

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020086.D
 Acq On : 01 May 2019 12:36
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:28:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	93245	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	384911	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	250001	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	637420	20.00	ng	0.00
76) Chrysene-d12	21.36	240	731870	20.00	ng	0.00
87) Perylene-d12	23.65	264	815944	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	427955	75.02	ng	0.00
7) Phenol-d6	6.95	99	596405	76.53	ng	0.00
23) Nitrobenzene-d5	8.96	82	747649	76.69	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	316743	81.62	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1563321	76.94	ng	0.00
79) Terphenyl-d14	19.80	244	3185525	75.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	104635	37.399	ng	94
3) Pyridine	3.70	79	288252	40.285	ng	98
4) n-Nitrosodimethylamine	3.62	42	95919	41.804	ng	98
6) Aniline	7.12	93	374262	38.151	ng	97
8) 2-Chlorophenol	7.35	128	238714	38.432	ng	98
9) Benzaldehyde	6.94	77	228048	38.663	ng	98
10) Phenol	6.97	94	318031	37.908	ng	96
11) bis(2-Chloroethyl)ether	7.22	93	232896	38.194	ng	99
12) 1,3-Dichlorobenzene	7.67	146	280553	38.821	ng	96
13) 1,4-Dichlorobenzene	7.83	146	284408	38.957	ng	97
14) 1,2-Dichlorobenzene	8.14	146	271022	38.966	ng	100
15) Benzyl Alcohol	8.03	79	290875	38.708	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.32	45	183992	36.389	ng	97
17) 2-Methylphenol	8.22	107	209732	38.835	ng	99
18) Hexachloroethane	8.86	117	120185	39.482	ng	99
19) n-Nitroso-di-n-propylamine	8.60	70	260576	39.082	ng	98
20) 3+4-Methylphenols	8.55	107	279981	39.007	ng	98
22) Acetophenone	8.62	105	396726	37.713	ng	# 100
24) Nitrobenzene	9.00	77	390536	38.634	ng	98
25) Isophorone	9.52	82	635245	37.783	ng	98
26) 2-Nitrophenol	9.70	139	118495	38.828	ng	97
27) 2,4-Dimethylphenol	9.75	122	192595	37.907	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	347952	37.999	ng	98
29) 2,4-Dichlorophenol	10.23	162	255200	39.833	ng	99
30) 1,2,4-Trichlorobenzene	10.45	180	309793	39.298	ng	99
31) Naphthalene	10.63	128	765352	38.316	ng	99
32) Benzoic acid	9.87	122	114830	34.001	ng	99
33) 4-Chloroaniline	10.75	127	317243	38.588	ng	100
34) Hexachlorobutadiene	10.90	225	224341	40.229	ng	97
35) Caprolactam	11.53	113	74299	38.785	ng	94
36) 4-Chloro-3-methylphenol	11.86	107	295749	39.282	ng	98
37) 2-Methylnaphthalene	12.25	142	567788	38.991	ng	99
38) 1-Methylnaphthalene	12.47	142	554536	38.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	373813	38.218	ng	99

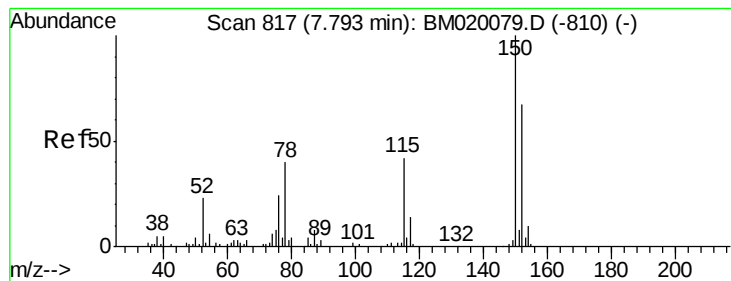
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020086.D
 Acq On : 01 May 2019 12:36
 Operator : JU/SJ
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 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	220416	38.273	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	218341	39.278	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	244479	39.369	ng	95
46) 1,1'-Biphenyl	13.26	154	783766	38.088	ng	98
47) 2-Chloronaphthalene	13.30	162	624607	38.017	ng	99
48) 2-Nitroaniline	13.52	65	231674	39.608	ng	99
49) Acenaphthylene	14.16	152	1016936	38.676	ng	99
50) Dimethylphthalate	13.89	163	827095	38.926	ng	100
51) 2,6-Dinitrotoluene	14.02	165	177376	39.634	ng	95
52) Acenaphthene	14.50	154	587987	38.996	ng	99
53) 3-Nitroaniline	14.35	138	163809	39.438	ng	95
54) 2,4-Dinitrophenol	14.55	184	79205	40.063	ng	93
55) Dibenzofuran	14.83	168	1002774	39.427	ng	99
56) 4-Nitrophenol	14.64	139	141051	39.801	ng	99
57) 2,4-Dinitrotoluene	14.80	165	247995	40.781	ng	96
58) Fluorene	15.48	166	826664	39.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	238851	40.474	ng	99
60) Diethylphthalate	15.26	149	848089	39.617	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	468980	39.626	ng	99
62) 4-Nitroaniline	15.51	138	184913	40.340	ng	90
63) Azobenzene	15.77	77	1007917	39.910	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	118961	38.631	ng	96
66) n-Nitrosodiphenylamine	15.69	169	721176	38.450	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	303646	38.847	ng	95
68) Hexachlorobenzene	16.47	284	351378	39.065	ng	98
69) Atrazine	16.64	200	289993	39.563	ng	98
70) Pentachlorophenol	16.82	266	208793	40.571	ng	98
71) Phenanthrene	17.22	178	1371715	38.985	ng	98
72) Anthracene	17.31	178	1363031	38.745	ng	100
73) Carbazole	17.59	167	1253794	39.498	ng	99
74) Di-n-butylphthalate	18.14	149	1488001	38.951	ng	99
75) Fluoranthene	19.23	202	1765554	39.658	ng	99
77) Benzidine	19.43	184	889203	38.003	ng	98
78) Pyrene	19.60	202	1865731	37.970	ng	100
80) Butylbenzylphthalate	20.50	149	679067	38.003	ng	98
81) Benzo(a)anthracene	21.34	228	1984123	38.657	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	763317	38.966	ng	99
83) Chrysene	21.40	228	1915937	38.490	ng	99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1044919	37.685	ng	99
85) Di-n-octyl phthalate	22.17	149	1755736	38.098	ng	100
86) Indeno(1,2,3-cd)pyrene	25.98	276	2336375	39.460	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2023661	37.558	ng	100
89) Benzo(k)fluoranthene	23.00	252	1946560	39.605	ng	98
90) Benzo(a)pyrene	23.55	252	1873630	38.283	ng	98
91) Dibenzo(a,h)anthracene	25.99	278	1955686	38.425	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1859803	38.488	ng	99

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

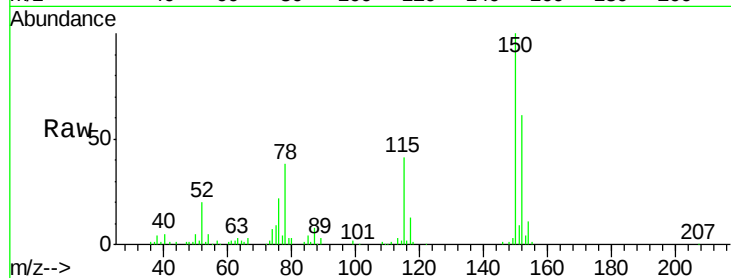


#1

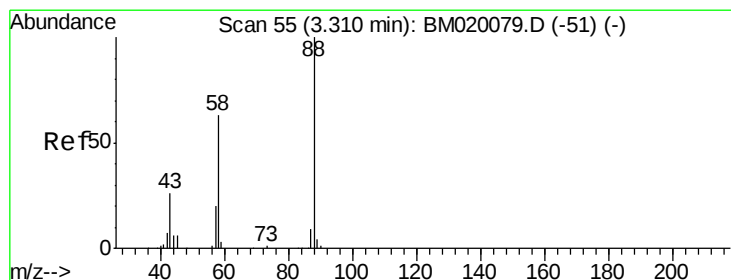
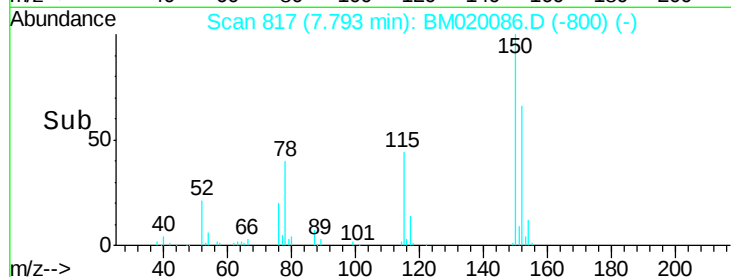
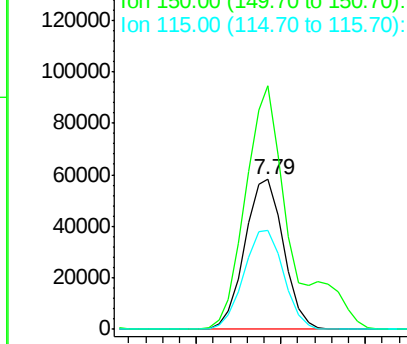
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 93245
Ion Ratio Lower Upper
152 100
150 162.8 119.8 179.8
115 66.6 50.8 76.2



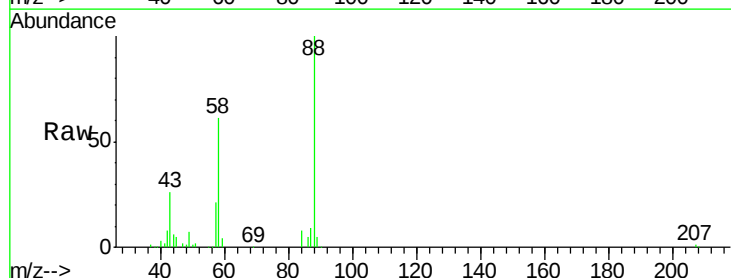
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



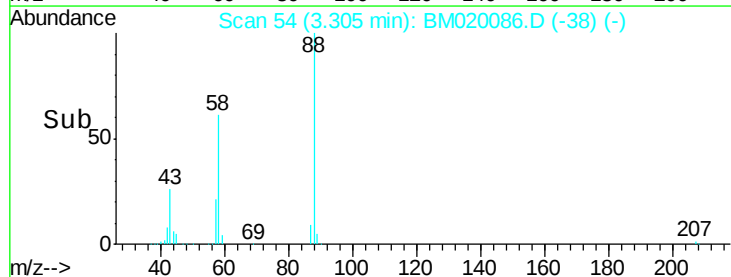
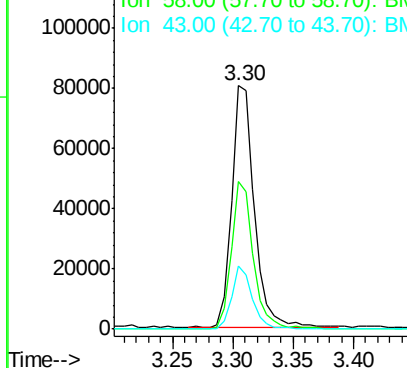
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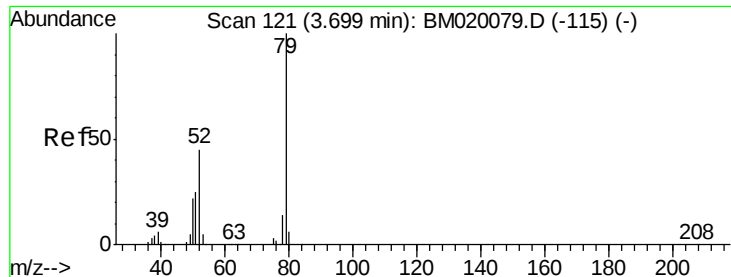
1,4-Dioxane
Concen: 37.399 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion: 88 Resp: 104635
Ion Ratio Lower Upper
88 100
58 59.2 51.8 77.6
43 23.9 20.3 30.5



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: 40.285 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

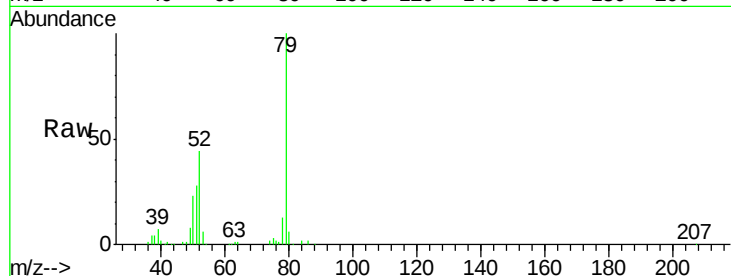
Tot Ion: 79 Resp: 288252

Ion Ratio Lower Upper

79 100

52 44.3 35.7 53.5

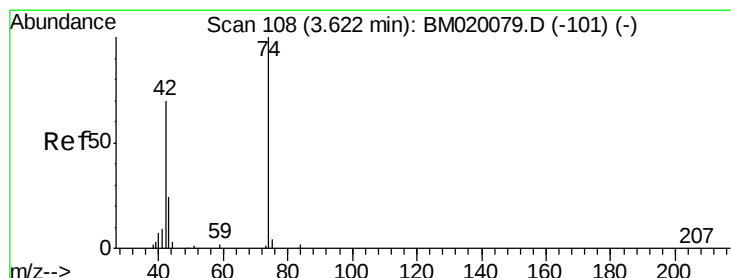
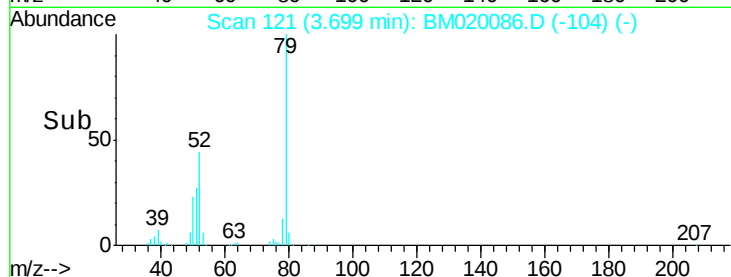
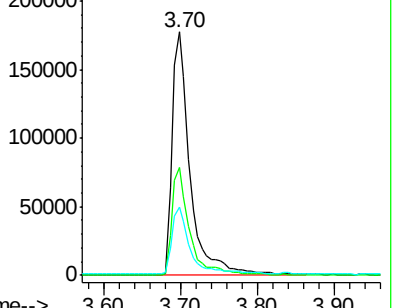
51 28.2 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020079.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 41.804 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

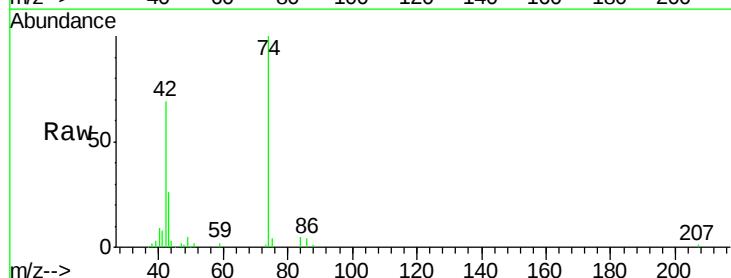
Tgt Ion: 42 Resp: 95919

Ion Ratio Lower Upper

42 100

74 144.2 113.7 170.5

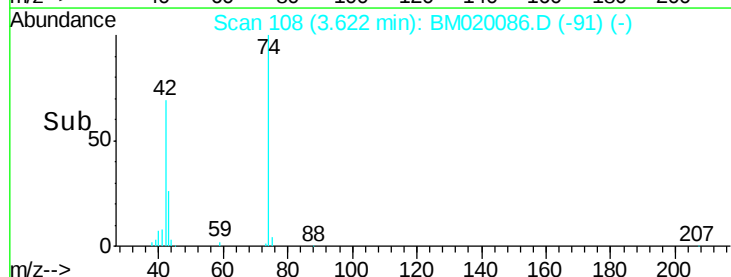
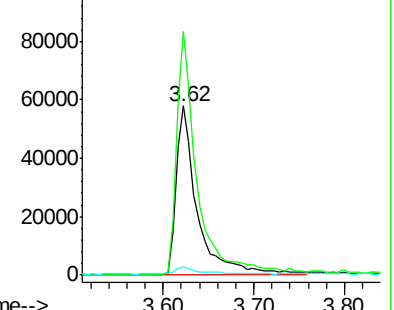
44 4.9 3.9 5.9

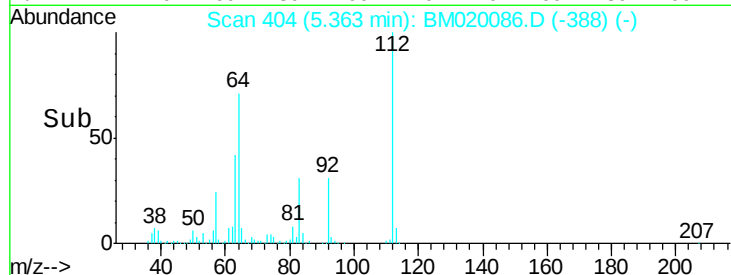
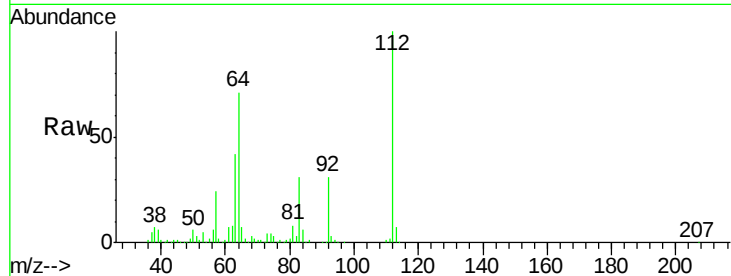


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020079.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020079.D (-101) (-)





#5

2-Fluorophenol

Concen: 75.021 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

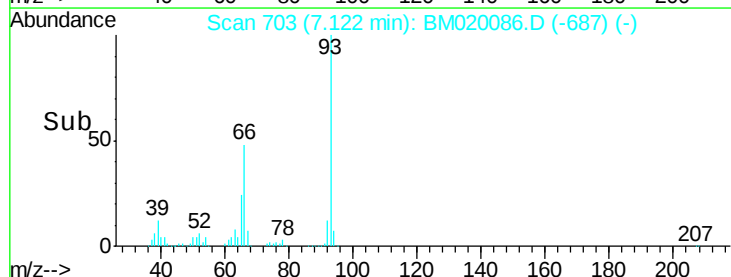
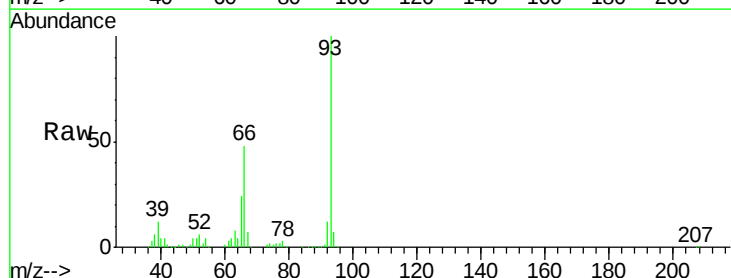
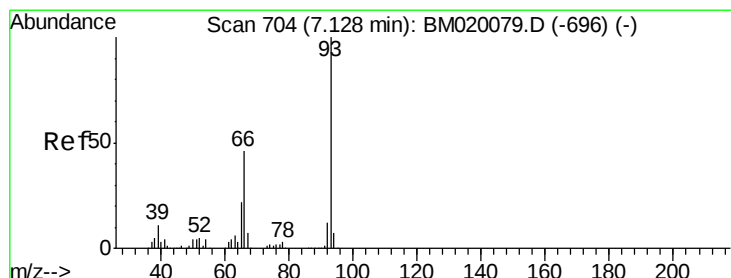
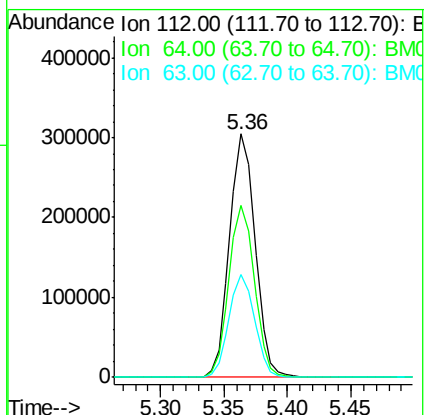
Tot Ion:112 Resp: 427955

Ion Ratio Lower Upper

112 100

64 70.8 53.8 80.6

63 42.5 32.3 48.5



#6

Aniline

Concen: 38.151 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

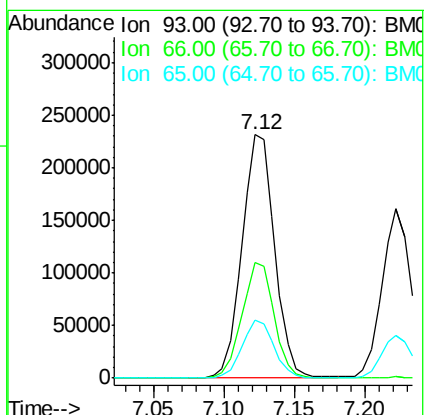
Tgt Ion: 93 Resp: 374262

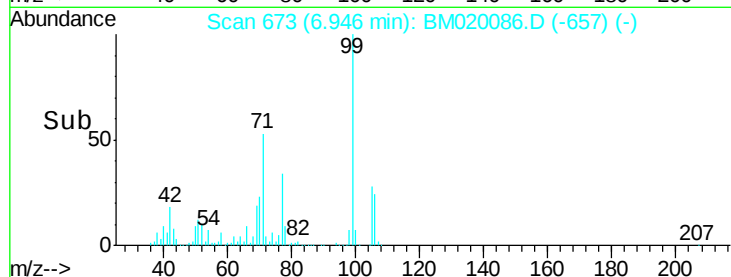
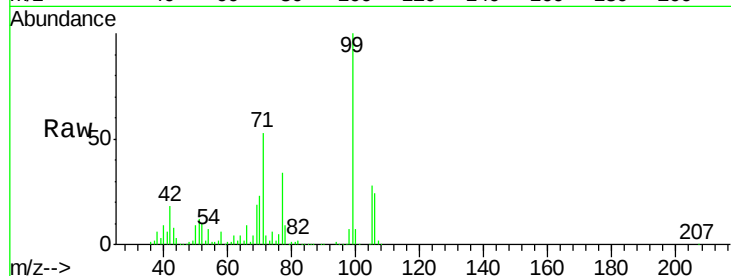
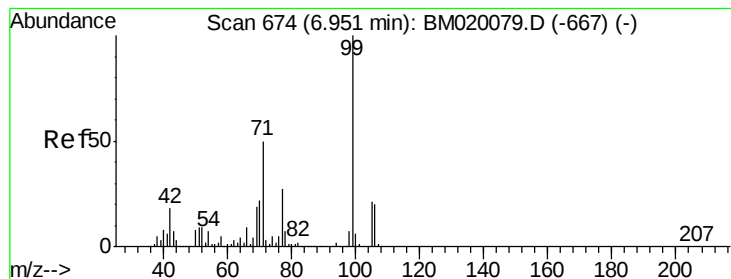
Ion Ratio Lower Upper

93 100

66 47.6 36.6 54.8

65 24.0 17.8 26.6





#7

Phenol-d6

Concen: 76.530 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

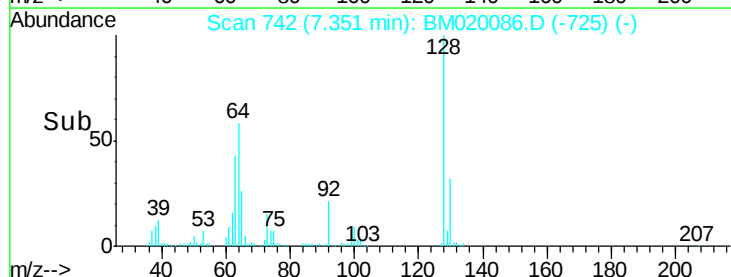
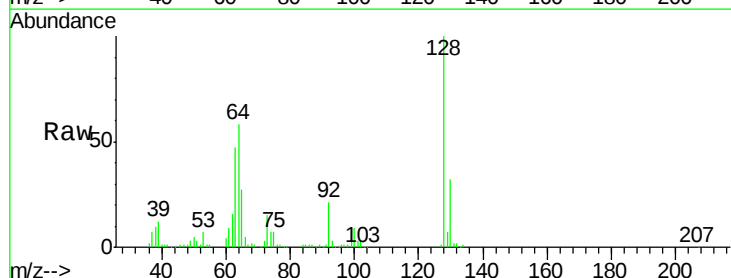
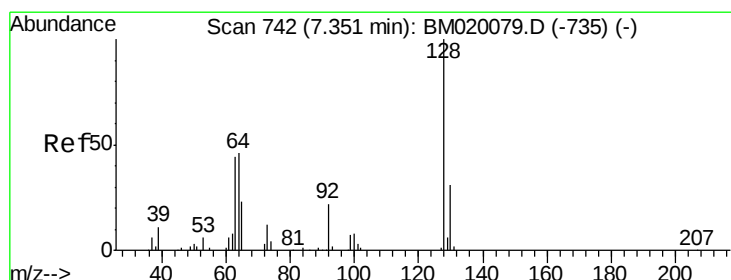
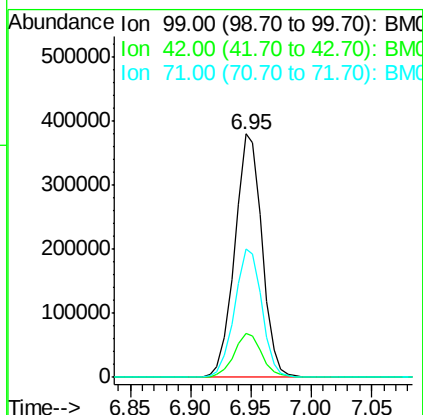
Tot Ion: 99 Resp: 596405

Ion Ratio Lower Upper

99 100

42 18.1 14.2 21.2

71 52.6 40.3 60.5



#8

2-Chlorophenol

Concen: 38.432 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

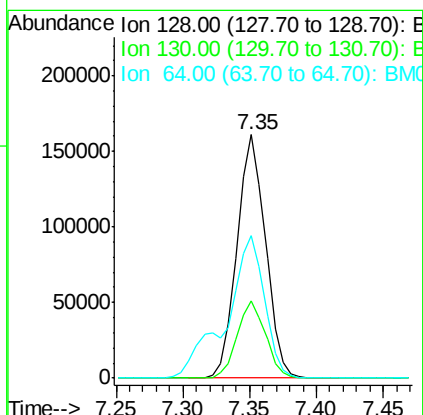
Tgt Ion: 128 Resp: 238714

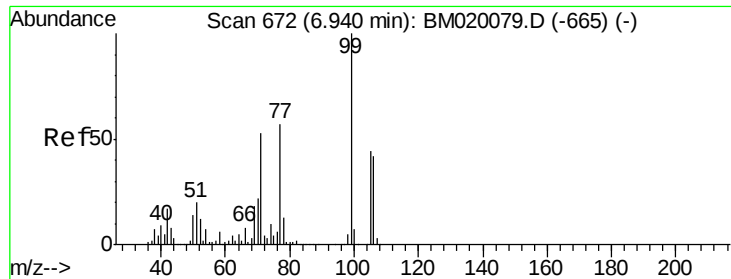
Ion Ratio Lower Upper

128 100

130 31.5 10.8 50.8

64 58.3 36.5 76.5





#9

Benzaldehyde

Concen: 38.663 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

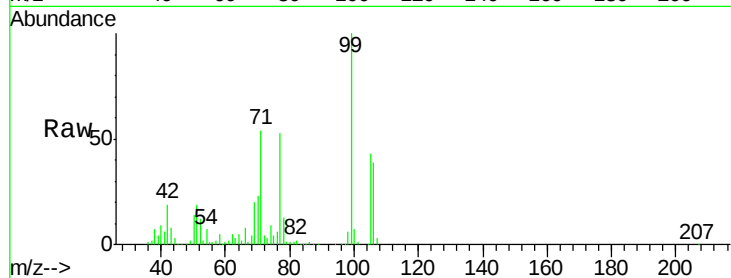
Tot Ion: 77 Resp: 228048

Ion Ratio Lower Upper

77 100

105 81.0 57.8 97.8

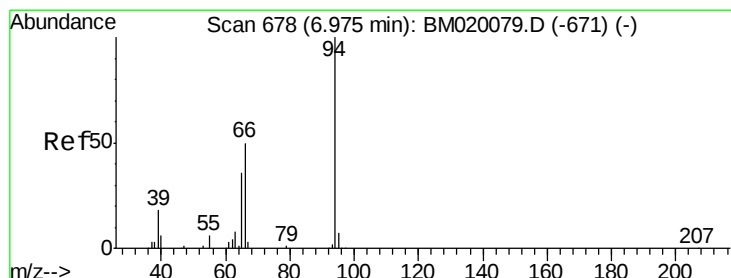
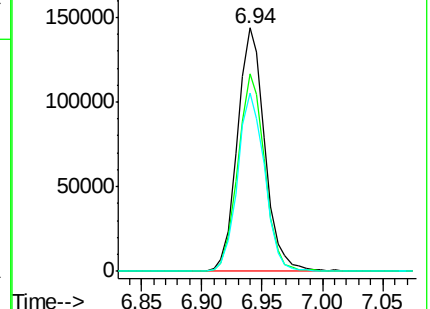
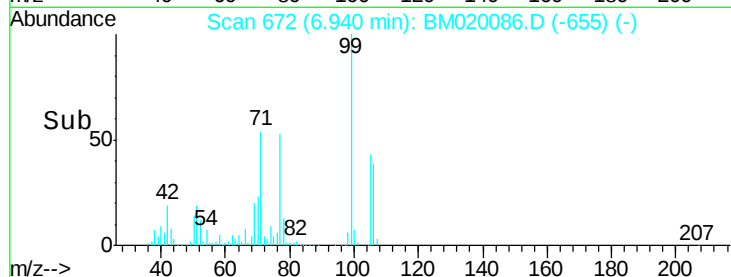
106 73.5 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 37.908 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

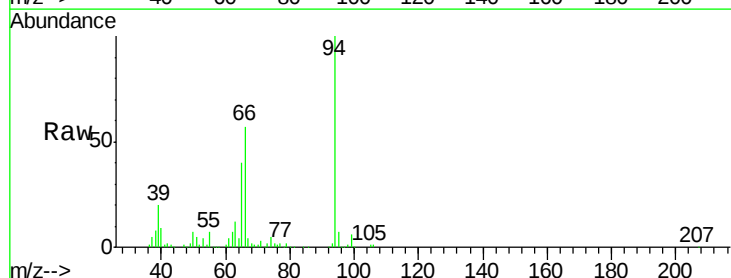
Tgt Ion: 94 Resp: 318031

Ion Ratio Lower Upper

94 100

65 39.5 17.0 57.0

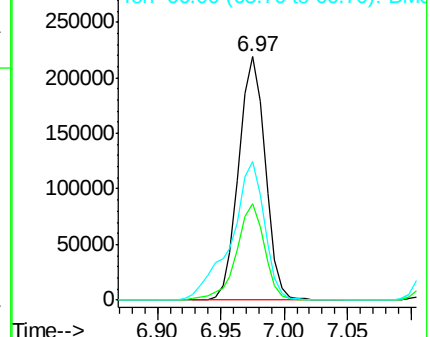
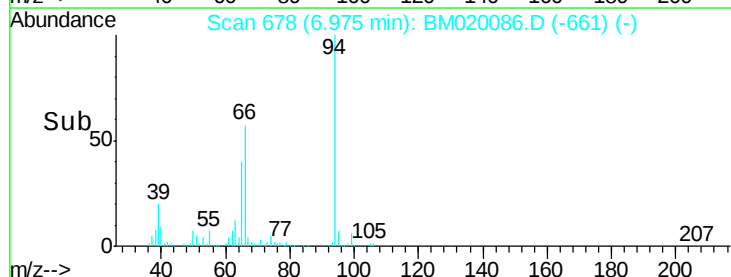
66 57.0 34.5 74.5

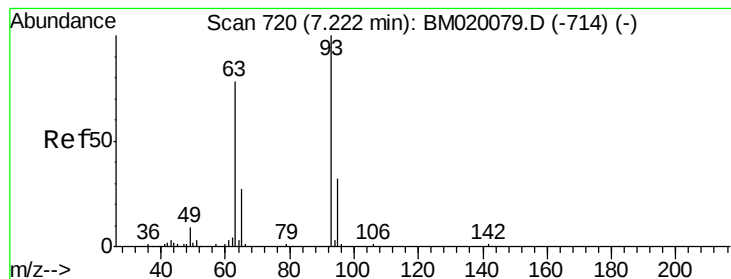


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.194 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

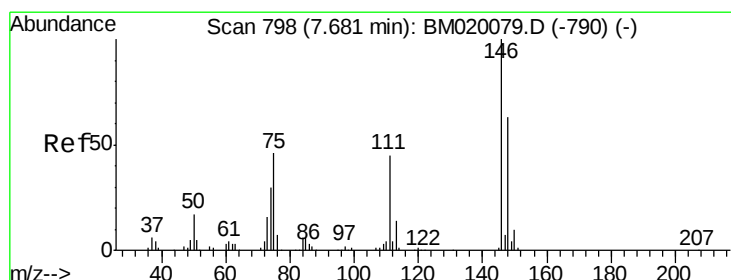
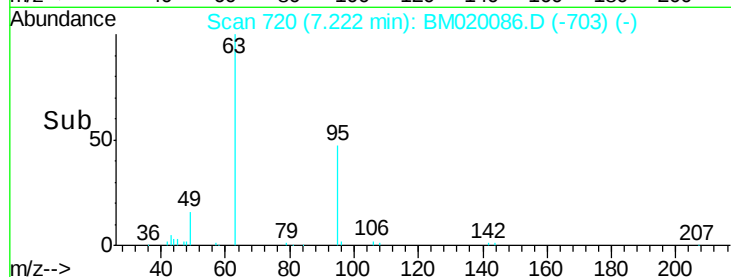
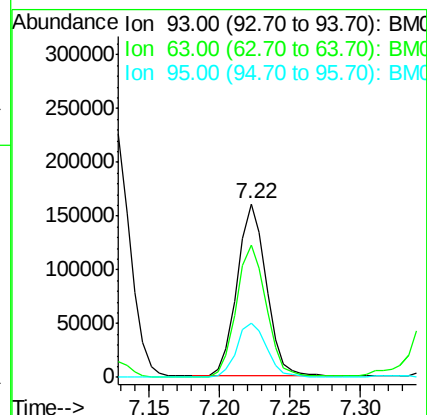
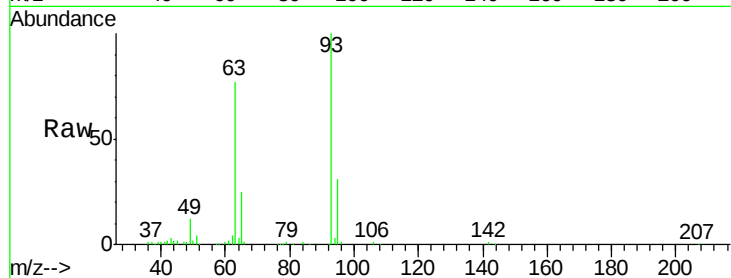
Tot Ion: 93 Resp: 232896

Ion Ratio Lower Upper

93 100

63 76.6 57.9 97.9

95 31.2 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 38.821 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

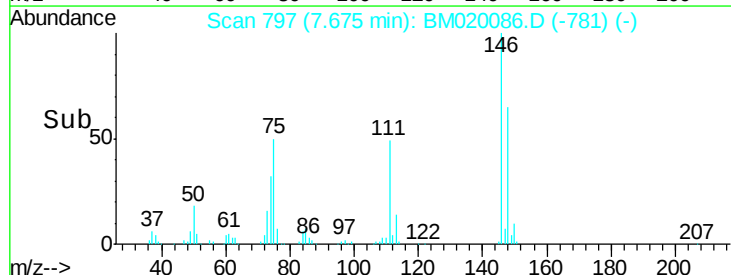
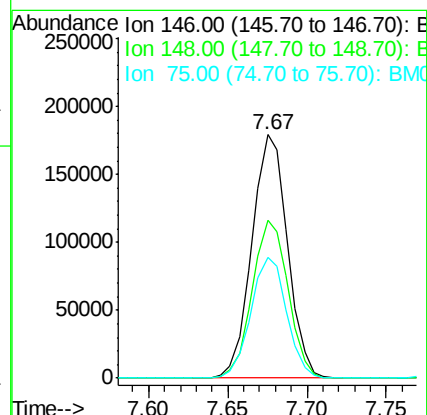
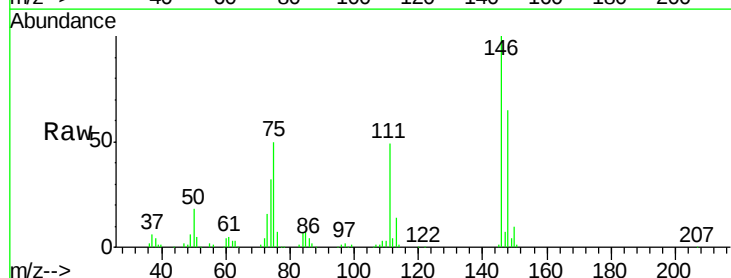
Tgt Ion: 146 Resp: 280553

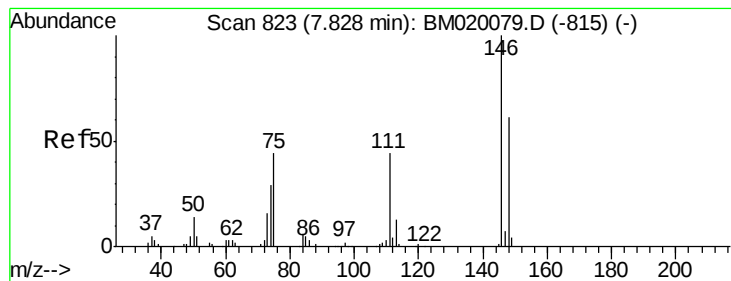
Ion Ratio Lower Upper

146 100

148 64.8 50.1 75.1

75 49.8 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 38.957 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

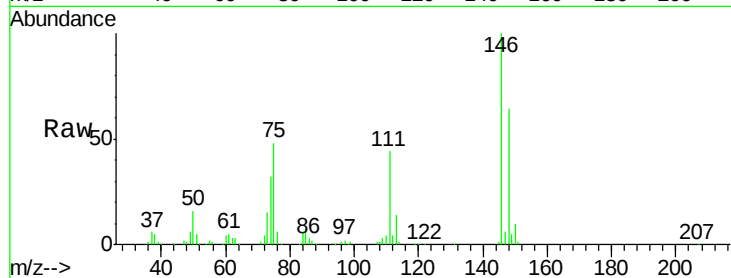
Tot Ion:146 Resp: 284408

Ion Ratio Lower Upper

146 100

148 64.1 48.5 72.7

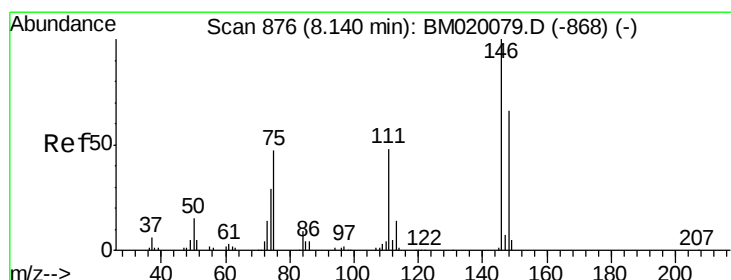
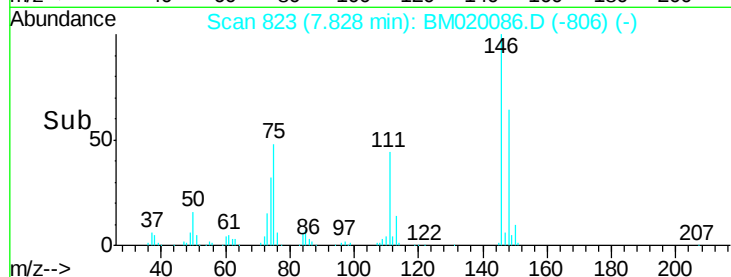
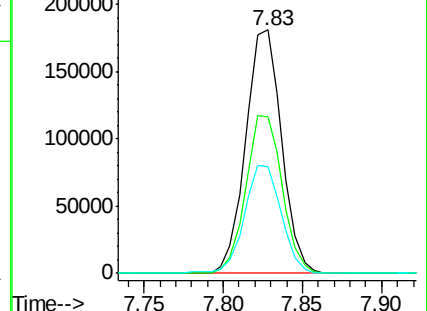
111 43.8 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.966 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

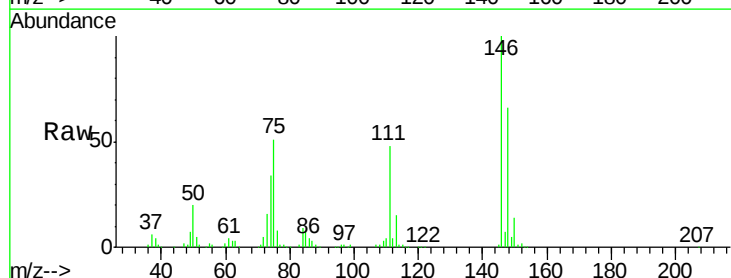
Tgt Ion:146 Resp: 271022

Ion Ratio Lower Upper

146 100

148 65.8 52.6 79.0

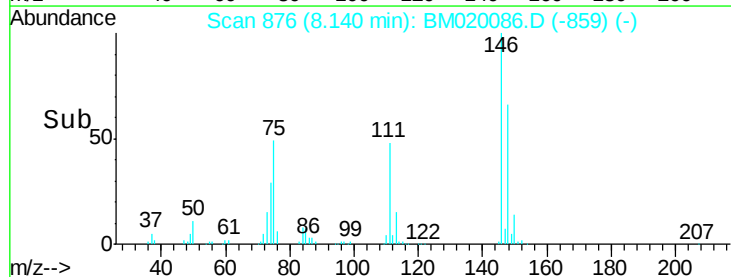
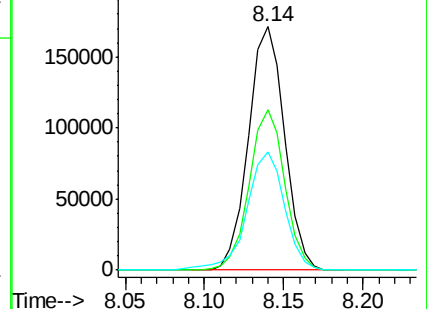
111 48.5 39.0 58.4

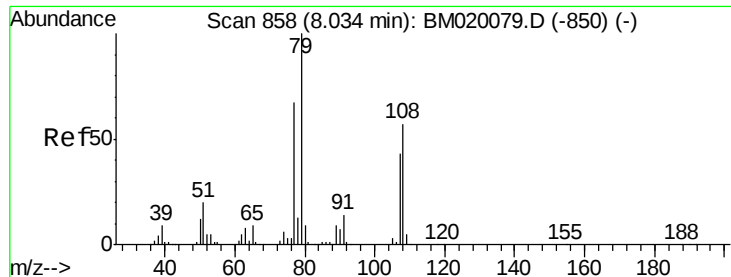


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.708 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

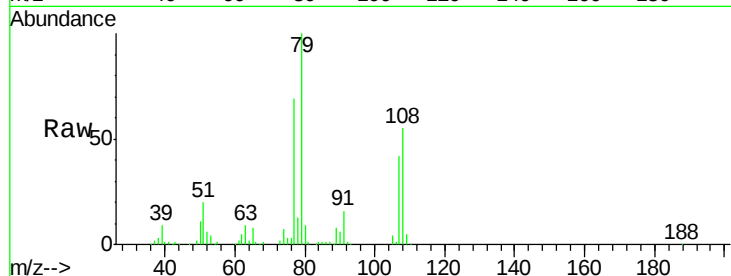
Tot Ion: 79 Resp: 290875

Ion Ratio Lower Upper

79 100

108 54.9 46.0 69.0

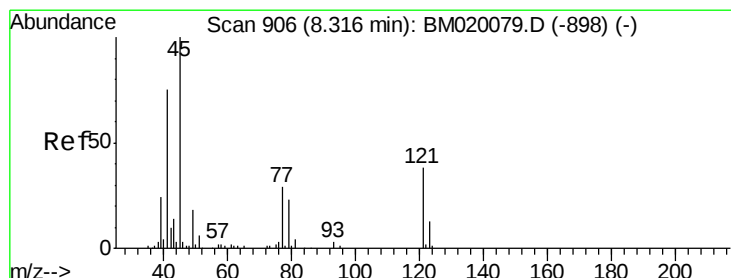
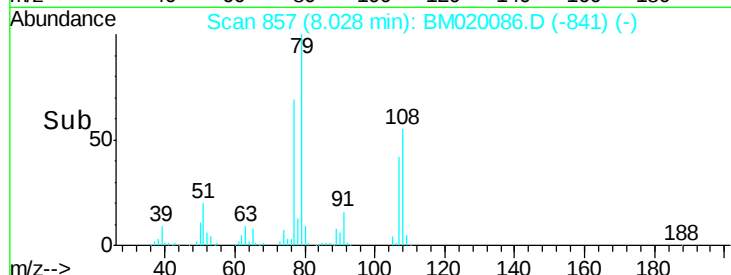
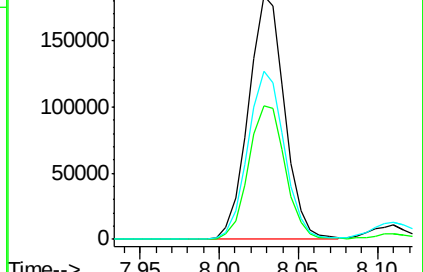
77 69.1 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020079.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.389 ng

RT: 8.32 min Scan# 906

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

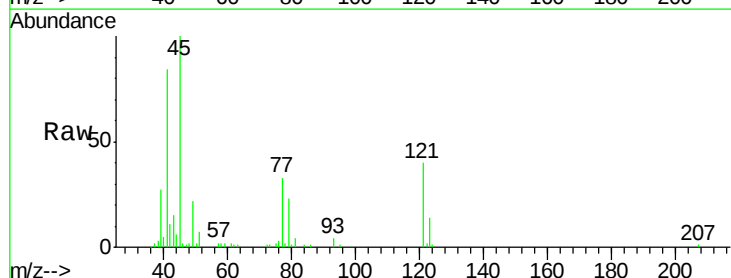
Tgt Ion: 45 Resp: 183992

Ion Ratio Lower Upper

45 100

77 33.3 10.5 50.5

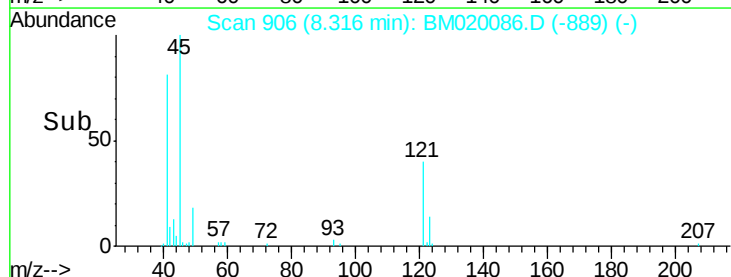
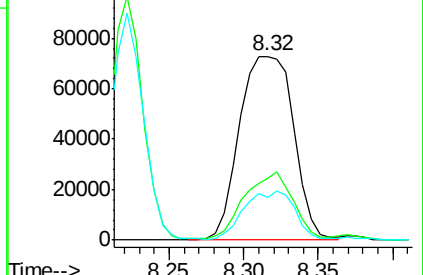
79 23.4 3.3 43.3

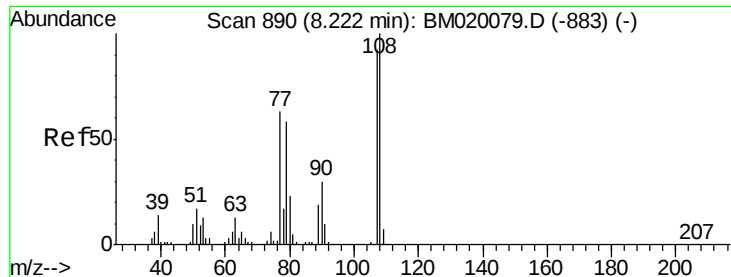


Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

Ion 77.00 (76.70 to 77.70): BM020079.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020079.D (-898) (-)

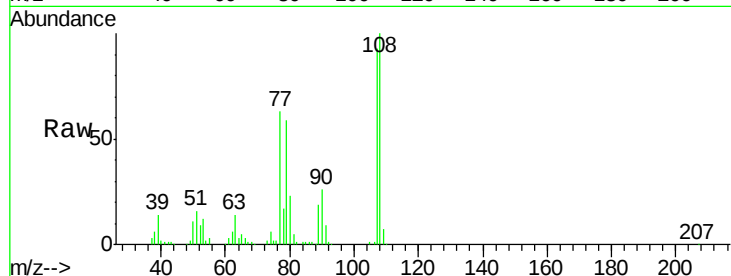




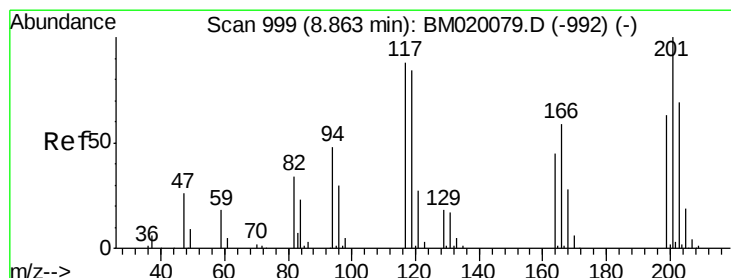
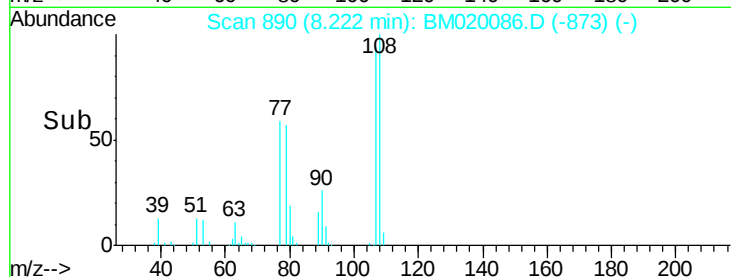
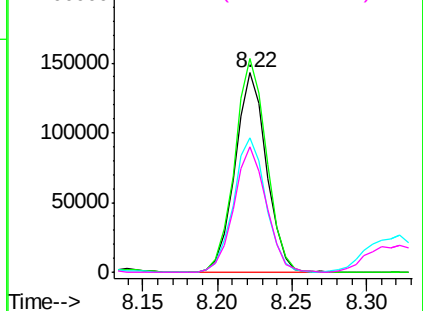
#17
2-Methylphenol
Concen: 38.835 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	209732
Ion	Ratio	Lower	Upper
107	100		
108	107.3	87.0	130.4
77	67.6	54.7	82.1
79	63.1	50.1	75.1

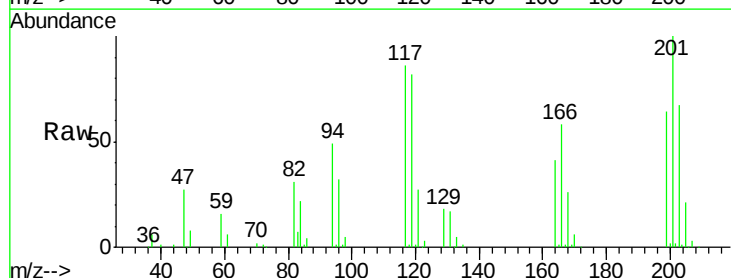


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

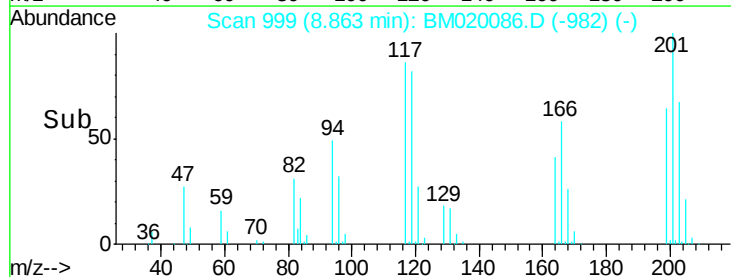
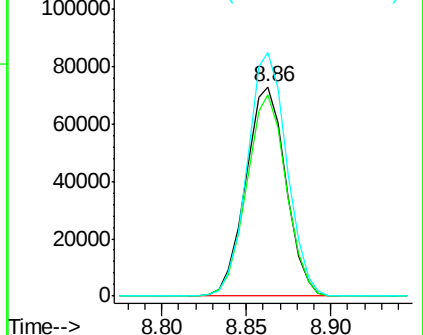


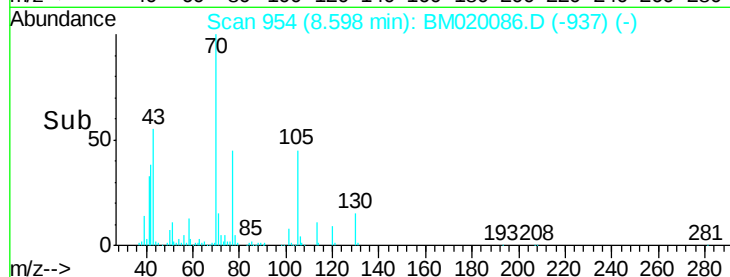
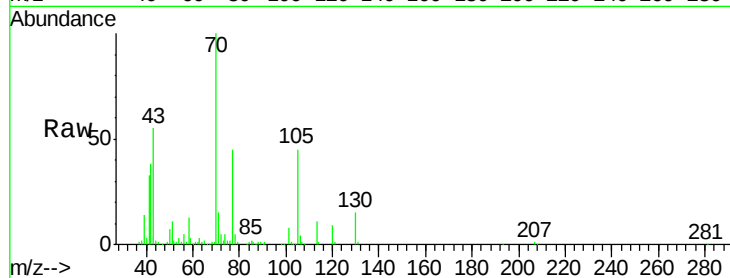
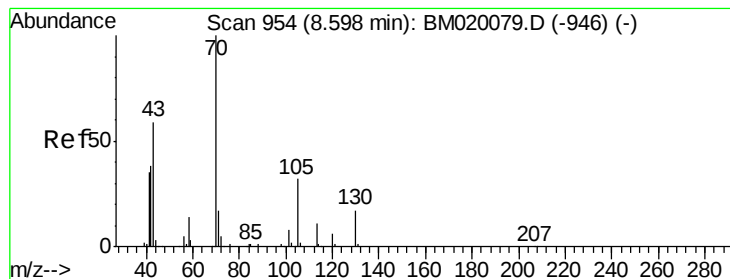
#18
Hexachloroethane
Concen: 39.482 ng
RT: 8.86 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:	117	Resp:	120185
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	116.2	90.7	136.1



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: 39.082 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 260576

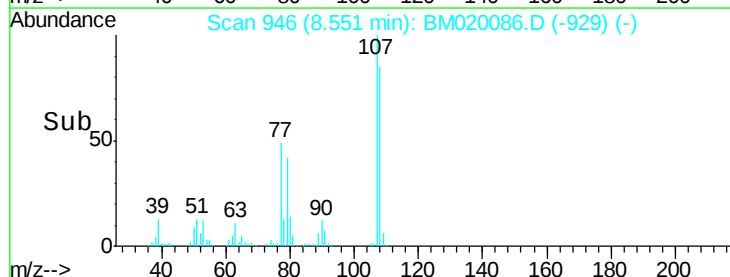
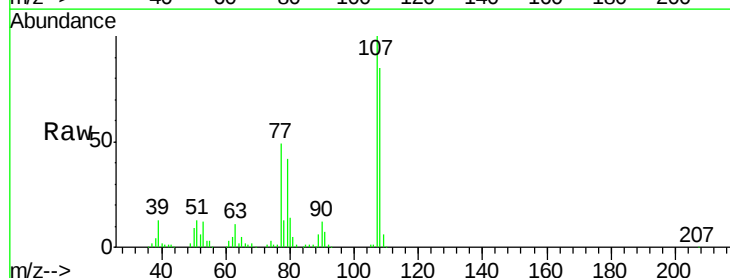
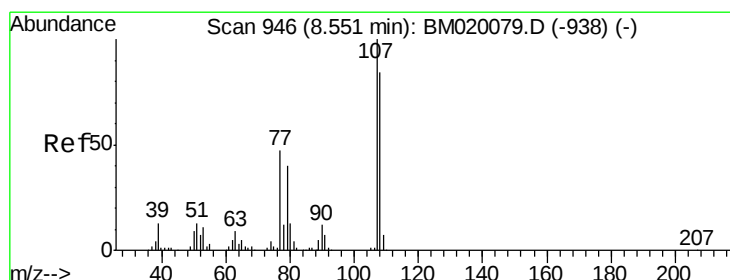
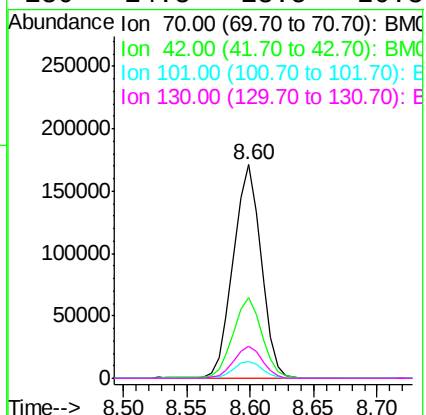
Ion Ratio Lower Upper

70 100

42 37.7 31.0 46.4

101 8.0 6.2 9.2

130 14.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 39.007 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion: 107 Resp: 279981

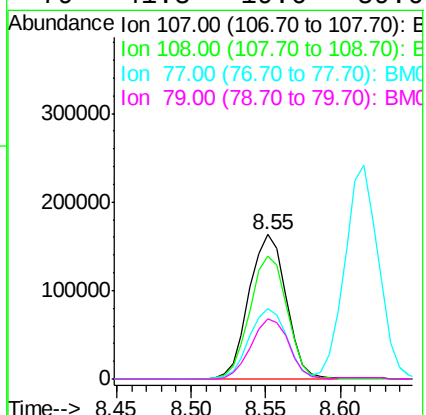
Ion Ratio Lower Upper

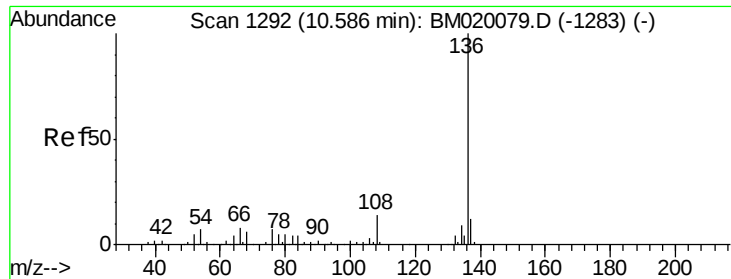
107 100

108 85.0 64.4 104.4

77 49.1 27.2 67.2

79 41.8 19.6 59.6

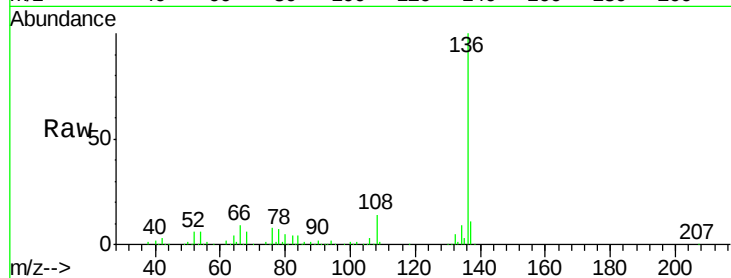




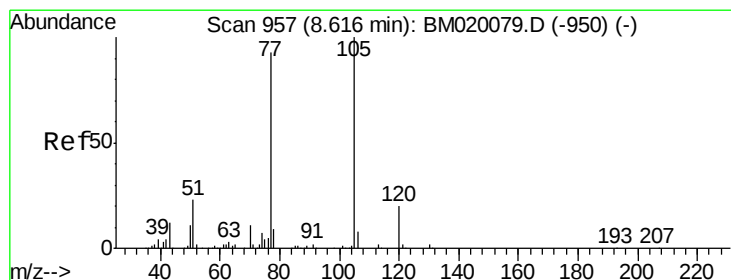
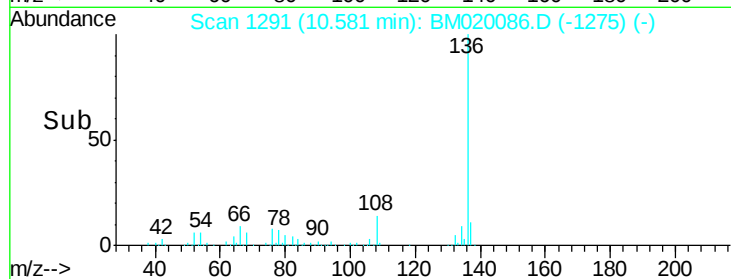
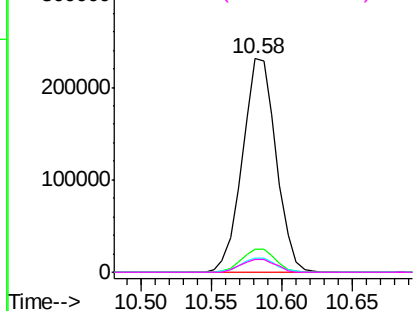
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	384911
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.6 14.4
54	6.4	5.5 8.3
68	6.1	4.6 6.8

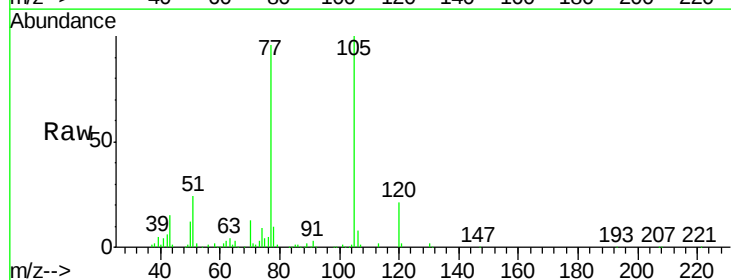


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

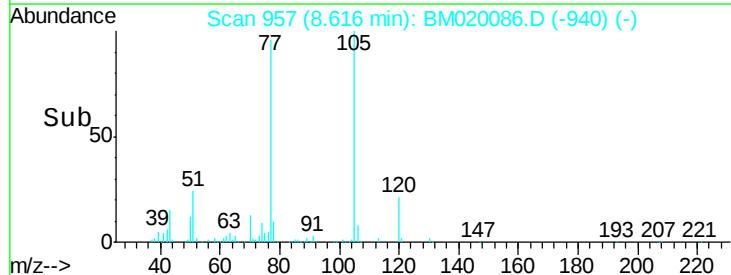
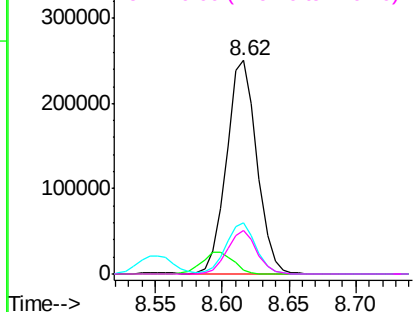


#22
Acetophenone
Concen: 37.713 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:105	Resp:	396726
Ion	Ratio	Lower Upper
105	100	
71	2.1	2.2 3.2#
51	24.2	19.3 28.9
120	20.6	16.2 24.4



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

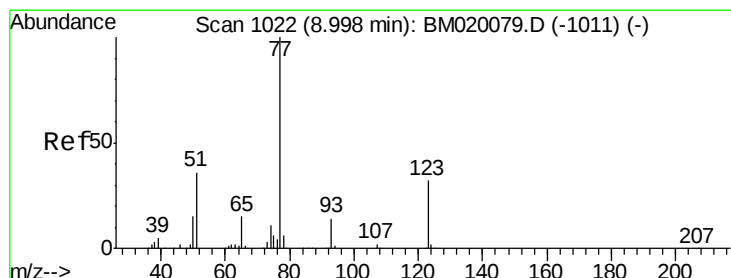
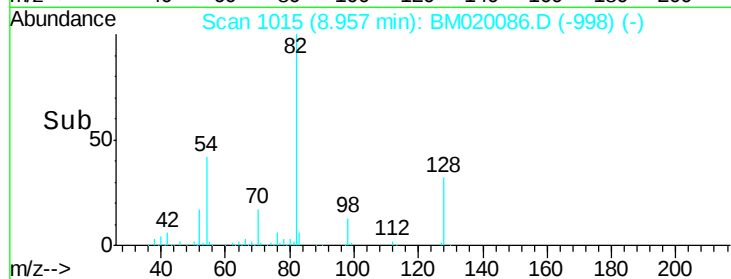
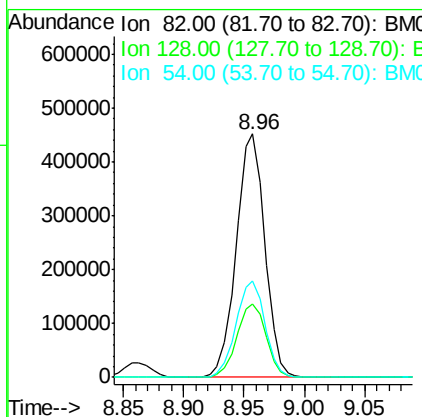
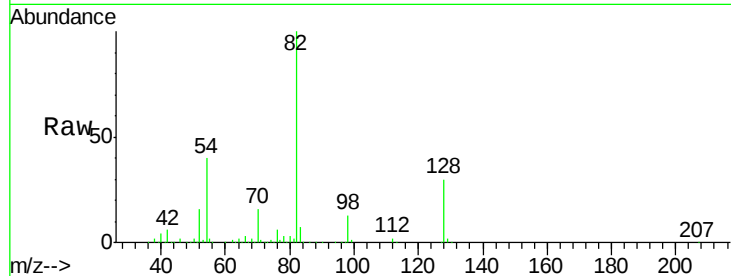




#23
 Nitrobenzene-d5
 Concen: 76.686 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

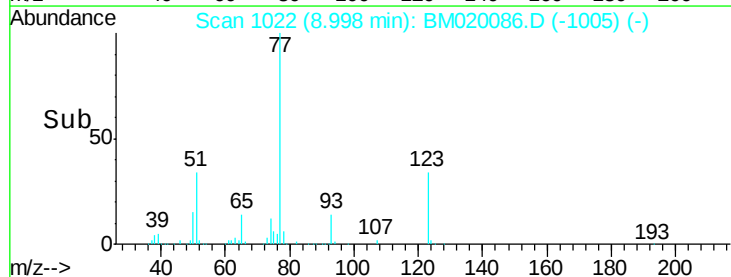
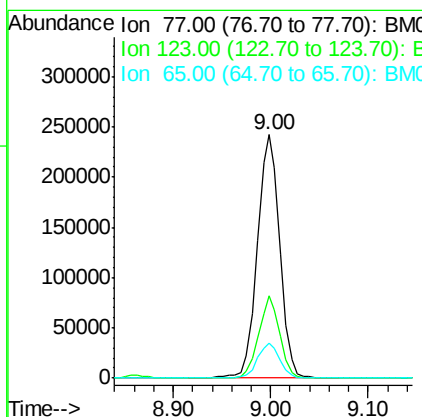
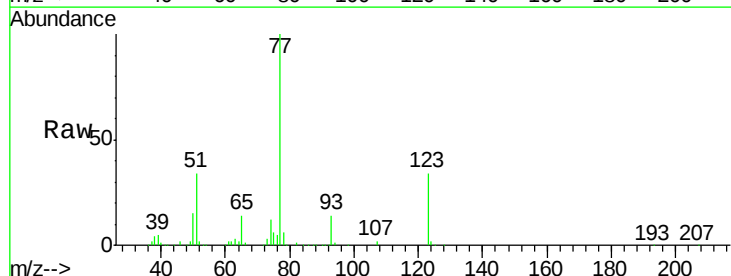
Instrument :
 BNA_M
 ClientSampleId :

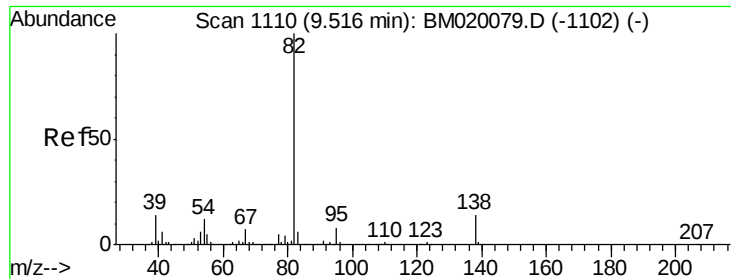
Tot Ion	82	Resp	747649
Ion Ratio	100	Lower	Upper
128	30.3	25.2	37.8
54	39.7	31.9	47.9



#24
 Nitrobenzene
 Concen: 38.634 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion	77	Resp	390536
Ion Ratio	100	Lower	Upper
123	33.7	25.5	38.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 37.783 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

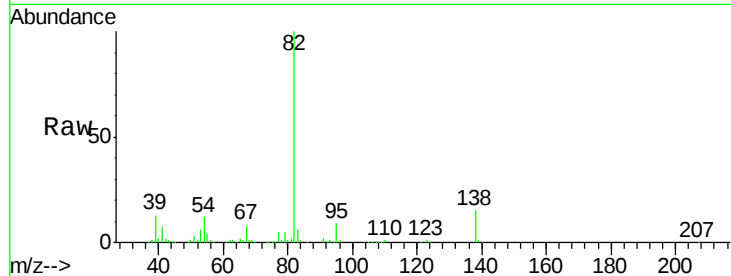
Tot Ion: 82 Resp: 635245

Ion Ratio Lower Upper

82 100

95 8.6 6.4 9.6

138 14.6 11.1 16.7

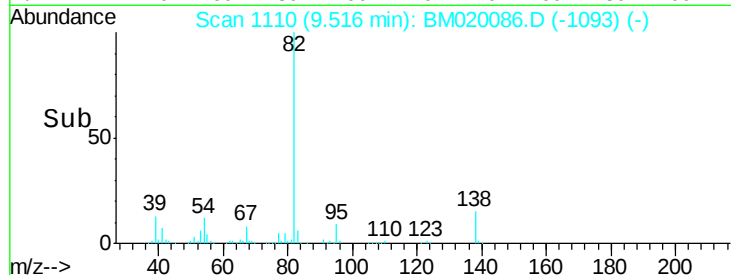


Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)

Time-->

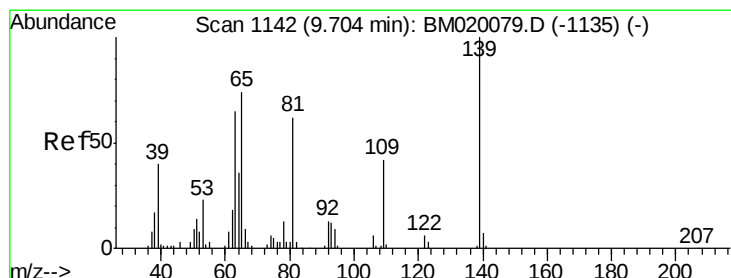


Abundance Ion 82.00 (81.70 to 82.70): BM020086.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM020086.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020086.D (-1093) (-)

Time-->



#26

2-Nitrophenol

Concen: 38.828 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

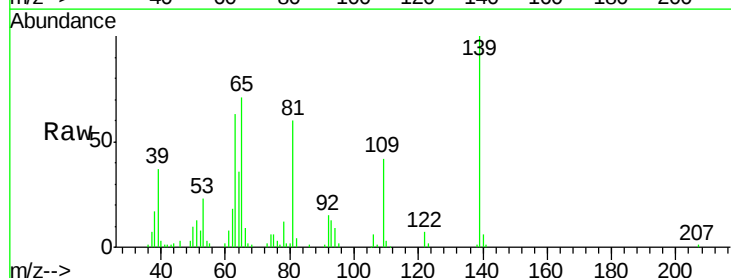
Tgt Ion: 139 Resp: 118495

Ion Ratio Lower Upper

139 100

109 42.2 33.7 50.5

65 70.7 59.5 89.3

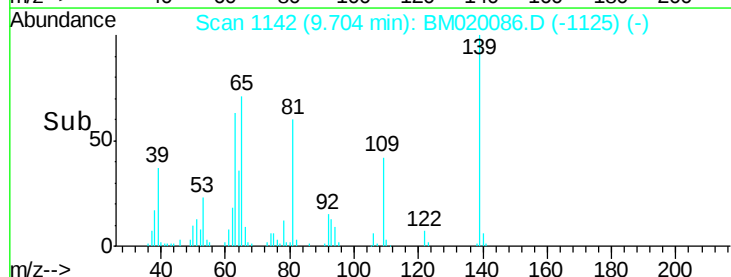


Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)

Time-->

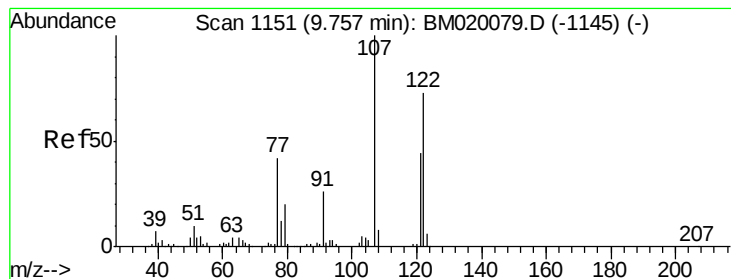


Abundance Ion 139.00 (138.70 to 139.70): BM020086.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM020086.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020086.D (-1125) (-)

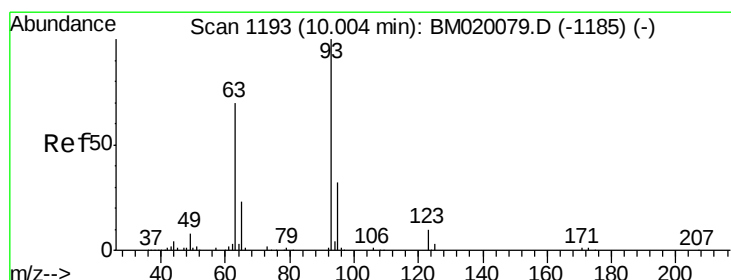
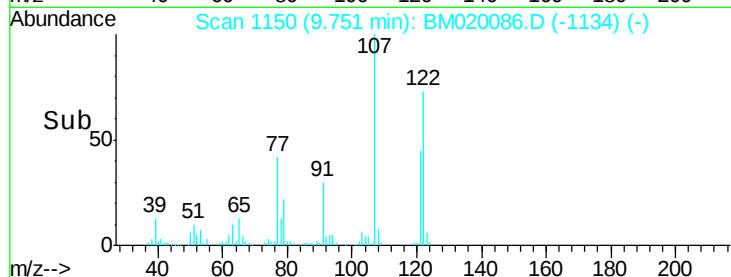
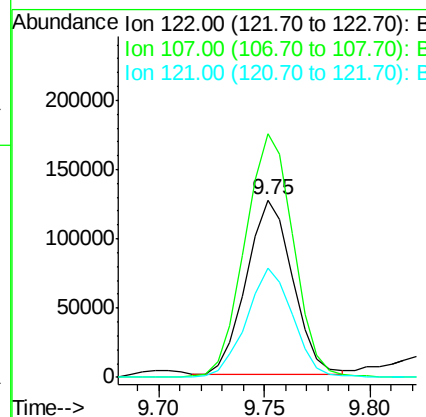
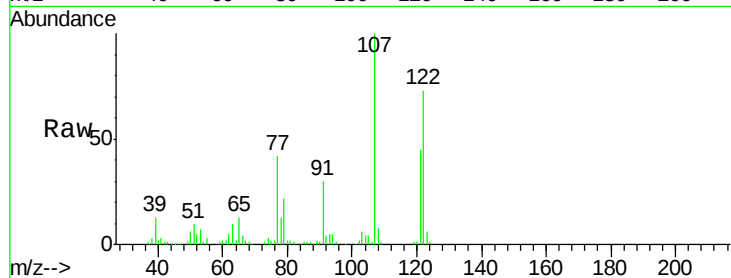
Time-->



#27
 2,4-Dimethylphenol
 Concen: 37.907 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

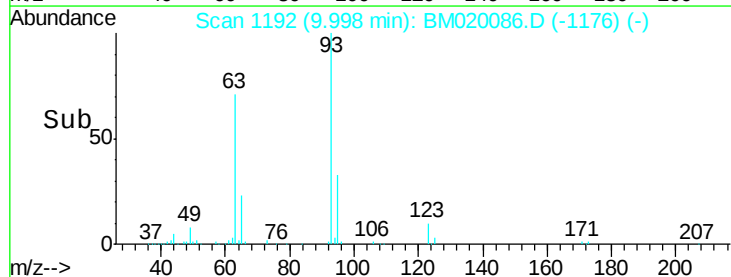
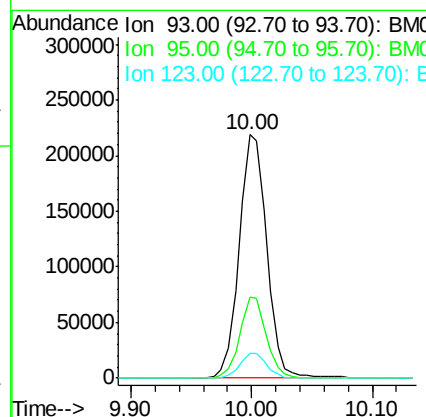
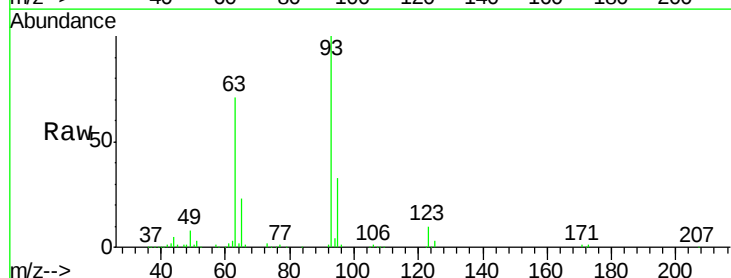
Instrument :
 BNA_M
 ClientSampleId :

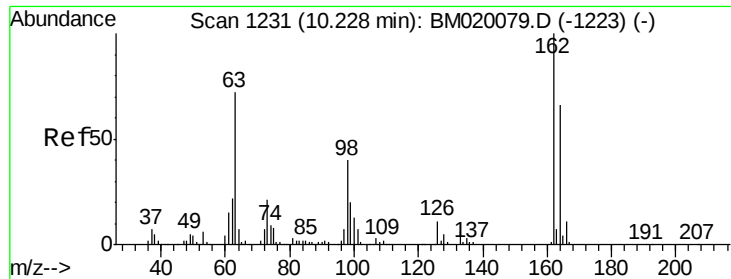
Tot Ion:122 Resp: 192595
 Ion Ratio Lower Upper
 122 100
 107 137.2 108.6 162.8
 121 61.8 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.999 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion: 93 Resp: 347952
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.5 38.3
 123 10.1 7.6 11.4

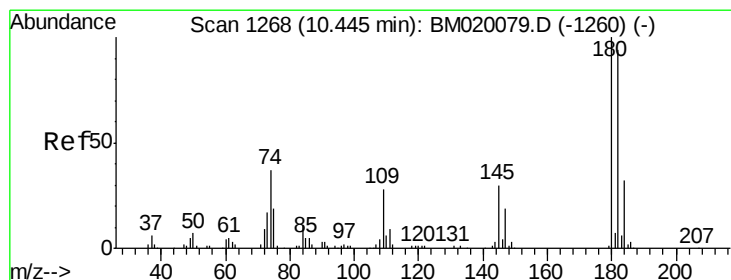
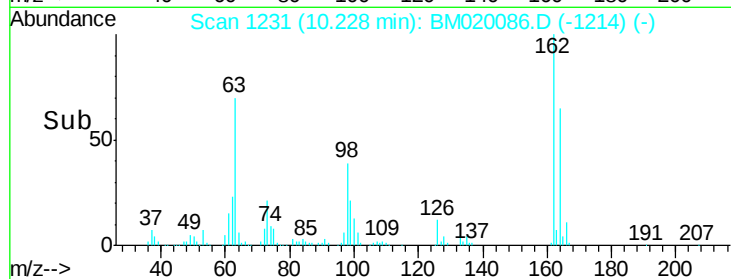
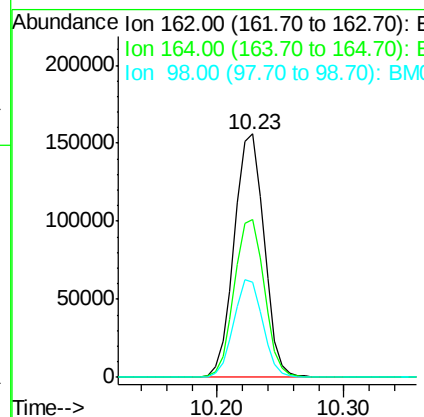
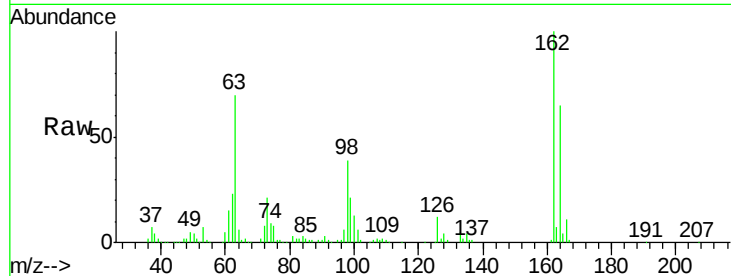




#29
 2,4-Dichlorophenol
 Concen: 39.833 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

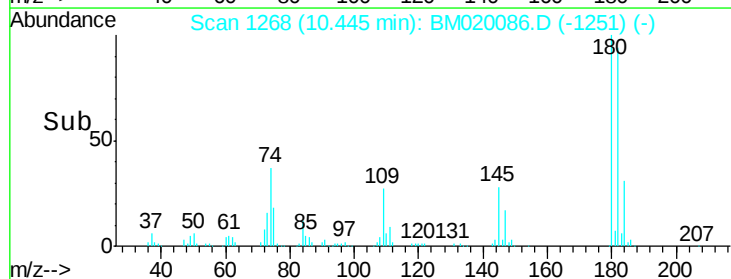
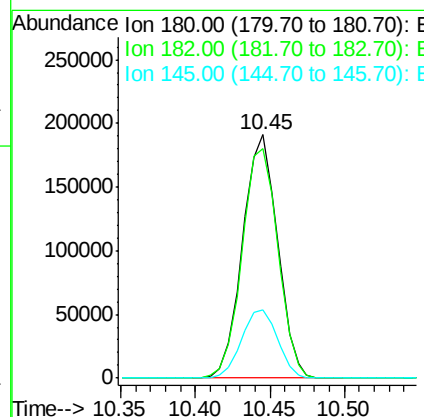
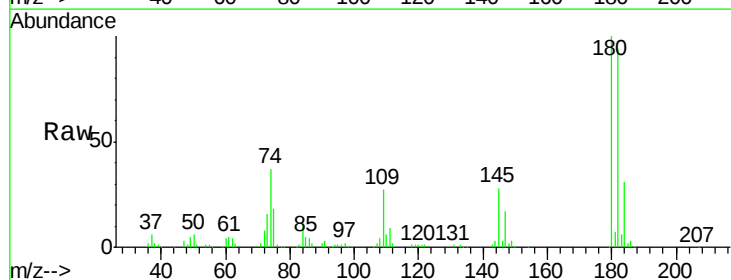
Instrument :
 BNA_M
 ClientSampleId :

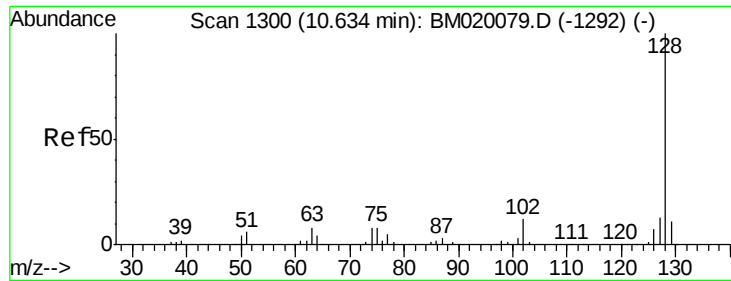
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.6	85.6
98	38.9	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.298 ng
 RT: 10.45 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.4	113.0
145	27.8	23.8	35.8

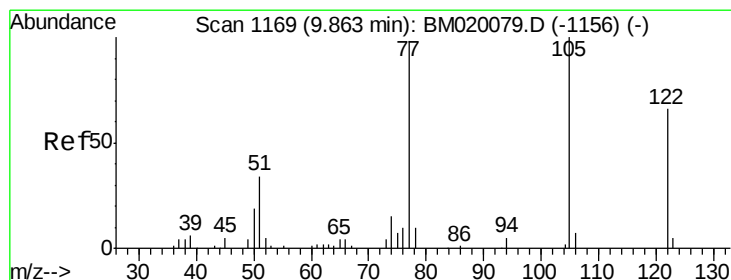
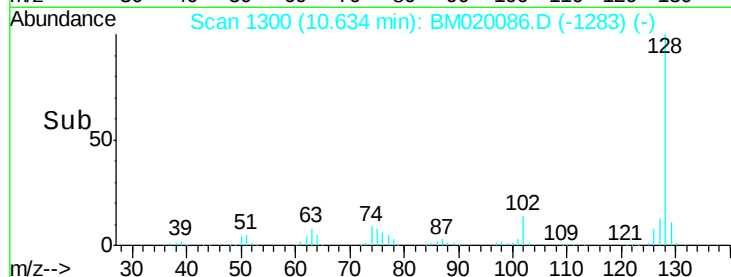
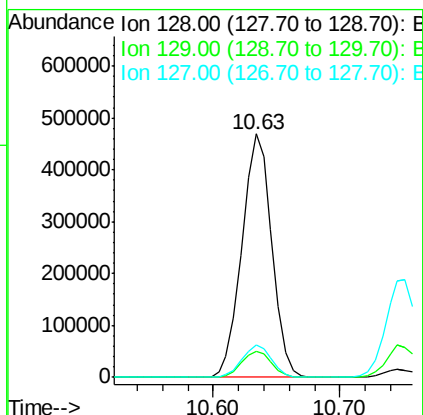
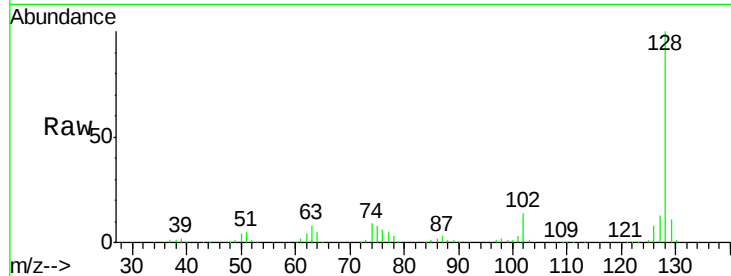




#31
Naphthalene
Concen: 38.316 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

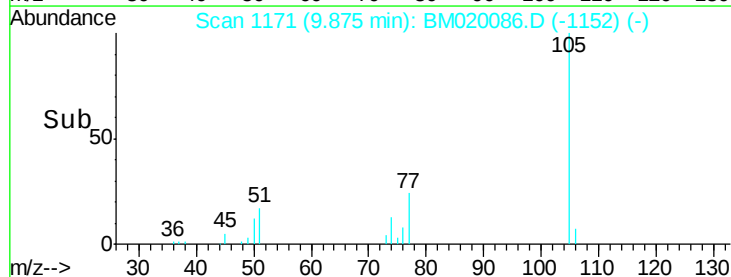
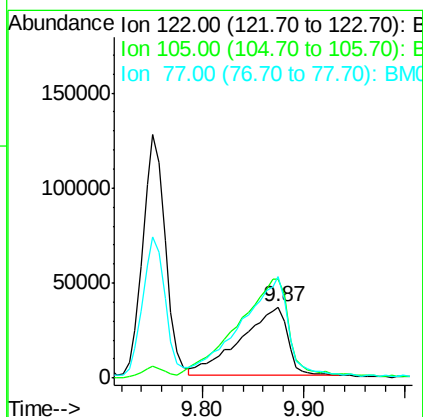
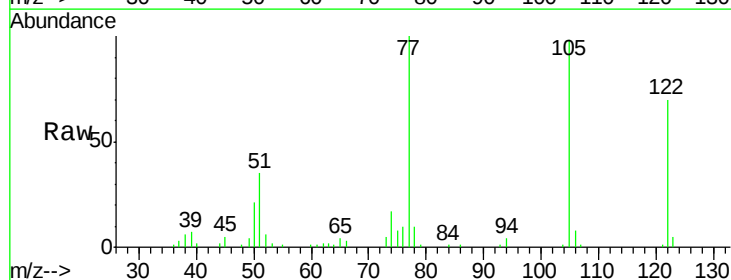
Instrument :
BNA_M
ClientSampled :

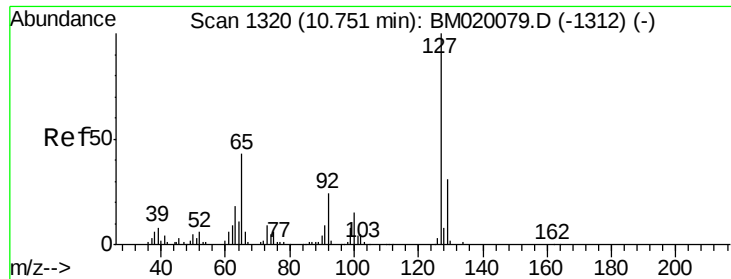
Tot Ion:128 Resp: 765352
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 34.001 ng
RT: 9.87 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:122 Resp: 114830
Ion Ratio Lower Upper
122 100
105 139.5 122.5 162.5
77 142.6 123.3 163.3

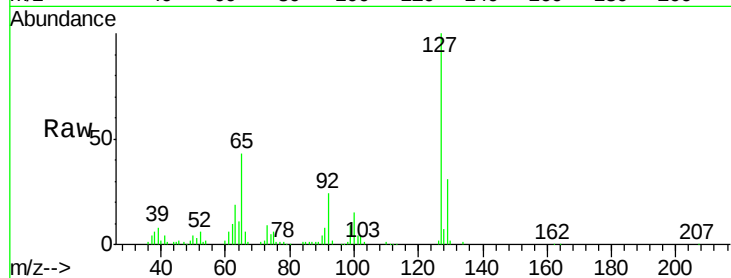




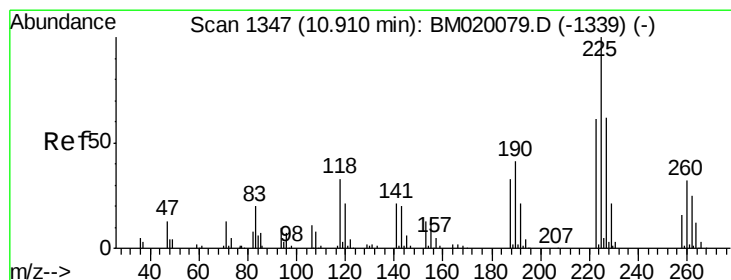
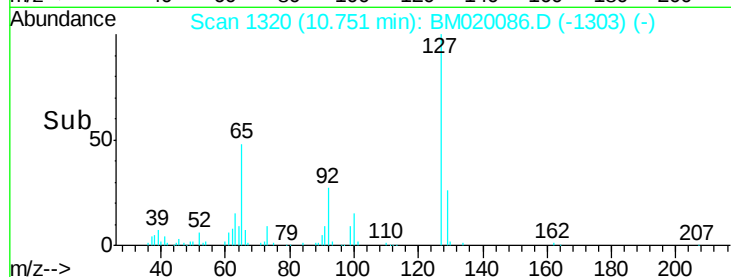
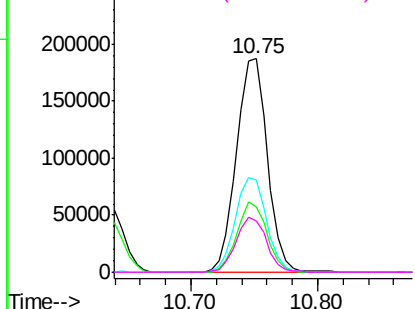
#33
4-Chloroaniline
Concen: 38.588 ng
RT: 10.75 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	317243
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.7	37.1
65	43.2	34.6	52.0
92	24.2	19.5	29.3

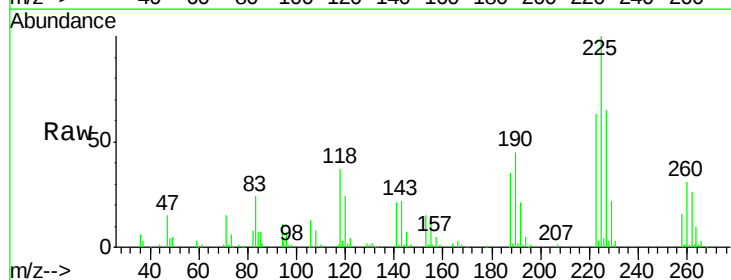


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

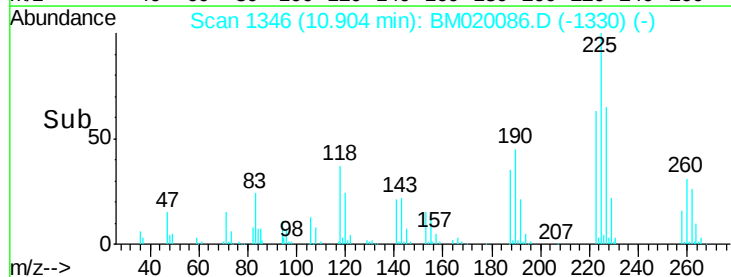
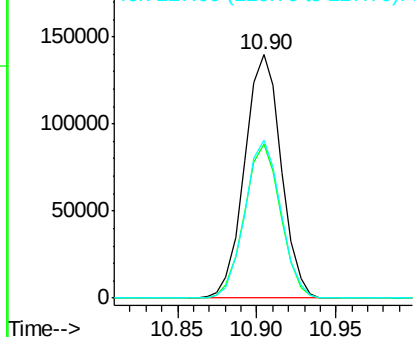


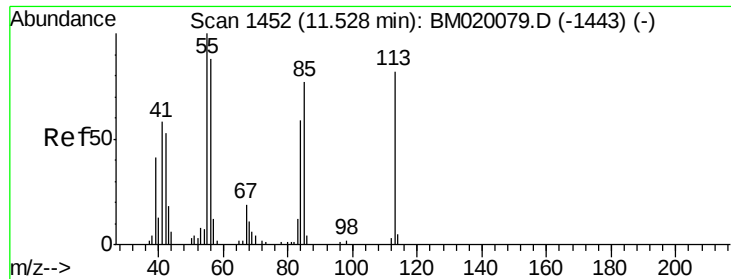
#34
Hexachlorobutadiene
Concen: 40.229 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:	225	Resp:	224341
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.9	73.3
227	64.9	49.6	74.4



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





#35

Caprolactam

Concen: 38.785 ng

RT: 11.53 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

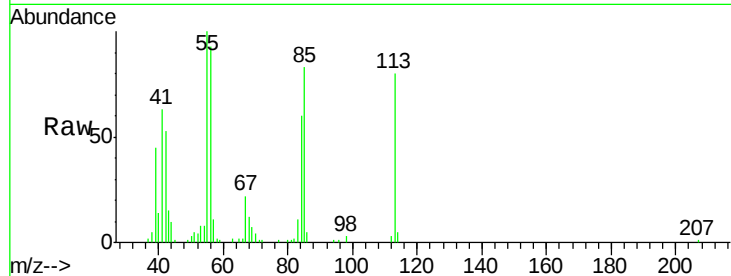
Tot Ion:113 Resp: 74299

Ion Ratio Lower Upper

113 100

55 125.4 102.5 142.5

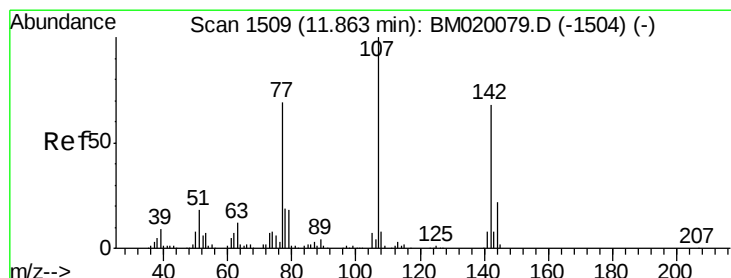
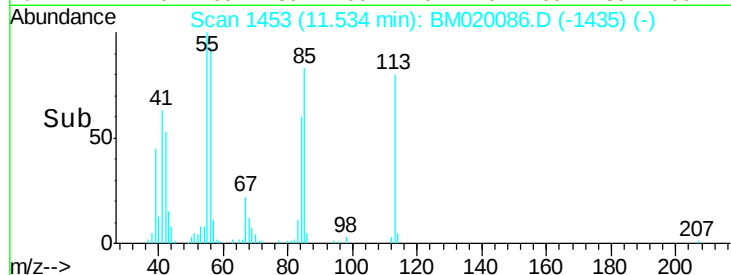
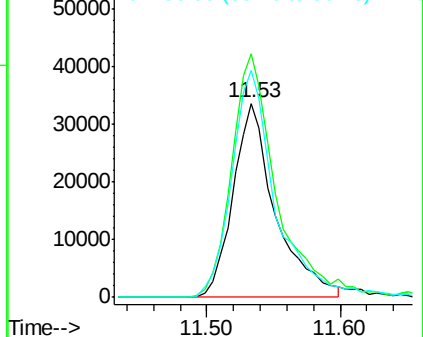
56 116.9 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.282 ng

RT: 11.86 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

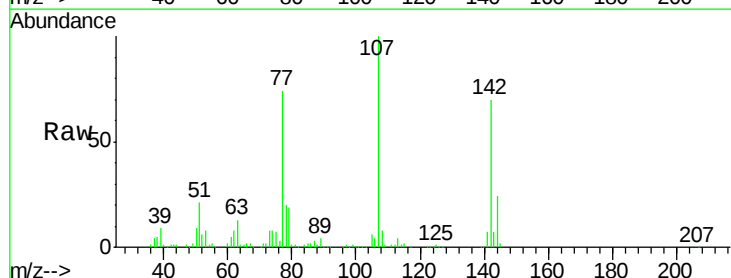
Tgt Ion:107 Resp: 295749

Ion Ratio Lower Upper

107 100

144 23.6 17.6 26.4

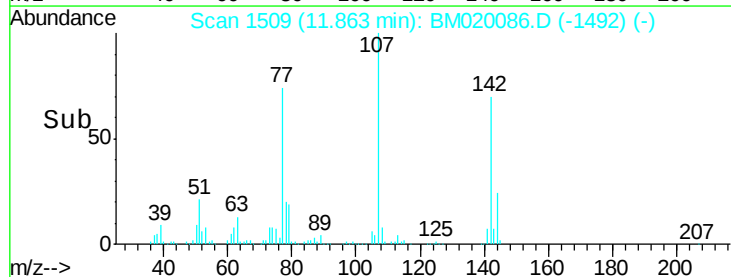
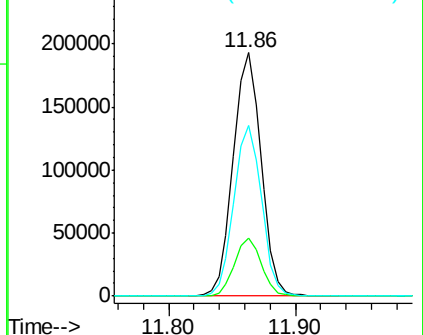
142 69.9 54.6 82.0

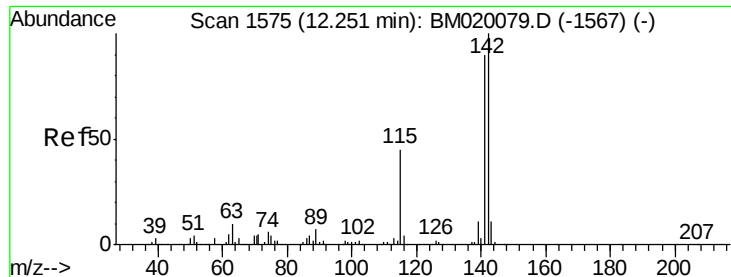


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

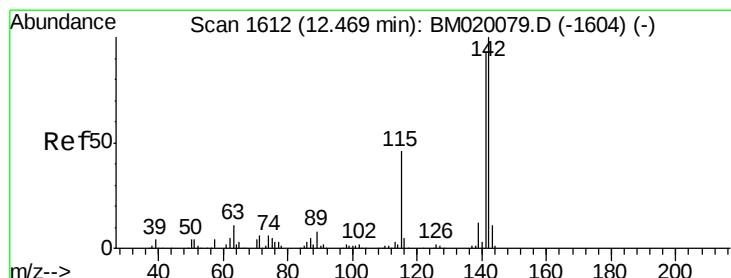
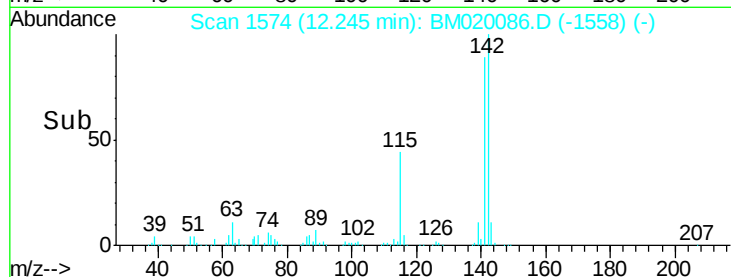
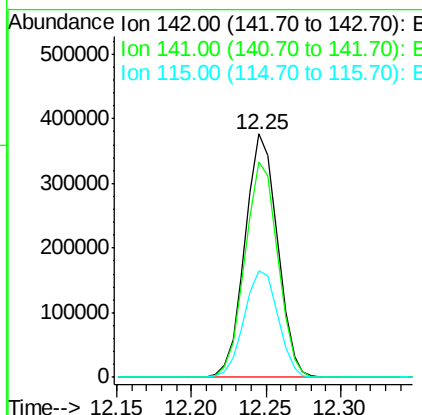
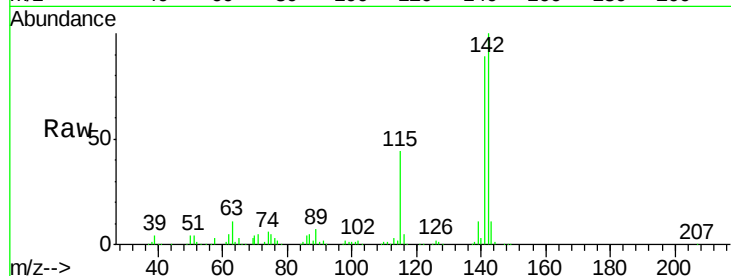




#37
2-Methylnaphthalene
Concen: 38.991 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

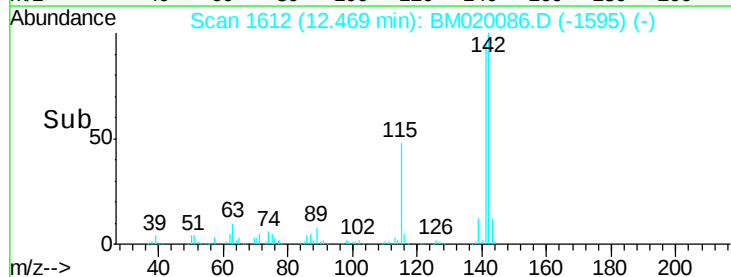
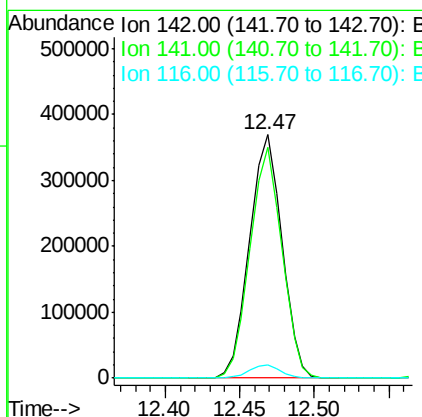
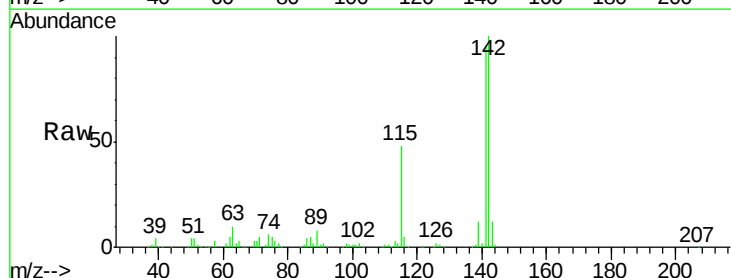
Instrument :
BNA_M
ClientSampleId :

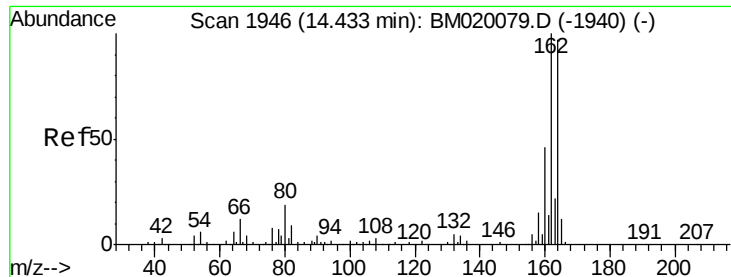
Tot Ion:142 Resp: 567788
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4
115 44.0 35.8 53.6



#38
1-Methylnaphthalene
Concen: 38.943 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:142 Resp: 554536
Ion Ratio Lower Upper
142 100
141 94.9 74.8 112.2
116 5.2 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

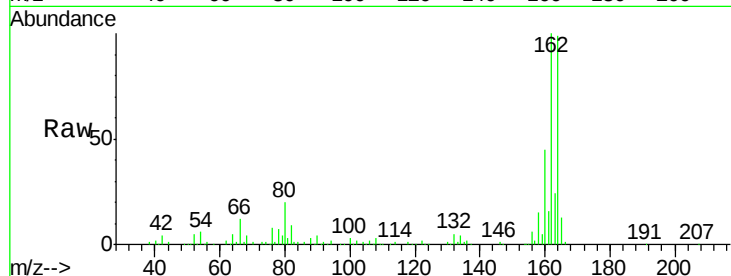
Tot Ion:164 Resp: 250001

Ion Ratio Lower Upper

164 100

162 101.0 82.2 123.2

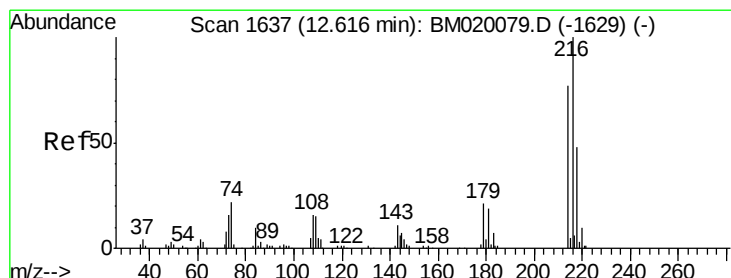
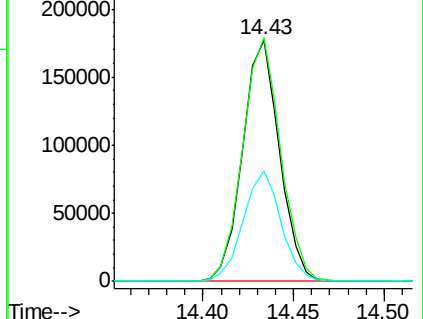
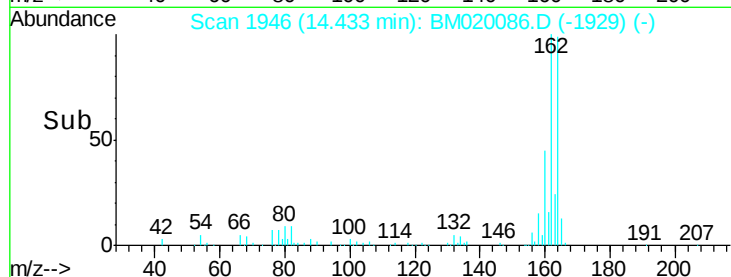
160 45.8 37.6 56.4



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: 38.218 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion:216 Resp: 373813

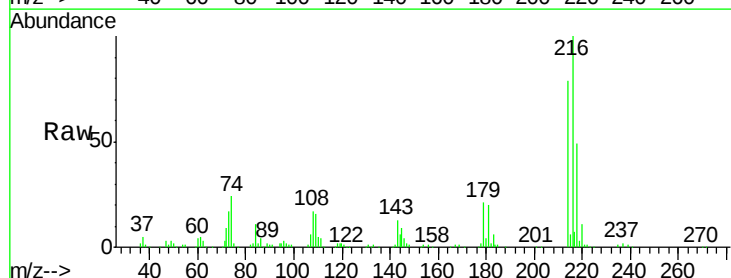
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 21.1 17.1 25.7

108 19.7 15.8 23.6

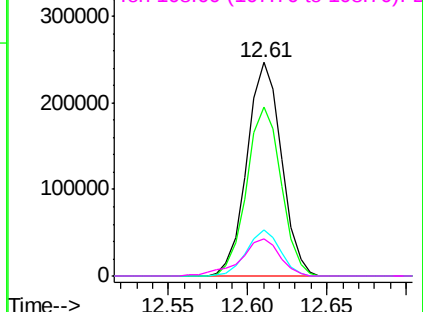
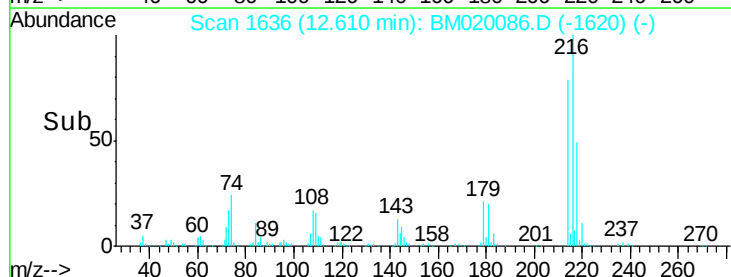


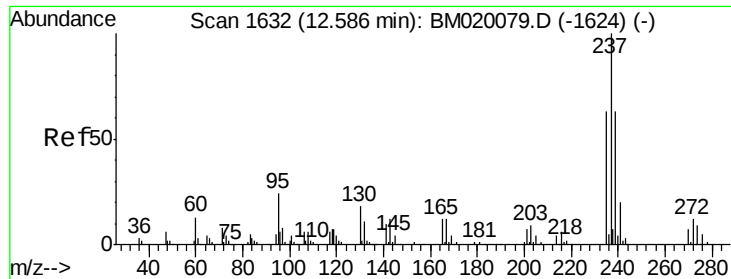
Abundance Ion 216.00 (215.70 to 216.70): E

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

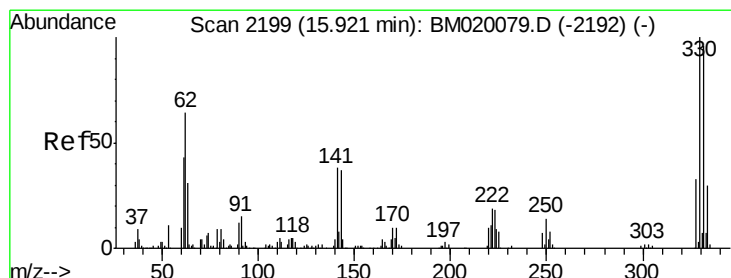
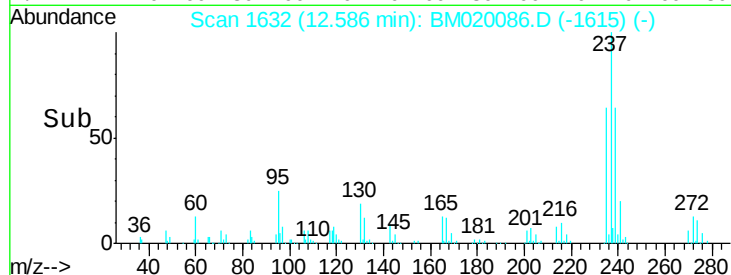
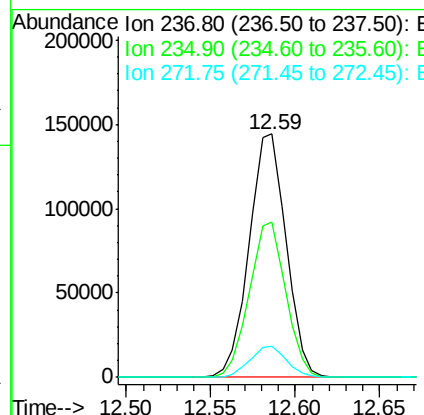
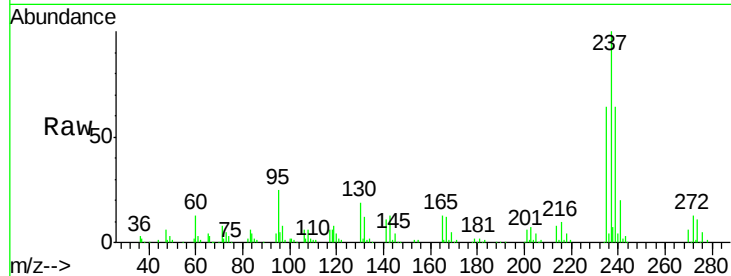




#41
Hexachlorocyclopentadiene
Concen: 38.273 ng
RT: 12.59 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

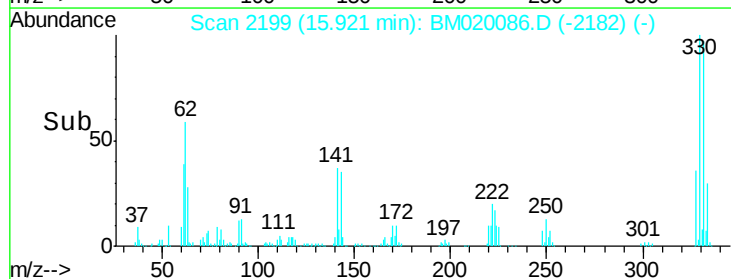
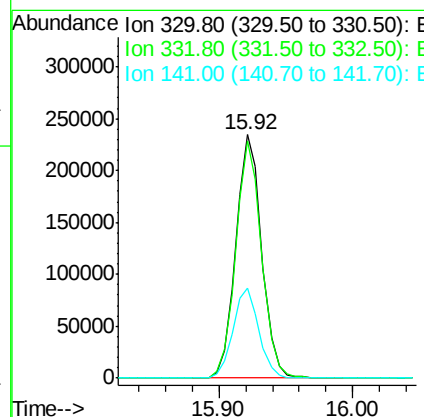
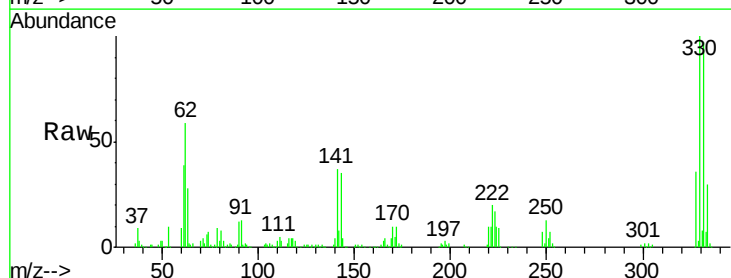
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.4	83.4
272	12.5	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 81.625 ng
RT: 15.92 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	37.2	29.2	43.8

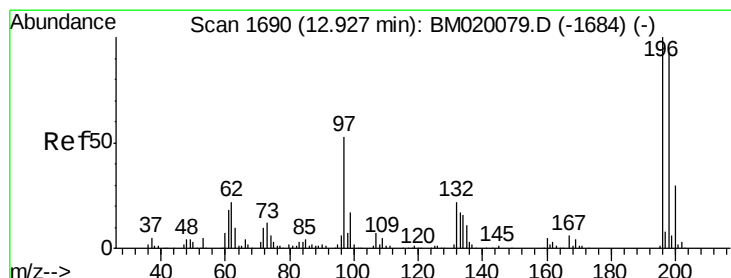
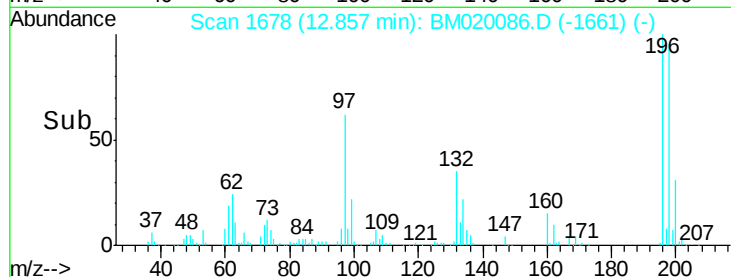
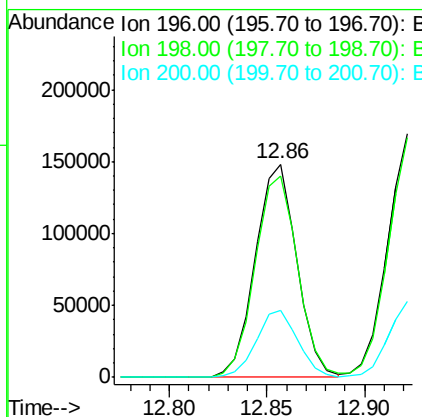
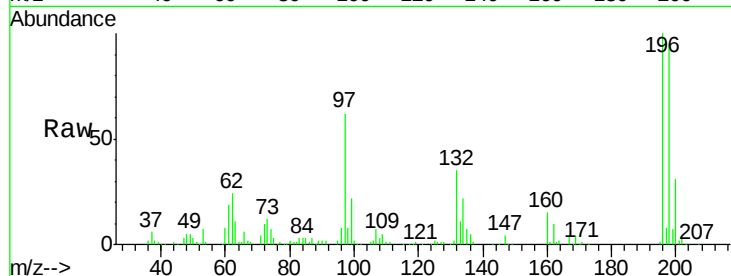




#43
 2,4,6-Trichlorophenol
 Concen: 39.278 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

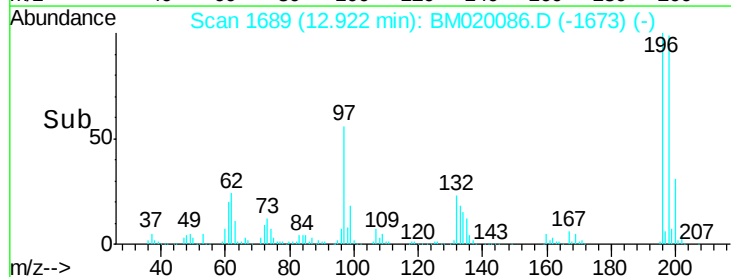
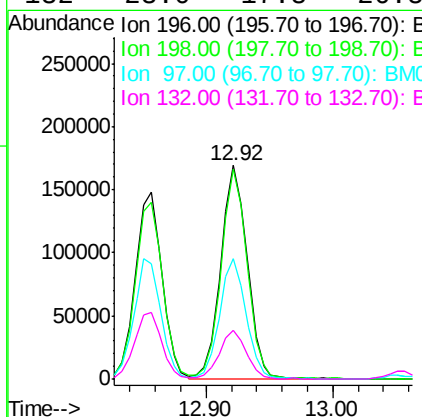
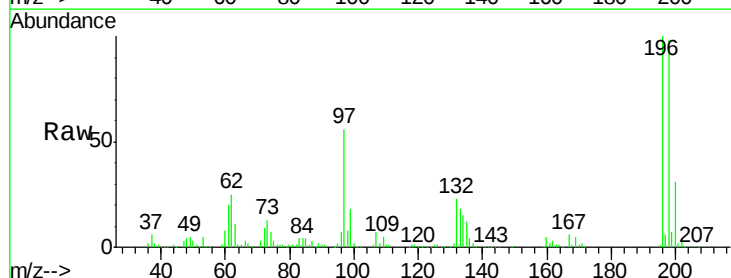
Instrument :
 BNA_M
 ClientSampleId :

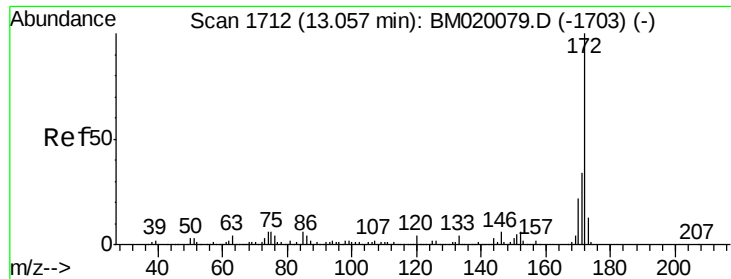
Tot Ion:196 Resp: 218341
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.2
 200 31.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.369 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion:196 Resp: 244479
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.7 112.1
 97 56.2 42.2 63.4
 132 23.0 17.8 26.8

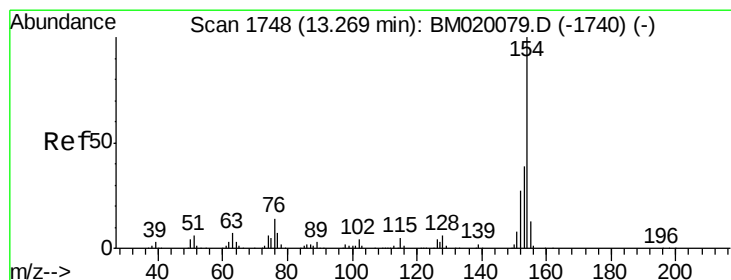
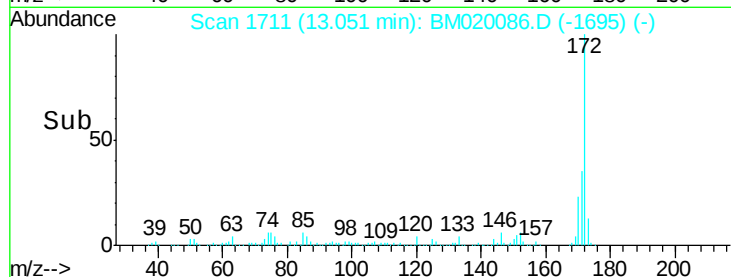
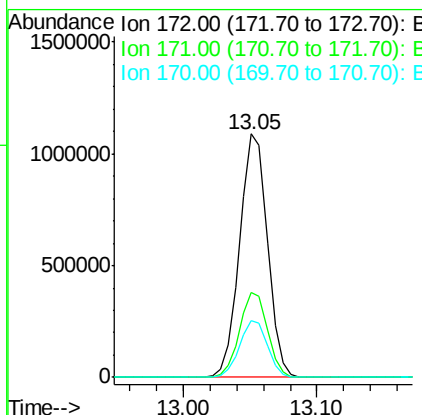
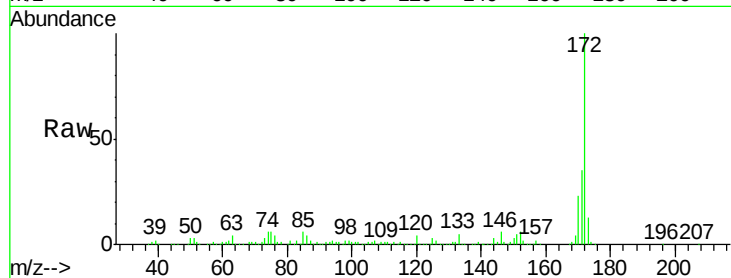




#45
2-Fluorobiphenyl
Concen: 76.938 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

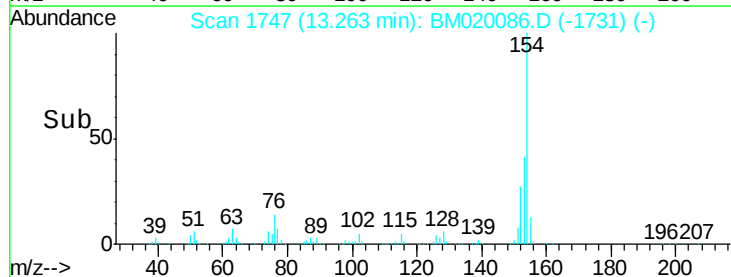
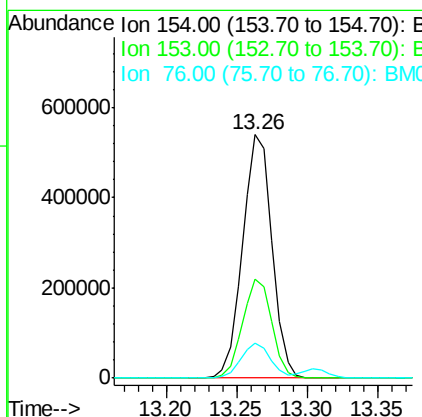
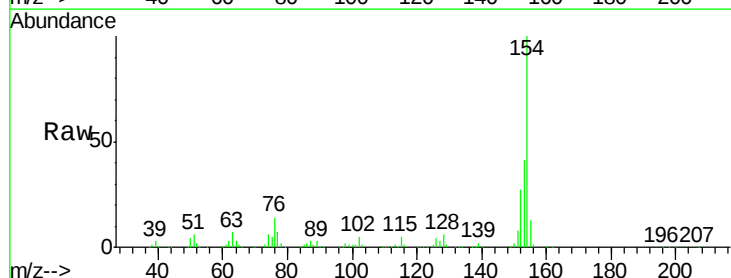
Instrument :
BNA_M
ClientSampleId :

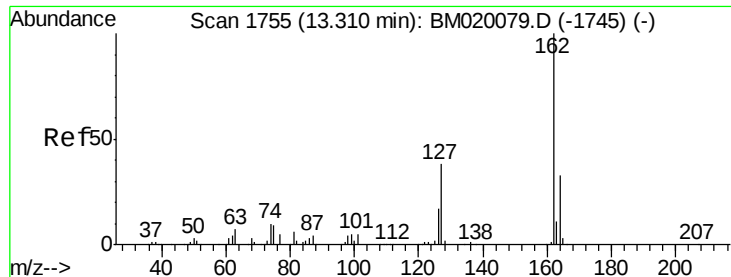
Tot Ion:172 Resp: 1563321
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 23.4 17.9 26.9



#46
1,1'-Biphenyl
Concen: 38.088 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:154 Resp: 783766
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 14.4 0.0 34.5

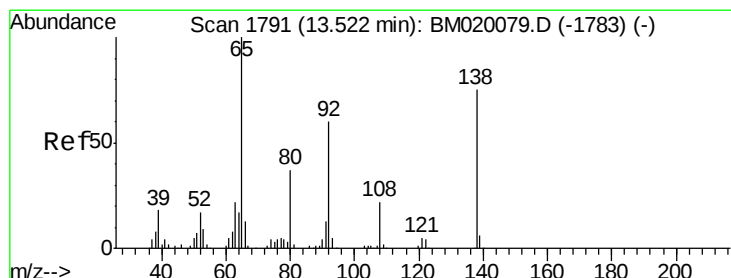
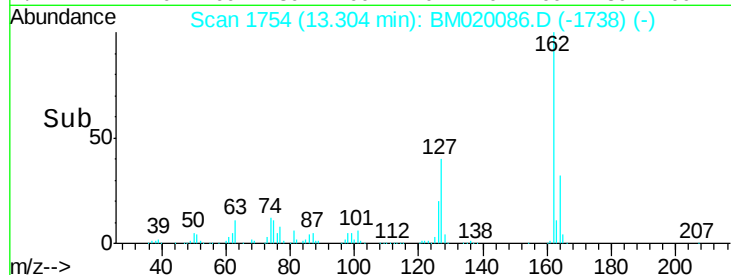
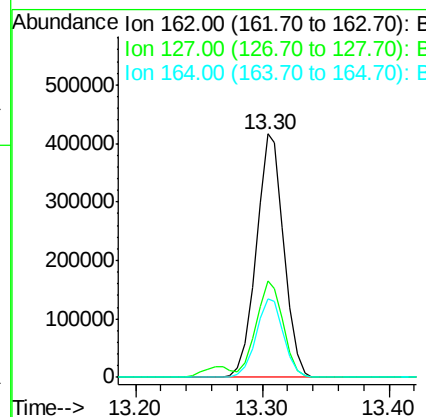
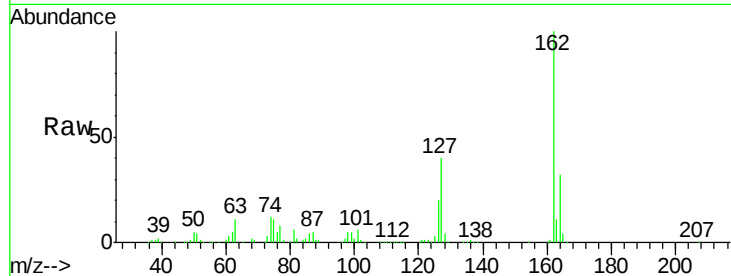




#47
 2-Chloronaphthalene
 Concen: 38.017 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

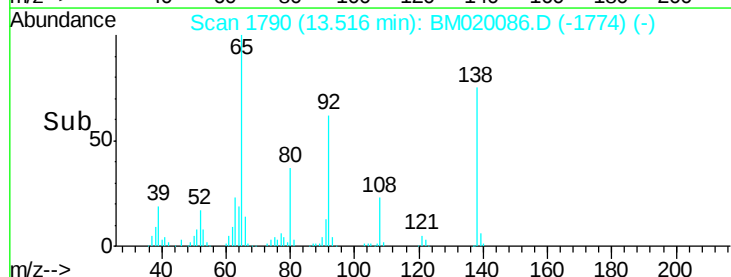
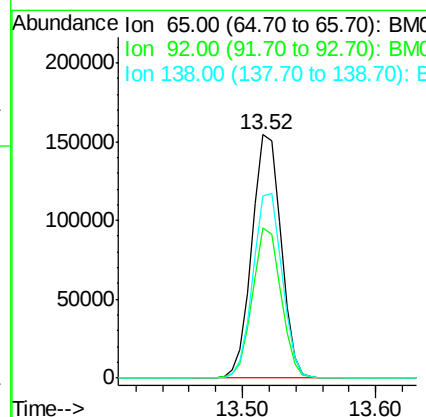
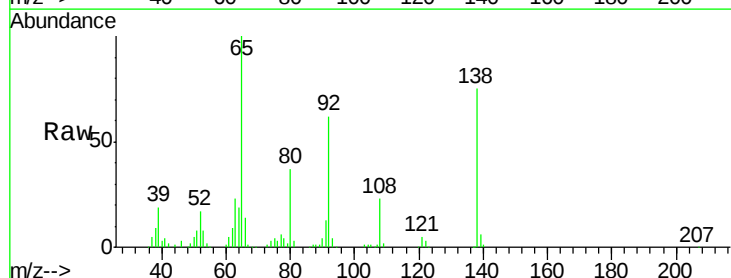
Instrument :
 BNA_M
 ClientSampleId :

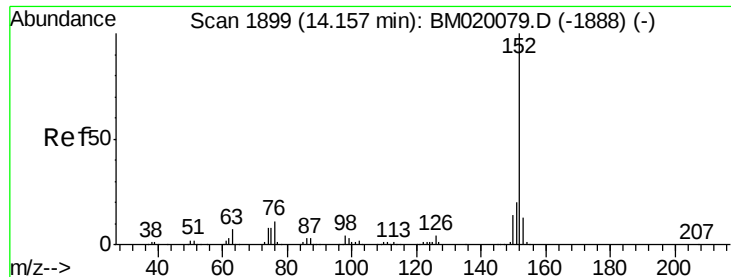
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.0	46.4
164	32.4	26.2	39.2



#48
 2-Nitroaniline
 Concen: 39.608 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	48.2	72.4
138	75.0	60.3	90.5





#49

Acenaphthylene

Concen: 38.676 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

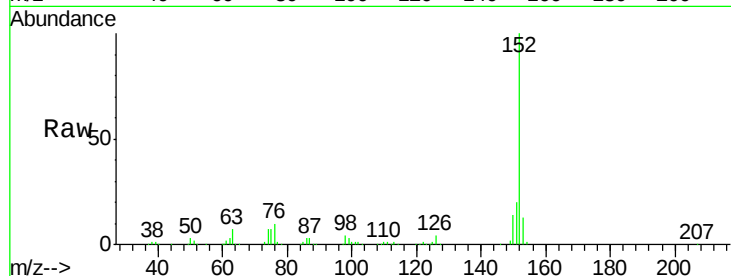
Tot Ion:152 Resp: 1016936

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.7	10.6	16.0

152 100

151 19.8 16.2 24.2

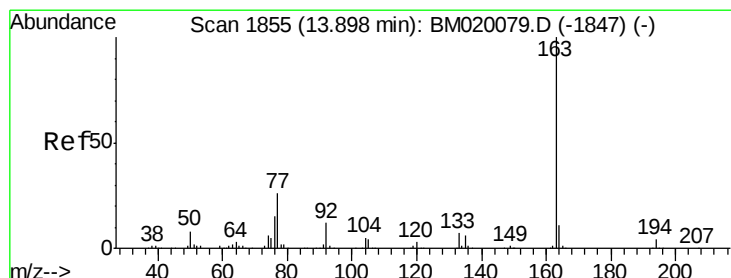
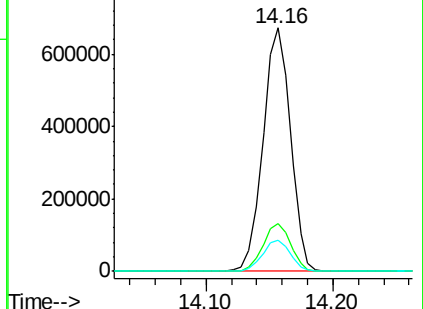
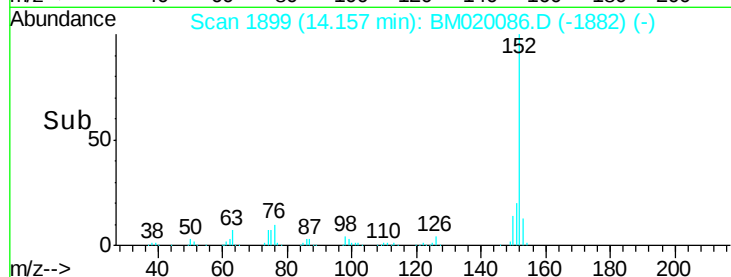
153 12.7 10.6 16.0



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: 38.926 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

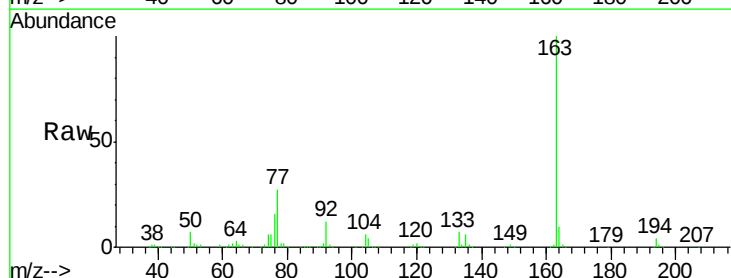
Tgt Ion:163 Resp: 827095

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.5	8.4	12.6

163 100

194 4.2 3.6 5.4

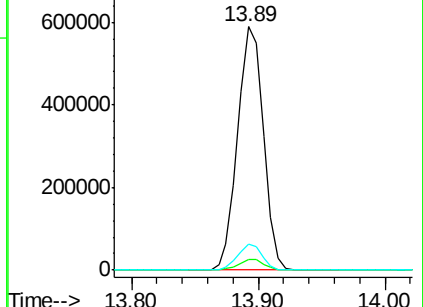
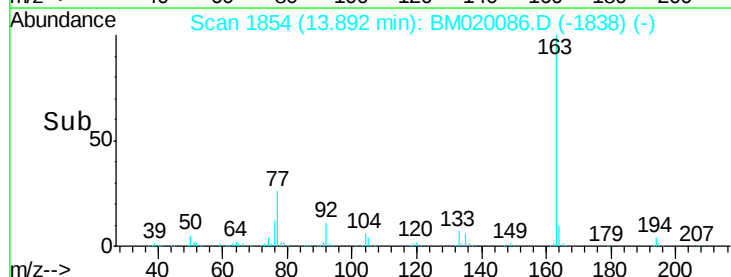
164 10.5 8.4 12.6

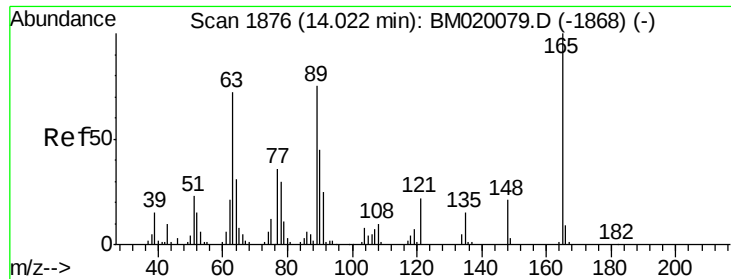


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.634 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

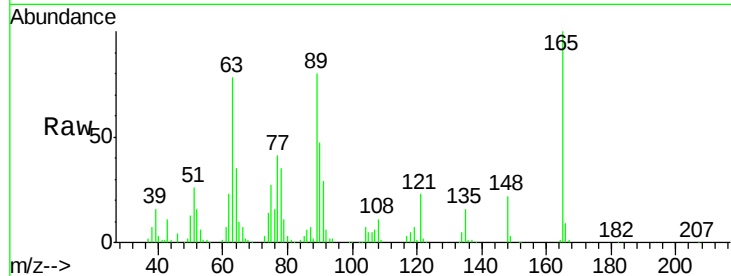
Tot Ion:165 Resp: 177376

Ion Ratio Lower Upper

165 100

63 77.7 60.3 90.5

89 80.2 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

14.02

150000

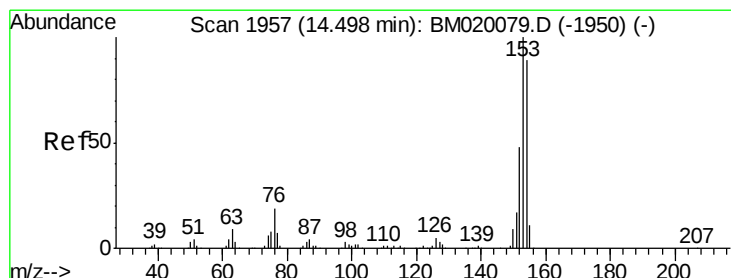
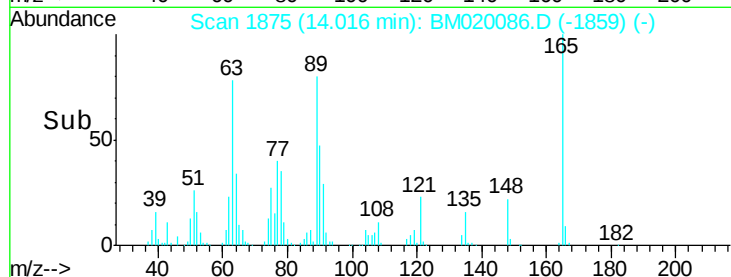
100000

50000

0

13.95 14.00 14.05

Time-->



#52

Acenaphthene

Concen: 38.996 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

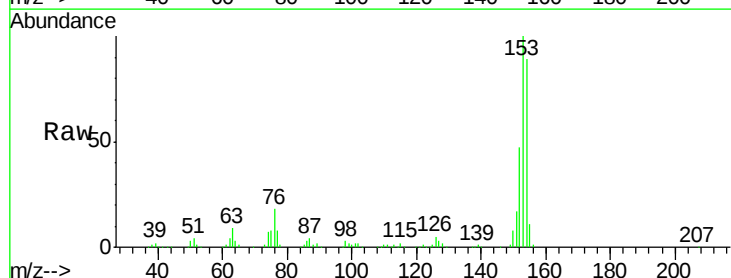
Tgt Ion:154 Resp: 587987

Ion Ratio Lower Upper

154 100

153 111.8 90.2 135.2

152 52.9 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.50

600000

500000

400000

300000

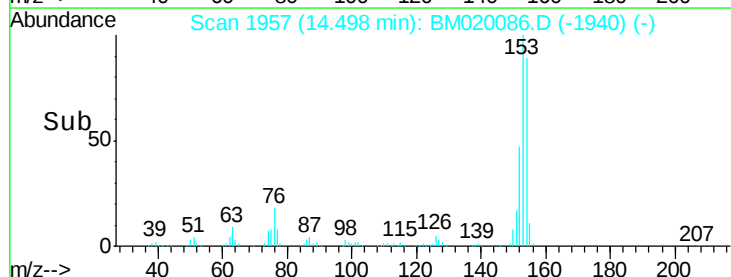
200000

100000

0

14.45 14.50 14.55

Time-->

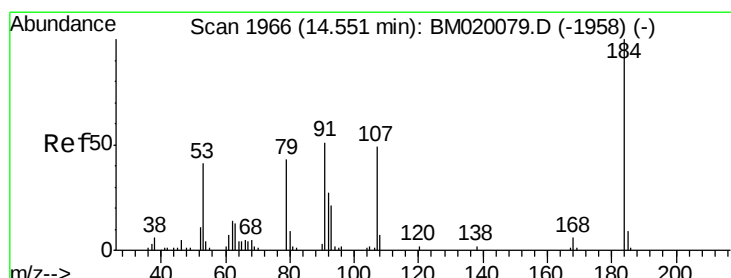
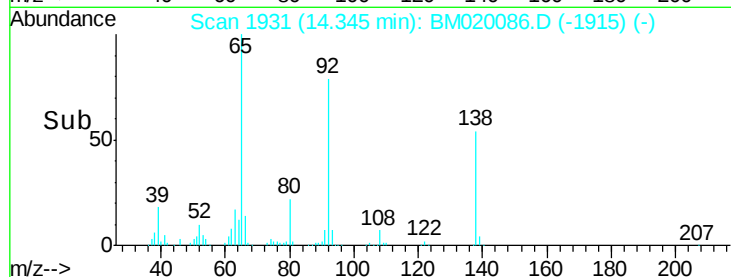
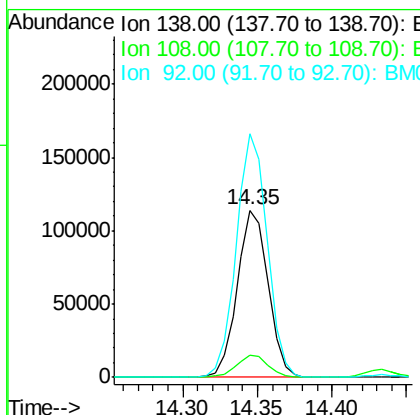
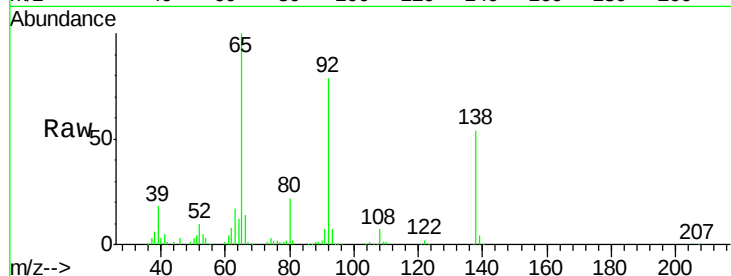




#53
3-Nitroaniline
Concen: 39.438 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

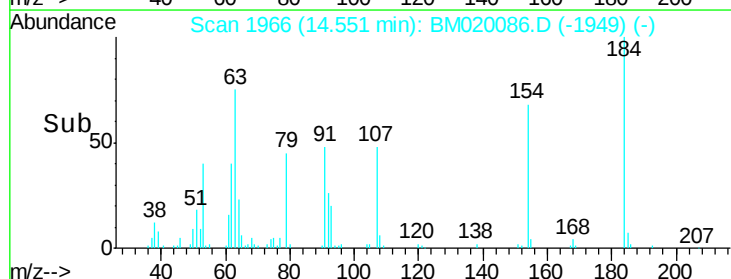
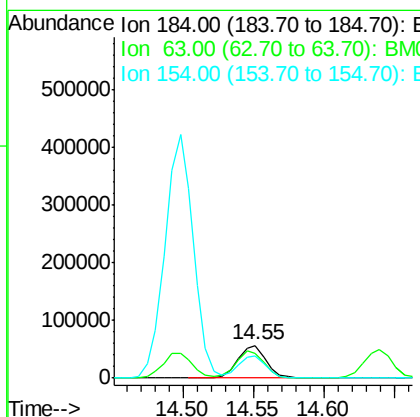
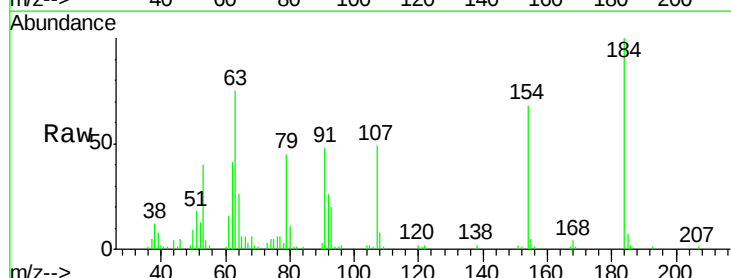
Instrument :
BNA_M
ClientSampleId :

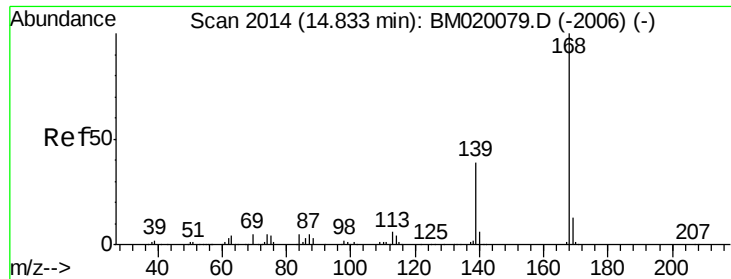
Tot Ion:138 Resp: 163809
Ion Ratio Lower Upper
138 100
108 13.3 10.4 15.6
92 145.8 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 40.063 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:184 Resp: 79205
Ion Ratio Lower Upper
184 100
63 74.6 68.9 103.3
154 68.2 54.4 81.6

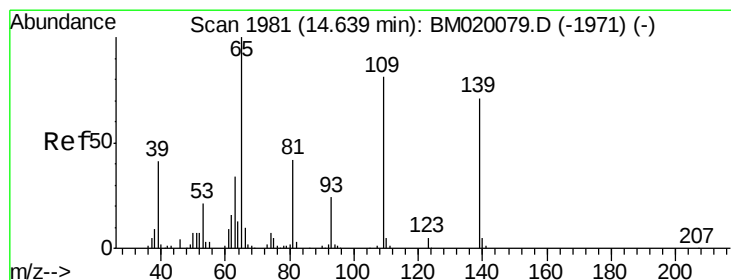
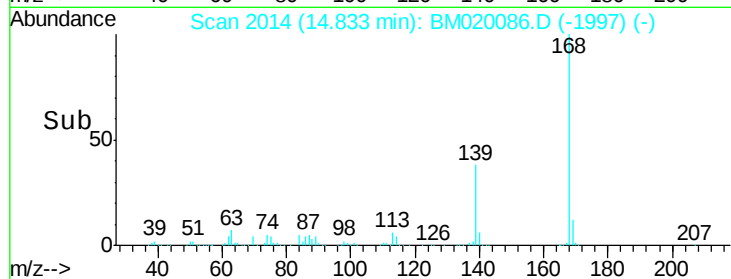
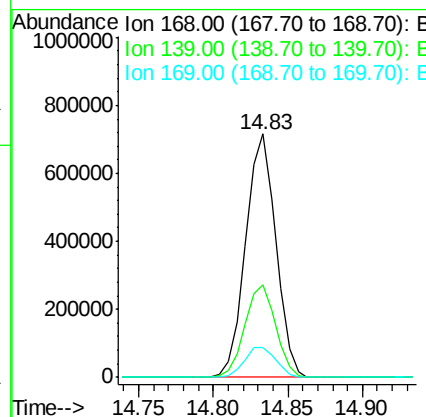
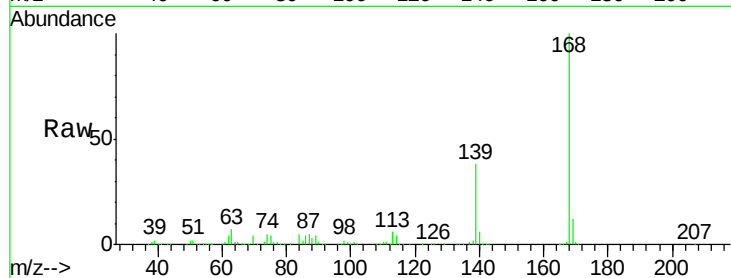




#55
Dibenzofuran
Concen: 39.427 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

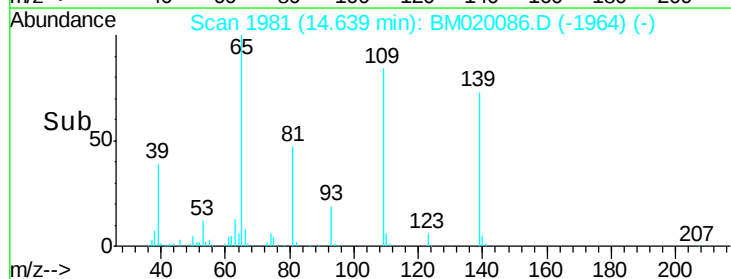
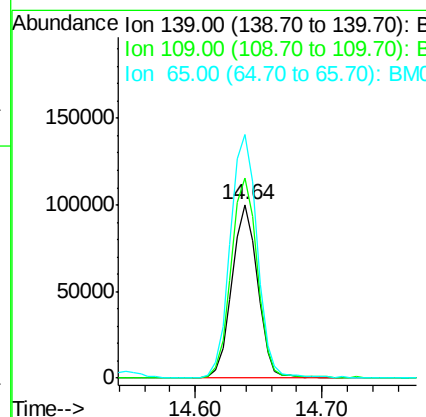
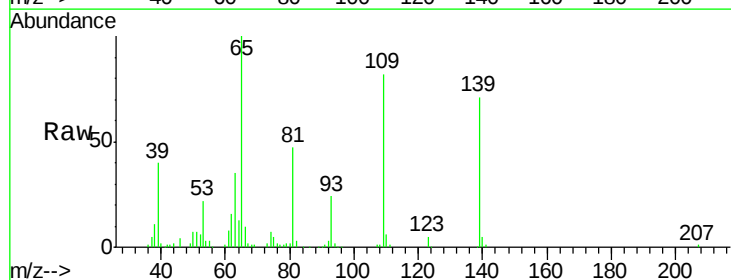
Instrument :
BNA_M
ClientSampleId :

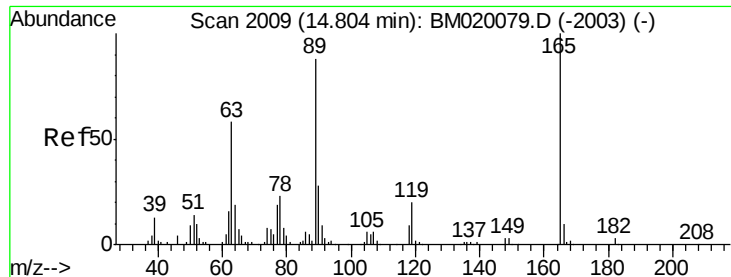
Tot Ion:168 Resp: 1002774
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7
169 12.5 10.6 16.0



#56
4-Nitrophenol
Concen: 39.801 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:139 Resp: 141051
Ion Ratio Lower Upper
139 100
109 115.6 94.1 134.1
65 140.3 120.9 160.9

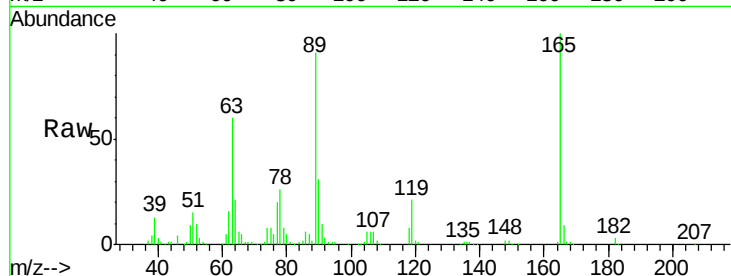




#57
 2,4-Dinitrotoluene
 Concen: 40.781 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	165	Resp	247995
Ion Ratio	Lower	Upper	
165	100		
63	60.4	46.2	69.2
89	91.4	70.6	105.8
182	3.2	2.2	3.2

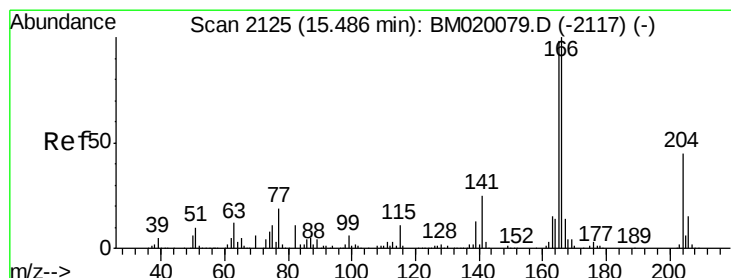
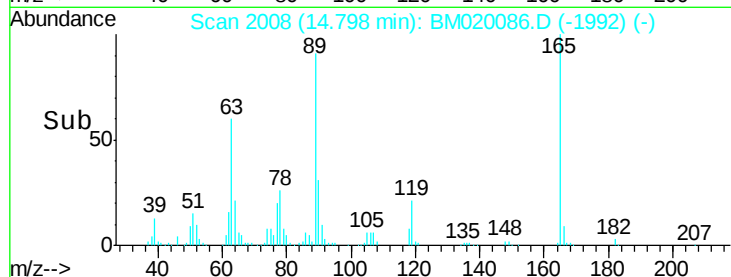
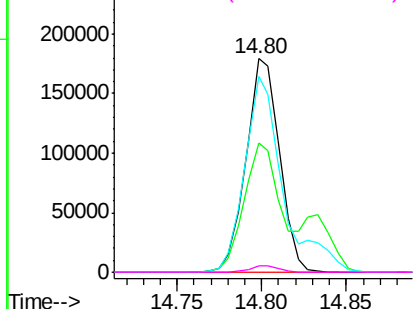


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

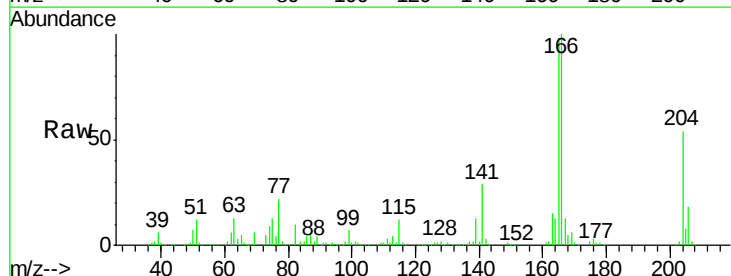
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.576 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

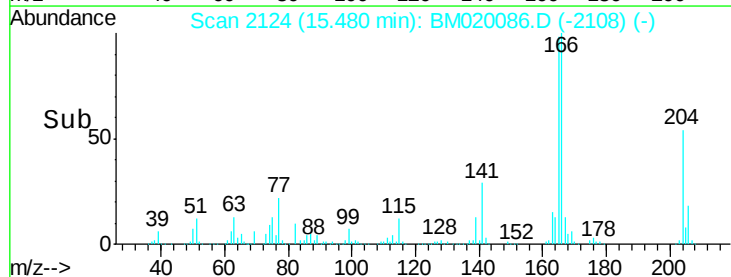
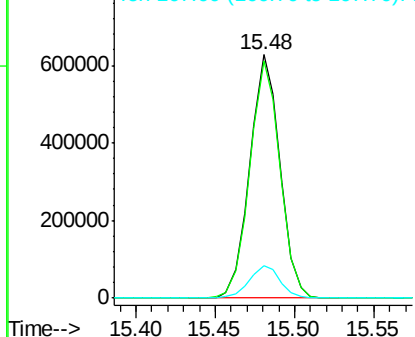
Tgt Ion	166	Resp	826664
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.2	117.2
167	13.1	11.0	16.4

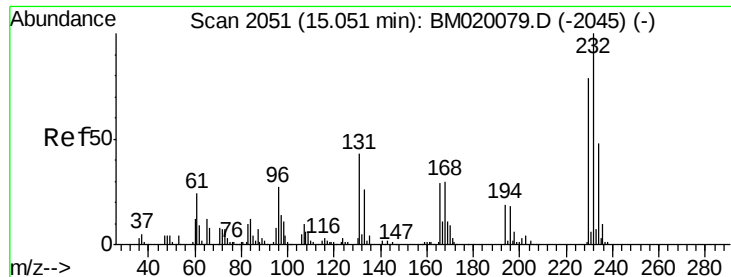


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

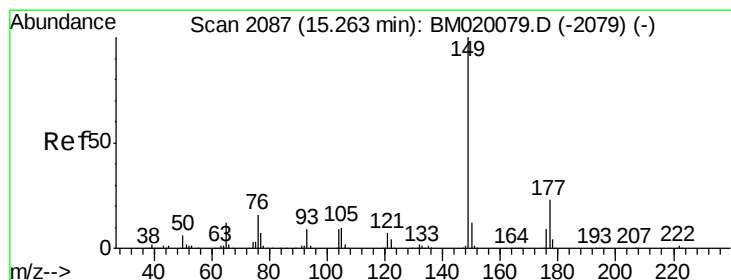
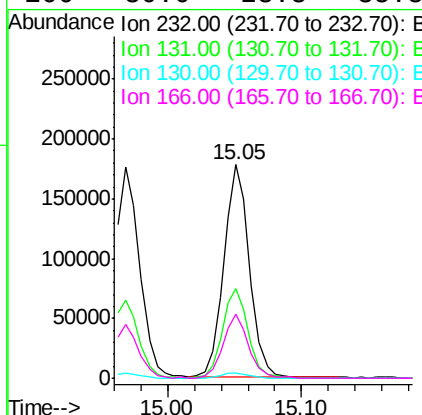
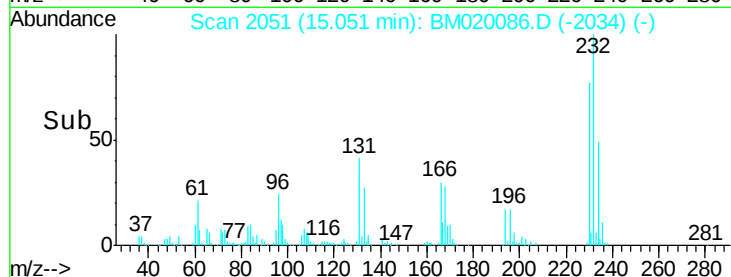
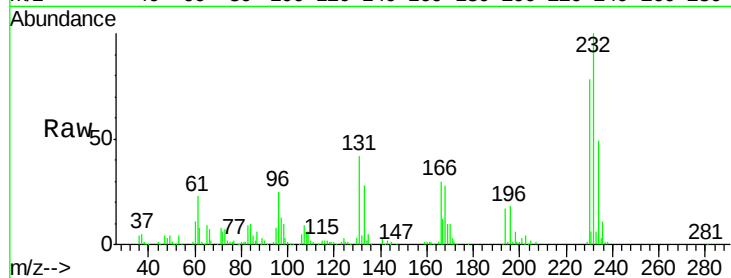




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.474 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

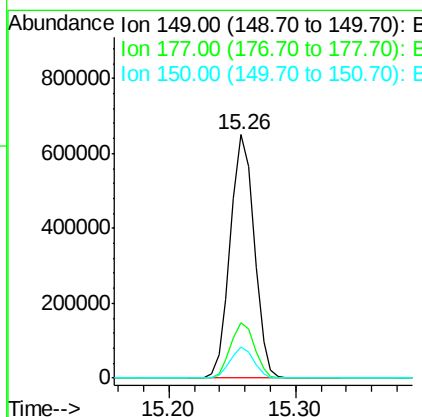
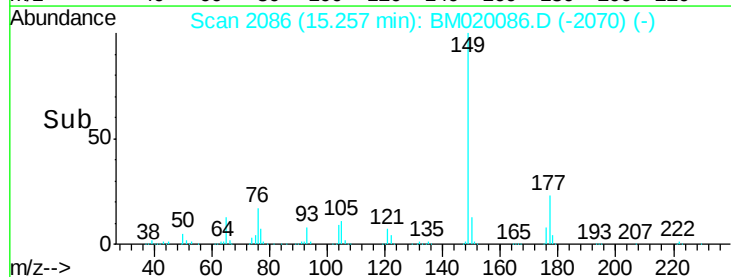
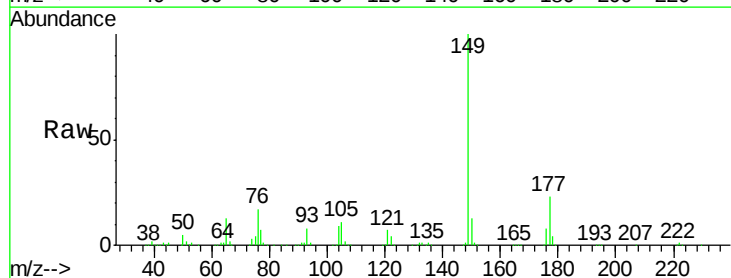
Instrument :
 BNA_M
 ClientSampleId :

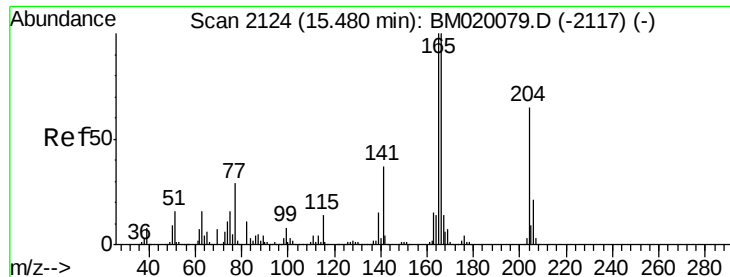
Tot Ion:232	Resp:	238851
Ion Ratio	Lower	Upper
232	100	
131	42.3	34.2 51.4
130	2.7	2.0 3.0
166	30.0	23.8 35.8



#60
 Diethylphthalate
 Concen: 39.617 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion:149	Resp:	848089
Ion Ratio	Lower	Upper
149	100	
177	22.7	18.2 27.4
150	13.0	9.9 14.9

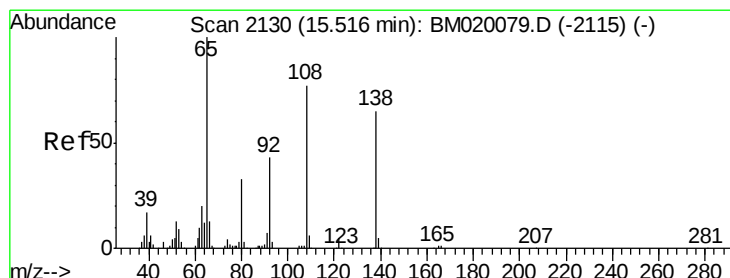
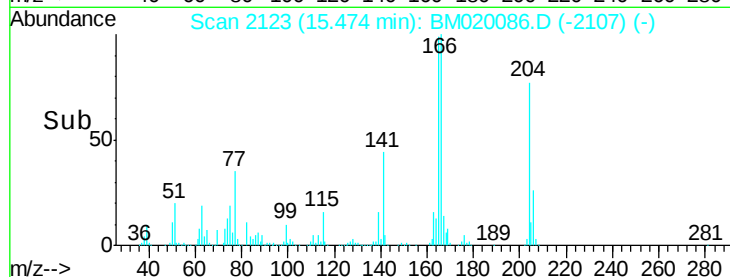
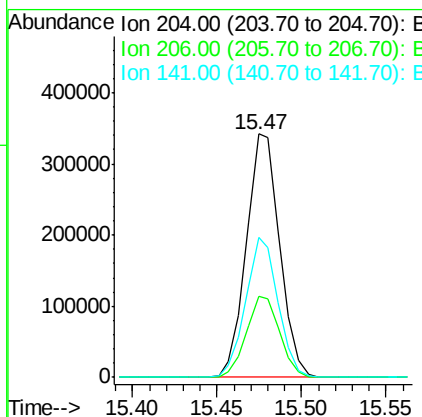
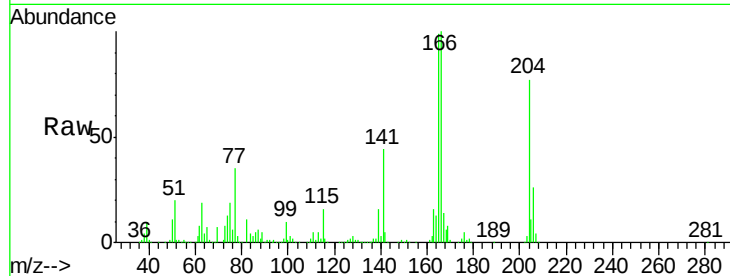




#61
4-Chlorophenyl-phenylether
Concen: 39.626 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

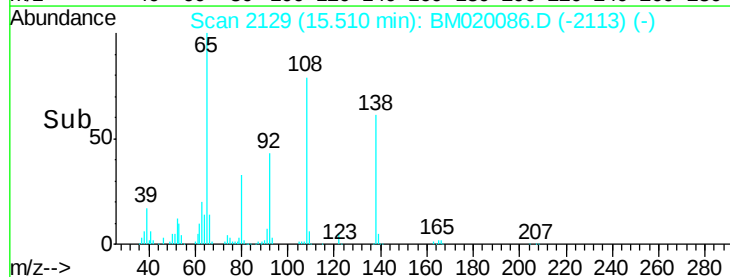
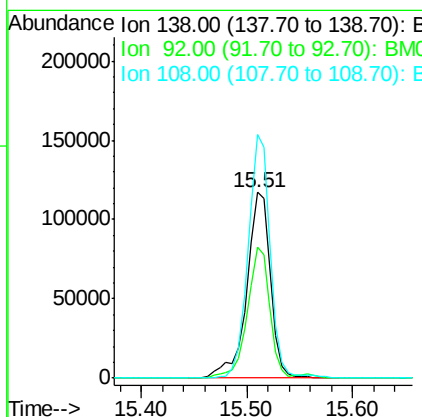
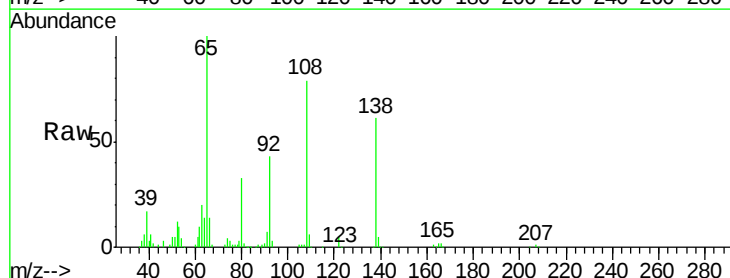
Instrument :
BNA_M
ClientSampled :

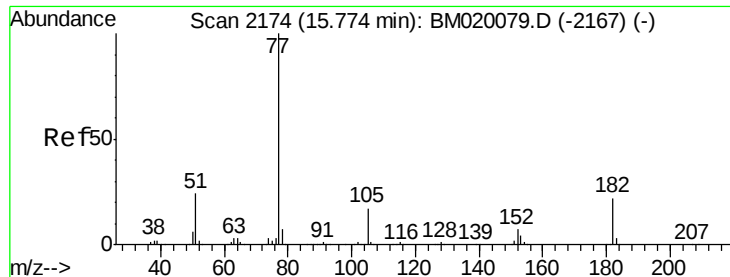
Tot Ion:204 Resp: 468980
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 57.6 46.1 69.1



#62
4-Nitroaniline
Concen: 40.340 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:138 Resp: 184913
Ion Ratio Lower Upper
138 100
92 70.8 45.9 85.9
108 131.0 97.7 137.7

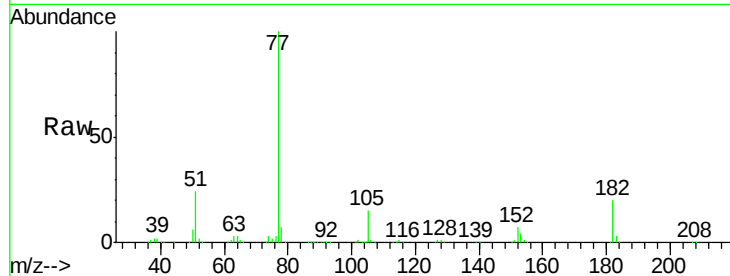




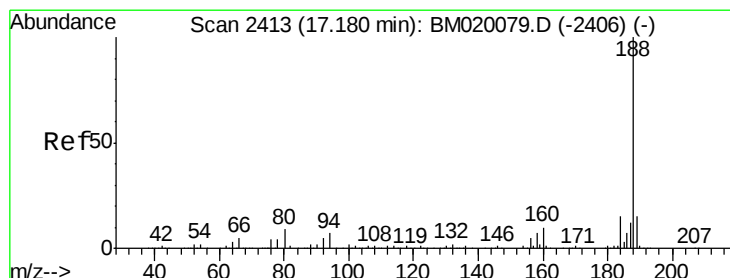
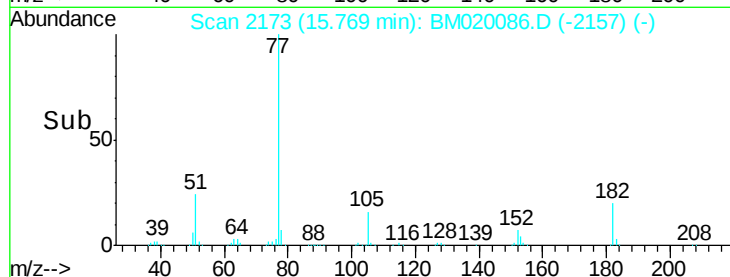
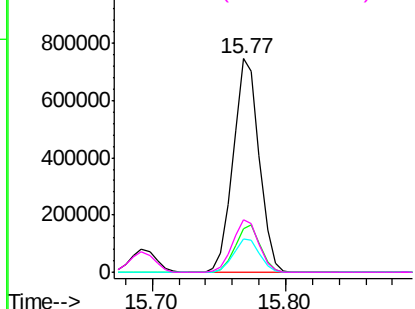
#63
Azobenzene
Concen: 39.910 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 1007917
Ion Ratio Lower Upper
77 100
182 20.1 2.1 42.1
105 15.4 0.0 36.8
51 24.4 3.8 43.8

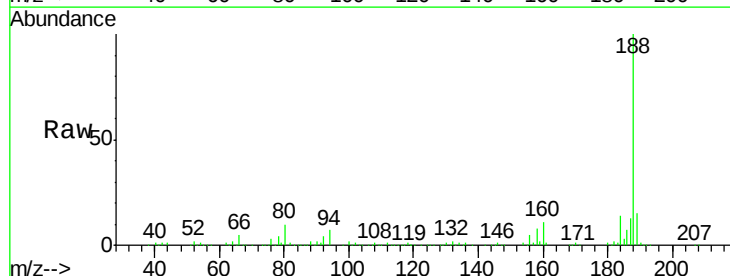


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)
Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)
Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)

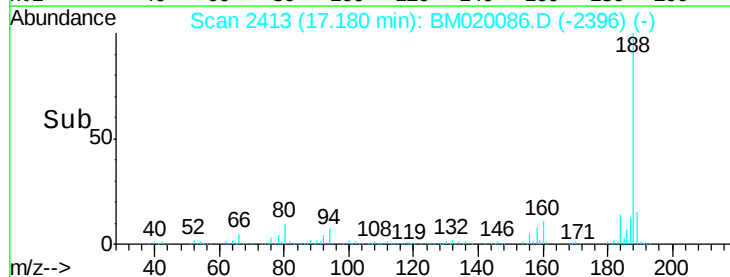
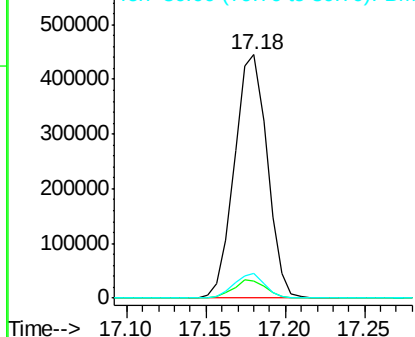


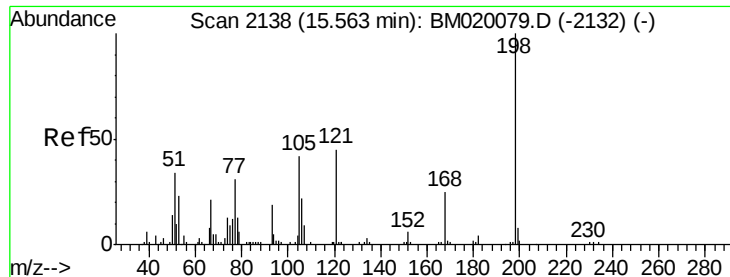
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion: 188 Resp: 637420
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 9.9 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)
Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)
Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)

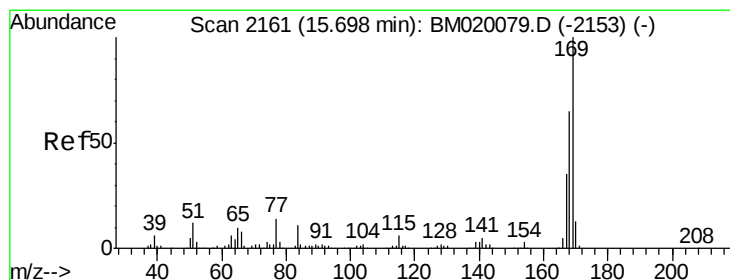
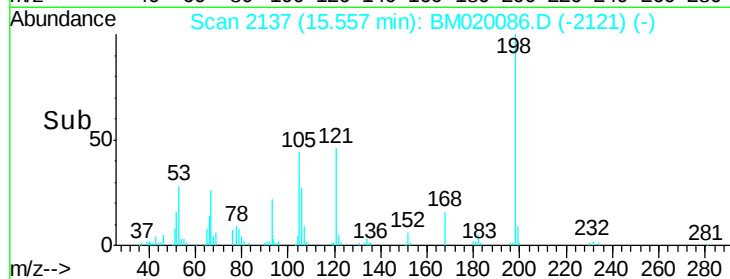
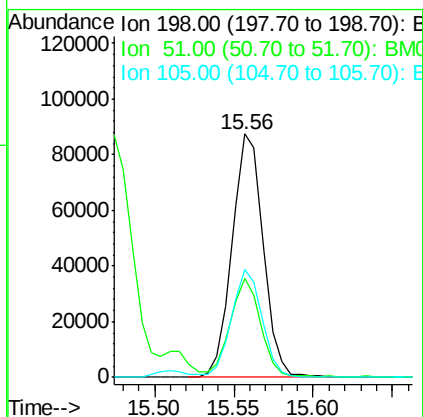
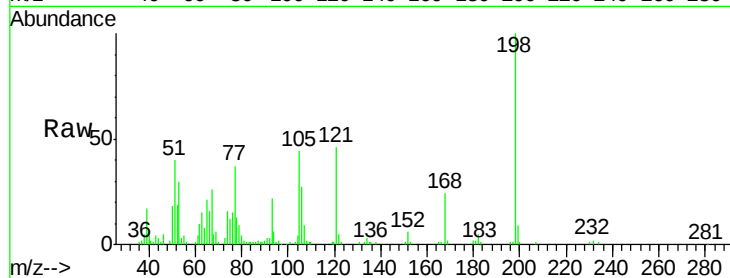




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.631 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

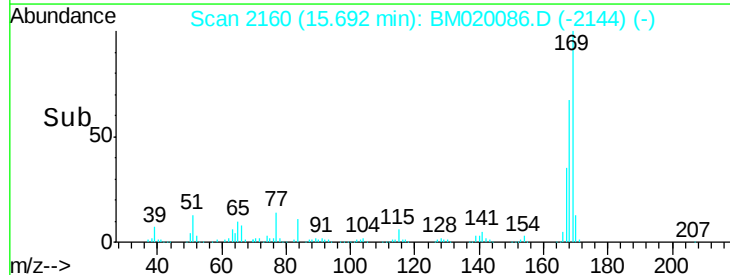
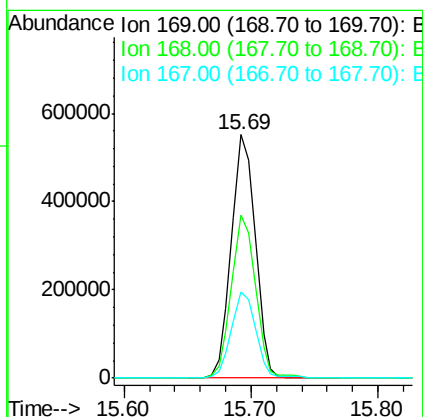
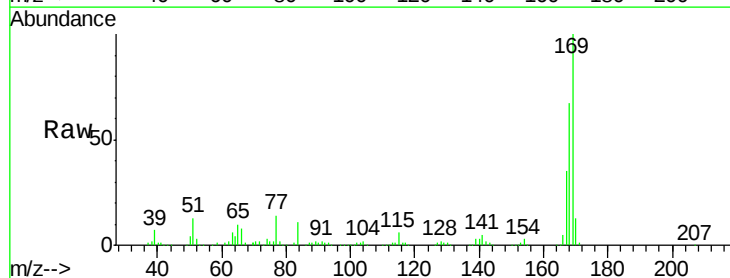
Instrument :
 BNA_M
 ClientSampleId :

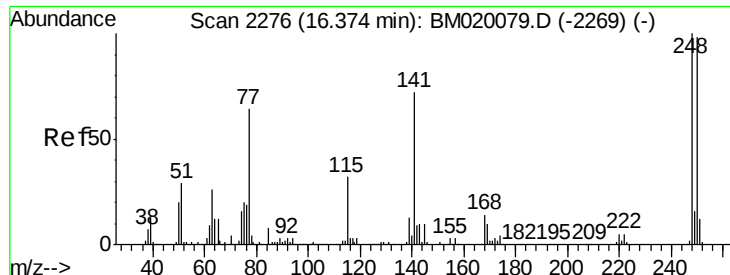
Tot Ion	198	Resp	118961
Ion Ratio	Lower	Upper	
198	100		
51	40.4	16.5	56.5
105	44.2	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 38.450 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion	169	Resp	721176
Ion Ratio	Lower	Upper	
169	100		
168	66.7	51.9	77.9
167	35.3	27.8	41.6

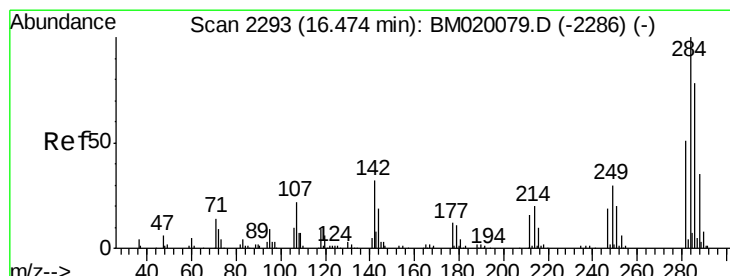
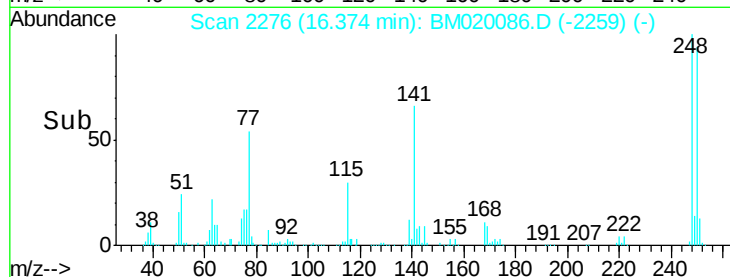
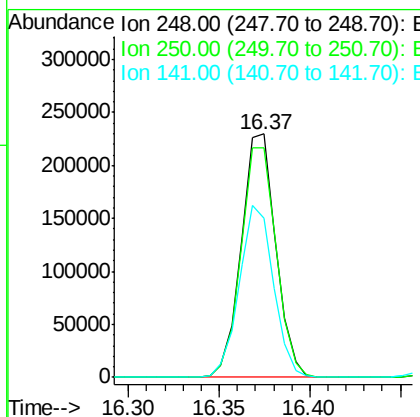
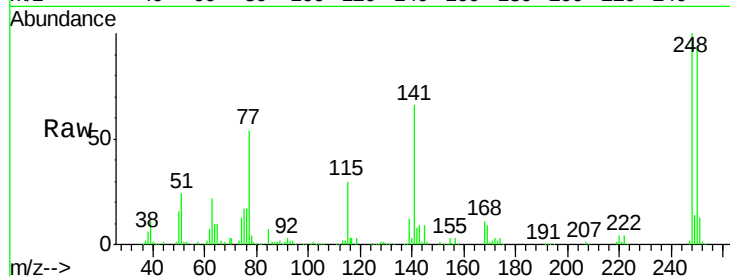




#67
 4-Bromophenyl-phenylether
 Concen: 38.847 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

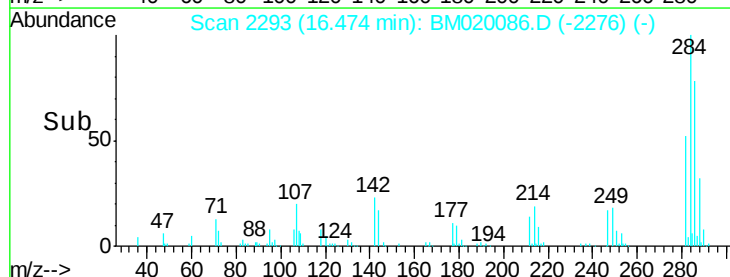
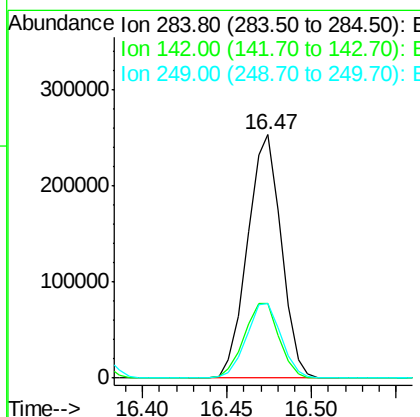
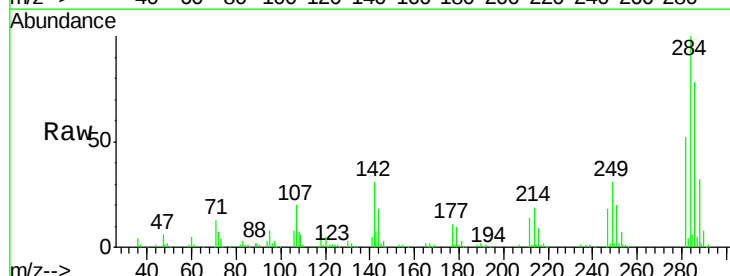
Instrument :
 BNA_M
 ClientSampleId :

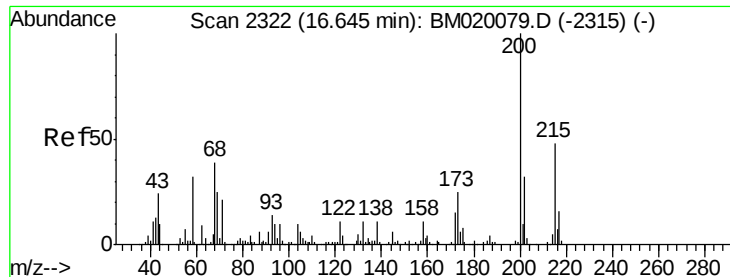
Tot Ion:248 Resp: 303646
 Ion Ratio Lower Upper
 248 100
 250 94.3 78.4 117.6
 141 65.6 57.4 86.2



#68
 Hexachlorobenzene
 Concen: 39.065 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion:284 Resp: 351378
 Ion Ratio Lower Upper
 284 100
 142 30.6 25.2 37.8
 249 30.7 23.6 35.4

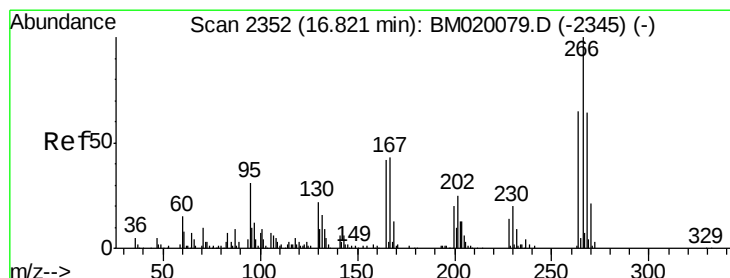
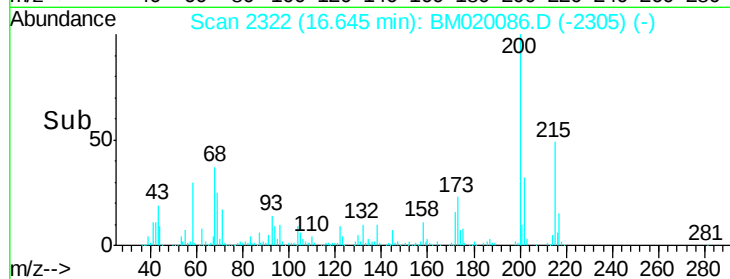
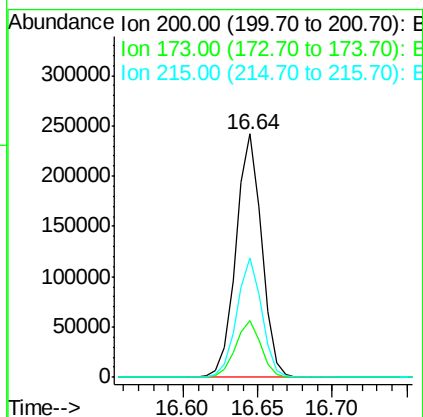
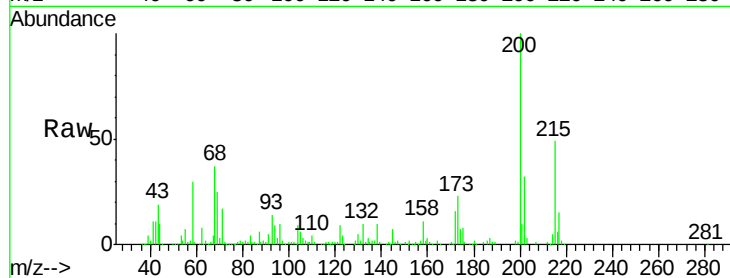




#69
 Atrazine
 Concen: 39.563 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

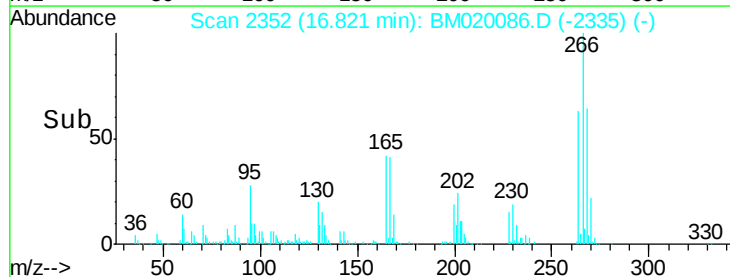
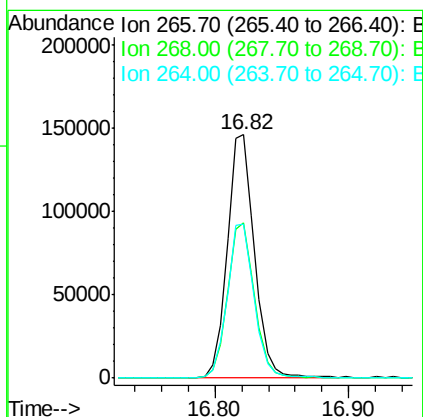
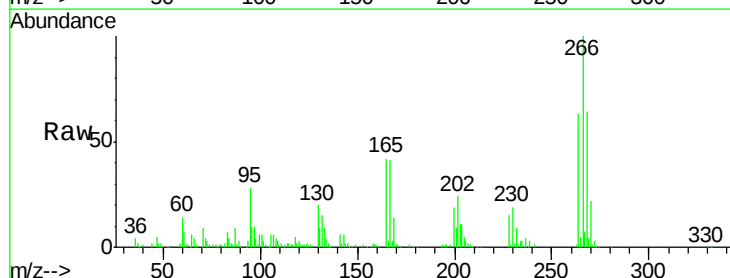
Instrument :
 BNA_M
 ClientSampleId :

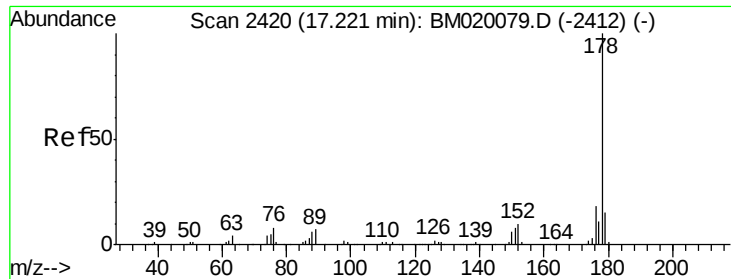
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.6	44.6
215	48.8	28.0	68.0



#70
 Pentachlorophenol
 Concen: 40.571 ng
 RT: 16.82 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BM020086.D
 Acq: 01 May 2019 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.0
264	63.2	52.0	78.0

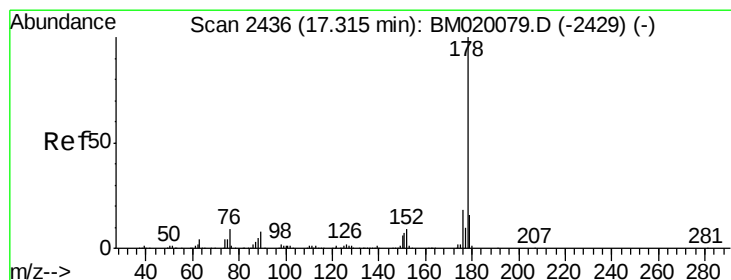
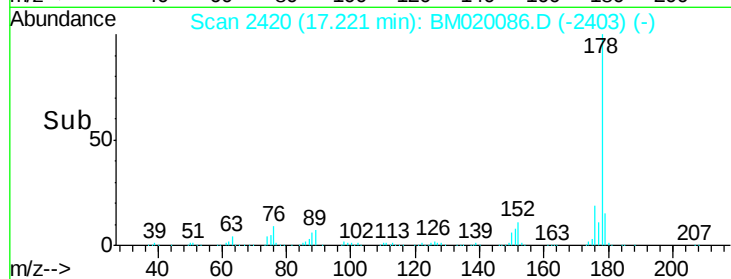
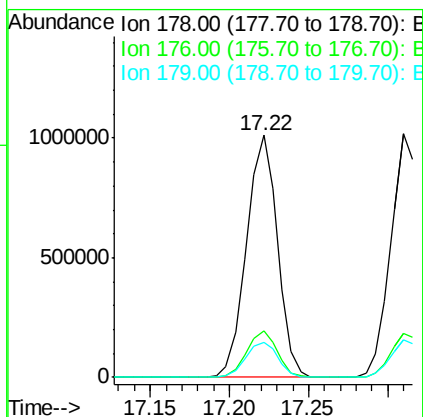
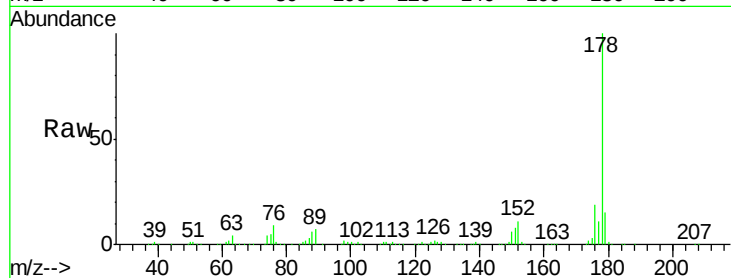




#71
Phenanthrene
Concen: 38.985 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

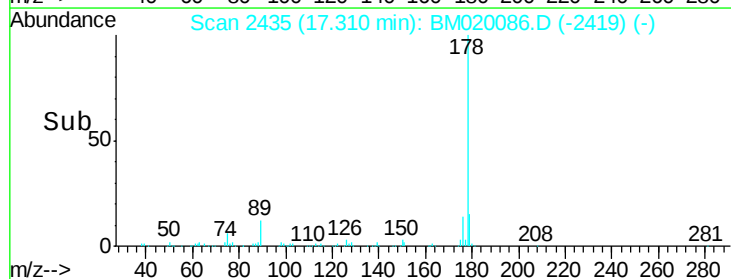
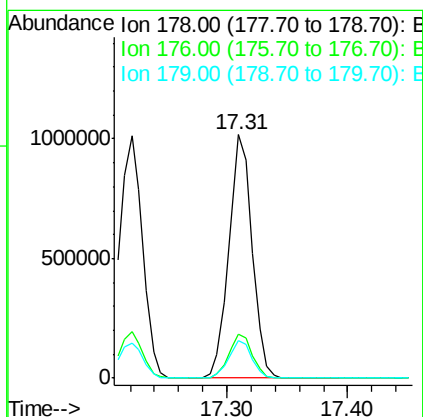
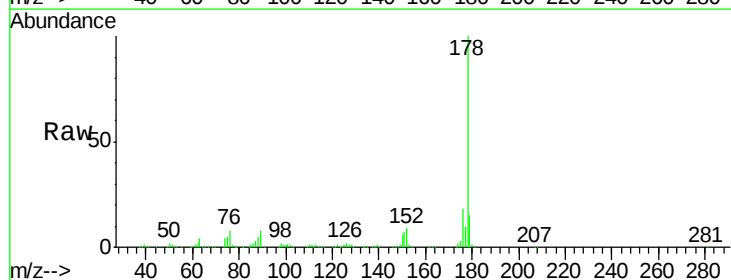
Instrument :
BNA_M
ClientSampleId :

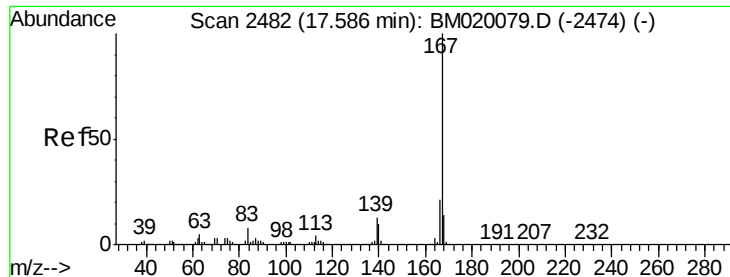
Tot Ion:178 Resp: 1371715
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 14.7 12.4 18.6



#72
Anthracene
Concen: 38.745 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:178 Resp: 1363031
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.3 12.4 18.6





#73

Carbazole

Concen: 39.498 ng

RT: 17.59 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

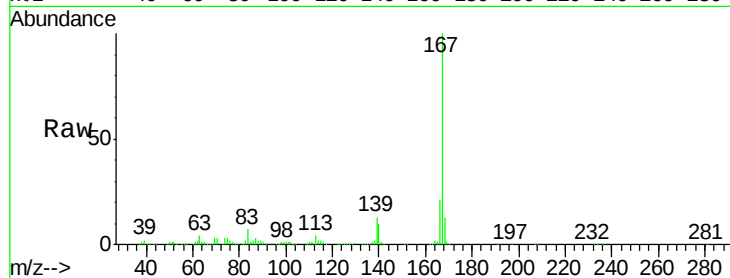
Tot Ion:167 Resp: 1253794

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

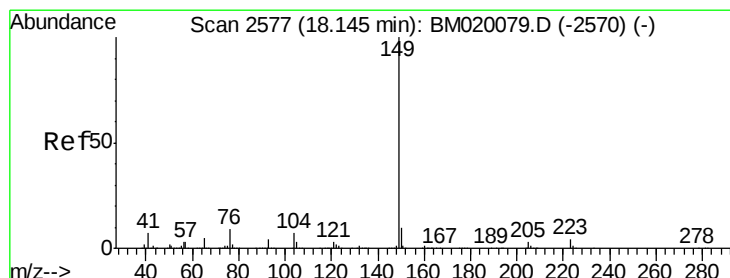
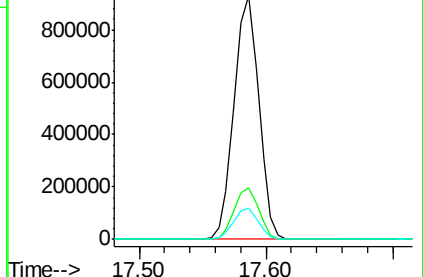
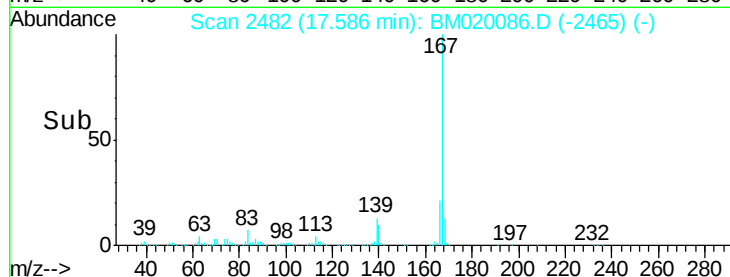
139 12.6 10.6 16.0



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: 38.951 ng

RT: 18.14 min Scan# 2577

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

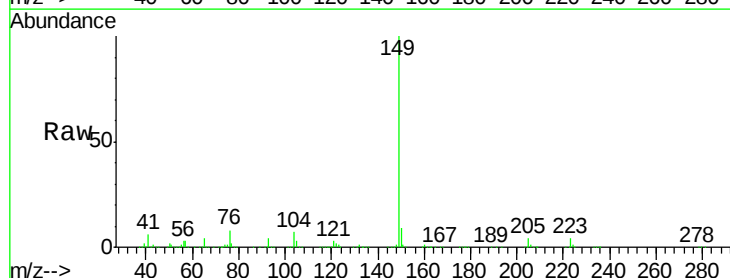
Tgt Ion:149 Resp: 1488001

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

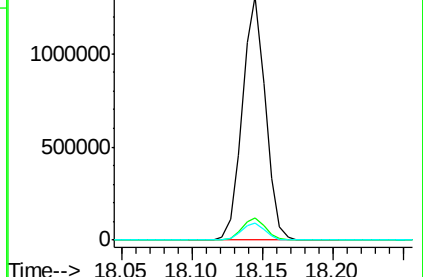
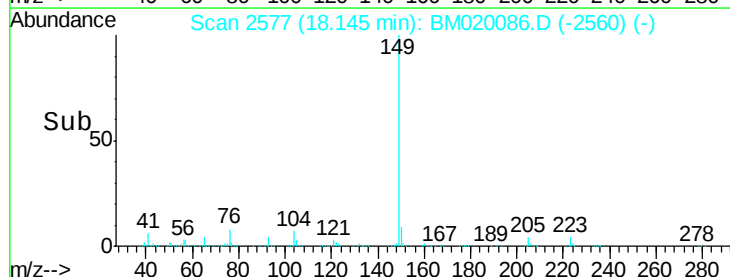
104 6.9 5.7 8.5

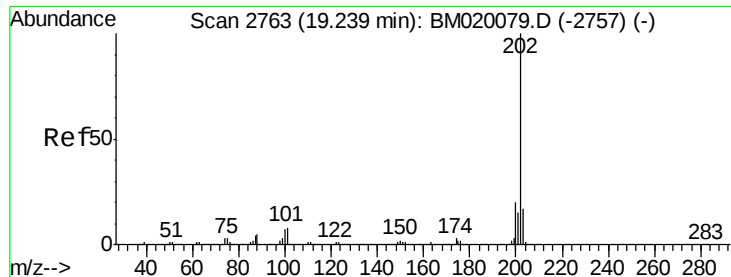


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.658 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

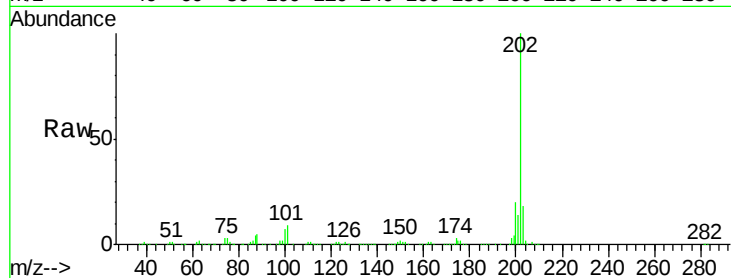
Tot Ion:202 Resp: 1765554

Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.4

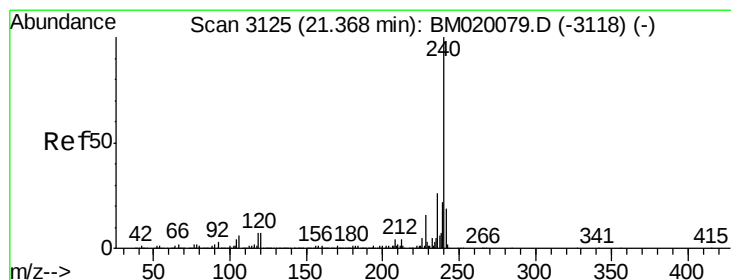
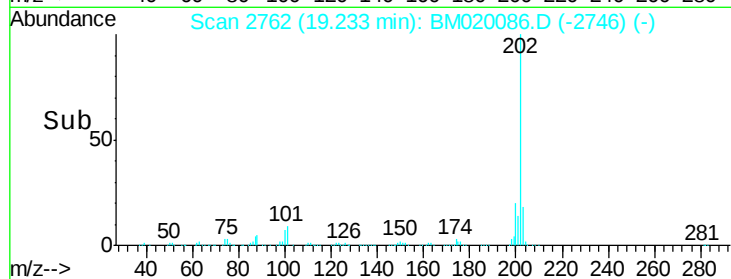
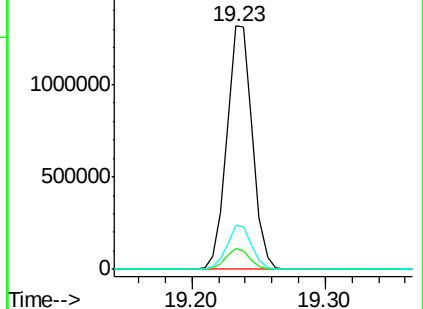
203 17.9 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

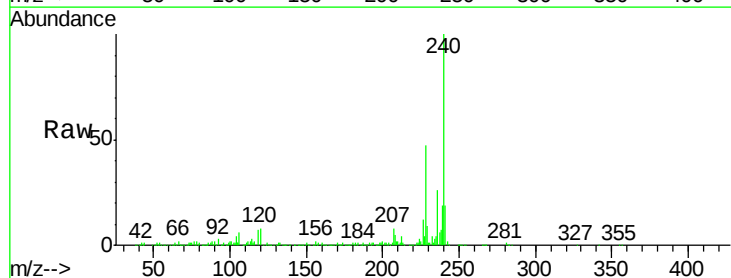
Tgt Ion:240 Resp: 731870

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

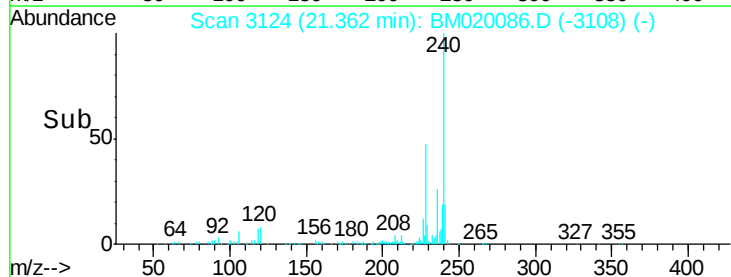
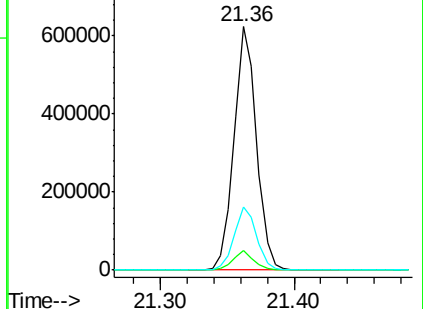
236 25.9 20.9 31.3

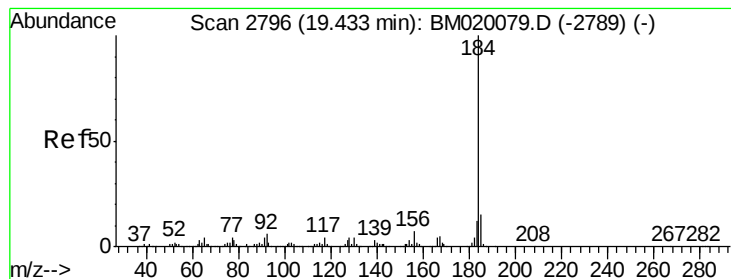


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.003 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

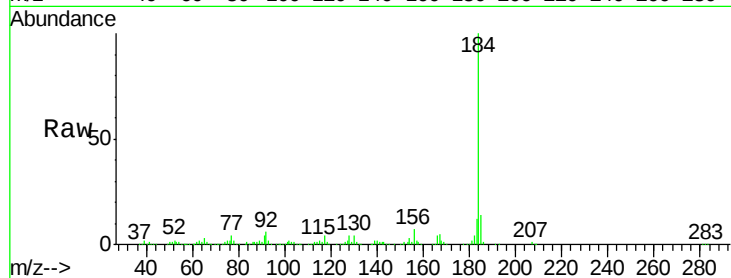
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 889203

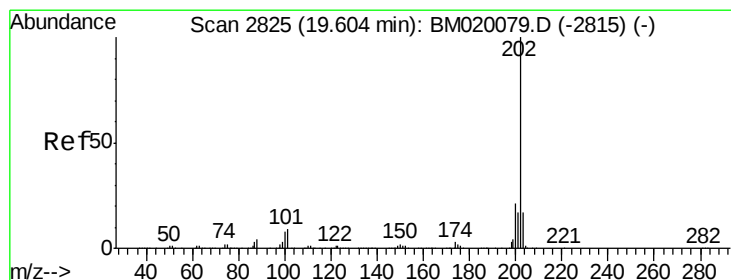
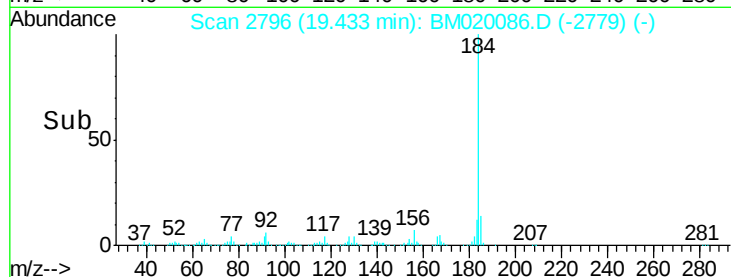
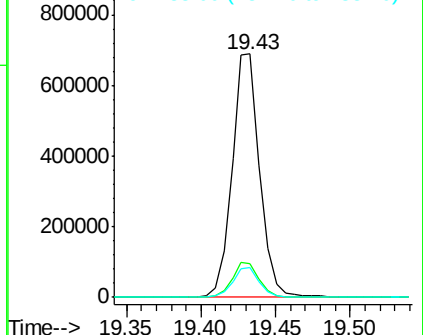
Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.0	18.0
183	12.1	9.5	14.3



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: 37.970 ng

RT: 19.60 min Scan# 2825

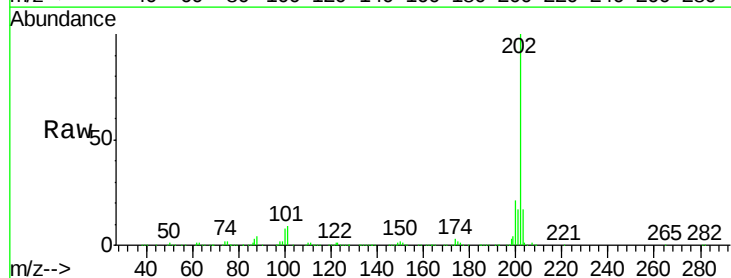
Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion:202 Resp: 1865731

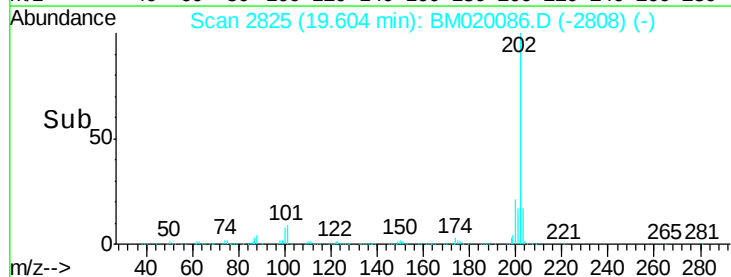
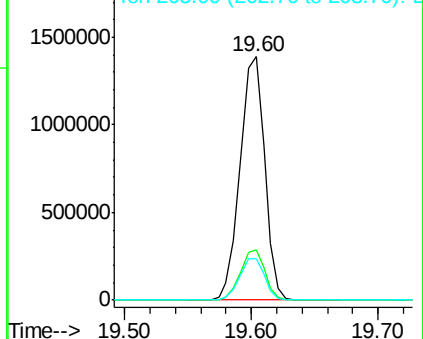
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.0	13.9	20.9

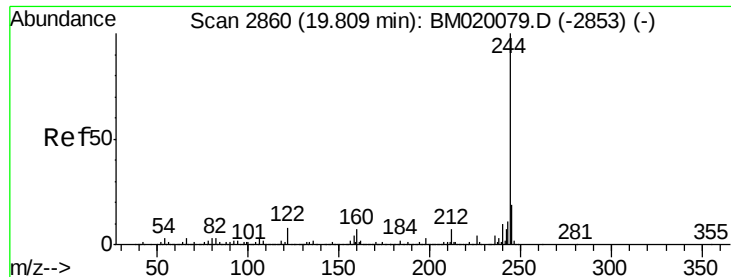


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.919 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

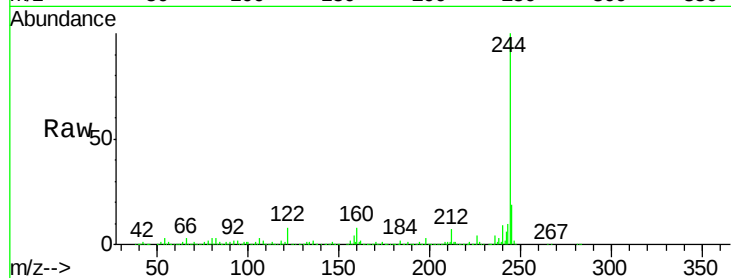
Tot Ion:244 Resp: 3185525

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

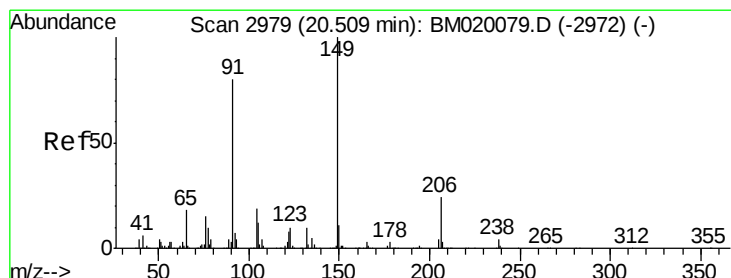
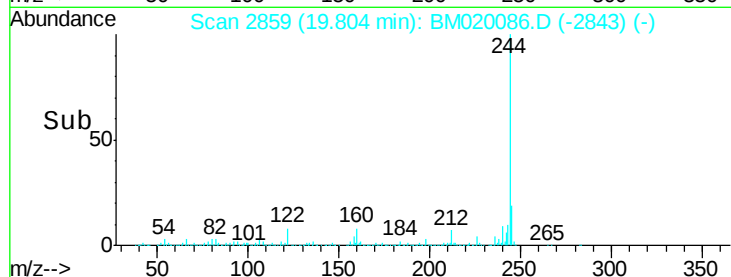
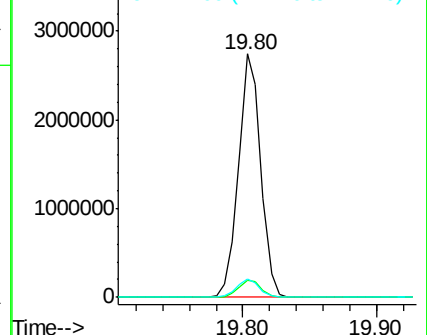
122 7.6 6.2 9.2



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: 38.003 ng

RT: 20.50 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

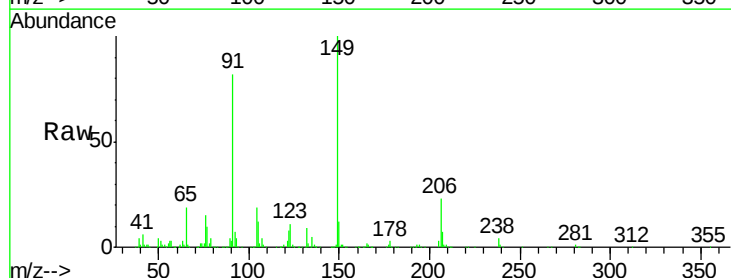
Tgt Ion:149 Resp: 679067

Ion Ratio Lower Upper

149 100

91 81.9 63.8 95.8

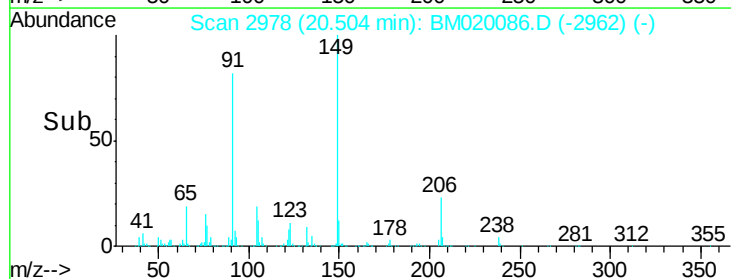
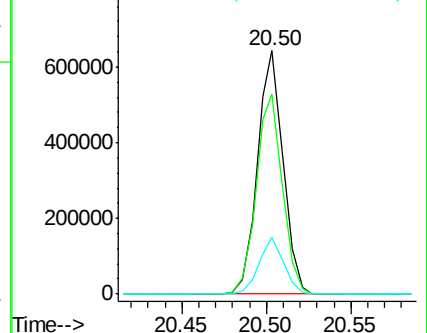
206 23.1 18.9 28.3

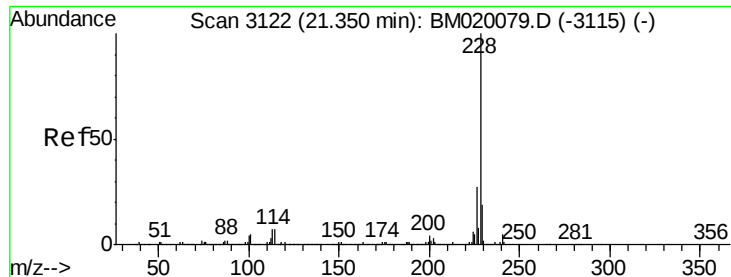


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.657 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

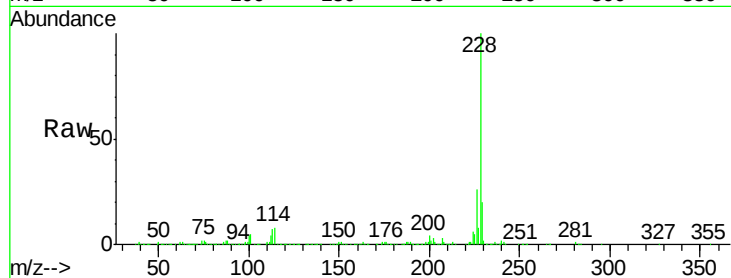
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1984123

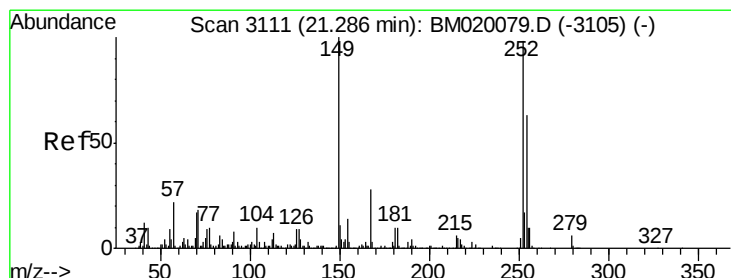
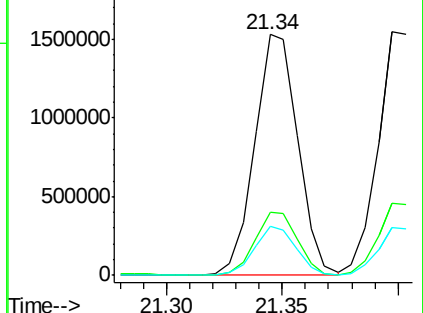
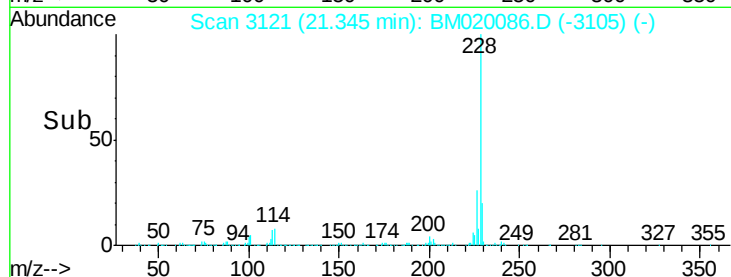
Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	20.1	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.966 ng

RT: 21.29 min Scan# 3111

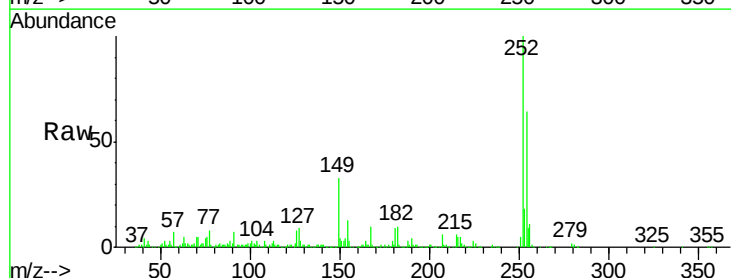
Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion:252 Resp: 763317

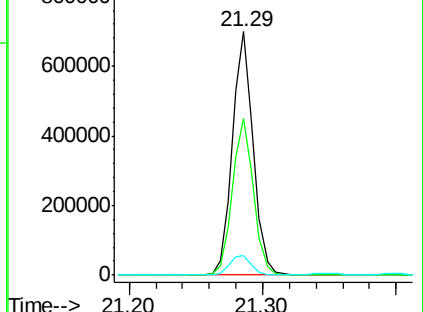
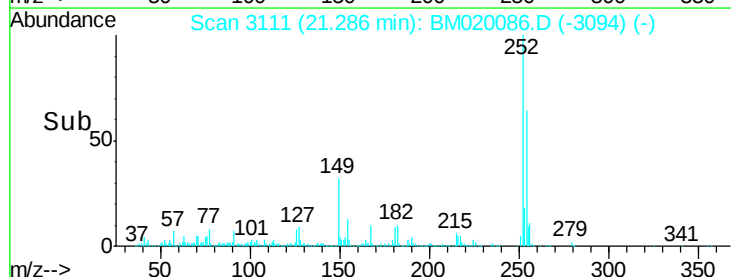
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.1	76.7
126	7.8	7.1	10.7

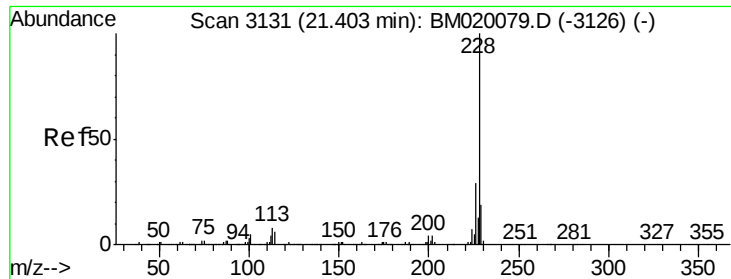


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.490 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

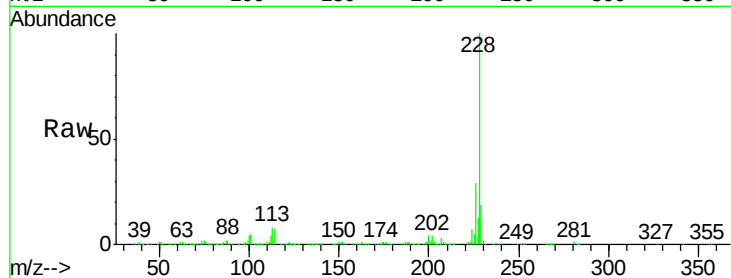
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1915937

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	19.4	15.5	23.3

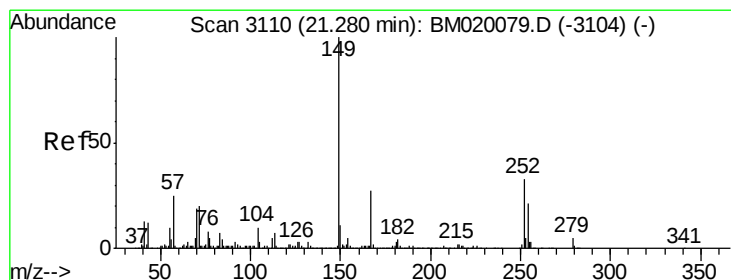
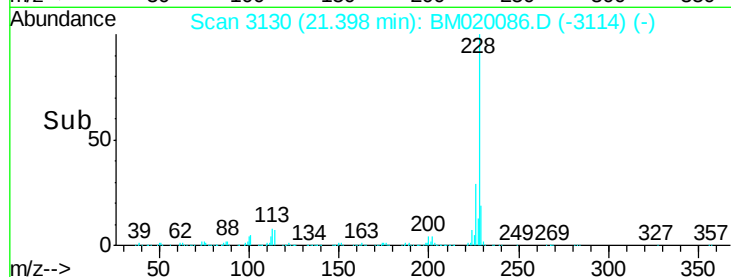
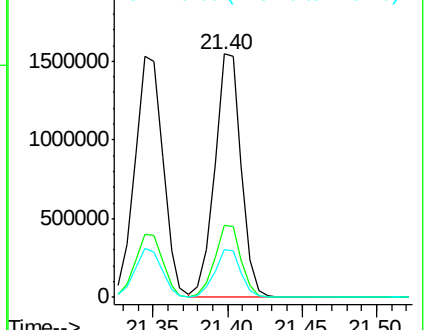


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.685 ng

RT: 21.27 min Scan# 3109

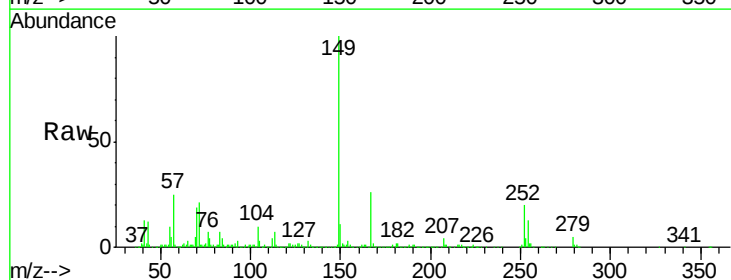
Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion:149 Resp: 1044919

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	5.3	4.2	6.2

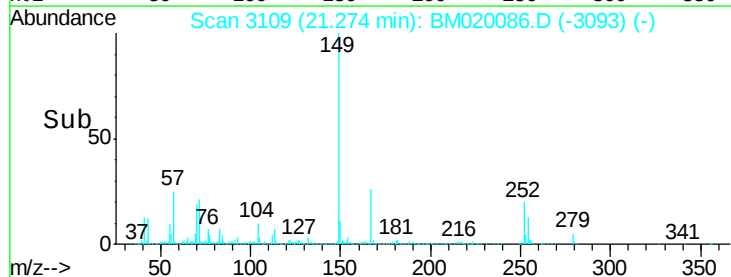
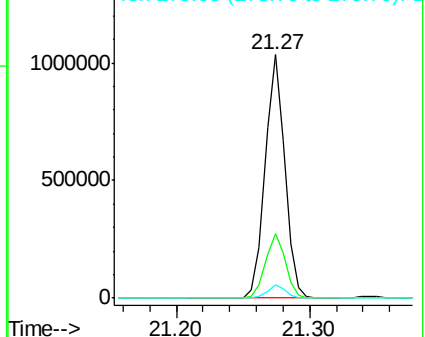


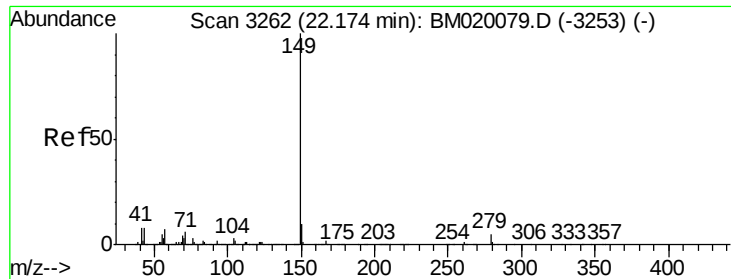
Abundance

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: 38.098 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampleId :

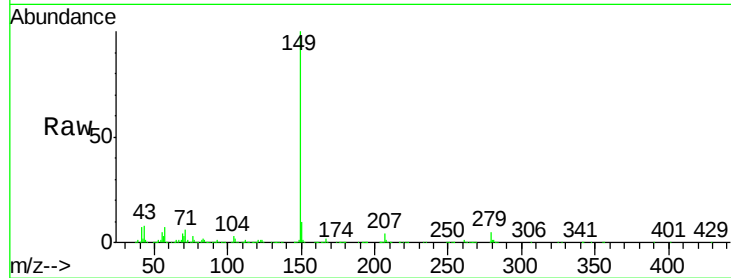
Tot Ion:149 Resp: 1755736

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

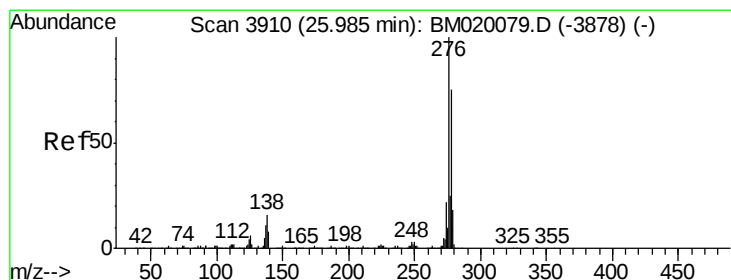
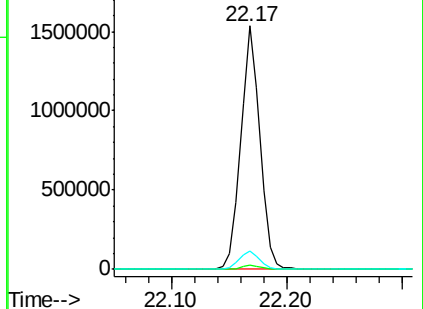
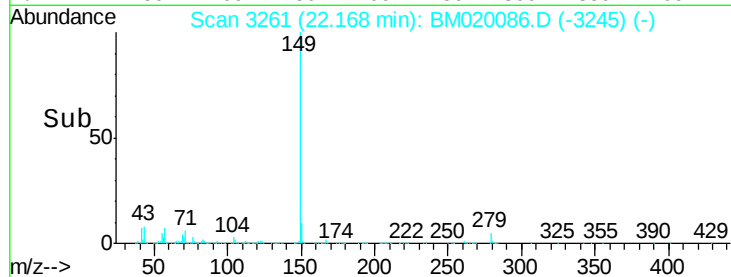
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.460 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

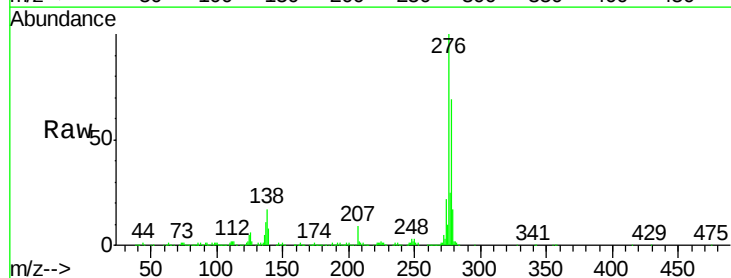
Tgt Ion:276 Resp: 2336375

Ion Ratio Lower Upper

276 100

138 16.7 0.0 0.0#

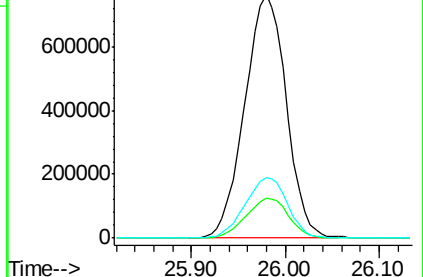
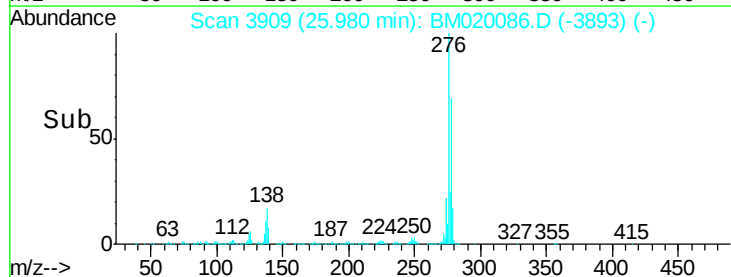
277 25.4 0.0 0.0#

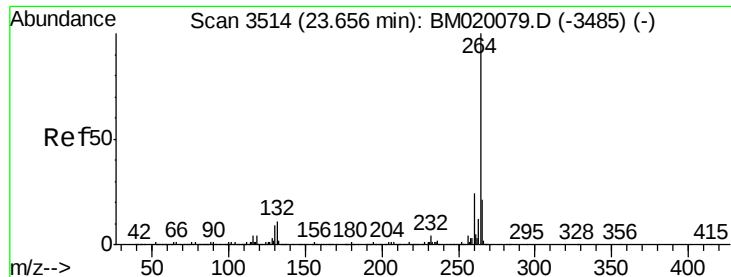


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

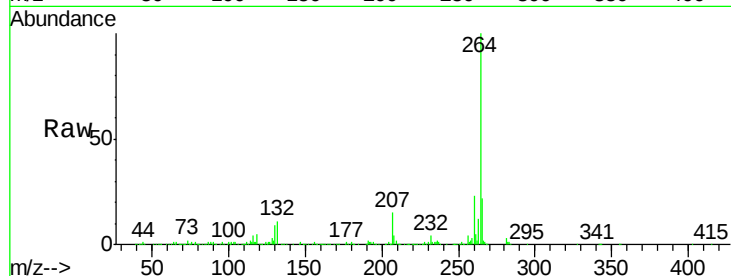
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 815944

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	16.9	25.3

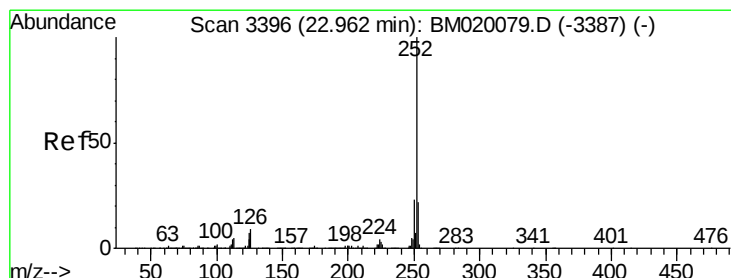
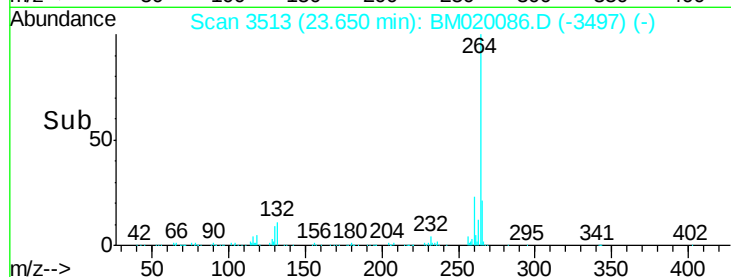
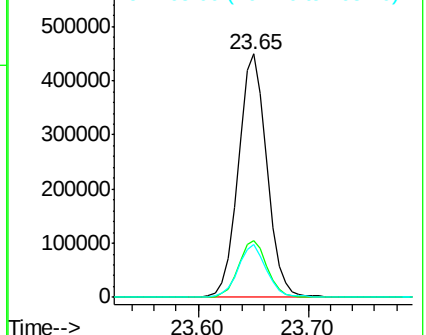


Abundance

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: 37.558 ng

RT: 22.96 min Scan# 3396

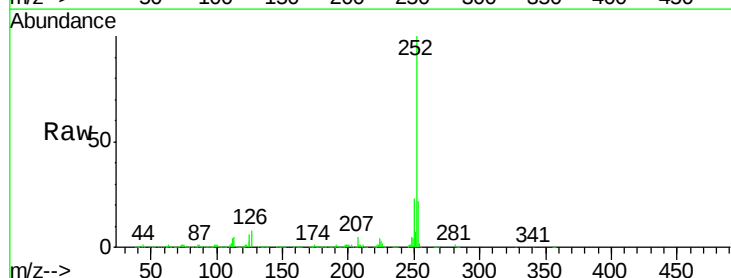
Delta R.T. 0.00 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Tgt Ion:252 Resp: 2023661

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.5	5.4	8.2

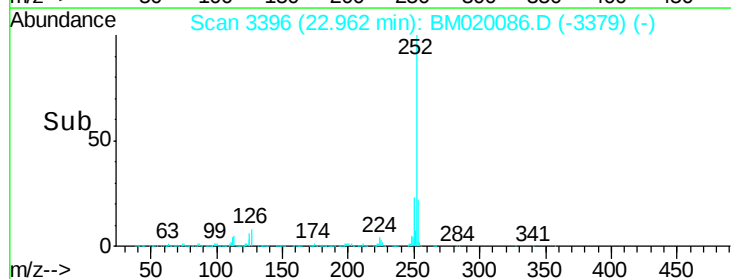
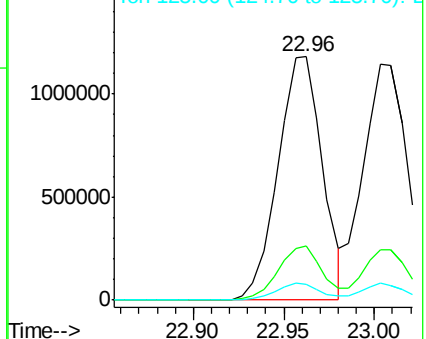


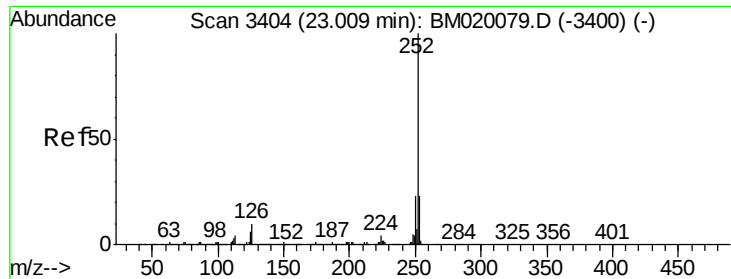
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

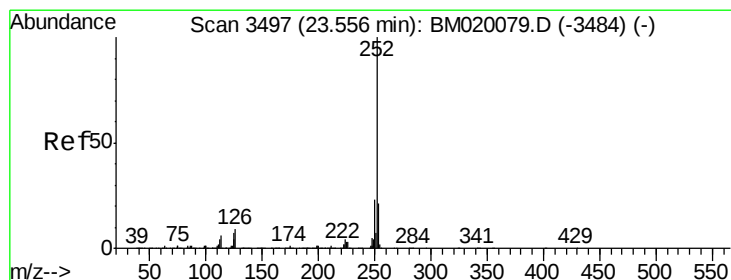
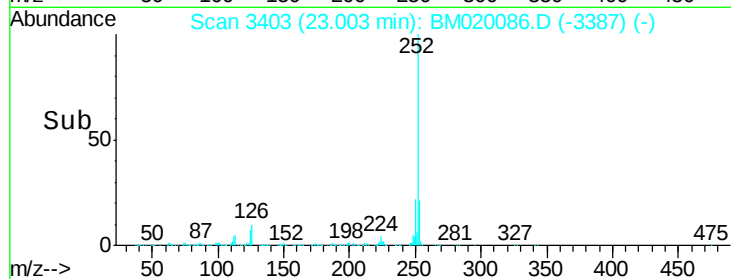
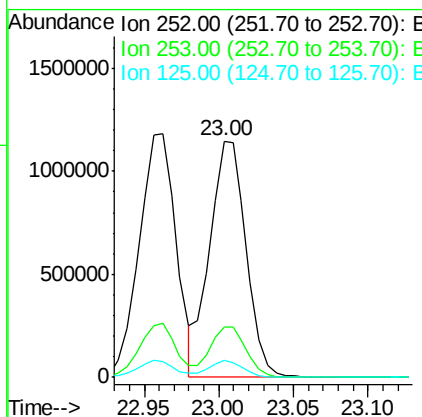
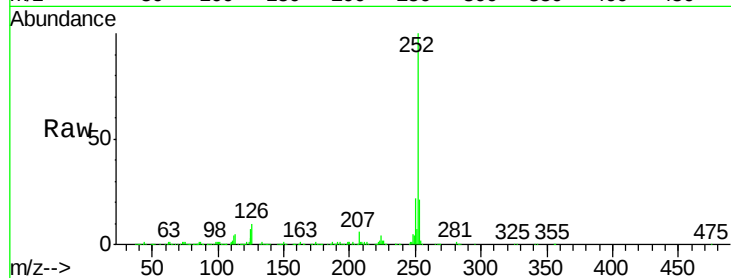




#89
Benzo(k)fluoranthene
Concen: 39.605 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

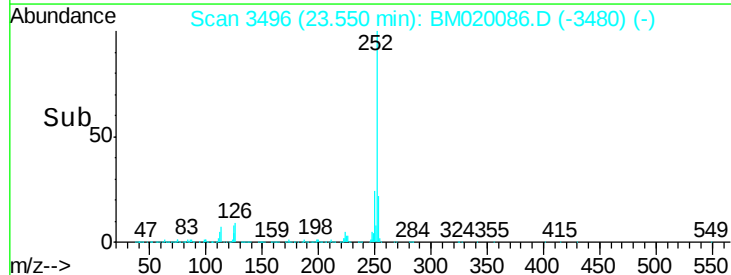
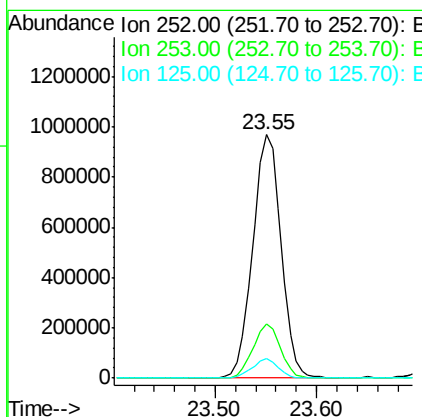
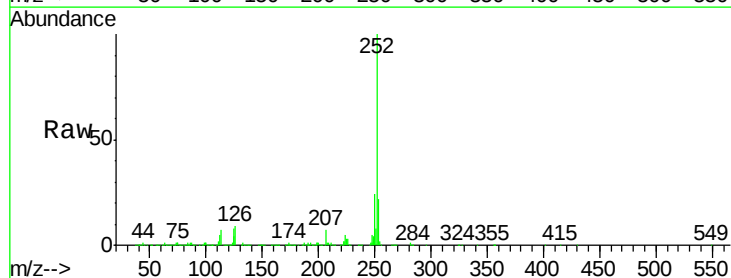
Instrument :
BNA_M
ClientSampleId :

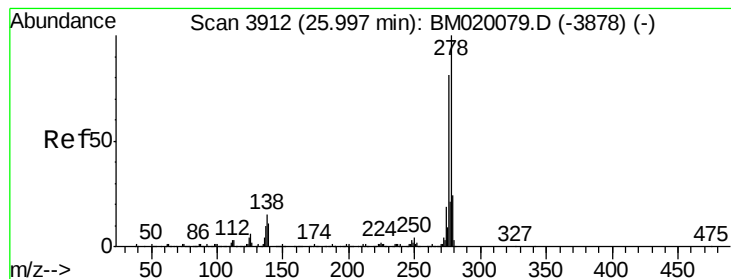
Tot Ion:252 Resp: 1946560
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 7.2 5.4 8.0



#90
Benzo(a)pyrene
Concen: 38.283 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020086.D
Acq: 01 May 2019 12:36

Tgt Ion:252 Resp: 1873630
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 7.9 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 38.425 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

Instrument :

BNA_M

ClientSampled :

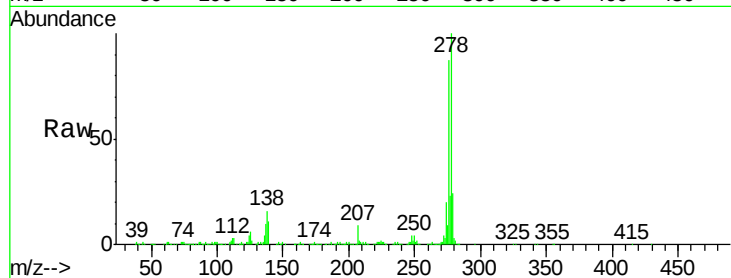
Tot Ion:278 Resp: 1955686

Ion Ratio Lower Upper

278 100

139 11.3 8.6 13.0

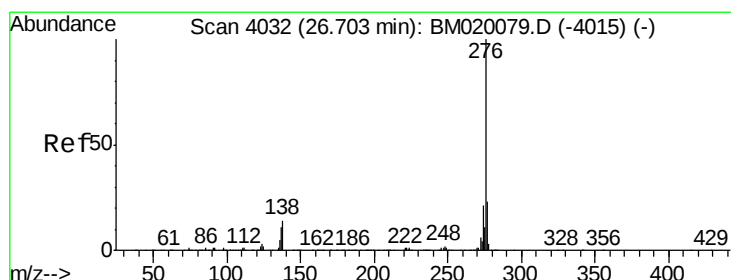
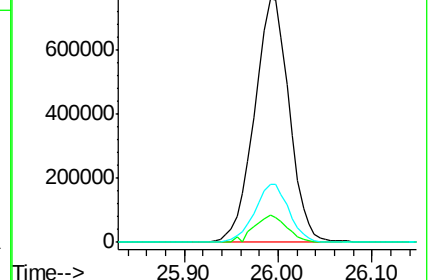
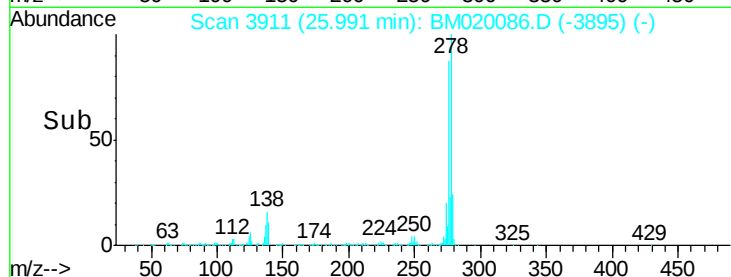
279 23.7 18.8 28.2



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: 38.488 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020086.D

Acq: 01 May 2019 12:36

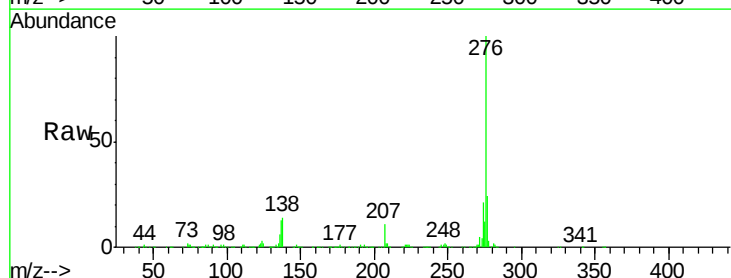
Tgt Ion:276 Resp: 1859803

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 14.0 11.1 16.7



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

