

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024604.D
 Acq On : 23 Jan 2020 12:58
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 23 13:30:53 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	252107	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	998033	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	706075	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1624970	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1662155	20.00	ng	0.00
87) Perylene-d12	23.16	264	1745565	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1554415	109.85	ng	0.00
7) Phenol-d6	6.65	99	2164434	115.04	ng	0.00
23) Nitrobenzene-d5	8.59	82	2458674	118.95	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1382509	142.37	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	6205105	117.65	ng	0.00
79) Terphenyl-d14	19.50	244	11220761	141.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	304149	50.072	ng	99
3) Pyridine	3.45	79	877515	49.931	ng	100
4) n-Nitrosodimethylamine	3.37	42	393664	41.985	ng	95
6) Aniline	6.79	93	1316792	56.062	ng	99
8) 2-Chlorophenol	7.02	128	889874	56.063	ng	97
9) Benzaldehyde	6.60	77	533048	57.179	ng	99
10) Phenol	6.67	94	1075756	55.833	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	863676	56.197	ng	100
12) 1,3-Dichlorobenzene	7.34	146	1074754	54.422	ng	98
13) 1,4-Dichlorobenzene	7.48	146	1086375	54.423	ng	100
14) 1,2-Dichlorobenzene	7.79	146	1057873	54.743	ng	99
15) Benzyl Alcohol	7.69	79	894919	60.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	785790	39.119	ng	98
17) 2-Methylphenol	7.90	107	763484	57.959	ng	98
18) Hexachloroethane	8.51	117	420061	56.820	ng	99
19) n-Nitroso-di-n-propylamine	8.26	70	803361	59.407	ng	97
20) 3+4-Methylphenols	8.23	107	1054501	58.603	ng	99
22) Acetophenone	8.26	105	1543823	55.342	ng	99
24) Nitrobenzene	8.63	77	1163262	57.432	ng	100
25) Isophorone	9.16	82	2085739	60.229	ng	99
26) 2-Nitrophenol	9.33	139	562562	79.346	ng	98
27) 2,4-Dimethylphenol	9.41	122	747584	61.178	ng	97
28) bis(2-Chloroethoxy)methane	9.65	93	1268871	59.717	ng	99
29) 2,4-Dichlorophenol	9.86	162	1014178	63.219	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	1200229	61.397	ng	99
31) Naphthalene	10.26	128	3031507	56.238	ng	99
32) Benzoic acid	9.60	122	635883	80.931	ng	98
33) 4-Chloroaniline	10.37	127	1345085	56.282	ng	99
34) Hexachlorobutadiene	10.56	225	820535	63.554	ng	99
35) Caprolactam	11.17	113	270613	55.335	ng	99
36) 4-Chloro-3-methylphenol	11.52	107	1071745	63.725	ng	97
37) 2-Methylnaphthalene	11.88	142	2347646	59.448	ng	99
38) 1-Methylnaphthalene	12.10	142	2231845	59.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1514980	61.416	ng	100

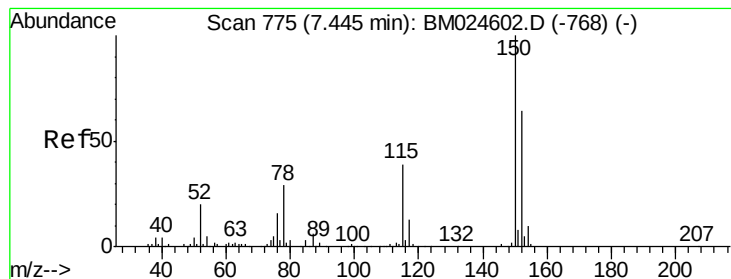
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024604.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	853508	62.676	ng	99
43) 2,4,6-Trichlorophenol	12.51	196	966966	68.823	ng	100
44) 2,4,5-Trichlorophenol	12.58	196	999002	66.067	ng	99
46) 1,1'-Biphenyl	12.92	154	3205697	56.487	ng	100
47) 2-Chloronaphthalene	12.96	162	2594755	56.411	ng	100
48) 2-Nitroaniline	13.16	65	798895	57.230	ng	98
49) Acenaphthylene	13.81	152	3886535	55.808	ng	100
50) Dimethylphthalate	13.57	163	3401520	58.116	ng	100
51) 2,6-Dinitrotoluene	13.68	165	729673	58.450	ng	96
52) Acenaphthene	14.16	154	2400697	56.379	ng	99
53) 3-Nitroaniline	14.01	138	762473	55.956	ng	98
54) 2,4-Dinitrophenol	14.22	184	464406	92.006	ng	98
55) Dibenzofuran	14.50	168	3898487	56.564	ng	100
56) 4-Nitrophenol	14.33	139	606019	59.896	ng	100
57) 2,4-Dinitrotoluene	14.47	165	1053847	59.133	ng	99
58) Fluorene	15.15	166	3307153	56.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	1000894	71.156	ng	99
60) Diethylphthalate	14.96	149	3466098	57.384	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	1891772	59.558	ng	100
62) 4-Nitroaniline	15.19	138	849393	55.109	ng	98
63) Azobenzene	15.45	77	2963124	54.737	ng	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	601205	86.484	ng	98
66) n-Nitrosodiphenylamine	15.37	169	2827964	58.850	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	1223401	62.393	ng	99
68) Hexachlorobenzene	16.16	284	1381369	60.486	ng	98
69) Atrazine	16.34	200	1088601	82.200	ng	99
70) Pentachlorophenol	16.50	266	868246	75.305	ng	100
71) Phenanthrene	16.89	178	5289094	57.060	ng	99
72) Anthracene	16.98	178	5188974	57.122	ng	100
73) Carbazole	17.25	167	4726098	55.655	ng	100
74) Di-n-butylphthalate	17.84	149	6076975	62.033	ng	100
75) Fluoranthene	18.92	202	6648855	60.019	ng	100
77) Benzidine	19.11	184	1903494	78.259	ng	99
78) Pyrene	19.28	202	6744073	61.565	ng	99
80) Butylbenzylphthalate	20.22	149	2864096	78.459	ng	99
81) Benzo(a)anthracene	21.04	228	7005610	61.166	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	2541828	72.753	ng	100
83) Chrysene	21.09	228	6676876	61.650	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	4186135	69.191	ng	100
85) Di-n-octyl phthalate	21.86	149	6953748	74.128	ng	100
86) Indeno(1,2,3-cd)pyrene	25.25	276	6751522	62.804	ng	98
88) Benzo(b)fluoranthene	22.55	252	6904775	58.462	ng	100
89) Benzo(k)fluoranthene	22.59	252	6840525	60.281	ng	99
90) Benzo(a)pyrene	23.08	252	6310184	59.980	ng	99
91) Dibenzo(a,h)anthracene	25.26	278	5706675	60.844	ng	100
92) Benzo(g,h,i)perylene	25.87	276	5079659	59.938	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

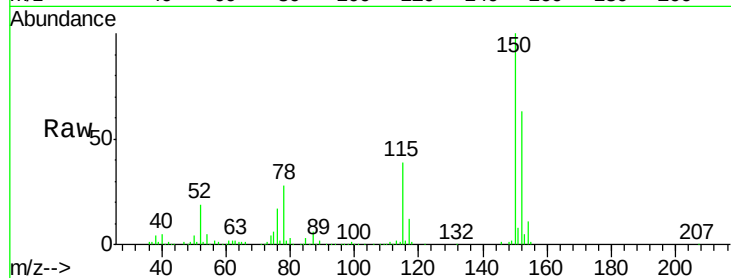
Tot Ion:152 Resp: 252107

Ion Ratio Lower Upper

152 100

150 157.5 124.2 186.4

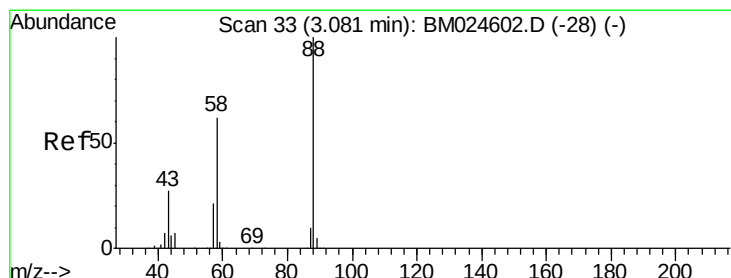
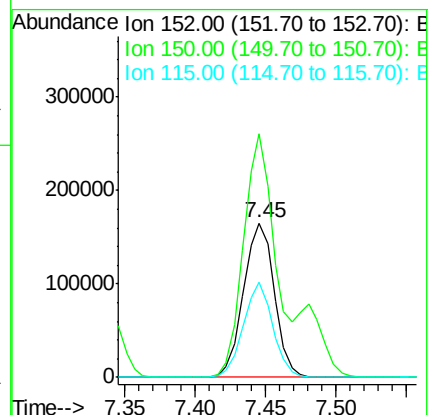
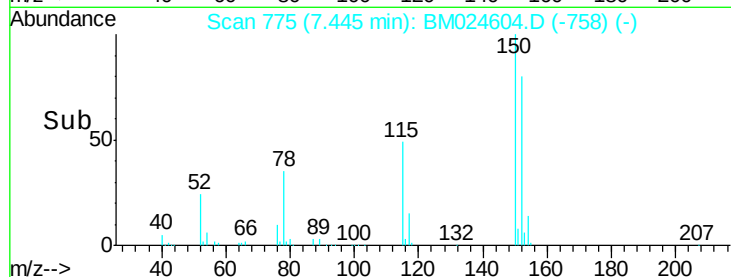
115 61.1 48.6 72.8



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: 50.072 ng

RT: 3.08 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

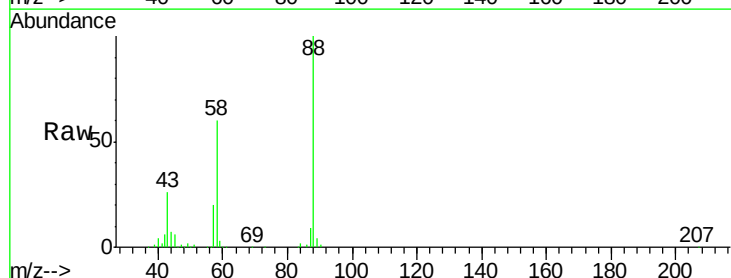
Tgt Ion: 88 Resp: 304149

Ion Ratio Lower Upper

88 100

58 61.9 50.0 75.0

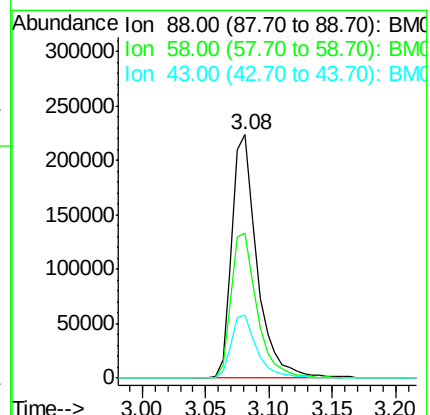
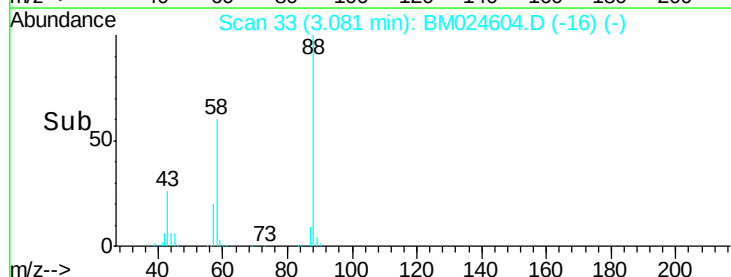
43 26.5 21.6 32.4

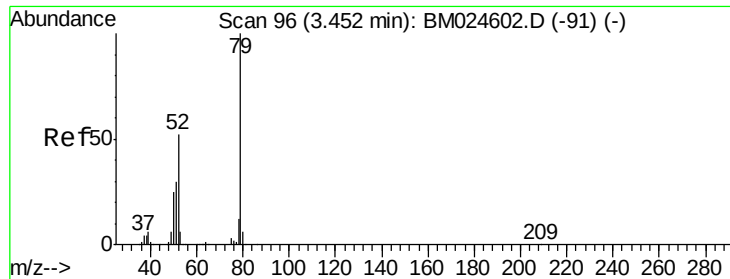


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 49.931 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

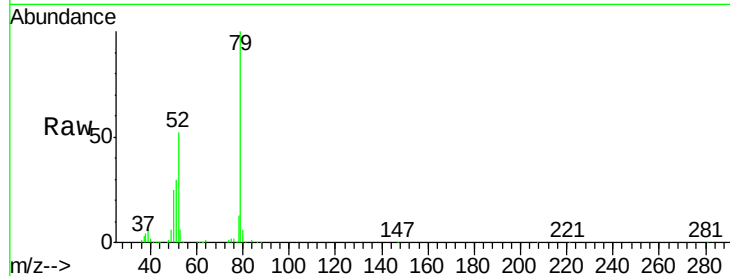
Tot Ion: 79 Resp: 877515

Ion Ratio Lower Upper

79 100

52 51.8 41.4 62.2

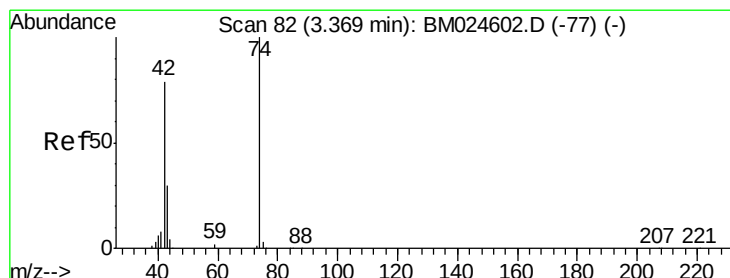
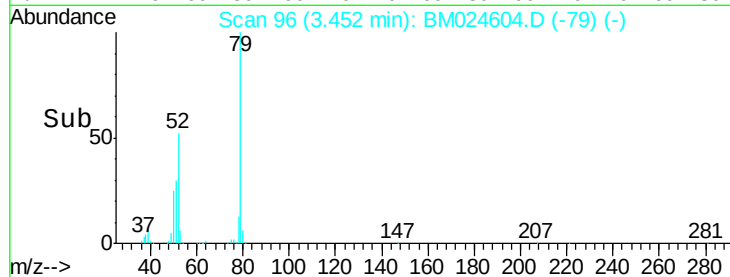
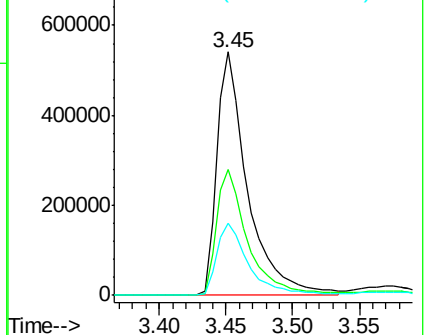
51 29.8 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM024604.D (-91) (-)

Ion 52.00 (51.70 to 52.70): BM024604.D (-91) (-)

Ion 51.00 (50.70 to 51.70): BM024604.D (-91) (-)



#4

n-Nitrosodimethylamine

Concen: 41.985 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

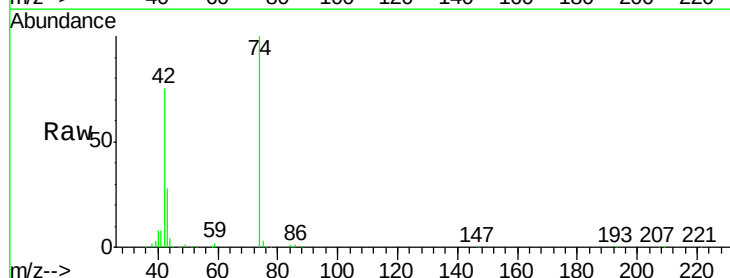
Tgt Ion: 42 Resp: 393664

Ion Ratio Lower Upper

42 100

74 132.9 101.4 152.2

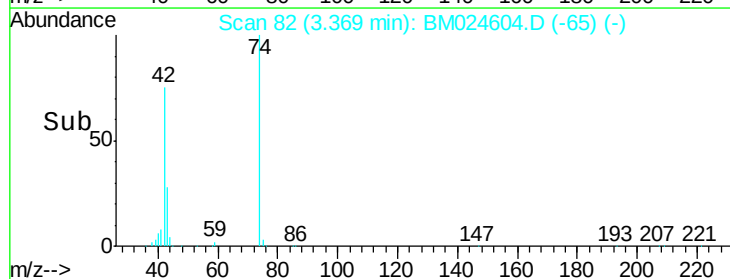
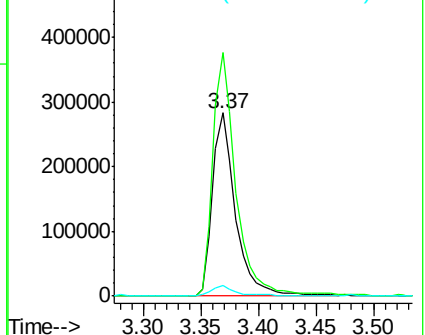
44 5.6 4.6 6.8

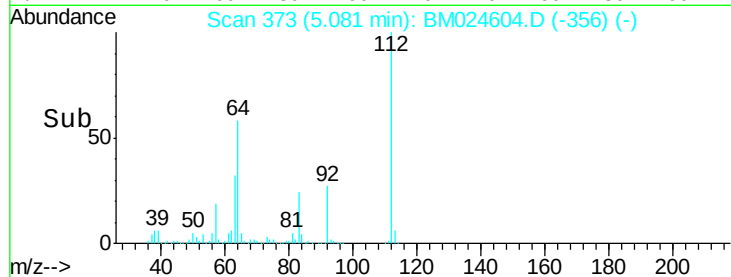
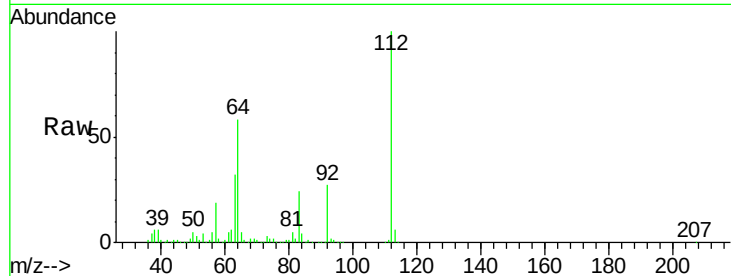
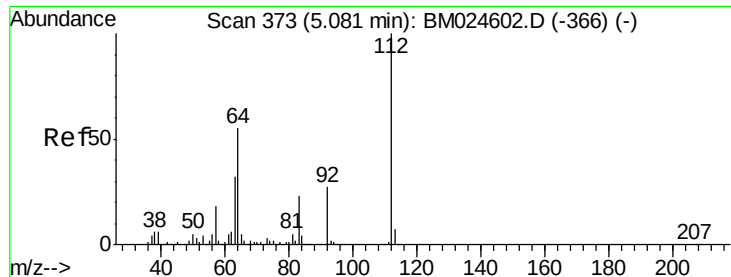


Abundance Ion 42.00 (41.70 to 42.70): BM024604.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM024604.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM024604.D (-77) (-)





#5

2-Fluorophenol

Concen: 109.847 ng

RT: 5.08 min Scan# 373

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

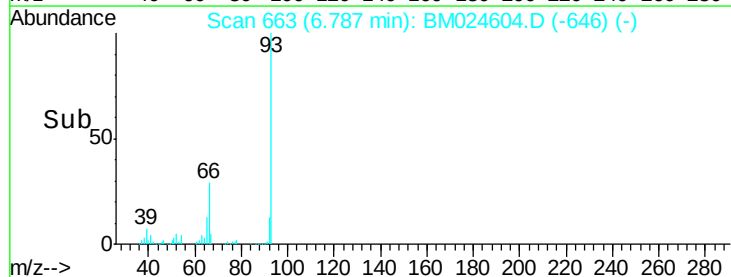
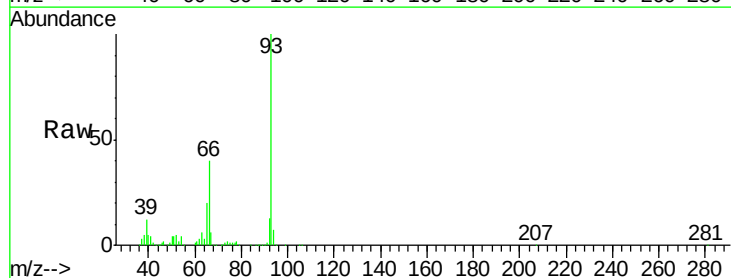
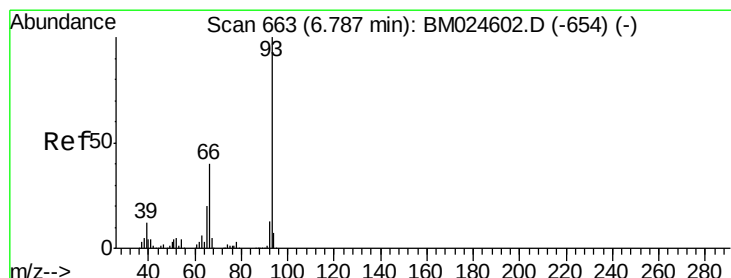
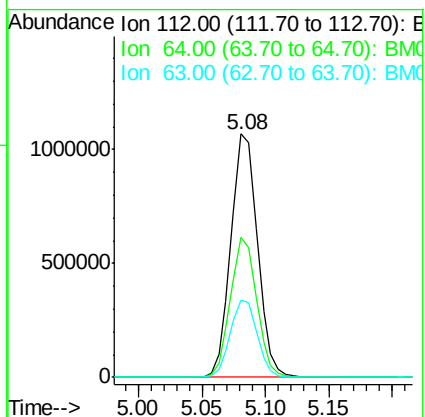
Tot Ion:112 Resp: 1554415

Ion Ratio Lower Upper

112 100

64 57.7 44.2 66.4

63 31.9 25.9 38.9



#6

Aniline

Concen: 56.062 ng

RT: 6.79 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

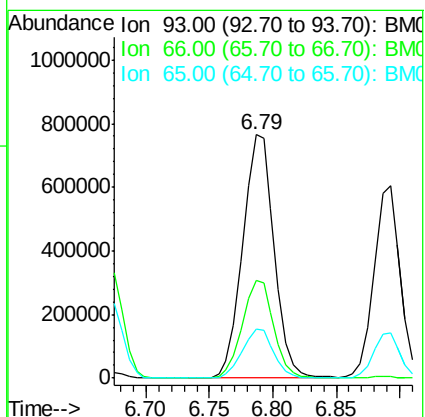
Tgt Ion: 93 Resp: 1316792

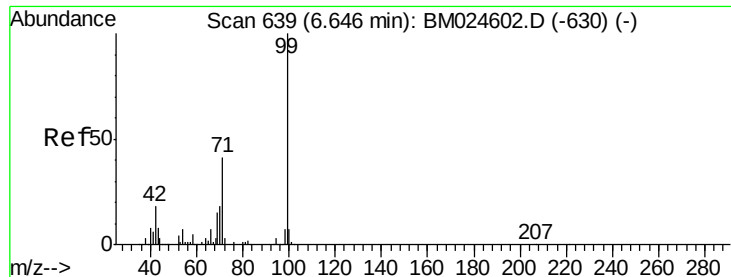
Ion Ratio Lower Upper

93 100

66 40.3 31.8 47.8

65 20.2 15.8 23.6





#7

Phenol-d6

Concen: 115.039 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

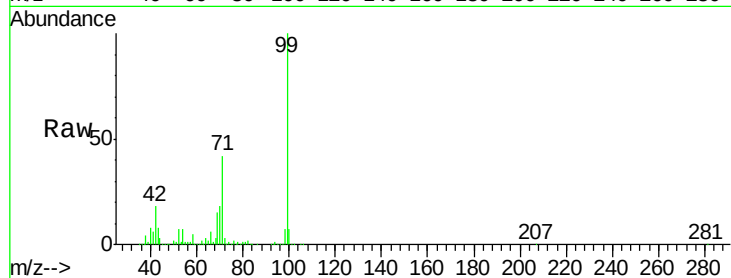
Tot Ion: 99 Resp: 2164434

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

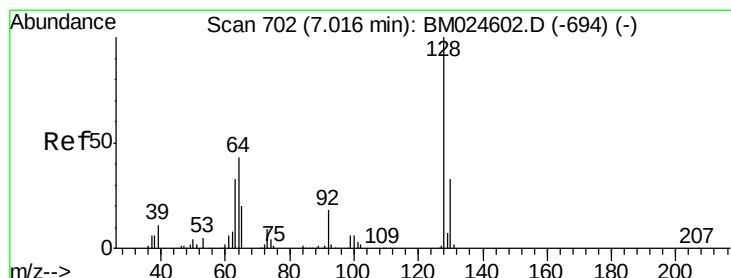
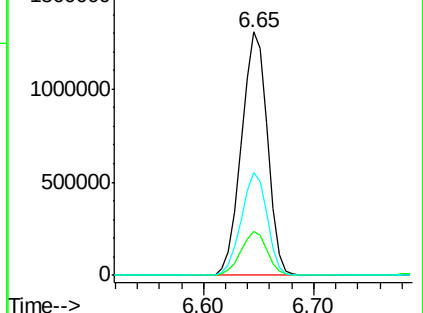
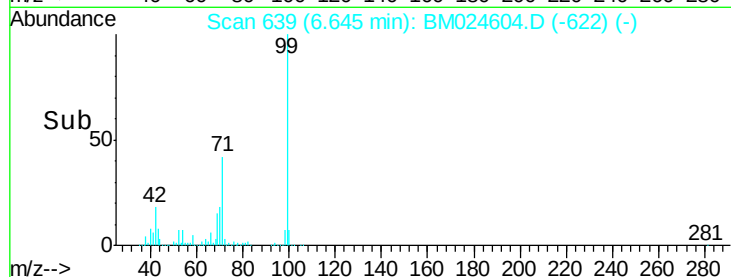
71 42.1 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024604.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024604.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024604.D (-622) (-)



#8

2-Chlorophenol

Concen: 56.063 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

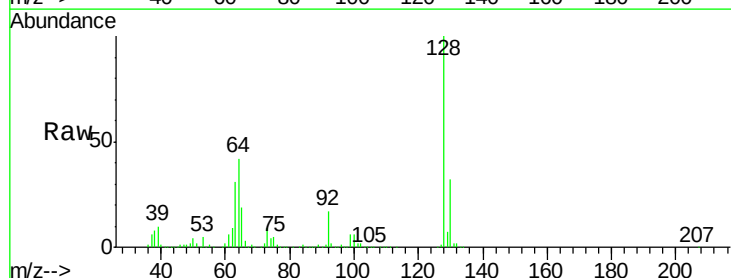
Tgt Ion: 128 Resp: 889874

Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

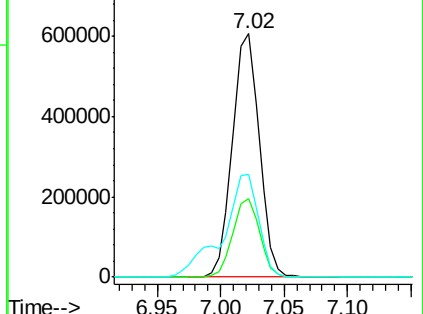
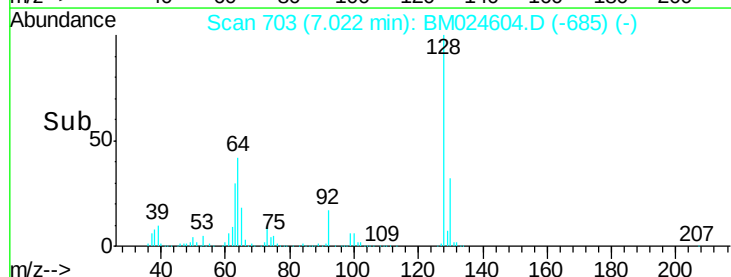
64 42.4 26.1 66.1

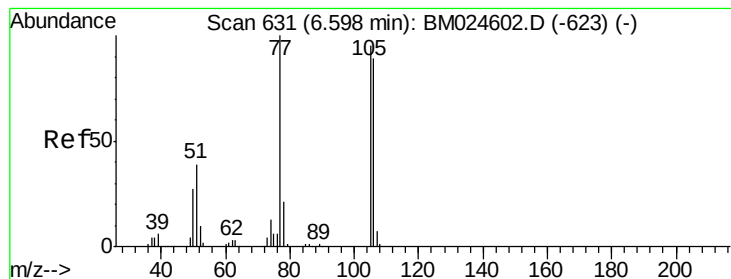


Abundance Ion 128.00 (127.70 to 128.70): BM024604.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024604.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024604.D (-685) (-)





#9

Benzaldehyde

Concen: 57.179 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

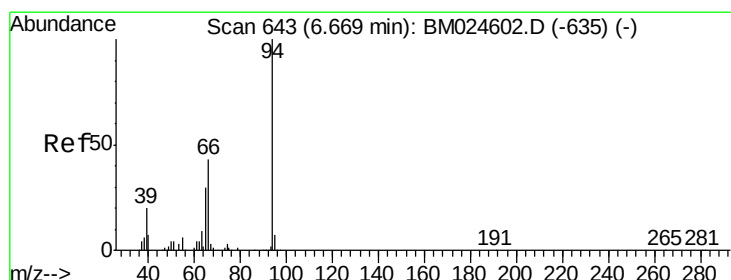
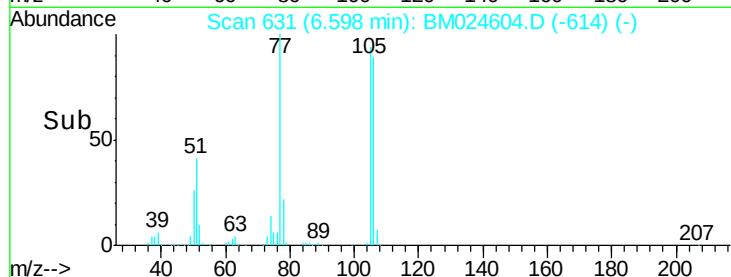
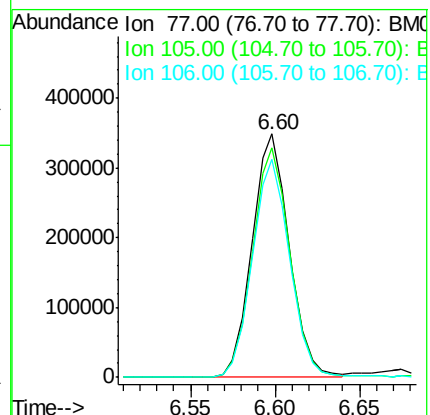
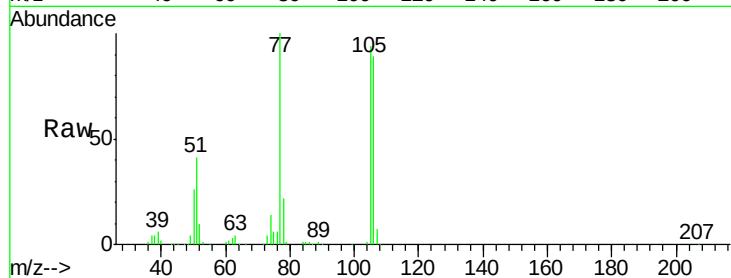
Tot Ion: 77 Resp: 533048

Ion Ratio Lower Upper

77 100

105 94.3 75.2 115.2

106 89.3 68.6 108.6



#10

Phenol

Concen: 55.833 ng

RT: 6.67 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

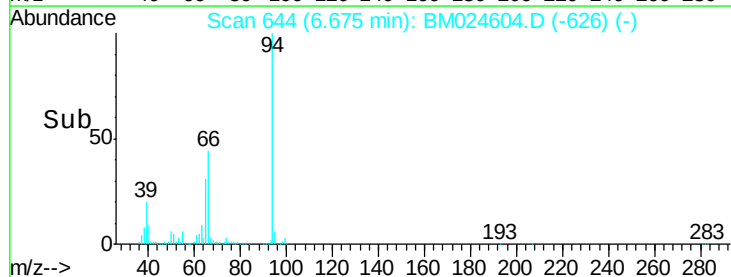
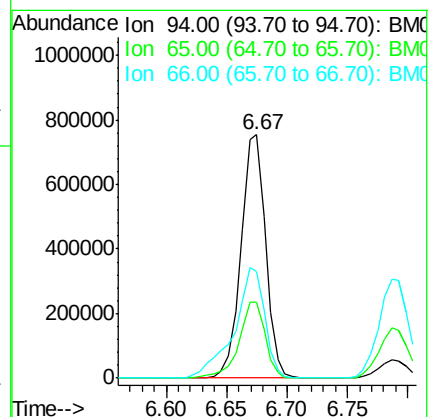
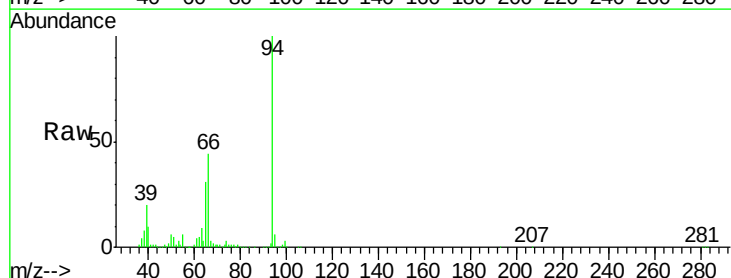
Tgt Ion: 94 Resp: 1075756

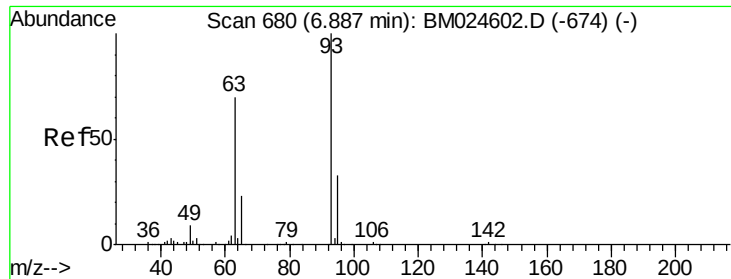
Ion Ratio Lower Upper

94 100

65 31.1 10.3 50.3

66 43.8 24.8 64.8

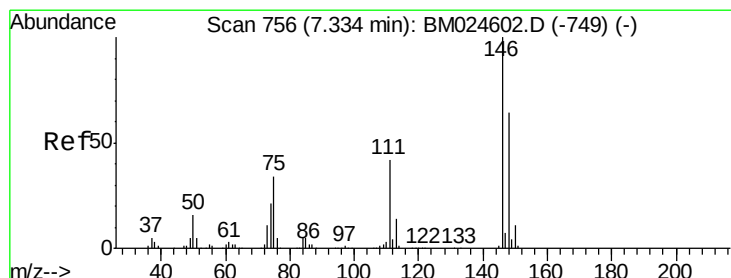
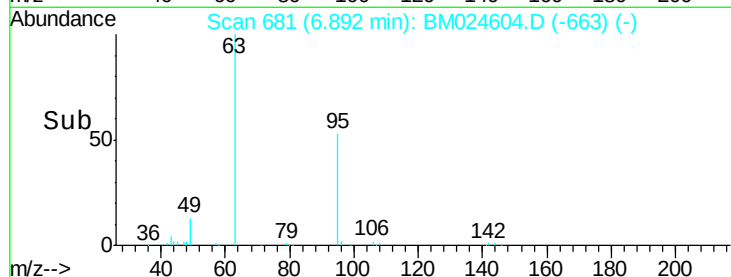
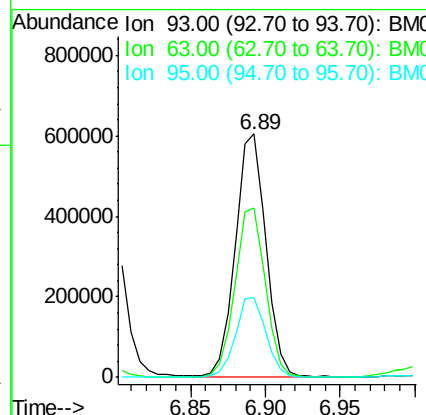
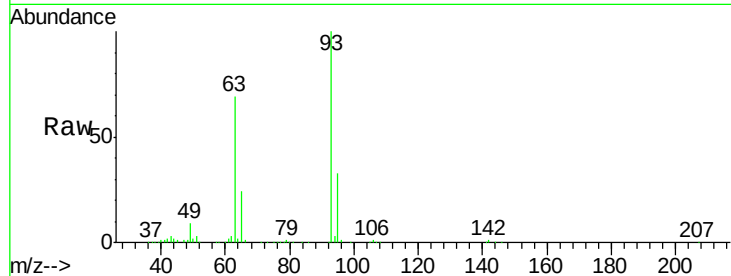




#11
bis(2-Chloroethyl)ether
Concen: 56.197 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

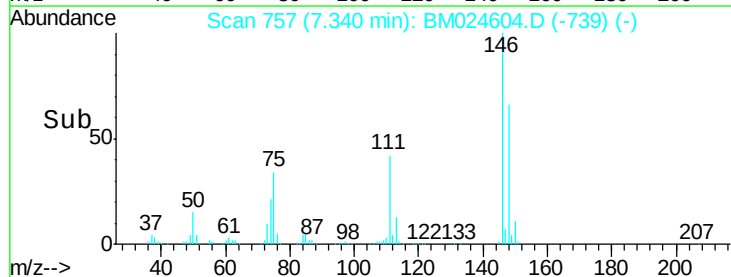
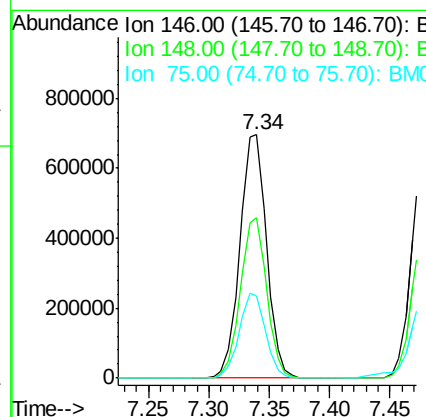
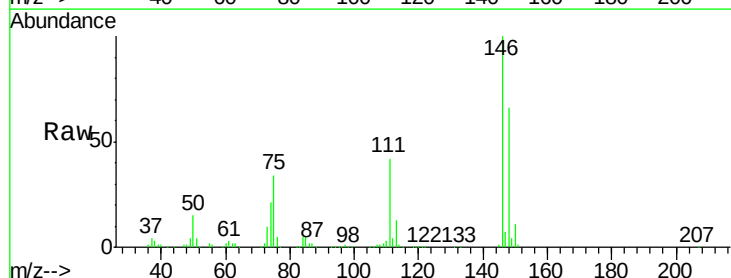
Instrument :
BNA_M
ClientSampleId :

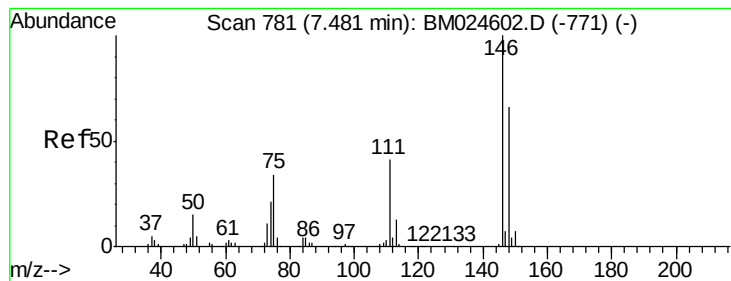
Tot Ion: 93 Resp: 863676
Ion Ratio Lower Upper
93 100
63 69.4 49.6 89.6
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 54.422 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion: 146 Resp: 1074754
Ion Ratio Lower Upper
146 100
148 66.0 51.0 76.6
75 33.8 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 54.423 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

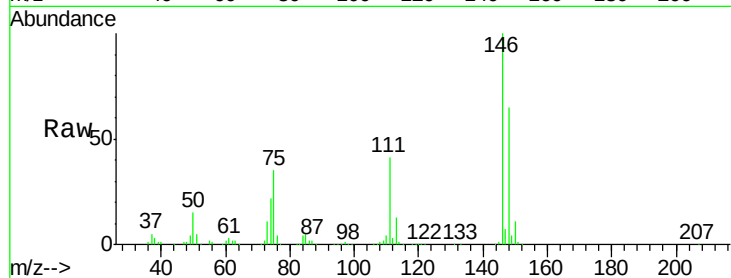
Instrument :

BNA_M

ClientSampled :

Tot Ion:146 Resp: 1086375

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
111	41.4	33.0	49.4

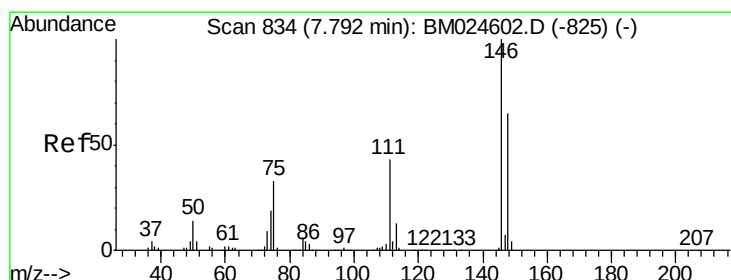
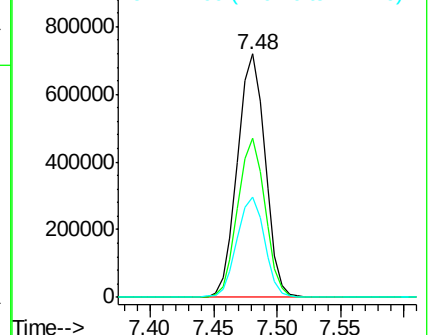
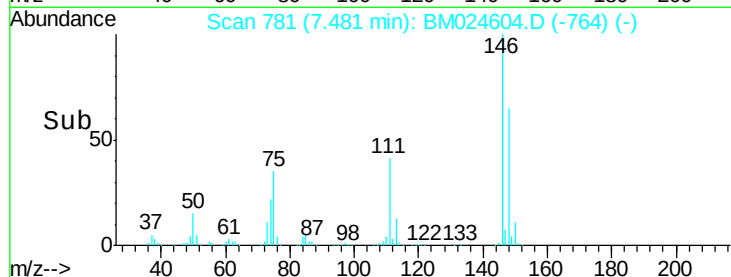


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 54.743 ng

RT: 7.79 min Scan# 834

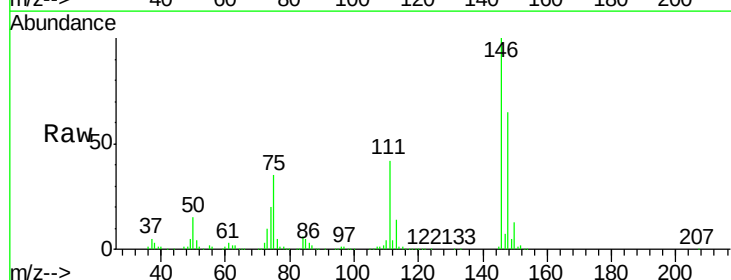
Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:146 Resp: 1057873

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	42.0	34.5	51.7

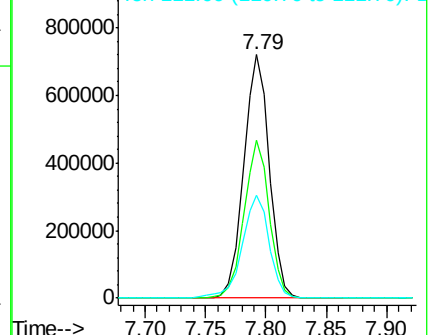
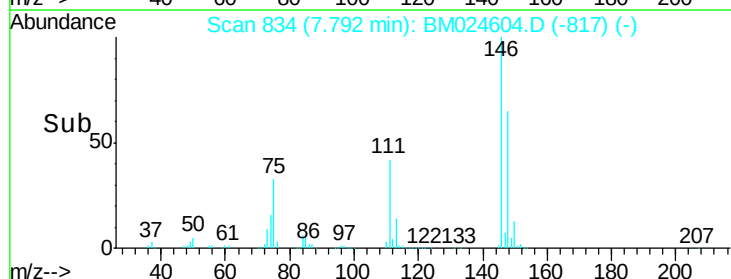


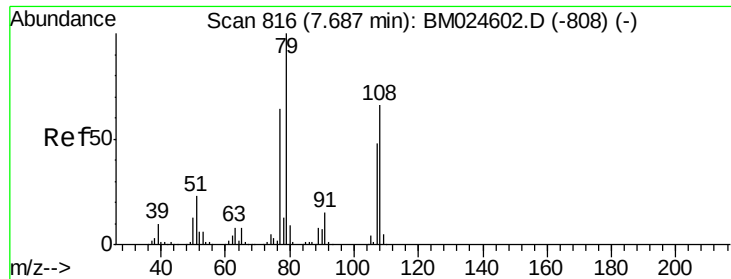
Abundance

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: 60.560 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

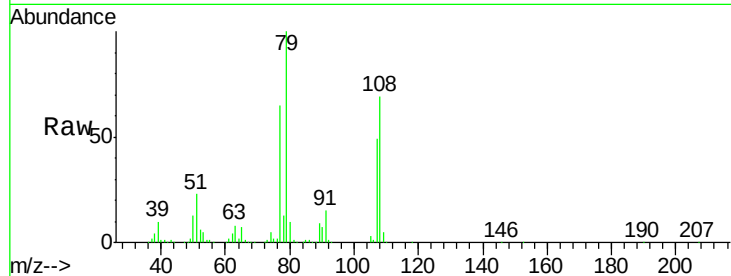
Tot Ion: 79 Resp: 894919

Ion Ratio Lower Upper

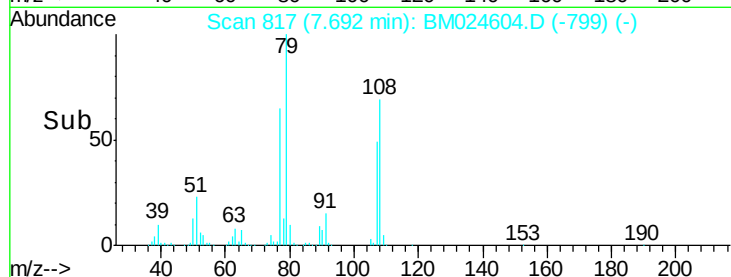
79 100

108 68.8 53.0 79.4

77 65.0 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024604.D (-799) (-)

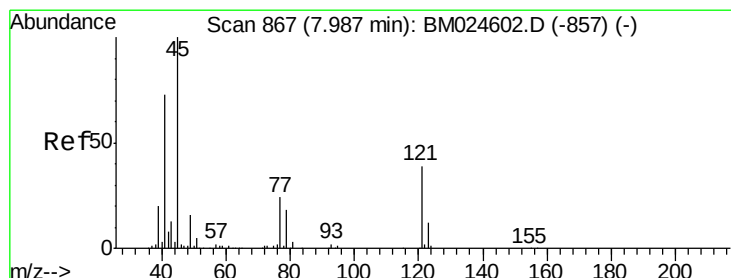


Ion 108.00 (107.70 to 108.70): BM024604.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024604.D (-799) (-)

Time-->

7.69



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.119 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

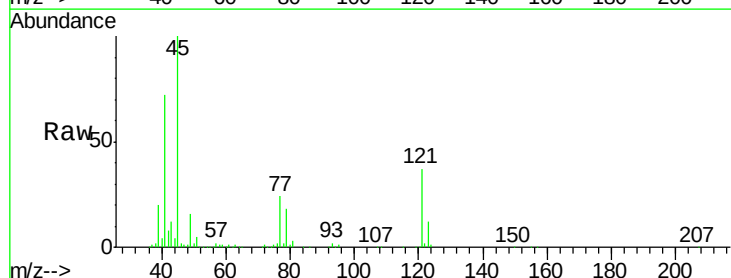
Tgt Ion: 45 Resp: 785790

Ion Ratio Lower Upper

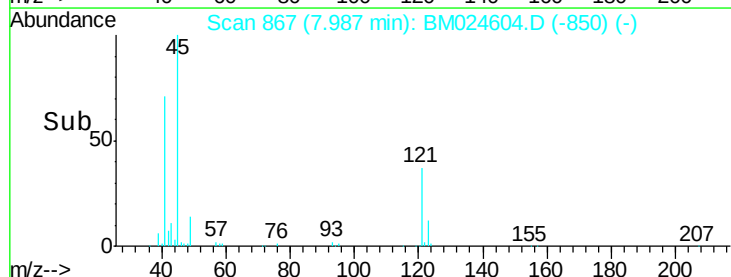
45 100

77 24.1 5.2 45.2

79 18.1 0.0 39.4



Abundance Ion 45.00 (44.70 to 45.70): BM024604.D (-850) (-)

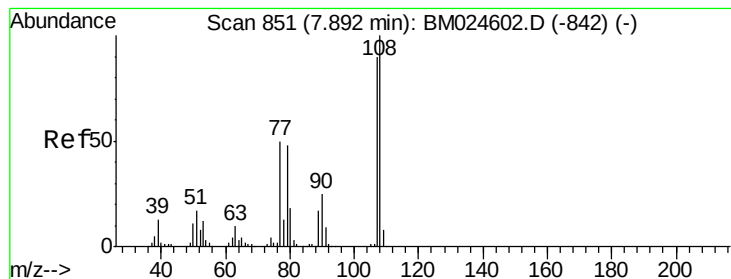


Ion 77.00 (76.70 to 77.70): BM024604.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024604.D (-850) (-)

Time-->

7.99



#17

2-Methylphenol

Concen: 57.959 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 763484

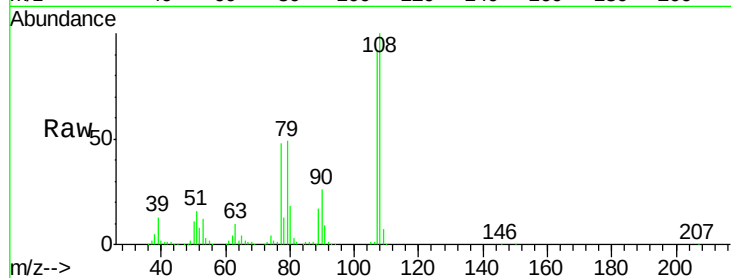
Ion Ratio Lower Upper

107 100

108 109.3 88.9 133.3

77 52.9 44.5 66.7

79 53.0 42.9 64.3

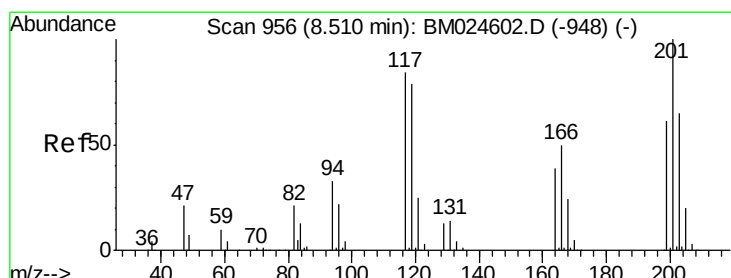
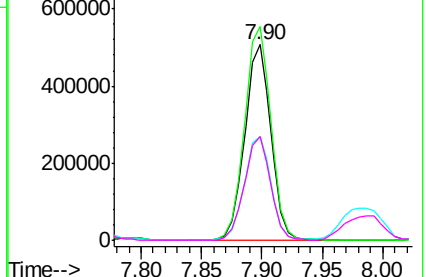
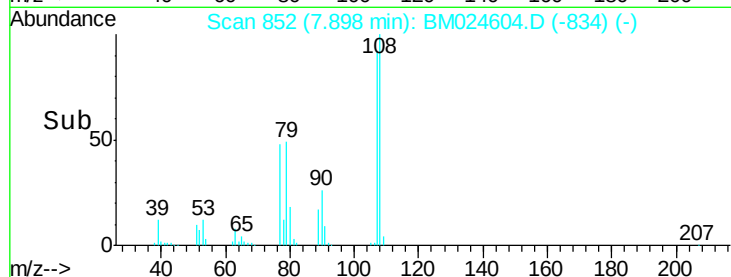


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 56.820 ng

RT: 8.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

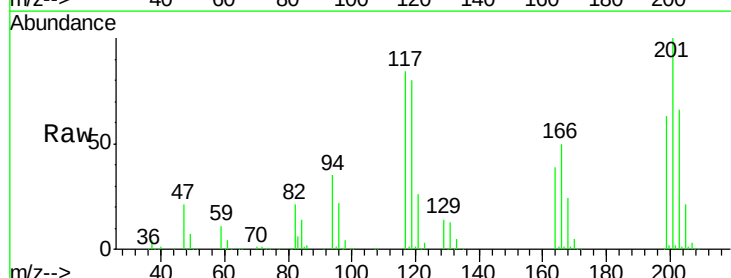
Tgt Ion:117 Resp: 420061

Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

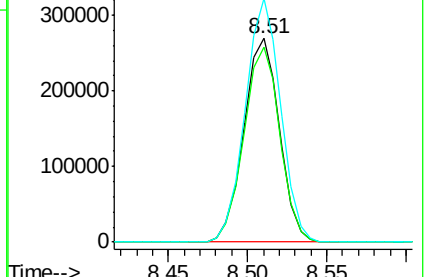
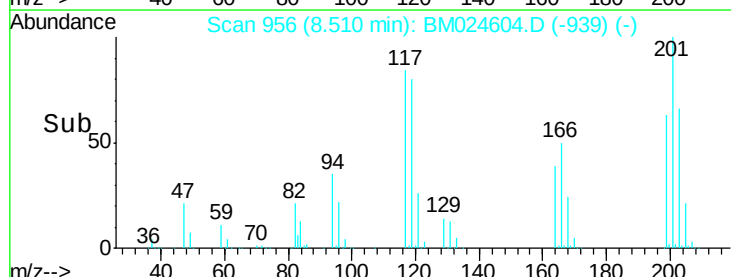
201 119.5 95.8 143.6

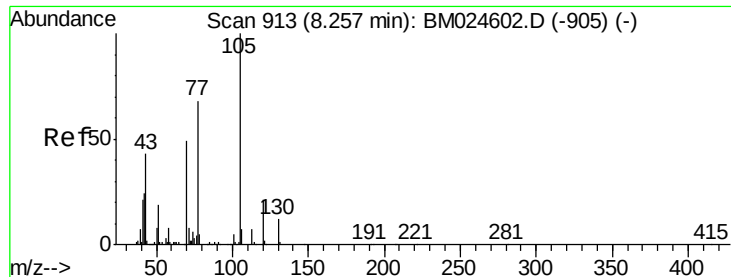


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

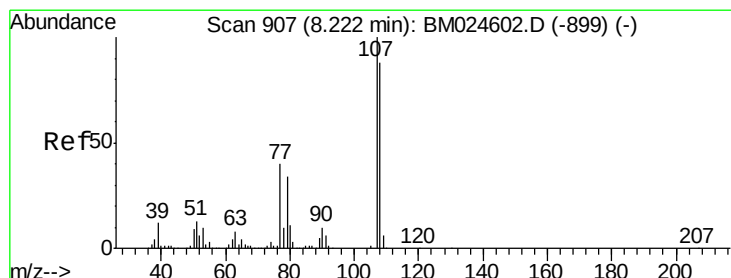
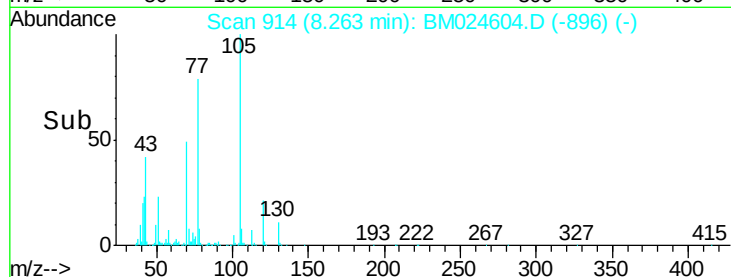
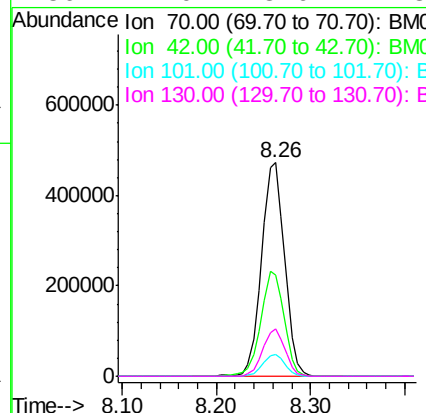
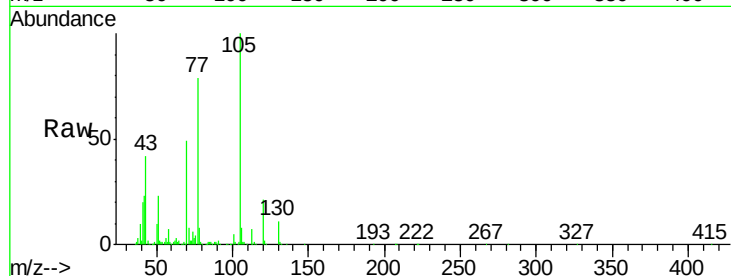




#19
n-Nitroso-di-n-propylamine
Concen: 59.407 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

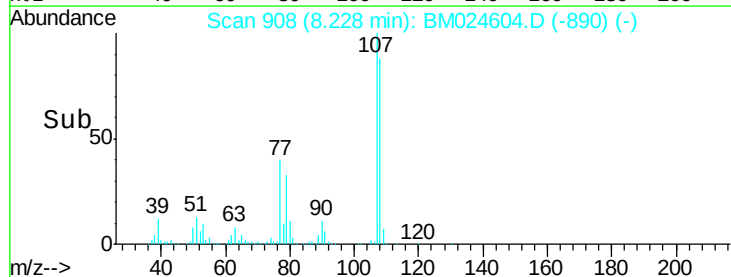
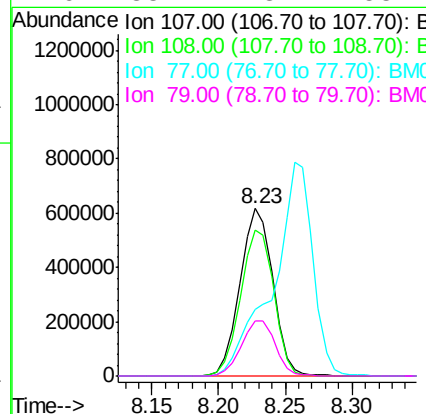
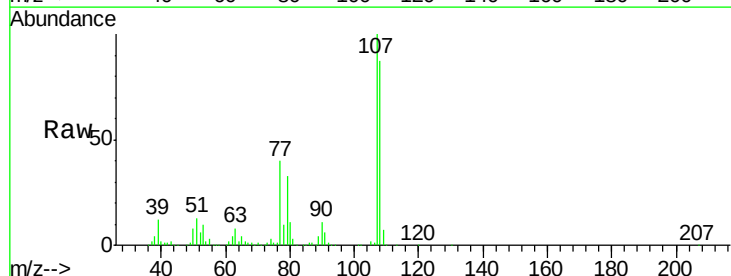
Instrument :
BNA_M
ClientSampleId :

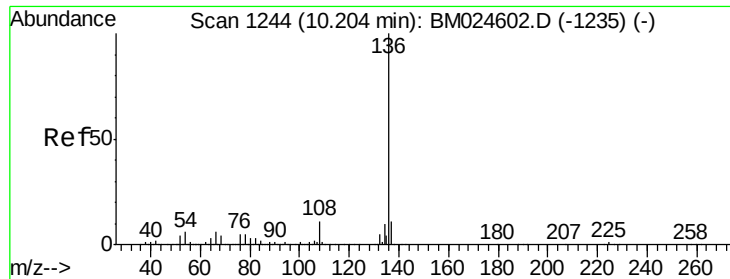
Tot Ion:	70	Resp:	803361
Ion	Ratio	Lower	Upper
70	100		
42	47.3	40.0	60.0
101	9.9	8.2	12.2
130	22.0	18.6	27.8



#20
3+4-Methylphenols
Concen: 58.603 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:	107	Resp:	1054501
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.0	108.0
77	39.9	19.9	59.9
79	33.2	13.7	53.7

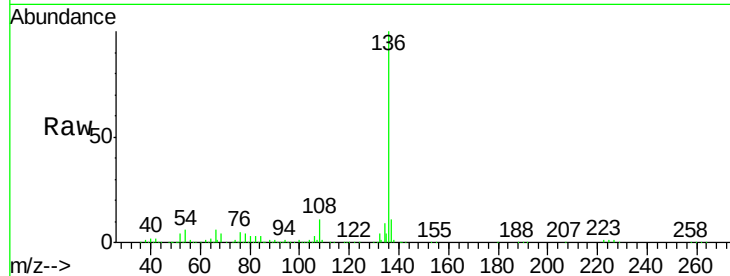




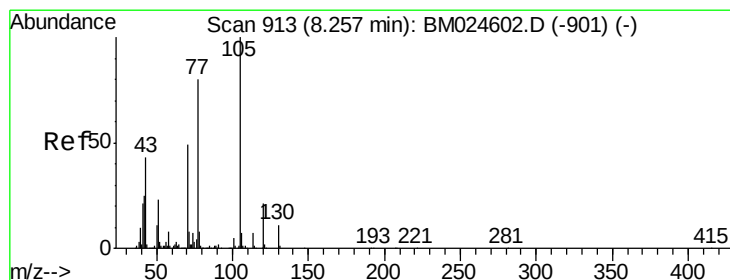
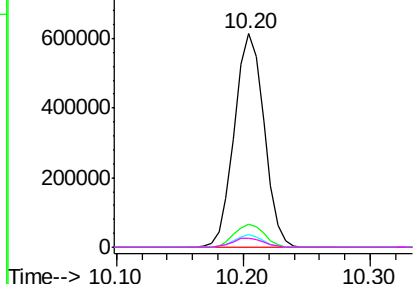
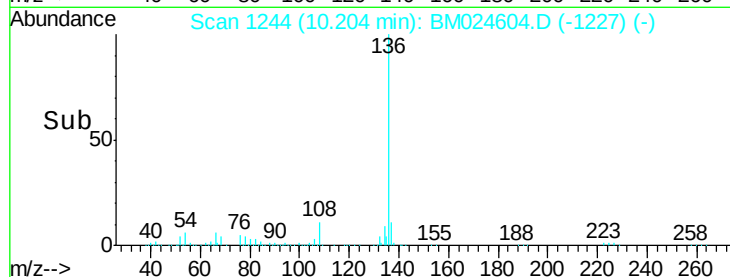
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	998033	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 5.8	4.5	6.7	
68 4.5	3.4	5.0	

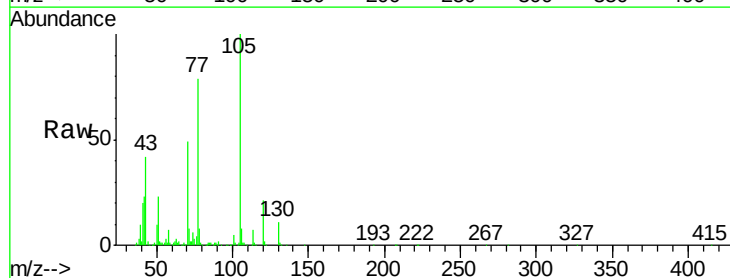


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

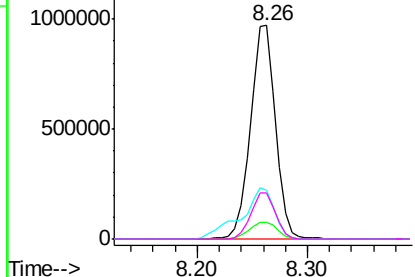
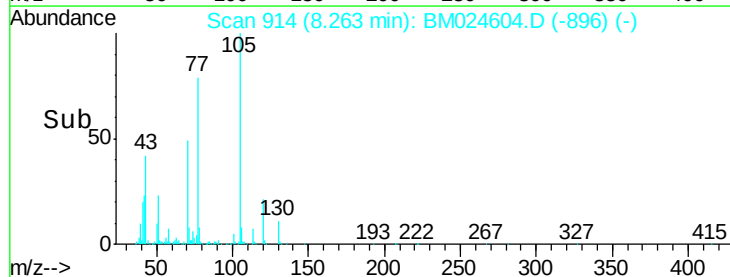


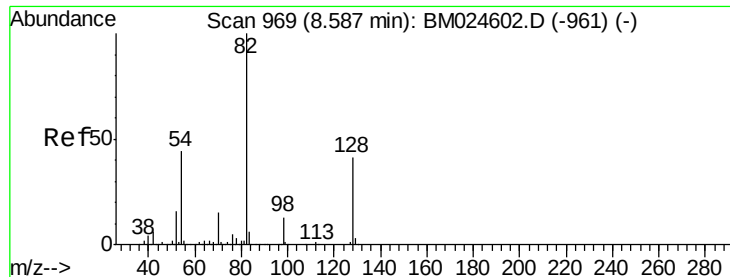
#22
Acetophenone
Concen: 55.342 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt	Ion:105	Resp:	1543823
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.7	10.1
51	22.8	18.5	27.7
120	21.4	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

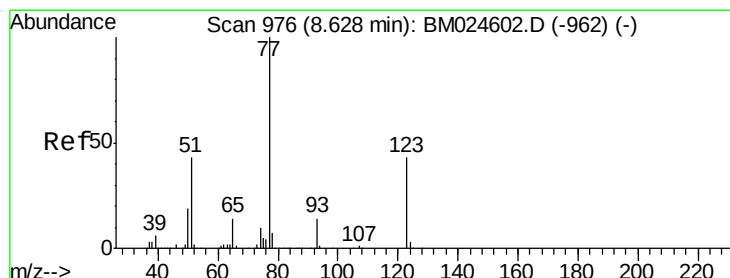
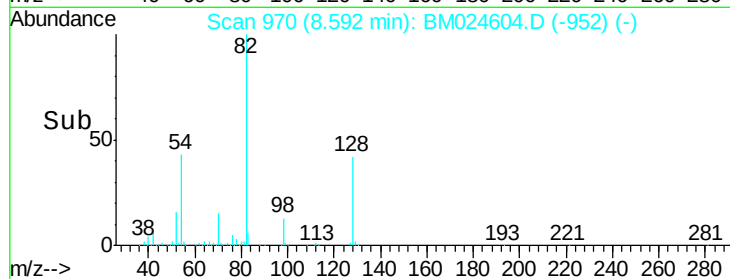
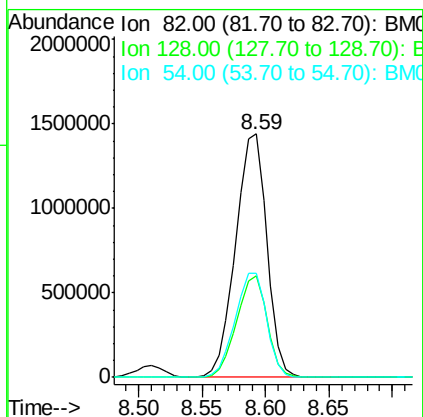
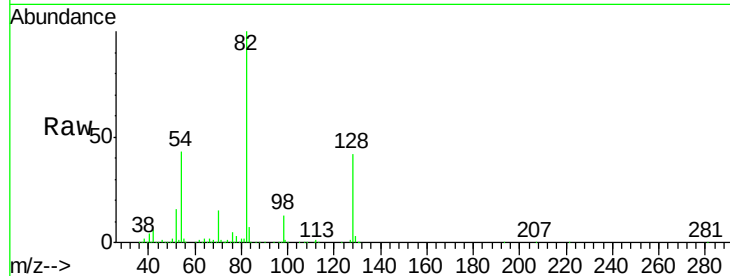




#23
 Nitrobenzene-d5
 Concen: 118.948 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

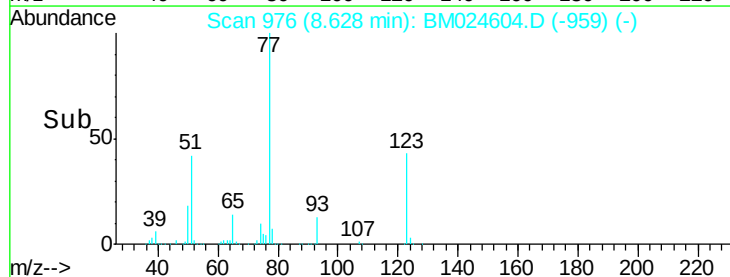
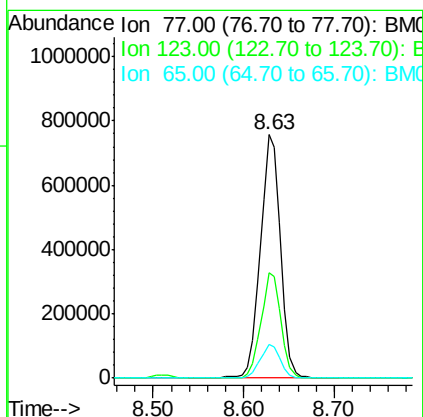
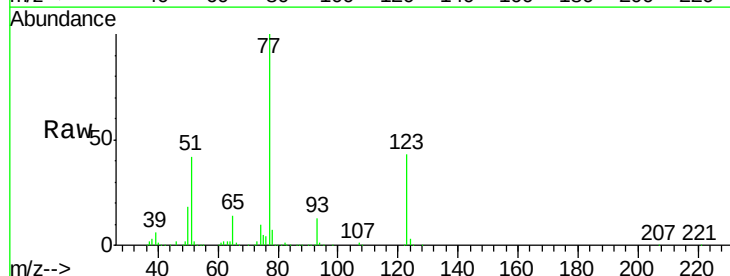
Instrument :
 BNA_M
 ClientSampleId :

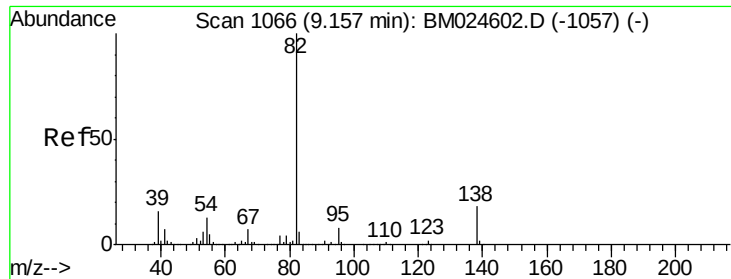
Tot Ion: 82 Resp: 2458674
 Ion Ratio Lower Upper
 82 100
 128 41.7 32.6 48.8
 54 42.7 34.8 52.2



#24
 Nitrobenzene
 Concen: 57.432 ng
 RT: 8.63 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion: 77 Resp: 1163262
 Ion Ratio Lower Upper
 77 100
 123 43.0 34.6 52.0
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 60.229 ng

RT: 9.16 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

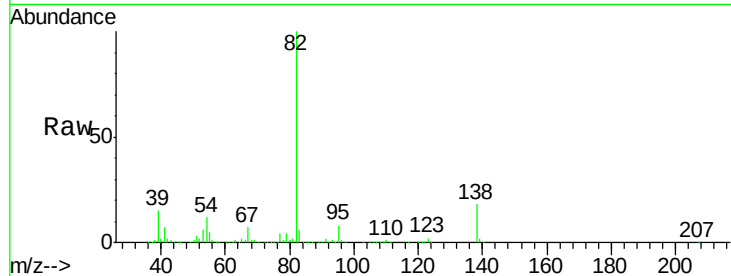
Tot Ion: 82 Resp: 2085739

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

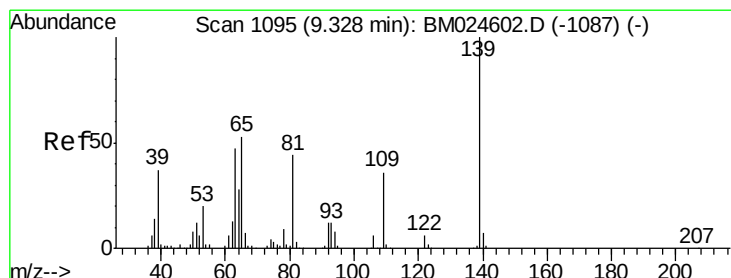
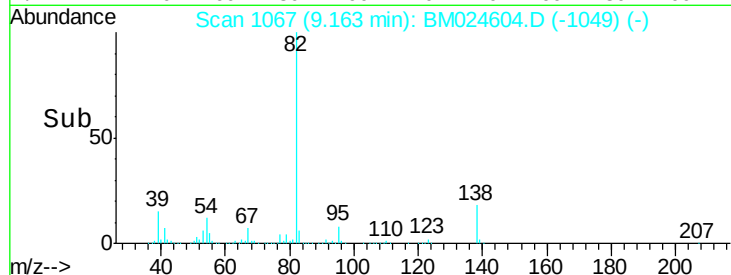
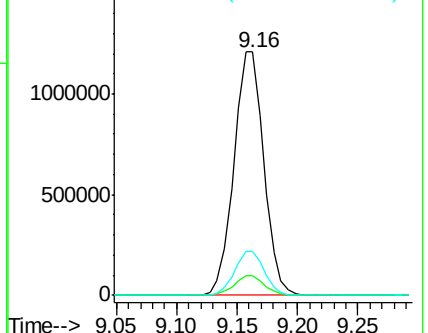
138 18.0 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM024604.D (-1057) (-)

Ion 95.00 (94.70 to 95.70): BM024604.D (-1057) (-)

Ion 138.00 (137.70 to 138.70): BM024604.D (-1057) (-)



#26

2-Nitrophenol

Concen: 79.346 ng

RT: 9.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

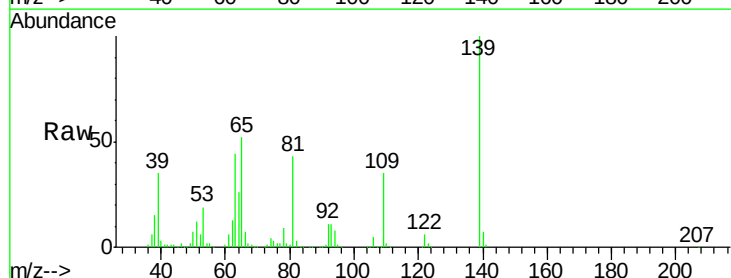
Tgt Ion: 139 Resp: 562562

Ion Ratio Lower Upper

139 100

109 35.0 28.8 43.2

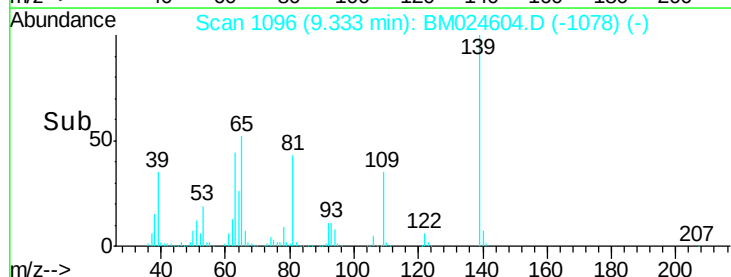
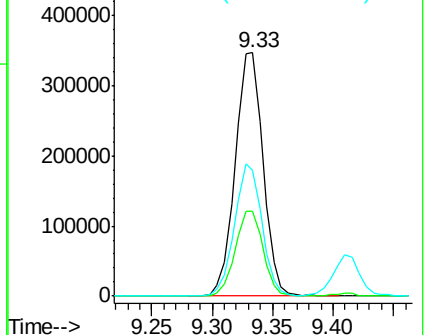
65 51.8 42.6 63.8

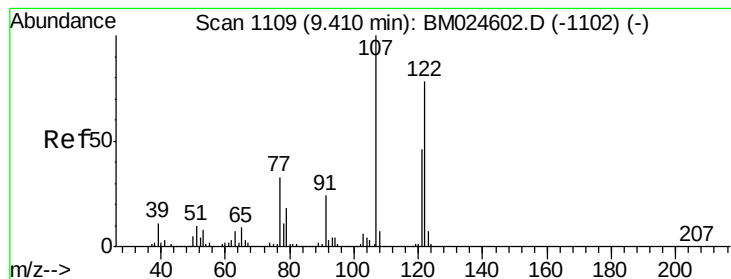


Abundance Ion 139.00 (138.70 to 139.70): BM024604.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM024604.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM024604.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 61.178 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

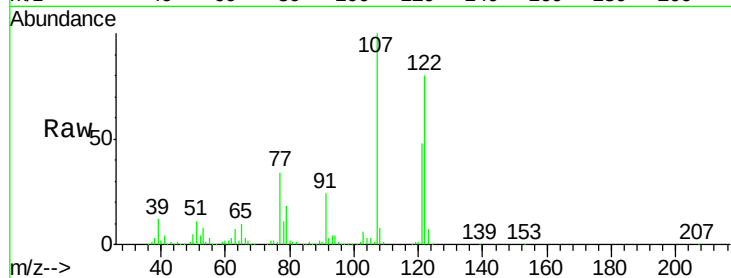
Tot Ion:122 Resp: 747584

Ion Ratio Lower Upper

122 100

107 124.4 102.5 153.7

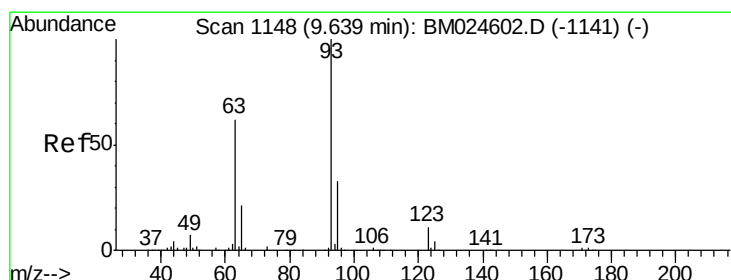
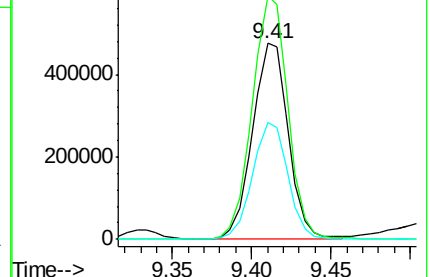
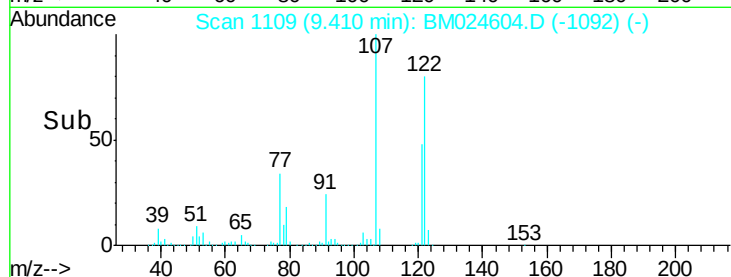
121 59.6 47.0 70.4



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: 59.717 ng

RT: 9.65 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

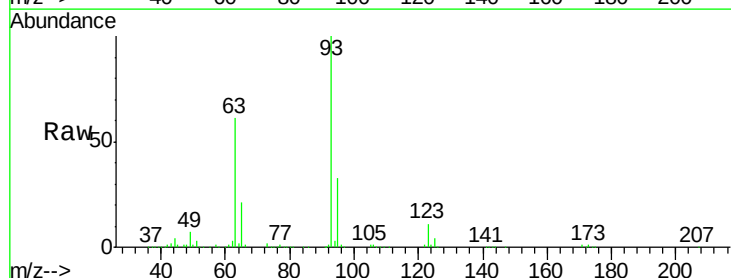
Tgt Ion: 93 Resp: 1268871

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

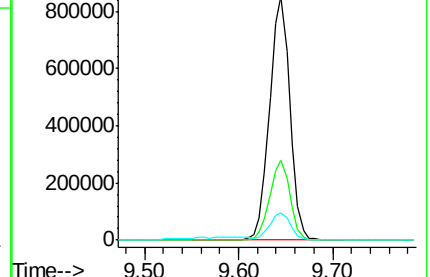
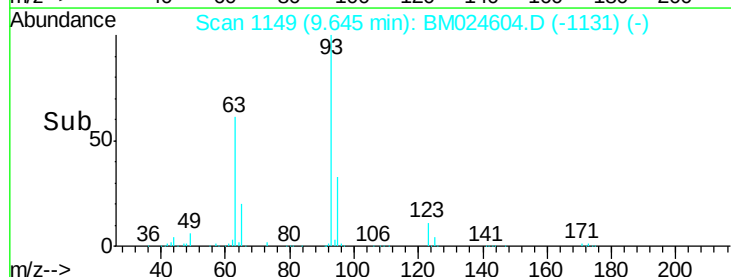
123 11.3 8.7 13.1

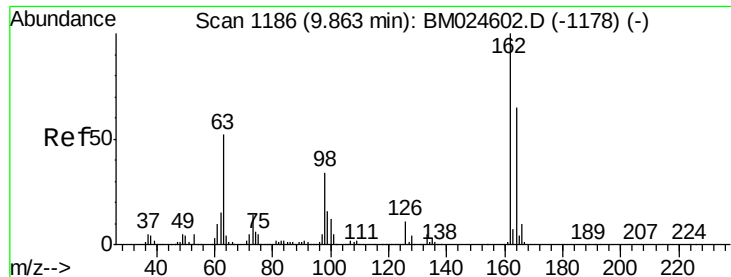


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E



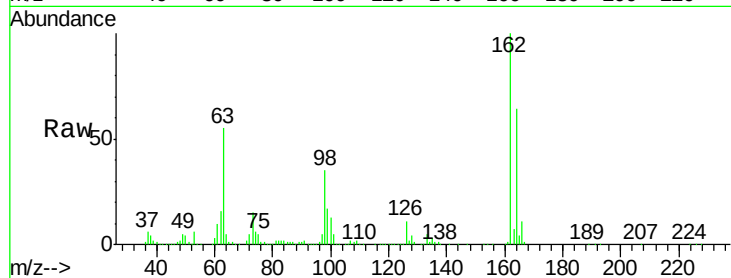


#29
 2,4-Dichlorophenol
 Concen: 63.219 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

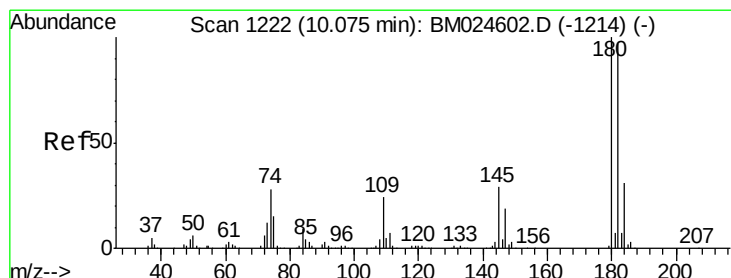
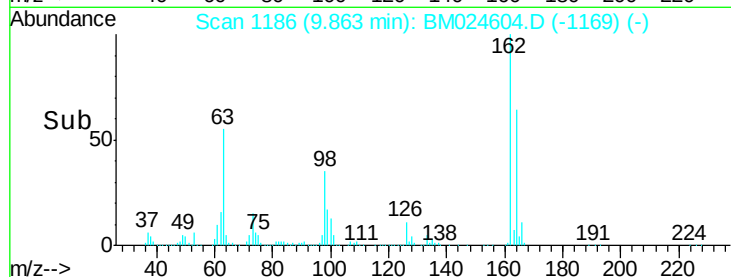
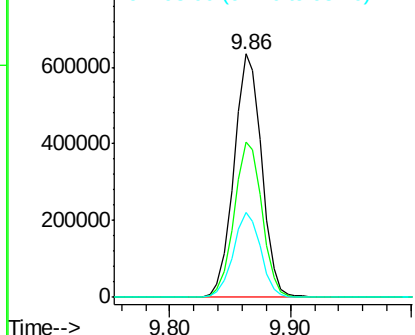
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1014178

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.5	84.5
98	35.0	14.2	54.2



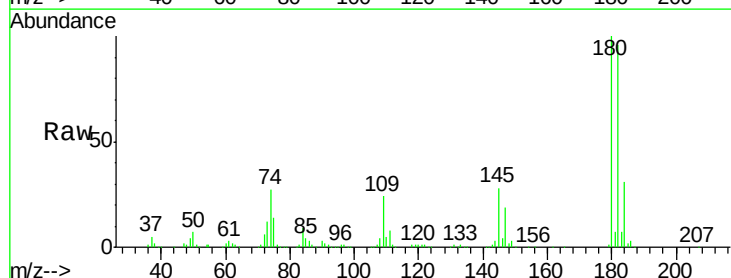
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM



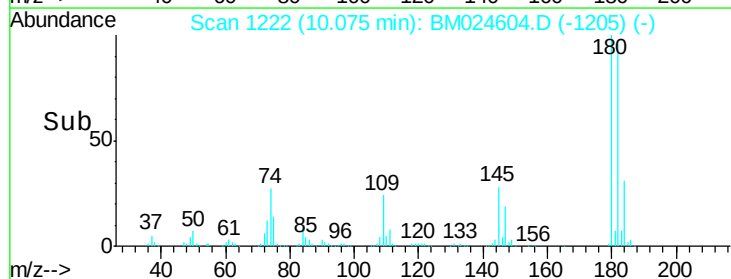
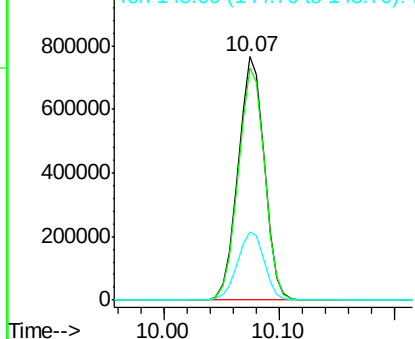
#30
 1,2,4-Trichlorobenzene
 Concen: 61.397 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

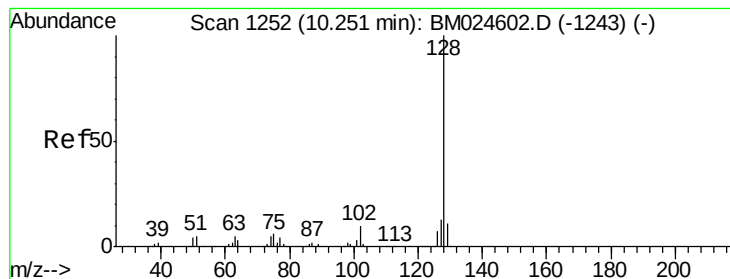
Tgt Ion:180 Resp: 1200229

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.8	116.6
145	28.3	22.9	34.3



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





#31

Naphthalene

Concen: 56.238 ng

RT: 10.26 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampled :

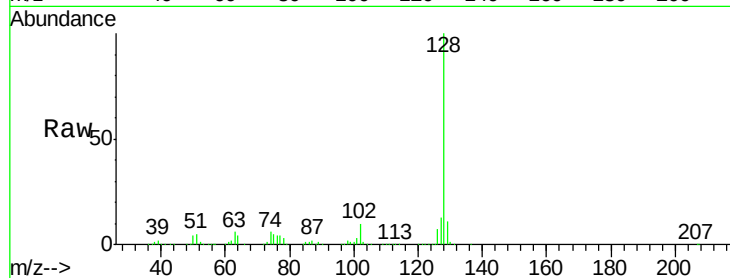
Tot Ion:128 Resp: 3031507

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

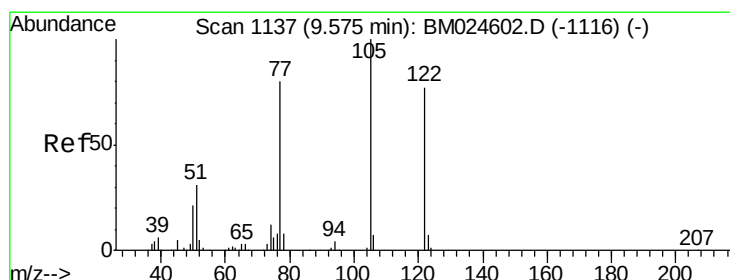
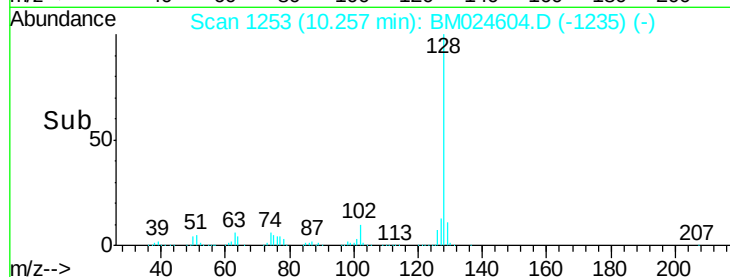
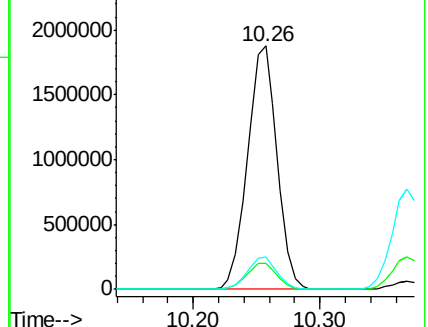
127 13.4 10.6 15.8



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: 80.931 ng

RT: 9.60 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

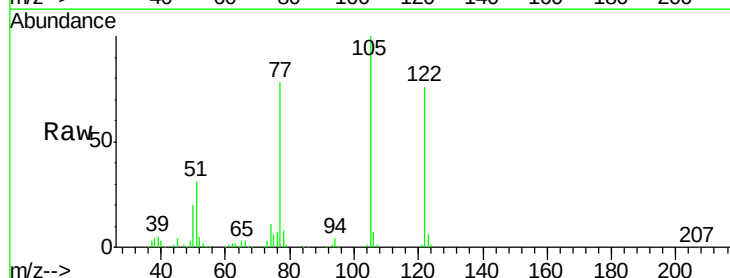
Tgt Ion:122 Resp: 635883

Ion Ratio Lower Upper

122 100

105 131.8 107.7 147.7

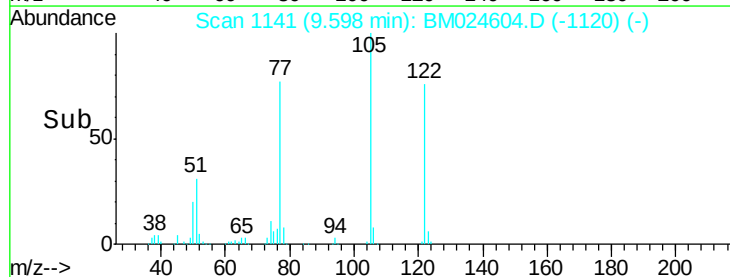
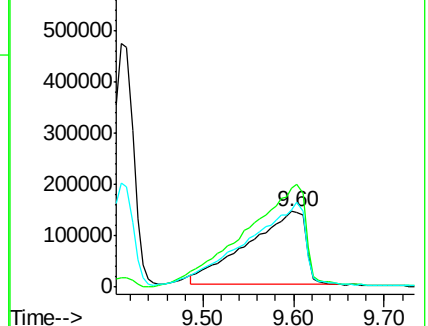
77 103.0 83.8 123.8

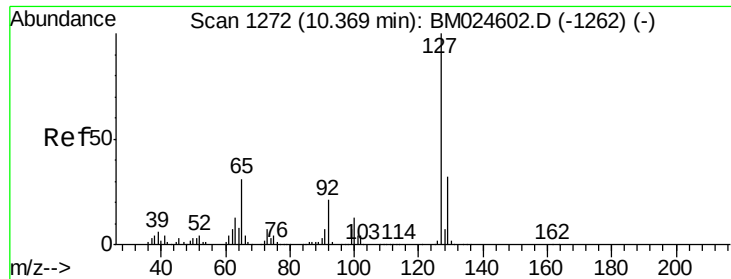


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

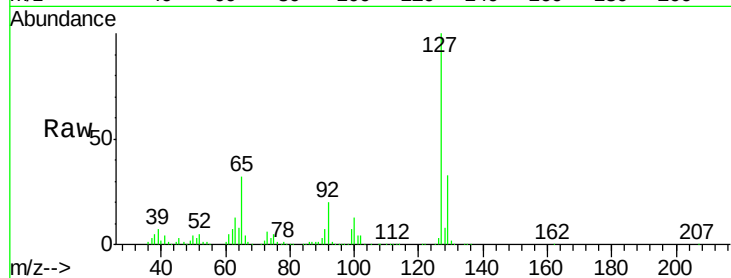




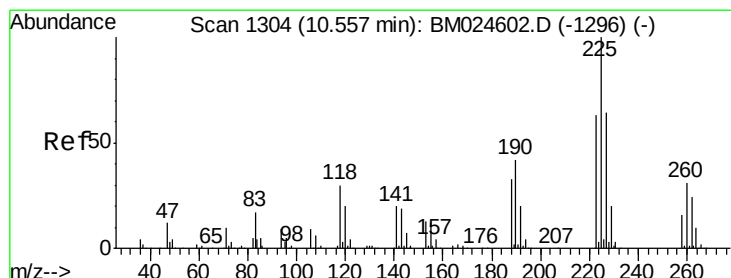
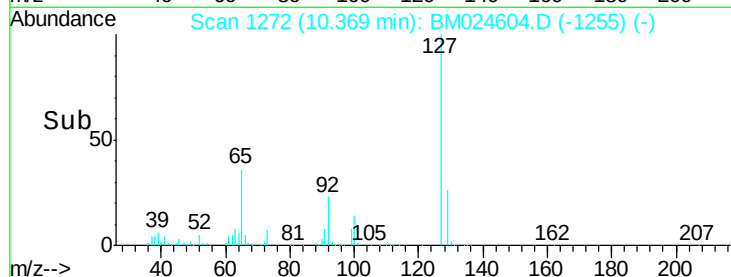
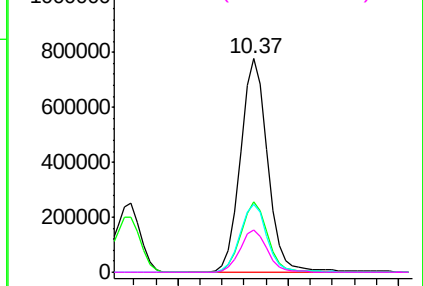
#33
4-Chloroaniline
Concen: 56.282 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	1345085
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.7	25.1	37.7
92	20.1	16.6	25.0

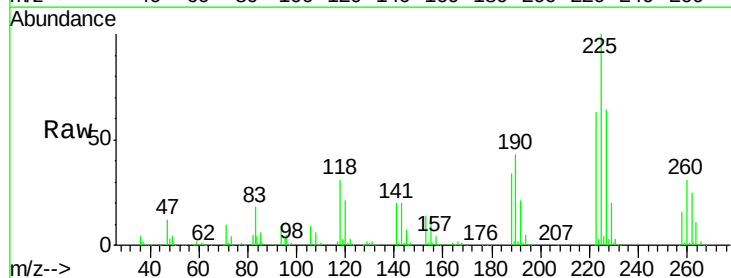


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

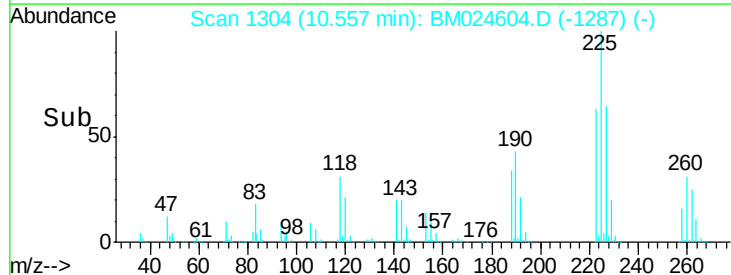
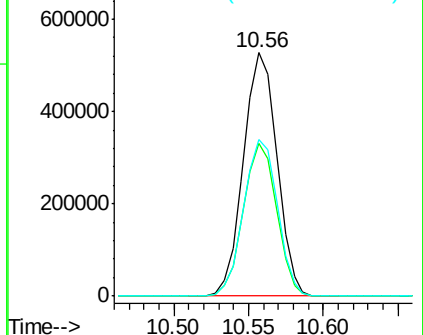


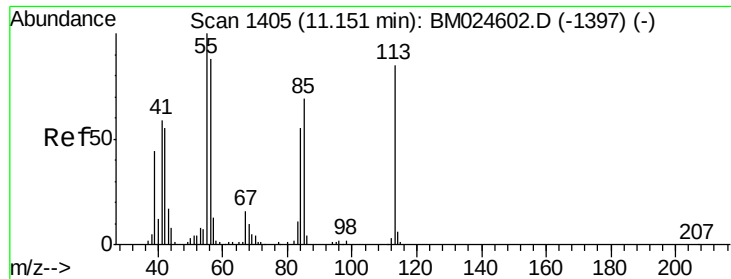
#34
Hexachlorobutadiene
Concen: 63.554 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:	225	Resp:	820535
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.5	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: 55.335 ng

RT: 11.17 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

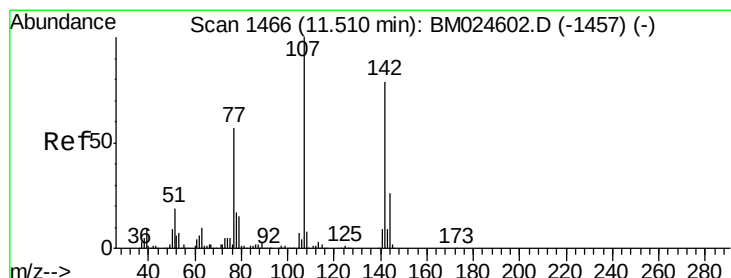
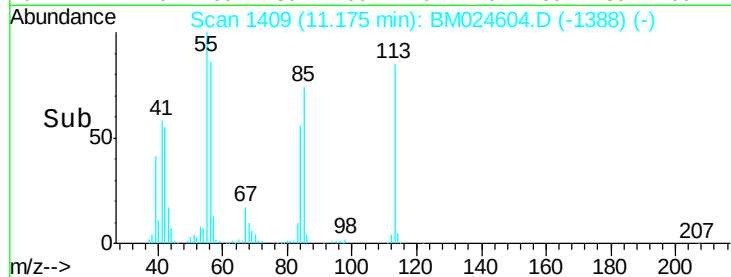
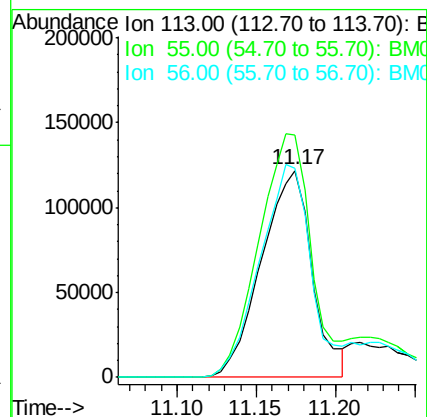
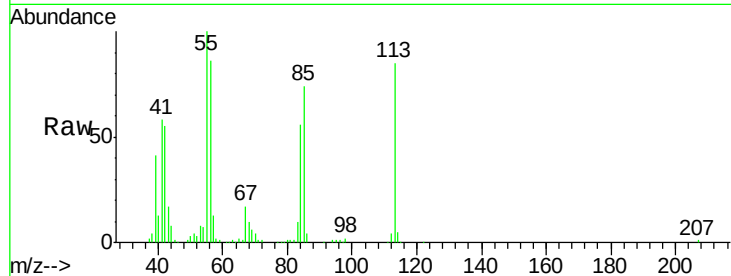
Tot Ion:113 Resp: 270613

Ion Ratio Lower Upper

113 100

55 117.2 97.5 137.5

56 100.7 83.4 123.4



#36

4-Chloro-3-methylphenol

Concen: 63.725 ng

RT: 11.52 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

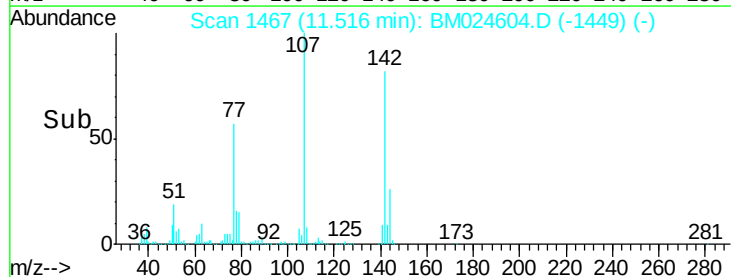
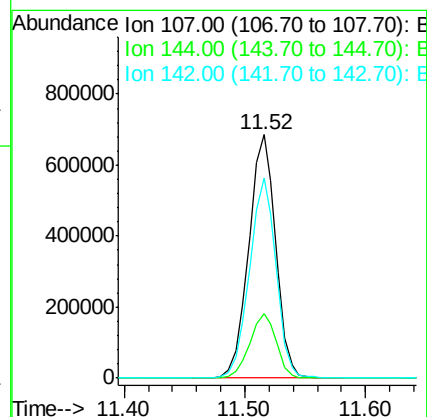
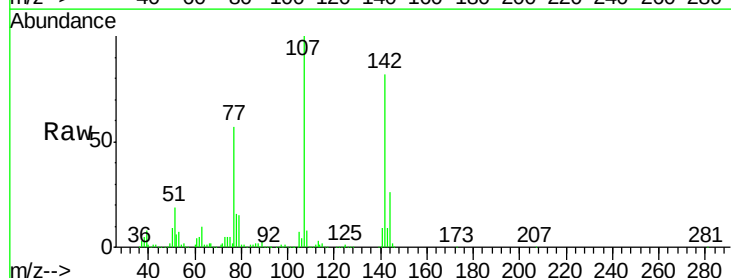
Tgt Ion:107 Resp: 1071745

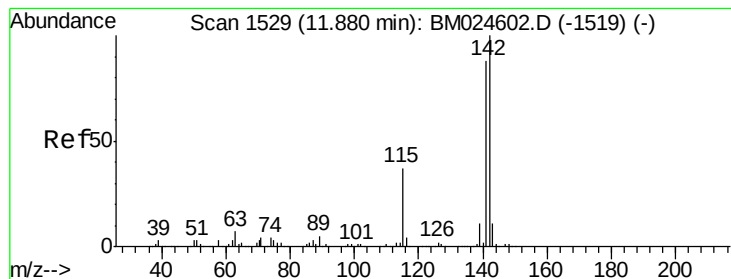
Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

142 82.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 59.448 ng

RT: 11.88 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

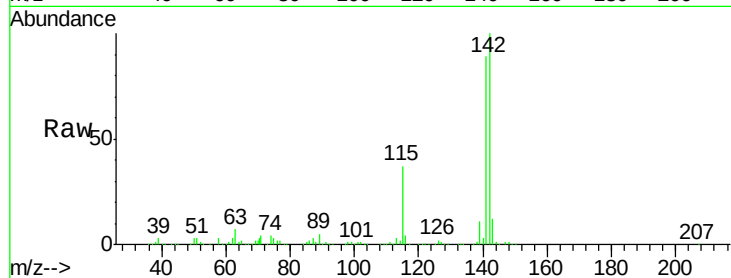
Tot Ion:142 Resp: 2347646

Ion Ratio Lower Upper

142 100

141 89.0 70.2 105.2

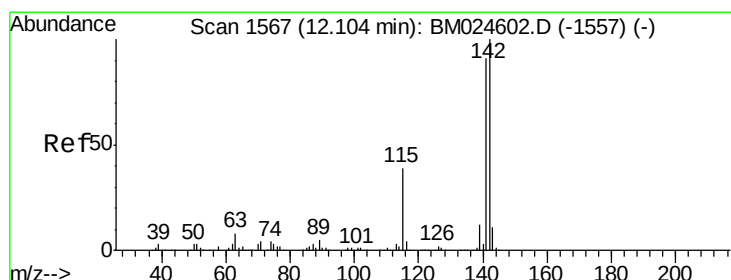
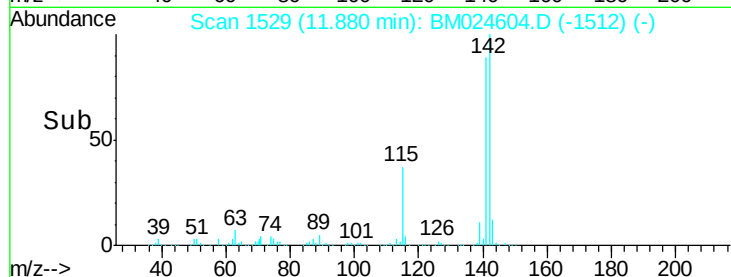
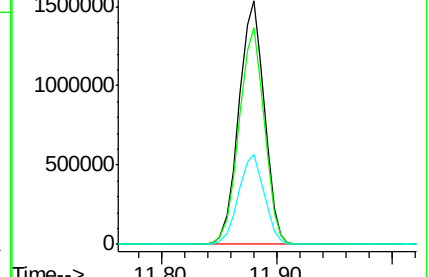
115 37.1 29.7 44.5



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: 59.321 ng

RT: 12.10 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

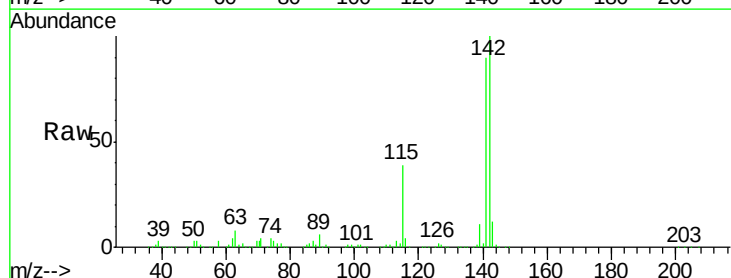
Tgt Ion:142 Resp: 2231845

Ion Ratio Lower Upper

142 100

141 90.3 72.8 109.2

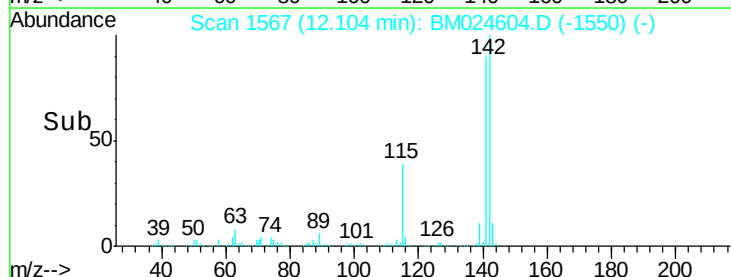
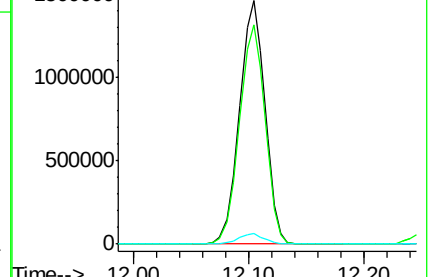
116 4.1 3.2 4.8

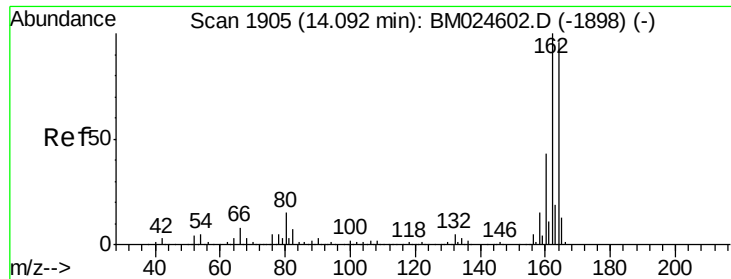


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

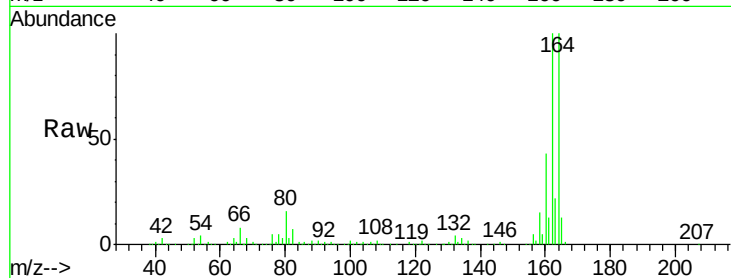
Tot Ion:164 Resp: 706075

Ion Ratio Lower Upper

164 100

162 100.4 82.9 124.3

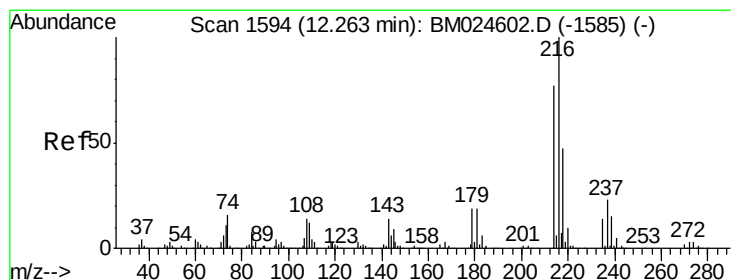
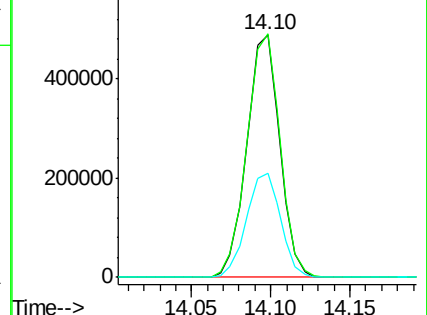
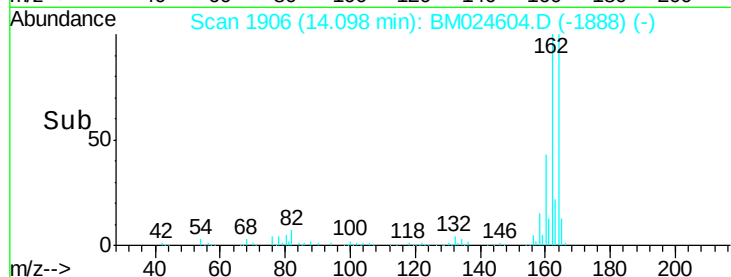
160 43.2 35.5 53.3



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: 61.416 ng

RT: 12.26 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:216 Resp: 1514980

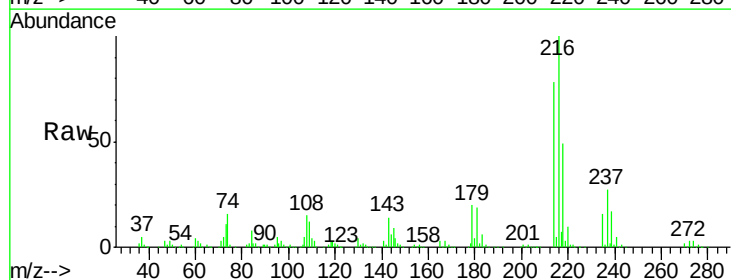
Ion Ratio Lower Upper

216 100

214 78.1 62.3 93.5

179 20.2 16.1 24.1

108 15.9 13.0 19.6

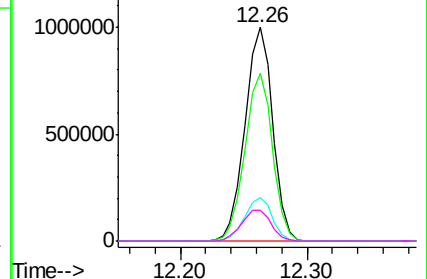
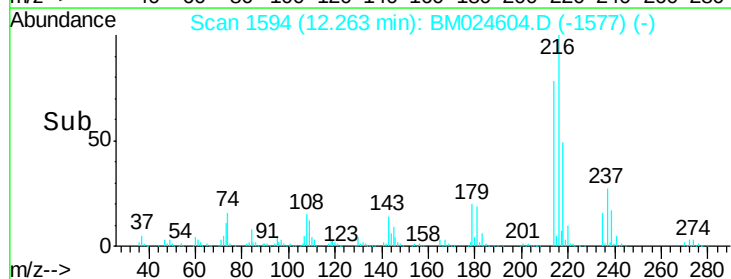


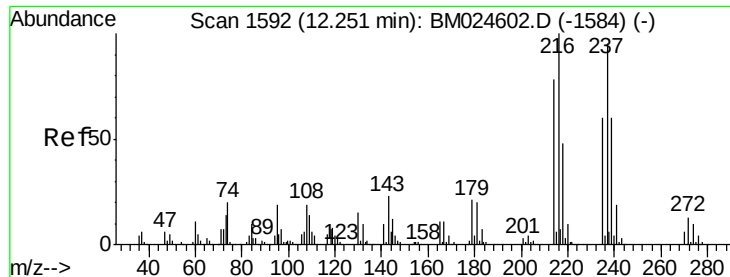
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.676 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

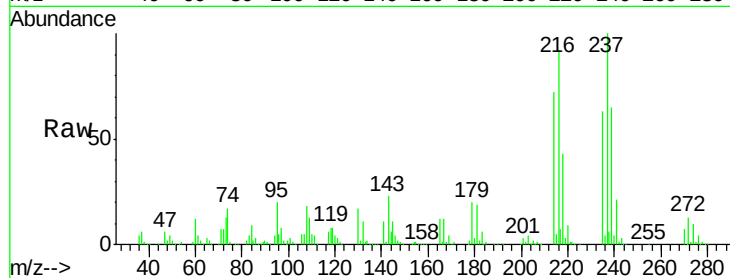
Tot Ion:237 Resp: 853508

Ion Ratio Lower Upper

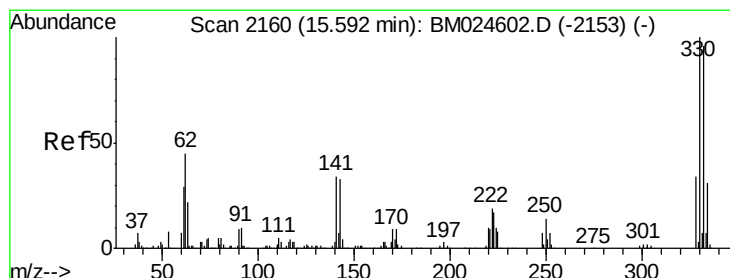
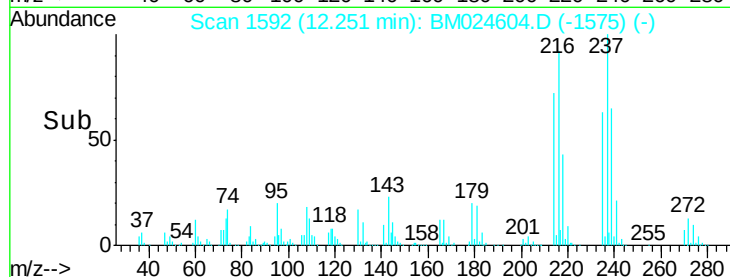
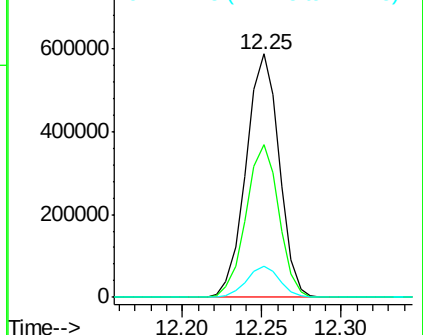
237 100

235 62.8 43.3 83.3

272 12.8 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: 142.368 ng

RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

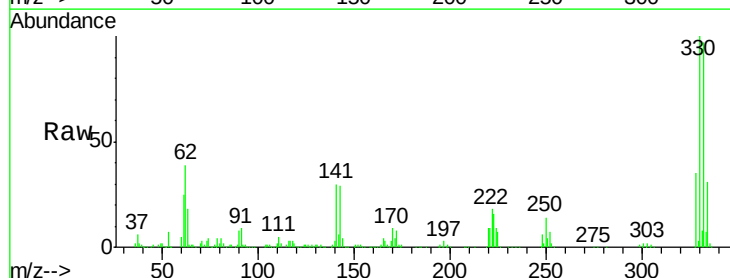
Tgt Ion:330 Resp: 1382509

Ion Ratio Lower Upper

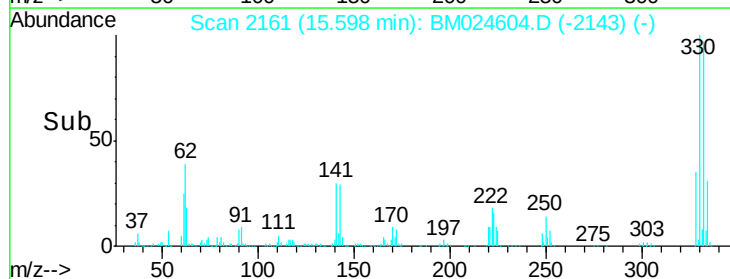
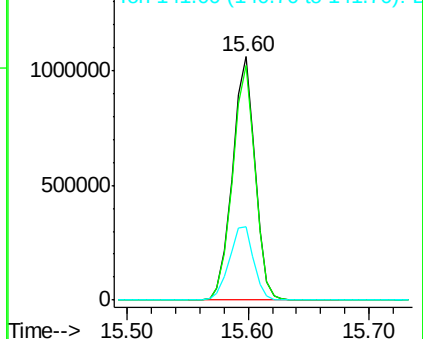
330 100

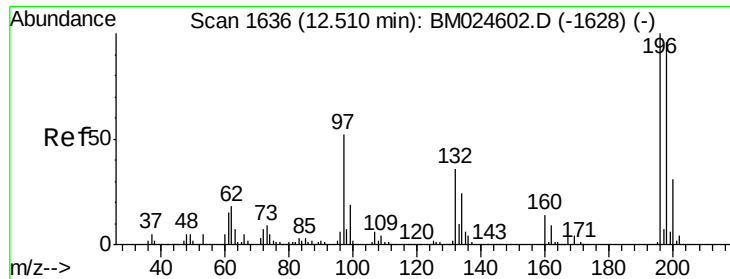
332 96.6 77.2 115.8

141 32.4 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

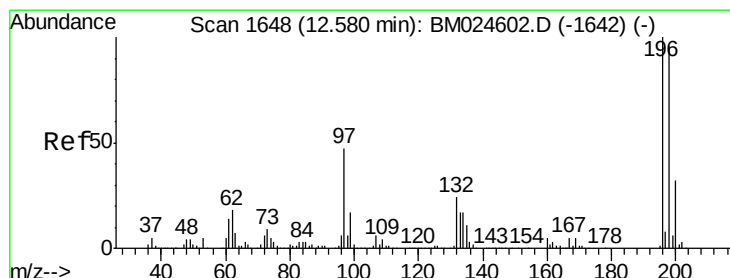
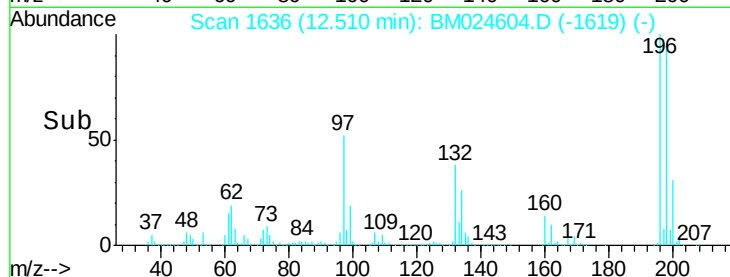
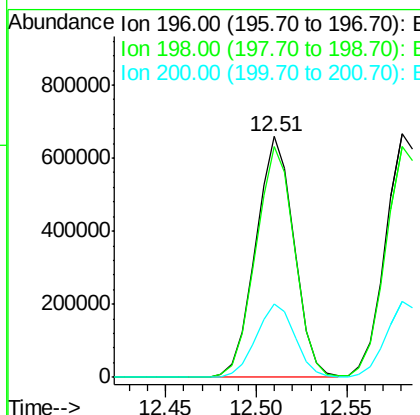
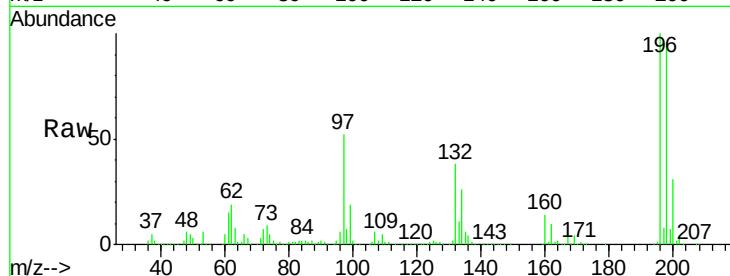




#43
 2,4,6-Trichlorophenol
 Concen: 68.823 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

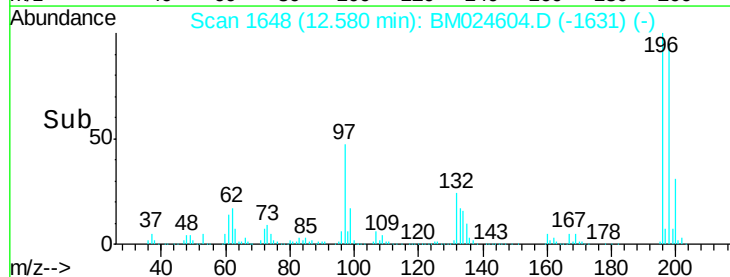
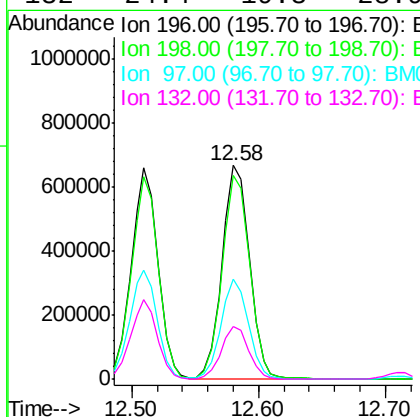
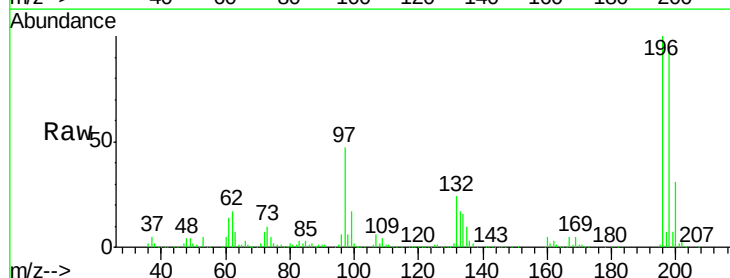
Instrument :
 BNA_M
 ClientSampled :

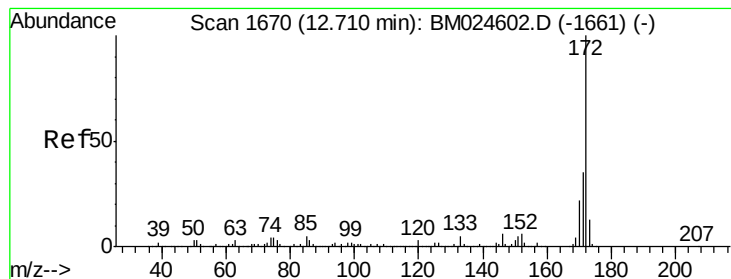
Tot Ion:196 Resp: 966966
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.5 114.7
 200 30.5 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 66.067 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:196 Resp: 999002
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.2 115.8
 97 46.9 37.4 56.0
 132 24.4 19.3 28.9



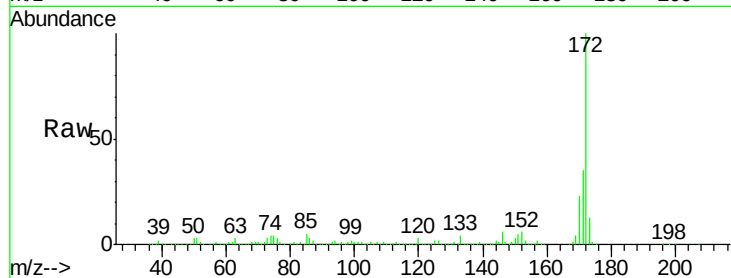


#45
 2-Fluorobiphenyl
 Concen: 117.646 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

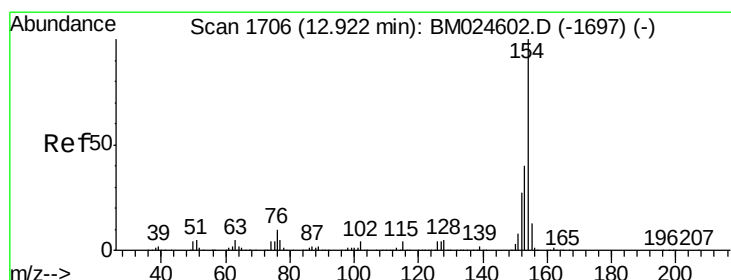
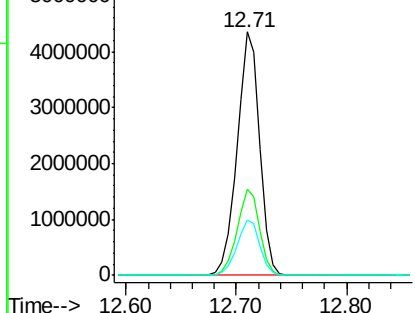
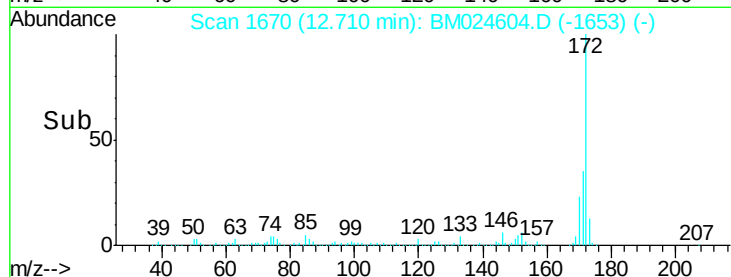
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:172 Resp: 6205105

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.0	17.9	26.9



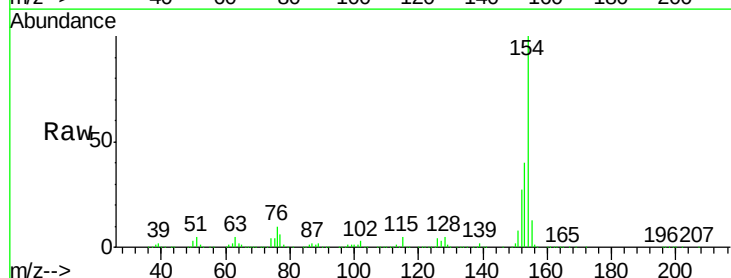
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



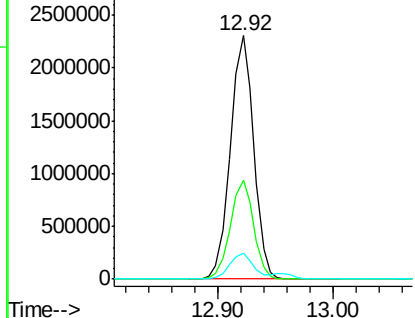
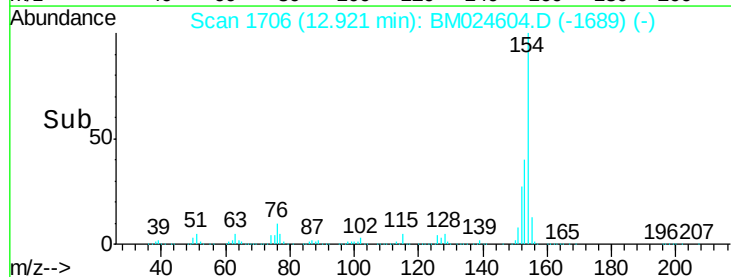
#46
 1,1'-Biphenyl
 Concen: 56.487 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

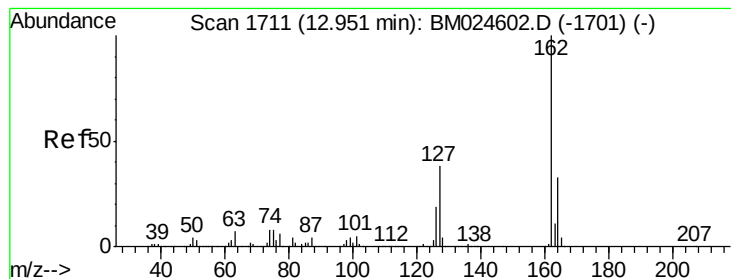
Tgt Ion:154 Resp: 3205697

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	10.5	0.0	30.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM0





#47

2-Chloronaphthalene

Concen: 56.411 ng

RT: 12.96 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampled :

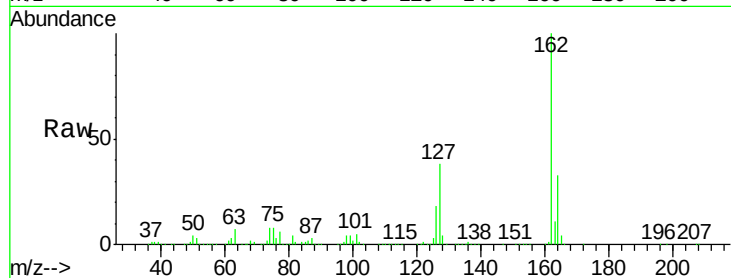
Tot Ion:162 Resp: 2594755

Ion Ratio Lower Upper

162 100

127 37.6 30.4 45.6

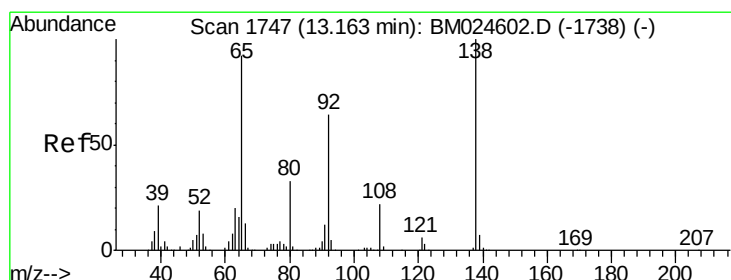
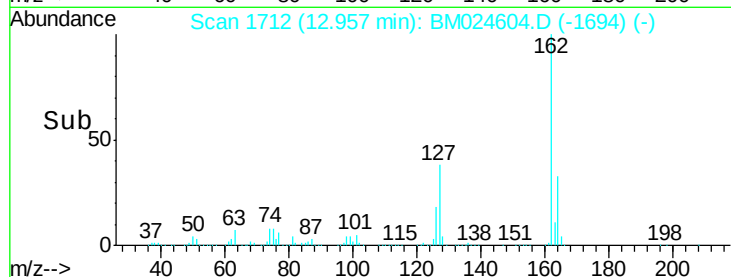
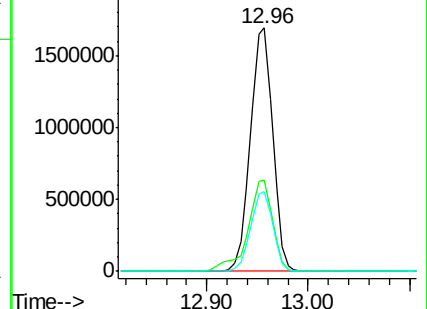
164 33.0 26.5 39.7



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: 57.230 ng

RT: 13.16 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

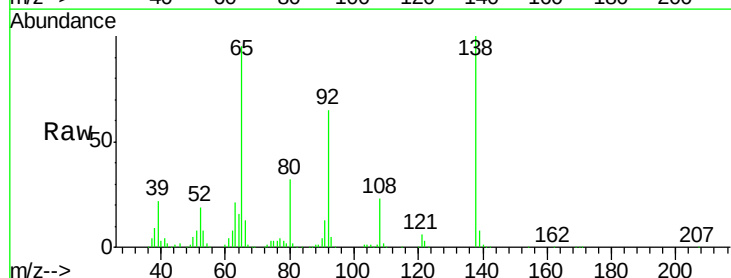
Tgt Ion: 65 Resp: 798895

Ion Ratio Lower Upper

65 100

92 68.5 55.4 83.2

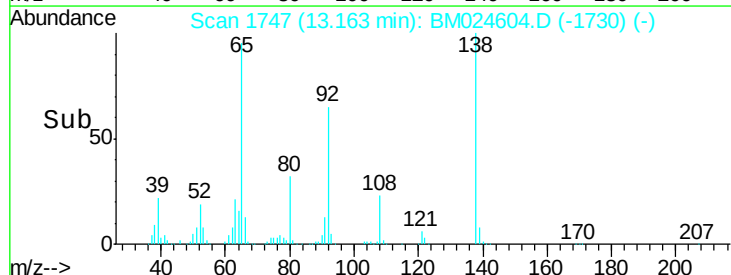
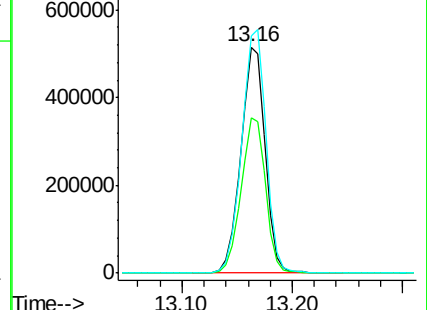
138 104.9 86.6 129.8

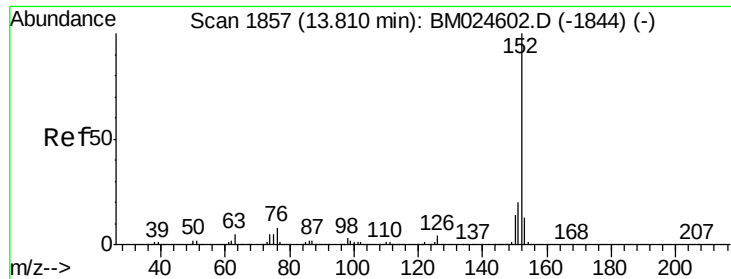


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.808 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

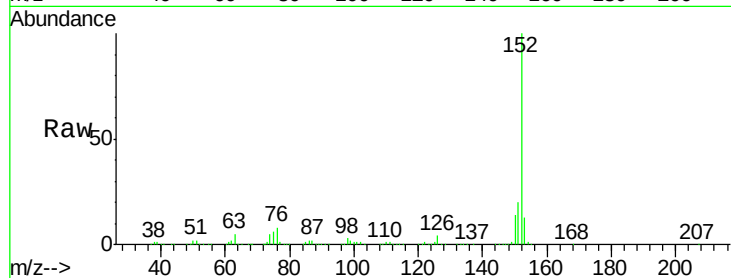
Tot Ion:152 Resp: 3886535

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

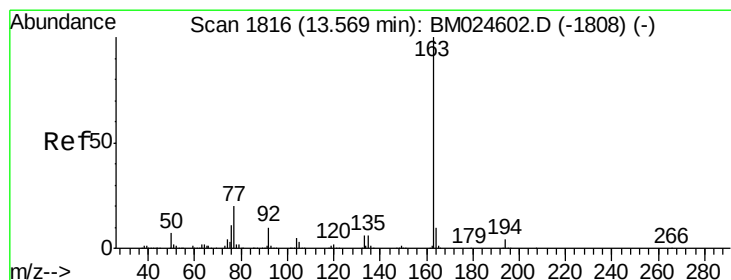
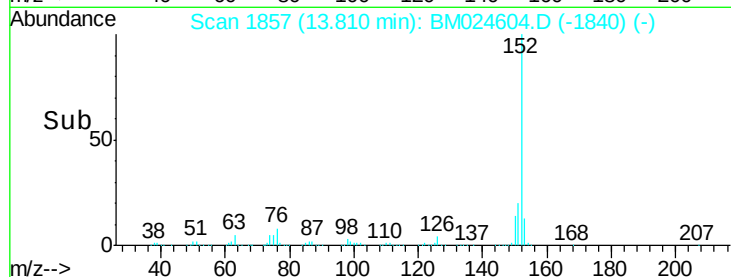
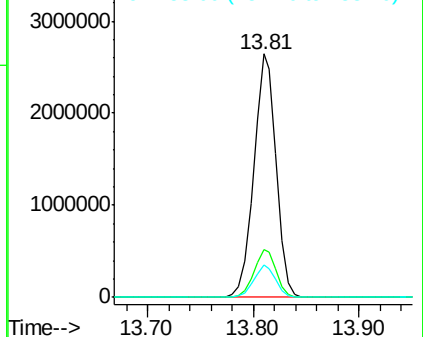
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.116 ng

RT: 13.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

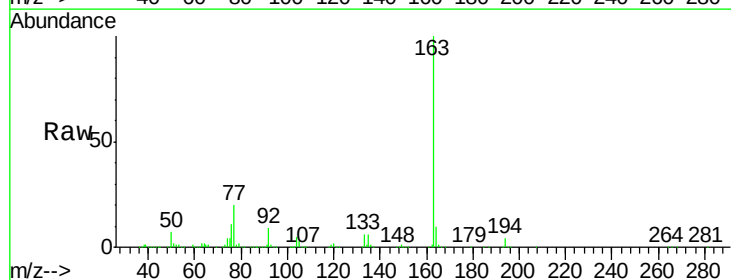
Tgt Ion:163 Resp: 3401520

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

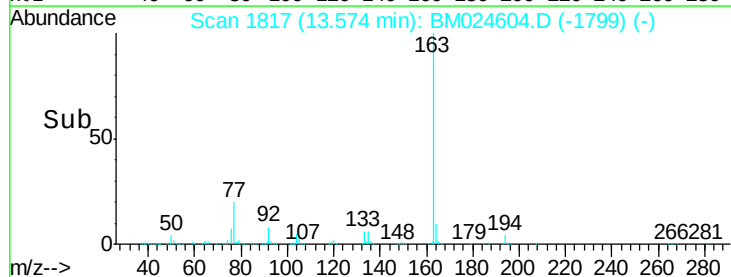
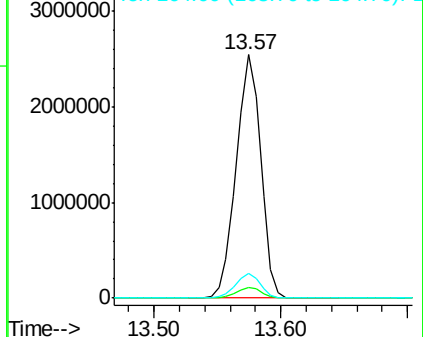
164 10.0 8.0 12.0

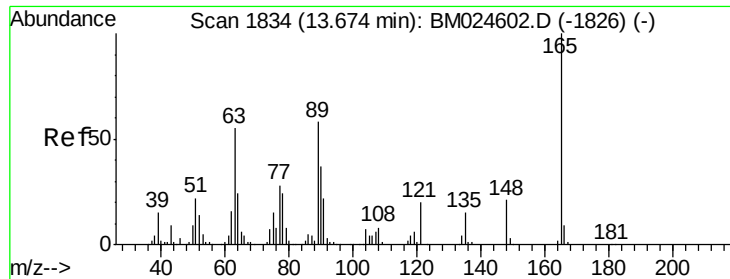


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

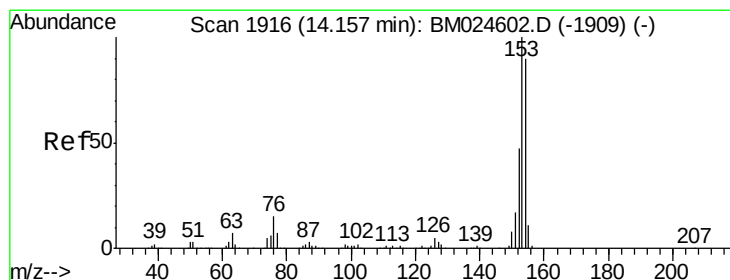
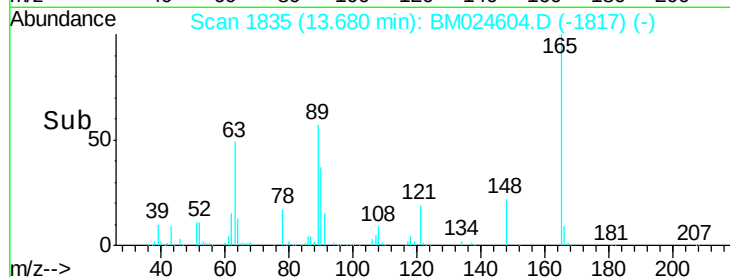
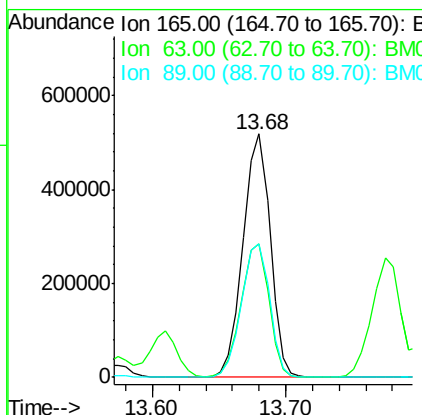
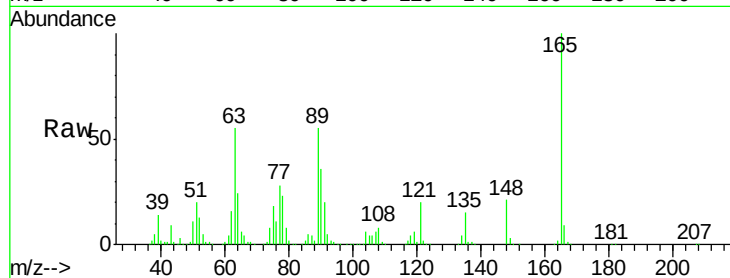




#51
 2,6-Dinitrotoluene
 Concen: 58.450 ng
 RT: 13.68 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

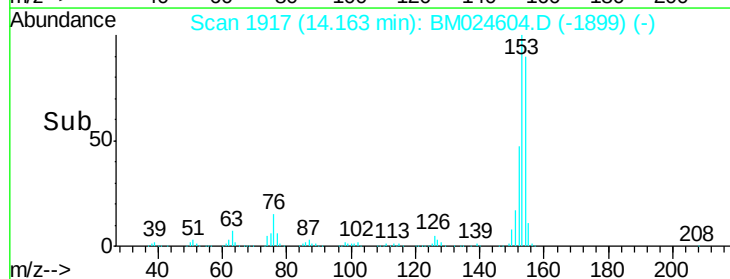
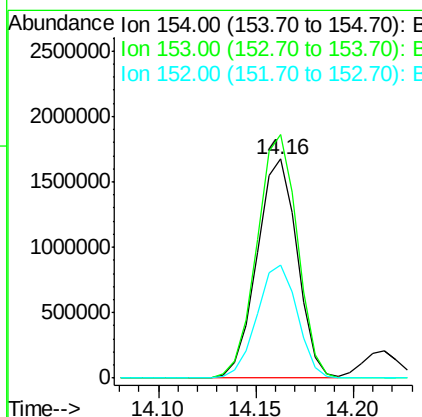
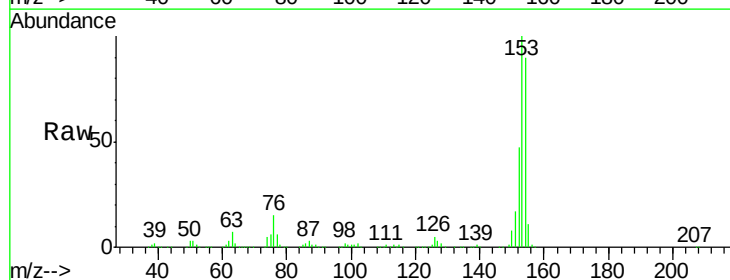
Instrument :
 BNA_M
 ClientSampleId :

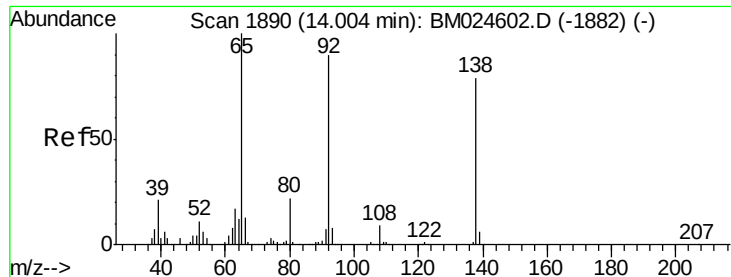
Tot Ion:165 Resp: 729673
 Ion Ratio Lower Upper
 165 100
 63 55.0 45.4 68.0
 89 54.6 46.6 69.8



#52
 Acenaphthene
 Concen: 56.379 ng
 RT: 14.16 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:154 Resp: 2400697
 Ion Ratio Lower Upper
 154 100
 153 111.1 89.1 133.7
 152 51.7 41.9 62.9

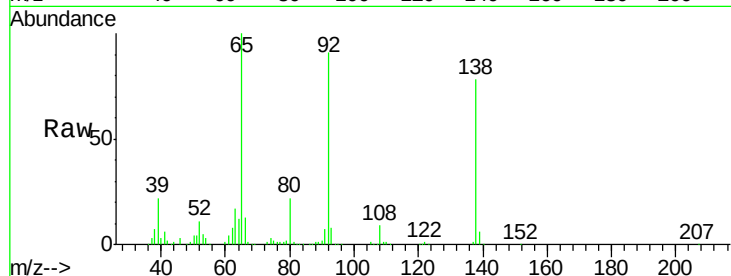




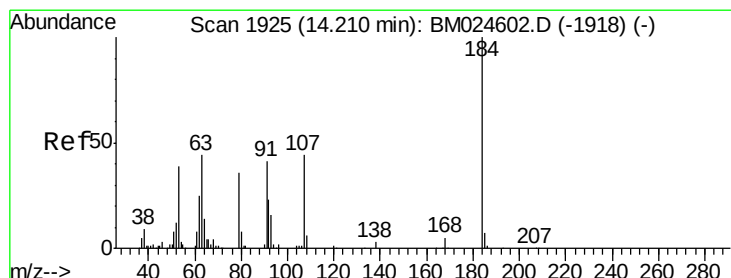
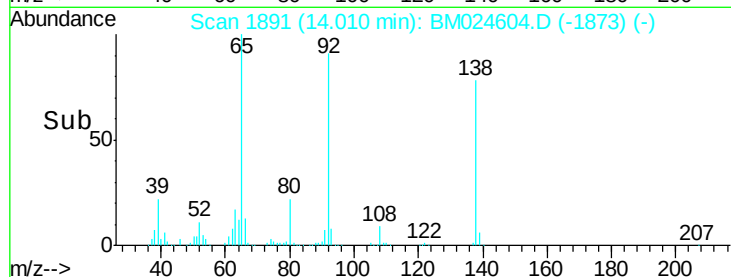
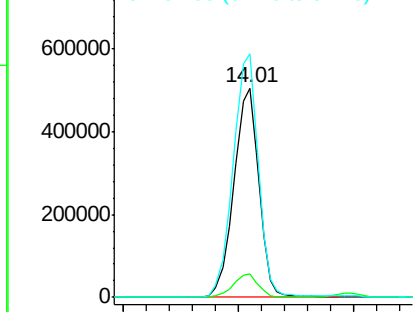
#53
3-Nitroaniline
Concen: 55.956 ng
RT: 14.01 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 762473
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 116.5 91.0 136.4

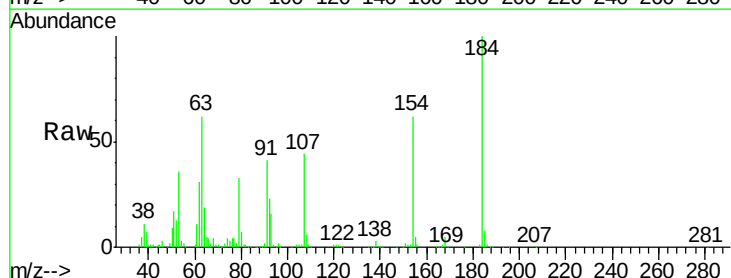


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

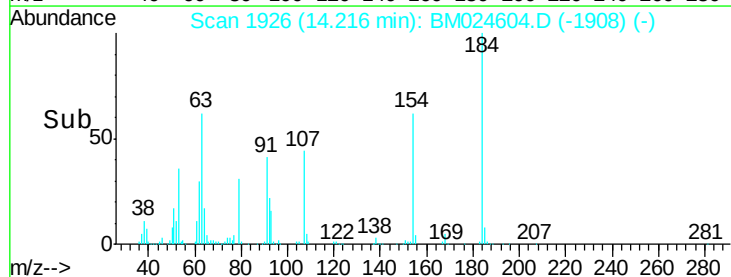
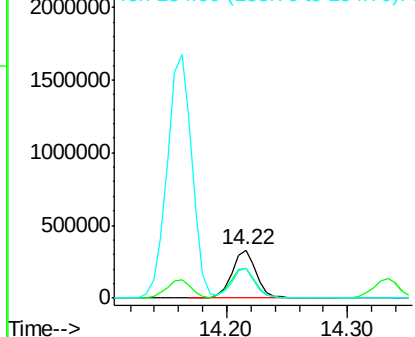


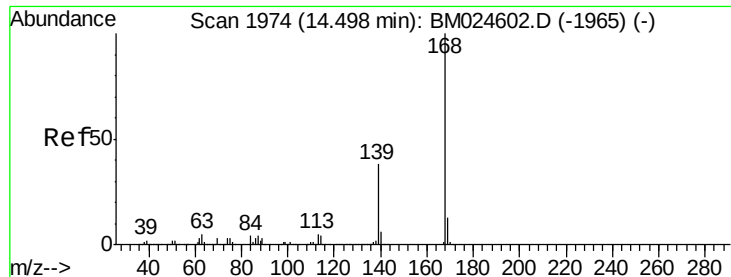
#54
2,4-Dinitrophenol
Concen: 92.006 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:184 Resp: 464406
Ion Ratio Lower Upper
184 100
63 62.2 51.8 77.8
154 62.1 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

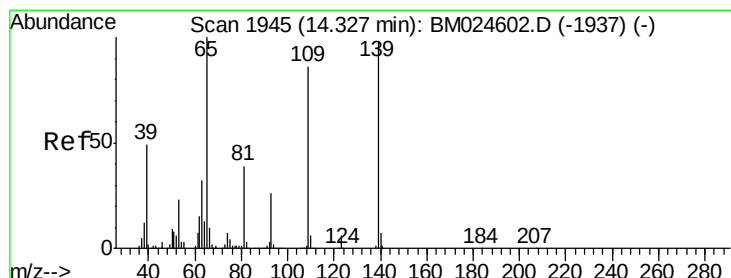
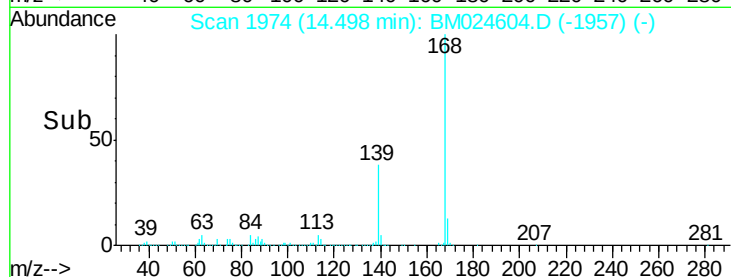
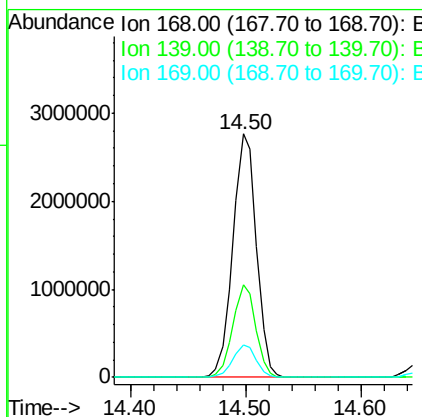
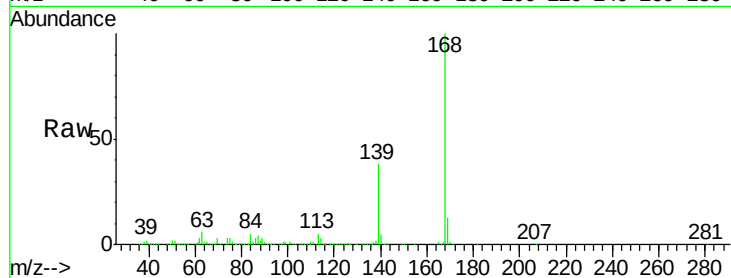




#55
Dibenzofuran
Concen: 56.564 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

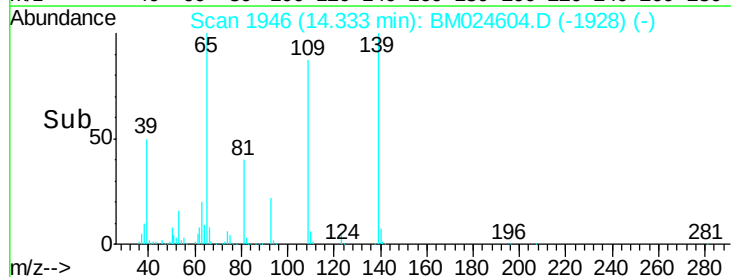
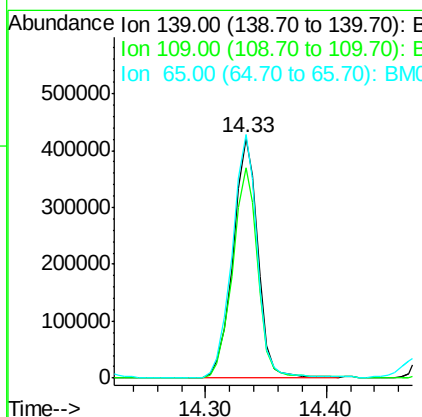
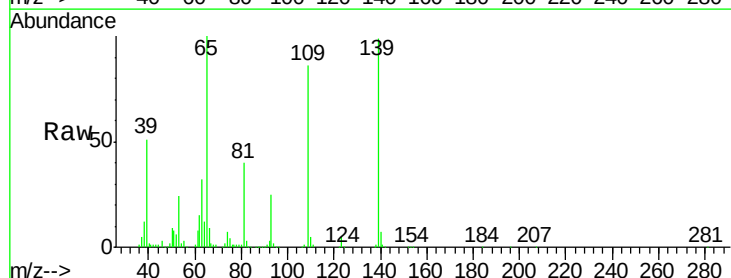
Instrument :
BNA_M
ClientSampleId :

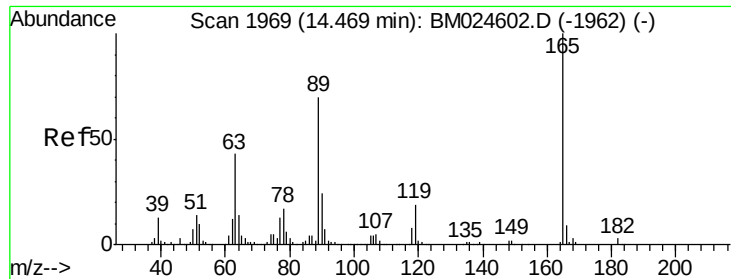
Tot Ion:168 Resp: 3898487
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 59.896 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:139 Resp: 606019
Ion Ratio Lower Upper
139 100
109 87.7 67.4 107.4
65 101.5 82.1 122.1

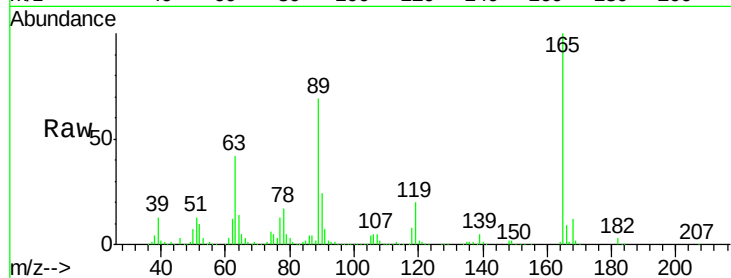




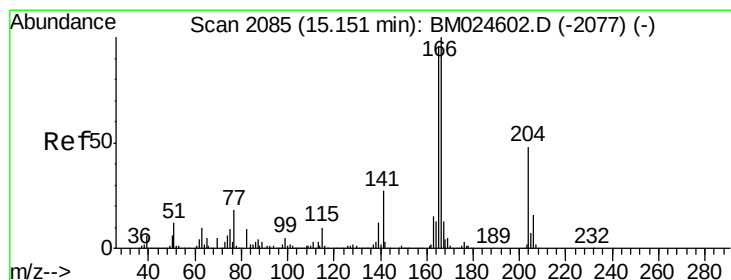
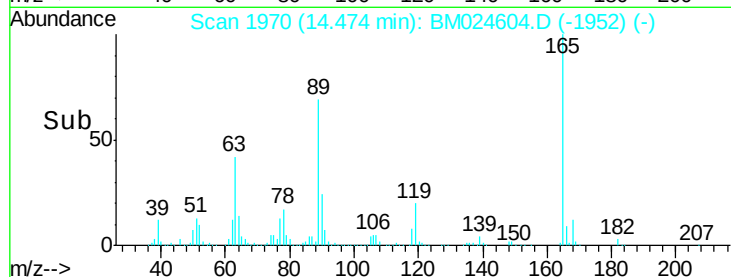
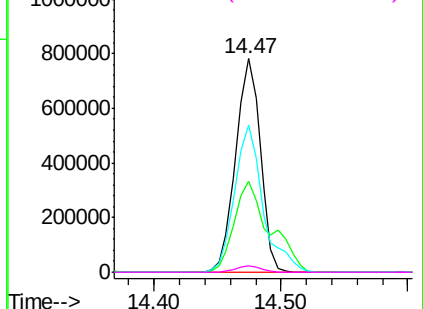
#57
2,4-Dinitrotoluene
Concen: 59.133 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 1053847
Ion Ratio Lower Upper
165 100
63 42.3 34.5 51.7
89 68.9 55.8 83.8
182 3.1 2.3 3.5

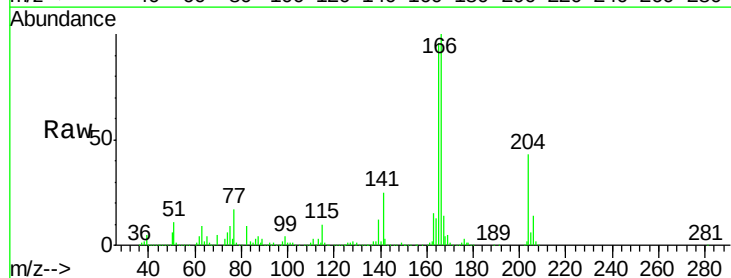


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

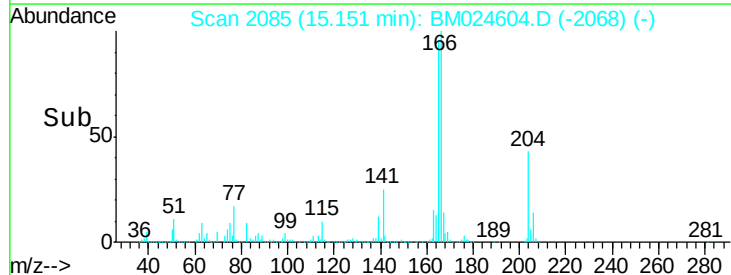
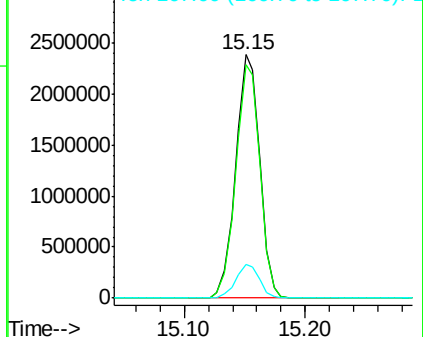


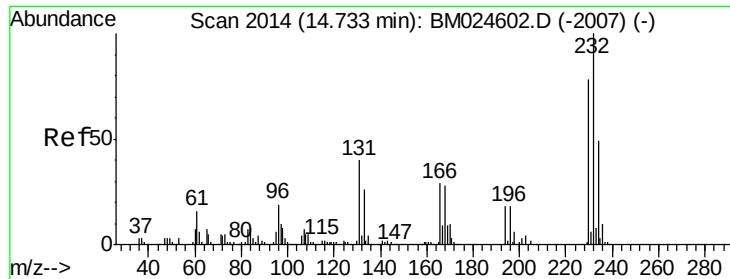
#58
Fluorene
Concen: 56.906 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:166 Resp: 3307153
Ion Ratio Lower Upper
166 100
165 95.8 76.6 114.8
167 13.6 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

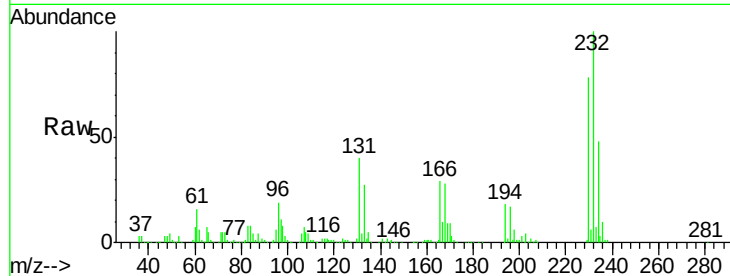




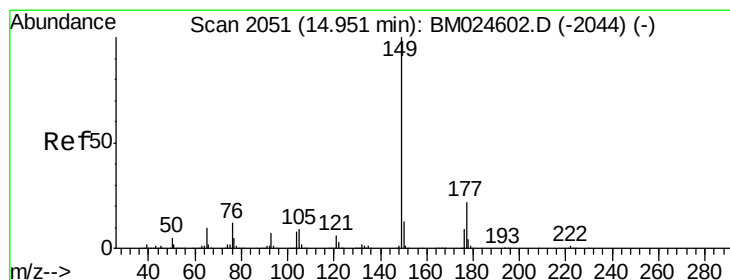
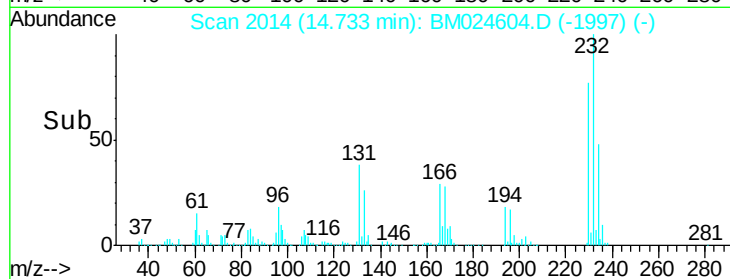
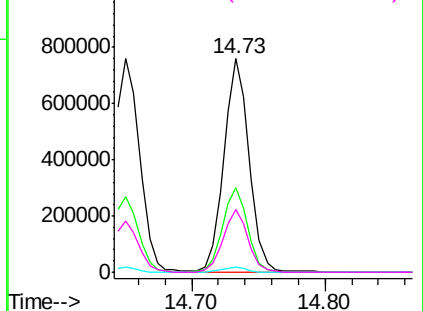
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 71.156 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 1000894
 Ion Ratio Lower Upper
 232 100
 131 39.6 32.2 48.4
 130 2.2 1.9 2.9
 166 28.8 23.4 35.0

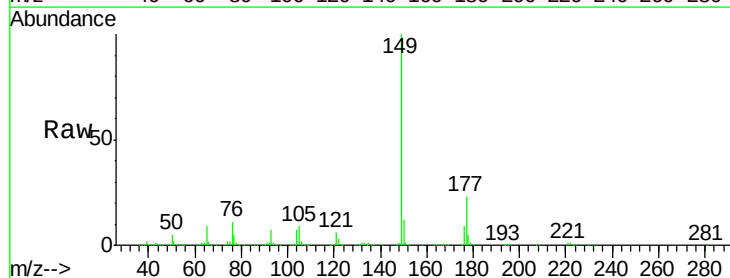


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

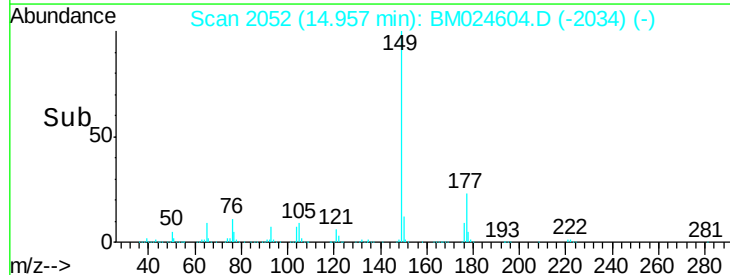
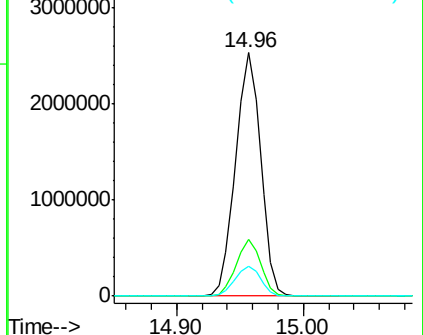


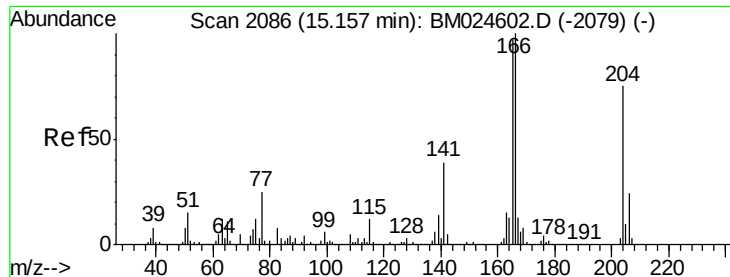
#60
 Diethylphthalate
 Concen: 57.384 ng
 RT: 14.96 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:149 Resp: 3466098
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.0 27.0
 150 12.4 10.2 15.4



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



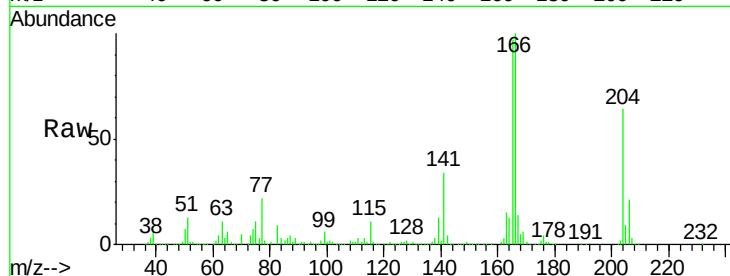


#61
 4-Chlorophenyl-phenylether
 Concen: 59.558 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

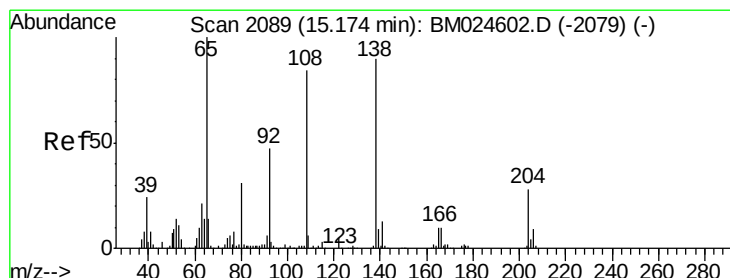
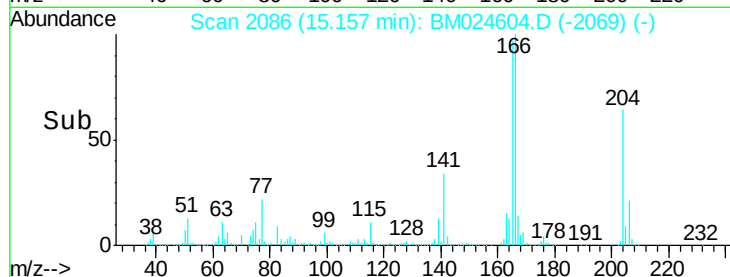
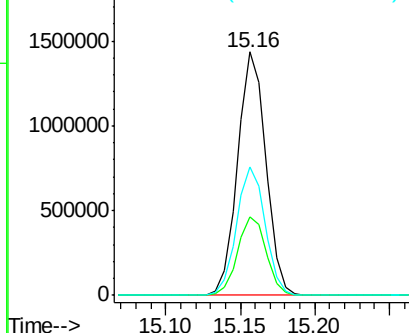
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1891772

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	52.8	42.2	63.2



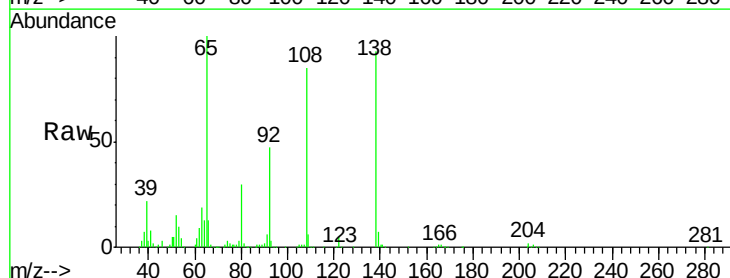
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



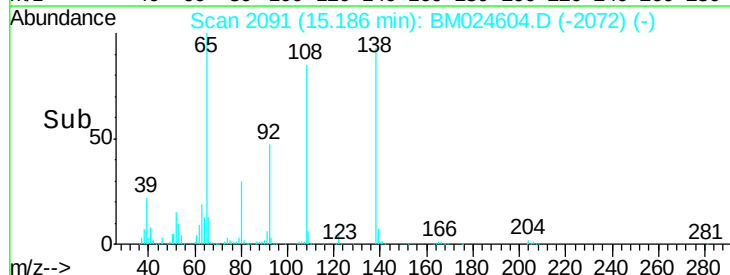
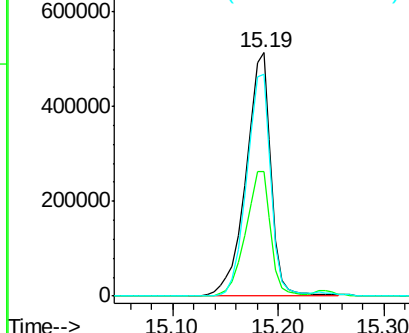
#62
 4-Nitroaniline
 Concen: 55.109 ng
 RT: 15.19 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

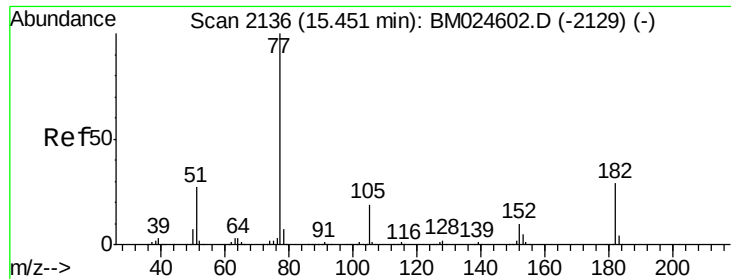
Tgt Ion:138 Resp: 849393

Ion	Ratio	Lower	Upper
138	100		
92	51.0	32.4	72.4
108	91.1	73.3	113.3



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





#63

Azobenzene

Concen: 54.737 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2963124

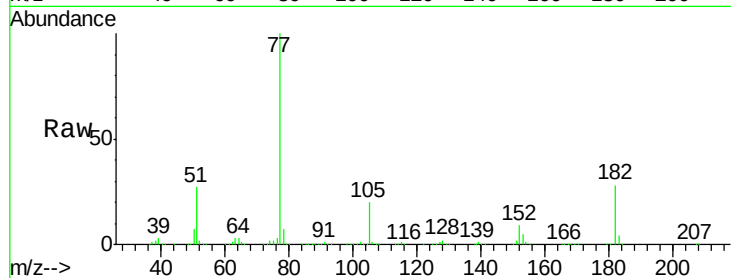
Ion Ratio Lower Upper

77 100

182 28.5 8.7 48.7

105 19.5 0.0 39.2

51 27.4 7.5 47.5

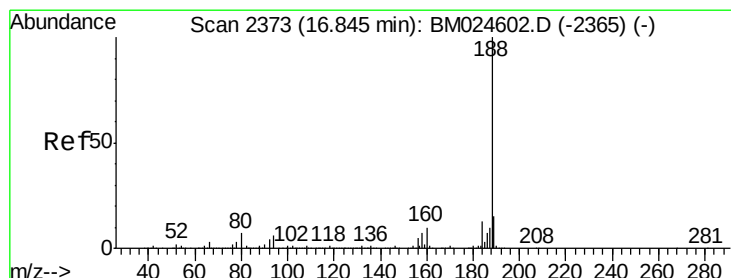
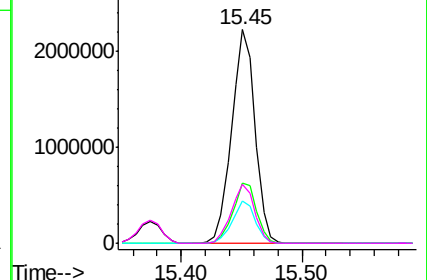
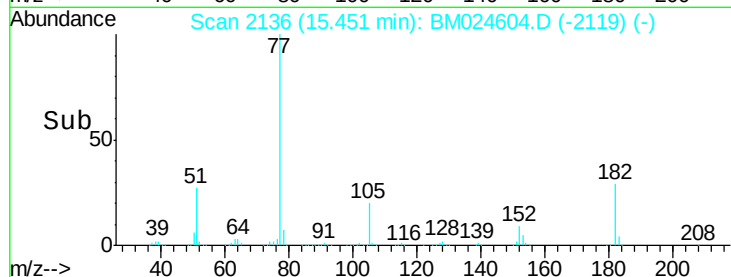


Abundance Ion 77.00 (76.70 to 77.70): BM024604.D (-2136) (-)

Ion 182.00 (181.70 to 182.70): BM024604.D (-2136) (-)

Ion 105.00 (104.70 to 105.70): BM024604.D (-2136) (-)

Ion 51.00 (50.70 to 51.70): BM024604.D (-2136) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

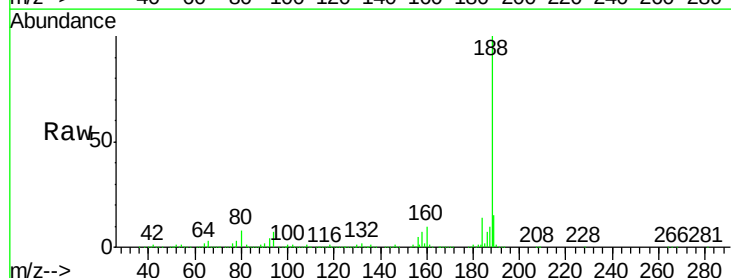
Tgt Ion: 188 Resp: 1624970

Ion Ratio Lower Upper

188 100

94 6.8 5.0 7.6

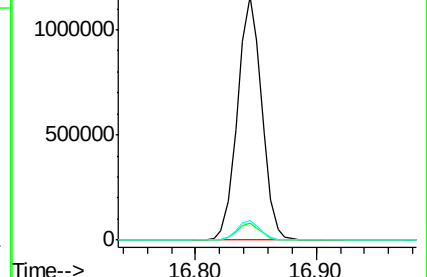
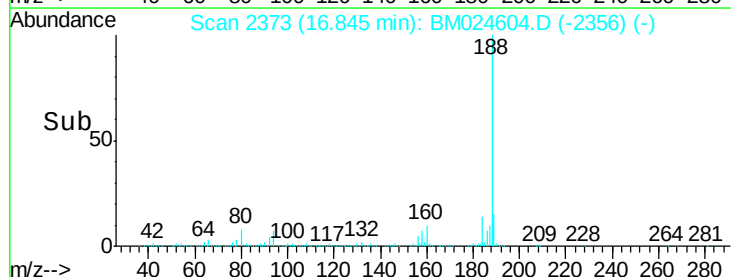
80 8.0 5.8 8.8

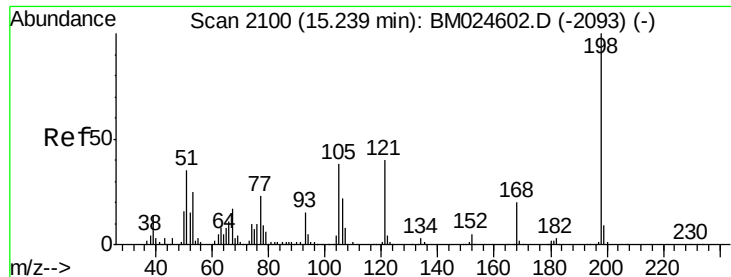


Abundance Ion 188.00 (187.70 to 188.70): BM024604.D (-2373) (-)

Ion 94.00 (93.70 to 94.70): BM024604.D (-2373) (-)

Ion 80.00 (79.70 to 80.70): BM024604.D (-2373) (-)

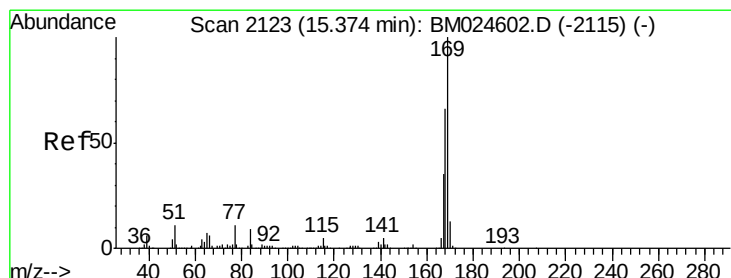
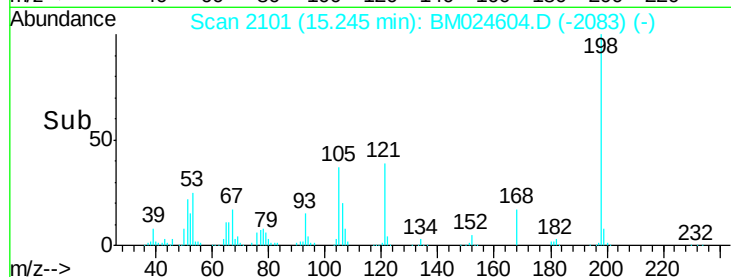
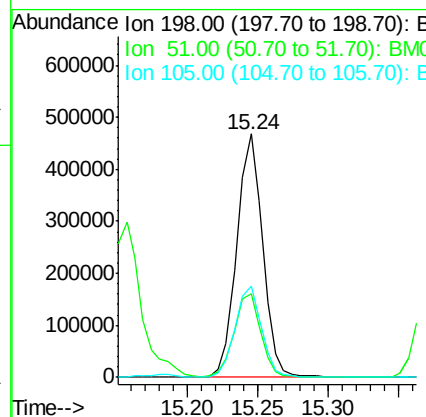
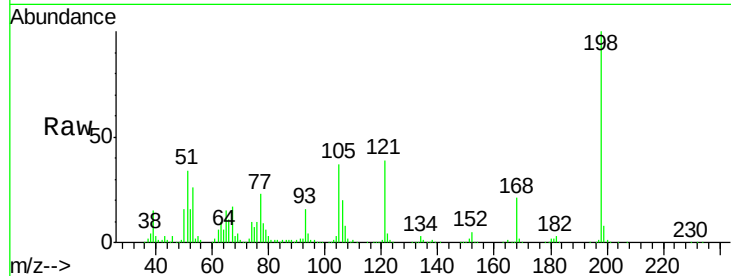




#65
4,6-Dinitro-2-methylphenol
Concen: 86.484 ng
RT: 15.24 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

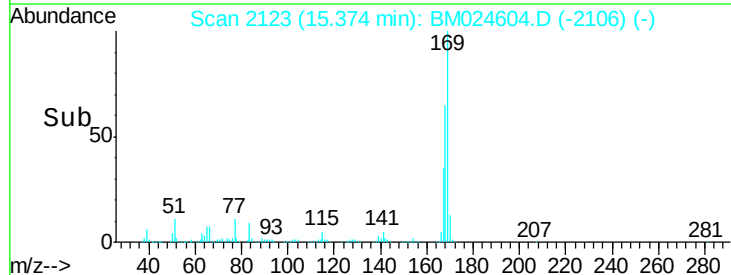
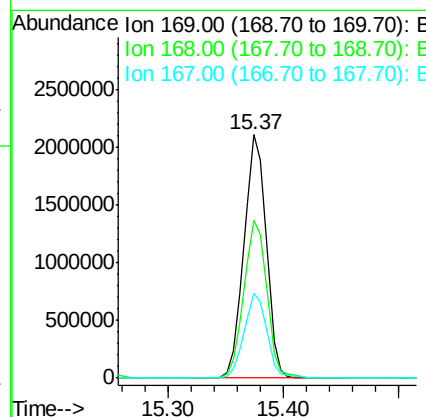
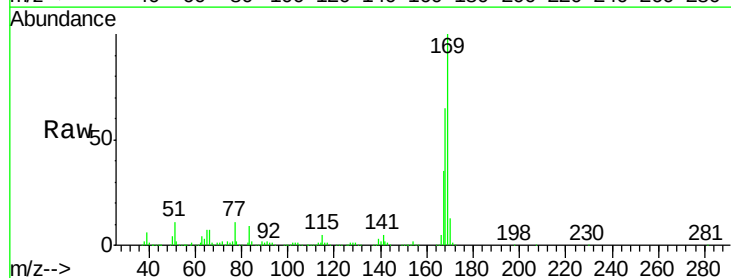
Instrument :
BNA_M
ClientSampleId :

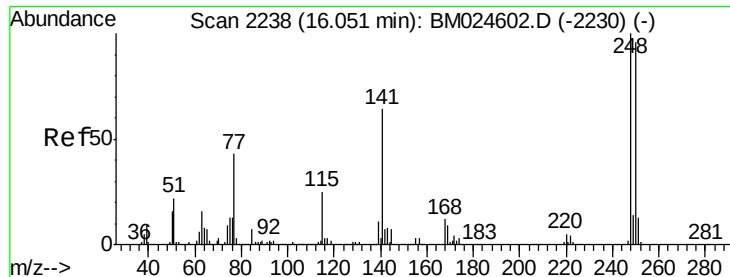
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	15.8	55.8
105	37.3	18.5	58.5



#66
n-Nitrosodiphenylamine
Concen: 58.850 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.0	52.8	79.2
167	34.8	28.2	42.2

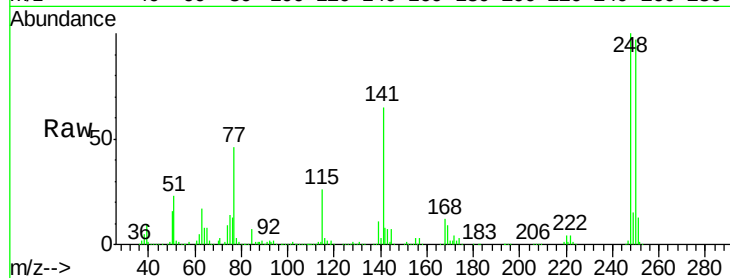




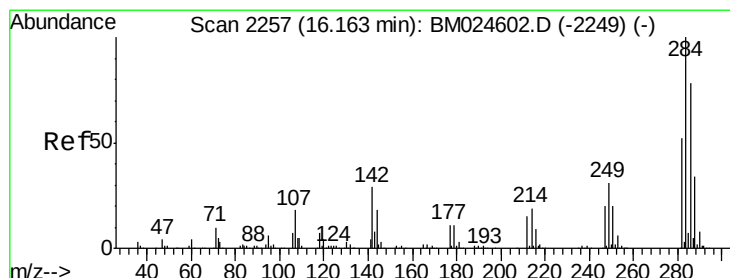
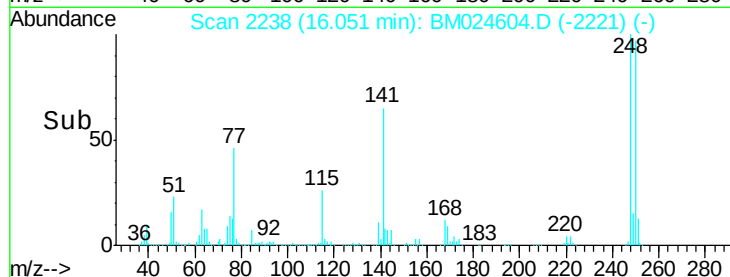
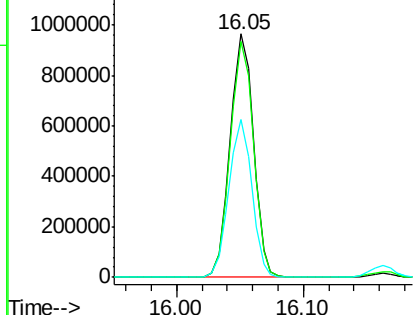
#67
4-Bromophenyl-phenylether
Concen: 62.393 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 1223401
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.6
141 65.0 50.9 76.3

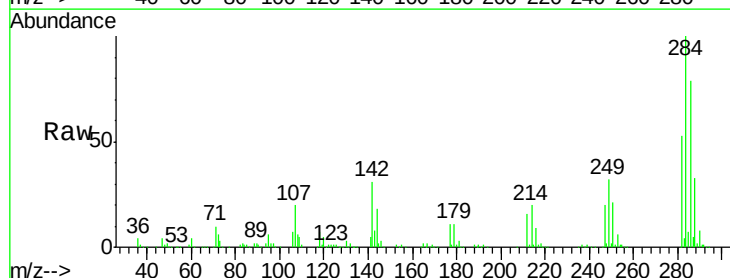


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

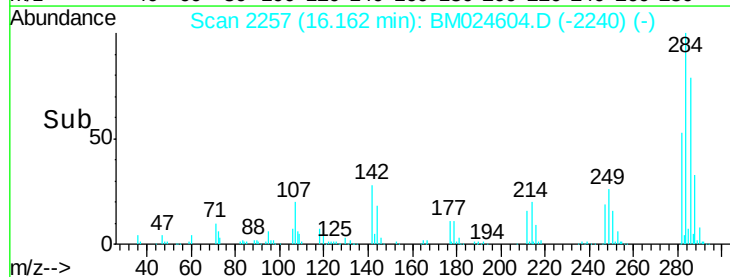
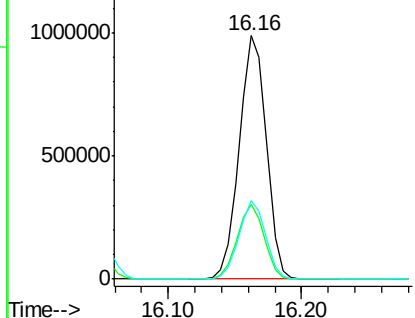


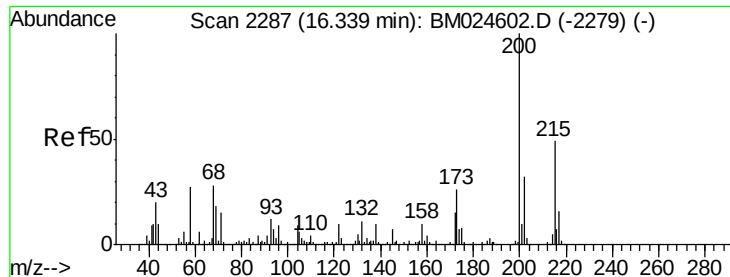
#68
Hexachlorobenzene
Concen: 60.486 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:284 Resp: 1381369
Ion Ratio Lower Upper
284 100
142 30.6 23.5 35.3
249 32.1 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: 82.200 ng

RT: 16.34 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

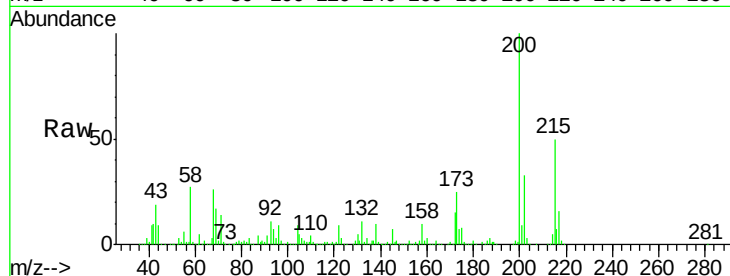
Tot Ion:200 Resp: 1088601

Ion Ratio Lower Upper

200 100

173 25.0 5.5 45.5

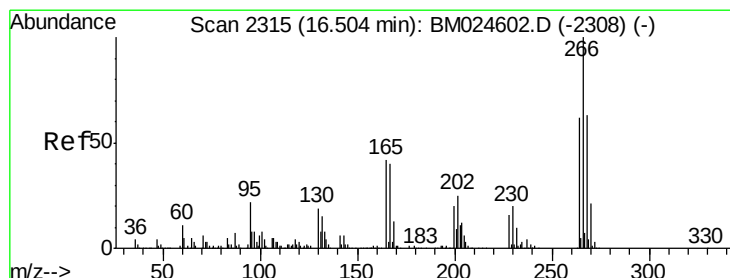
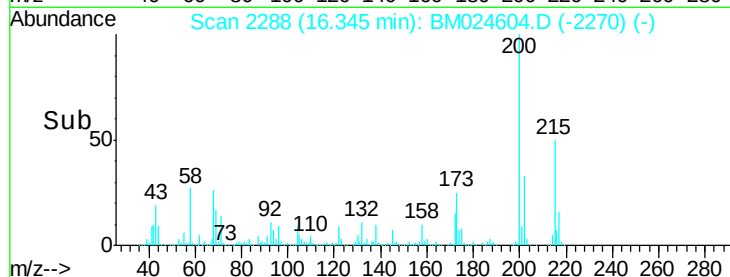
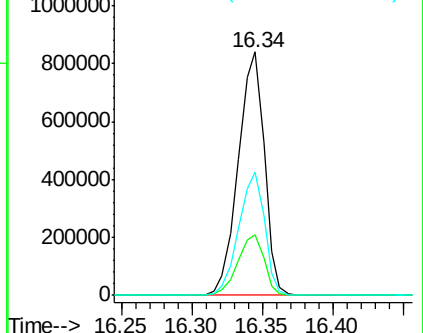
215 50.5 29.4 69.4



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: 75.305 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

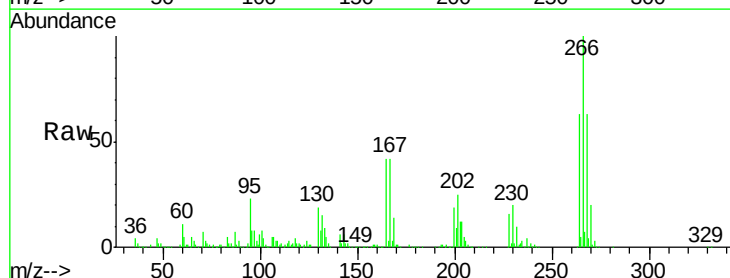
Tgt Ion:266 Resp: 868246

Ion Ratio Lower Upper

266 100

268 62.8 50.4 75.6

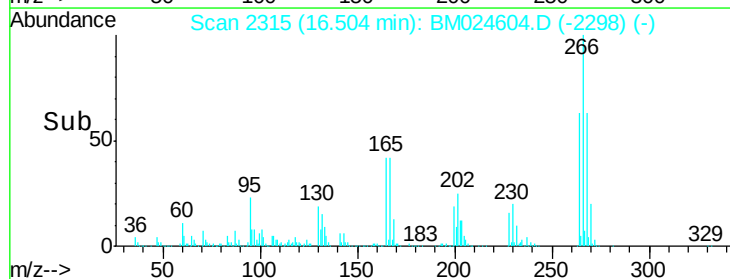
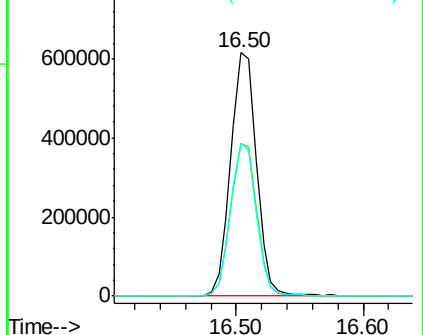
264 62.6 49.9 74.9

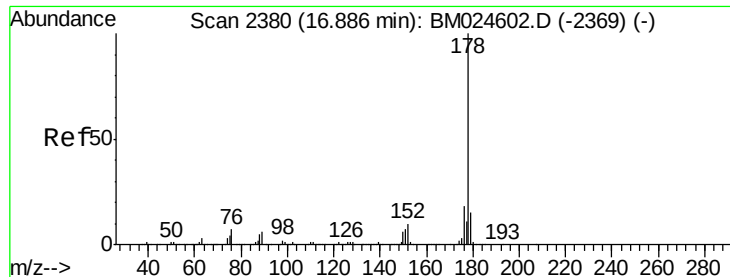


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

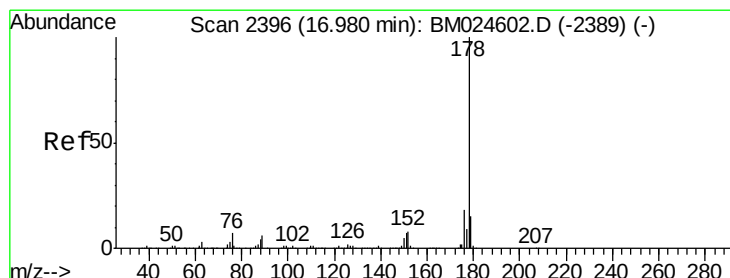
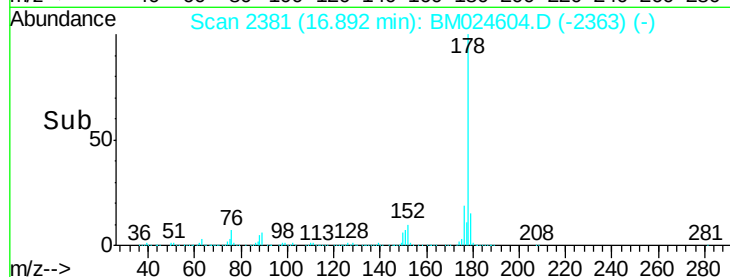
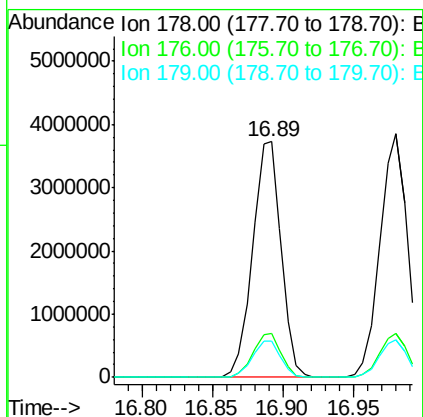
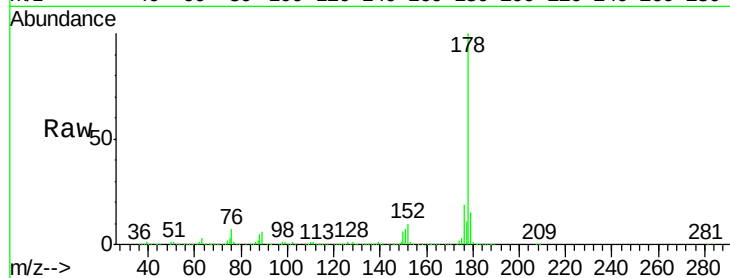




#71
Phenanthrene
Concen: 57.060 ng
RT: 16.89 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

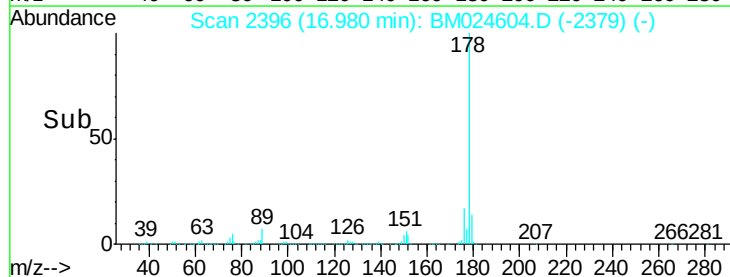
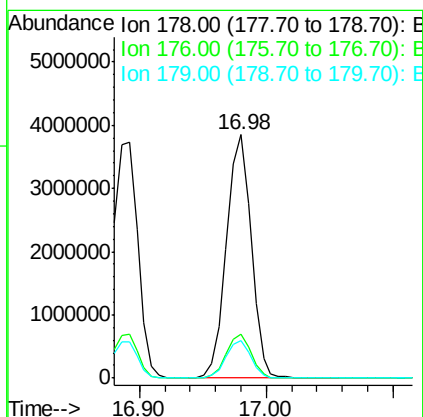
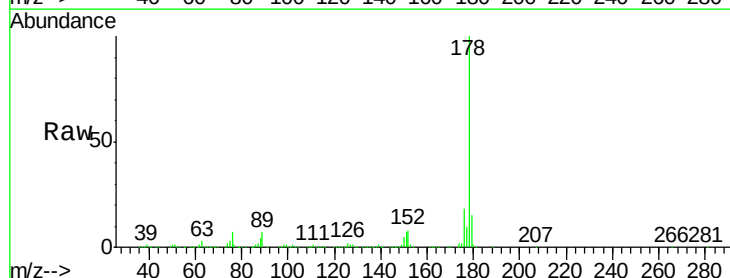
Instrument :
BNA_M
ClientSampleId :

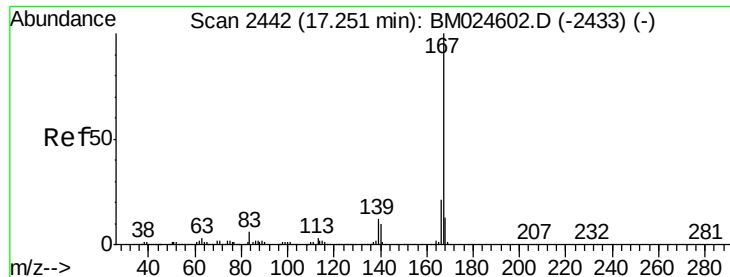
Tot Ion:178 Resp: 5289094
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.4 11.9 17.9



#72
Anthracene
Concen: 57.122 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:178 Resp: 5188974
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.3 12.1 18.1





#73

Carbazole

Concen: 55.655 ng

RT: 17.25 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

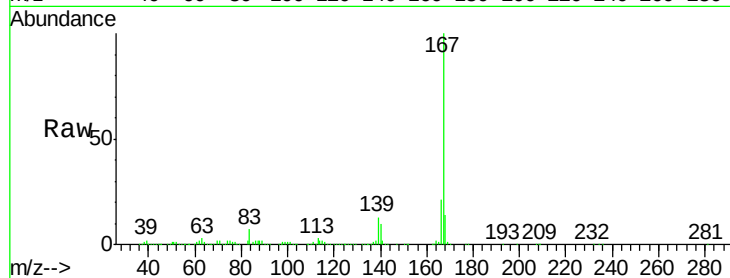
Tot Ion:167 Resp: 4726098

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

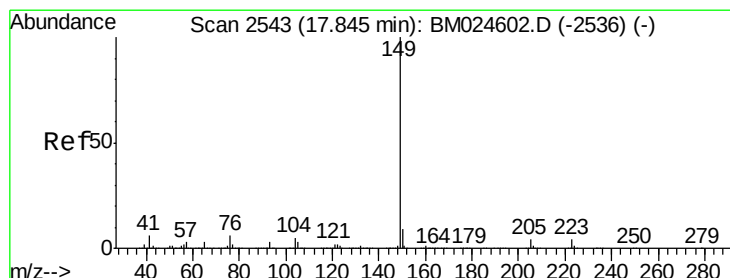
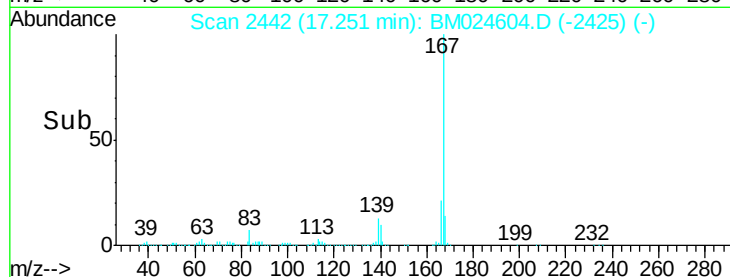
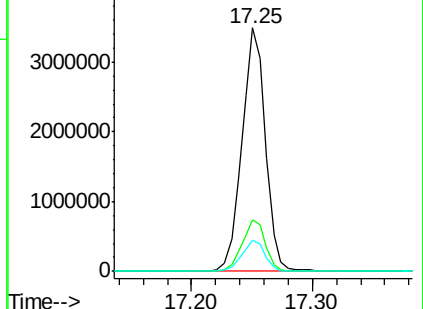
139 12.7 9.8 14.8



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: 62.033 ng

RT: 17.84 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

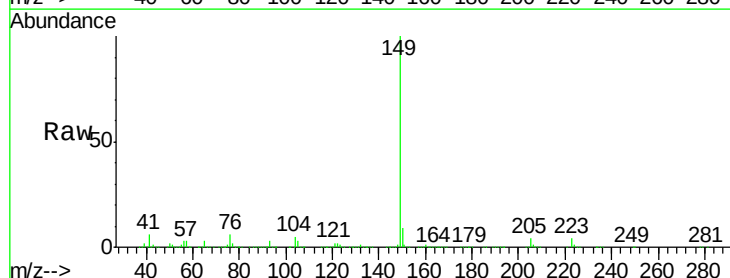
Tgt Ion:149 Resp: 6076975

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

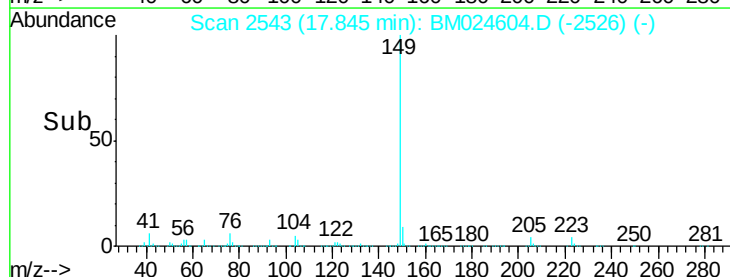
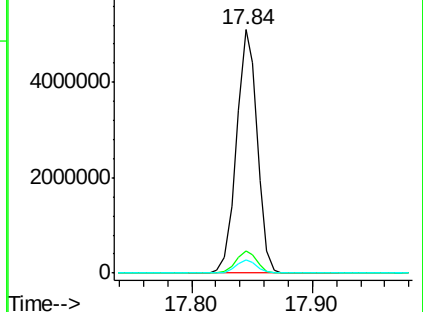
104 5.4 4.3 6.5

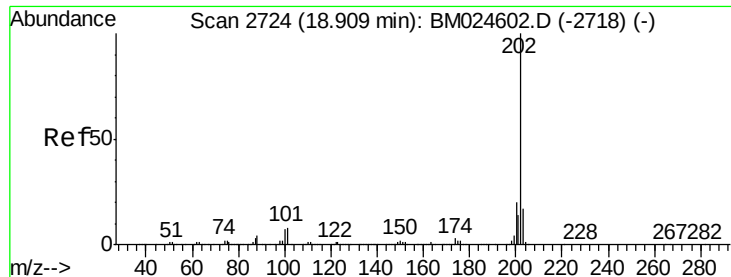


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

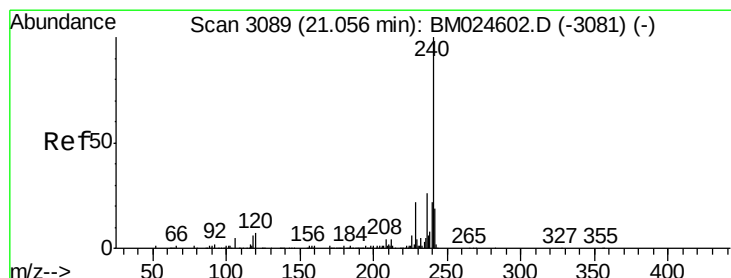
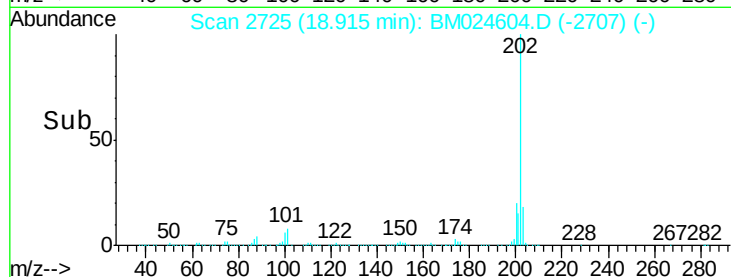
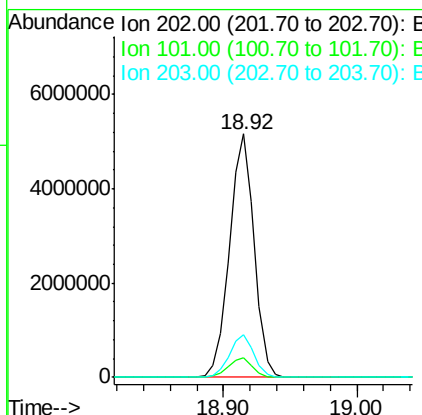
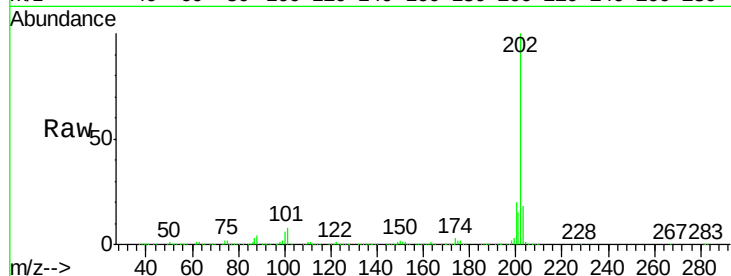




#75
 Fluoranthene
 Concen: 60.019 ng
 RT: 18.92 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

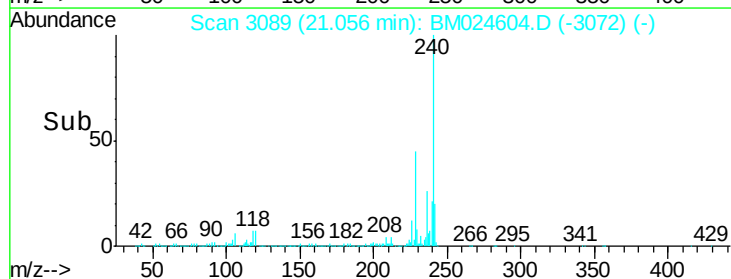
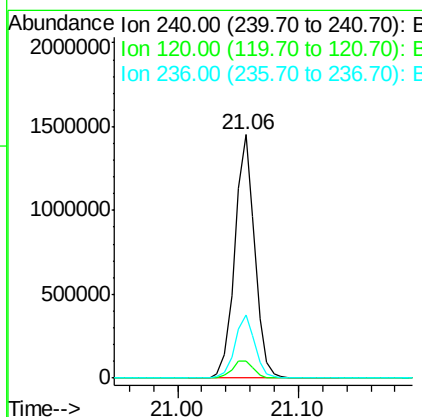
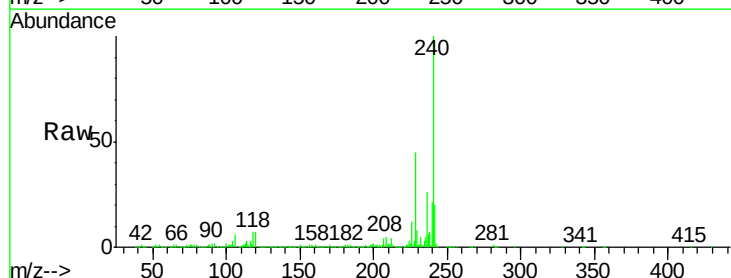
Instrument :
 BNA_M
 ClientSampleId :

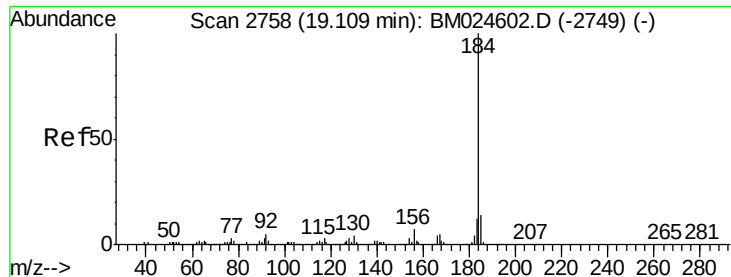
Tot Ion:202 Resp: 6648855
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 28.4
 203 17.6 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:240 Resp: 1662155
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.3 7.9
 236 25.8 20.6 31.0





#77

Benzidine

Concen: 78.259 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

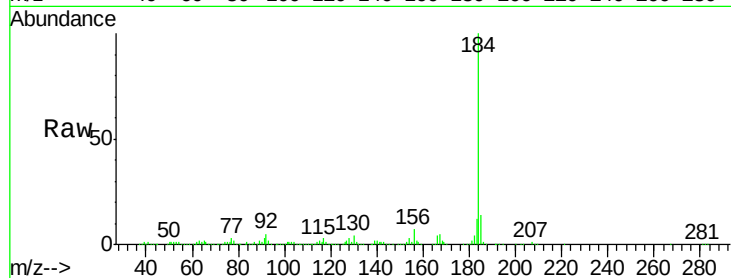
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1903494

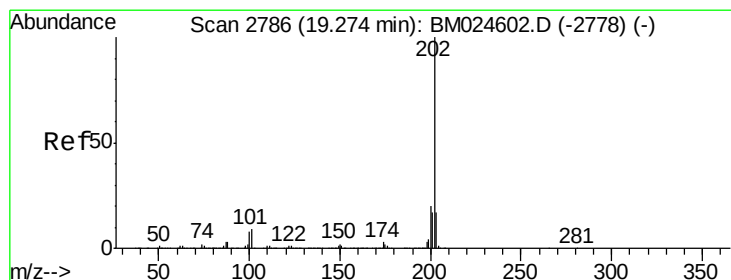
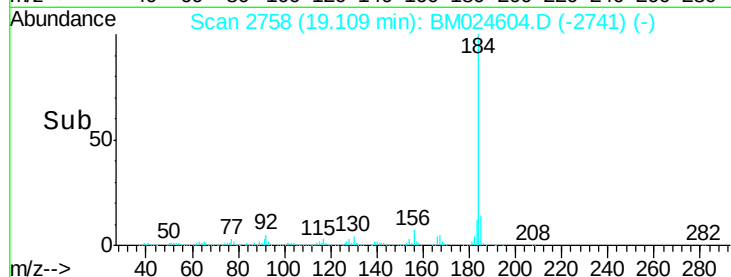
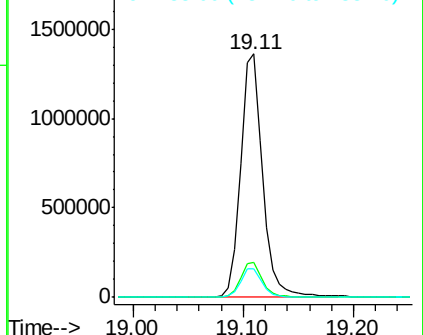
Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.5	9.6	14.4



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: 61.565 ng

RT: 19.28 min Scan# 2787

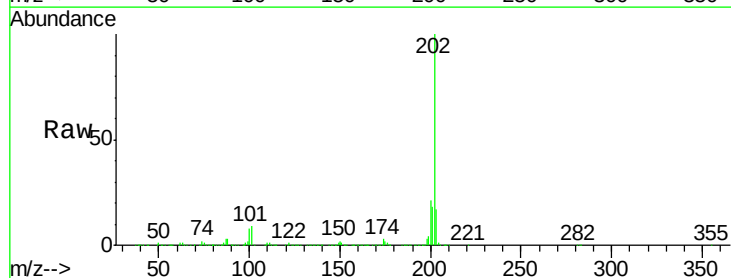
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:202 Resp: 6744073

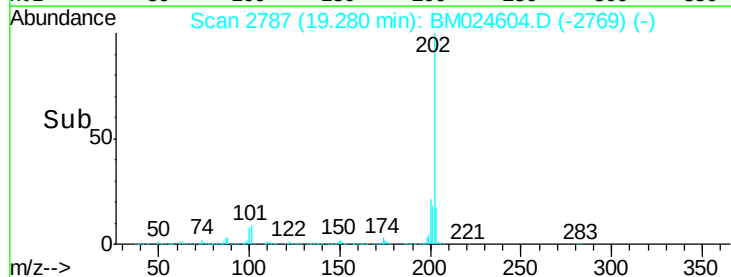
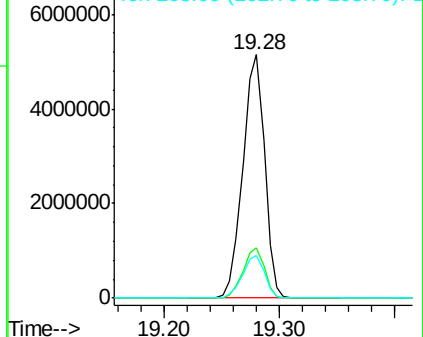
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.5	14.0	21.0

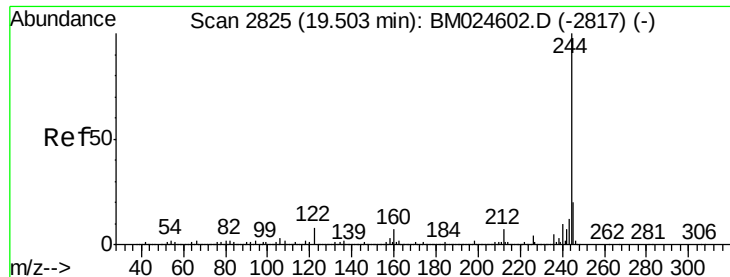


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 141.572 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

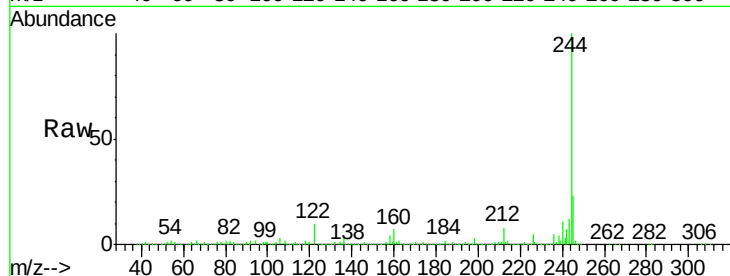
Tot Ion:244 Resp:11220761

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

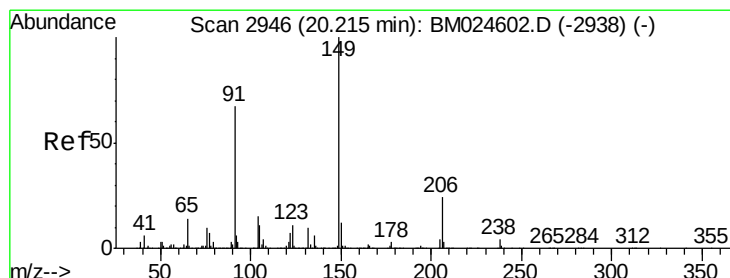
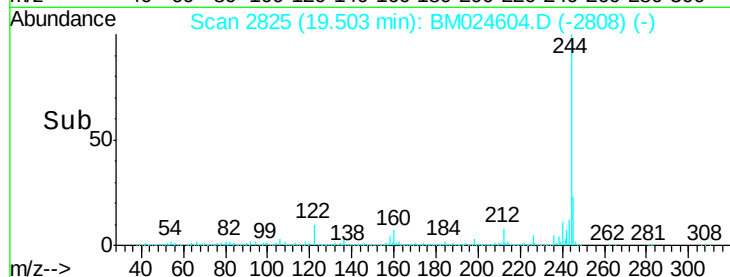
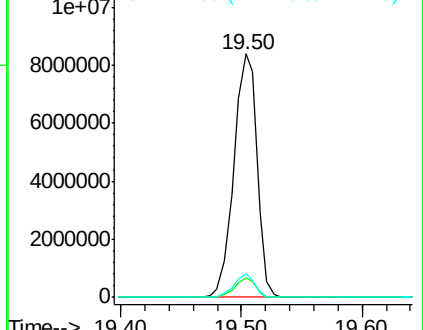
122 9.6 6.2 9.4#



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: 78.459 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

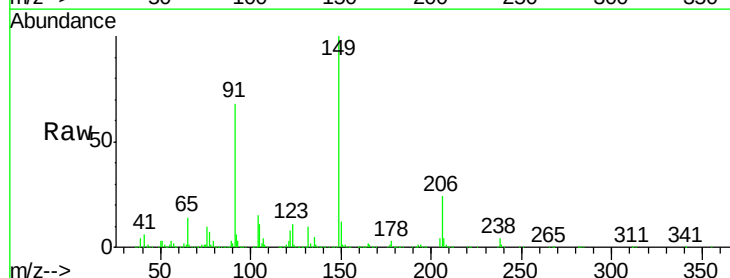
Tgt Ion:149 Resp: 2864096

Ion Ratio Lower Upper

149 100

91 68.3 53.9 80.9

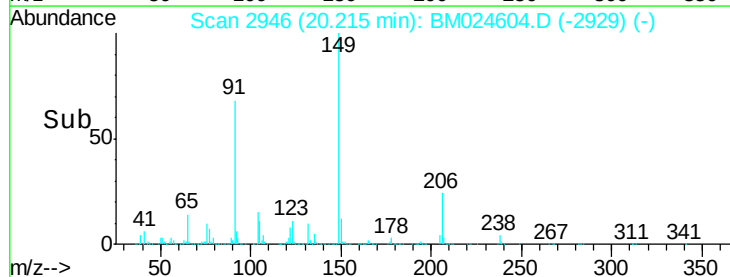
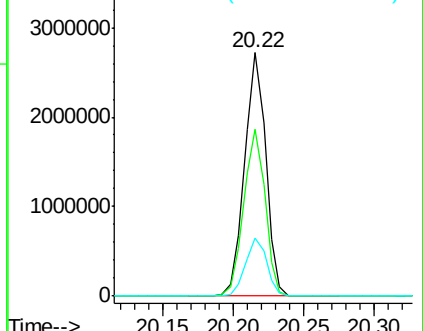
206 24.0 19.0 28.6

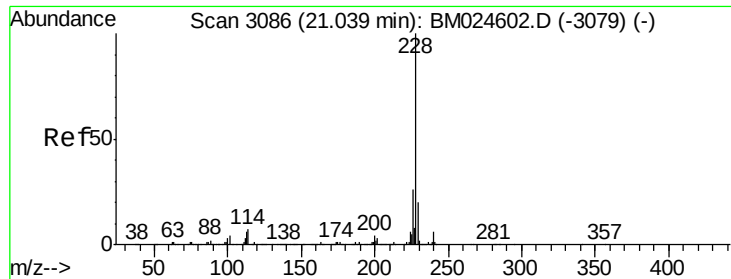


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.166 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

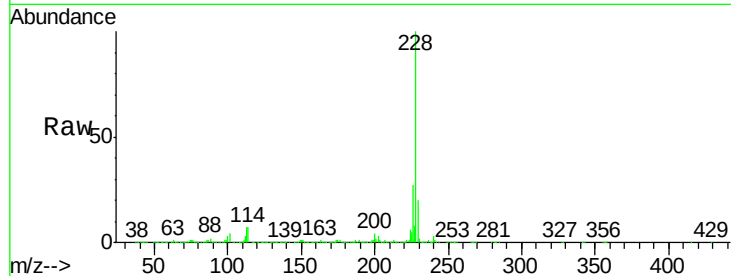
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 7005610

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.9	15.8	23.6

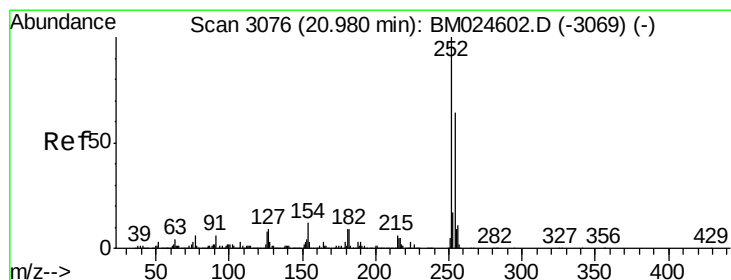
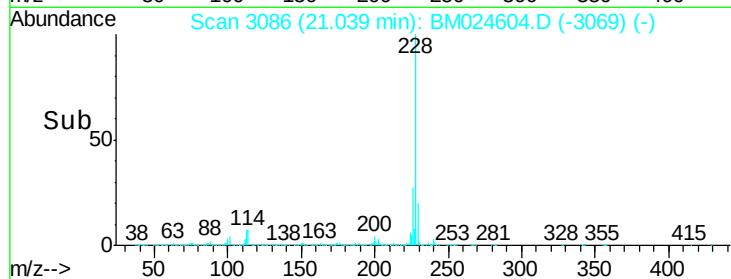
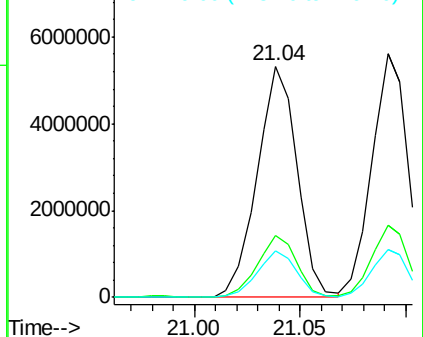


Abundance

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: 72.753 ng

RT: 20.98 min Scan# 3076

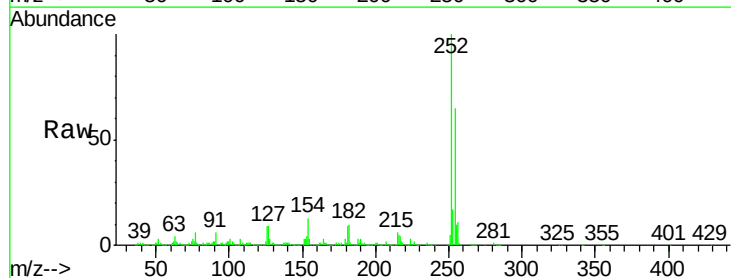
Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:252 Resp: 2541828

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	8.8	6.7	10.1

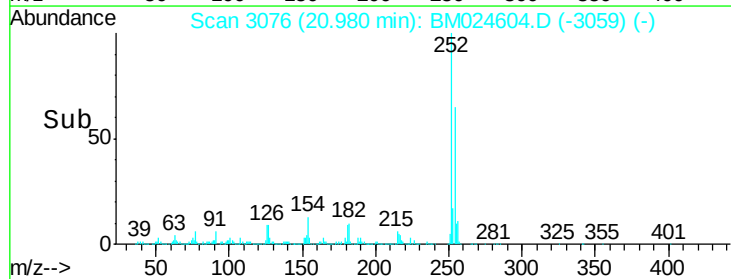
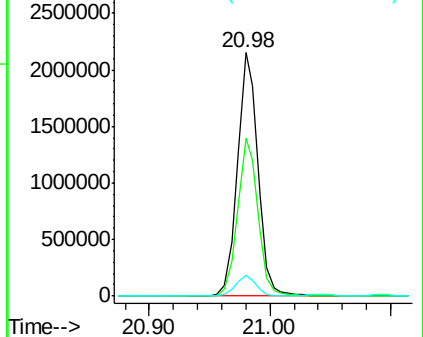


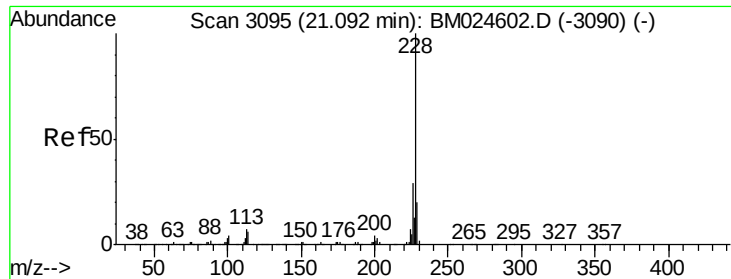
Abundance

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: 61.650 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

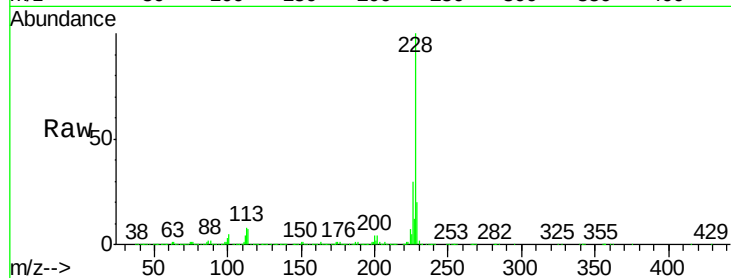
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 6676876

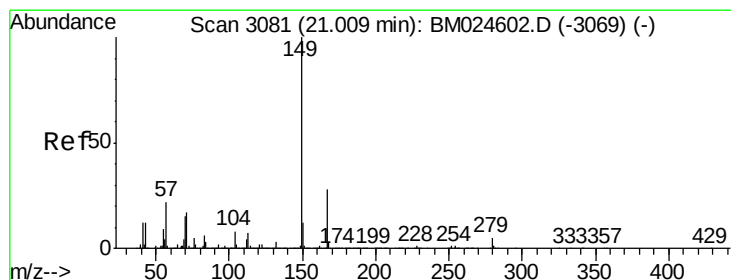
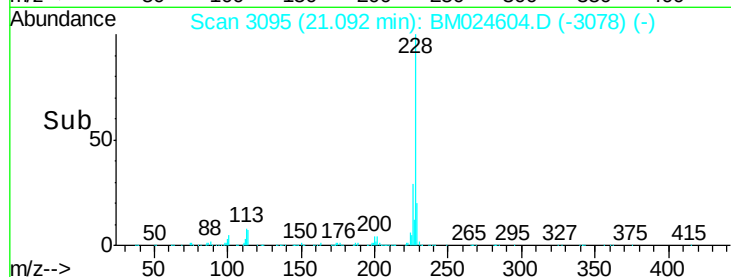
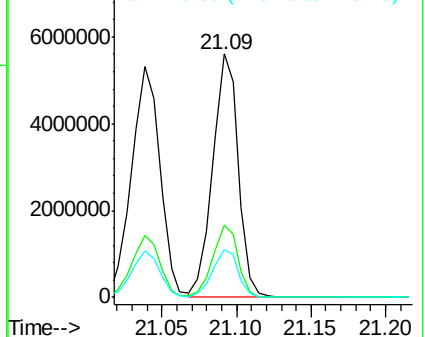
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	19.8	15.7	23.5



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: 69.191 ng

RT: 21.01 min Scan# 3081

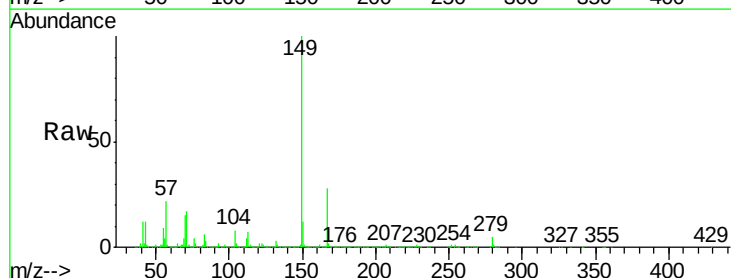
Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:149 Resp: 4186135

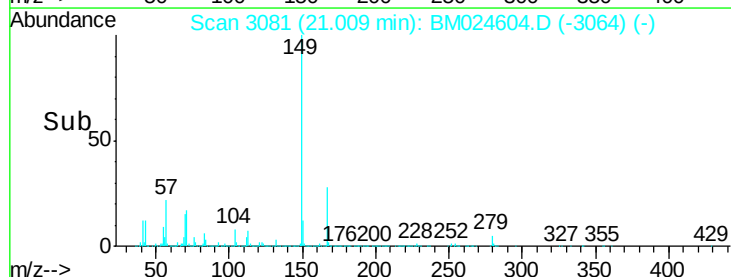
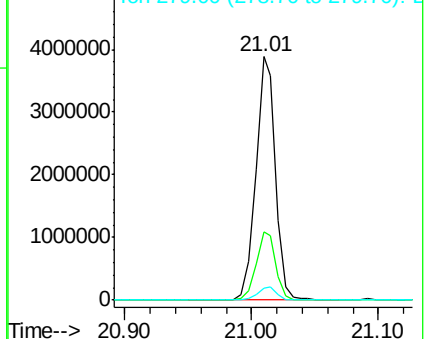
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	5.0	4.0	6.0

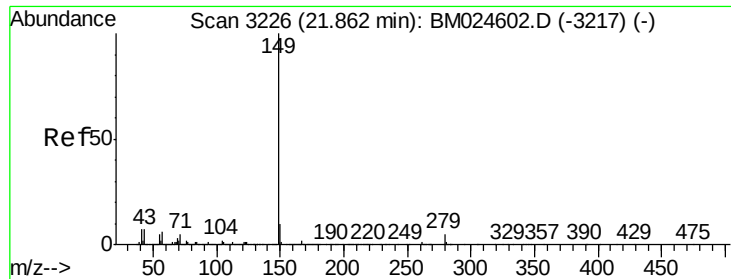


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

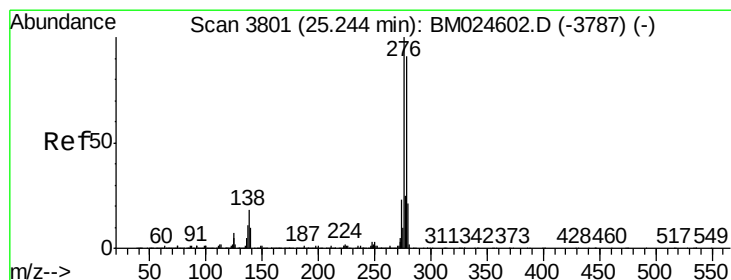
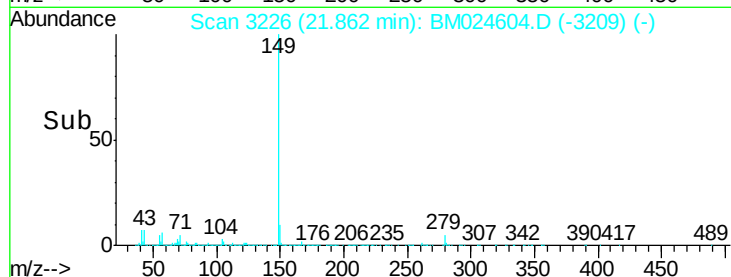
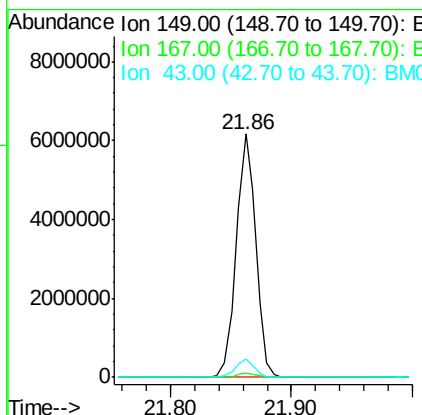
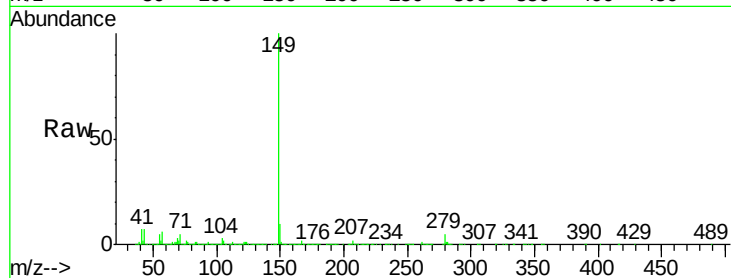




#85
Di-n-octyl phthalate
Concen: 74.128 ng
RT: 21.86 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

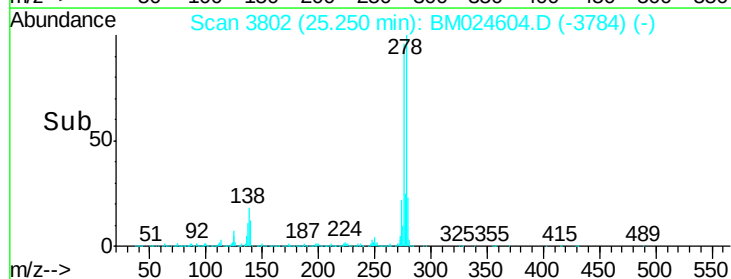
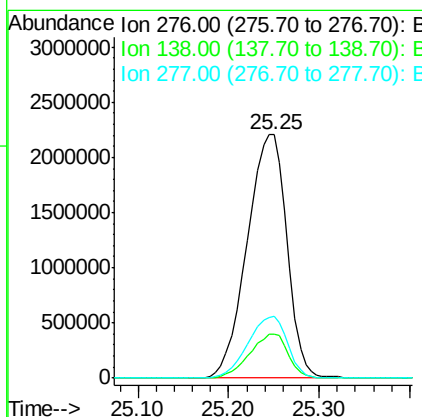
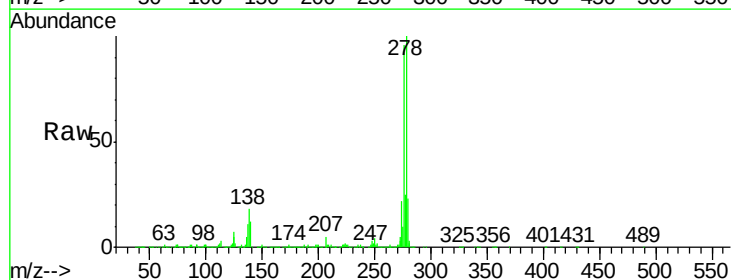
Instrument :
BNA_M
ClientSampleId :

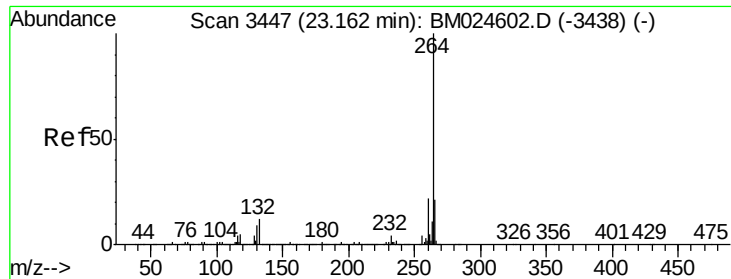
Tot Ion:149 Resp: 6953748
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.3 5.8 8.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 62.804 ng
RT: 25.25 min Scan# 3802
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:276 Resp: 6751522
Ion Ratio Lower Upper
276 100
138 17.7 13.4 20.0
277 25.2 19.6 29.4

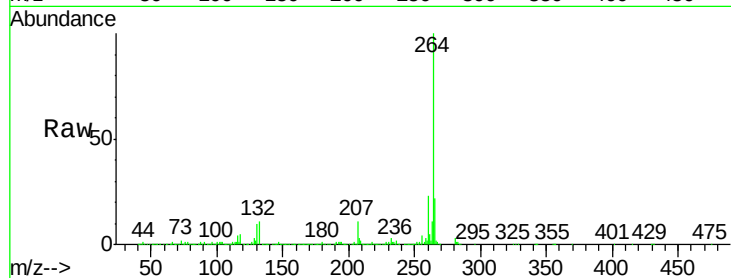




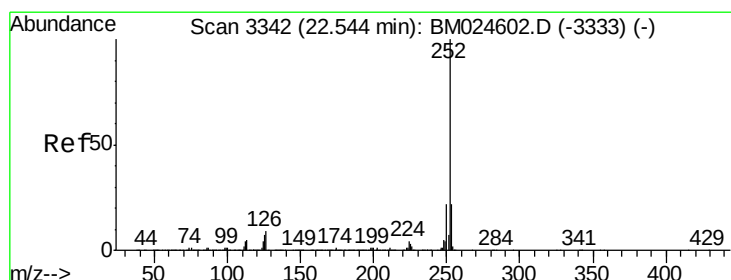
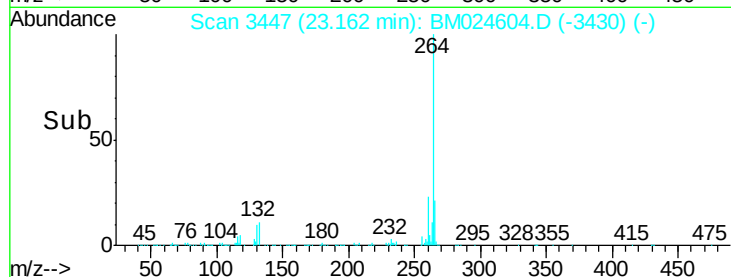
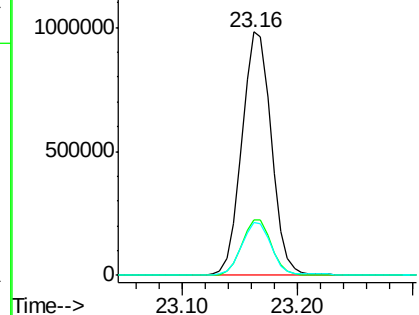
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1745565
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 21.7 17.3 25.9

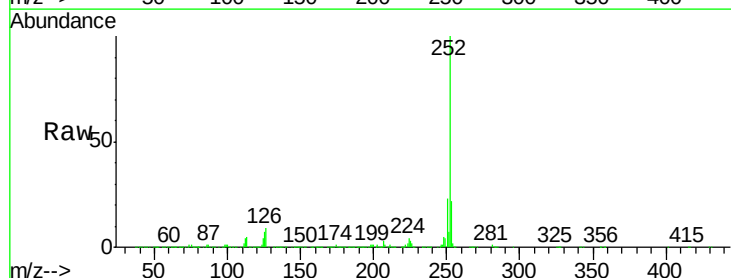


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

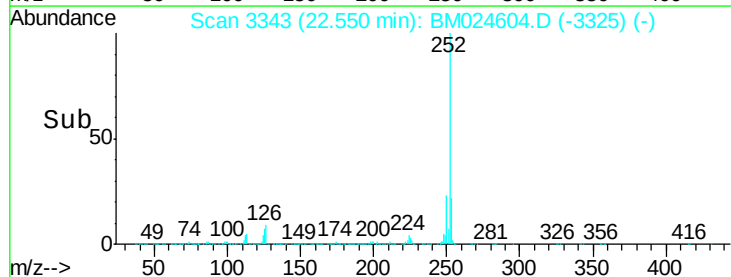
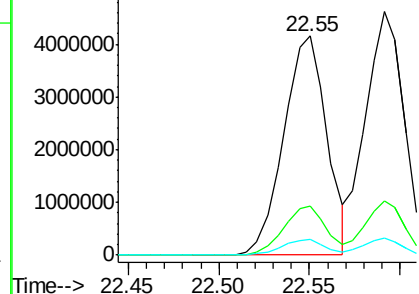


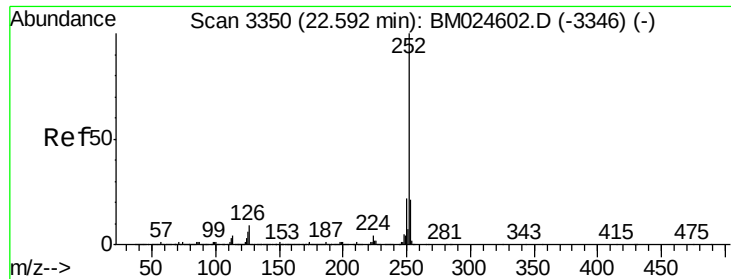
#88
Benzo(b)fluoranthene
Concen: 58.462 ng
RT: 22.55 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:252 Resp: 6904775
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

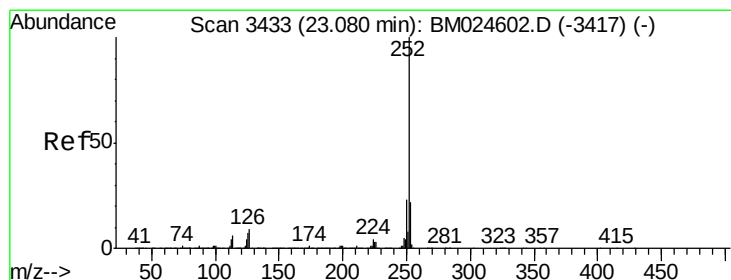
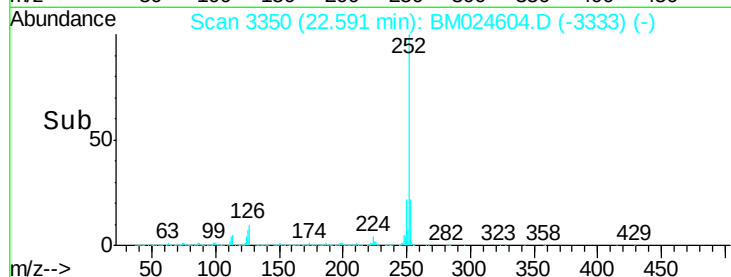
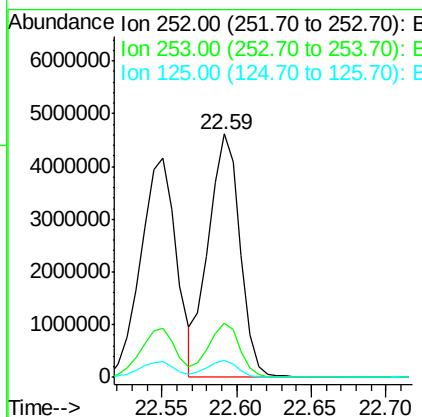
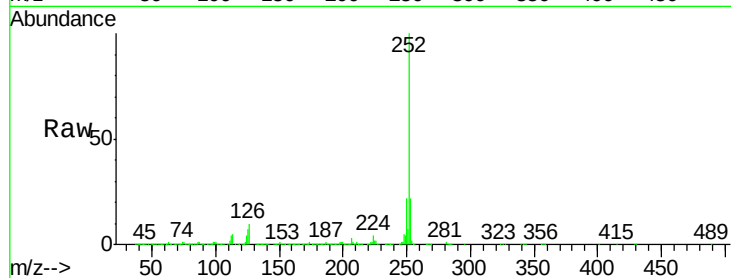




#89
Benzo(k)fluoranthene
Concen: 60.281 ng
RT: 22.59 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

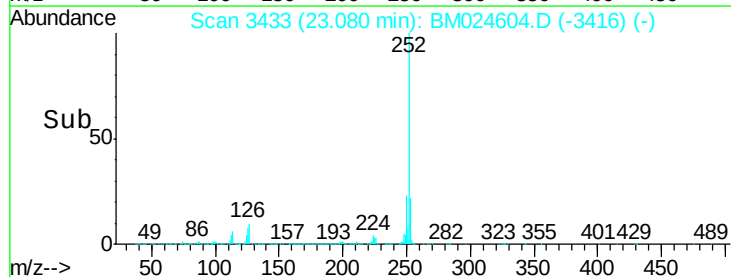
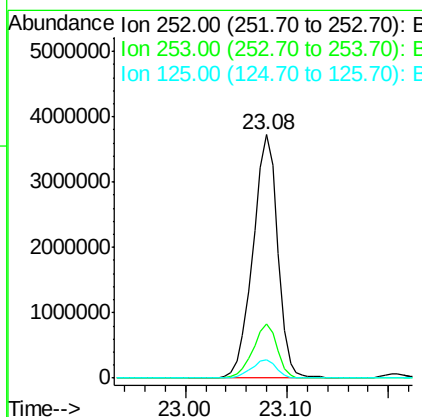
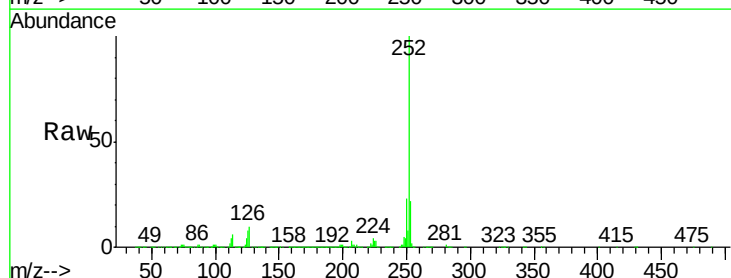
Instrument :
BNA_M
ClientSampleId :

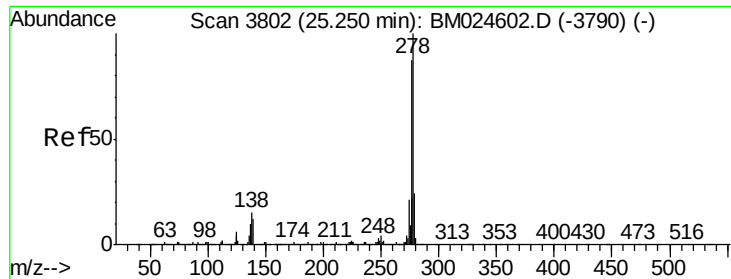
Tot Ion:252 Resp: 6840525
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.2 5.2 7.8



#90
Benzo(a)pyrene
Concen: 59.980 ng
RT: 23.08 min Scan# 3433
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:252 Resp: 6310184
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.7 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 60.844 ng

RT: 25.26 min Scan# 3803

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

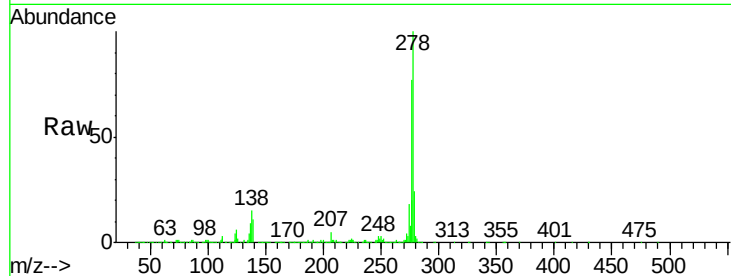
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 5706675

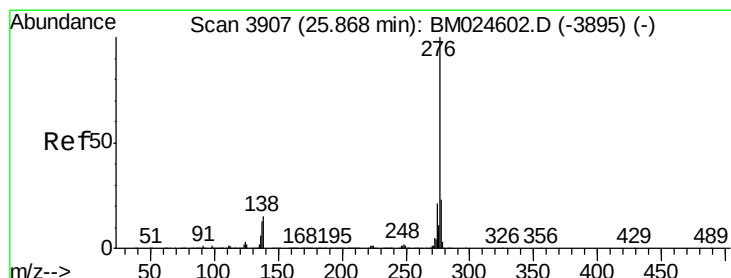
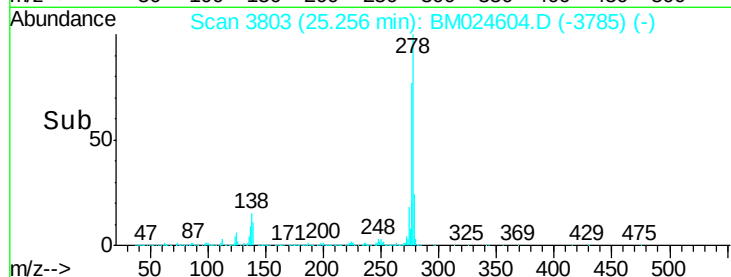
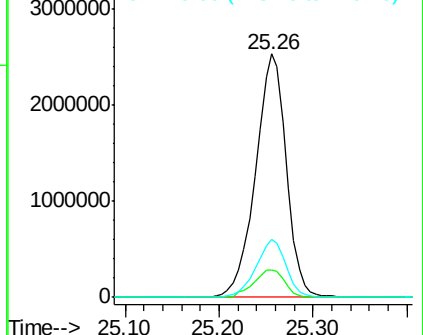
Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.3	13.9
279	23.6	18.9	28.3



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: 59.938 ng

RT: 25.87 min Scan# 3908

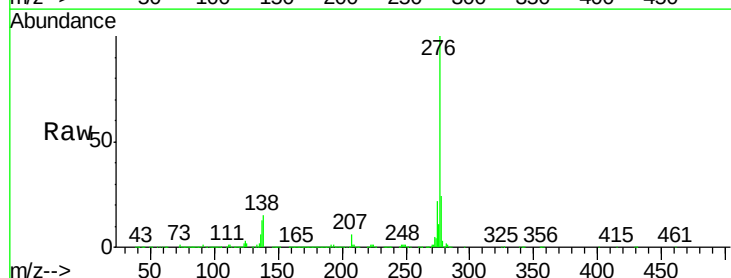
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:276 Resp: 5079659

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	14.6	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

