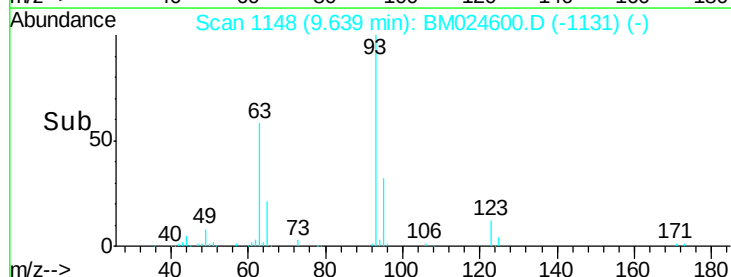
123 11.9 8.7 13.1

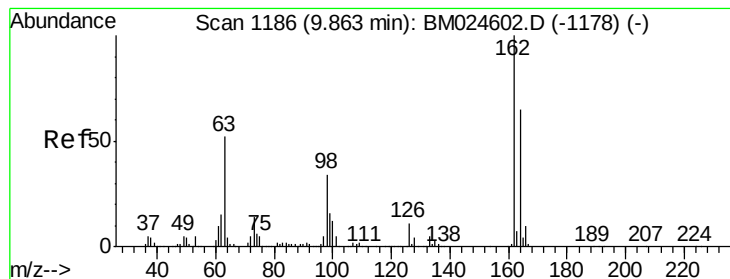


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 9.975 ng

RT: 9.86 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

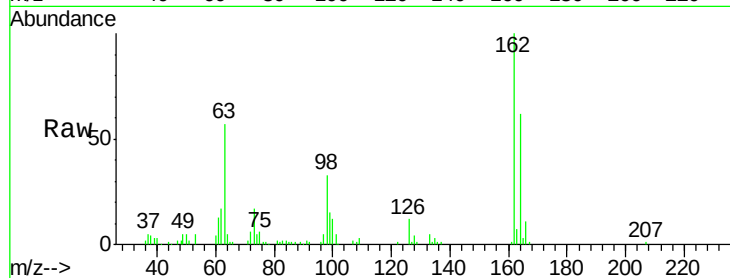
Tot Ion:162 Resp: 116950

Ion Ratio Lower Upper

162 100

164 61.8 44.5 84.5

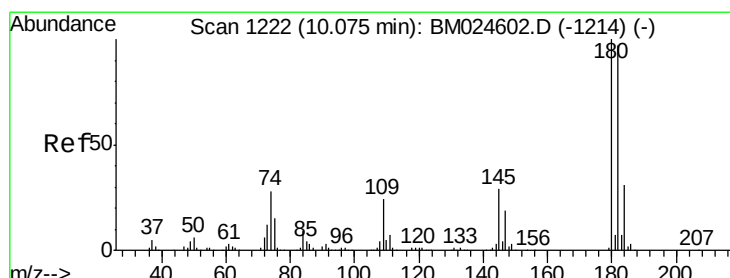
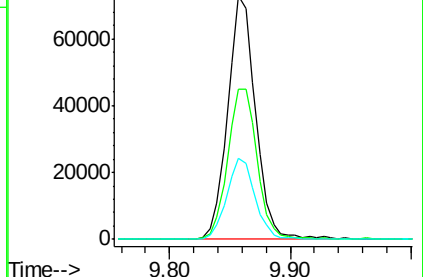
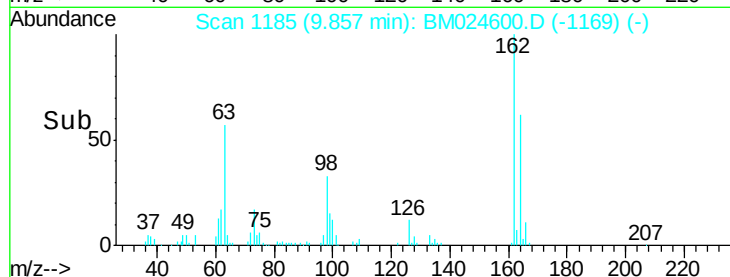
98 33.1 14.2 54.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 10.708 ng

RT: 10.07 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

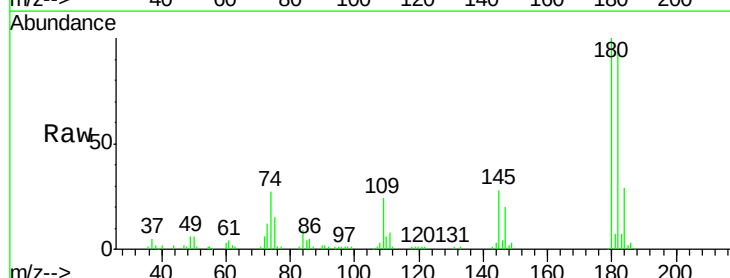
Tgt Ion:180 Resp: 152984

Ion Ratio Lower Upper

180 100

182 94.0 77.8 116.6

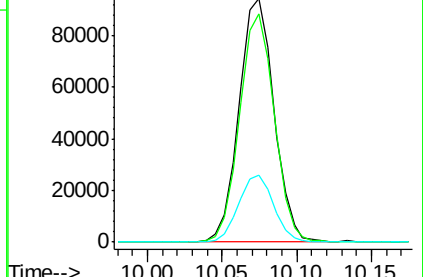
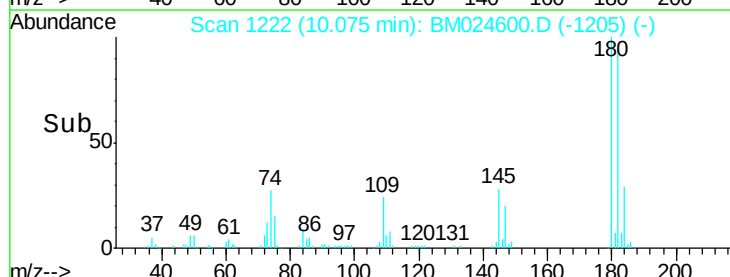
145 27.7 22.9 34.3

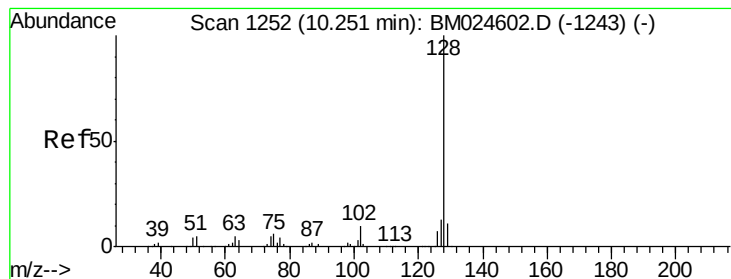


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.415 ng

RT: 10.25 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

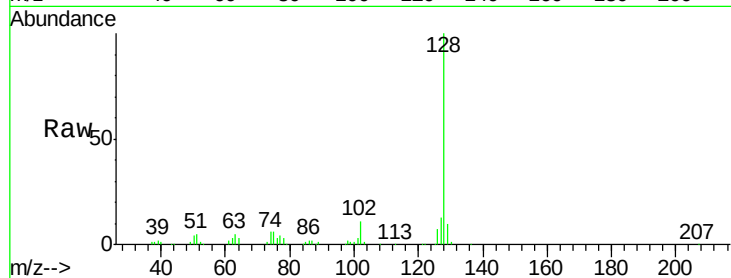
Tot Ion:128 Resp: 370889

Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

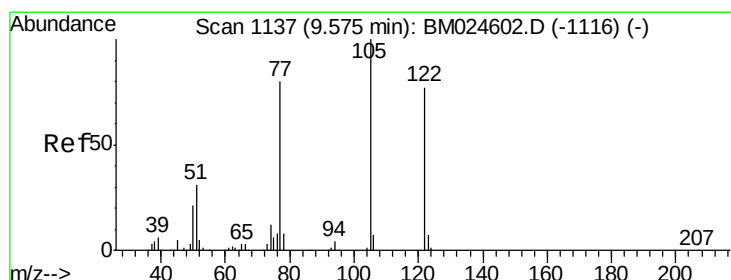
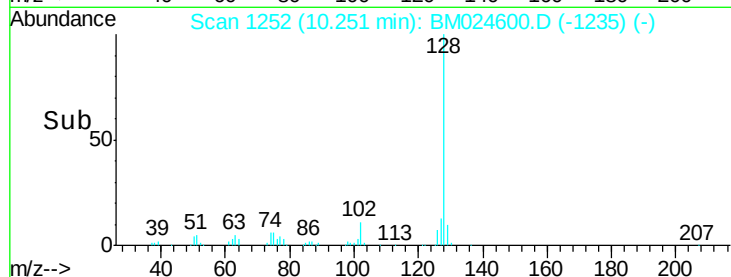
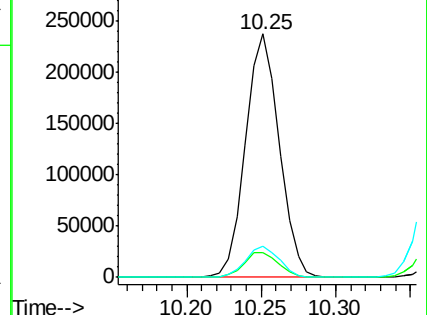
127 12.9 10.6 15.8



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: 6.203 ng

RT: 9.50 min Scan# 1124

Delta R.T. -0.08 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

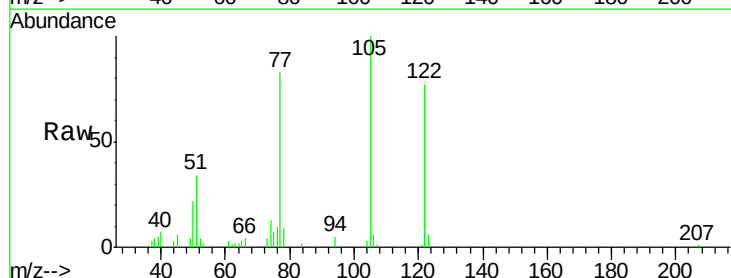
Tgt Ion:122 Resp: 35617

Ion Ratio Lower Upper

122 100

105 129.4 107.7 147.7

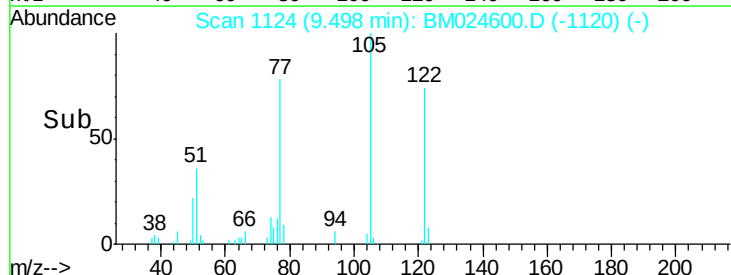
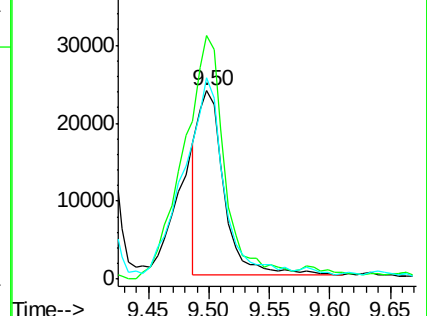
77 107.3 83.8 123.8

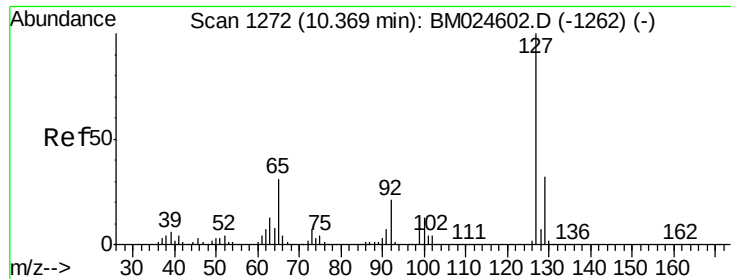


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

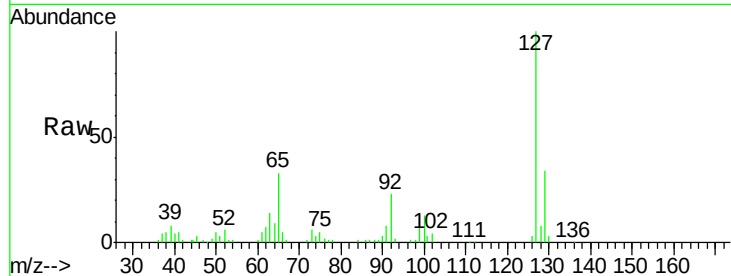




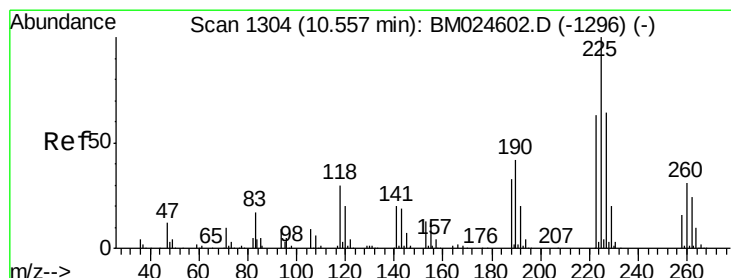
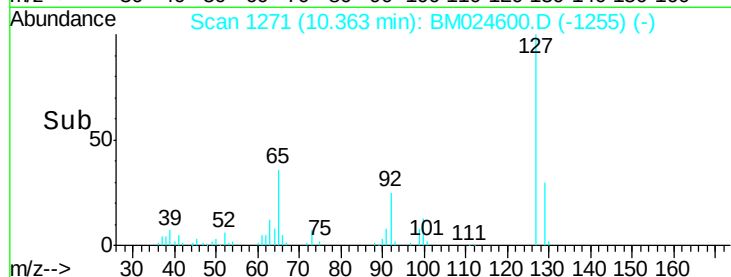
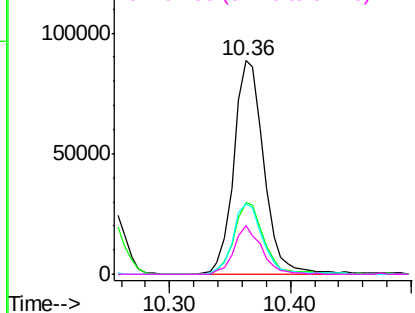
#33
4-Chloroaniline
Concen: 8.829 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	154211
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.9	38.9
65	33.2	25.1	37.7
92	22.9	16.6	25.0

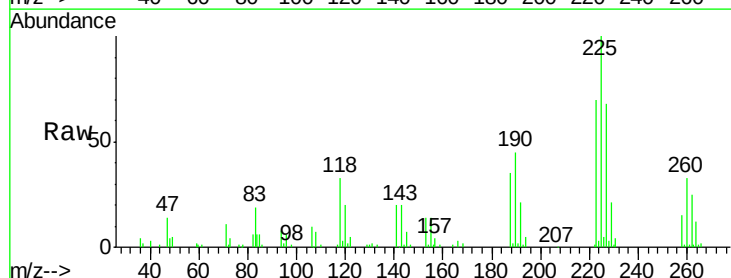


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

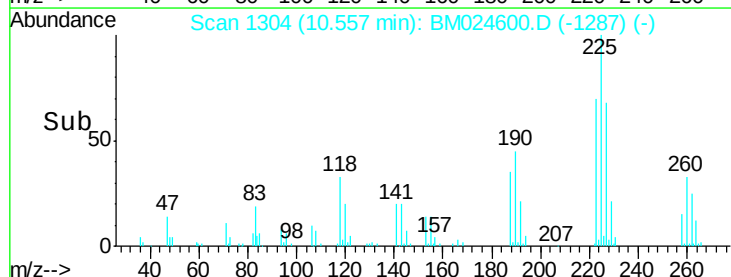
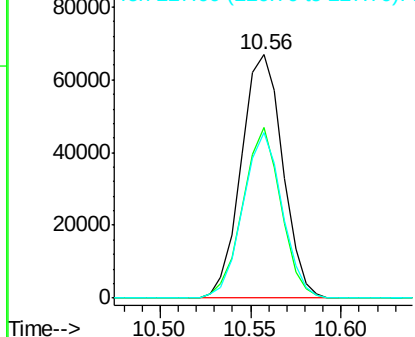


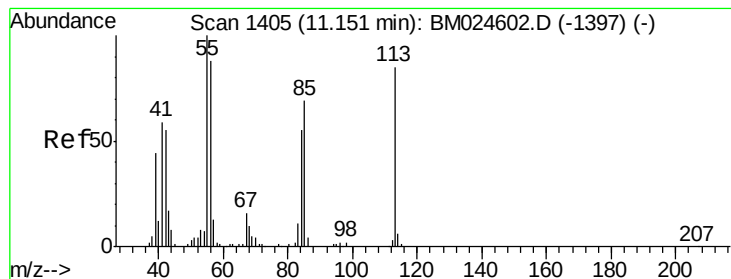
#34
Hexachlorobutadiene
Concen: 11.284 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion:	225	Resp:	106467
Ion	Ratio	Lower	Upper
225	100		
223	70.0	50.7	76.1
227	67.9	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: 9.780 ng

RT: 11.12 min Scan# 1399

Delta R.T. -0.04 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

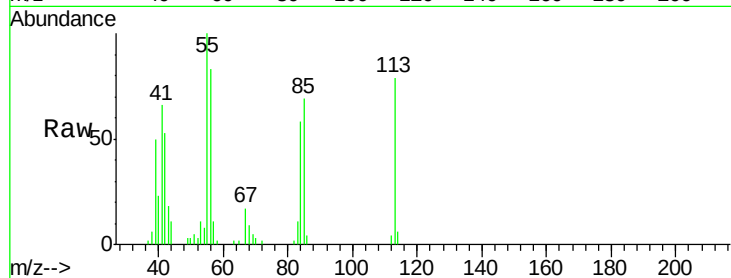
Tot Ion:113 Resp: 34954

Ion Ratio Lower Upper

113 100

55 125.9 97.5 137.5

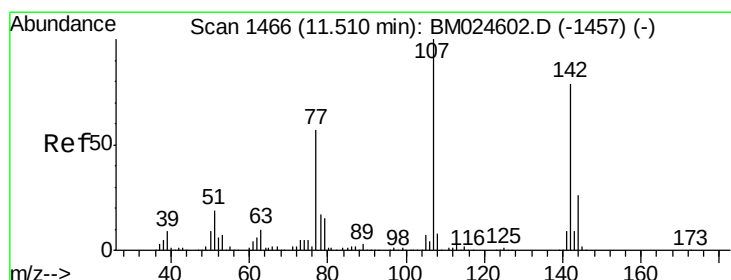
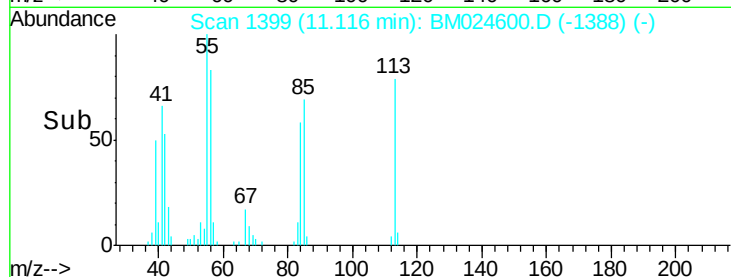
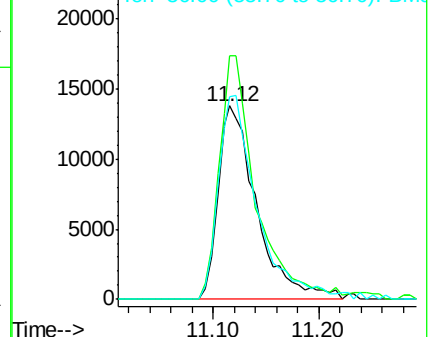
56 105.0 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 10.017 ng

RT: 11.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

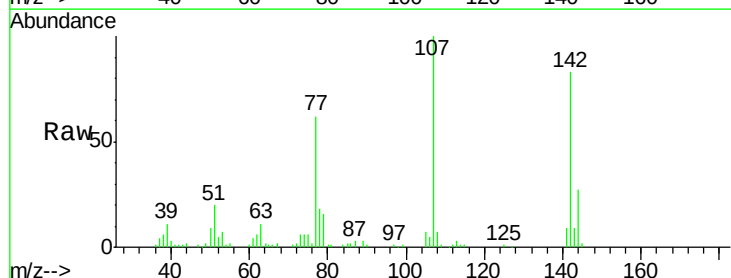
Tgt Ion:107 Resp: 123114

Ion Ratio Lower Upper

107 100

144 27.2 20.5 30.7

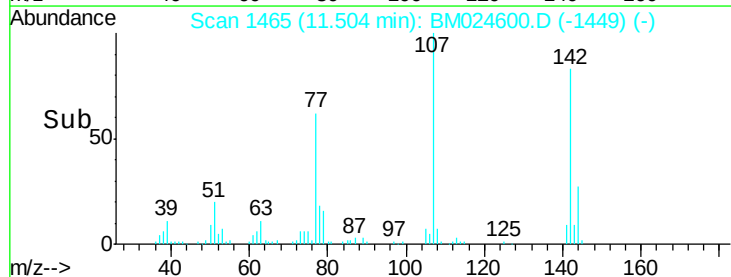
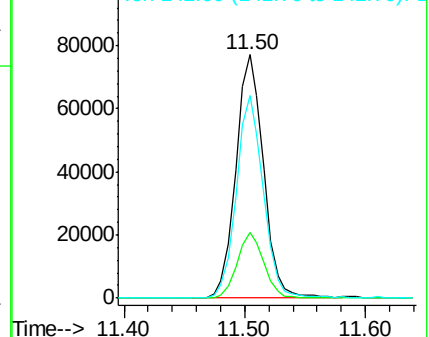
142 83.1 62.8 94.2

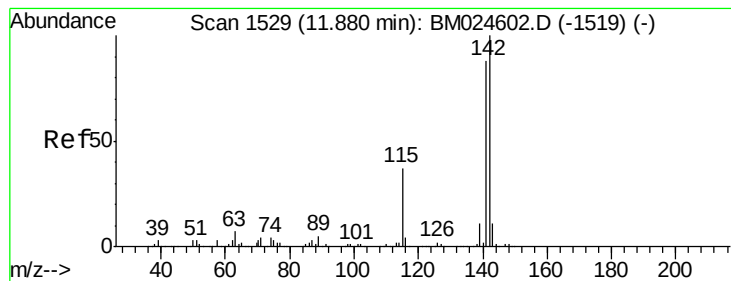


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 9.723 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

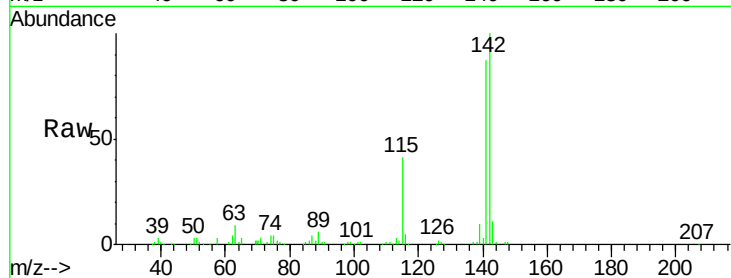
Tot Ion:142 Resp: 280602

Ion Ratio Lower Upper

142 100

141 87.2 70.2 105.2

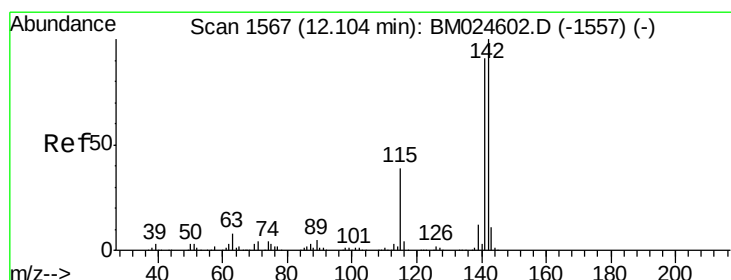
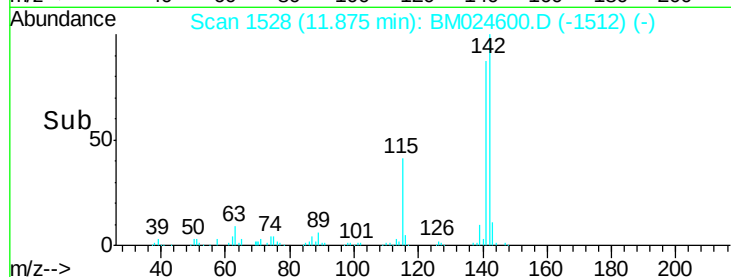
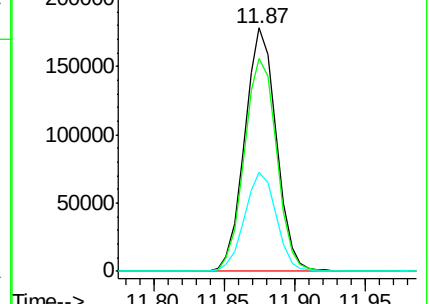
115 40.5 29.7 44.5



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: 9.903 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

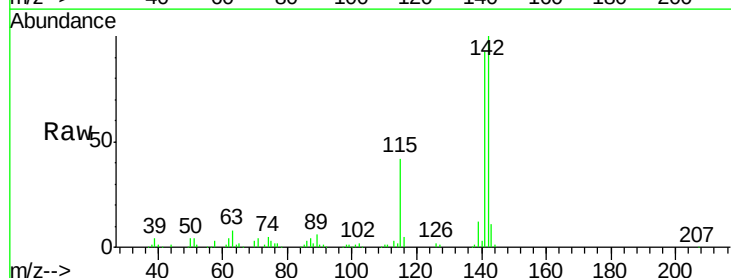
Tgt Ion:142 Resp: 272287

Ion Ratio Lower Upper

142 100

141 93.2 72.8 109.2

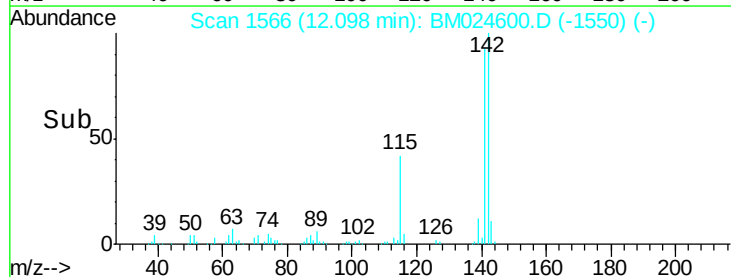
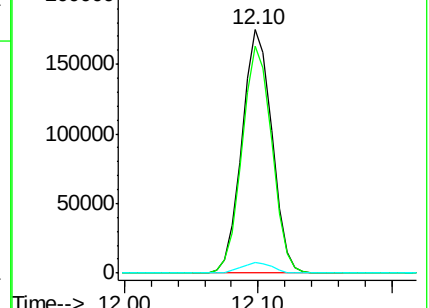
116 4.6 3.2 4.8

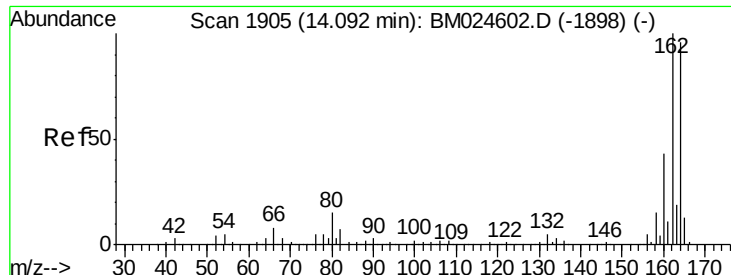


Abundance Ion 142.00 (141.70 to 142.70): E

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: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

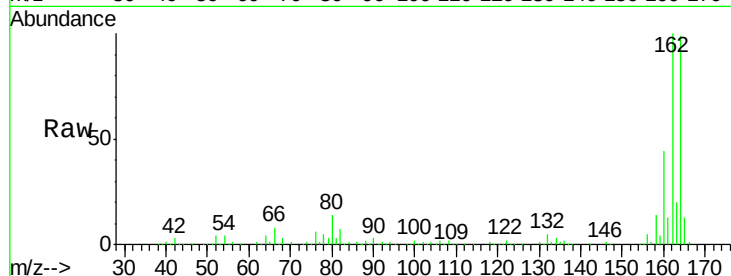
Tot Ion:164 Resp: 536053

Ion Ratio Lower Upper

164 100

162 101.0 82.9 124.3

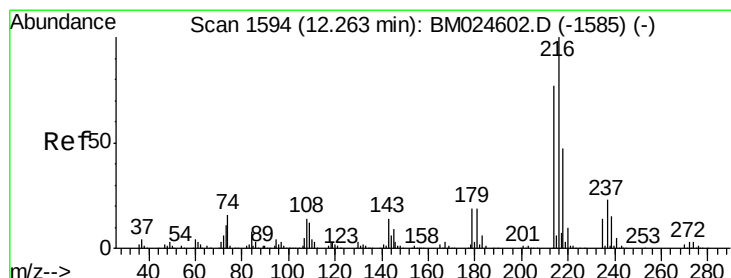
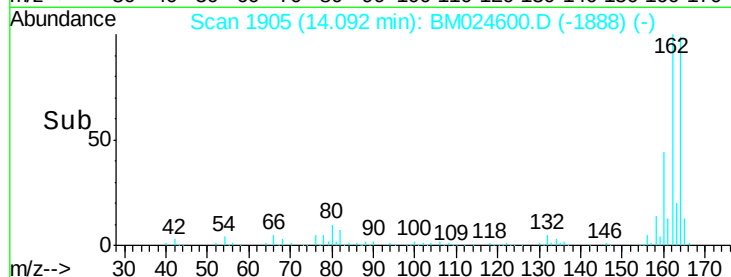
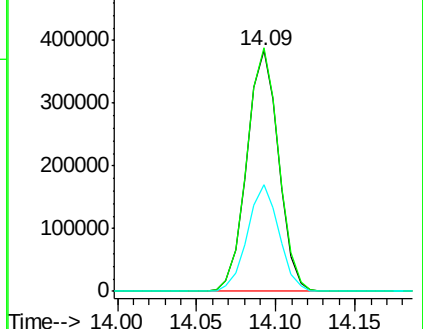
160 44.3 35.5 53.3



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: 10.155 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Tgt Ion:216 Resp: 190177

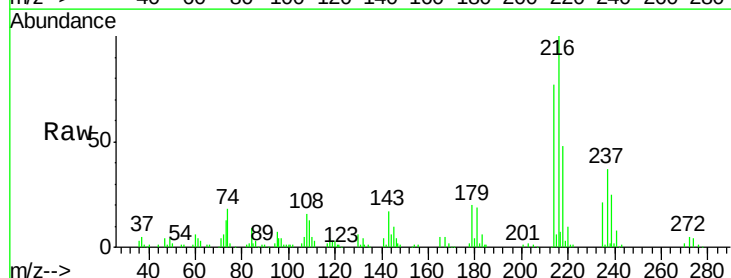
Ion Ratio Lower Upper

216 100

214 76.1 62.3 93.5

179 20.4 16.1 24.1

108 16.1 13.0 19.6

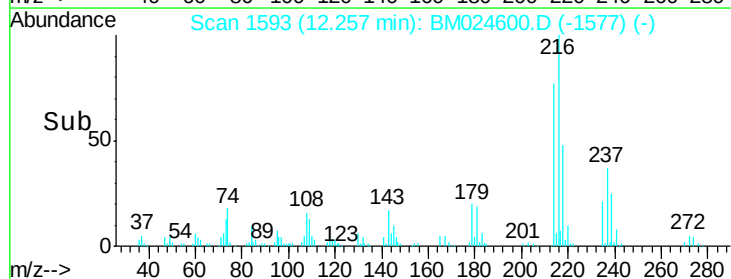
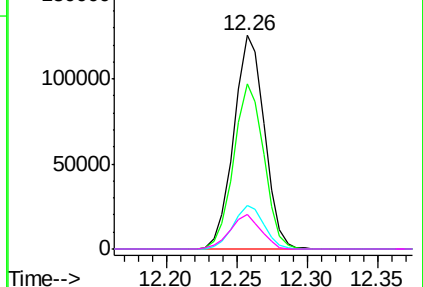


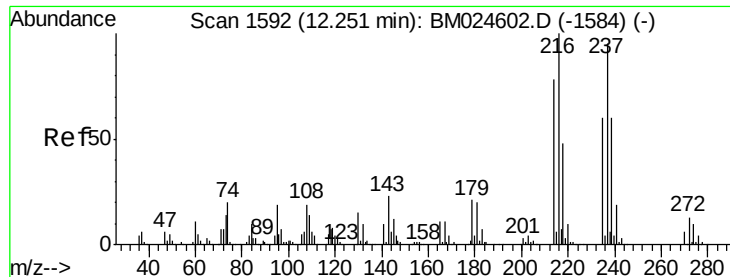
Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.083 ng

RT: 12.25 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

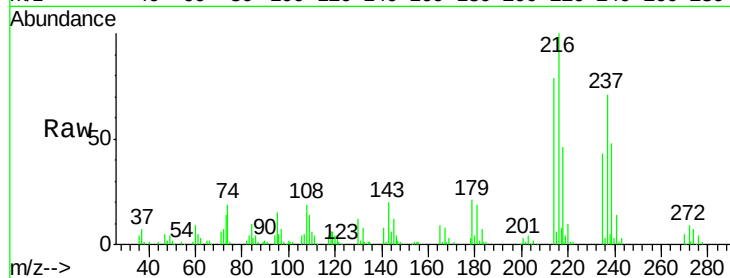
Tot Ion:237 Resp: 104243

Ion Ratio Lower Upper

237 100

235 61.4 43.3 83.3

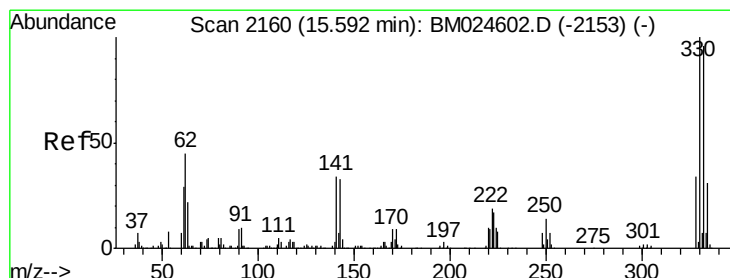
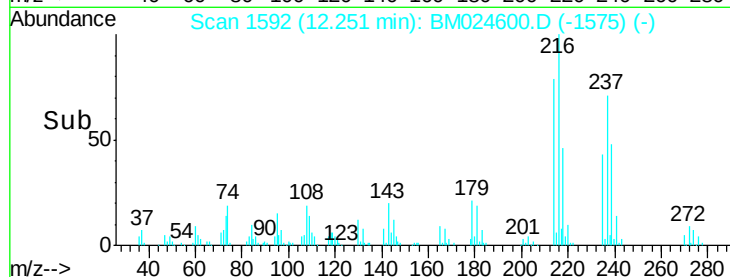
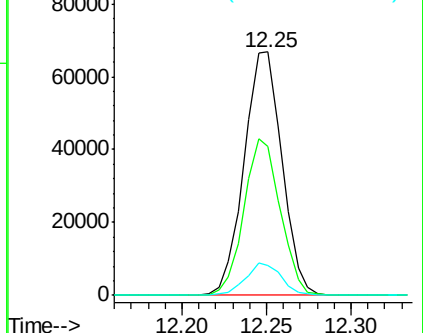
272 12.4 0.0 33.4



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: 23.094 ng

RT: 15.59 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

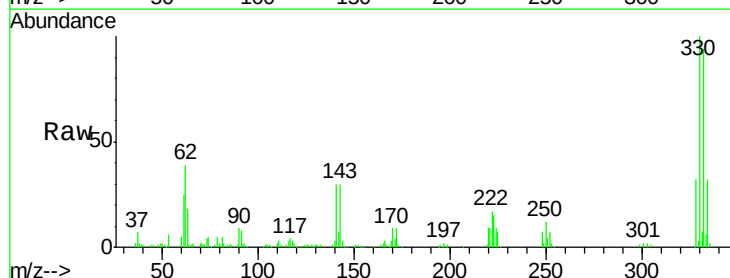
Tgt Ion:330 Resp: 170259

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

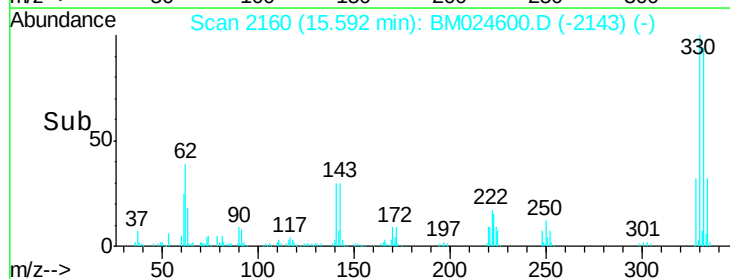
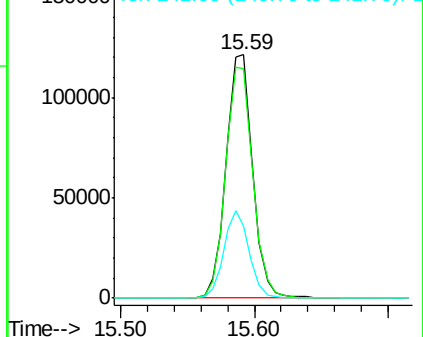
141 33.8 26.9 40.3

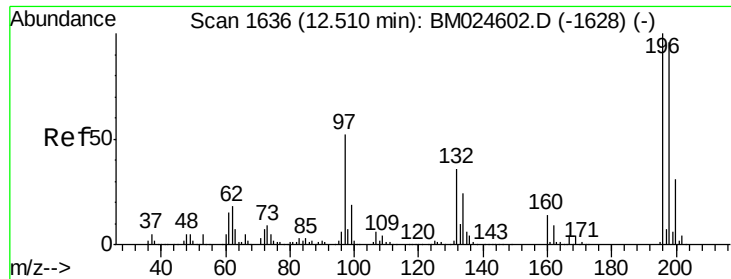


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

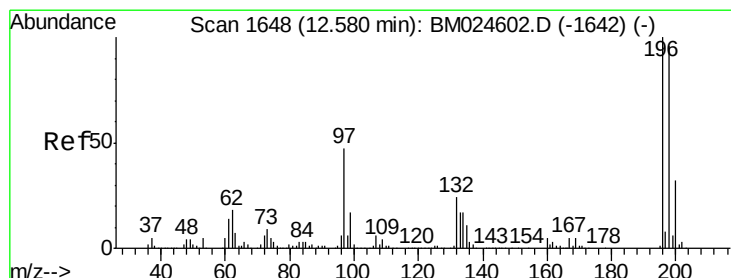
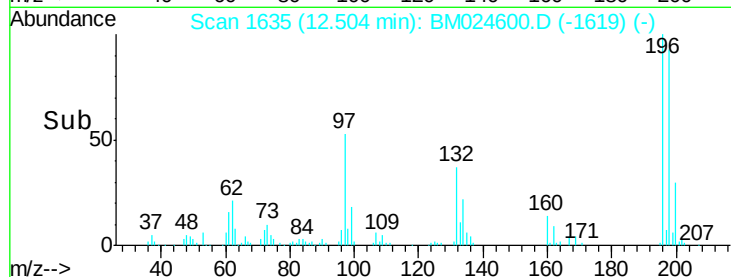
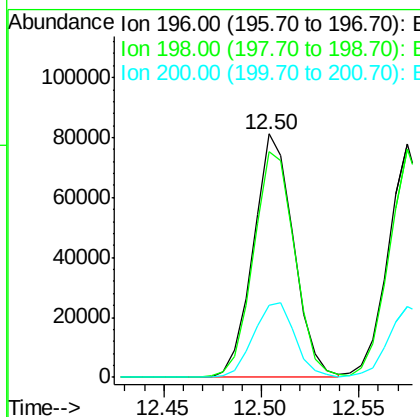
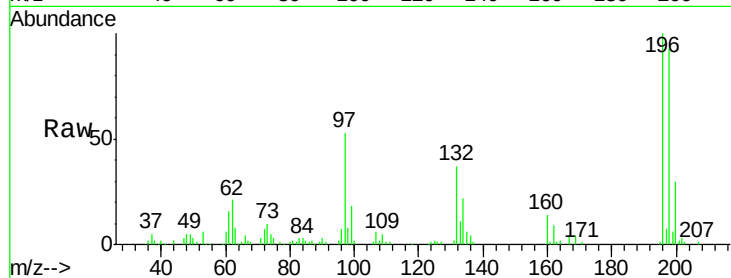




#43
 2,4,6-Trichlorophenol
 Concen: 10.852 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

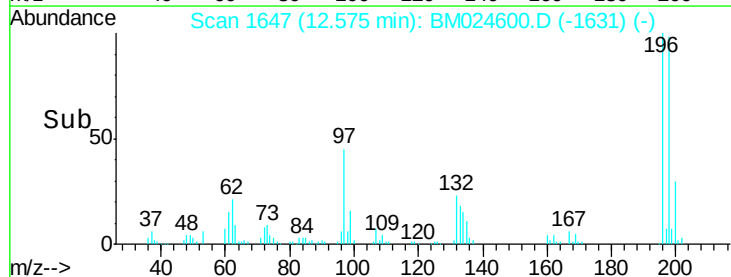
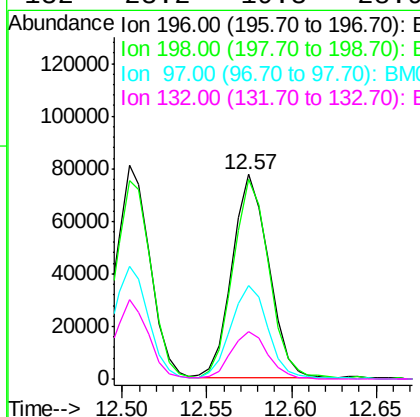
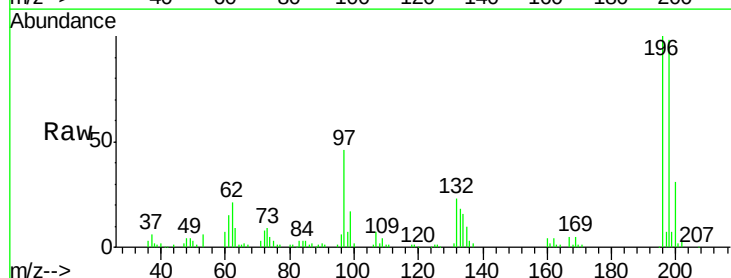
Instrument :
 BNA_M
 ClientSampleId :

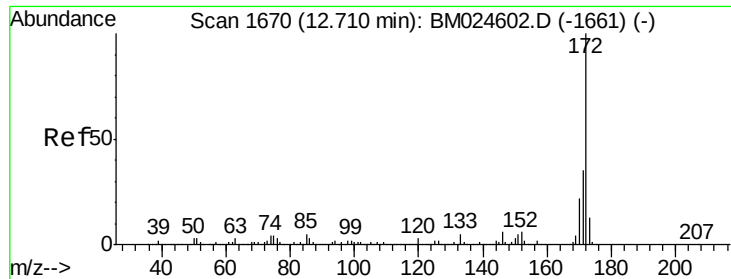
Tot Ion:196 Resp: 115756
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.5 114.7
 200 29.9 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 10.084 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion:196 Resp: 115765
 Ion Ratio Lower Upper
 196 100
 198 97.8 77.2 115.8
 97 45.9 37.4 56.0
 132 23.2 19.3 28.9

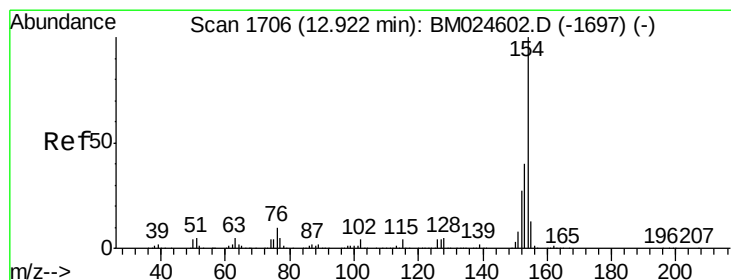
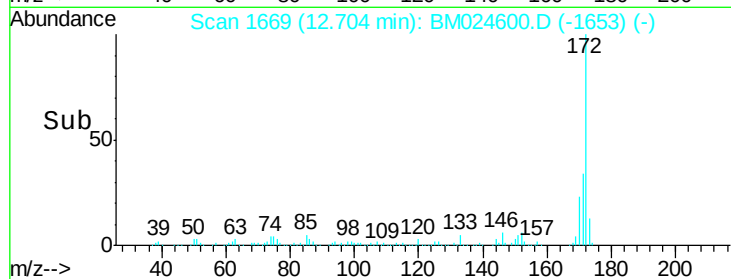
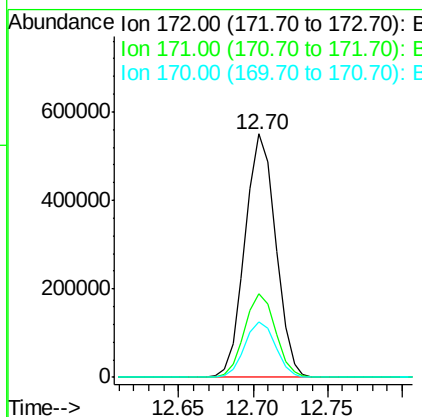
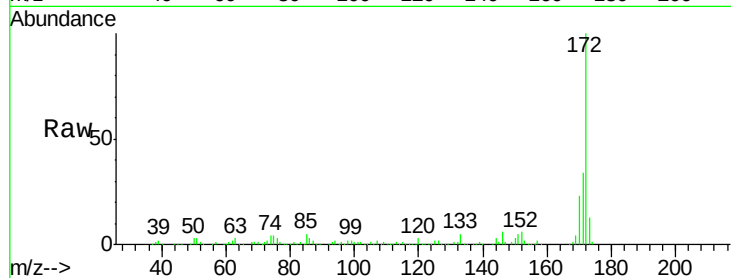




#45
2-Fluorobiphenyl
Concen: 19.627 ng
RT: 12.70 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

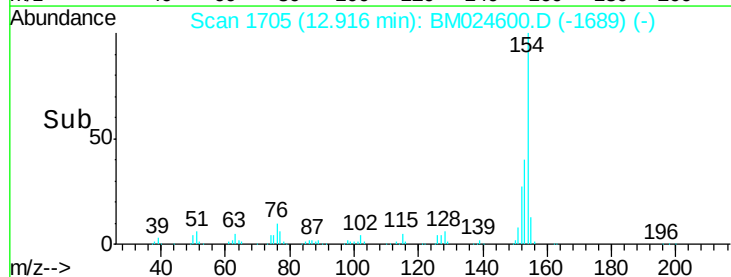
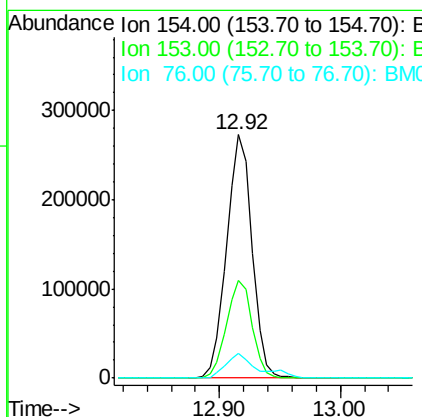
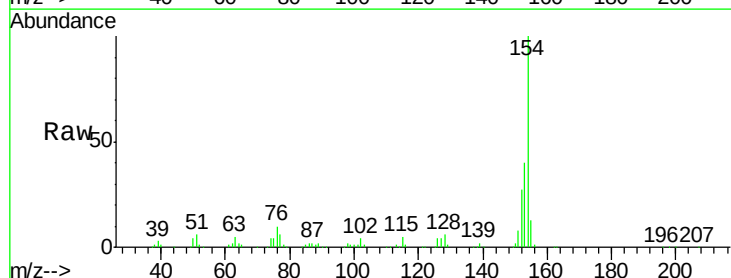
Instrument :
BNA_M
ClientSampleId :

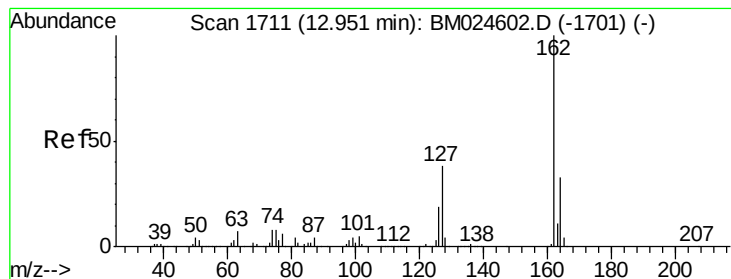
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	23.0	17.9	26.9



#46
1,1'-Biphenyl
Concen: 9.276 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	10.1	0.0	30.5





#47

2-Chloronaphthalene

Concen: 9.224 ng

RT: 12.95 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

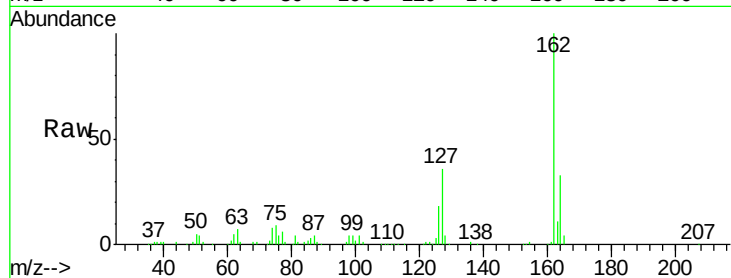
Tot Ion:162 Resp: 322104

Ion Ratio Lower Upper

162 100

127 36.5 30.4 45.6

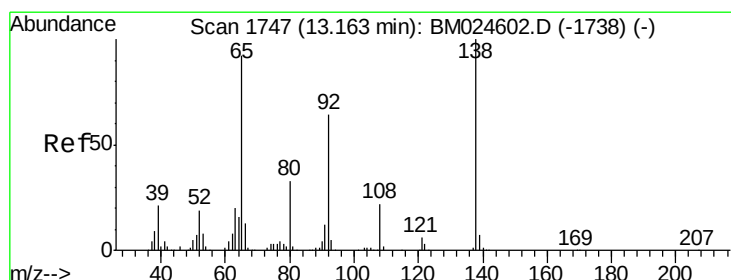
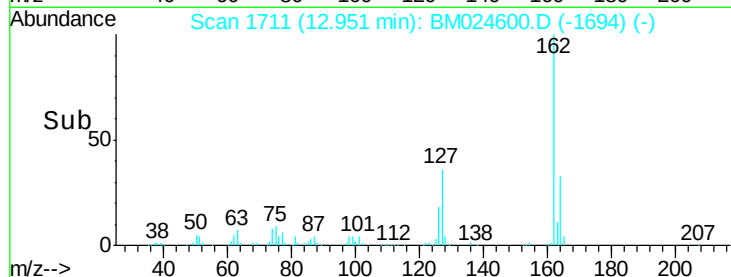
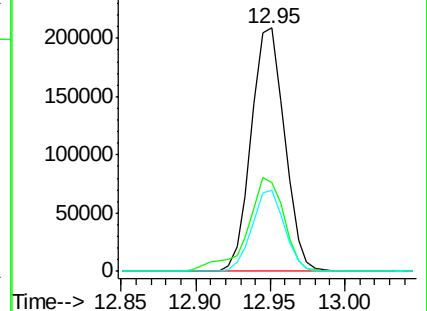
164 33.3 26.5 39.7



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: 8.709 ng

RT: 13.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

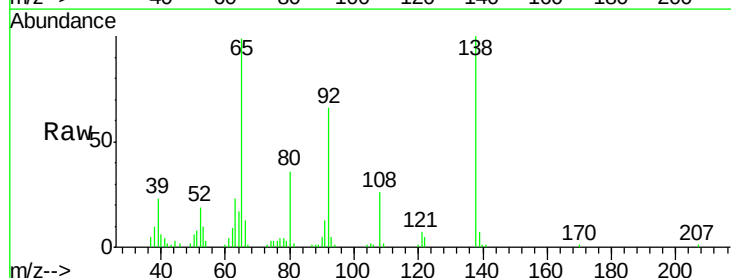
Tgt Ion: 65 Resp: 92293

Ion Ratio Lower Upper

65 100

92 66.9 55.4 83.2

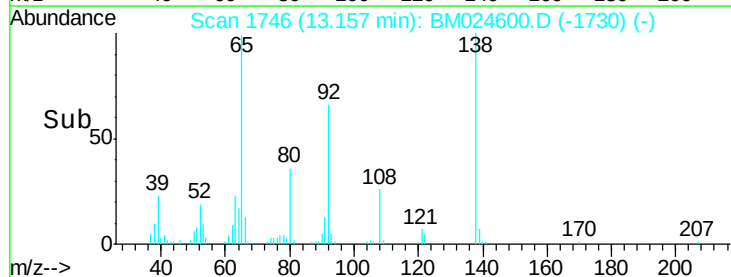
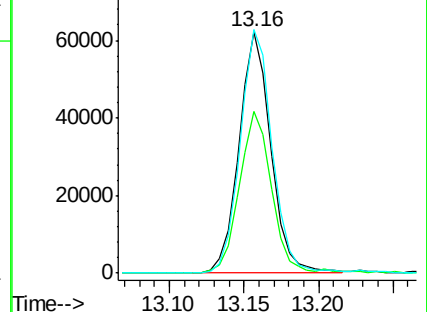
138 100.8 86.6 129.8

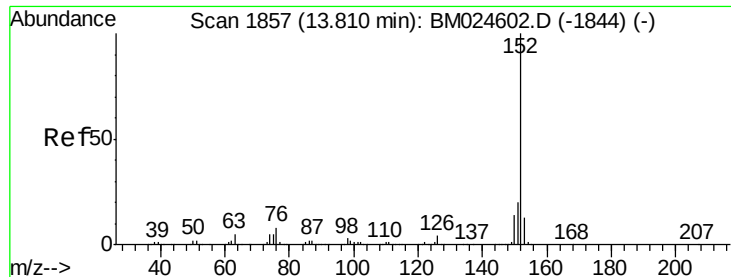


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.081 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

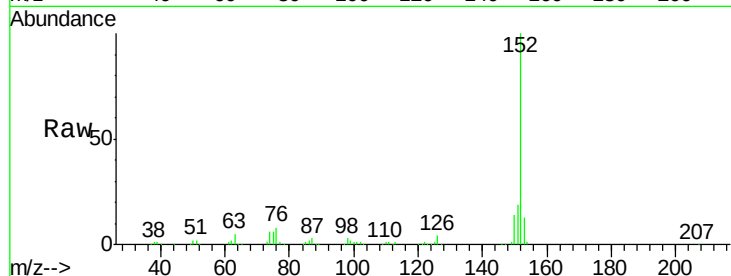
Tot Ion:152 Resp: 480114

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

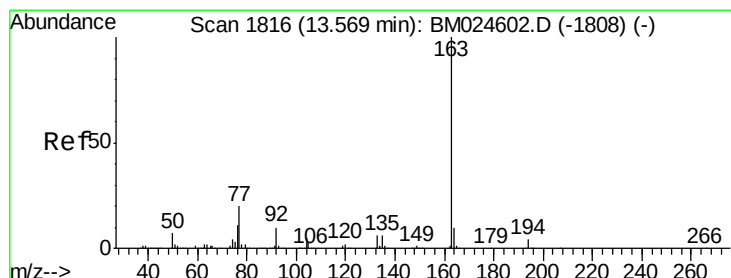
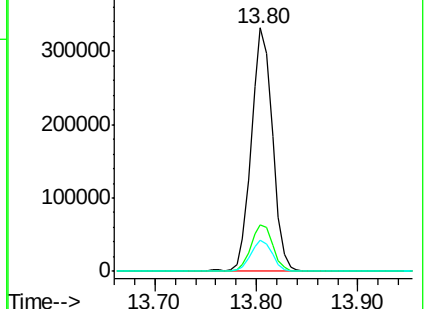
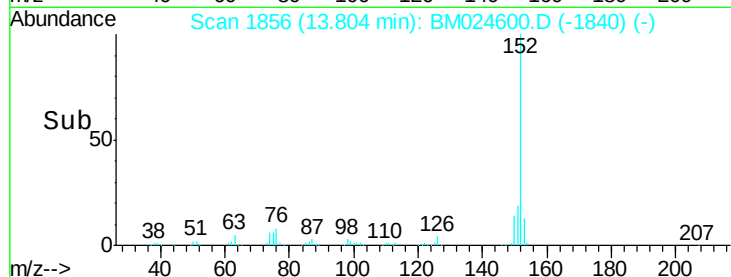
153 12.6 10.4 15.6



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: 9.786 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

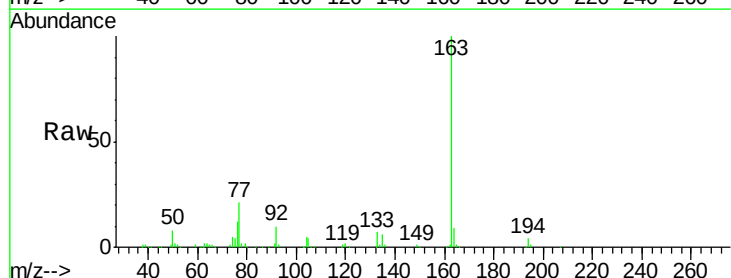
Tgt Ion:163 Resp: 434858

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

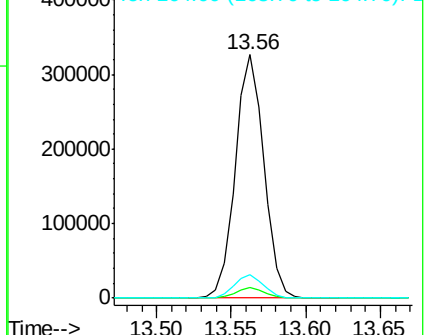
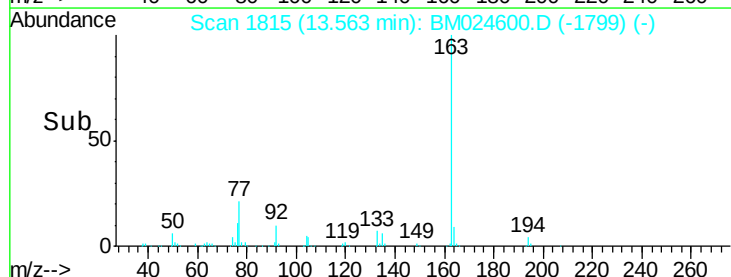
164 9.5 8.0 12.0

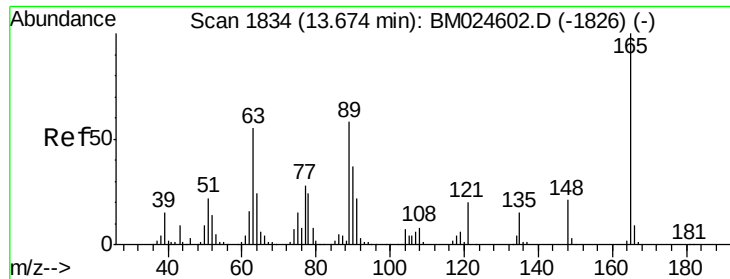


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

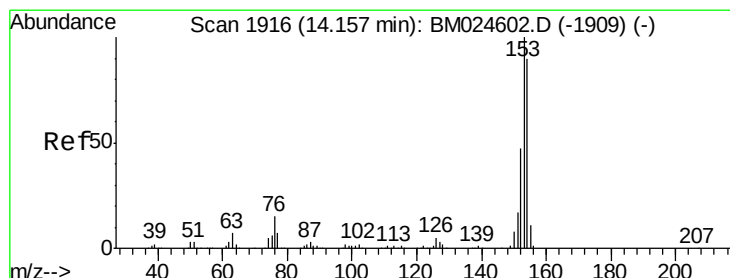
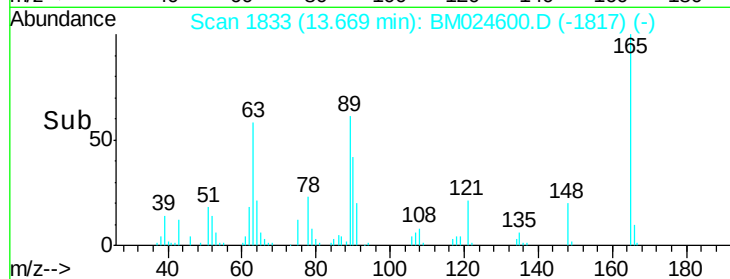
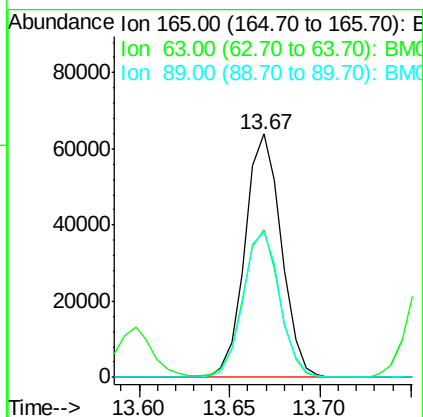
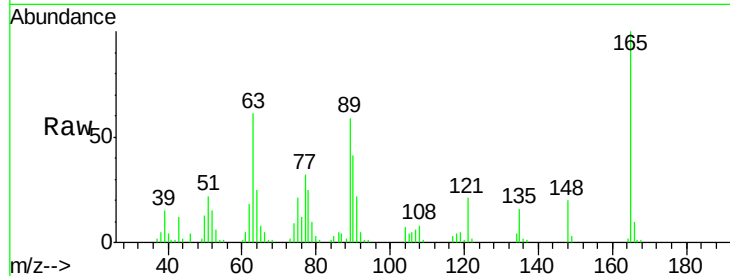




#51
 2,6-Dinitrotoluene
 Concen: 9.381 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

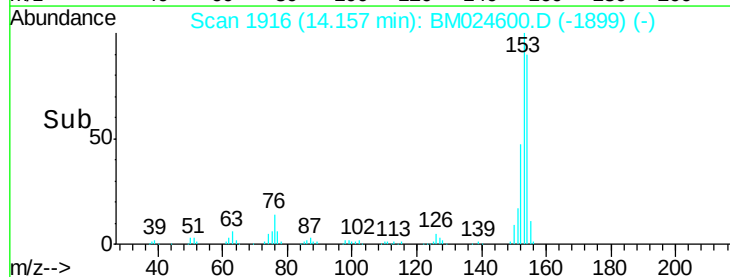
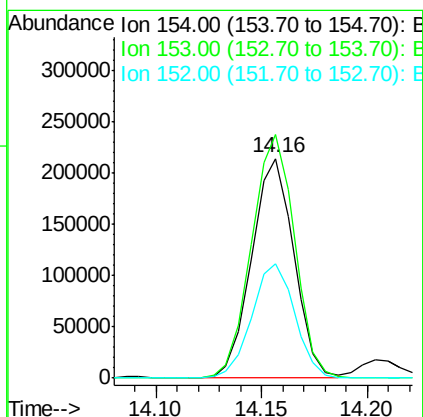
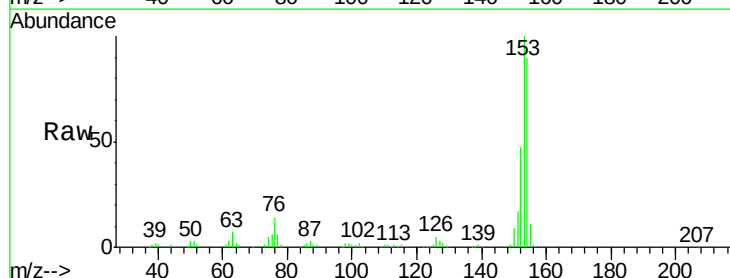
Instrument :
 BNA_M
 ClientSampled :

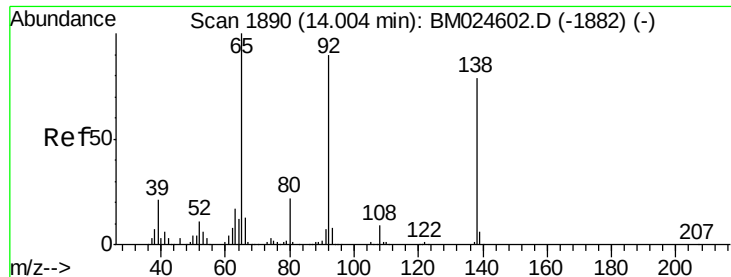
Tot Ion:165 Resp: 88905
 Ion Ratio Lower Upper
 165 100
 63 60.7 45.4 68.0
 89 59.4 46.6 69.8



#52
 Acenaphthene
 Concen: 9.265 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion:154 Resp: 299515
 Ion Ratio Lower Upper
 154 100
 153 111.0 89.1 133.7
 152 52.4 41.9 62.9

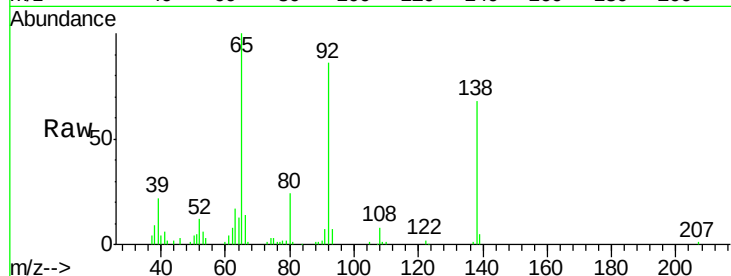




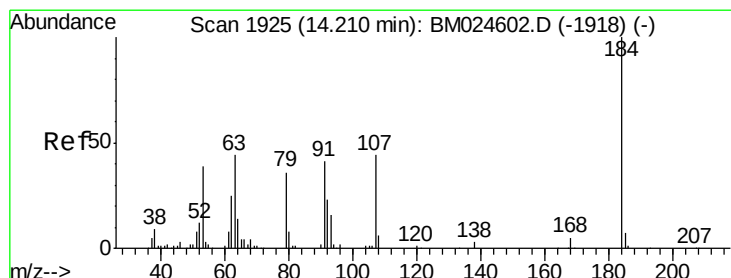
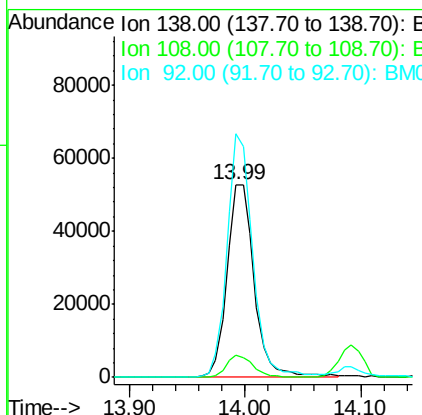
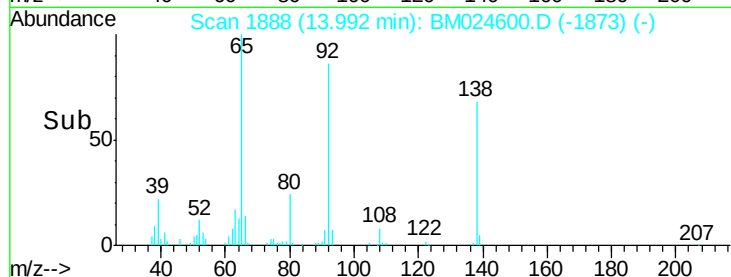
#53
 3-Nitroaniline
 Concen: 8.343 ng
 RT: 13.99 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:138 Resp: 86307
 Ion Ratio Lower Upper
 138 100
 108 11.6 8.7 13.1
 92 126.2 91.0 136.4

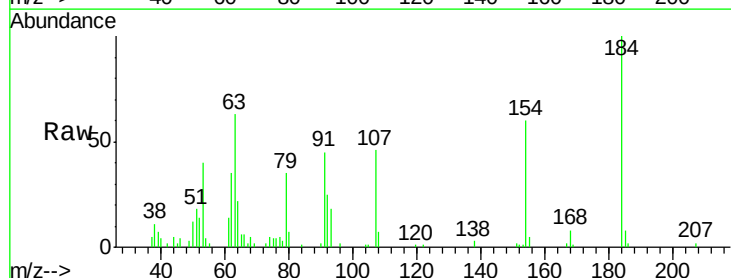


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

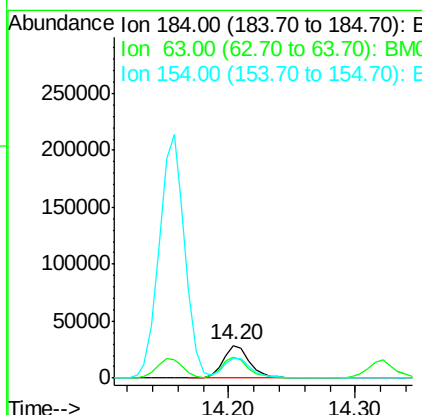
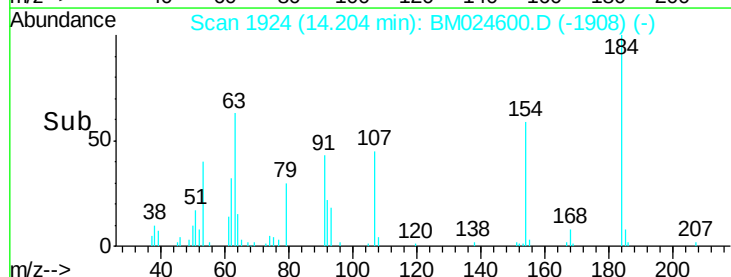


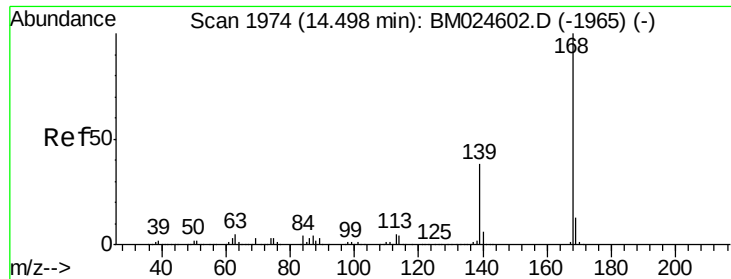
#54
 2,4-Dinitrophenol
 Concen: 11.201 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion:184 Resp: 42923
 Ion Ratio Lower Upper
 184 100
 63 62.7 51.8 77.8
 154 60.3 50.2 75.4



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





#55

Dibenzofuran

Concen: 9.556 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

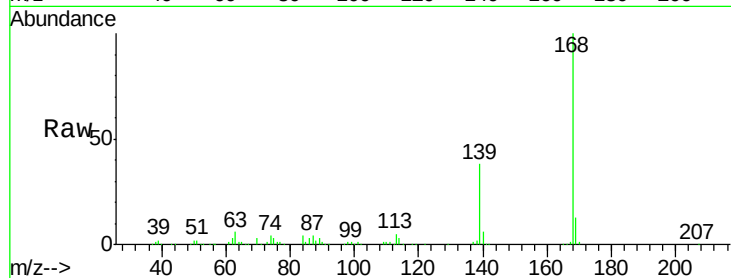
Tot Ion:168 Resp: 499999

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.4

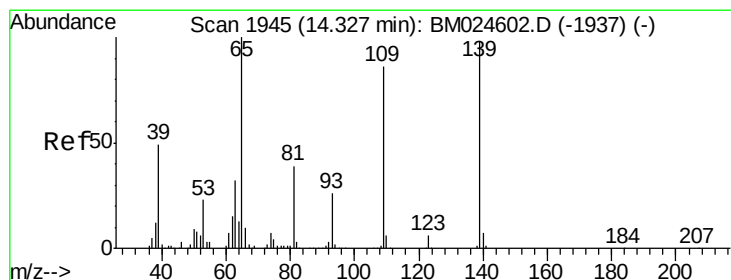
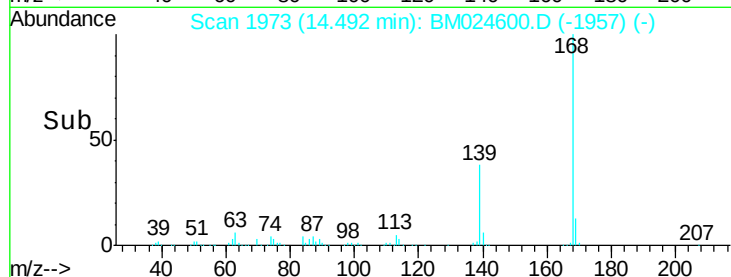
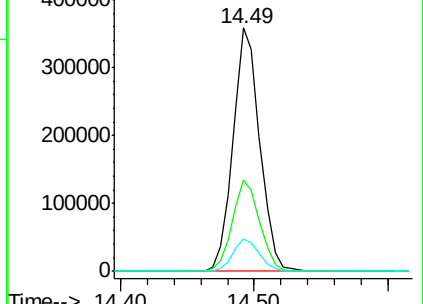
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 8.661 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

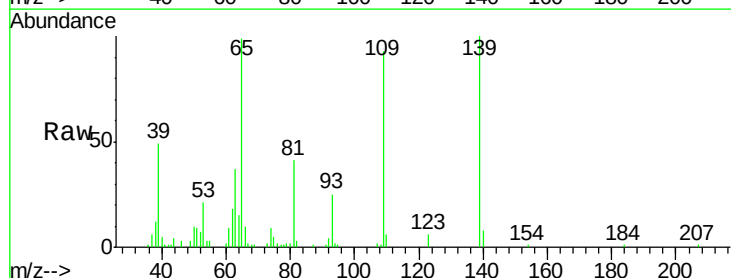
Tgt Ion:139 Resp: 66530

Ion Ratio Lower Upper

139 100

109 93.4 67.4 107.4

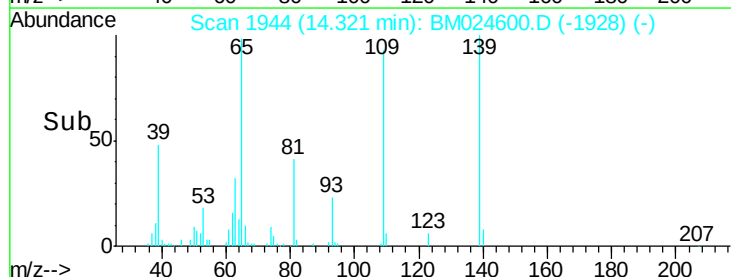
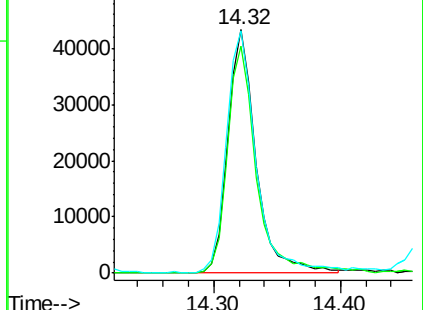
65 99.3 82.1 122.1

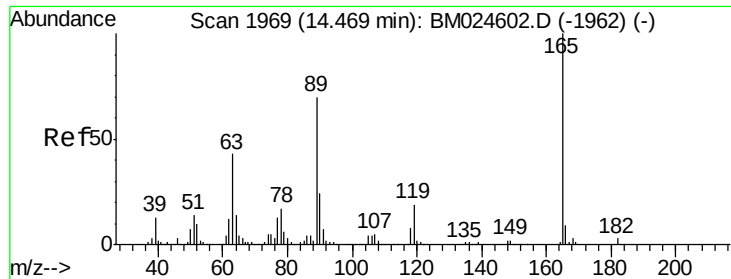


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

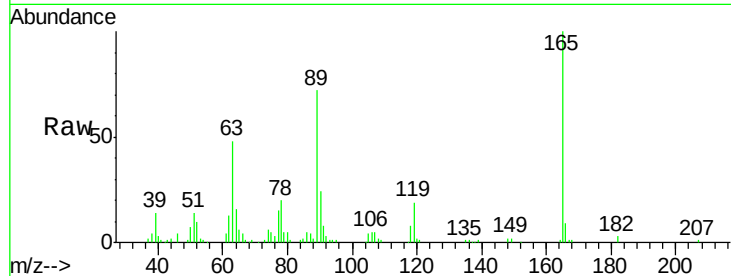




#57
 2,4-Dinitrotoluene
 Concen: 9.209 ng
 RT: 14.46 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	165	Resp:	124595
Ion	Ratio	Lower	Upper
165	100		
63	48.2	34.5	51.7
89	71.8	55.8	83.8
182	3.2	2.3	3.5

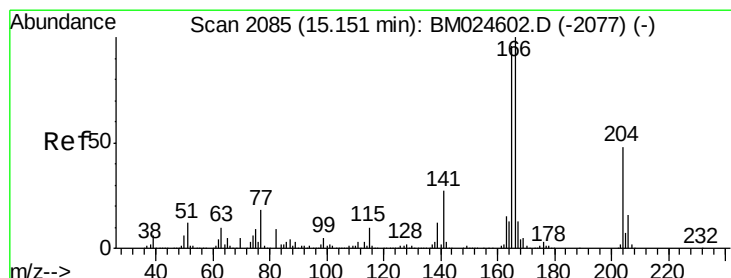
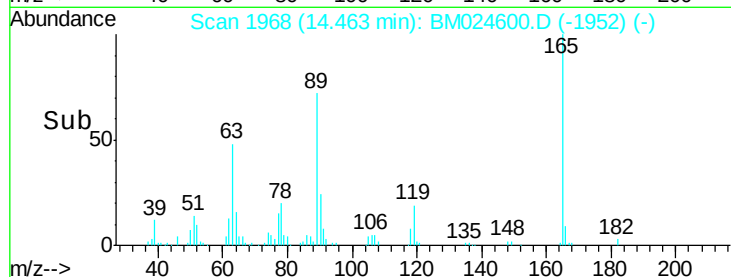
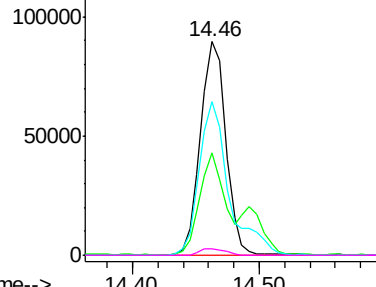


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

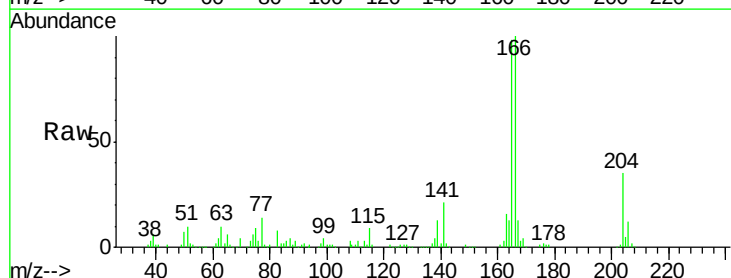
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 9.244 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

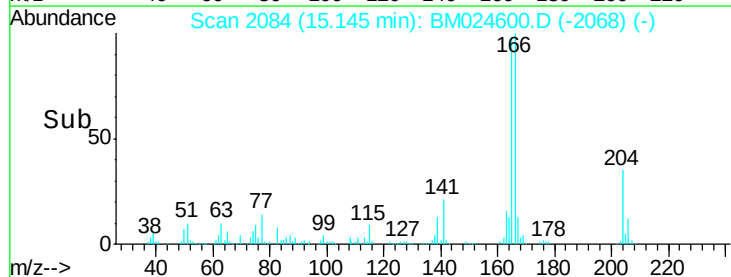
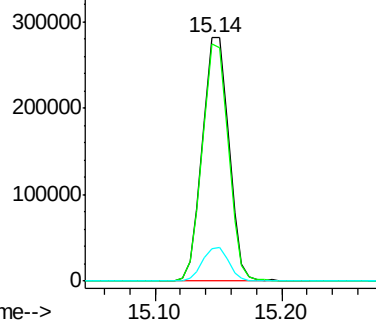
Tgt Ion:	166	Resp:	407872
Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.6	114.8
167	13.3	10.8	16.2

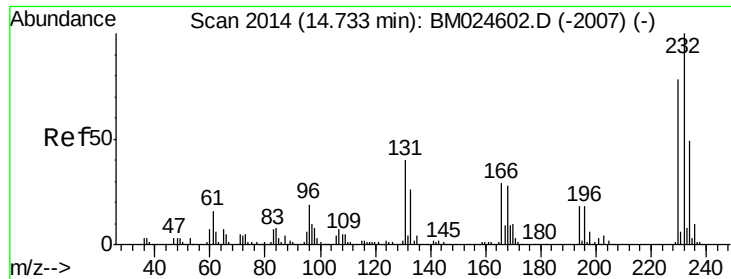


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

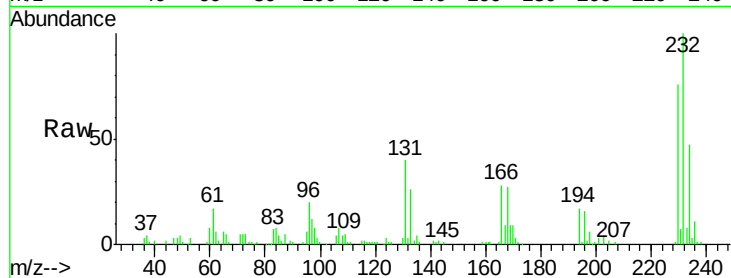




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.414 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	32.2	48.4
130	2.6	1.9	2.9
166	30.4	23.4	35.0

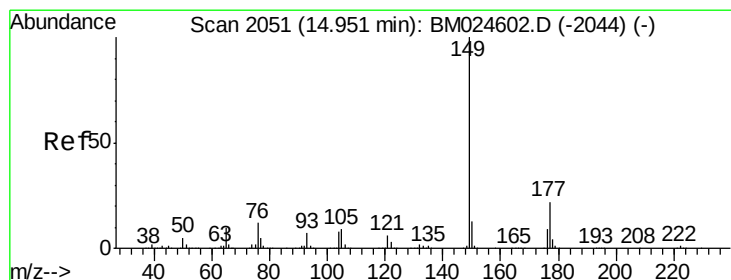
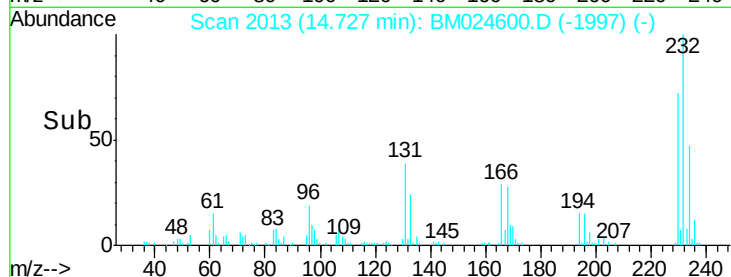
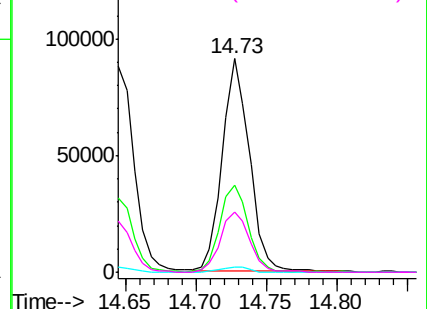


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

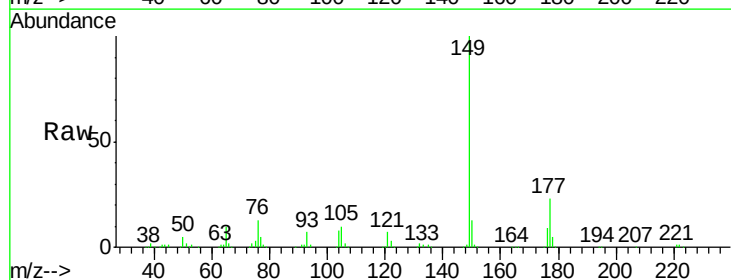
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 9.599 ng
RT: 14.94 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

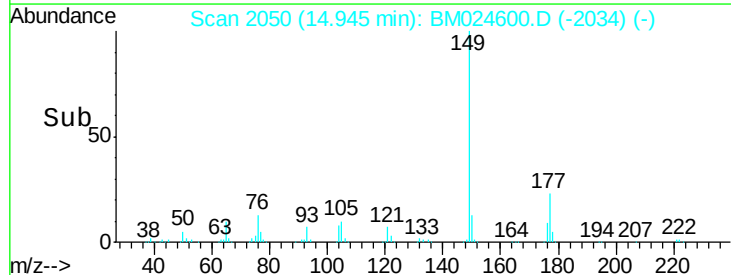
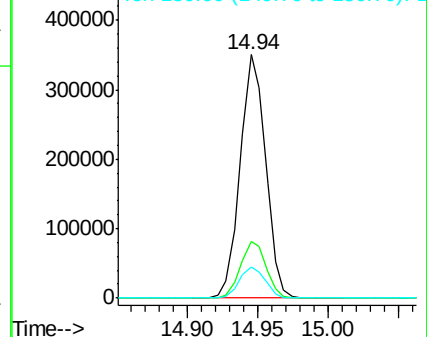
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.0	27.0
150	12.5	10.2	15.4

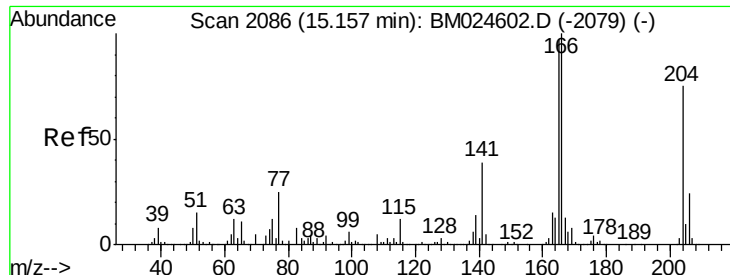


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

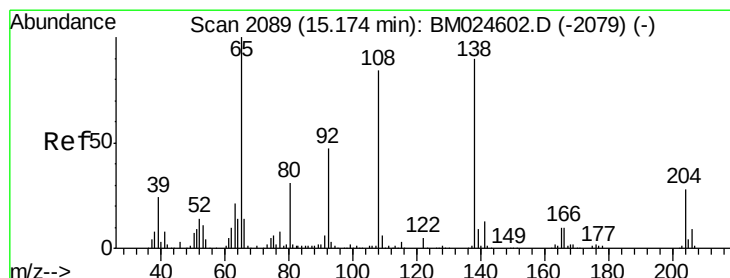
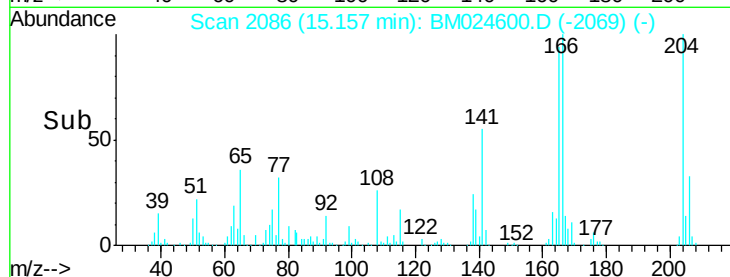
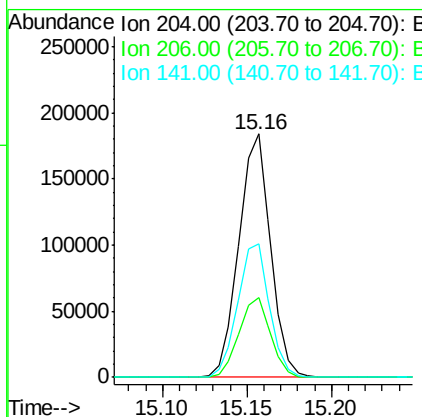
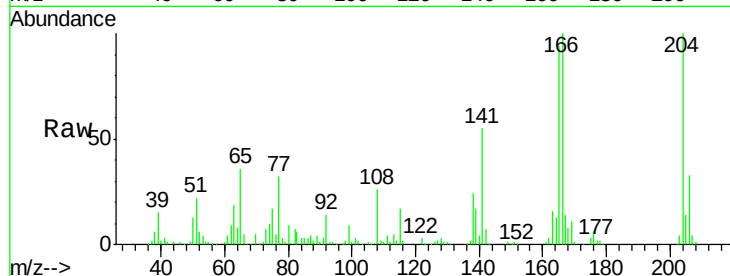




#61
 4-Chlorophenyl-phenylether
 Concen: 10.015 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

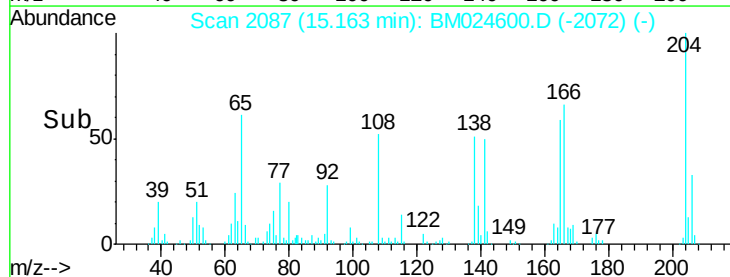
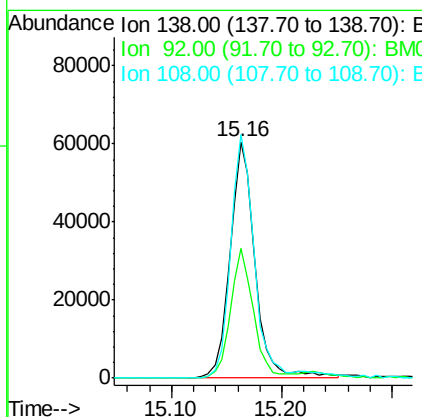
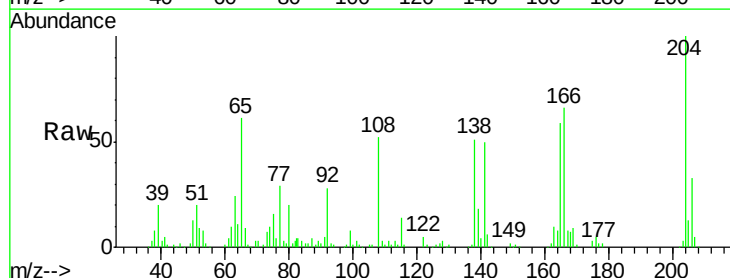
Instrument :
 BNA_M
 ClientSampled :

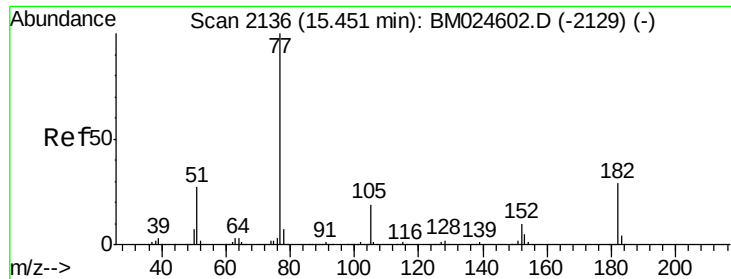
Tot Ion:	204	Resp:	241511
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	55.1	42.2	63.2



#62
 4-Nitroaniline
 Concen: 8.212 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion:	138	Resp:	96095
Ion	Ratio	Lower	Upper
138	100		
92	55.0	32.4	72.4
108	102.9	73.3	113.3





#63

Azobenzene

Concen: 9.048 ng

RT: 15.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 371860

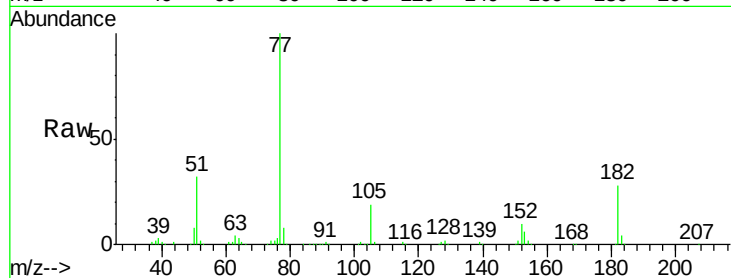
Ion Ratio Lower Upper

77 100

182 28.2 8.7 48.7

105 18.7 0.0 39.2

51 31.6 7.5 47.5

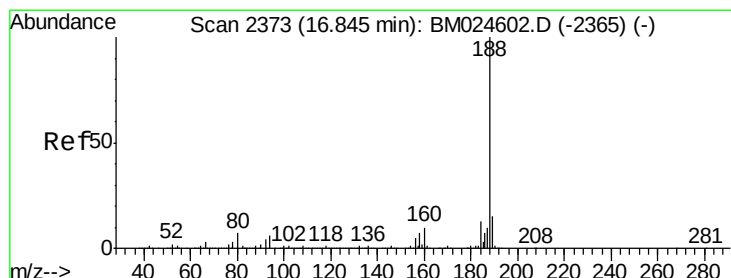
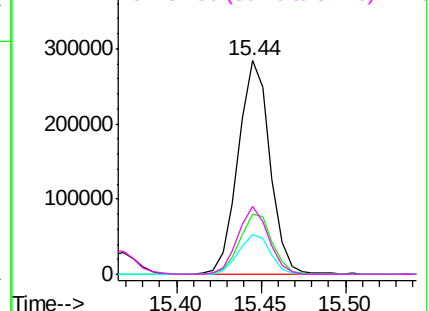
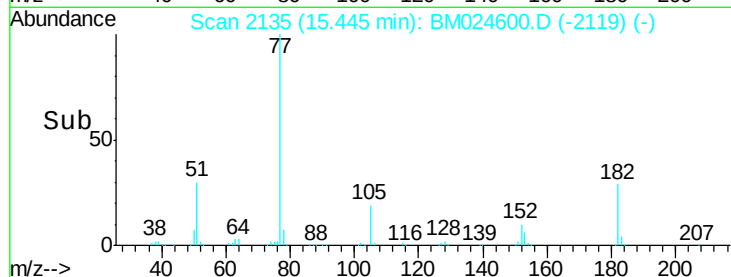


Abundance Ion 77.00 (76.70 to 77.70): BM024600.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM024600.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM024600.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM024600.D (-2129) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

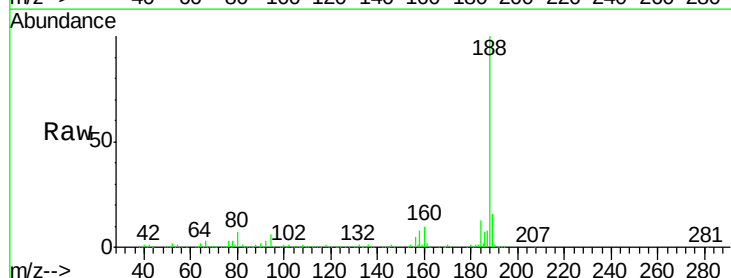
Tgt Ion: 188 Resp: 1278422

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.6

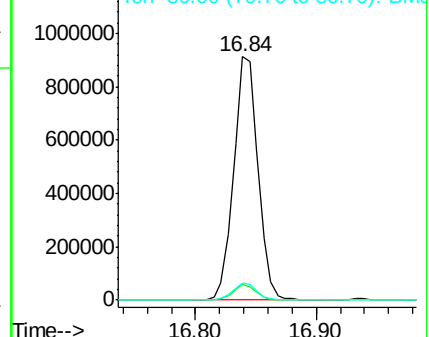
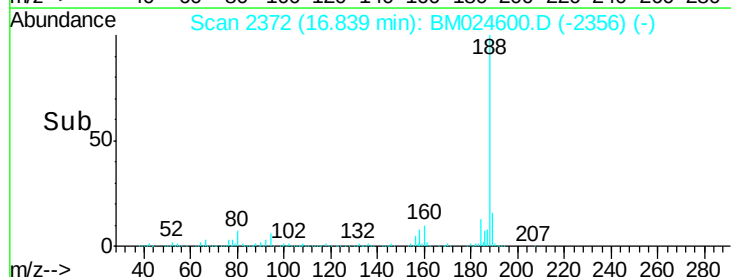
80 7.1 5.8 8.8

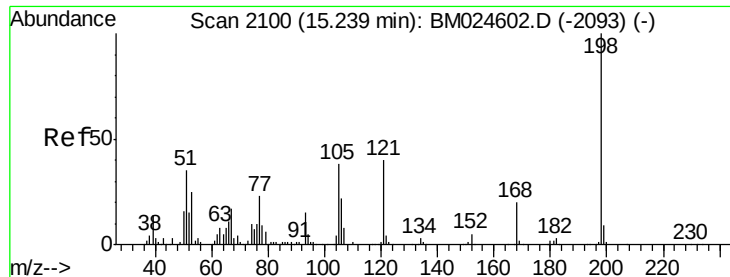


Abundance Ion 188.00 (187.70 to 188.70): BM024600.D (-2365) (-)

Ion 94.00 (93.70 to 94.70): BM024600.D (-2365) (-)

Ion 80.00 (79.70 to 80.70): BM024600.D (-2365) (-)

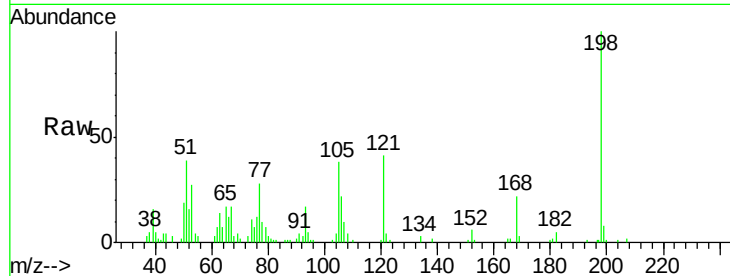




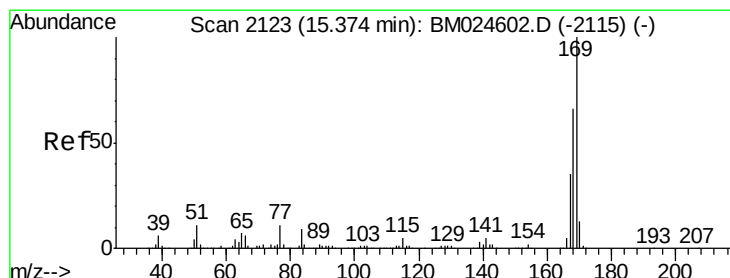
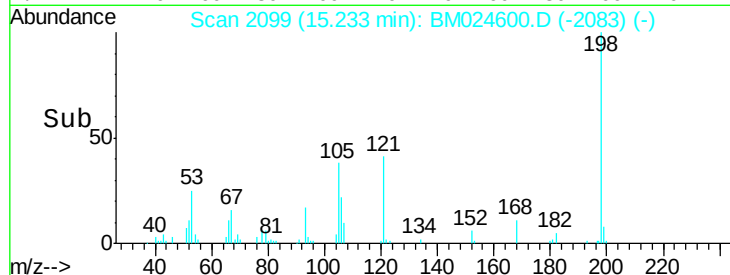
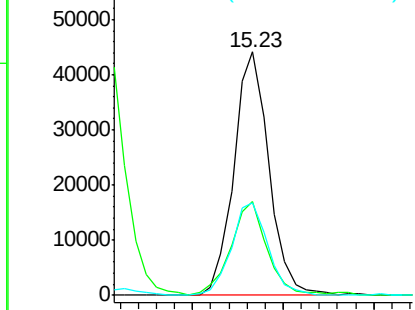
#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.857 ng
 RT: 15.23 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	198	Resp	59378
Ion Ratio	100	Lower	Upper
51	38.7	15.8	55.8
105	38.3	18.5	58.5

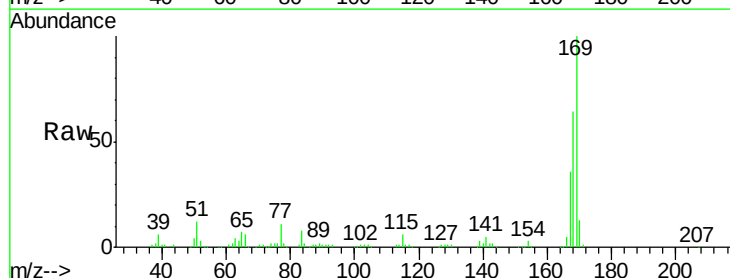


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM024600.D (-2093) (-)
 Ion 105.00 (104.70 to 105.70): E

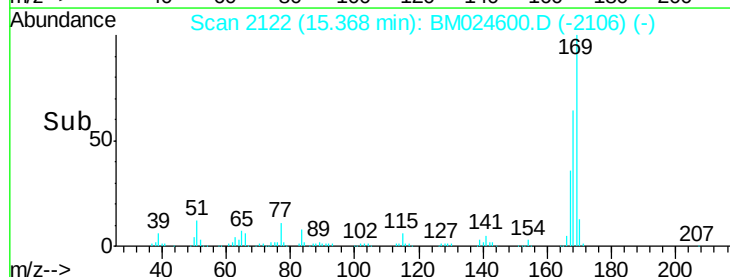
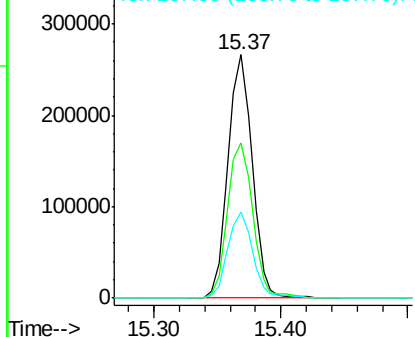


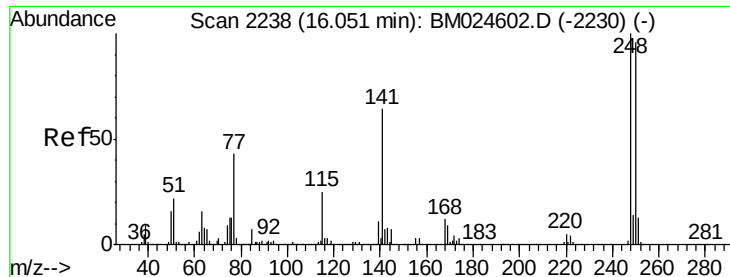
#66
 n-Nitrosodiphenylamine
 Concen: 9.354 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion	169	Resp	353633
Ion Ratio	100	Lower	Upper
168	63.7	52.8	79.2
167	35.7	28.2	42.2



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

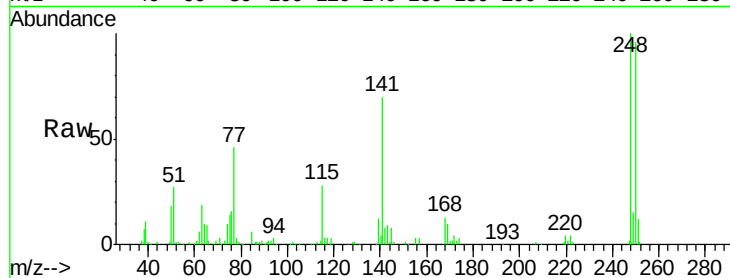




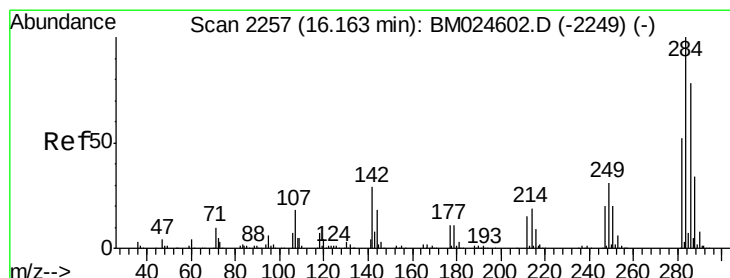
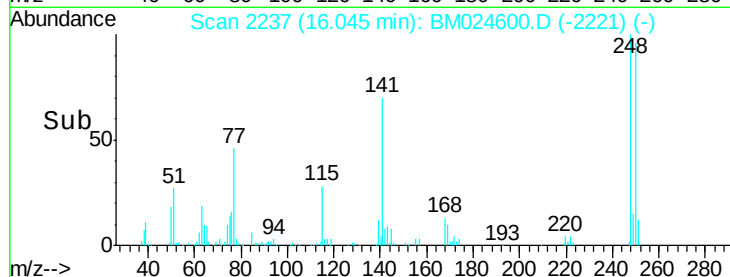
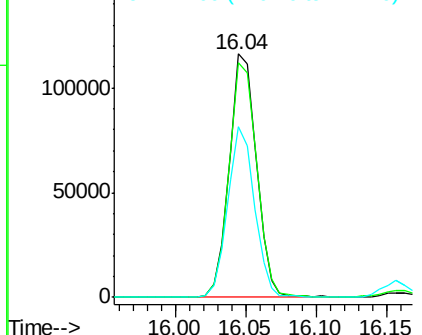
#67
4-Bromophenyl-phenylether
Concen: 10.182 ng
RT: 16.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 157070
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.6
141 70.0 50.9 76.3

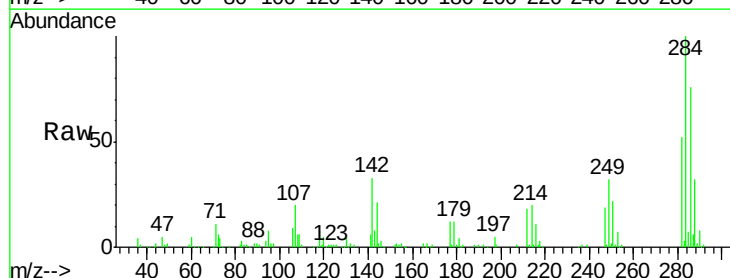


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

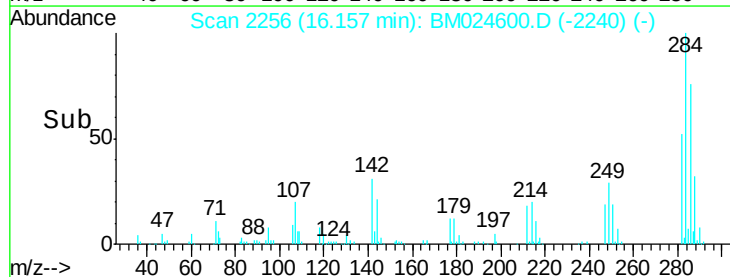
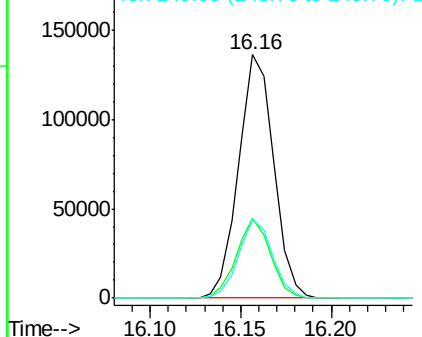


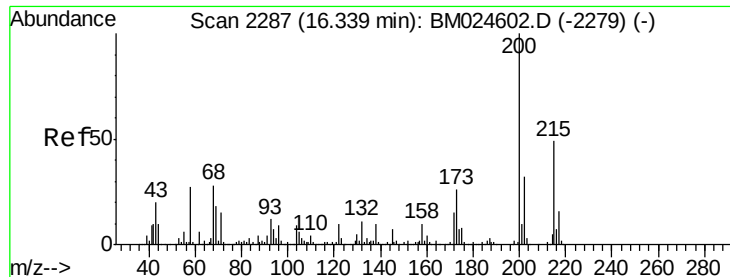
#68
Hexachlorobenzene
Concen: 10.235 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion:284 Resp: 183894
Ion Ratio Lower Upper
284 100
142 32.7 23.5 35.3
249 32.4 24.6 36.8



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





#69

Atrazine

Concen: 13.196 ng

RT: 16.33 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

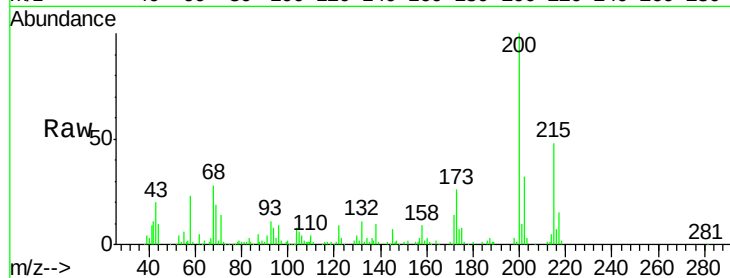
Tot Ion:200 Resp: 137484

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

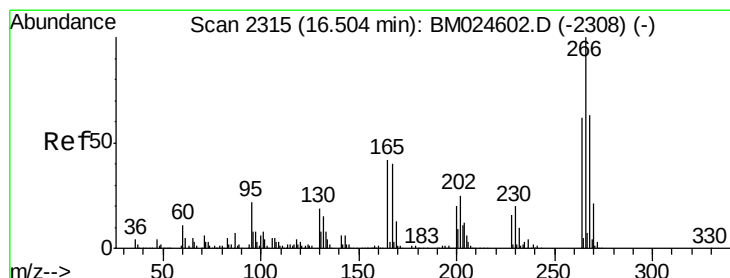
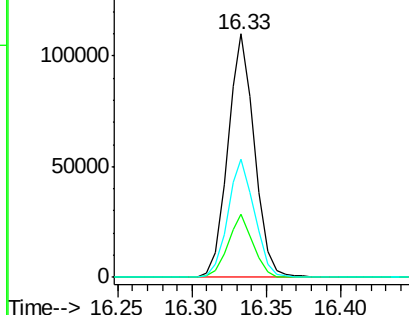
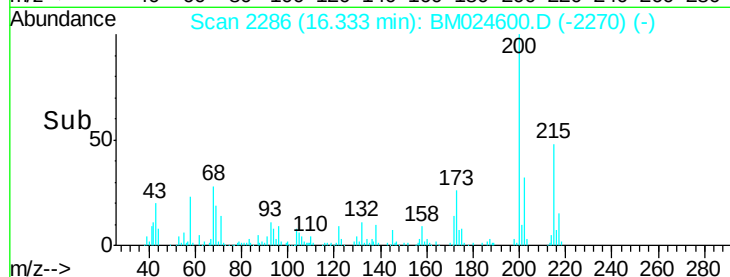
215 48.3 29.4 69.4



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: 11.259 ng

RT: 16.50 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

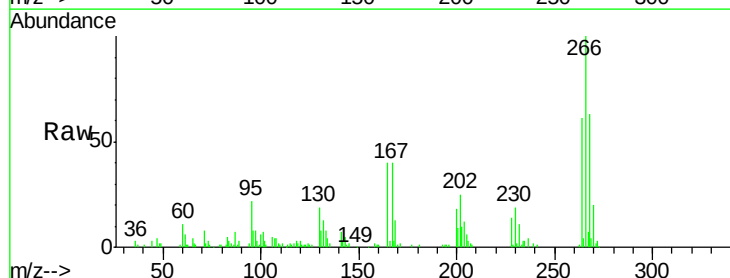
Tgt Ion:266 Resp: 102131

Ion Ratio Lower Upper

266 100

268 62.7 50.4 75.6

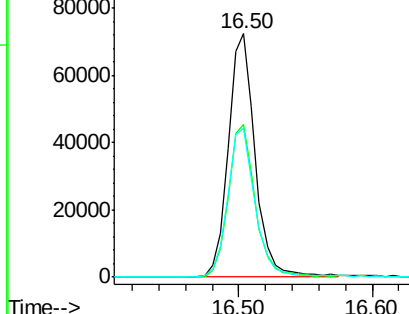
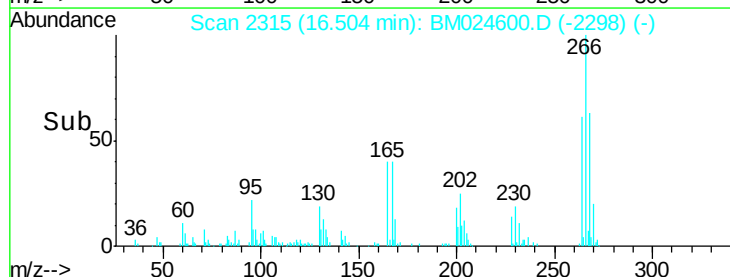
264 61.0 49.9 74.9

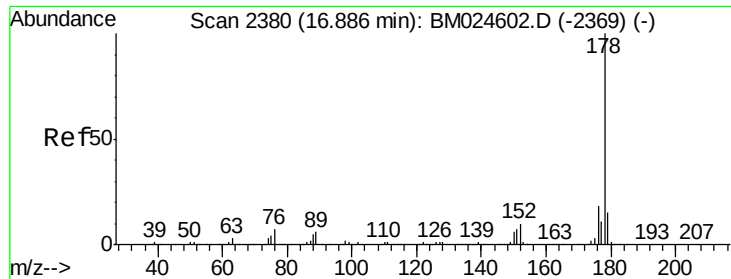


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

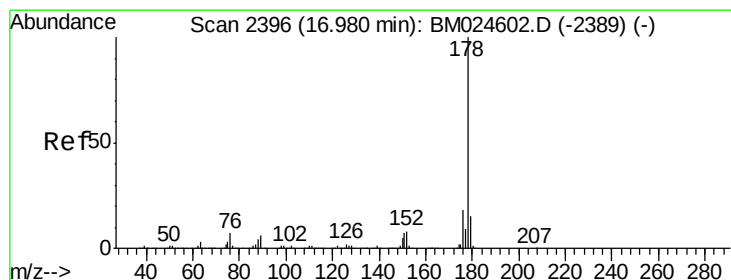
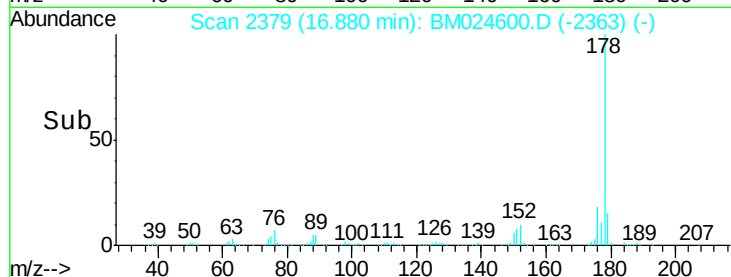
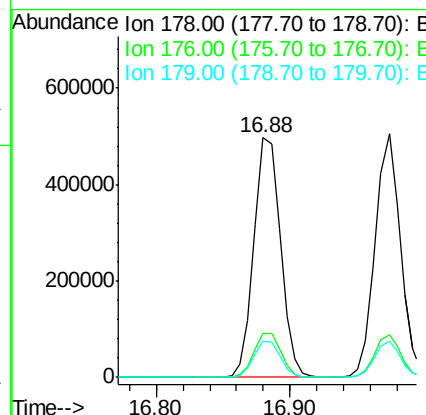
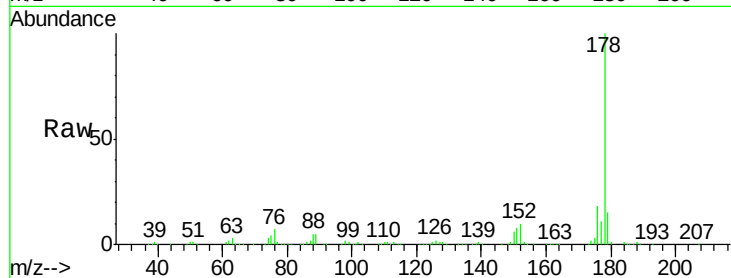




#71
Phenanthrene
Concen: 9.378 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

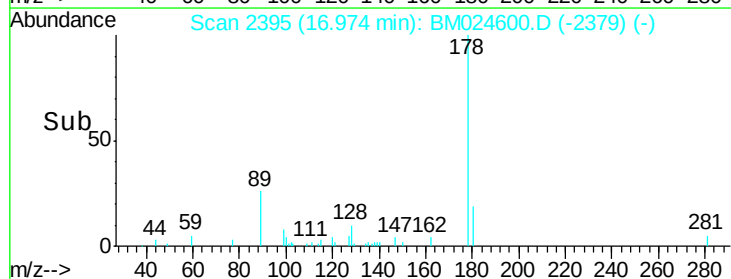
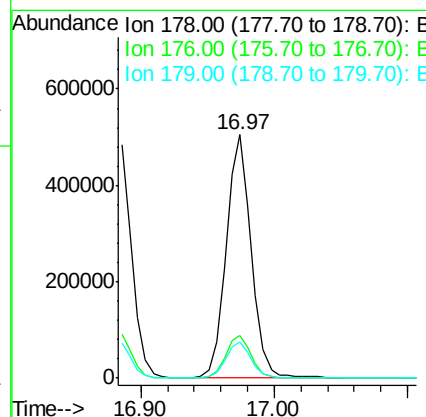
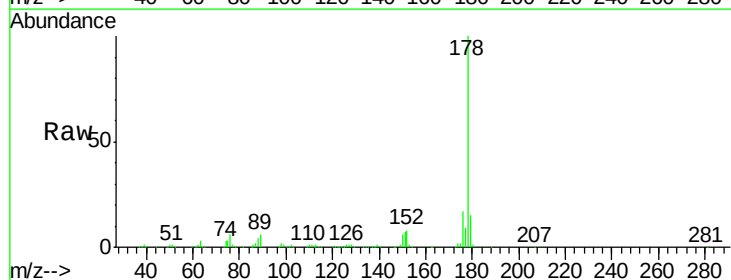
Instrument :
BNA_M
ClientSampleId :

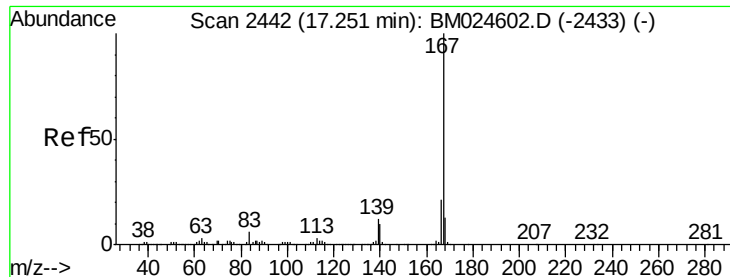
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	11.9	17.9



#72
Anthracene
Concen: 9.221 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.3	21.5
179	15.1	12.1	18.1





#73

Carbazole

Concen: 8.957 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampled :

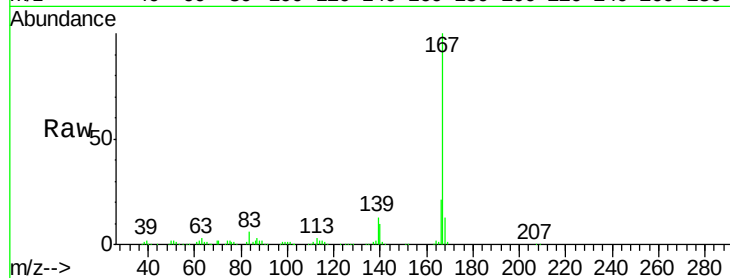
Tot Ion:167 Resp: 598435

Ion Ratio Lower Upper

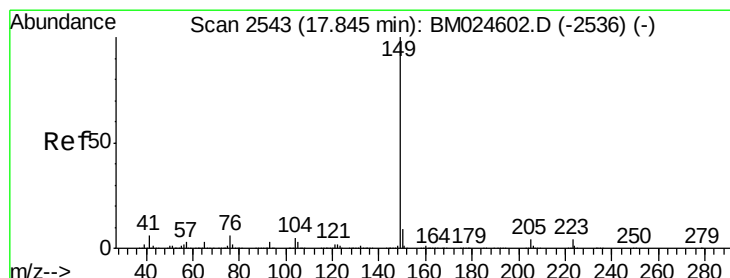
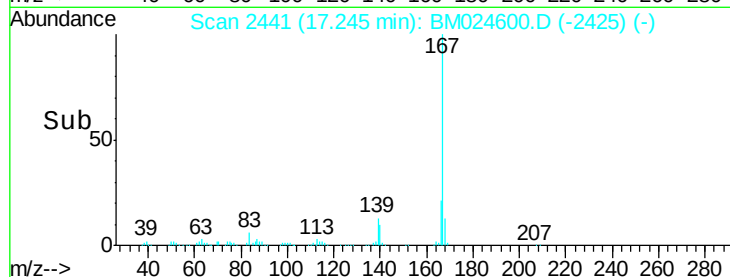
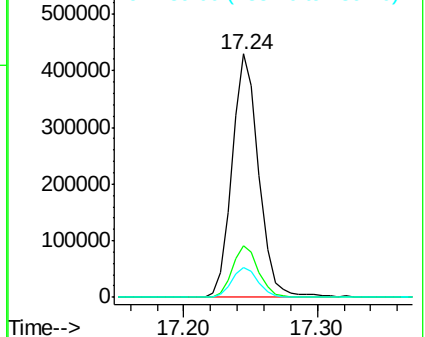
167 100

166 21.4 17.1 25.7

139 12.5 9.8 14.8



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



#74

Di-n-butylphthalate

Concen: 9.852 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

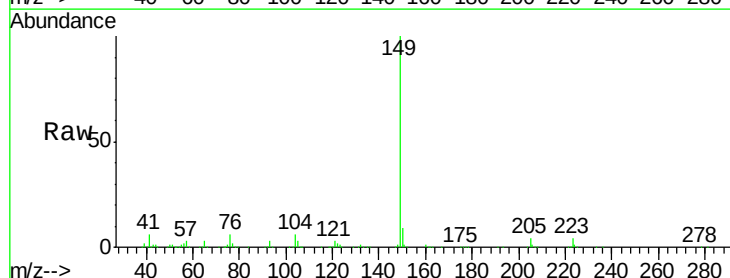
Tgt Ion:149 Resp: 759265

Ion Ratio Lower Upper

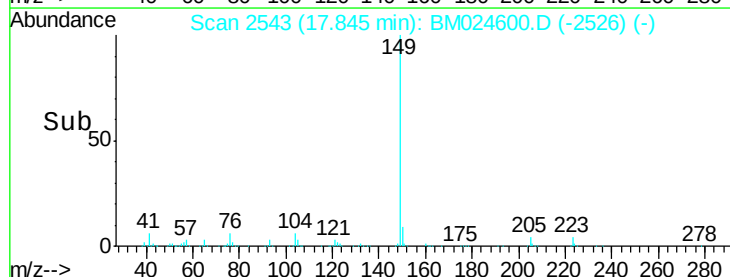
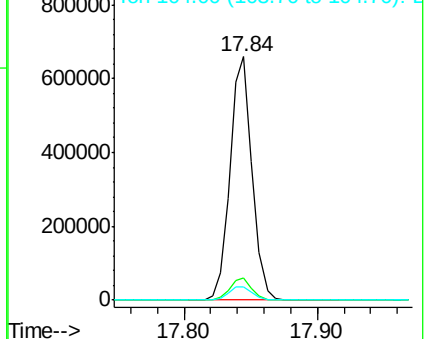
149 100

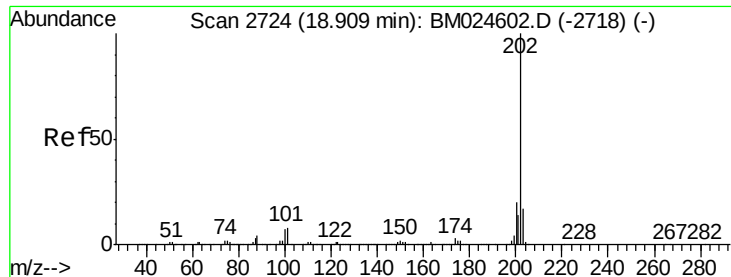
150 9.2 7.4 11.0

104 5.7 4.3 6.5



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





#75

Fluoranthene

Concen: 9.828 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

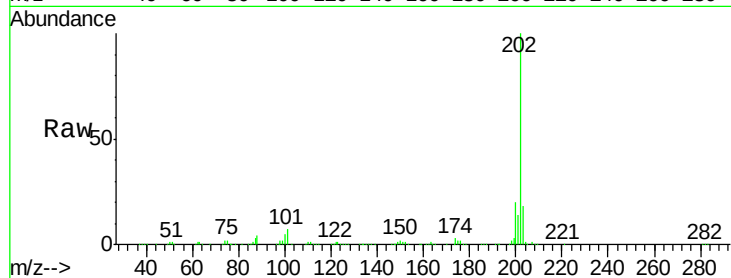
Tot Ion:202 Resp: 856583

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.4

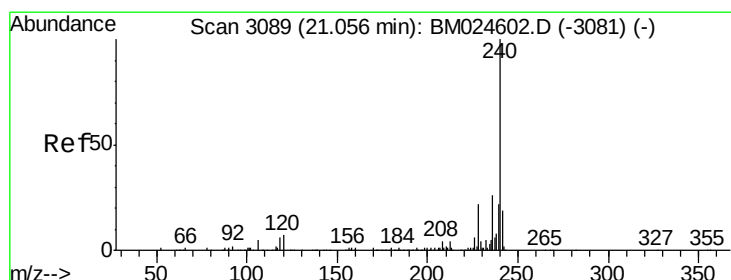
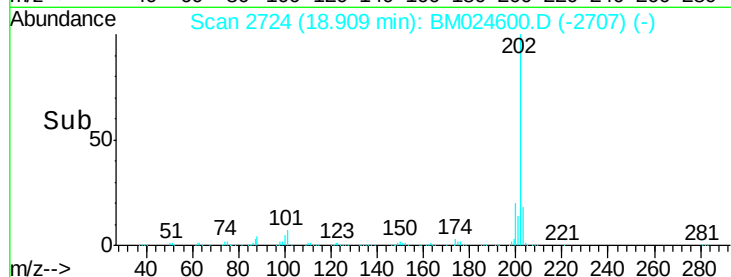
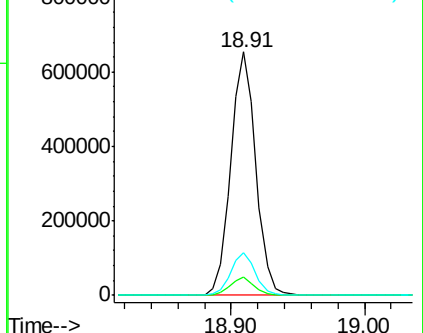
203 17.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

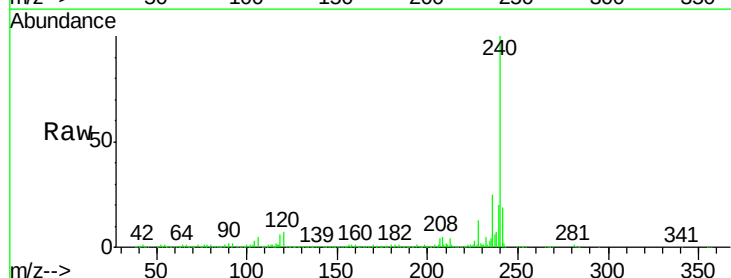
Tgt Ion:240 Resp: 1444006

Ion Ratio Lower Upper

240 100

120 7.2 5.3 7.9

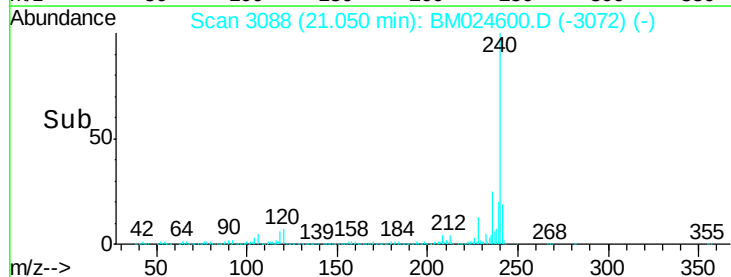
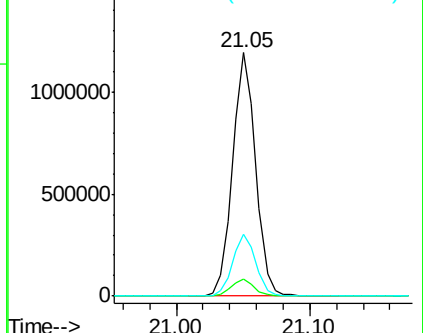
236 25.3 20.6 31.0

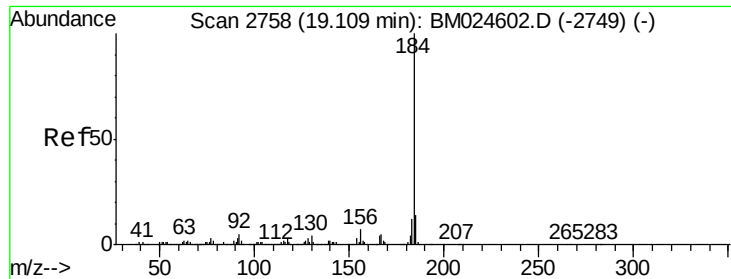


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.773 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

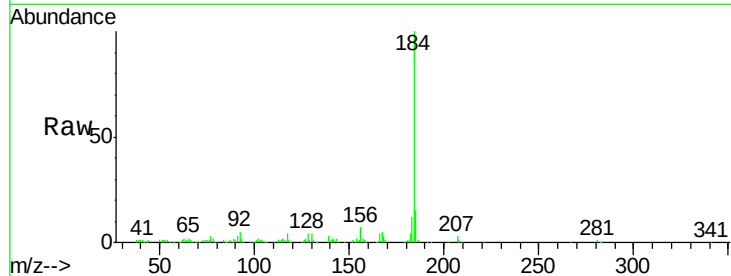
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 354419

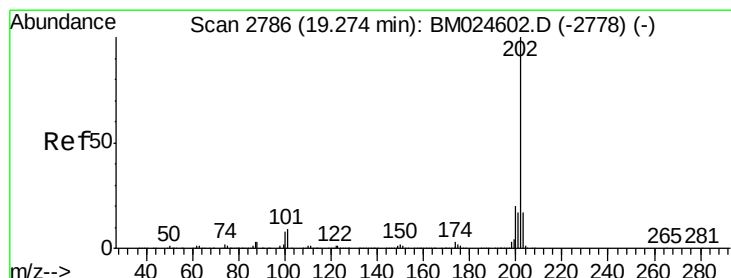
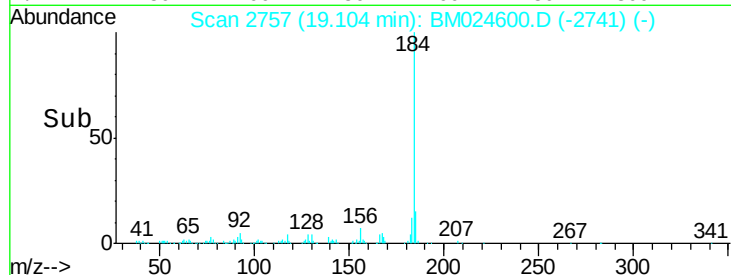
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.3	16.9
183	11.6	9.6	14.4



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: 9.404 ng

RT: 19.27 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

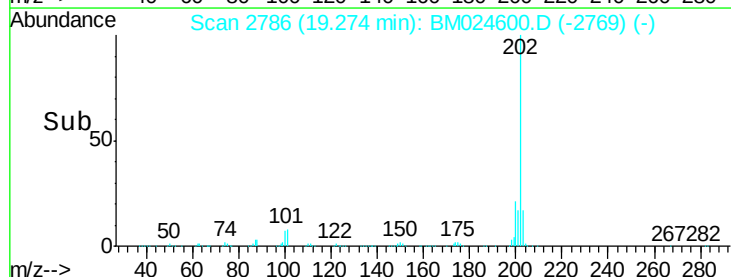
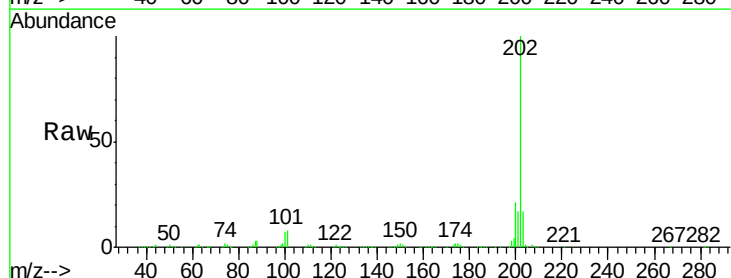
Tgt Ion:202 Resp: 894920

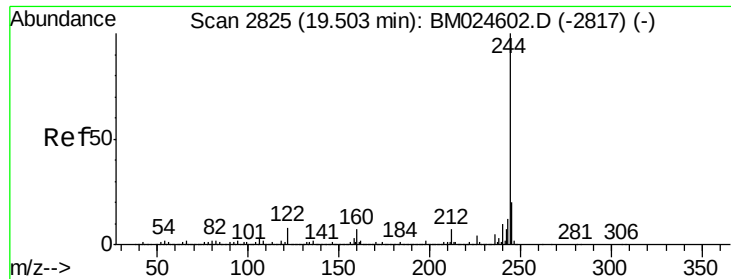
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.2	24.2
203	17.2	14.0	21.0

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

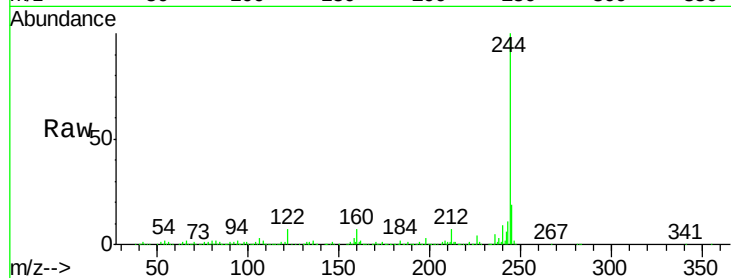




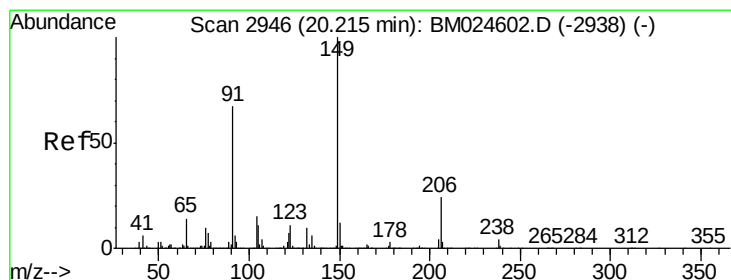
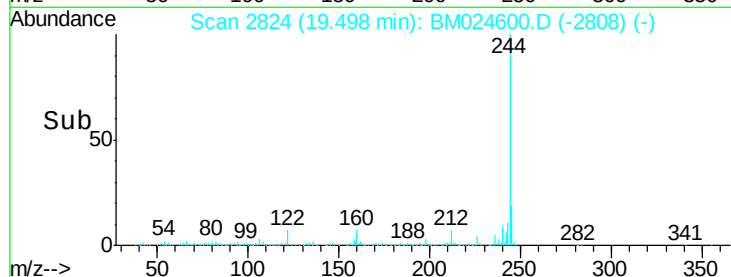
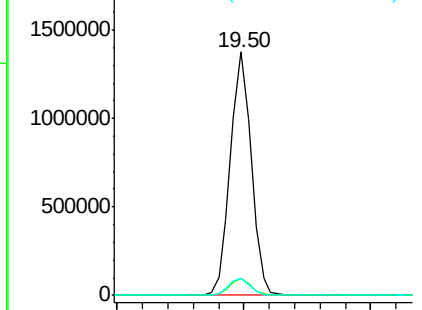
#79
 Terphenyl-d14
 Concen: 22.908 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 1577343
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 7.3 6.2 9.4

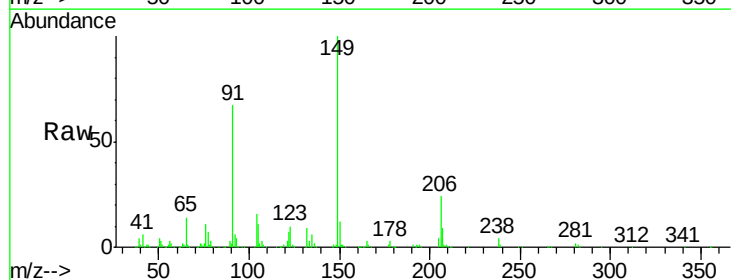


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

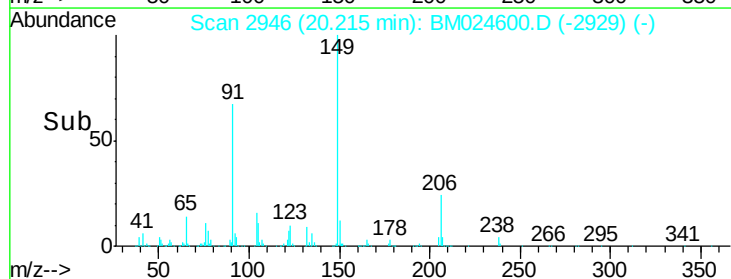
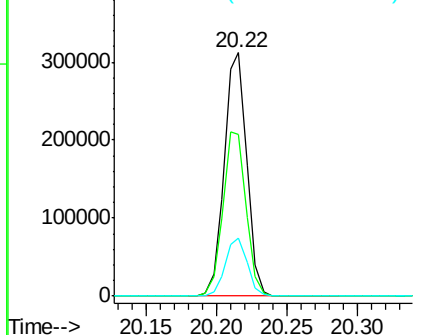


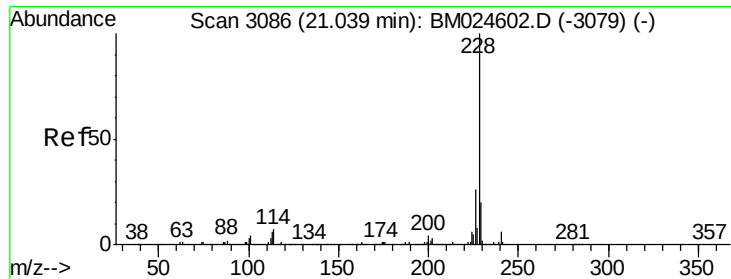
#80
 Butylbenzylphthalate
 Concen: 10.905 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM024600.D
 Acq: 23 Jan 2020 10:34

Tgt Ion:149 Resp: 345836
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.9 80.9
 206 23.8 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.939 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

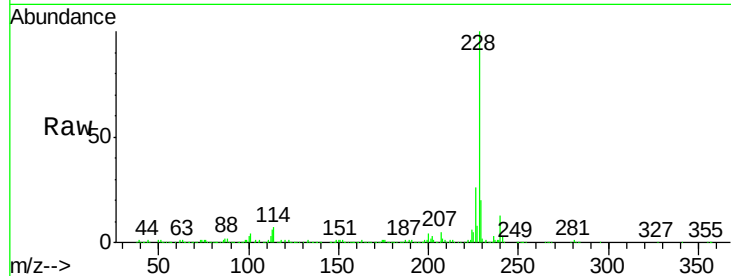
Tot Ion:228 Resp: 988916

Ion Ratio Lower Upper

228 100

226 26.1 21.1 31.7

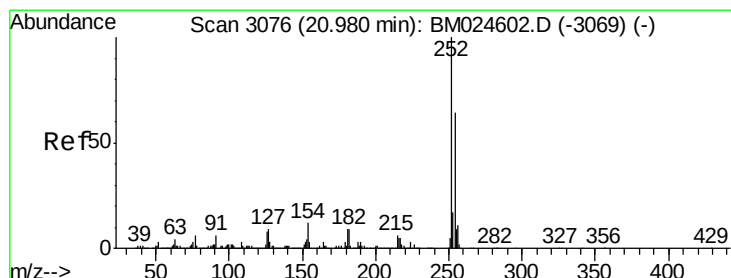
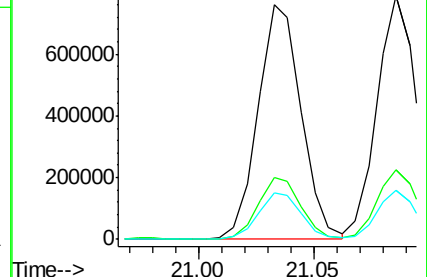
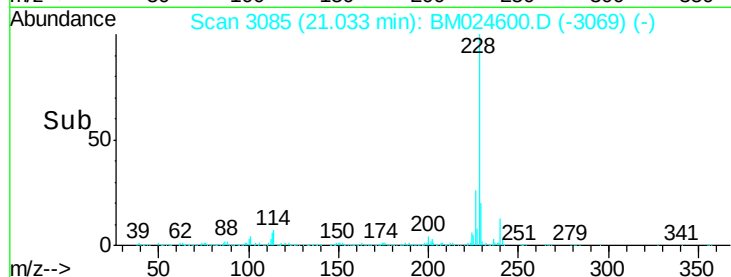
229 19.7 15.8 23.6



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: 11.124 ng

RT: 20.98 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

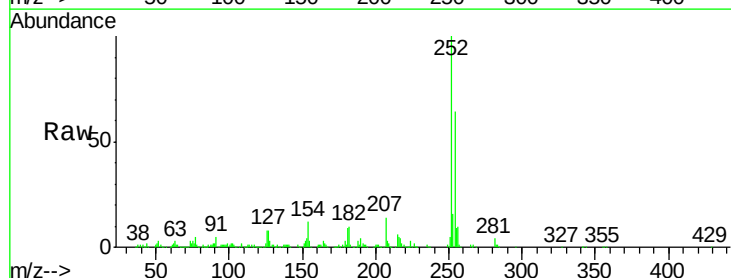
Tgt Ion:252 Resp: 337635

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

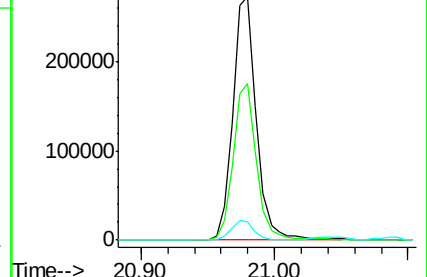
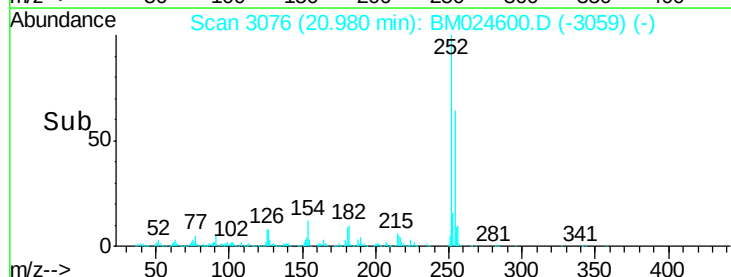
126 7.6 6.7 10.1

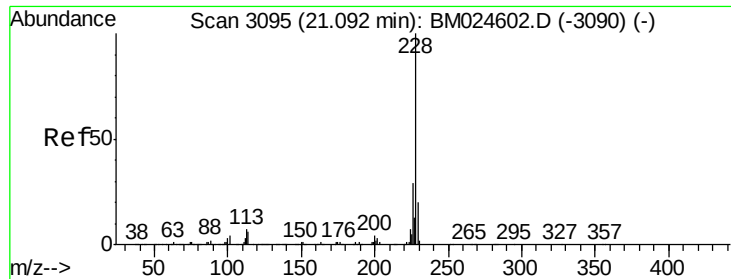


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.041 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

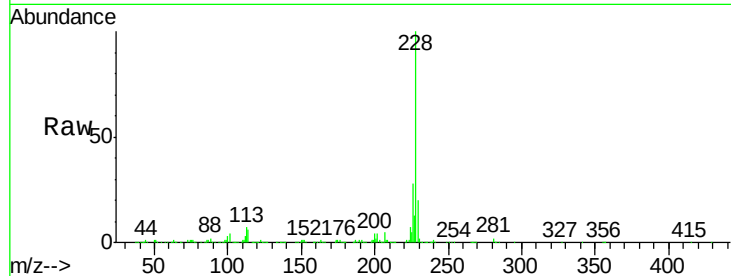
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 944724

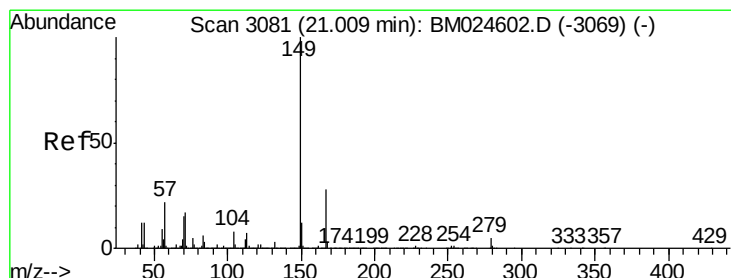
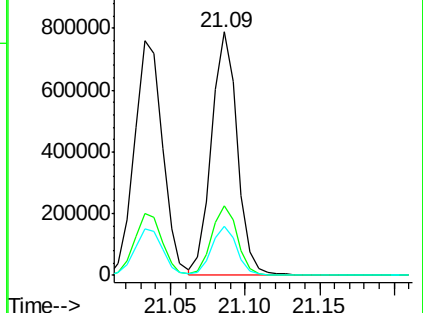
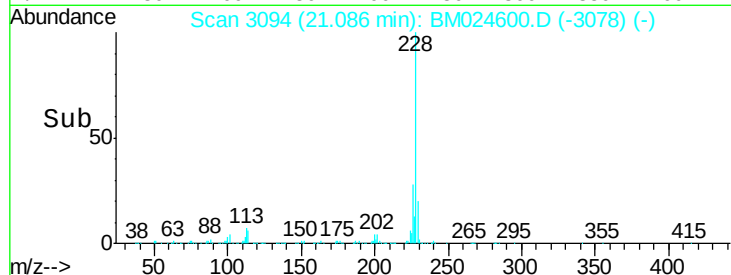
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.2	34.8
229	20.3	15.7	23.5



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: 10.132 ng

RT: 21.01 min Scan# 3081

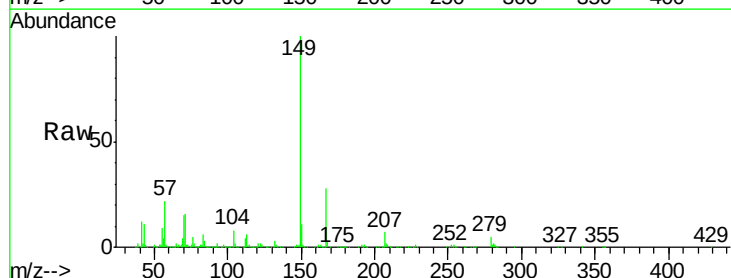
Delta R.T. 0.00 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Tgt Ion:149 Resp: 532537

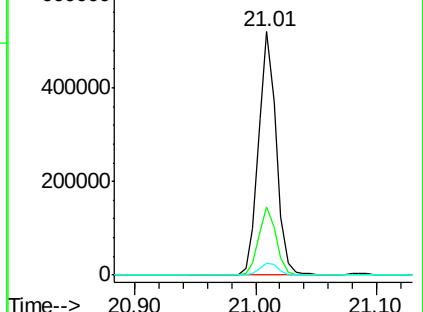
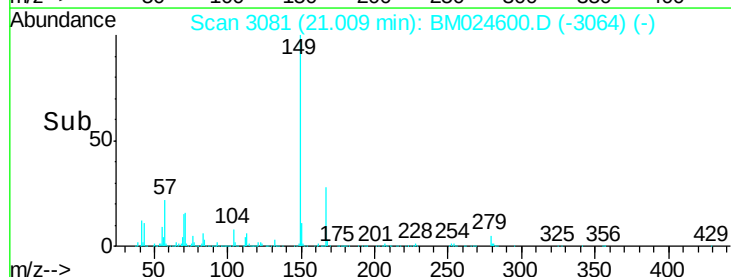
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	5.0	4.0	6.0

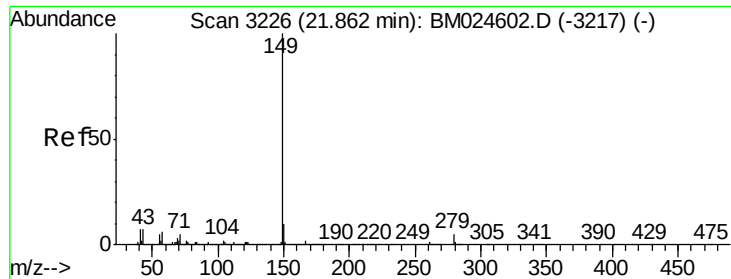


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

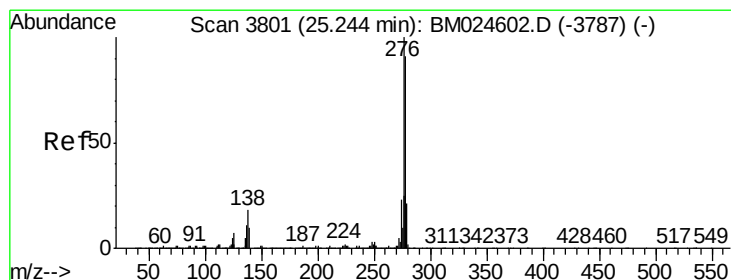
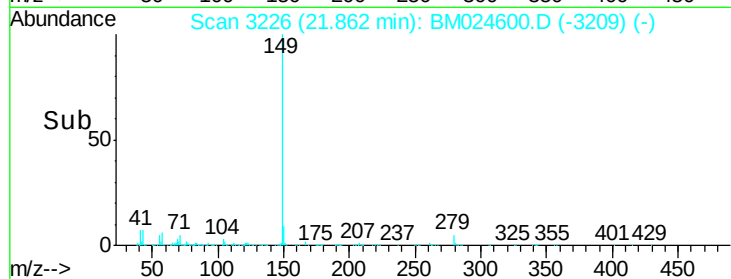
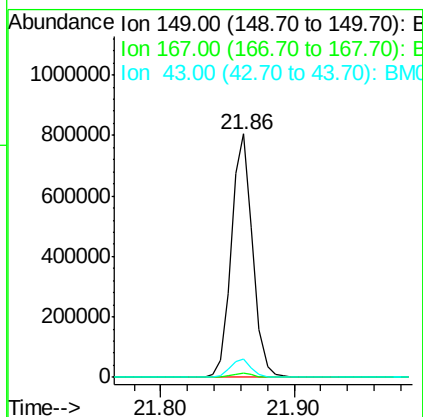
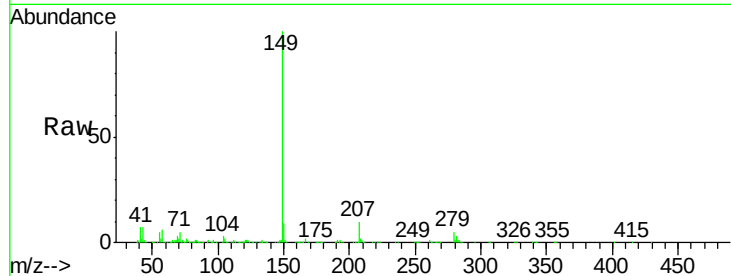




#85
Di-n-octyl phthalate
Concen: 10.923 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

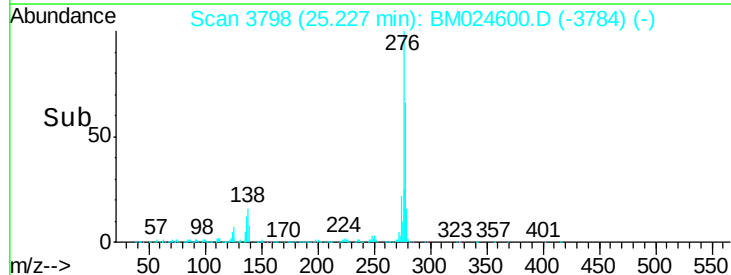
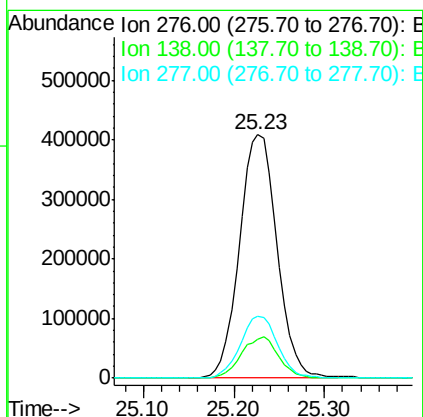
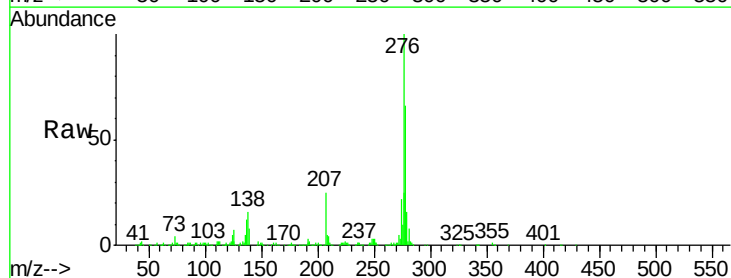
Instrument :
BNA_M
ClientSampled :

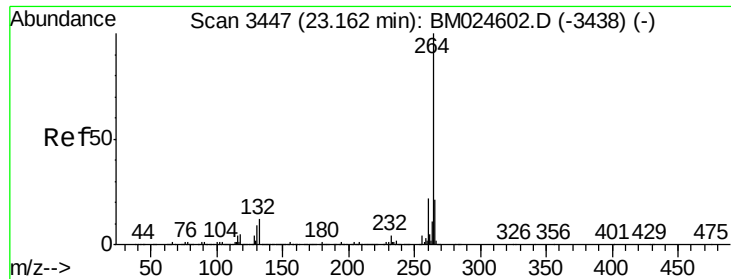
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.4	5.8	8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 12.609 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.4	20.0
277	25.2	19.6	29.4

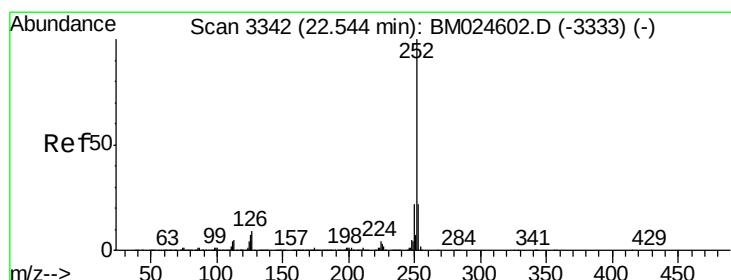
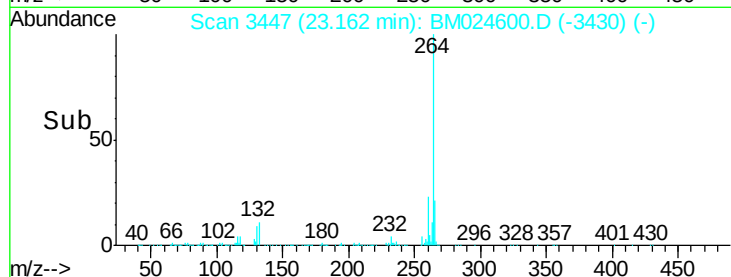
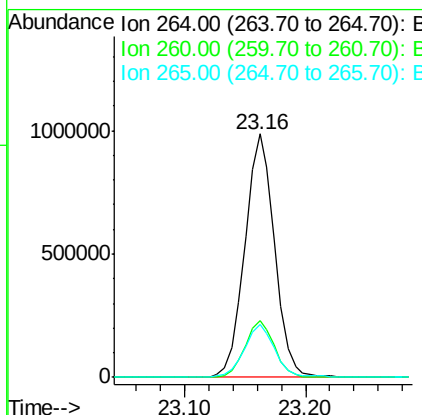
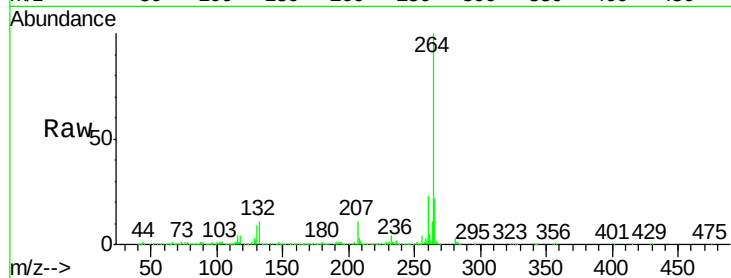




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

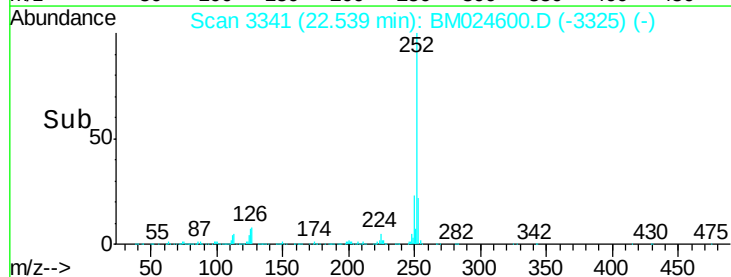
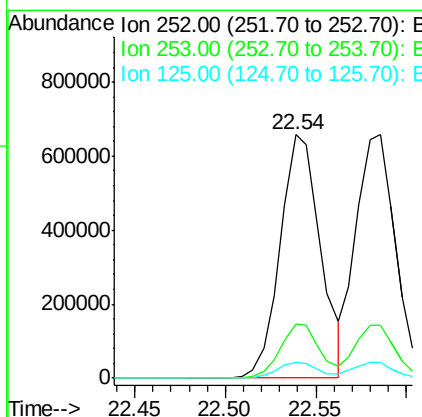
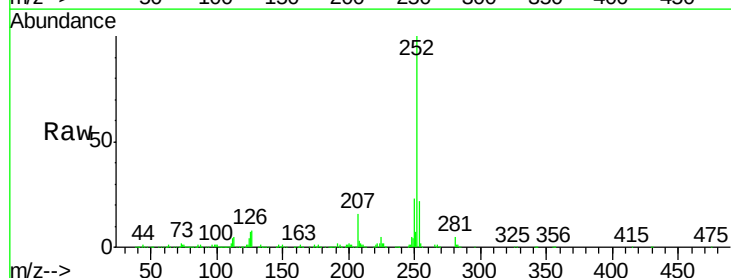
Instrument :
BNA_M
ClientSampleId :

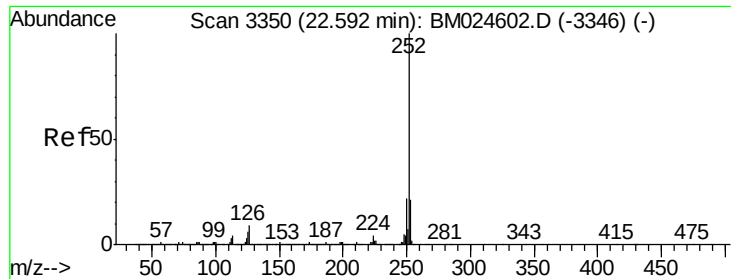
Tot Ion:264 Resp: 1691771
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 21.8 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 8.931 ng
RT: 22.54 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BM024600.D
Acq: 23 Jan 2020 10:34

Tgt Ion:252 Resp: 1022277
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 6.6 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 9.087 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

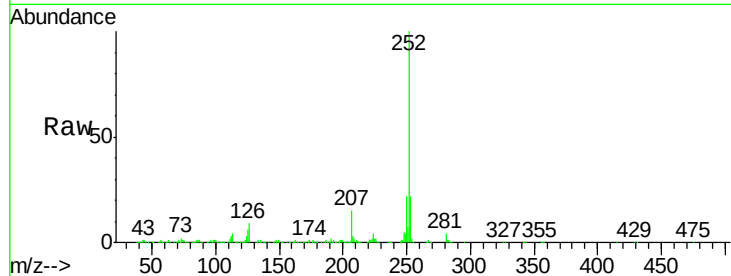
Tot Ion:252 Resp: 999344

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

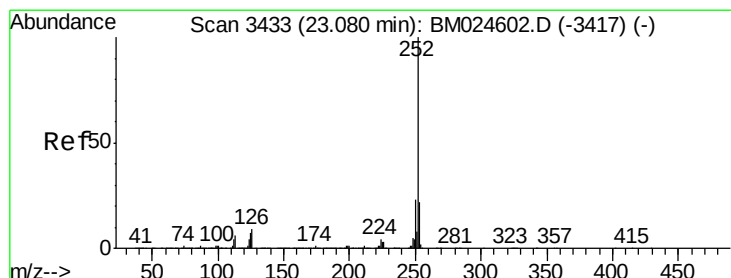
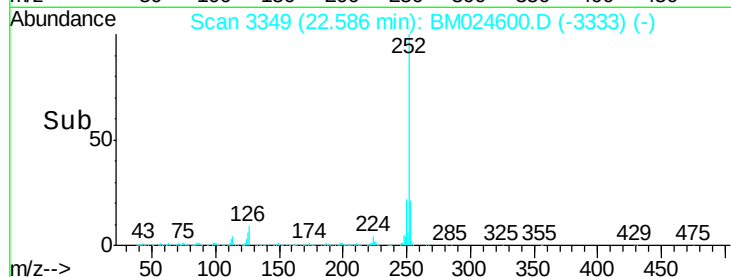
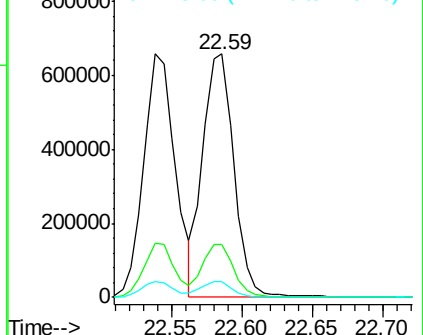
125 6.4 5.2 7.8



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: 9.204 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

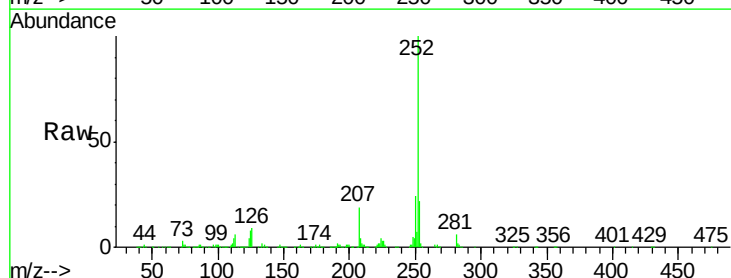
Tgt Ion:252 Resp: 938480

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

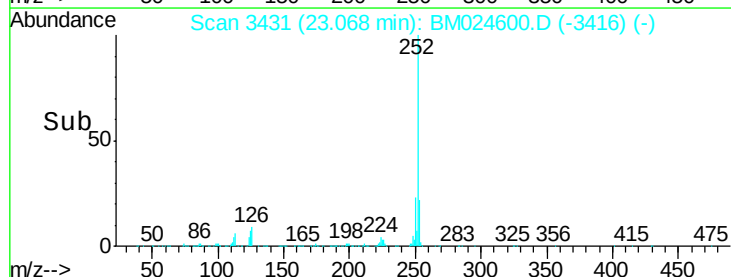
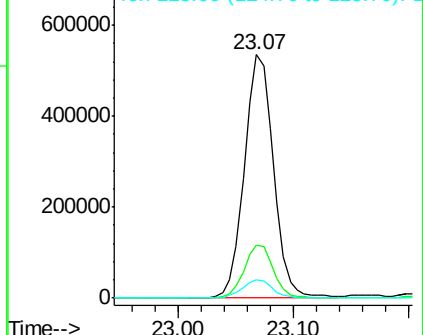
125 7.5 5.8 8.8

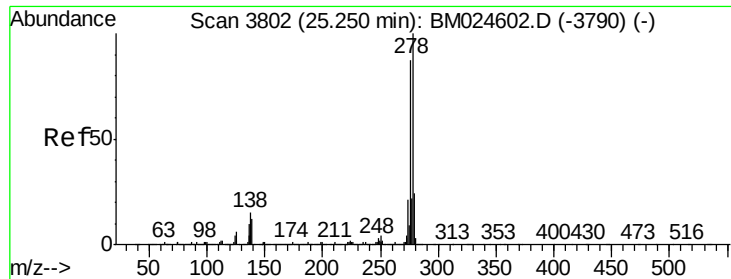


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 10.807 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

Instrument :

BNA_M

ClientSampleId :

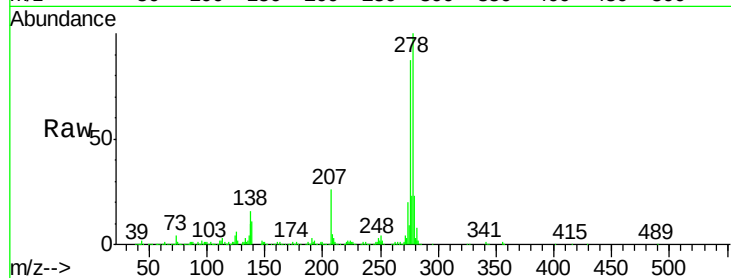
Tot Ion:278 Resp: 982396

Ion Ratio Lower Upper

278 100

139 11.4 9.3 13.9

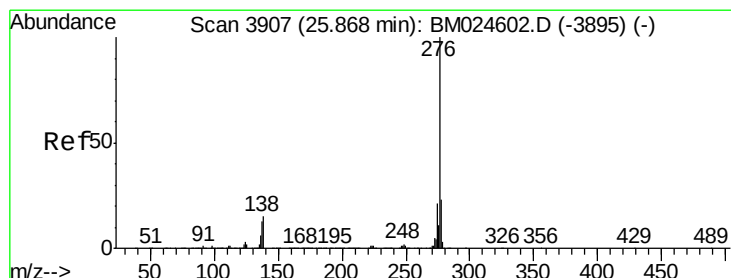
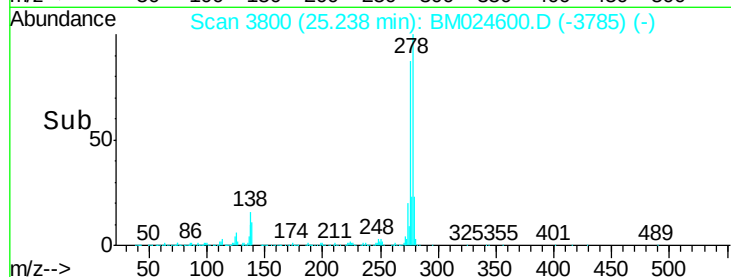
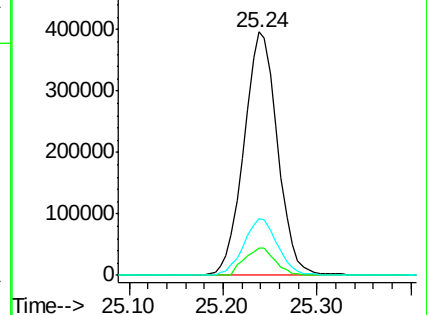
279 23.2 18.9 28.3



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: 11.313 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024600.D

Acq: 23 Jan 2020 10:34

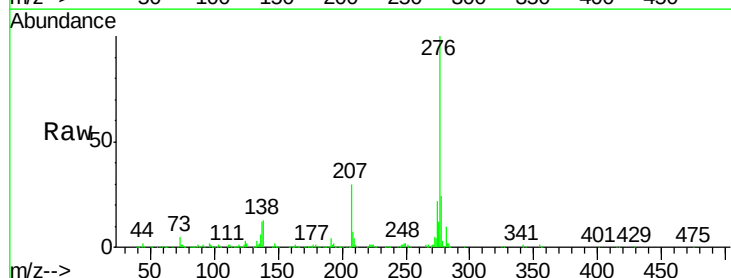
Tgt Ion:276 Resp: 929251

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 13.5 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

