

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020095.D
 Acq On : 01 May 2019 18:04
 Operator : JU/SJ
 Sample : IDOCSOIL-HP1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:30:34 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	118313	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	431154	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	258378	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	576690	20.00	ng	0.00
76) Chrysene-d12	21.36	240	563660	20.00	ng	0.00
87) Perylene-d12	23.64	264	547468	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	978031	135.12	ng	0.00
7) Phenol-d6	6.95	99	1305363	132.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	825224	75.56	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	529256	131.97	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1581816	75.32	ng	0.00
79) Terphenyl-d14	19.80	244	2523385	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	127182	35.827	ng	95
3) Pyridine	3.70	79	325855	35.891	ng	100
4) n-Nitrosodimethylamine	3.62	42	111960	38.456	ng	89
6) Aniline	7.12	93	357103	28.689	ng	98
8) 2-Chlorophenol	7.35	128	298416	37.864	ng	99
9) Benzaldehyde	6.94	77	215264	28.763	ng	97
10) Phenol	6.98	94	402029	37.767	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	283818	36.683	ng	98
12) 1,3-Dichlorobenzene	7.67	146	339317	37.004	ng	98
13) 1,4-Dichlorobenzene	7.83	146	343409	37.073	ng	94
14) 1,2-Dichlorobenzene	8.14	146	324758	36.799	ng	99
15) Benzyl Alcohol	8.03	79	346273	36.316	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	231773	36.127	ng	94
17) 2-Methylphenol	8.22	107	261028	38.092	ng	98
18) Hexachloroethane	8.86	117	139777	36.189	ng	95
19) n-Nitroso-di-n-propylamine	8.60	70	292725	34.602	ng	98
20) 3+4-Methylphenols	8.55	107	340736	37.413	ng	98
22) Acetophenone	8.62	105	481767	40.885	ng	# 98
24) Nitrobenzene	9.00	77	440217	38.878	ng	99
25) Isophorone	9.52	82	720693	38.268	ng	99
26) 2-Nitrophenol	9.70	139	140186	41.009	ng	96
27) 2,4-Dimethylphenol	9.75	122	258215	45.371	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	390599	38.081	ng	99
29) 2,4-Dichlorophenol	10.23	162	289983	40.408	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	357048	40.435	ng	97
31) Naphthalene	10.63	128	868078	38.798	ng	99
32) Benzoic acid	9.87	122	138677	36.141	ng	93
33) 4-Chloroaniline	10.75	127	192446	20.898	ng	98
34) Hexachlorobutadiene	10.90	225	242648	38.845	ng	94
35) Caprolactam	11.53	113	71755	33.439	ng	# 87
36) 4-Chloro-3-methylphenol	11.86	107	313314	37.152	ng	92
37) 2-Methylnaphthalene	12.25	142	648159	39.736	ng	98
38) 1-Methylnaphthalene	12.47	142	610697	38.287	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	410830	40.641	ng	98

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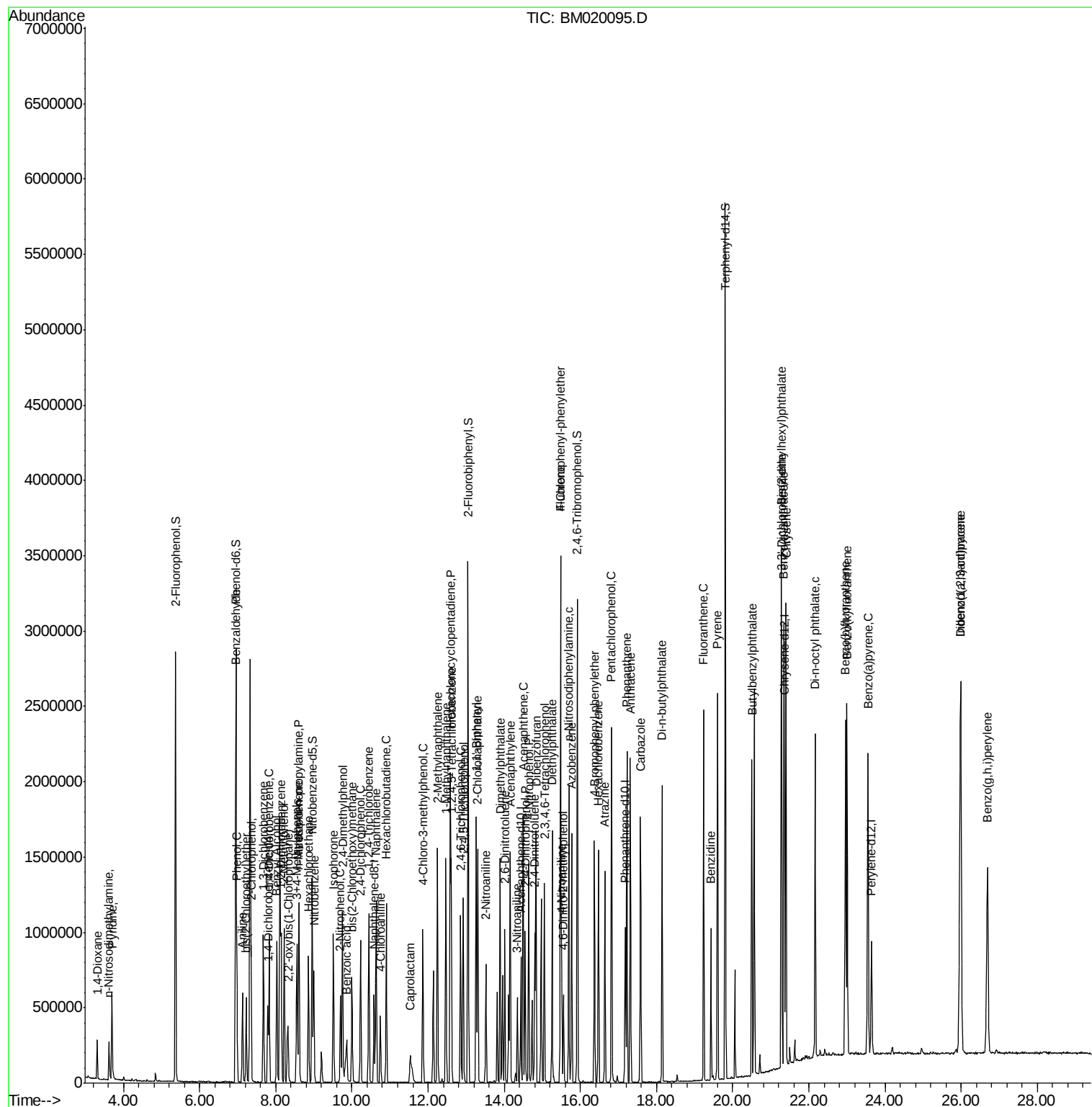
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	540834	90.865	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	243032	42.303	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	257878	40.180	ng	95
46) 1,1'-Biphenyl	13.26	154	826791	38.877	ng	98
47) 2-Chloronaphthalene	13.30	162	673814	39.683	ng	99
48) 2-Nitroaniline	13.52	65	225263	37.264	ng	96
49) Acenaphthylene	14.16	152	1015438	37.367	ng	99
50) Dimethylphthalate	13.89	163	819084	37.299	ng	100
51) 2,6-Dinitrotoluene	14.02	165	173896	37.597	ng	99
52) Acenaphthene	14.50	154	593611	38.092	ng	99
53) 3-Nitroaniline	14.35	138	99325	23.138	ng	94
54) 2,4-Dinitrophenol	14.55	184	178806	77.477	ng	94
55) Dibenzofuran	14.83	168	1006495	38.291	ng	99
56) 4-Nitrophenol	14.64	139	279789	76.390	ng	98
57) 2,4-Dinitrotoluene	14.80	165	233850	37.208	ng	99
58) Fluorene	15.48	166	789686	36.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	240247	39.391	ng	99
60) Diethylphthalate	15.26	149	802997	36.294	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	463170	37.866	ng	100
62) 4-Nitroaniline	15.51	138	158371	33.429	ng	95
63) Azobenzene	15.77	77	940512	36.034	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	109068	39.053	ng	98
66) n-Nitrosodiphenylamine	15.69	169	690364	40.683	ng	96
67) 4-Bromophenyl-phenylether	16.37	248	281906	39.864	ng	99
68) Hexachlorobenzene	16.47	284	321950	39.563	ng	97
69) Atrazine	16.64	200	251948	37.992	ng	99
70) Pentachlorophenol	16.82	266	391226	84.025	ng	97
71) Phenanthrene	17.22	178	1235404	38.808	ng	99
72) Anthracene	17.31	178	1260050	39.589	ng	98
73) Carbazole	17.59	167	1081377	37.654	ng	98
74) Di-n-butylphthalate	18.14	149	1287344	37.248	ng	98
75) Fluoranthene	19.24	202	1473923	36.594	ng	99
77) Benzidine	19.43	184	493349	27.377	ng	99
78) Pyrene	19.60	202	1503980	39.742	ng	99
80) Butylbenzylphthalate	20.50	149	543631	39.503	ng	99
81) Benzo(a)anthracene	21.34	228	1470553	37.201	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	505195	33.485	ng	97
83) Chrysene	21.40	228	1459175	38.062	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	816250	38.223	ng	99
85) Di-n-octyl phthalate	22.17	149	1361232	38.352	ng	99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1940984	42.565	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1593125	44.068	ng	100
89) Benzo(k)fluoranthene	23.00	252	1543019	46.790	ng	98
90) Benzo(a)pyrene	23.55	252	1534077	46.717	ng	100
91) Dibenzo(a,h)anthracene	25.99	278	1665976	48.785	ng	99
92) Benzo(g,h,i)perylene	26.69	276	1621743	50.020	ng	98

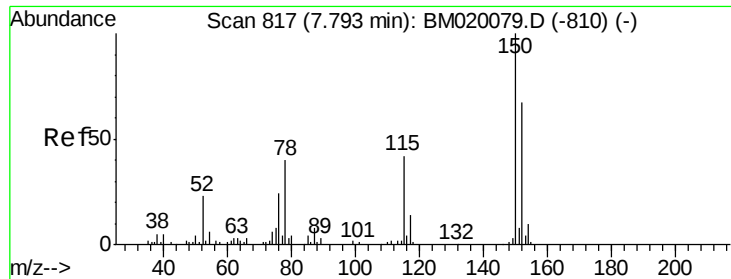
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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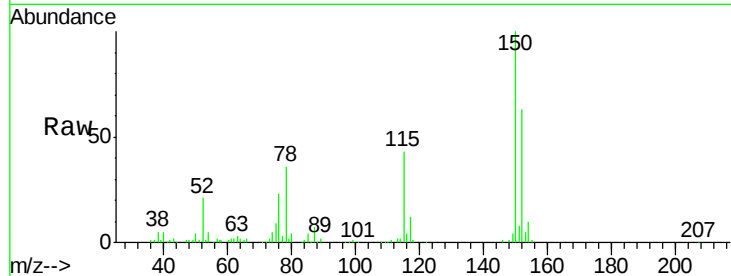


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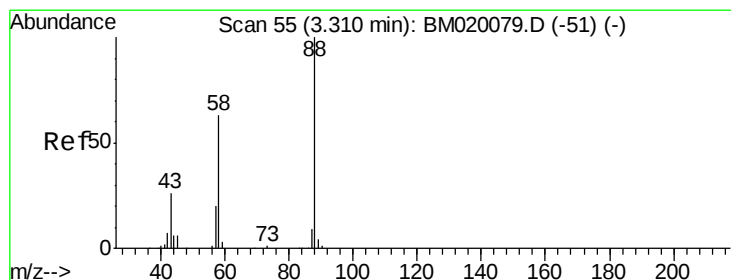
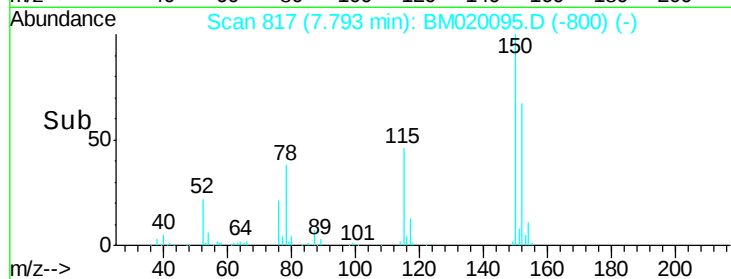
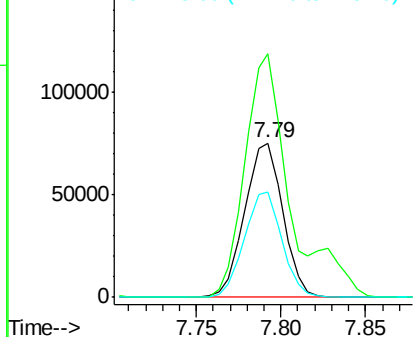
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 118313
Ion Ratio Lower Upper
152 100
150 158.0 119.8 179.8
115 68.7 50.8 76.2



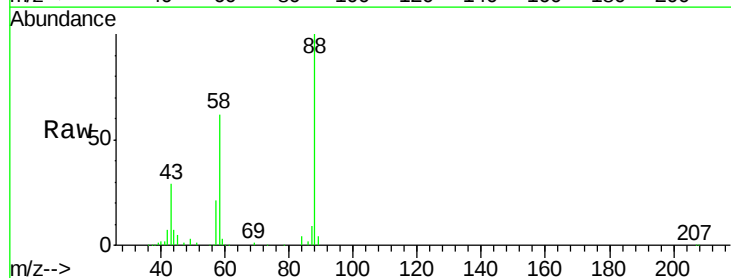
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



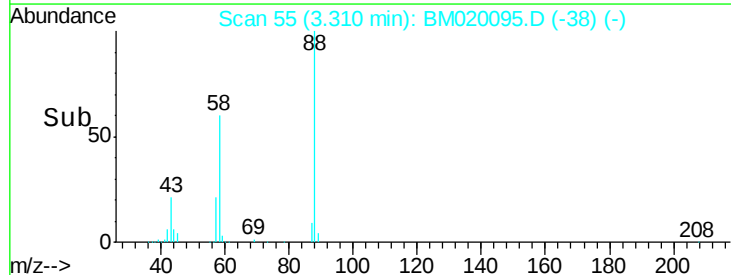
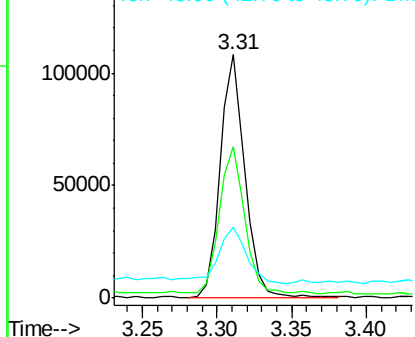
#2

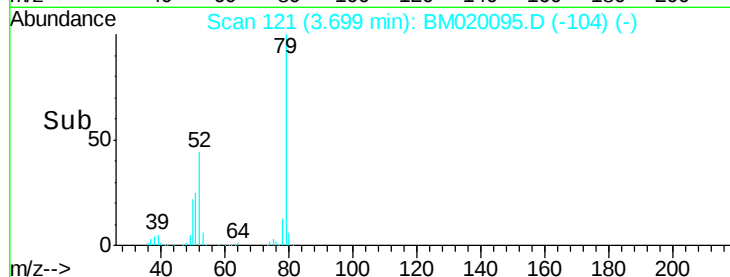
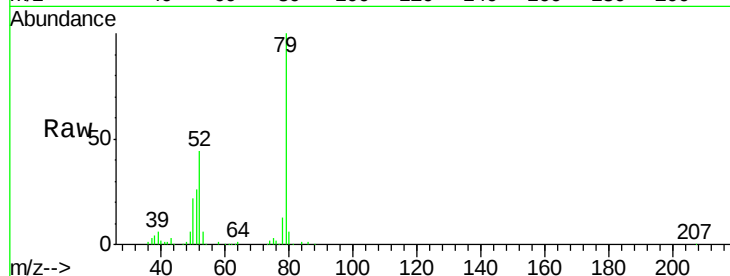
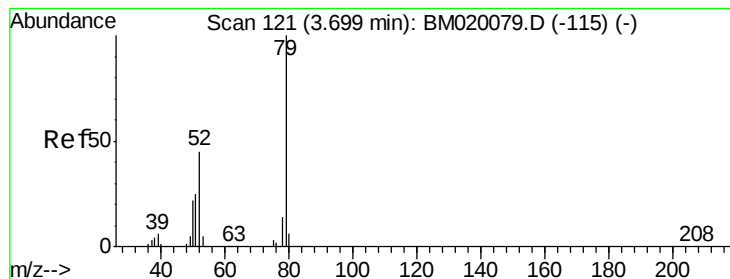
1,4-Dioxane
Concen: 35.827 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion: 88 Resp: 127182
Ion Ratio Lower Upper
88 100
58 59.8 51.8 77.6
43 26.0 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: 35.891 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

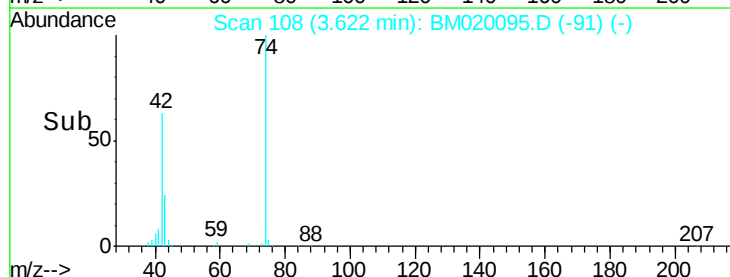
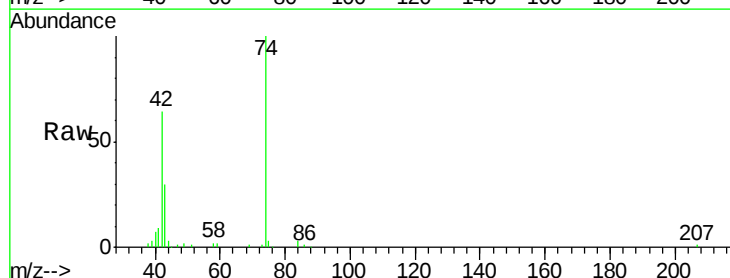
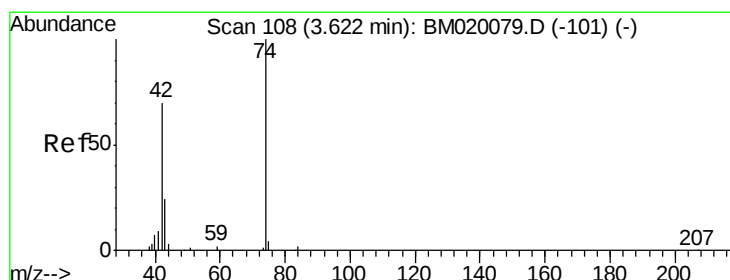
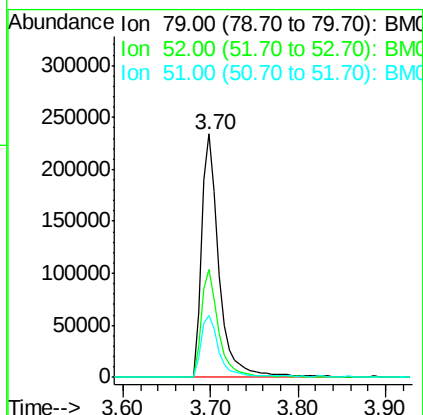
Tot Ion: 79 Resp: 325855

Ion Ratio Lower Upper

79 100

52 44.4 35.7 53.5

51 25.7 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

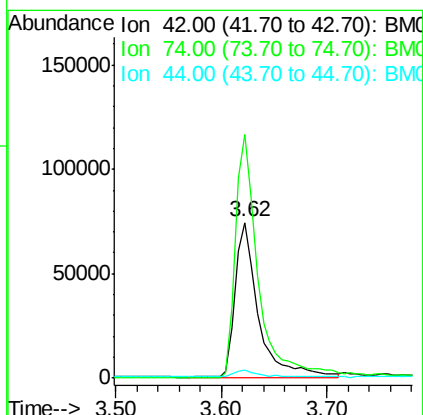
Tgt Ion: 42 Resp: 111960

Ion Ratio Lower Upper

42 100

74 156.4 113.7 170.5

44 5.0 3.9 5.9





#5

2-Fluorophenol

Concen: 135.123 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

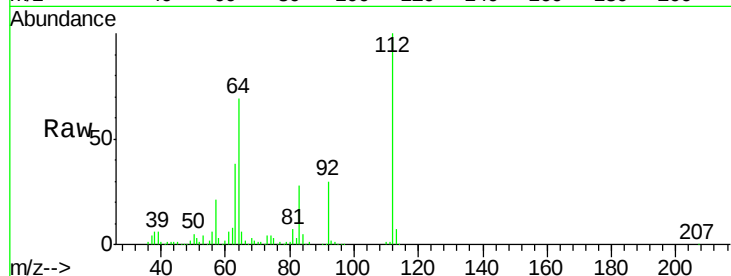
Tot Ion:112 Resp: 978031

Ion Ratio Lower Upper

112 100

64 68.9 53.8 80.6

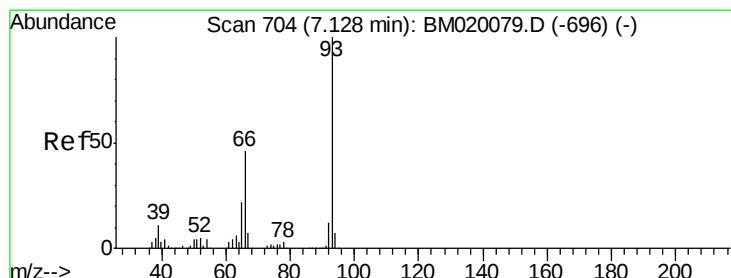
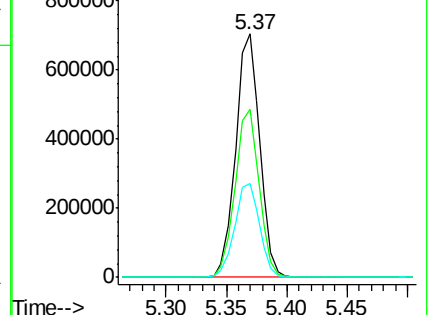
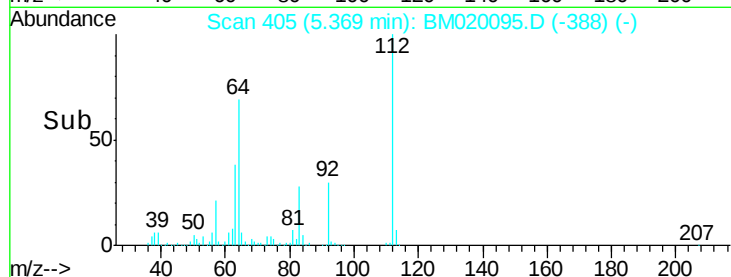
63 38.4 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 28.689 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

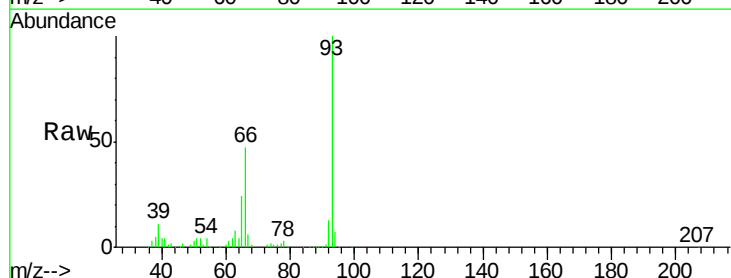
Tgt Ion: 93 Resp: 357103

Ion Ratio Lower Upper

93 100

66 46.6 36.6 54.8

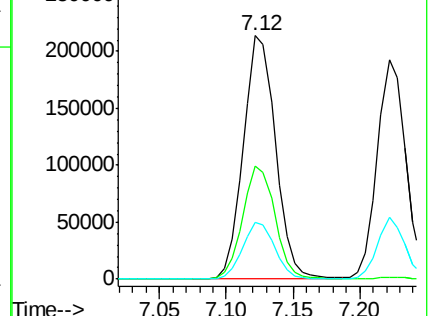
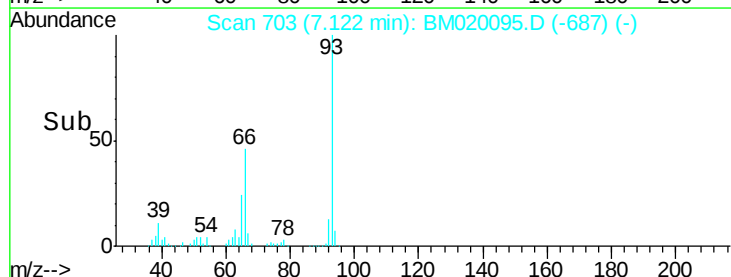
65 23.5 17.8 26.6

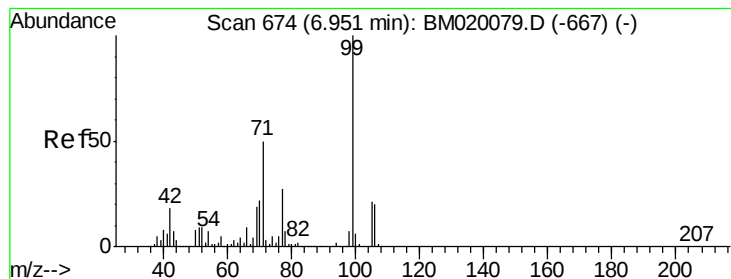


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 132.012 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

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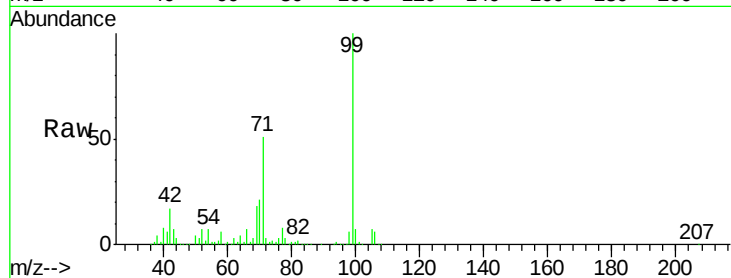
Tot Ion: 99 Resp: 1305363

Ion Ratio Lower Upper

99 100

42 16.8 14.2 21.2

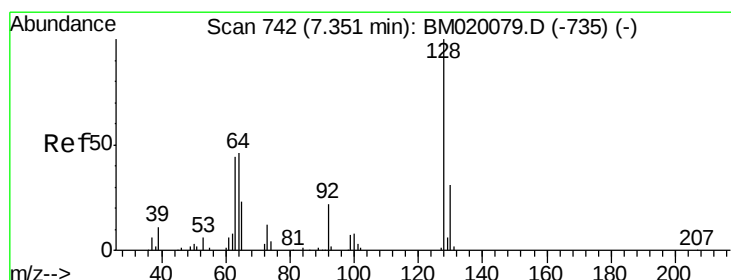
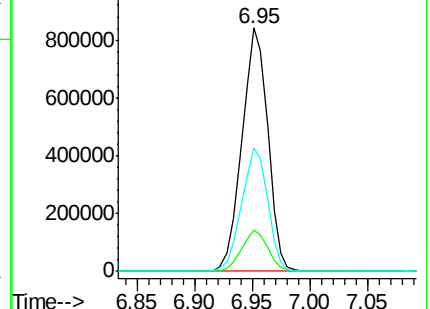
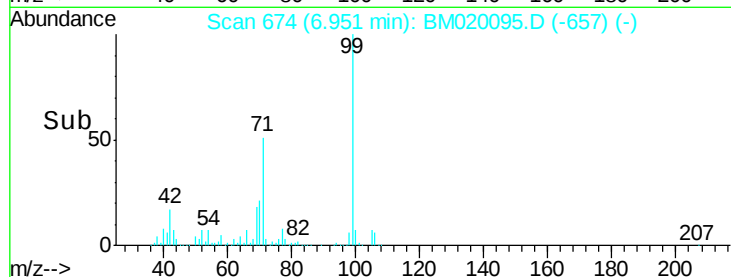
71 50.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 37.864 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

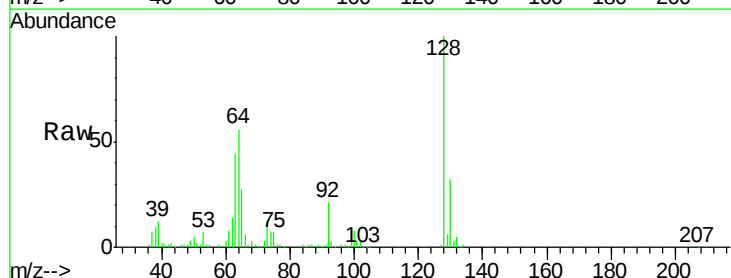
Tgt Ion: 128 Resp: 298416

Ion Ratio Lower Upper

128 100

130 31.6 10.8 50.8

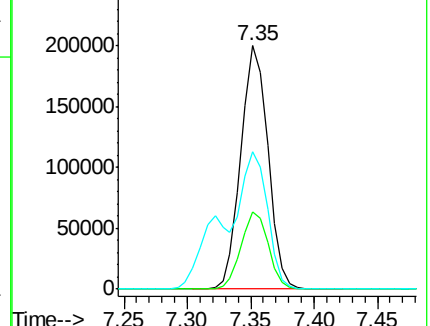
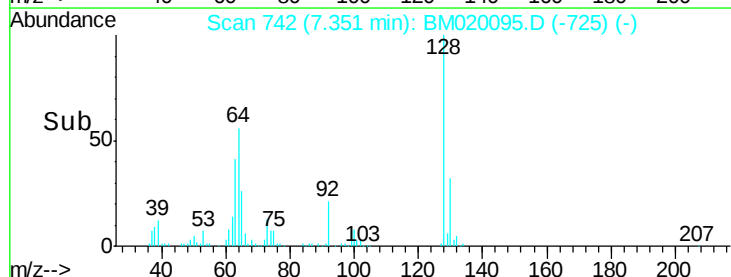
64 56.5 36.5 76.5

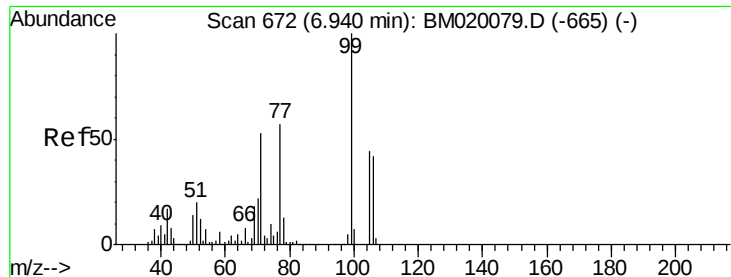


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 28.763 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

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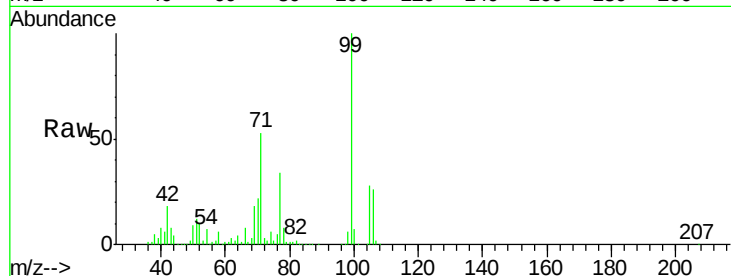
Tot Ion: 77 Resp: 215264

Ion Ratio Lower Upper

77 100

105 81.1 57.8 97.8

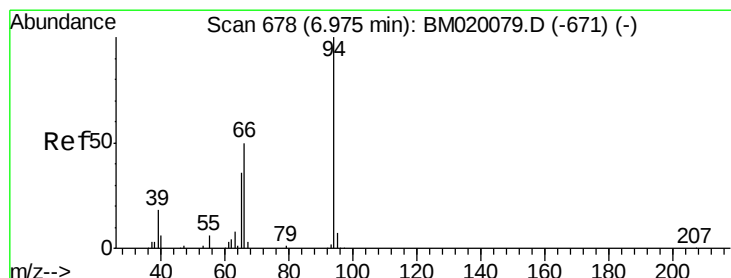
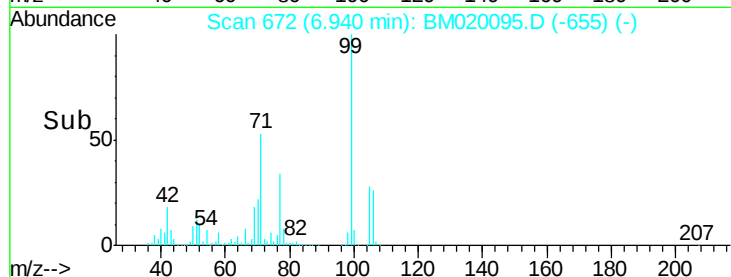
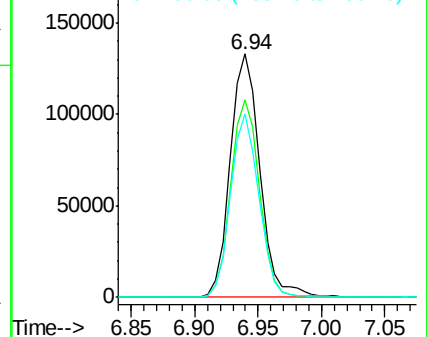
106 75.3 53.6 93.6



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: 37.767 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

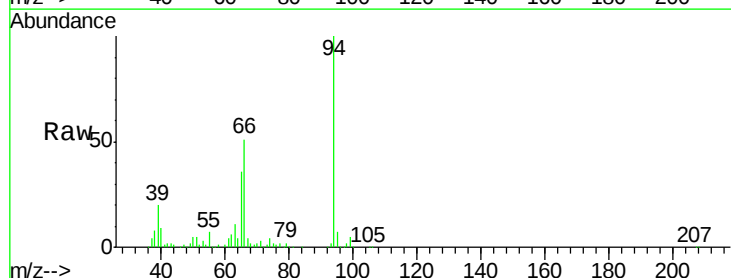
Tgt Ion: 94 Resp: 402029

Ion Ratio Lower Upper

94 100

65 36.2 17.0 57.0

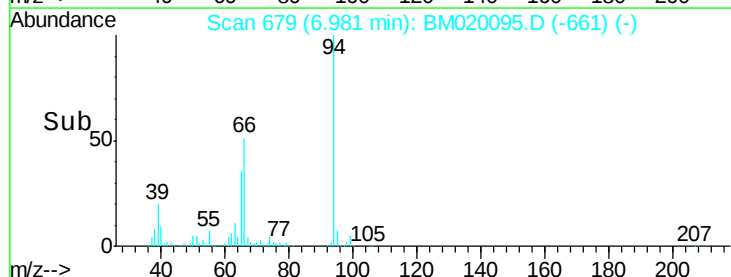
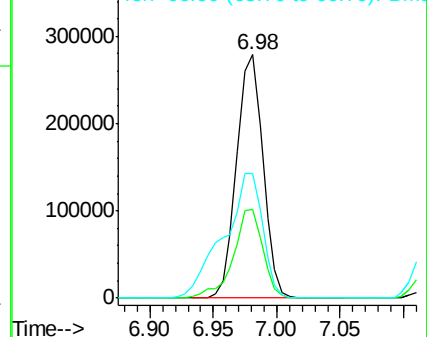
66 51.3 34.5 74.5

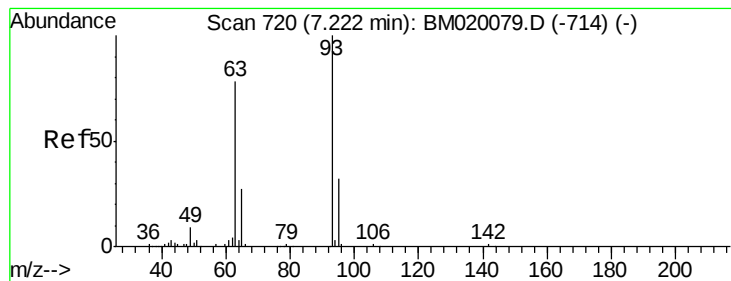


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

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

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

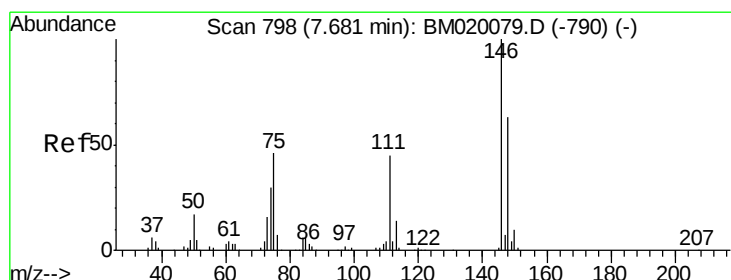
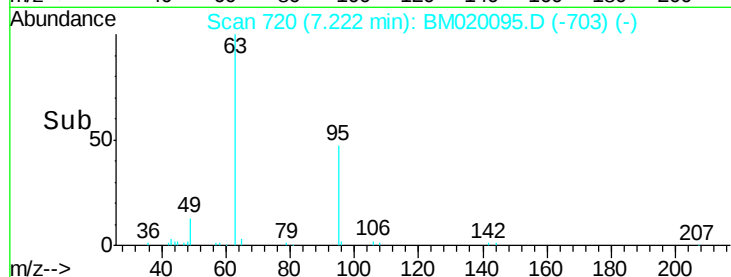
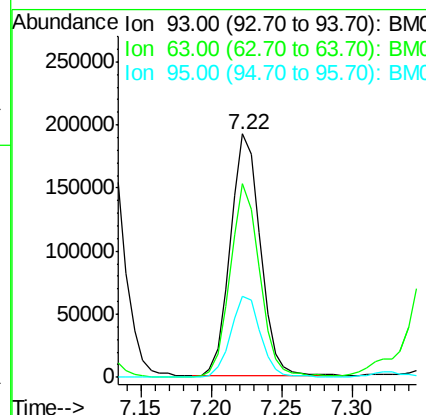
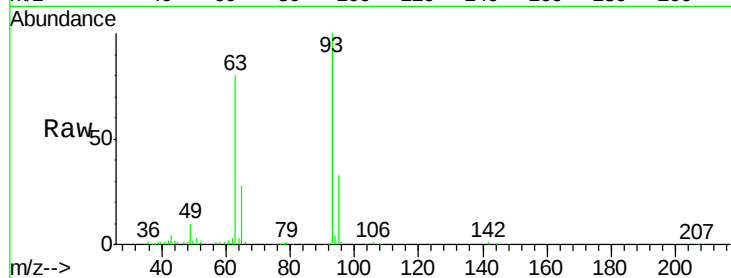




#11
bis(2-Chloroethyl)ether
Concen: 36.683 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

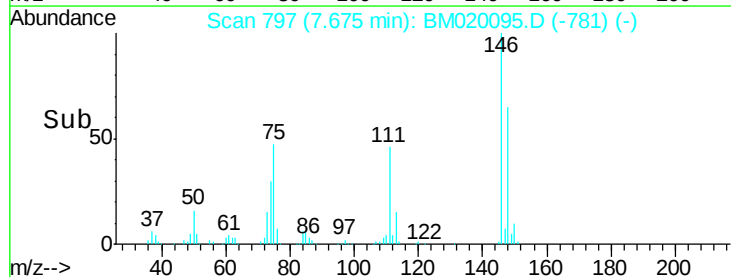
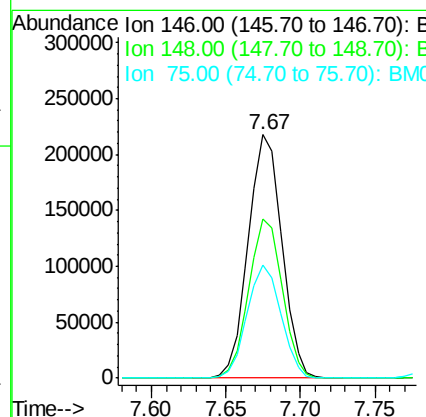
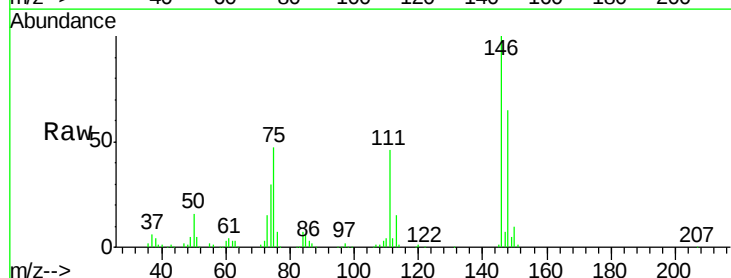
Instrument :
BNA_M
ClientSampled :

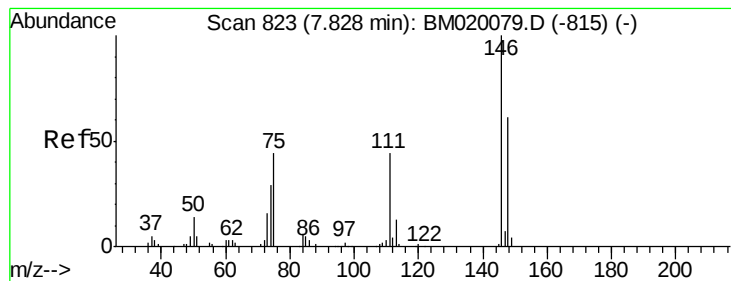
Tot Ion	93	Resp	283818
Ion	Ratio	Lower	Upper
93	100		
63	79.6	57.9	97.9
95	33.4	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 37.004 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	146	Resp	339317
Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.1	75.1
75	46.5	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 37.073 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

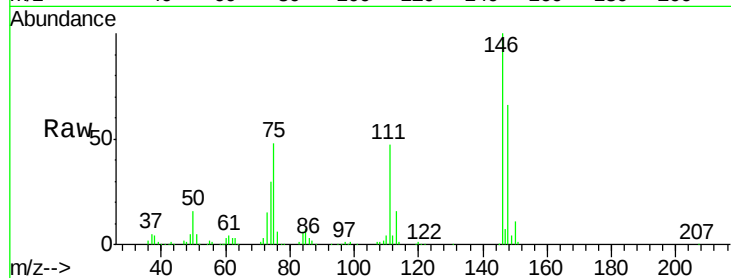
Tot Ion:146 Resp: 343409

Ion Ratio Lower Upper

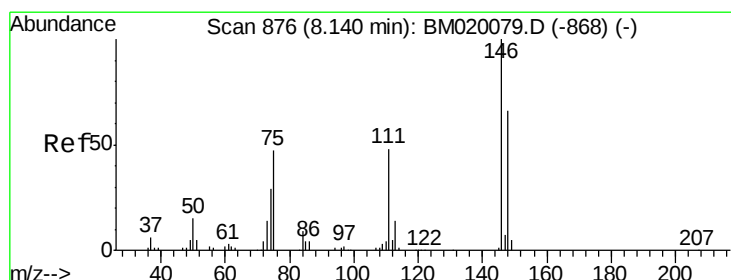
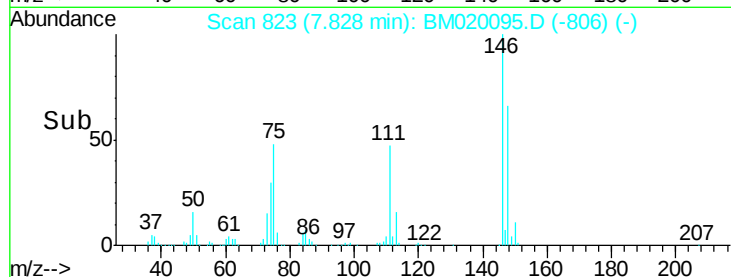
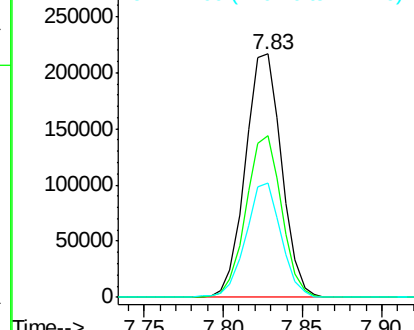
146 100

148 66.4 48.5 72.7

111 46.8 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: 36.799 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

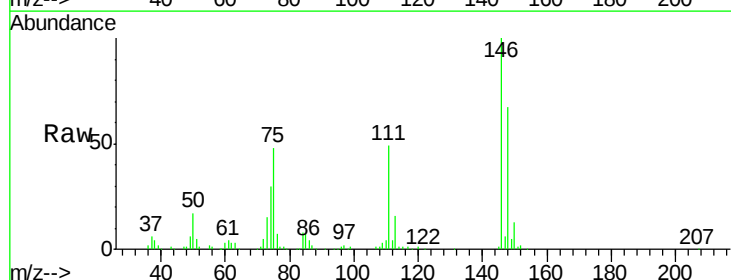
Tgt Ion:146 Resp: 324758

Ion Ratio Lower Upper

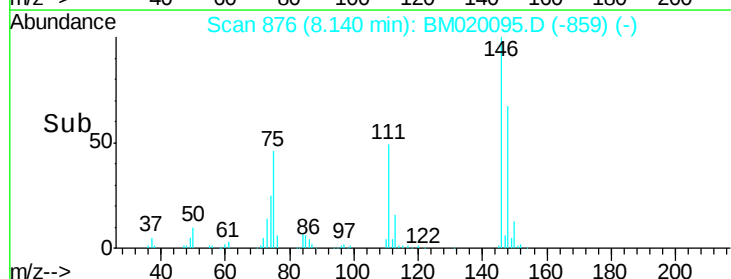
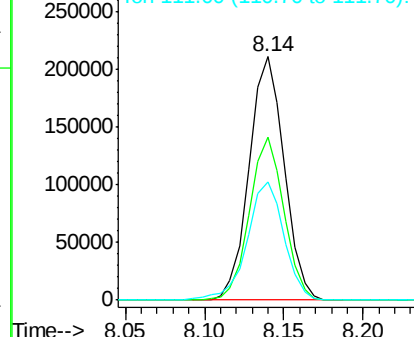
146 100

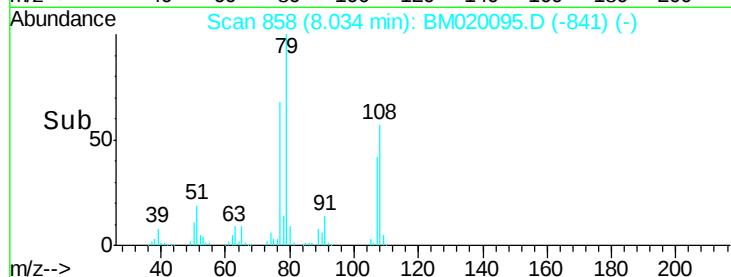
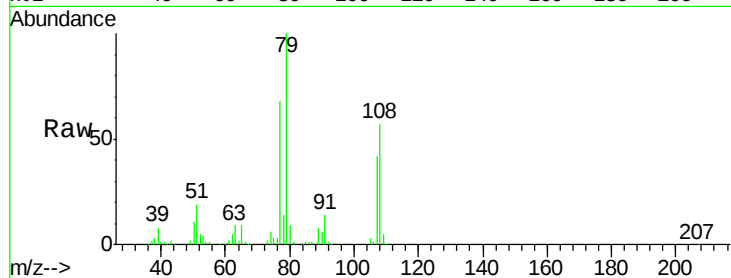
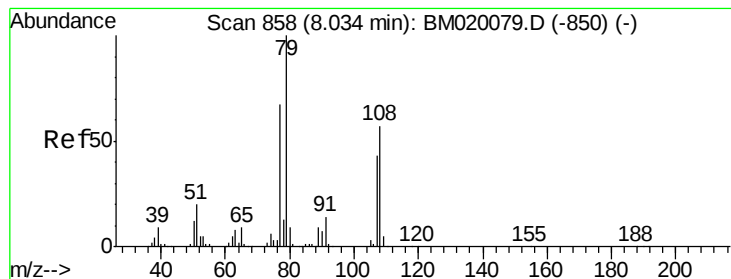
148 67.0 52.6 79.0

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: 36.316 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

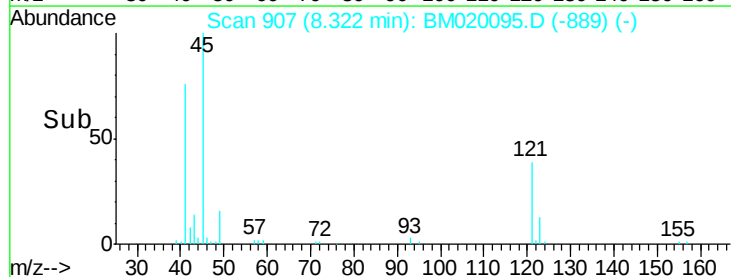
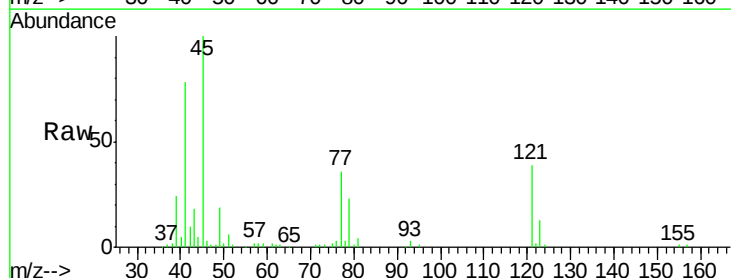
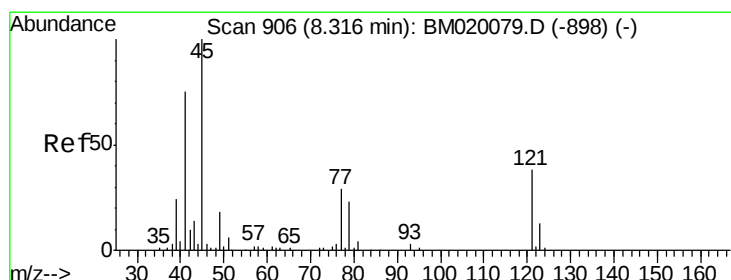
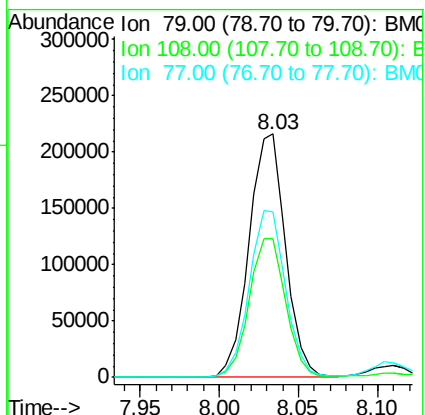
Tot Ion: 79 Resp: 346273

Ion Ratio Lower Upper

79 100

108 57.1 46.0 69.0

77 67.9 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.127 ng

RT: 8.32 min Scan# 907

Delta R.T. 0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

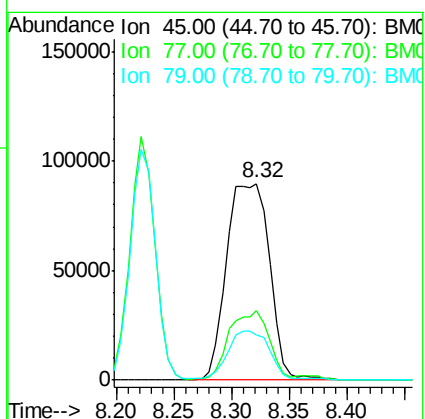
Tgt Ion: 45 Resp: 231773

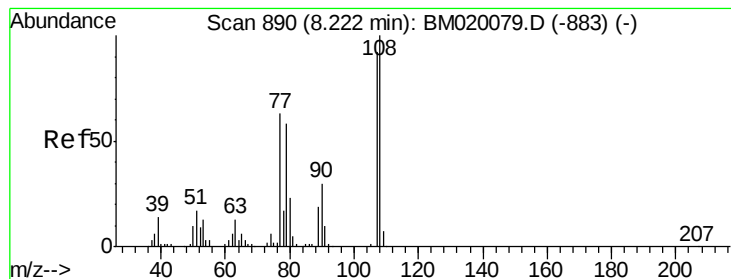
Ion Ratio Lower Upper

45 100

77 35.6 10.5 50.5

79 22.8 3.3 43.3





#17

2-Methylphenol

Concen: 38.092 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleID :

Tot Ion:107 Resp: 261028

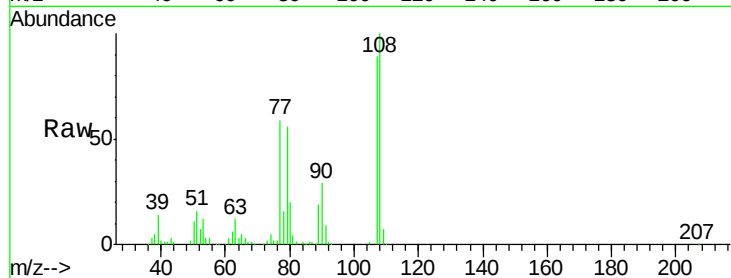
Ion Ratio Lower Upper

107 100

108 112.2 87.0 130.4

77 66.4 54.7 82.1

79 63.1 50.1 75.1



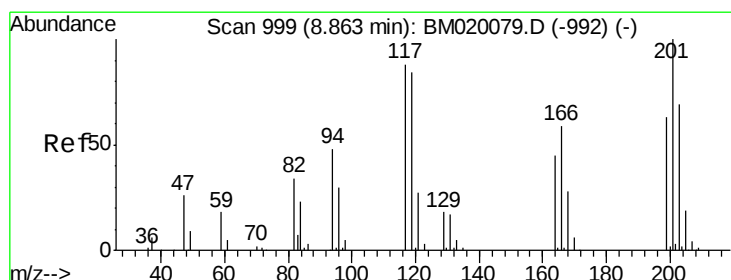
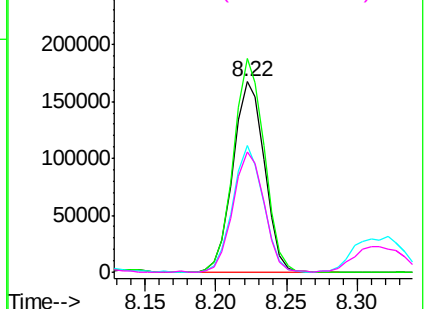
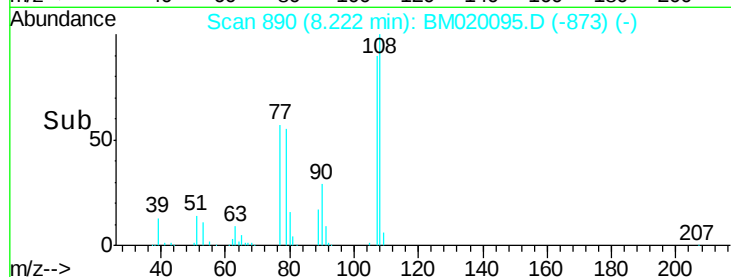
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 36.189 ng

RT: 8.86 min Scan# 999

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

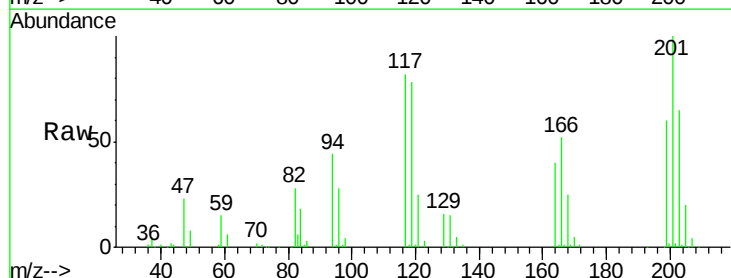
Tgt Ion:117 Resp: 139777

Ion Ratio Lower Upper

117 100

119 94.7 76.6 114.8

201 122.0 90.7 136.1

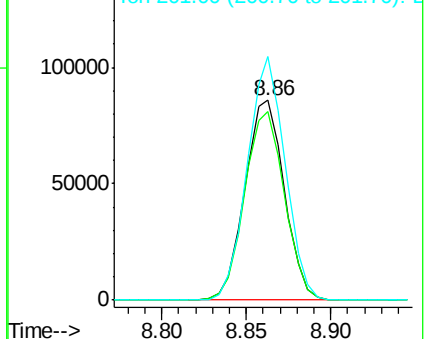
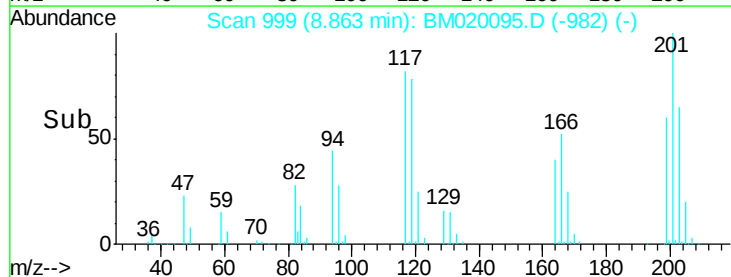


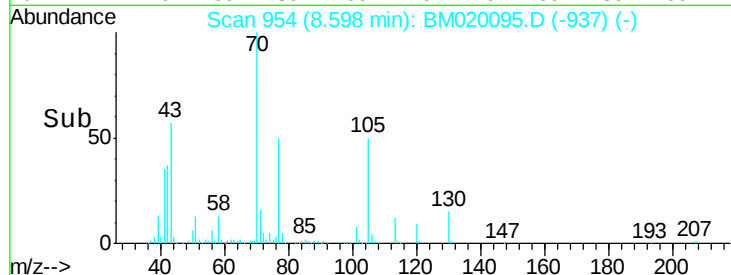
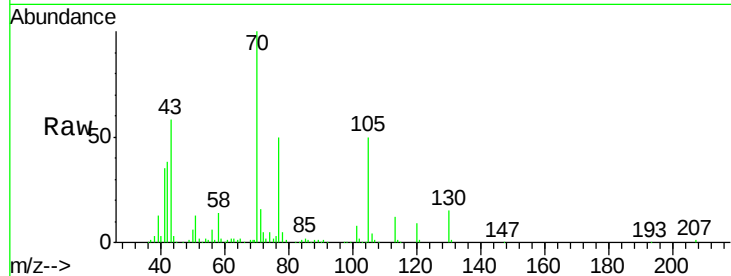
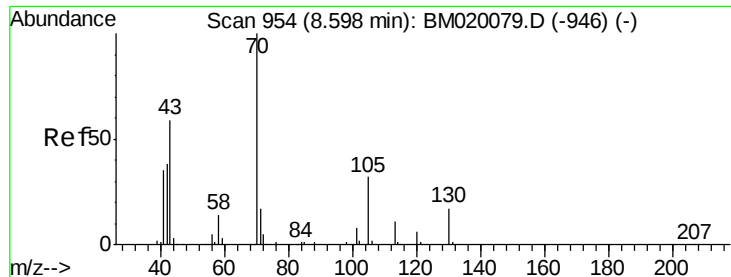
Abundance

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

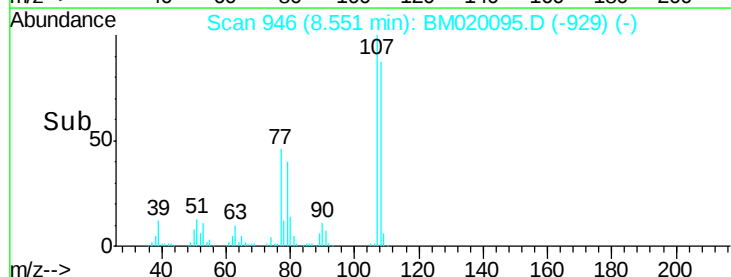
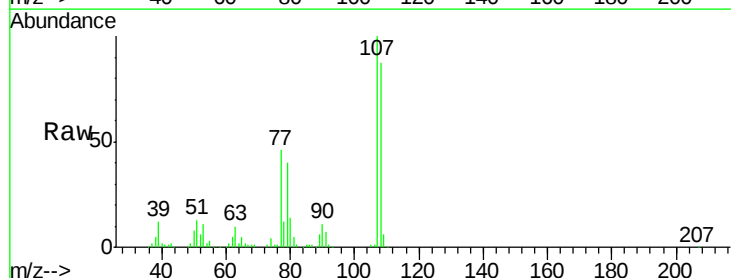
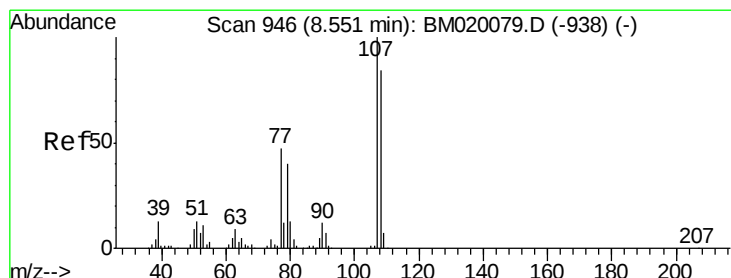
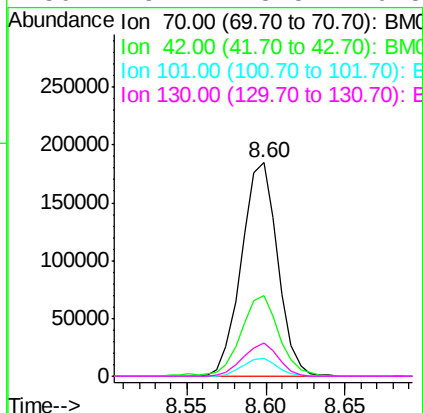




#19
n-Nitroso-di-n-propylamine
Concen: 34.602 ng
RT: 8.60 min Scan# 954
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

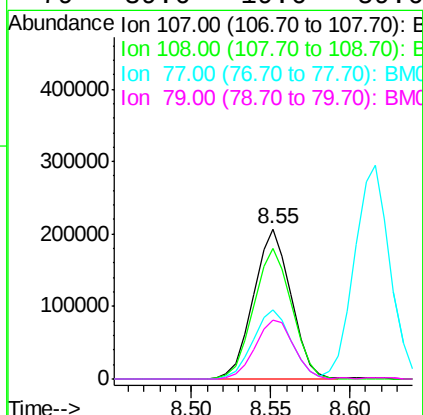
Instrument :
BNA_M
ClientSampleId :

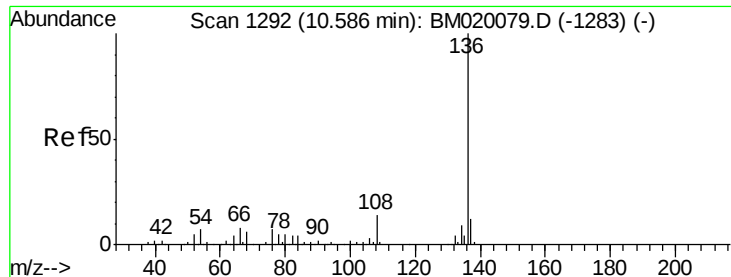
Tot Ion:	70	Resp:	292725
Ion	Ratio	Lower	Upper
70	100		
42	37.5	31.0	46.4
101	8.2	6.2	9.2
130	15.4	13.5	20.3



#20
3+4-Methylphenols
Concen: 37.413 ng
RT: 8.55 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:	107	Resp:	340736
Ion	Ratio	Lower	Upper
107	100		
108	87.0	64.4	104.4
77	46.0	27.2	67.2
79	39.6	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: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 431154

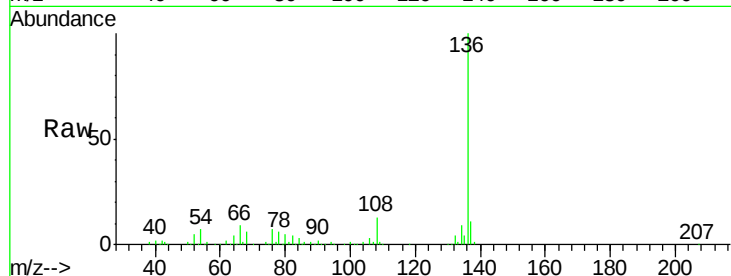
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 7.0 5.5 8.3

68 5.9 4.6 6.8

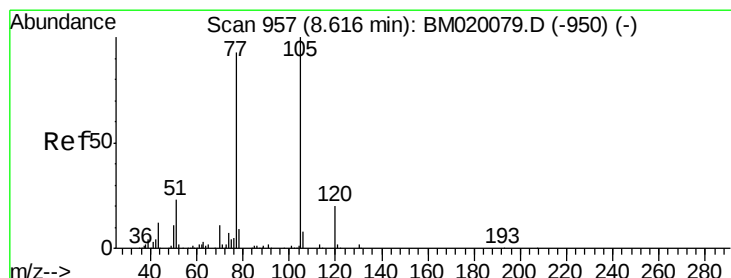
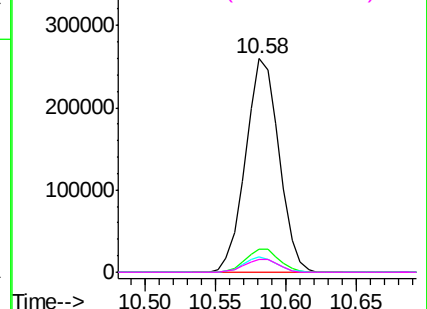
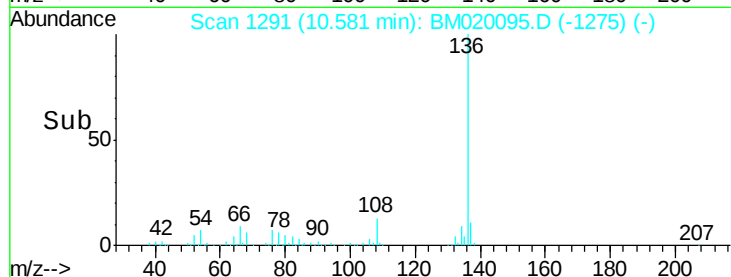


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.885 ng

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:105 Resp: 481767

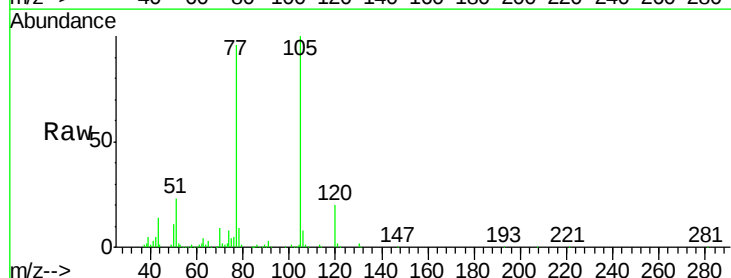
Ion Ratio Lower Upper

105 100

71 1.6 2.2 3.2#

51 23.4 19.3 28.9

120 19.6 16.2 24.4

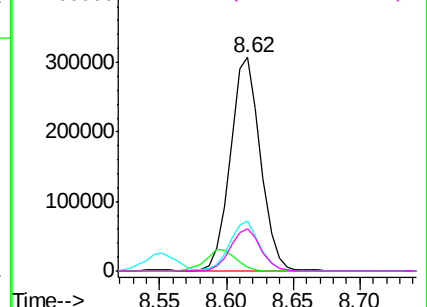
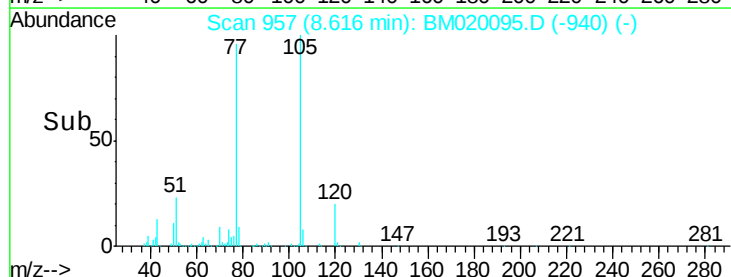


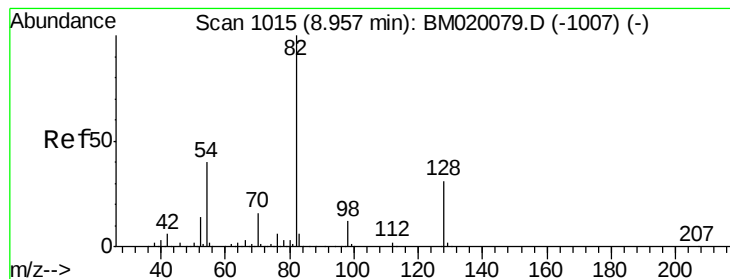
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.564 ng

RT: 8.96 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

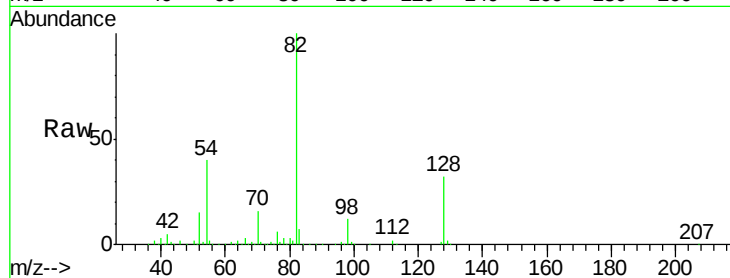
Tot Ion: 82 Resp: 825224

Ion Ratio Lower Upper

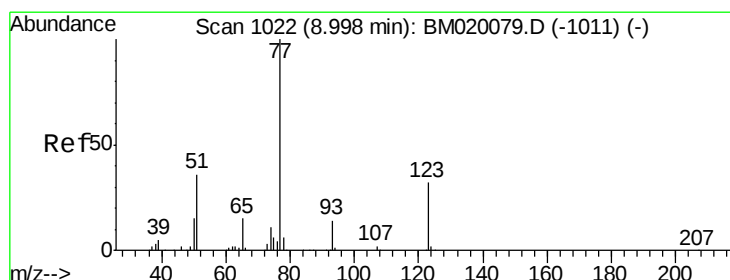
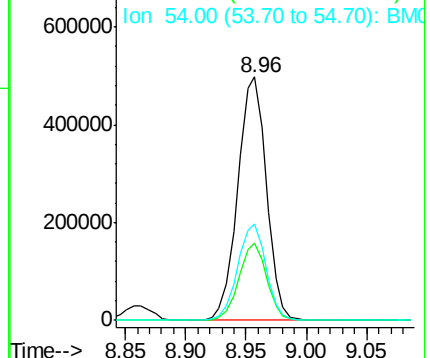
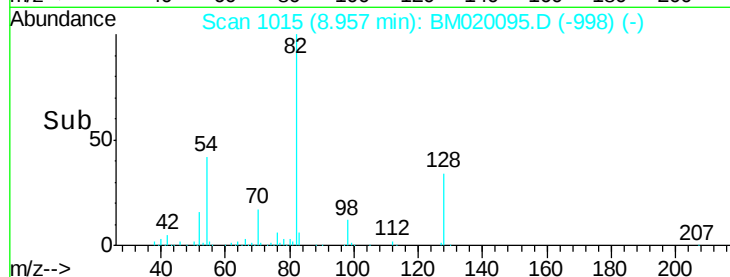
82 100

128 31.6 25.2 37.8

54 39.6 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020095.D (-998) (-)



#24

Nitrobenzene

Concen: 38.878 ng

RT: 9.00 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

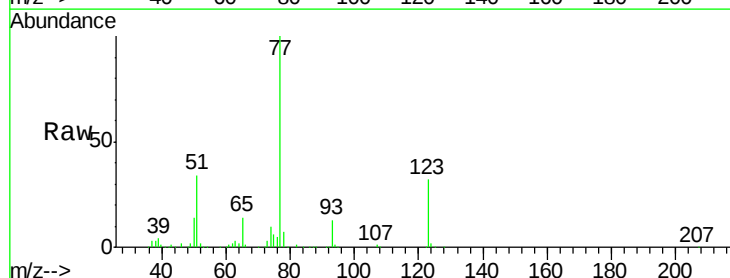
Tgt Ion: 77 Resp: 440217

Ion Ratio Lower Upper

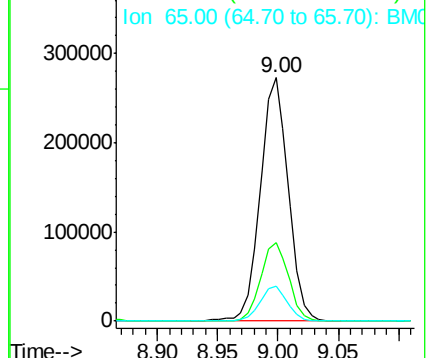
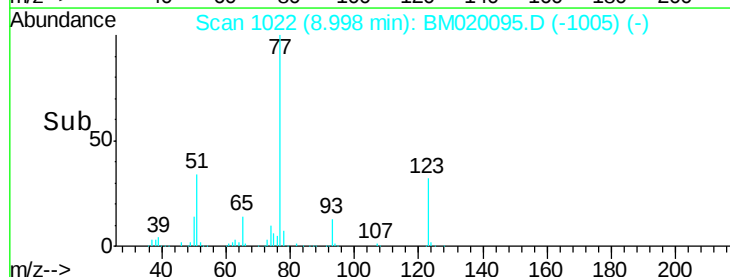
77 100

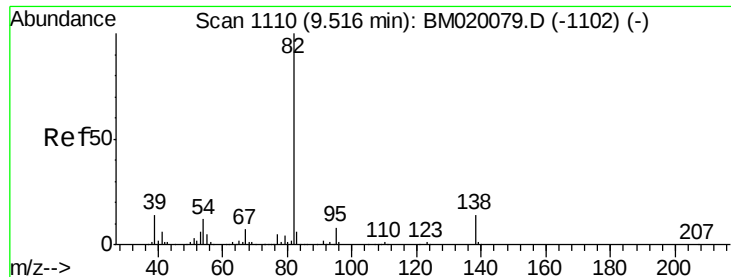
123 32.4 25.5 38.3

65 14.2 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM020095.D (-1005) (-)





#25

Isophorone

Concen: 38.268 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

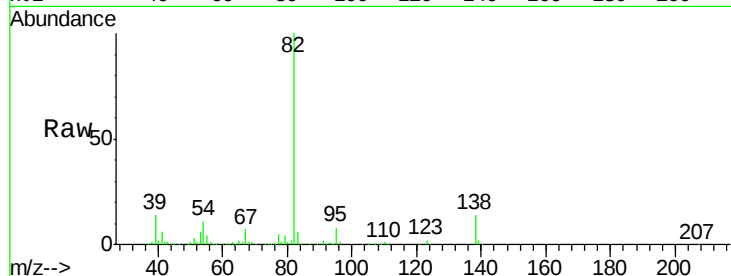
Tot Ion: 82 Resp: 720693

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

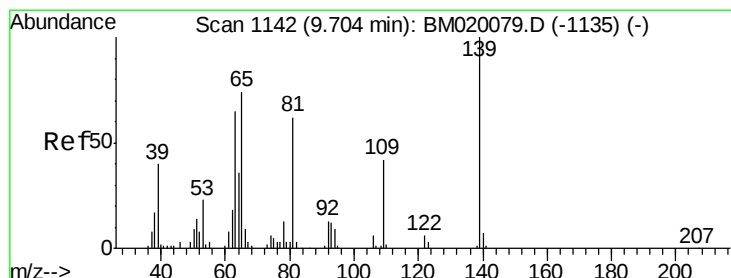
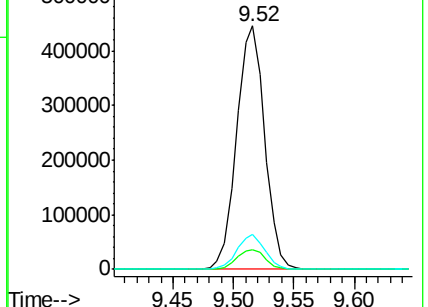
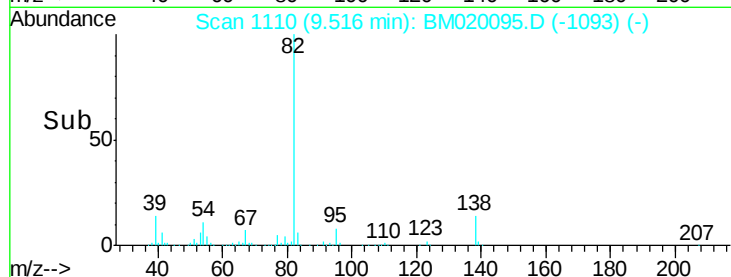
138 14.3 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020095.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM020095.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020095.D (-1093) (-)



#26

2-Nitrophenol

Concen: 41.009 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

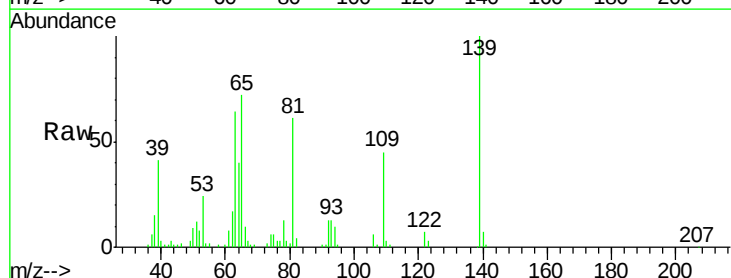
Tgt Ion: 139 Resp: 140186

Ion Ratio Lower Upper

139 100

109 45.3 33.7 50.5

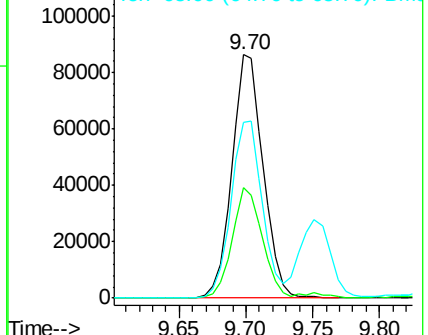
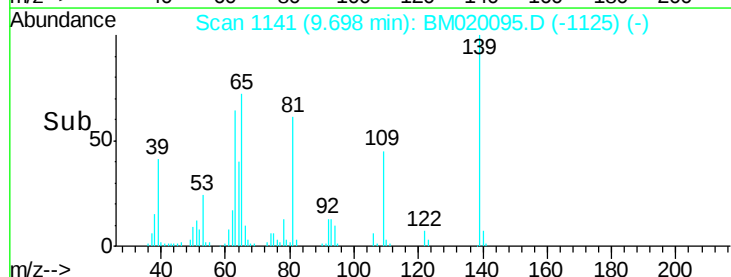
65 72.0 59.5 89.3

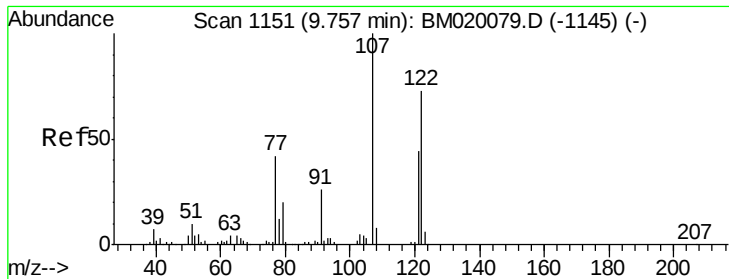


Abundance Ion 139.00 (138.70 to 139.70): BM020095.D (-1125) (-)

Ion 109.00 (108.70 to 109.70): BM020095.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020095.D (-1125) (-)

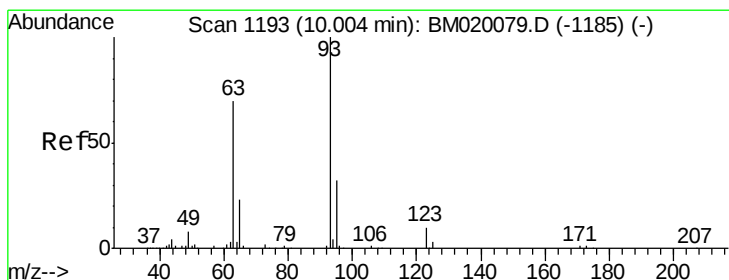
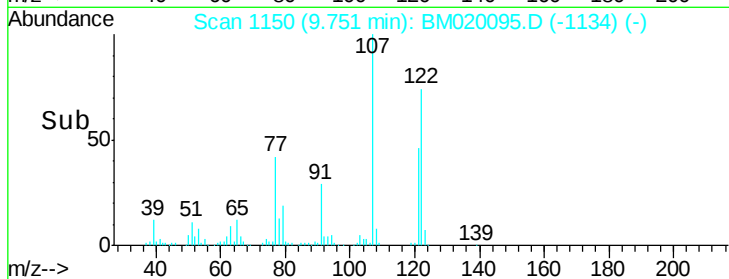
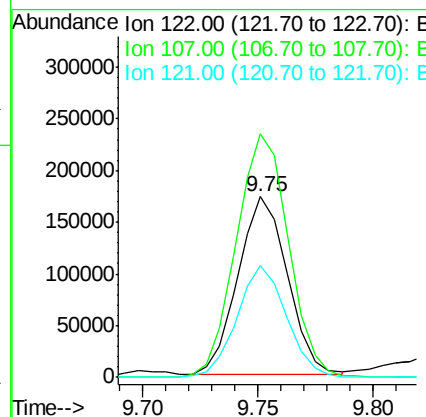
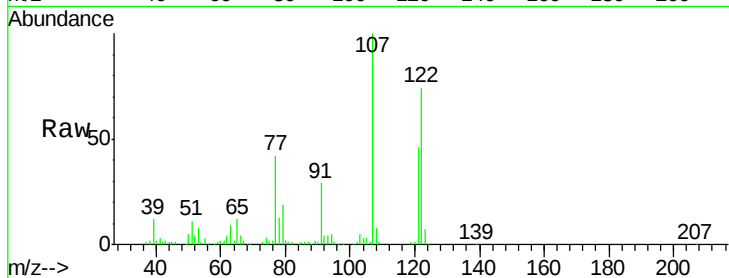




#27
 2,4-Dimethylphenol
 Concen: 45.371 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

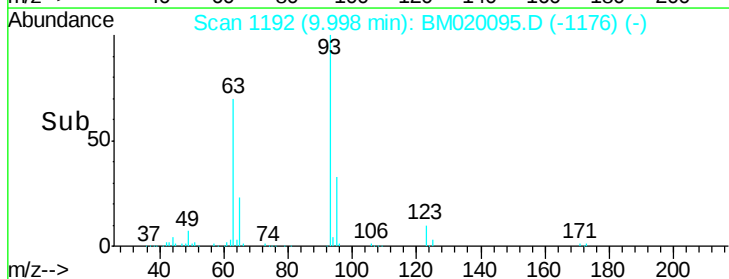
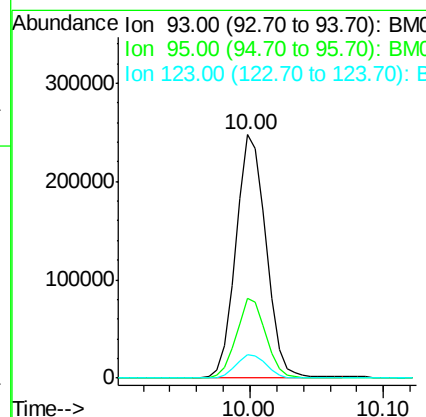
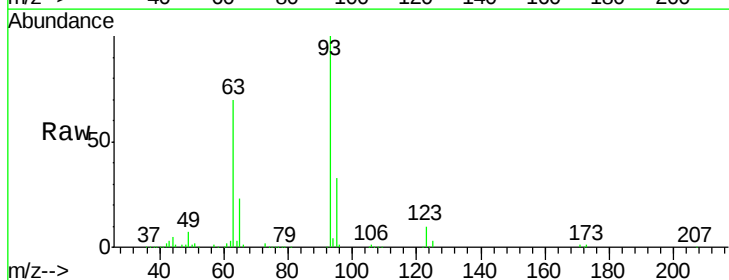
Instrument :
 BNA_M
 ClientSampleId :

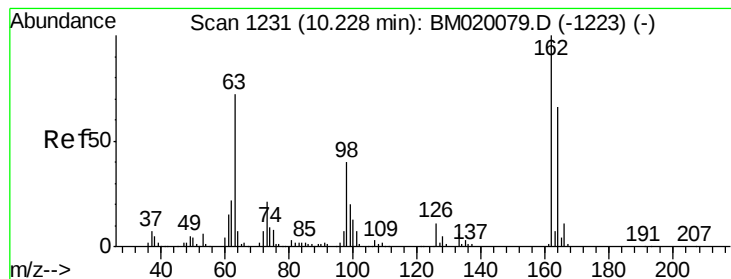
Tot Ion:122 Resp: 258215
 Ion Ratio Lower Upper
 122 100
 107 135.1 108.6 162.8
 121 62.3 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.081 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion: 93 Resp: 390599
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 9.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 40.408 ng

RT: 10.23 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

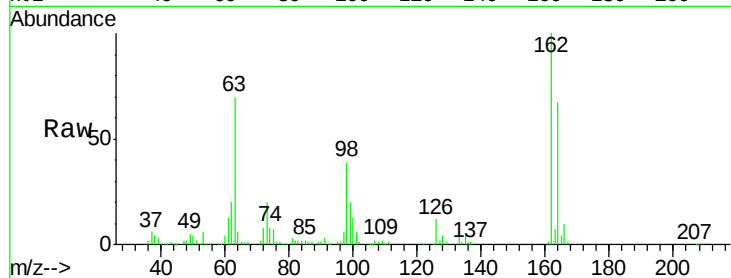
Tot Ion:162 Resp: 289983

Ion Ratio Lower Upper

162 100

164 66.5 45.6 85.6

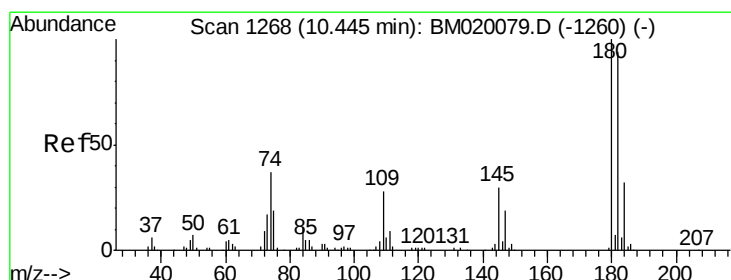
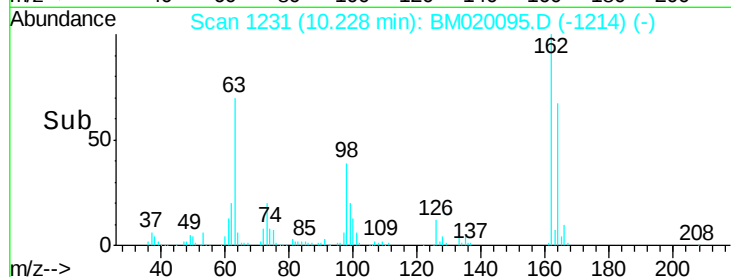
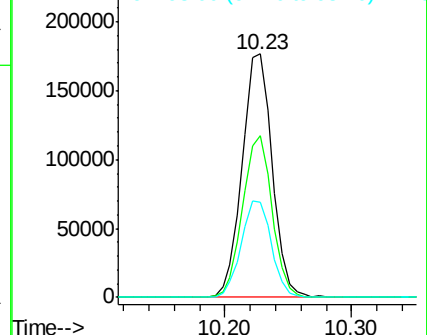
98 39.2 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.435 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

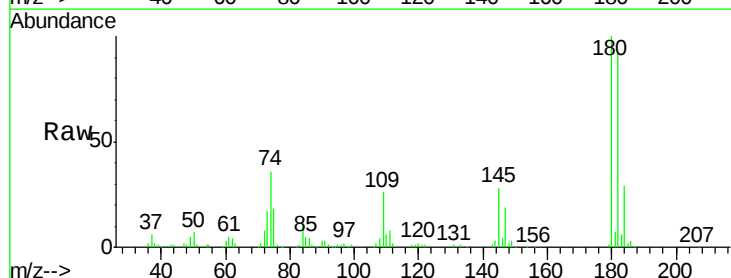
Tgt Ion:180 Resp: 357048

Ion Ratio Lower Upper

180 100

182 91.5 75.4 113.0

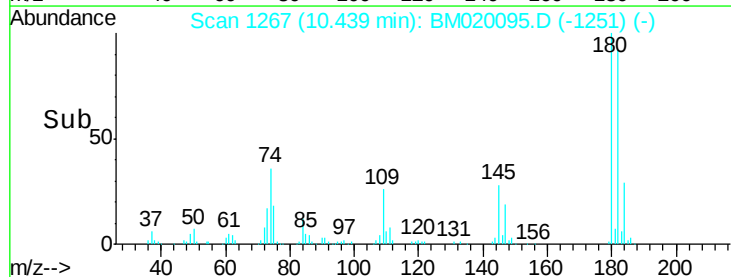
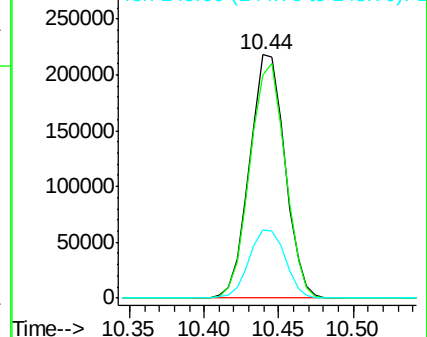
145 27.8 23.8 35.8

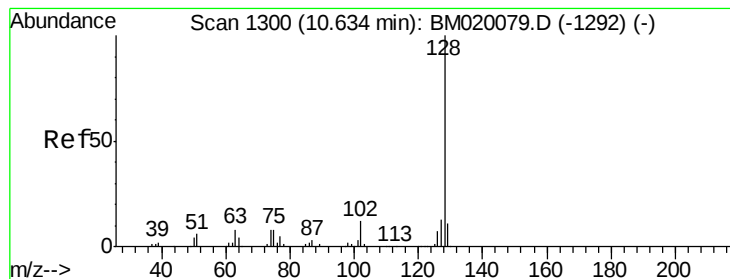


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

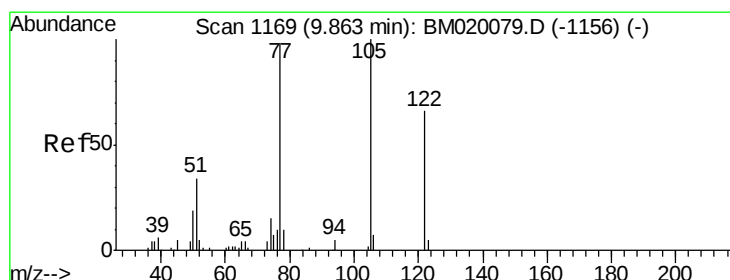
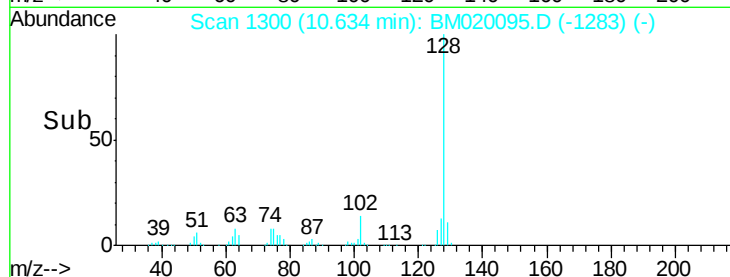
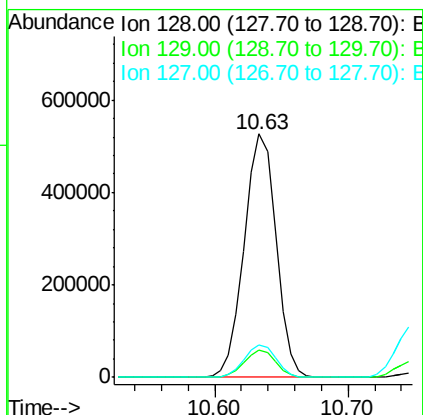
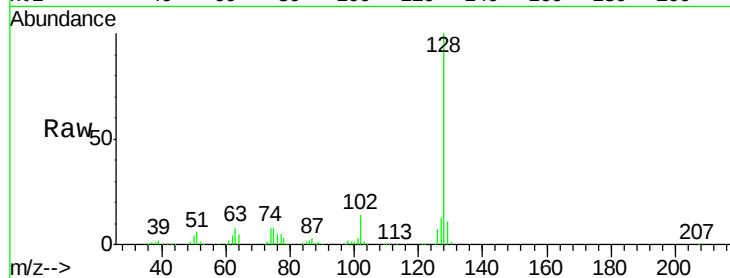




#31
Naphthalene
Concen: 38.798 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

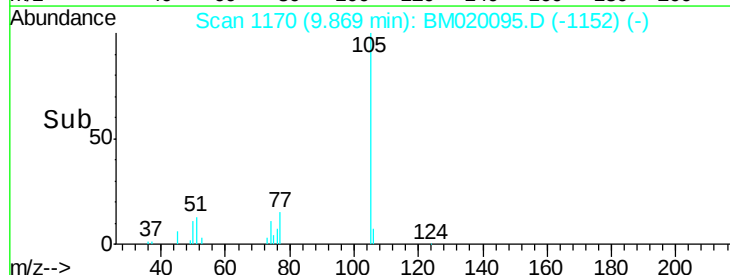
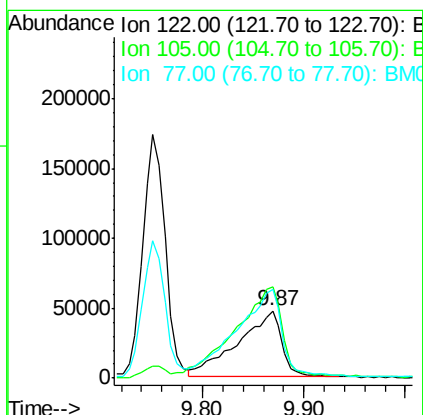
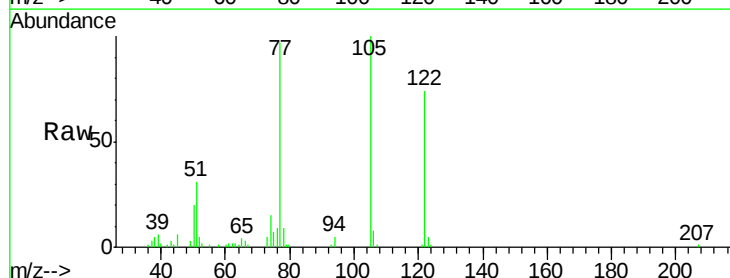
Instrument :
BNA_M
ClientSampleId :

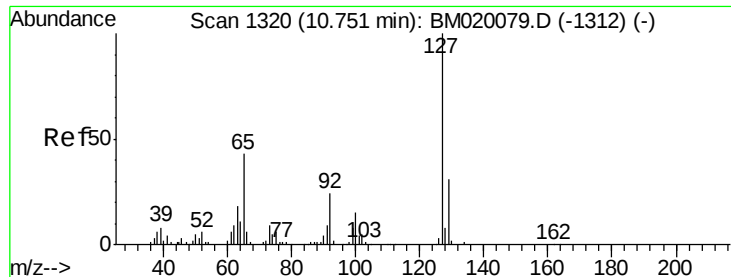
Tot Ion:128 Resp: 868078
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 36.141 ng
RT: 9.87 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:122 Resp: 138677
Ion Ratio Lower Upper
122 100
105 136.0 122.5 162.5
77 132.0 123.3 163.3

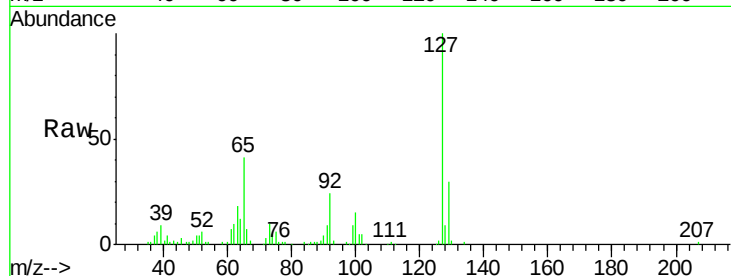




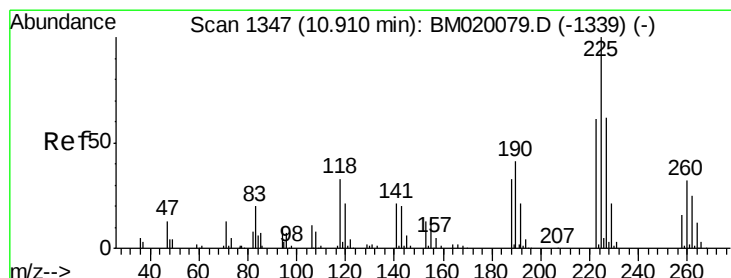
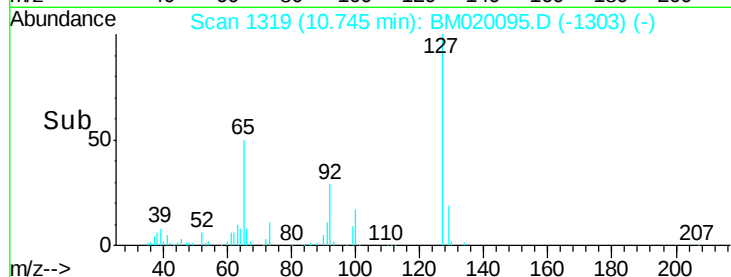
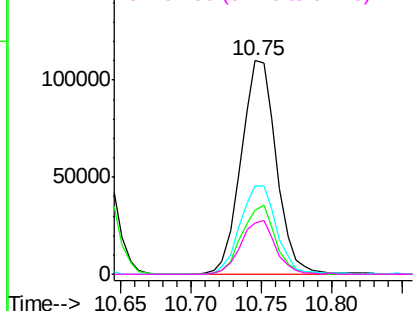
#33
4-Chloroaniline
Concen: 20.898 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	192446
Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.7	37.1
65	41.3	34.6	52.0
92	24.2	19.5	29.3

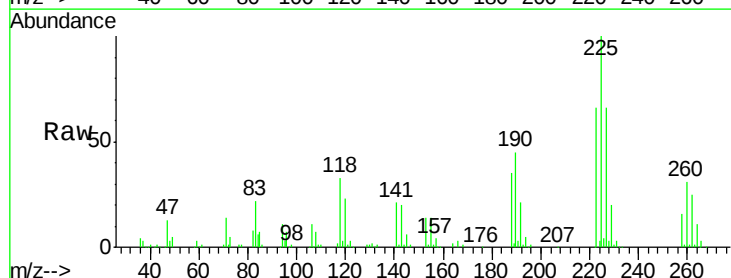


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

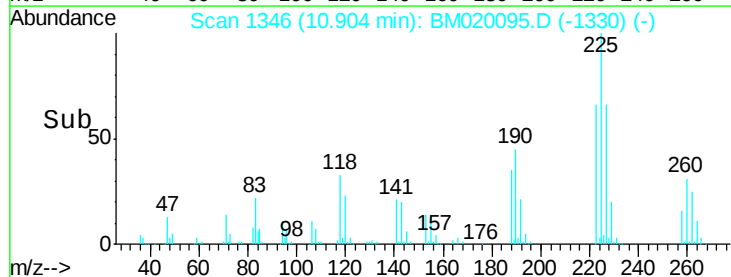
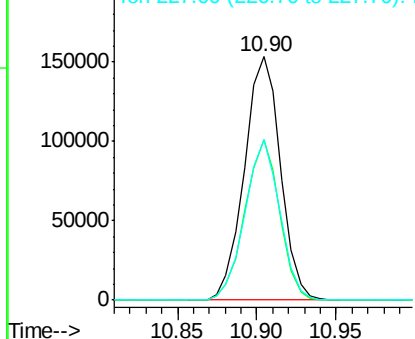


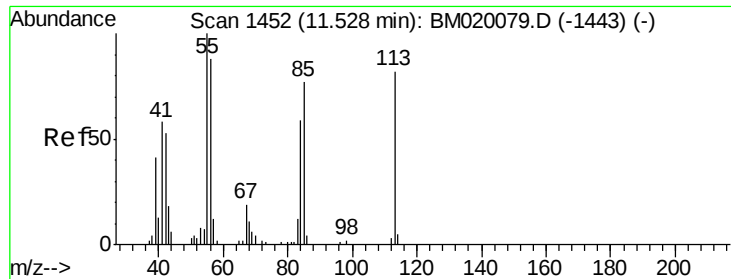
#34
Hexachlorobutadiene
Concen: 38.845 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:	225	Resp:	242648
Ion	Ratio	Lower	Upper
225	100		
223	65.9	48.9	73.3
227	65.7	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

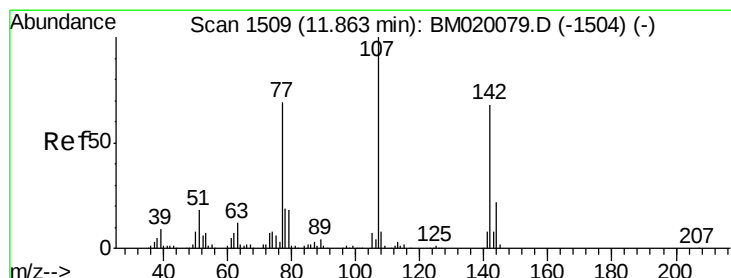
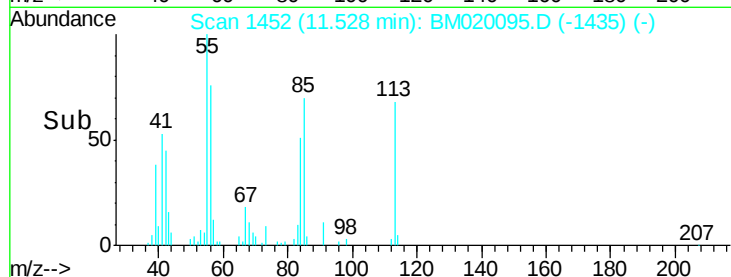
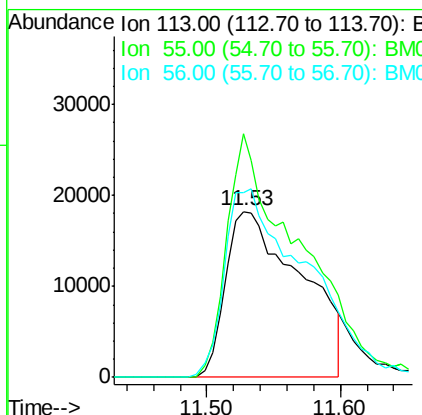
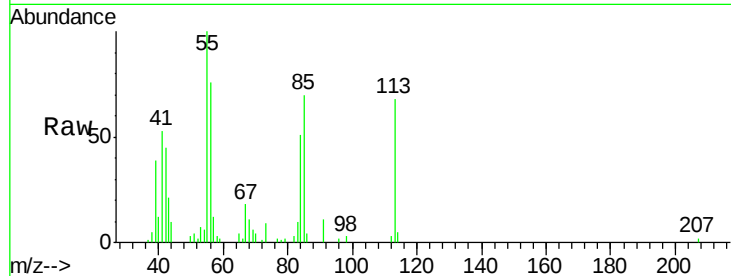




#35
Caprolactam
Concen: 33.439 ng
RT: 11.53 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

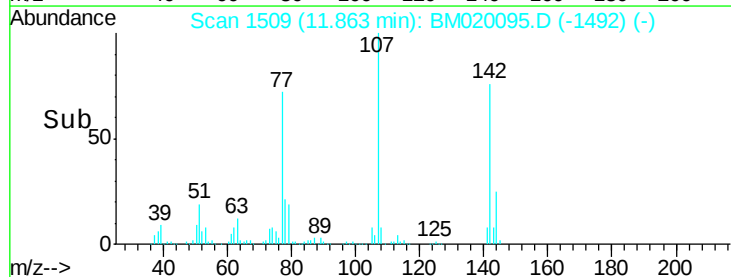
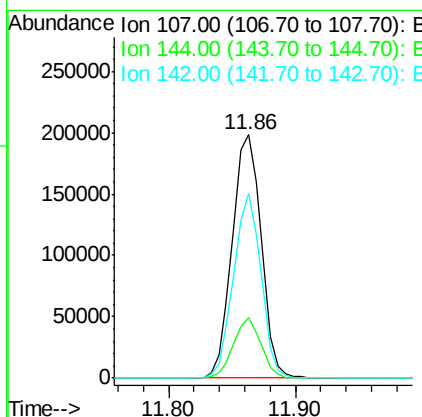
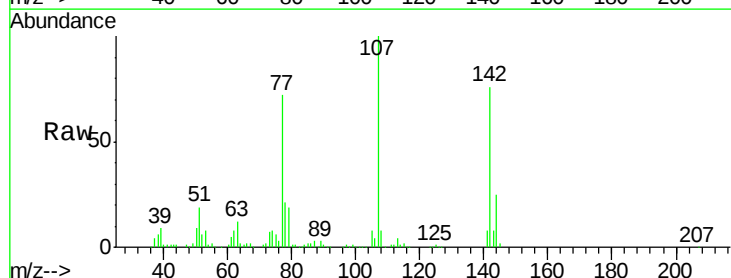
Instrument :
BNA_M
ClientSampleId :

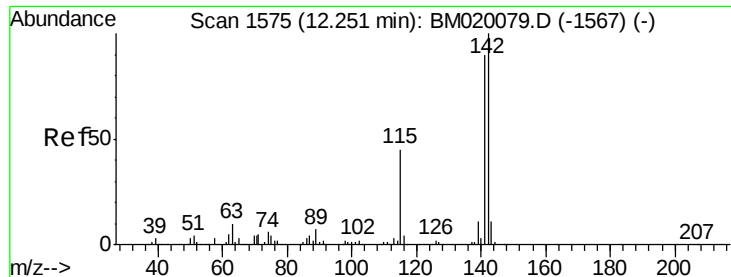
Tot Ion:113 Resp: 71755
Ion Ratio Lower Upper
113 100
55 146.5 102.5 142.5#
56 111.4 87.7 127.7



#36
4-Chloro-3-methylphenol
Concen: 37.152 ng
RT: 11.86 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:107 Resp: 313314
Ion Ratio Lower Upper
107 100
144 24.8 17.6 26.4
142 75.7 54.6 82.0

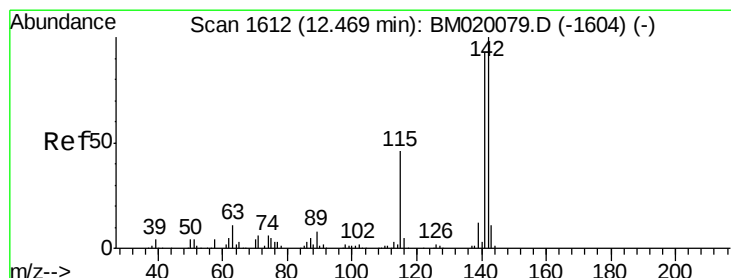
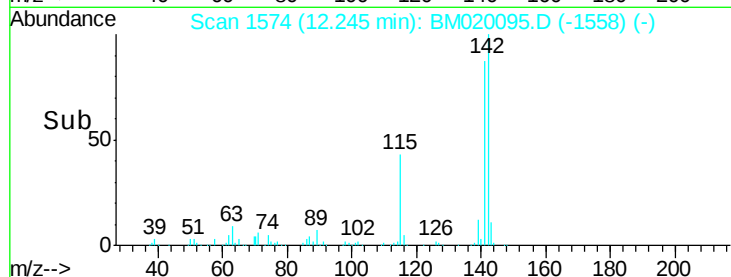
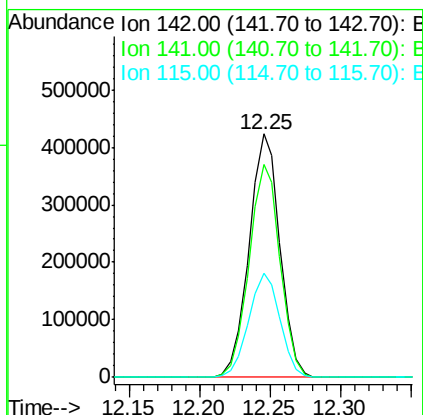
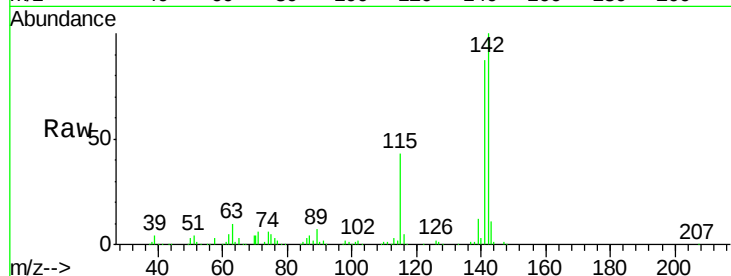




#37
2-Methylnaphthalene
Concen: 39.736 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

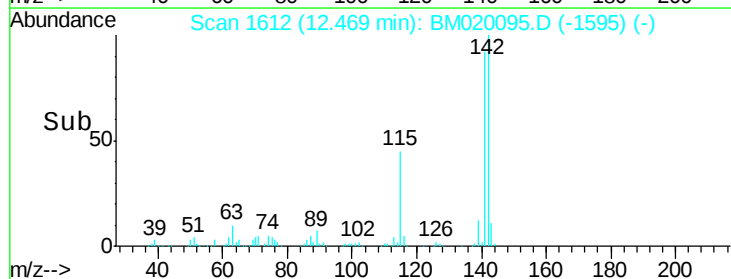
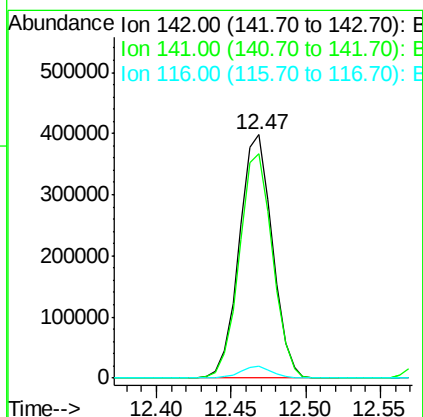
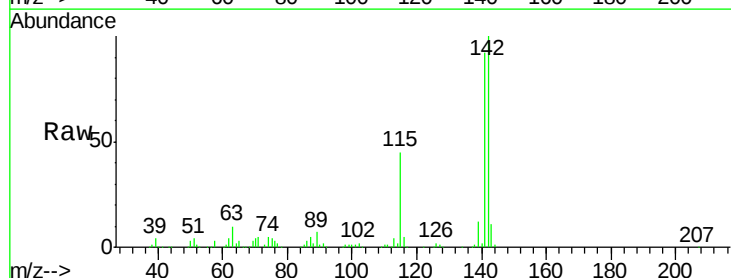
Instrument :
BNA_M
ClientSampled :

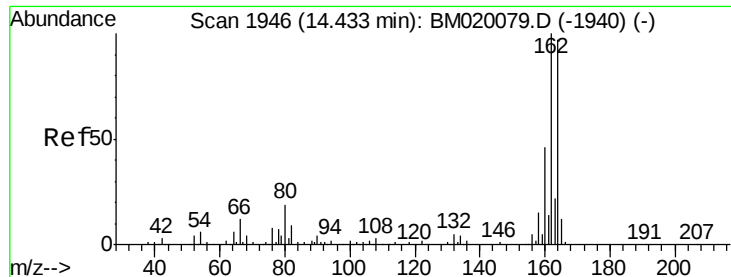
Tot Ion:142 Resp: 648159
Ion Ratio Lower Upper
142 100
141 87.4 71.6 107.4
115 42.9 35.8 53.6



#38
1-Methylnaphthalene
Concen: 38.287 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:142 Resp: 610697
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
116 4.8 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: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

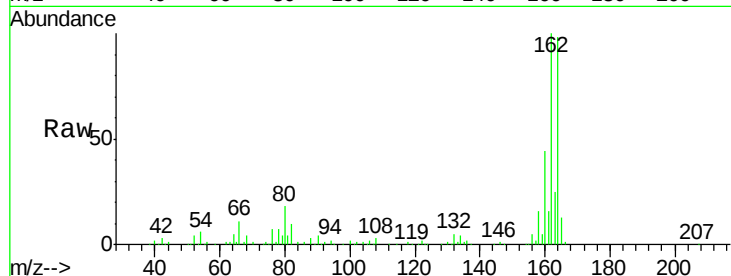
Tot Ion:164 Resp: 258378

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.2

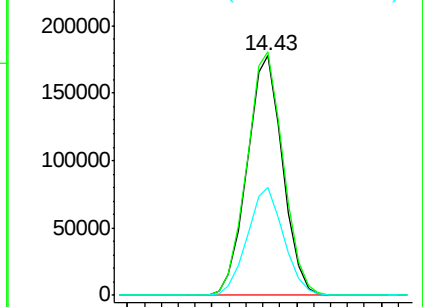
160 45.1 37.6 56.4



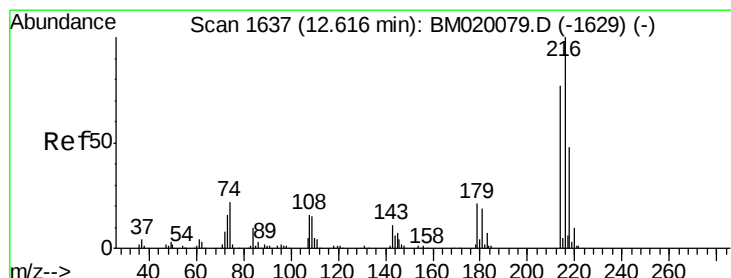
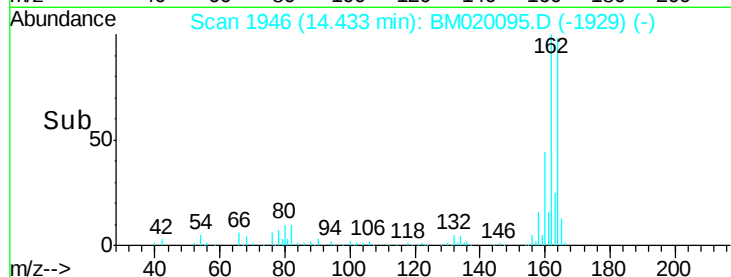
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.641 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:216 Resp: 410830

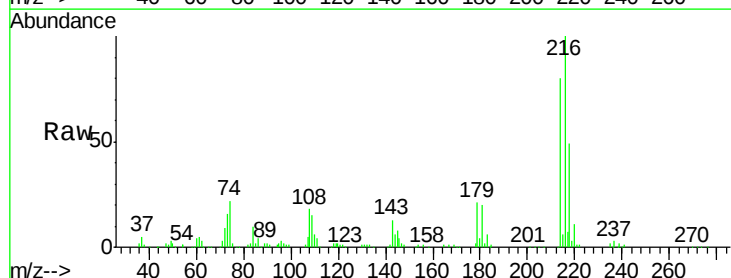
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.7 17.1 25.7

108 21.8 15.8 23.6

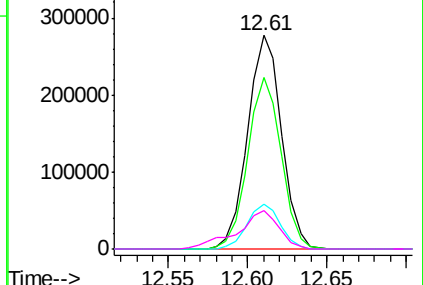


Abundance Ion 216.00 (215.70 to 216.70): E

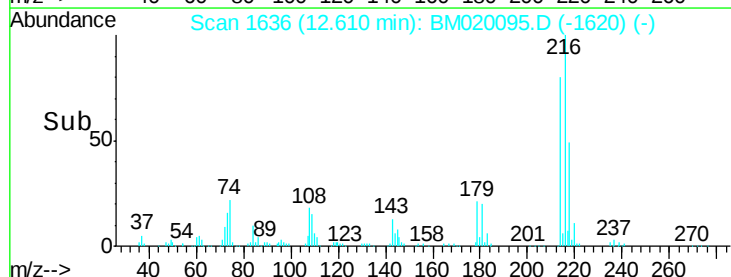
Ion 214.00 (213.70 to 214.70): E

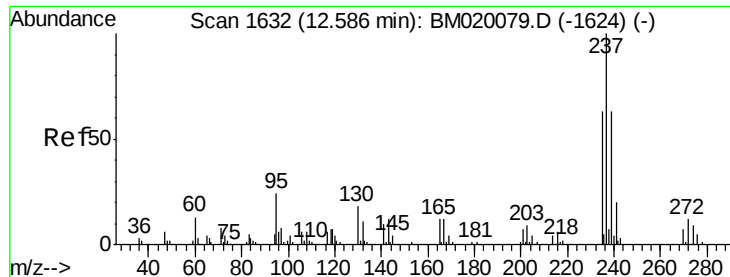
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->





#41

Hexachlorocyclopentadiene

Concen: 90.865 ng

RT: 12.59 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampled :

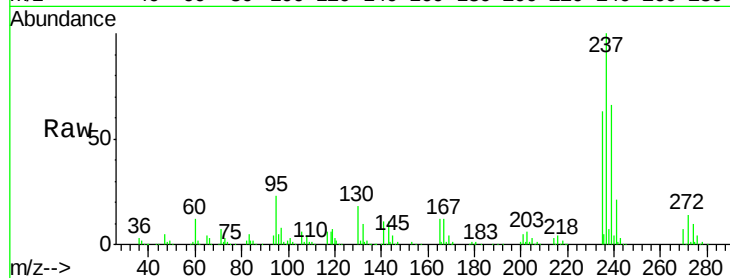
Tot Ion:237 Resp: 540834

Ion Ratio Lower Upper

237 100

235 62.8 43.4 83.4

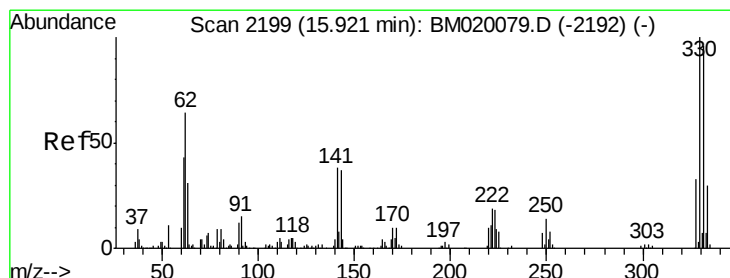
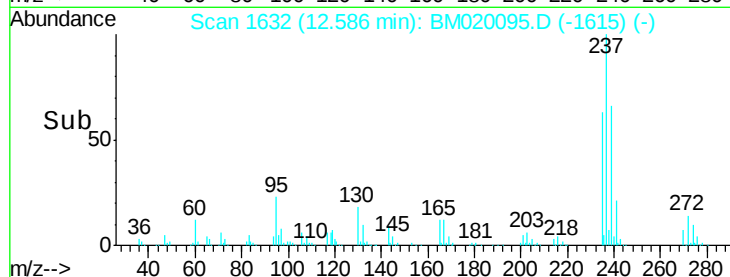
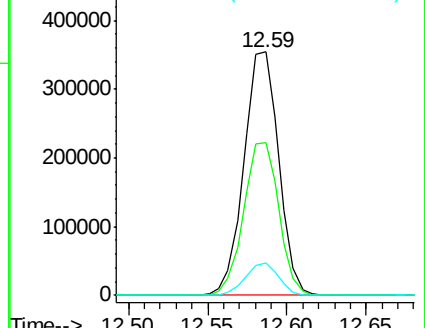
272 13.5 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.967 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

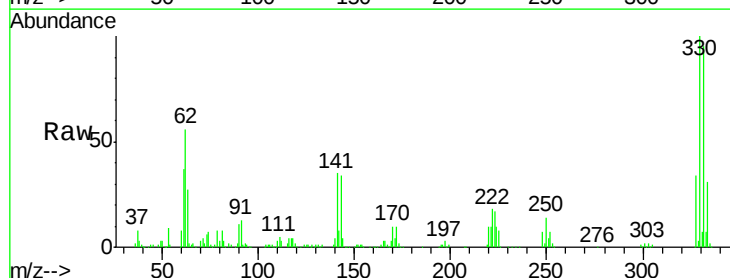
Tgt Ion:330 Resp: 529256

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

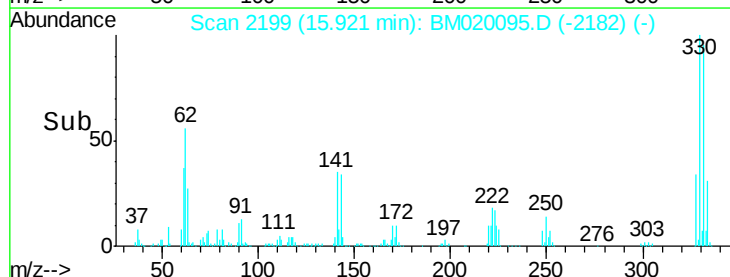
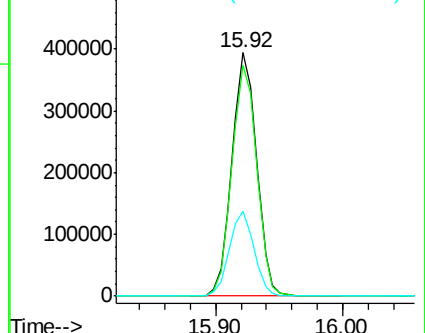
141 34.8 29.2 43.8

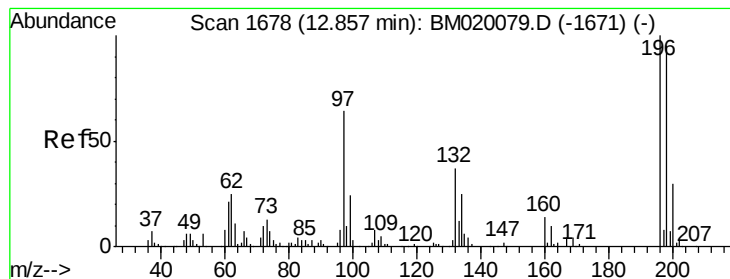


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.303 ng

RT: 12.86 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

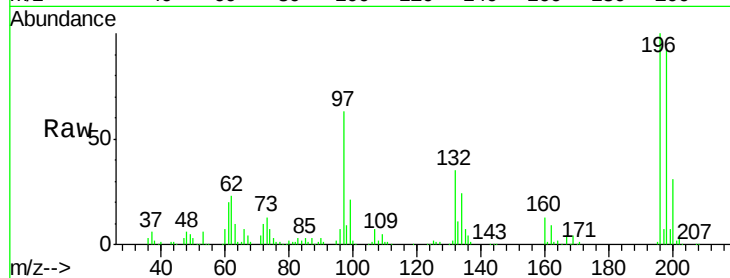
Tot Ion:196 Resp: 243032

Ion Ratio Lower Upper

196 100

198 92.9 76.2 114.2

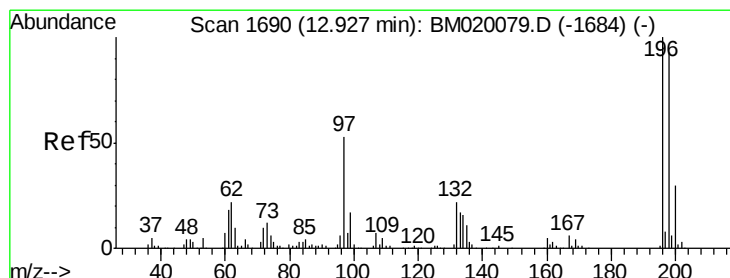
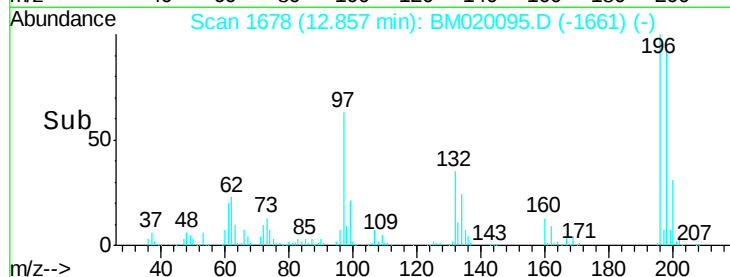
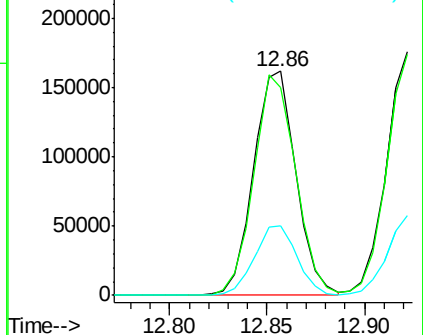
200 30.9 24.3 36.5



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.180 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:196 Resp: 257878

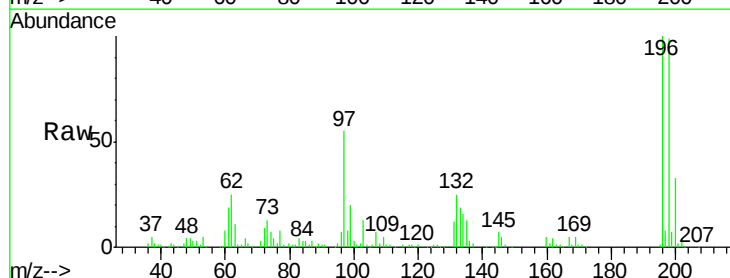
Ion Ratio Lower Upper

196 100

198 98.8 74.7 112.1

97 55.2 42.2 63.4

132 25.1 17.8 26.8

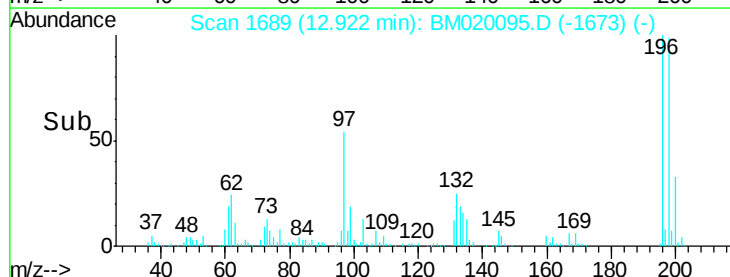
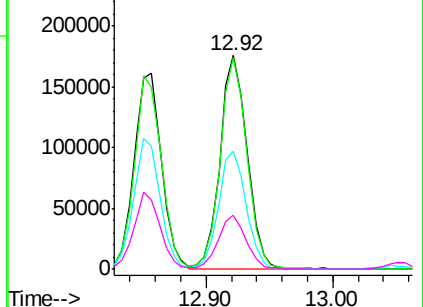


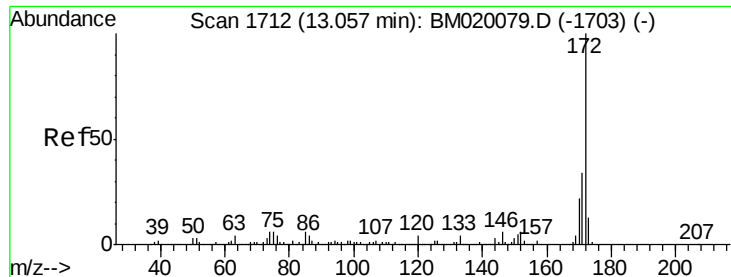
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



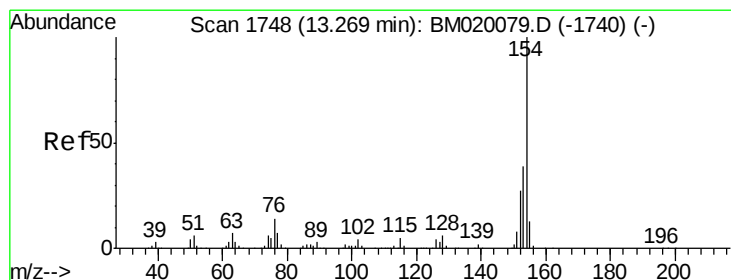
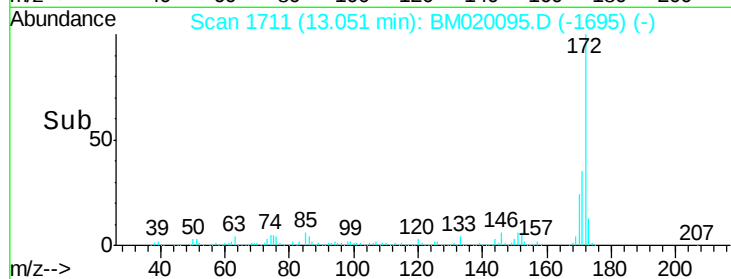
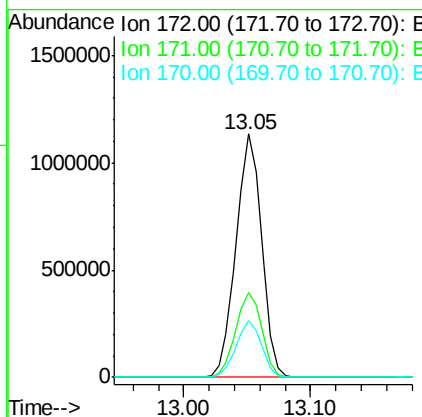
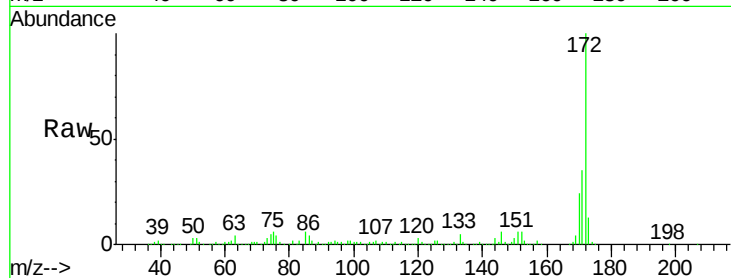


#45
 2-Fluorobiphenyl
 Concen: 75.324 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1581816

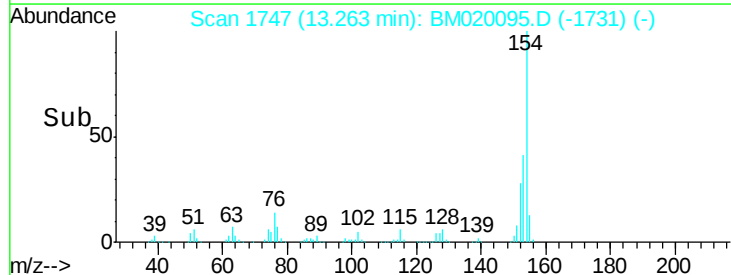
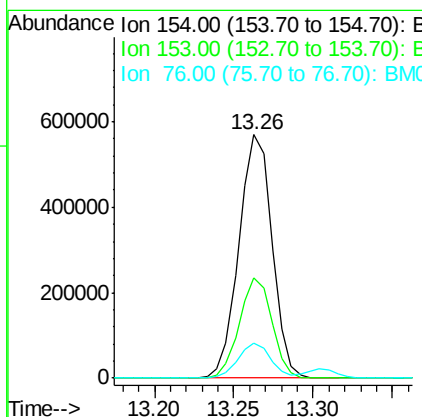
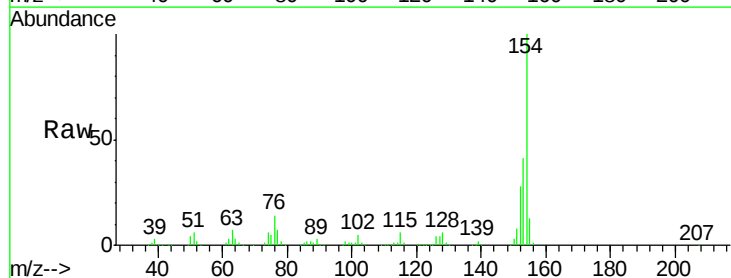
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.5	17.9	26.9

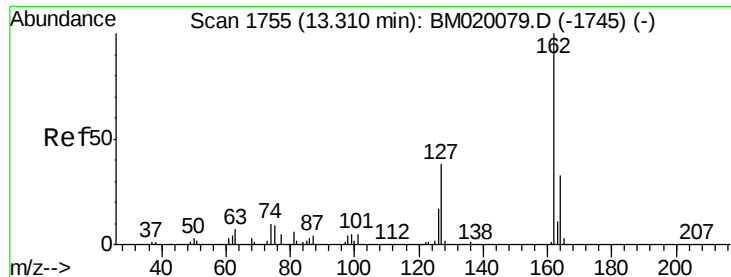


#46
 1,1'-Biphenyl
 Concen: 38.877 ng
 RT: 13.26 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:154 Resp: 826791

Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.4	59.4
76	14.5	0.0	34.5

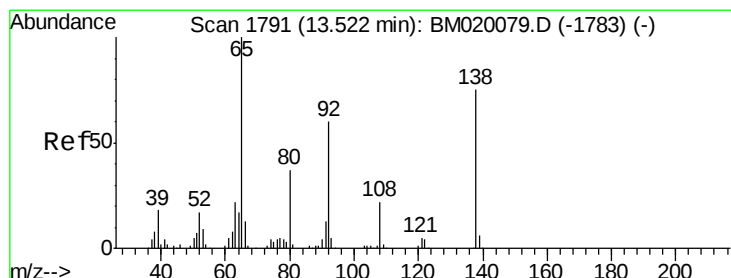
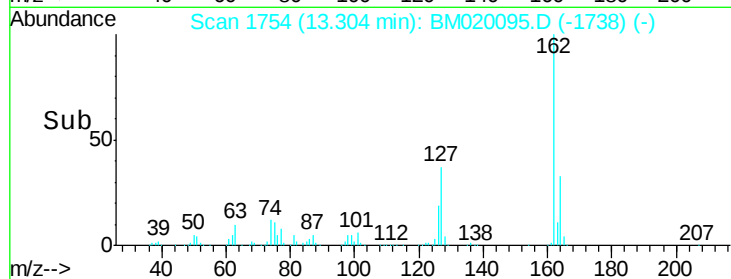
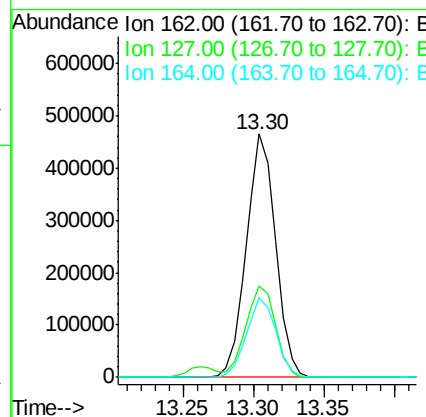
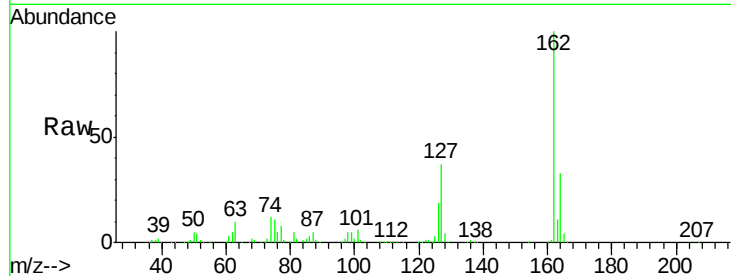




#47
2-Chloronaphthalene
Concen: 39.683 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

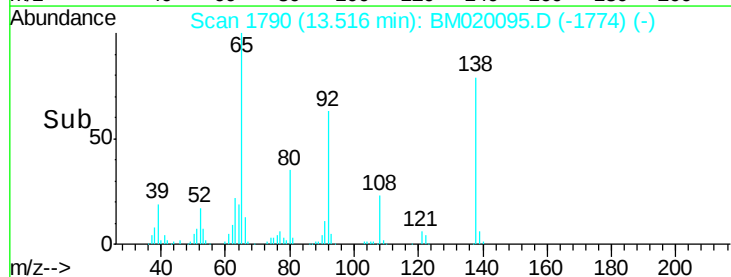
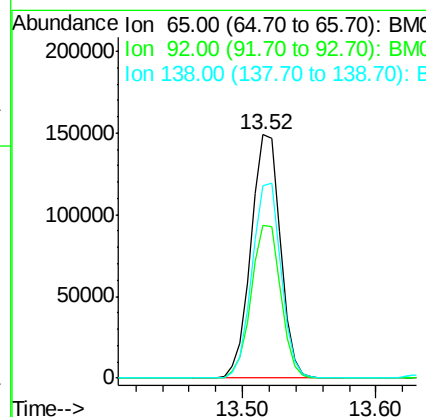
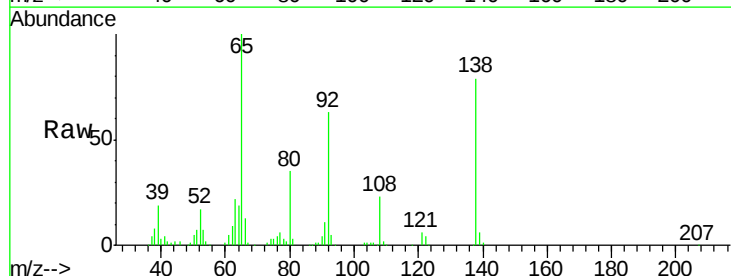
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.4
164	32.6	26.2	39.2



#48
2-Nitroaniline
Concen: 37.264 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	48.2	72.4
138	79.3	60.3	90.5





#49

Acenaphthylene

Concen: 37.367 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

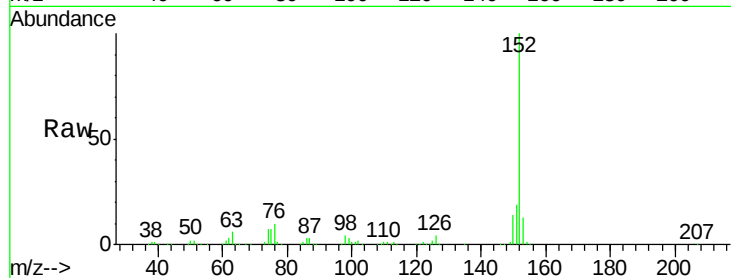
Tot Ion:152 Resp: 1015438

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

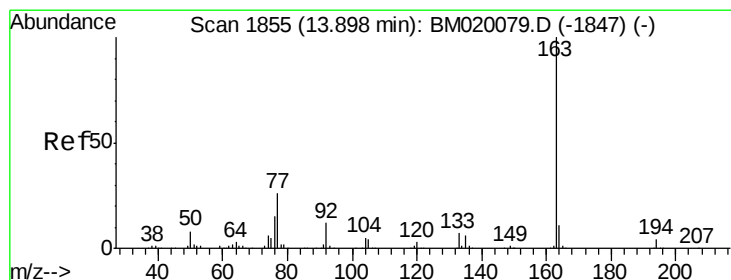
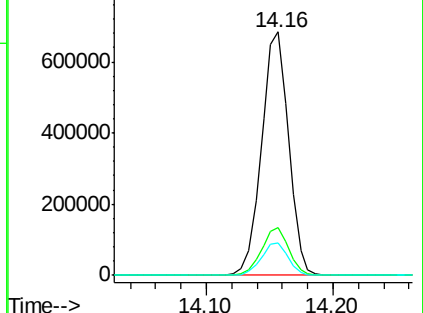
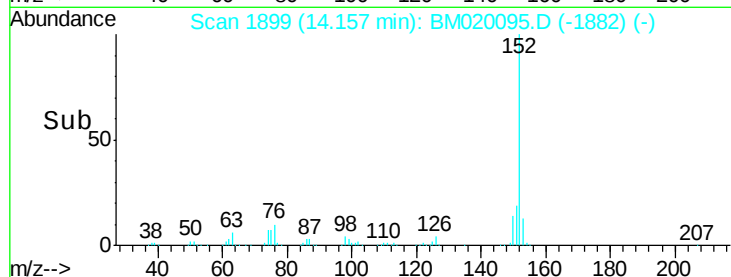
153 13.2 10.6 16.0



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: 37.299 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

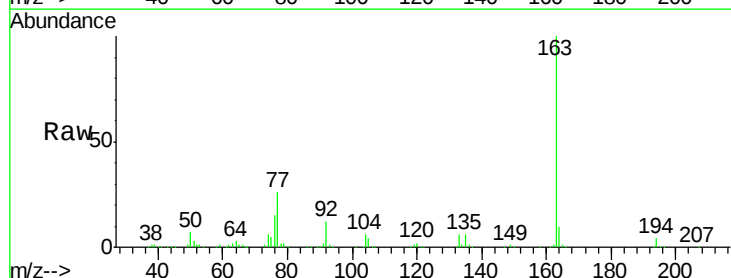
Tgt Ion:163 Resp: 819084

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

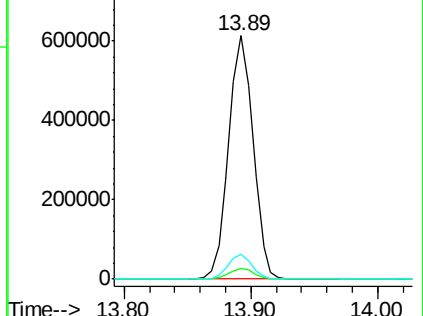
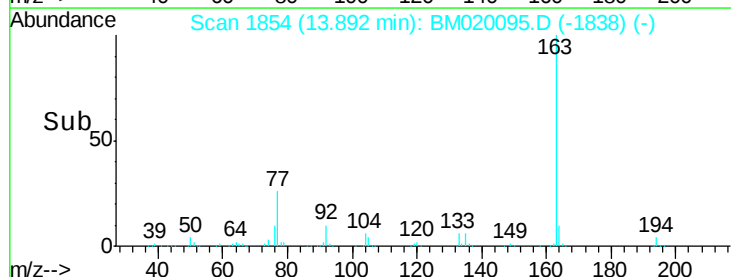
164 10.4 8.4 12.6

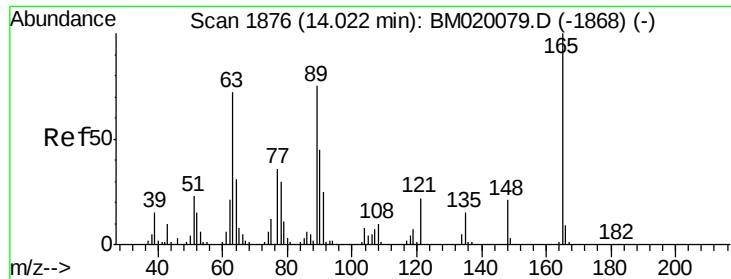


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

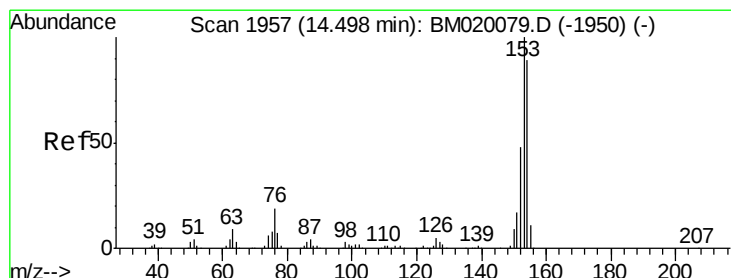
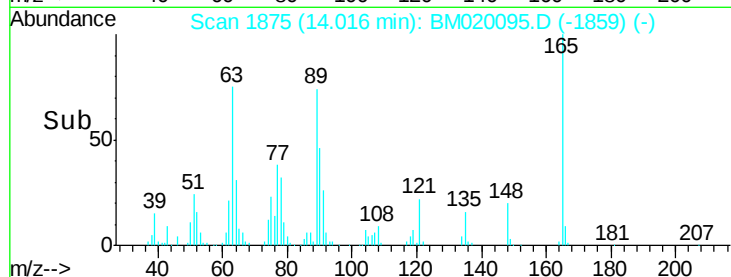
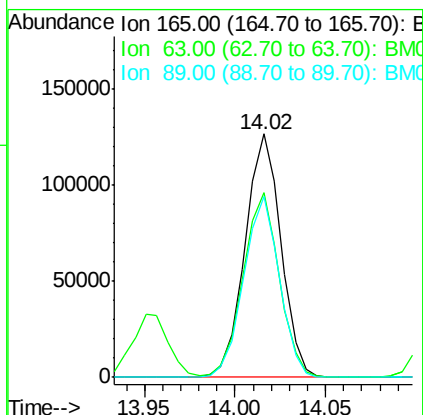
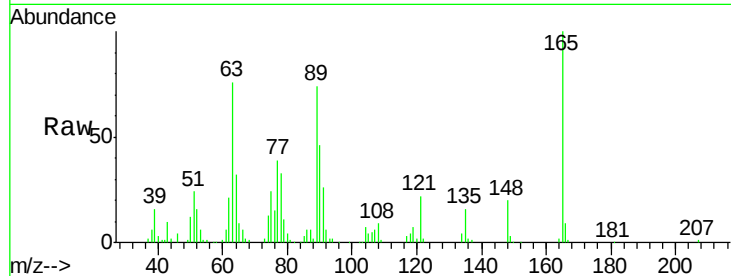




#51
 2,6-Dinitrotoluene
 Concen: 37.597 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

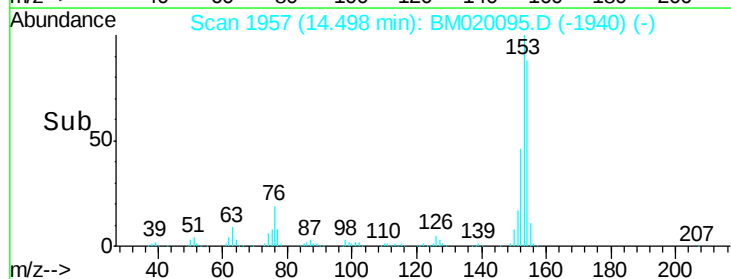
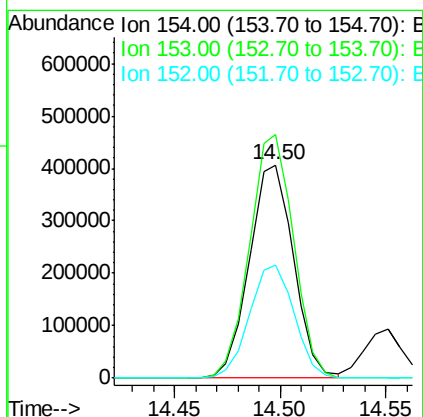
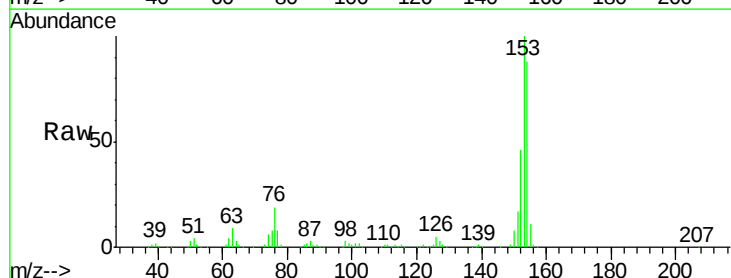
Instrument :
 BNA_M
 ClientSampleId :

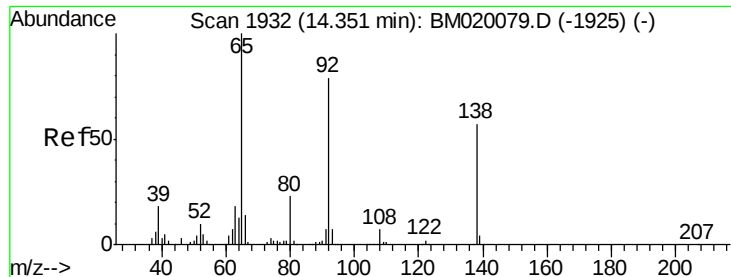
Tot Ion:165 Resp: 173896
 Ion Ratio Lower Upper
 165 100
 63 75.8 60.3 90.5
 89 74.2 59.8 89.6



#52
 Acenaphthene
 Concen: 38.092 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:154 Resp: 593611
 Ion Ratio Lower Upper
 154 100
 153 114.1 90.2 135.2
 152 52.9 43.0 64.4

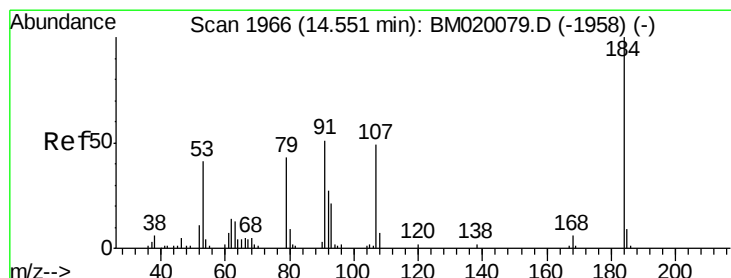
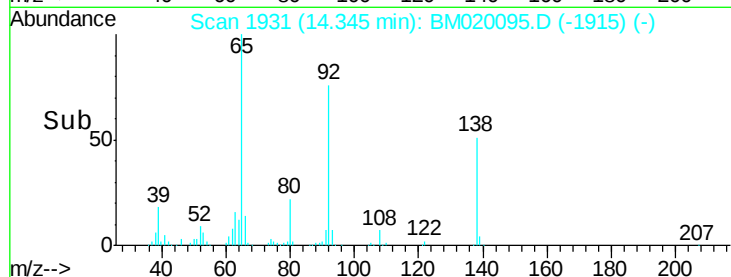
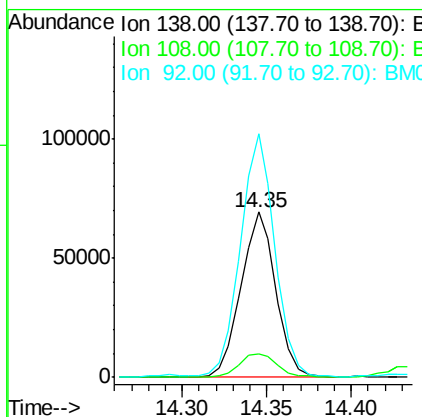
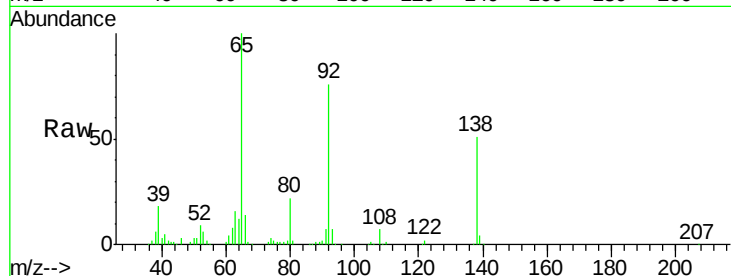




#53
3-Nitroaniline
Concen: 23.138 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

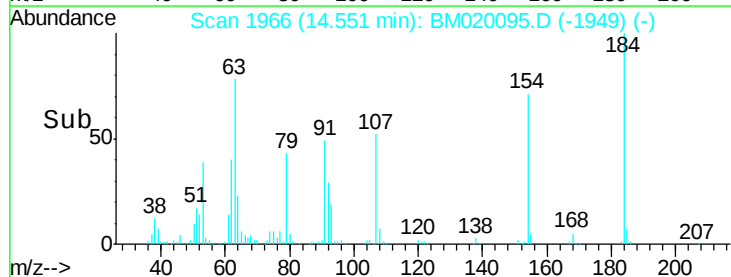
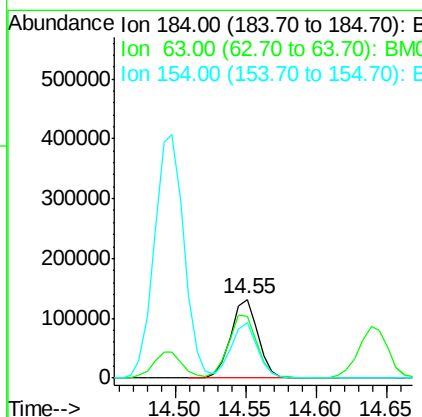
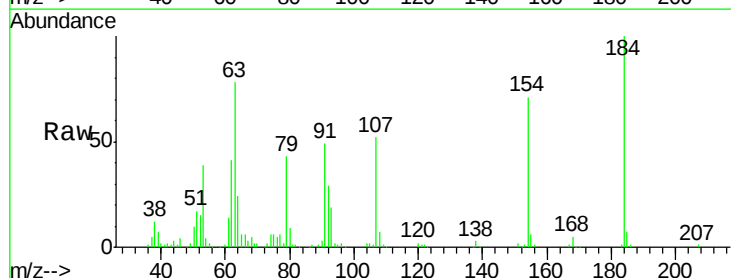
Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 99325
Ion Ratio Lower Upper
138 100
108 14.1 10.4 15.6
92 147.4 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 77.477 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:184 Resp: 178806
Ion Ratio Lower Upper
184 100
63 78.1 68.9 103.3
154 70.6 54.4 81.6

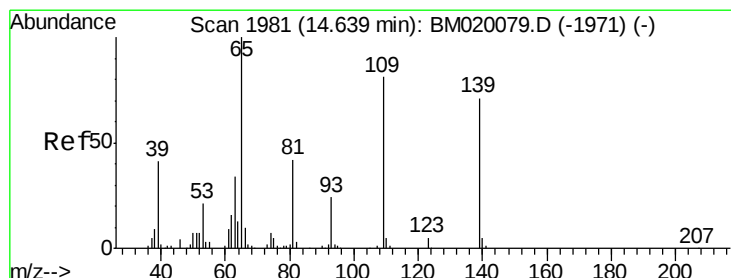
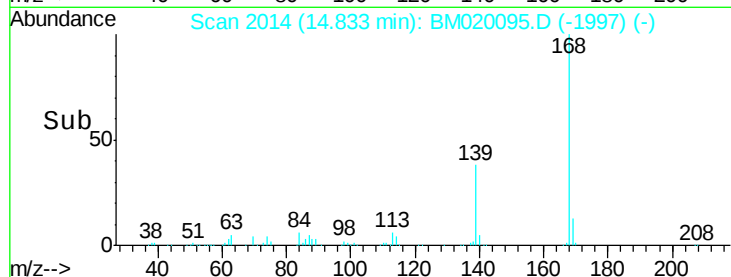
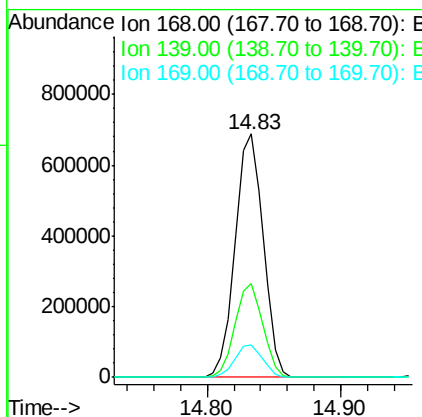
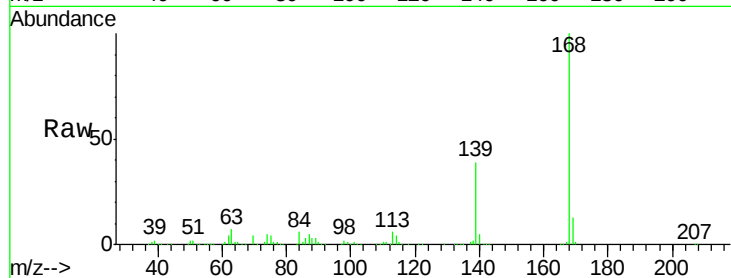




#55
Dibenzenofuran
Concen: 38.291 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

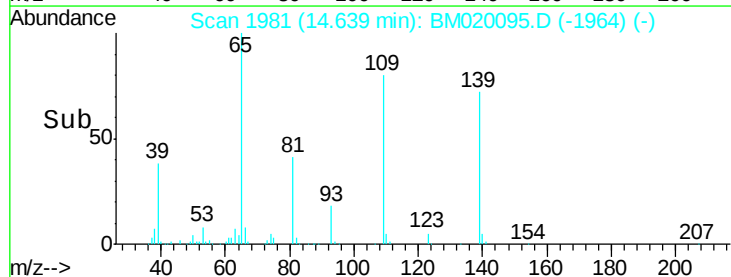
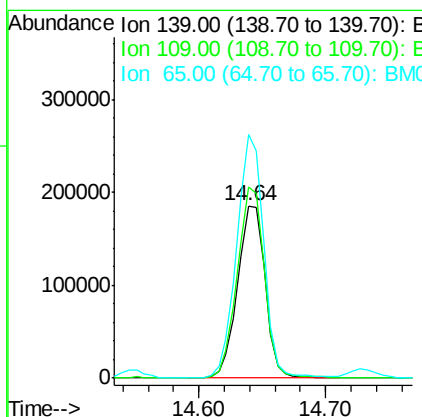
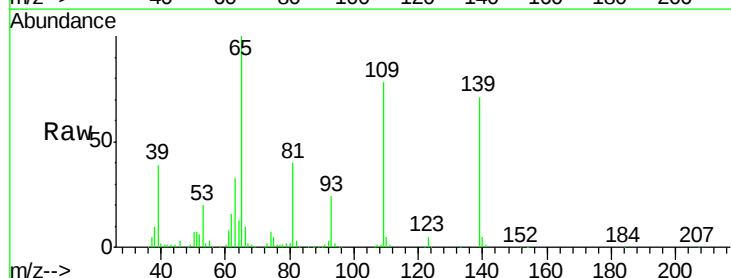
Instrument :
BNA_M
ClientSampled :

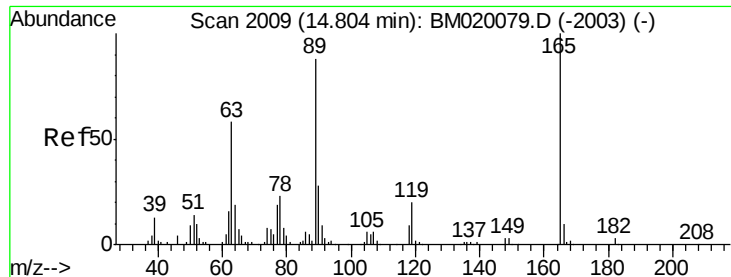
Tot Ion:168 Resp: 1006495
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 76.390 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:139 Resp: 279789
Ion Ratio Lower Upper
139 100
109 110.9 94.1 134.1
65 141.3 120.9 160.9

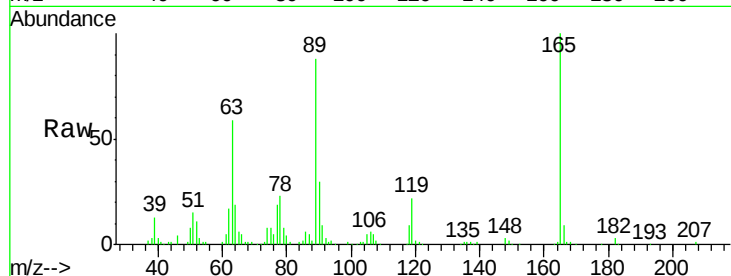




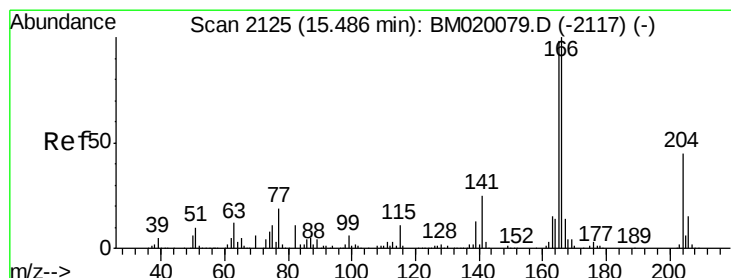
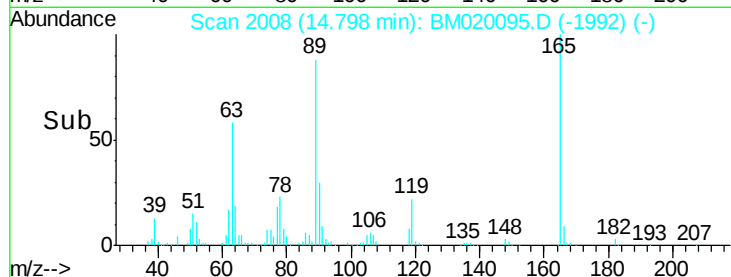
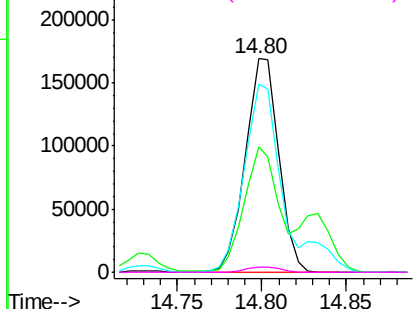
#57
2,4-Dinitrotoluene
Concen: 37.208 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 233850
Ion Ratio Lower Upper
165 100
63 58.8 46.2 69.2
89 88.2 70.6 105.8
182 2.6 2.2 3.2

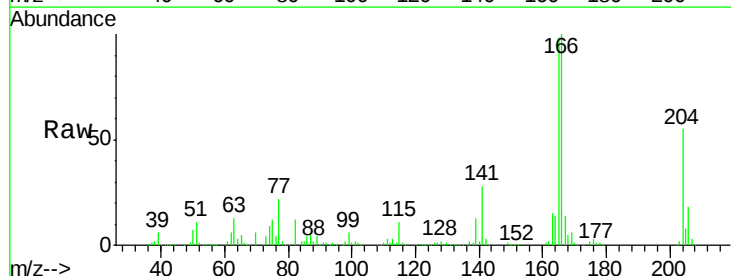


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

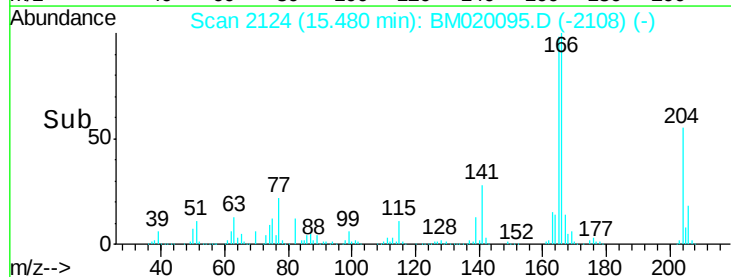
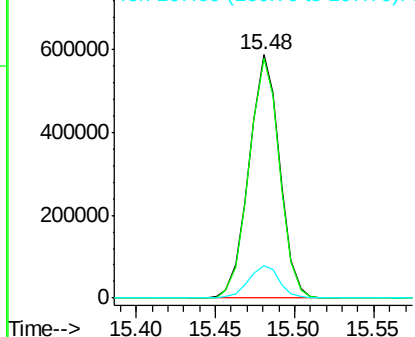


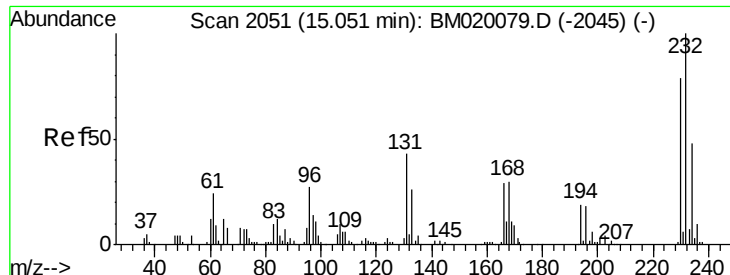
#58
Fluorene
Concen: 36.580 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:166 Resp: 789686
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 13.6 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

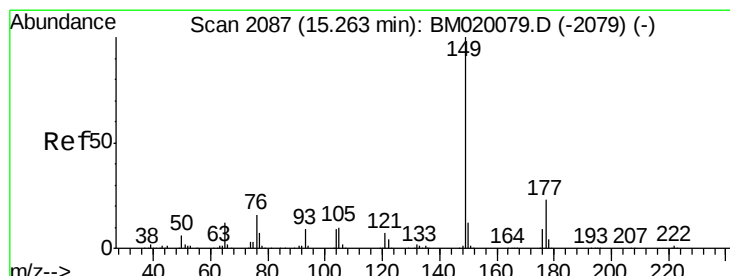
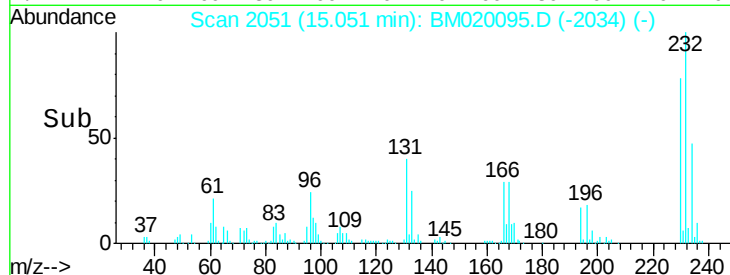
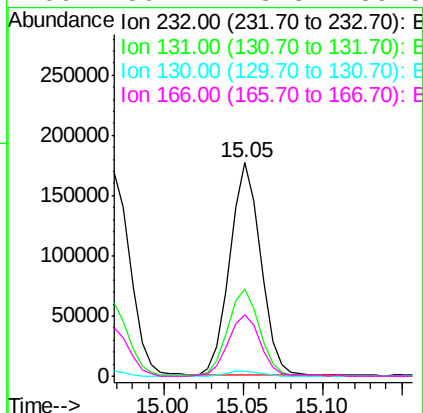
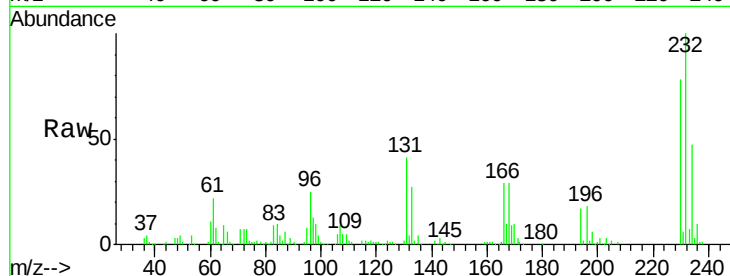




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.391 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

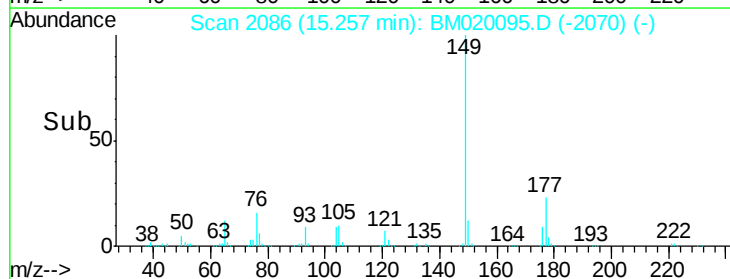
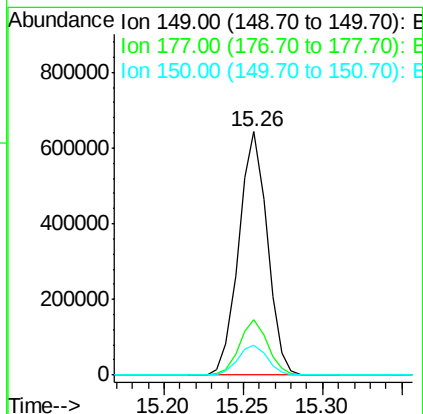
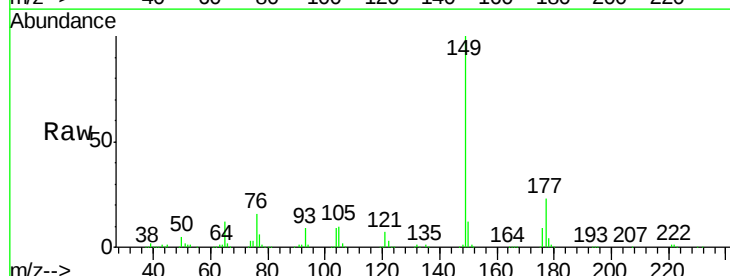
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:	232	Resp:	240247
Ion	Ratio	Lower	Upper
232	100		
131	41.5	34.2	51.4
130	2.5	2.0	3.0
166	30.2	23.8	35.8



#60
 Diethylphthalate
 Concen: 36.294 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:	149	Resp:	802997
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.5	9.9	14.9

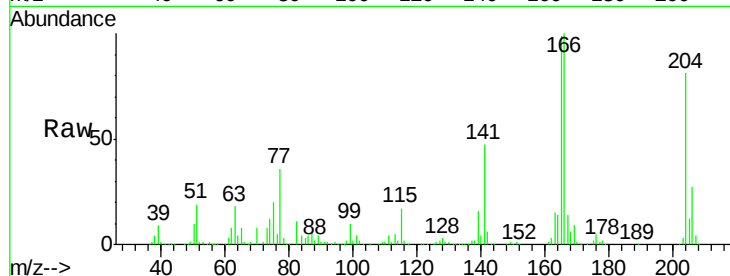




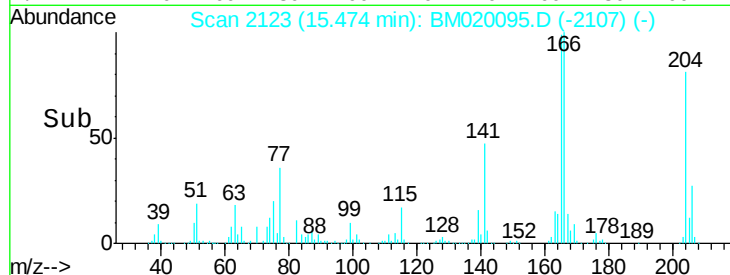
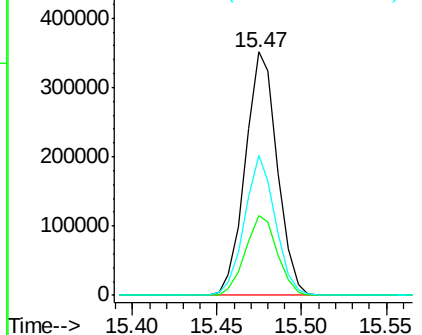
#61
 4-Chlorophenyl-phenylether
 Concen: 37.866 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 463170
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.6 38.4
 141 57.6 46.1 69.1

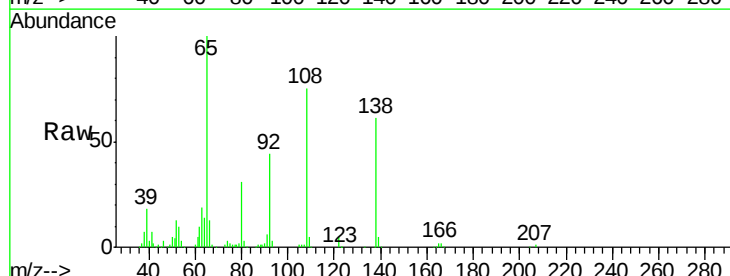


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

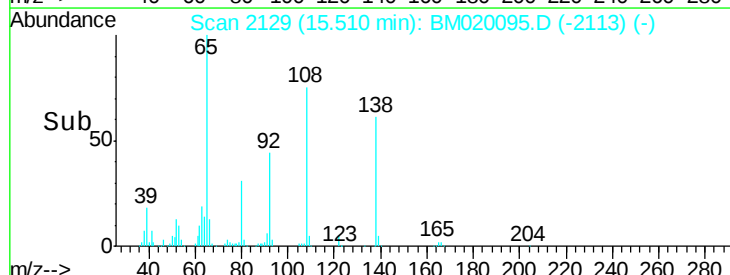
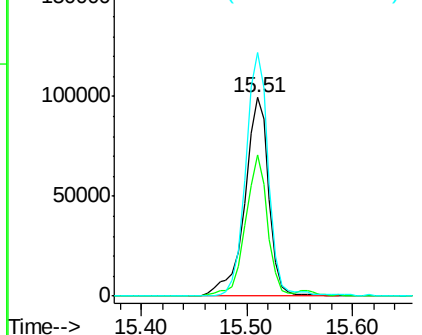


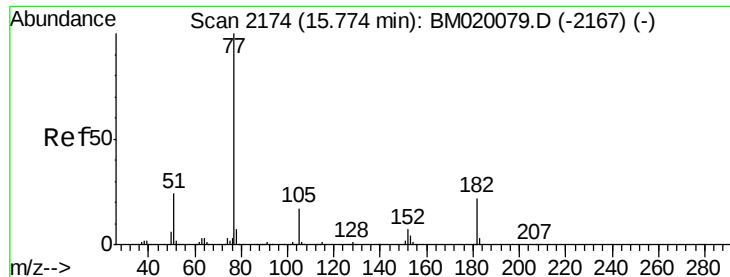
#62
 4-Nitroaniline
 Concen: 33.429 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:138 Resp: 158371
 Ion Ratio Lower Upper
 138 100
 92 71.1 45.9 85.9
 108 122.8 97.7 137.7



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

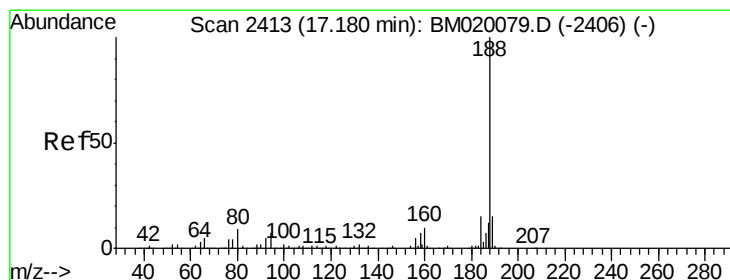
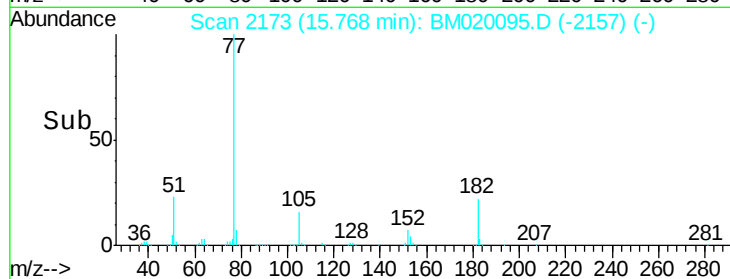
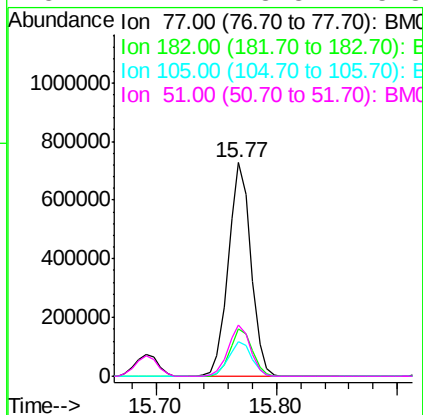
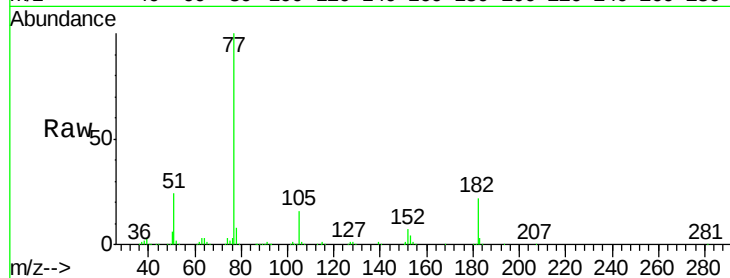




#63
Azobenzene
Concen: 36.034 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

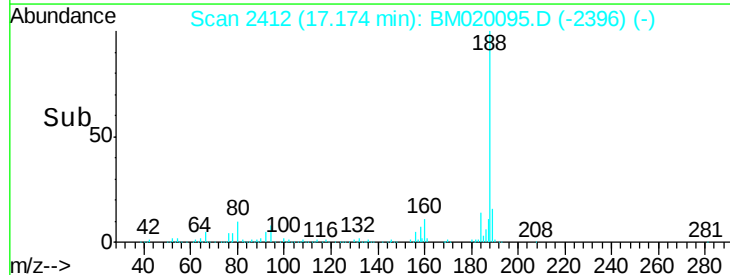
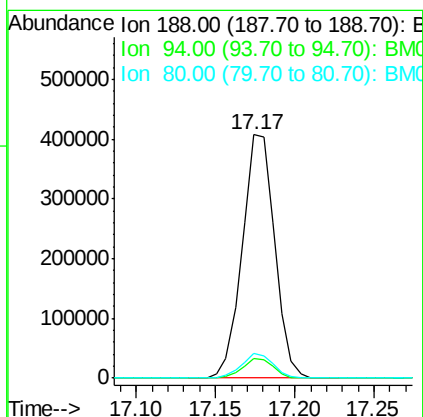
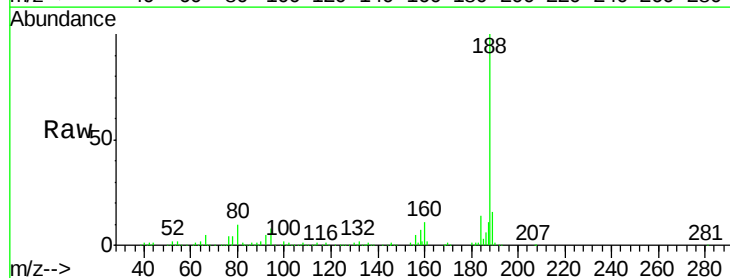
Instrument :
BNA_M
ClientSampleId :

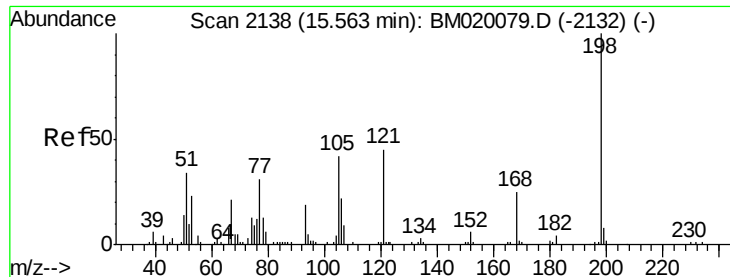
Tot Ion:	77	Resp:	940512
Ion	Ratio	Lower	Upper
77	100		
182	22.0	2.1	42.1
105	16.0	0.0	36.8
51	24.1	3.8	43.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:	188	Resp:	576690
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	10.3	7.4	11.2

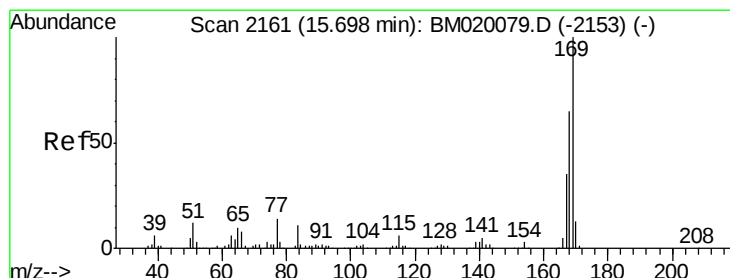
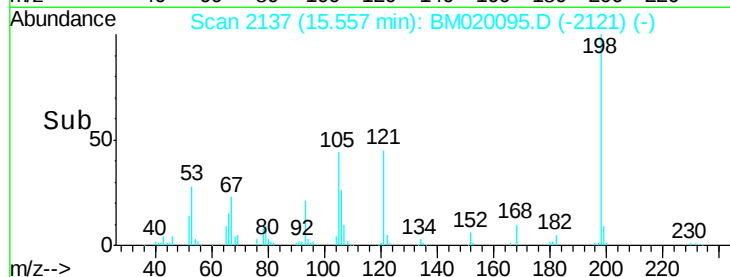
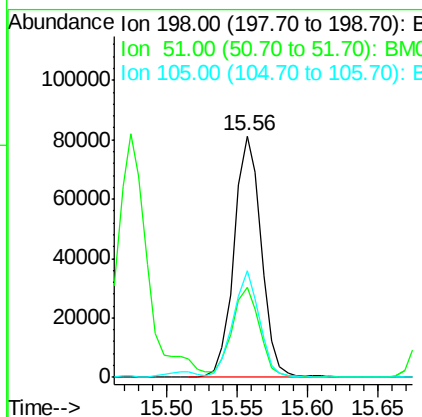
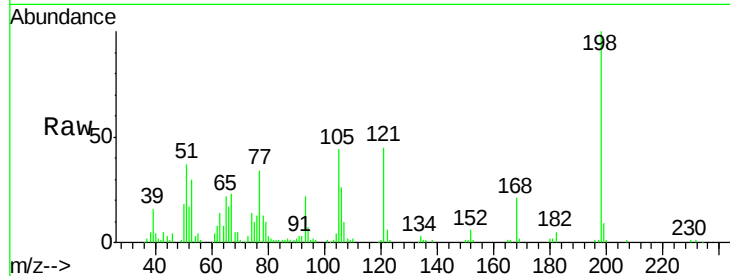




#65
4,6-Dinitro-2-methylphenol
Concen: 39.053 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

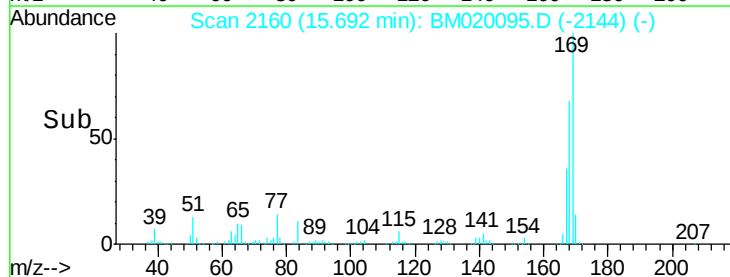
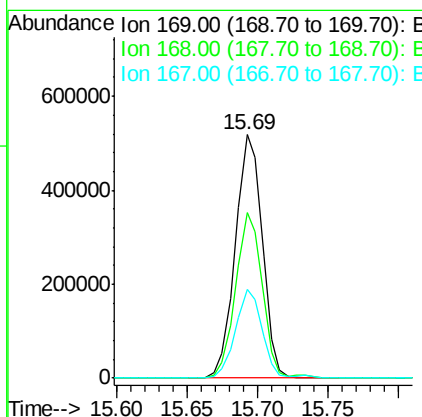
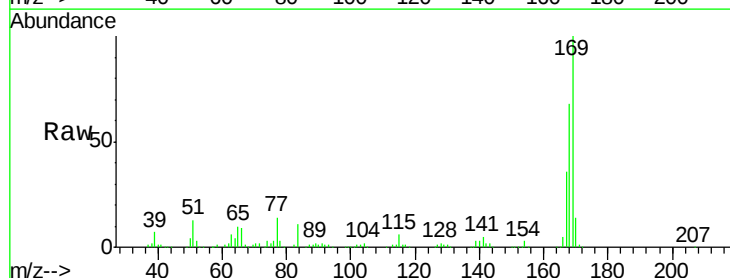
Instrument :
BNA_M
ClientSampled :

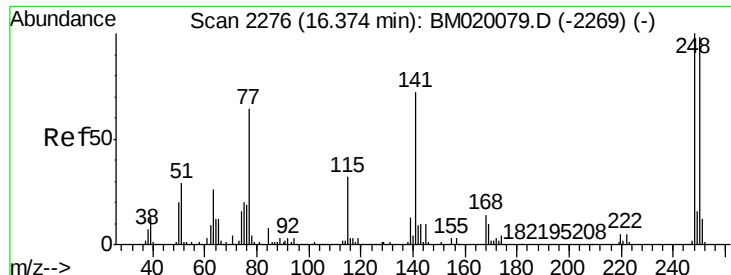
Tot Ion	198	Resp	109068
Ion Ratio	100	Lower	Upper
51	37.2	16.5	56.5
105	44.5	22.8	62.8



#66
n-Nitrosodiphenylamine
Concen: 40.683 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion	169	Resp	690364
Ion Ratio	100	Lower	Upper
168	68.1	51.9	77.9
167	36.4	27.8	41.6

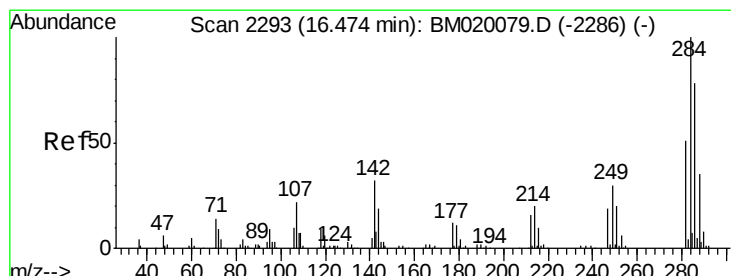
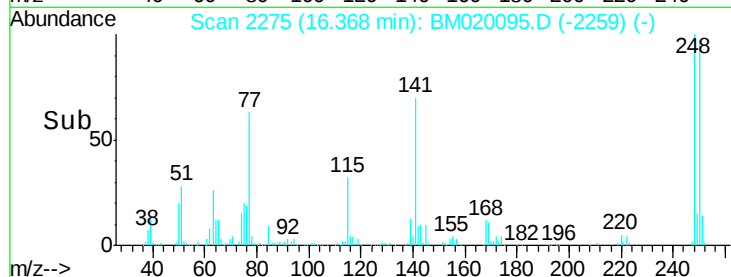
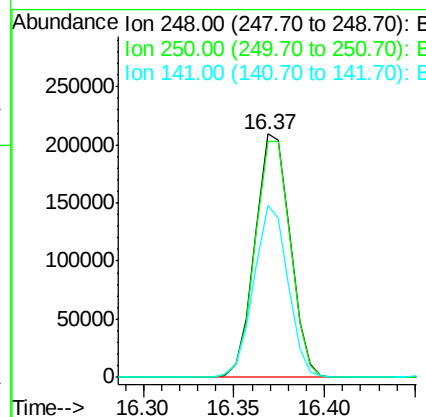
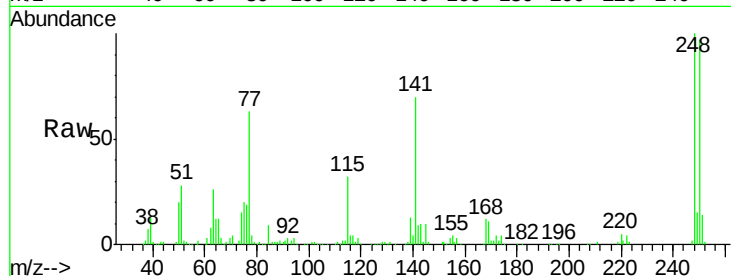




#67
4-Bromophenyl-phenylether
Concen: 39.864 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

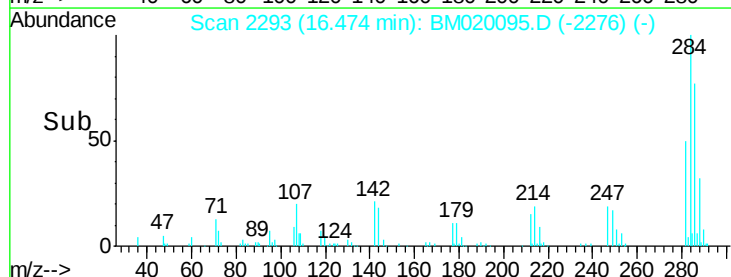
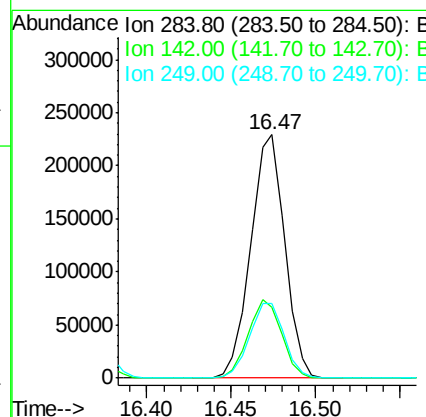
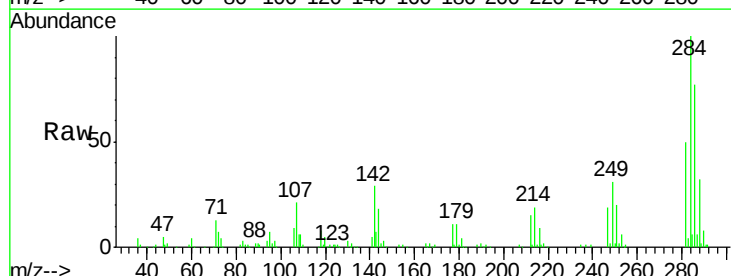
Instrument :
BNA_M
ClientSampled :

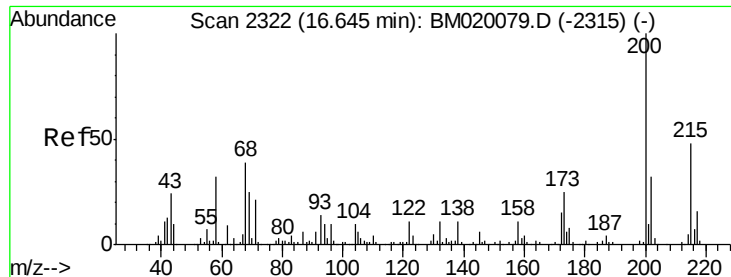
Tot Ion:248 Resp: 281906
Ion Ratio Lower Upper
248 100
250 96.9 78.4 117.6
141 70.4 57.4 86.2



#68
Hexachlorobenzene
Concen: 39.563 ng
RT: 16.47 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:284 Resp: 321950
Ion Ratio Lower Upper
284 100
142 29.1 25.2 37.8
249 30.5 23.6 35.4

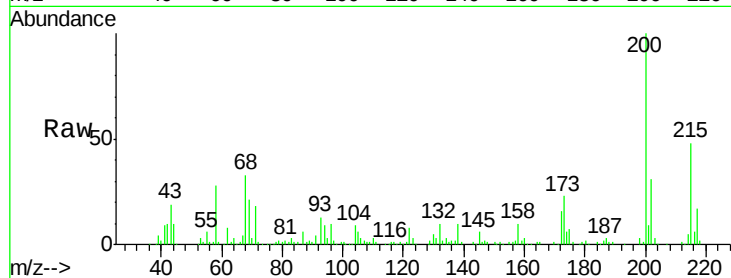




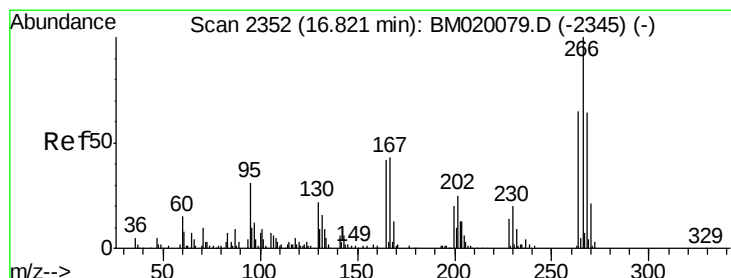
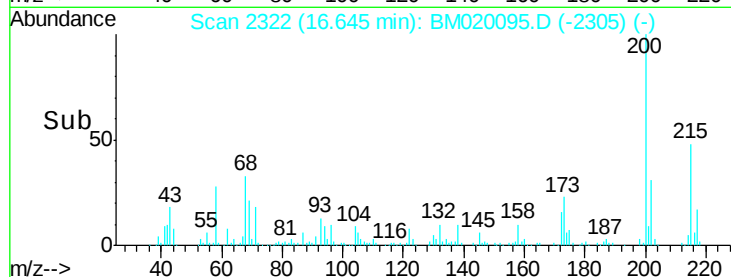
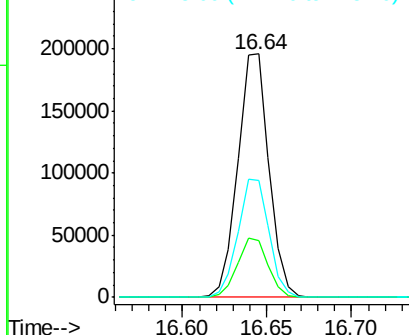
#69
 Atrazine
 Concen: 37.992 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.6	44.6
215	48.0	28.0	68.0

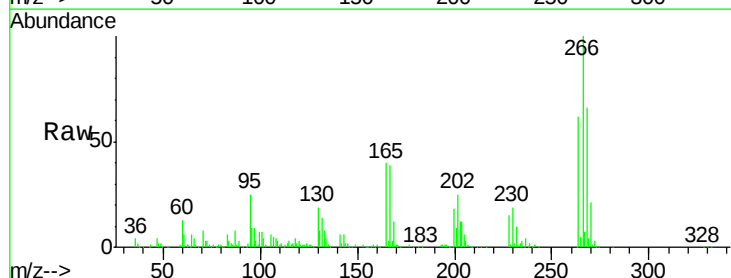


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

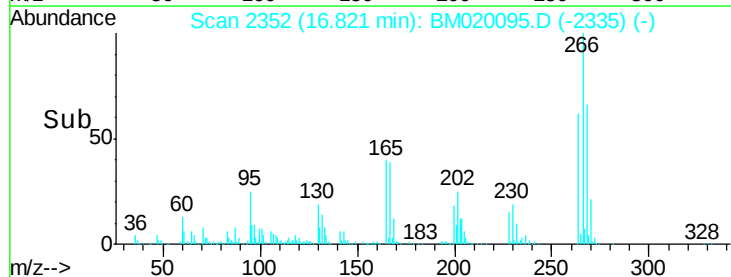
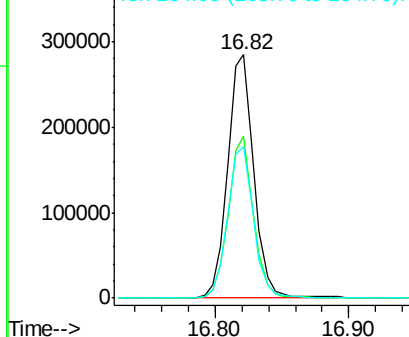


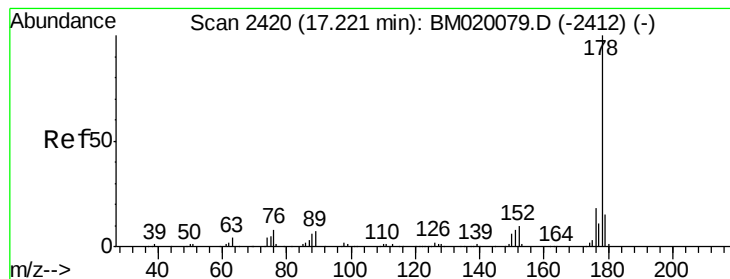
#70
 Pentachlorophenol
 Concen: 84.025 ng
 RT: 16.82 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.4	77.0
264	62.0	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.808 ng

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

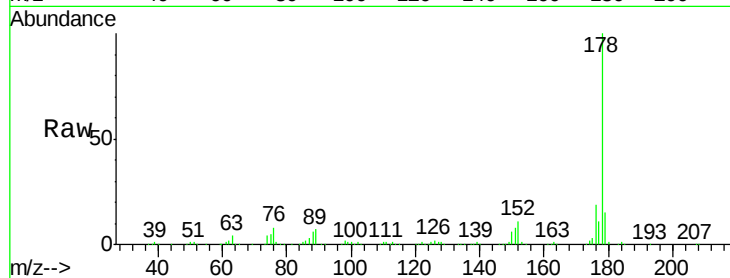
Tot Ion:178 Resp: 1235404

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

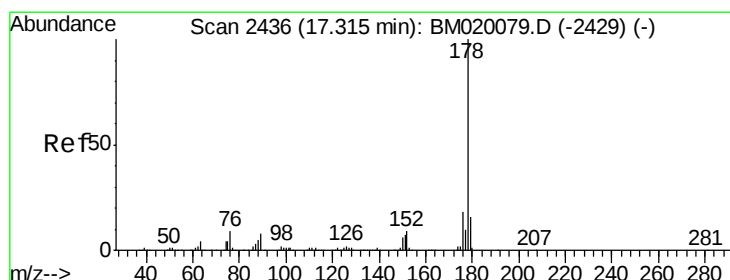
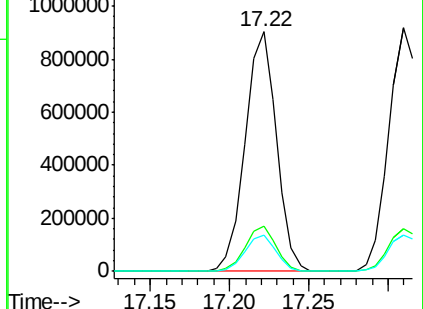
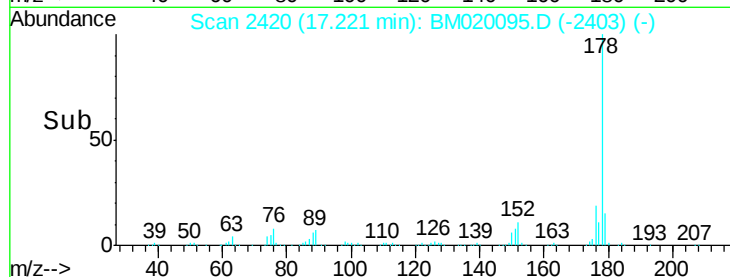
179 15.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.589 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

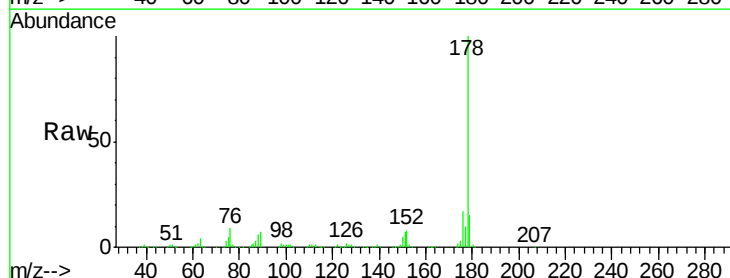
Tgt Ion:178 Resp: 1260050

Ion Ratio Lower Upper

178 100

176 17.4 14.6 22.0

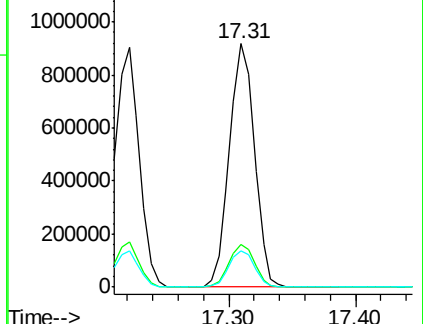
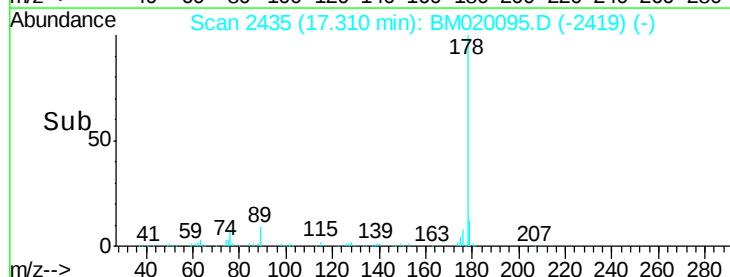
179 15.0 12.4 18.6

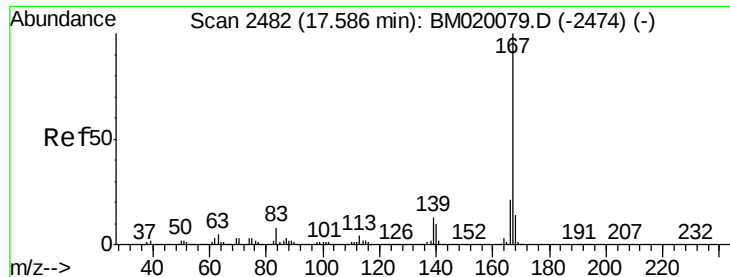


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



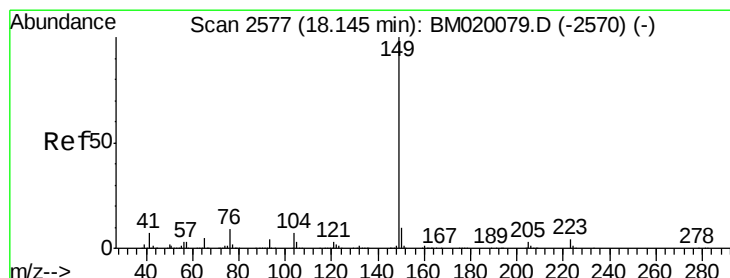
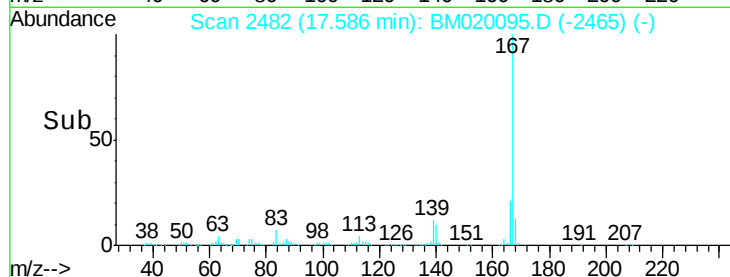
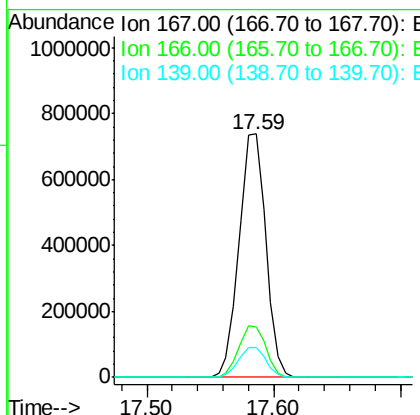
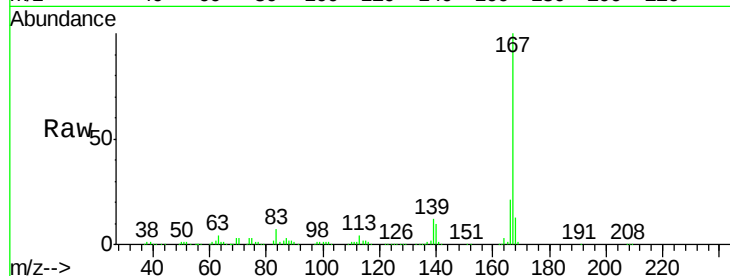


#73
 Carbazole
 Concen: 37.654 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1081377

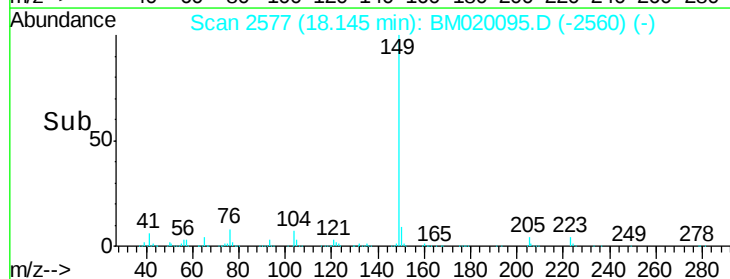
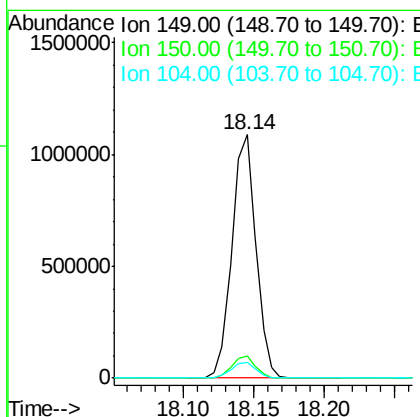
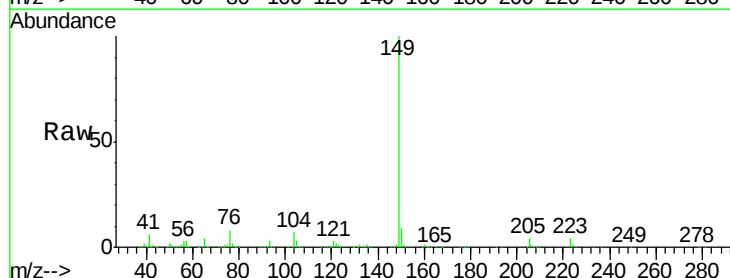
Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.1	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 37.248 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BM020095.D
 Acq: 01 May 2019 18:04

Tgt Ion:149 Resp: 1287344

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	6.5	5.7	8.5





#75

Fluoranthene

Concen: 36.594 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampled :

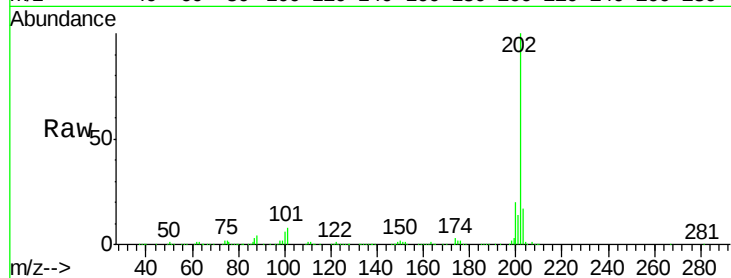
Tot Ion:202 Resp: 1473923

Ion Ratio Lower Upper

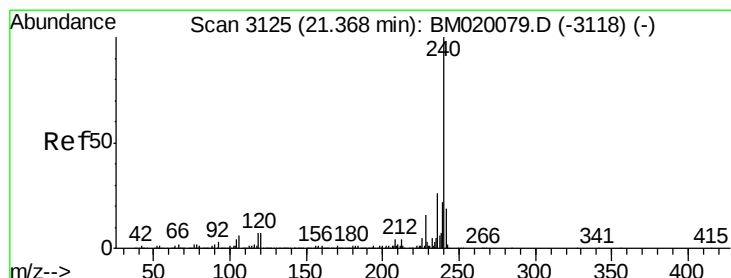
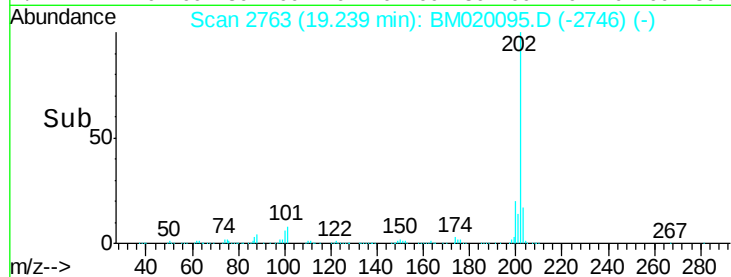
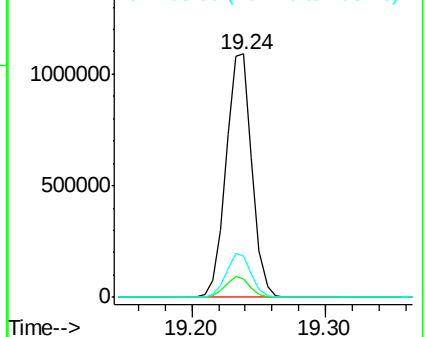
202 100

101 7.7 0.0 28.4

203 17.2 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: BM020095.D

Acq: 01 May 2019 18:04

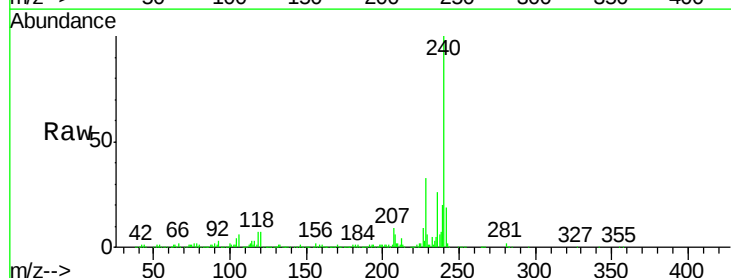
Tgt Ion:240 Resp: 563660

Ion Ratio Lower Upper

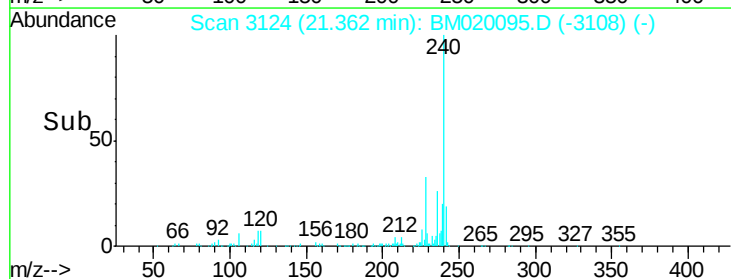
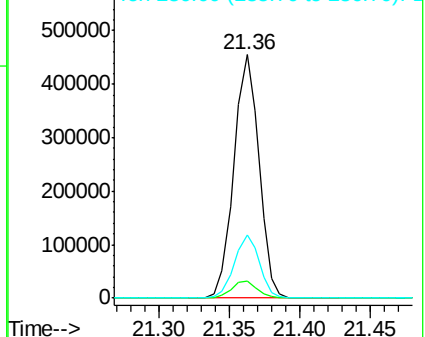
240 100

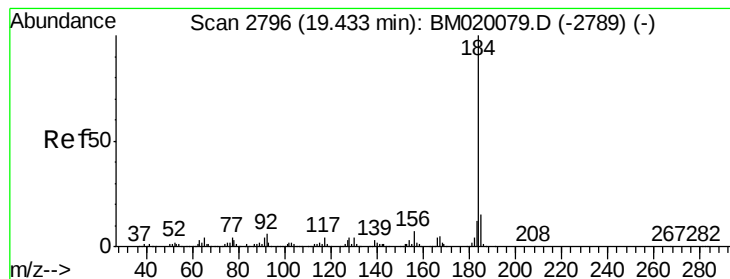
120 7.1 5.6 8.4

236 26.2 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: 27.377 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampled :

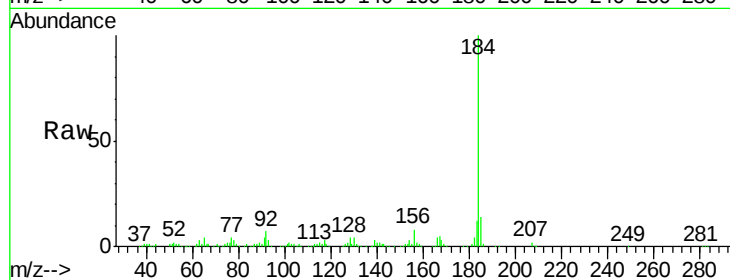
Tot Ion:184 Resp: 493349

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

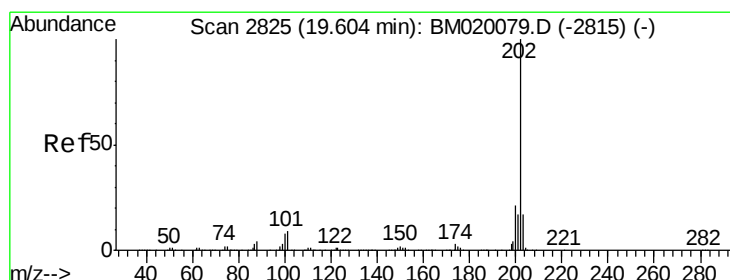
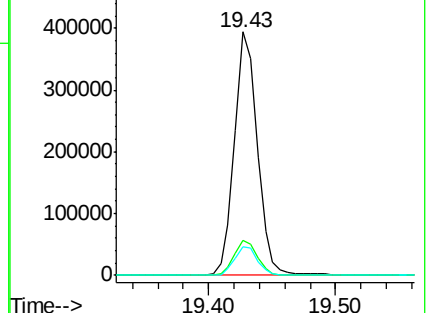
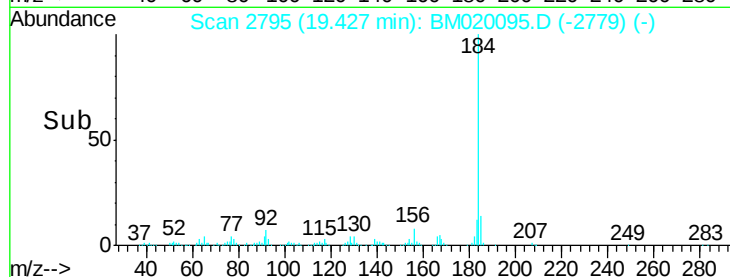
183 11.8 9.5 14.3



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: 39.742 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

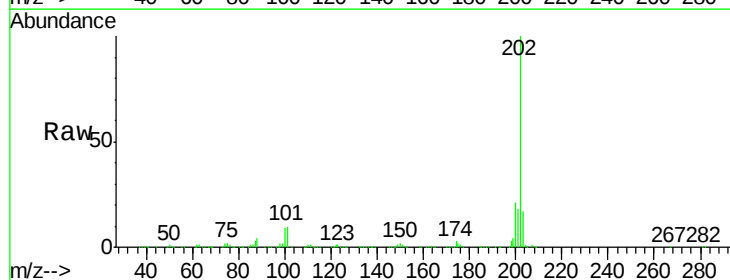
Tgt Ion:202 Resp: 1503980

Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

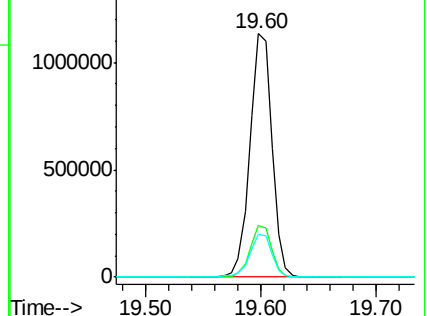
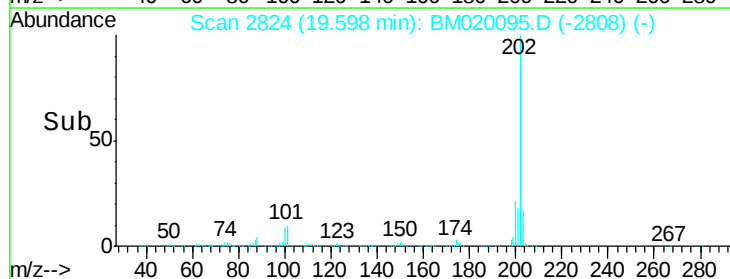
203 17.4 13.9 20.9

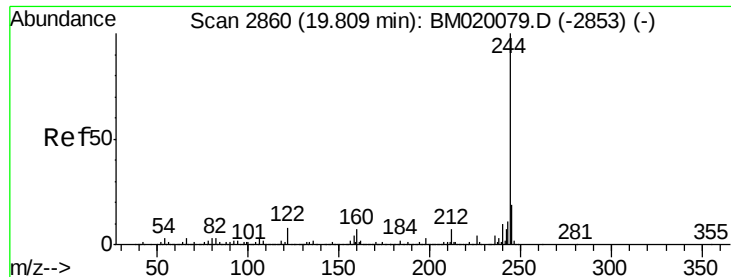


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.085 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

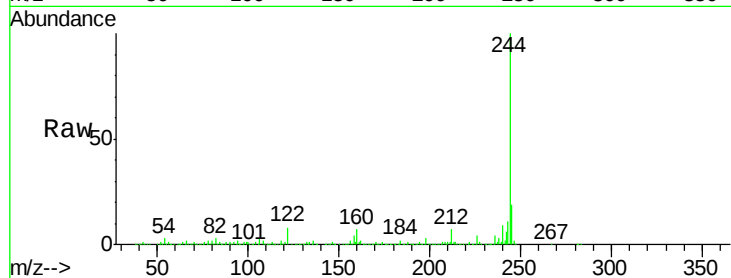
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 2523385

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.9	6.2	9.2

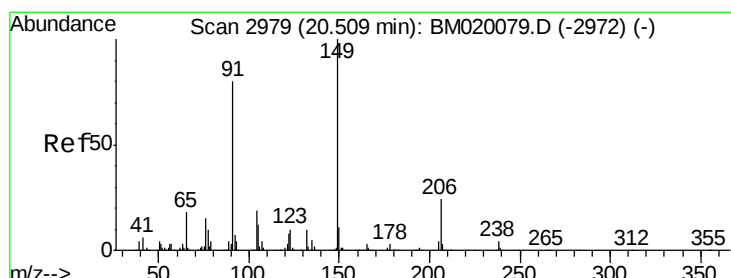
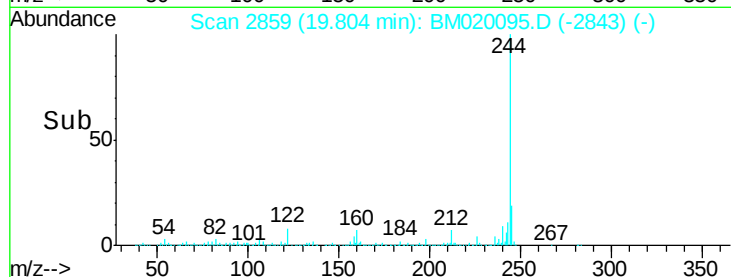
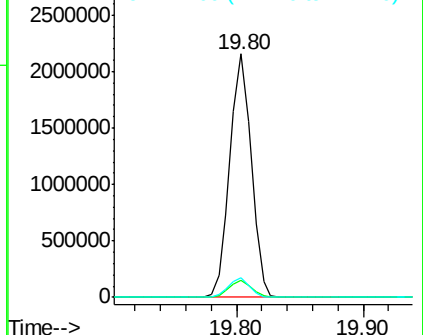


Abundance

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: 39.503 ng

RT: 20.50 min Scan# 2978

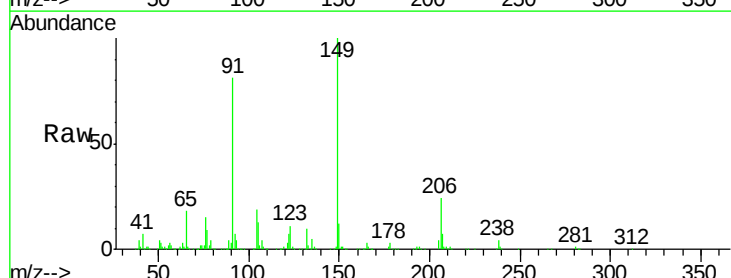
Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Tgt Ion:149 Resp: 543631

Ion	Ratio	Lower	Upper
149	100		
91	81.2	63.8	95.8
206	24.0	18.9	28.3

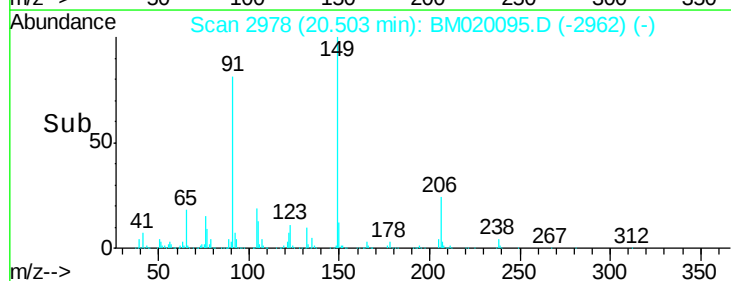
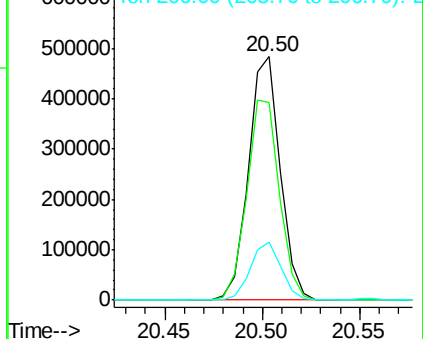


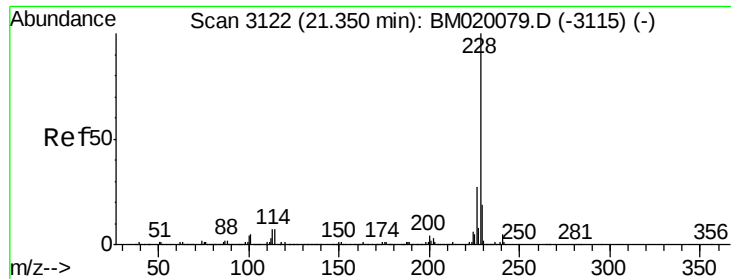
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

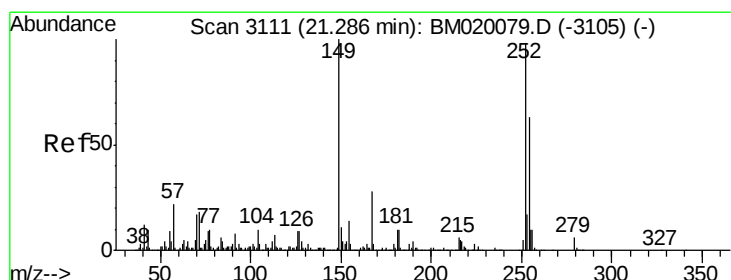
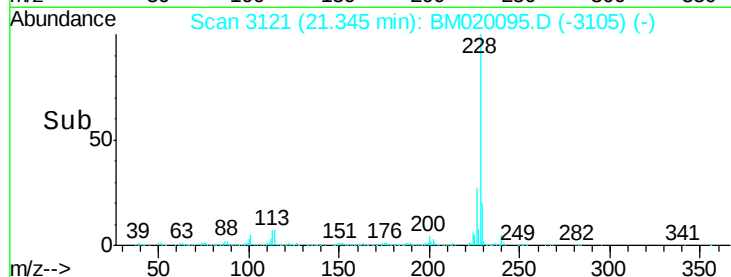
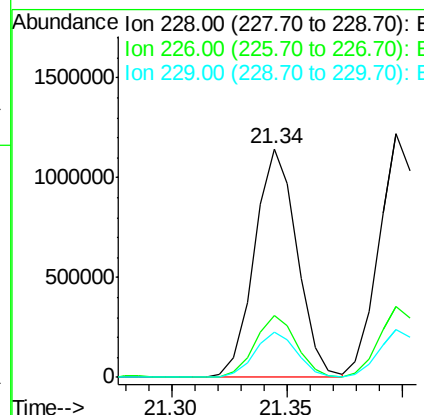
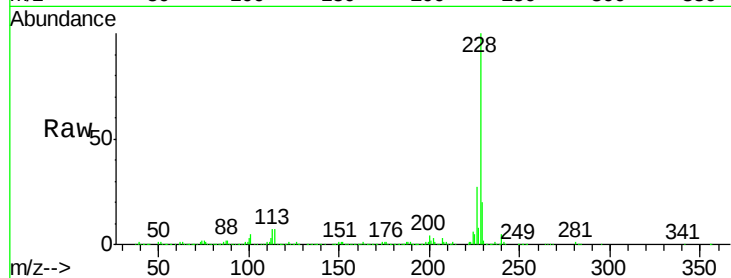




#81
Benzo(a)anthracene
Concen: 37.201 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

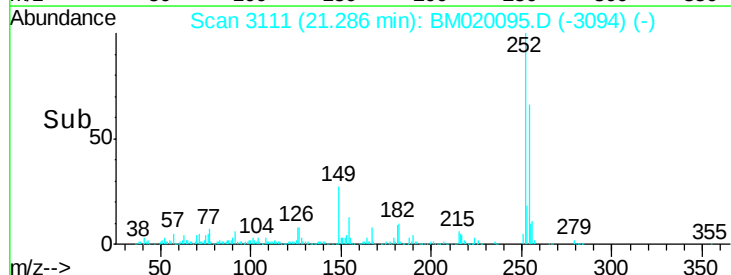
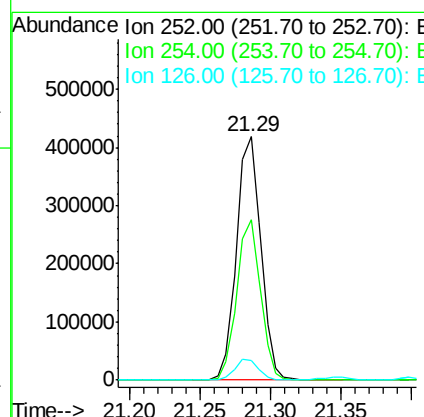
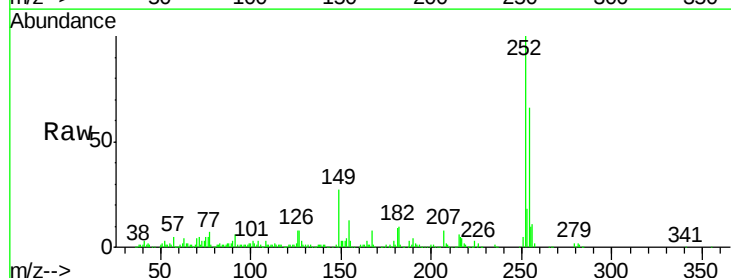
Instrument :
BNA_M
ClientSampleId :

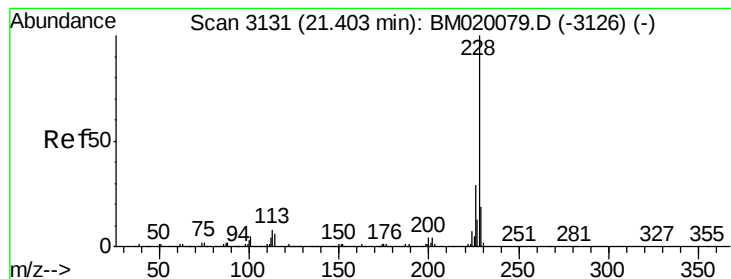
Tot Ion:228 Resp: 1470553
Ion Ratio Lower Upper
228 100
226 26.9 21.3 31.9
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 33.485 ng
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:252 Resp: 505195
Ion Ratio Lower Upper
252 100
254 66.1 51.1 76.7
126 8.2 7.1 10.7





#83

Chrysene

Concen: 38.062 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

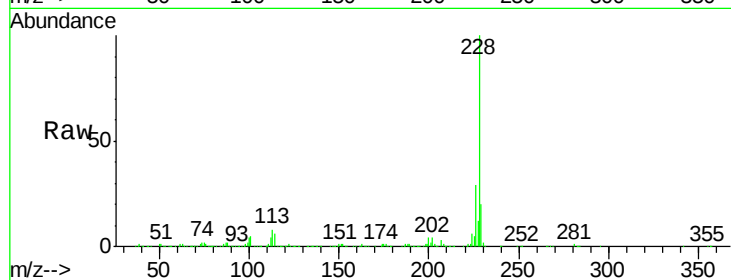
Tot Ion:228 Resp: 1459175

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.6

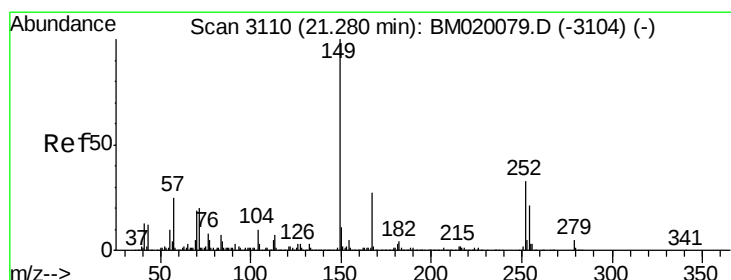
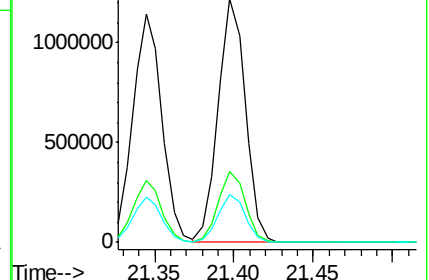
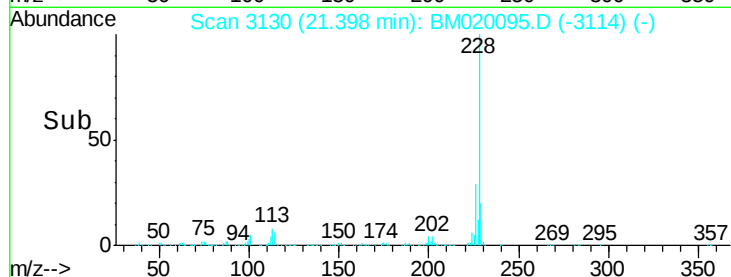
229 19.5 15.5 23.3



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: 38.223 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

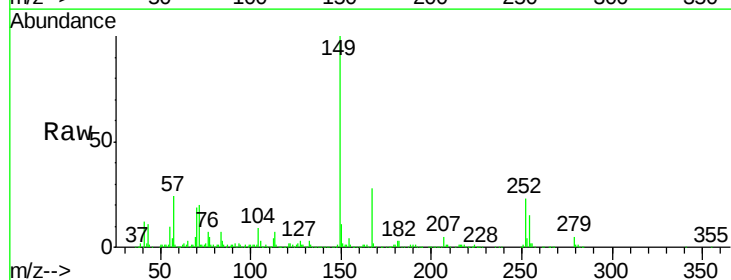
Tgt Ion:149 Resp: 816250

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

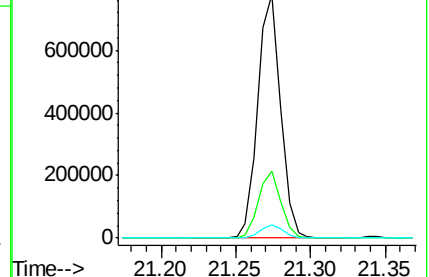
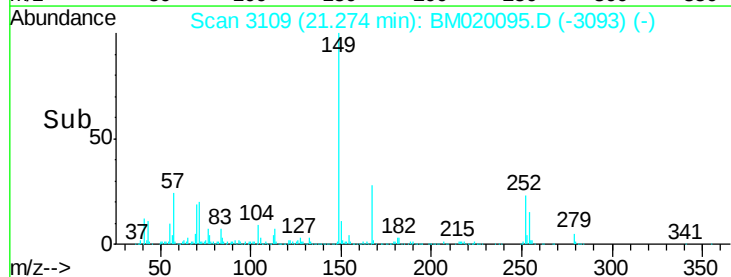
279 5.4 4.2 6.2

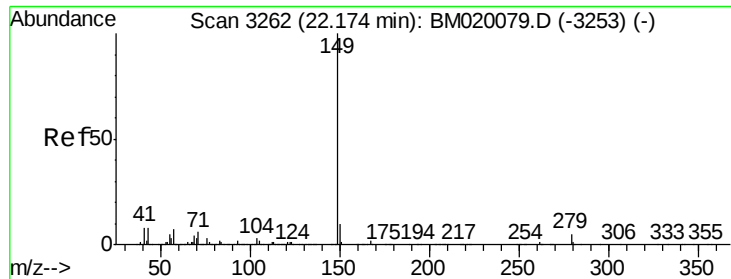


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.352 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampled :

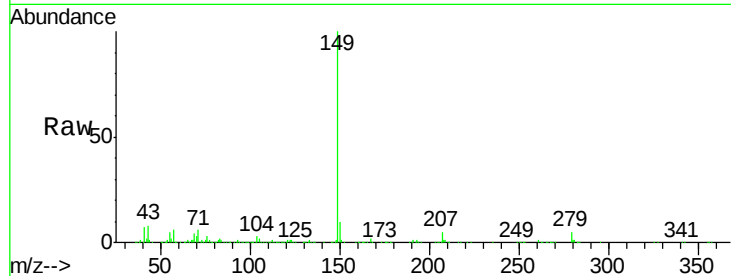
Tot Ion:149 Resp: 1361232

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

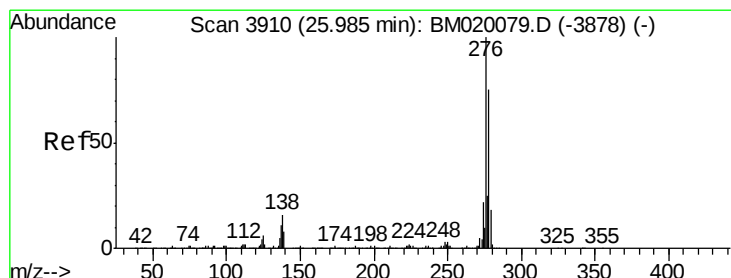
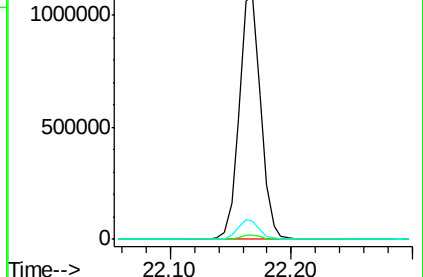
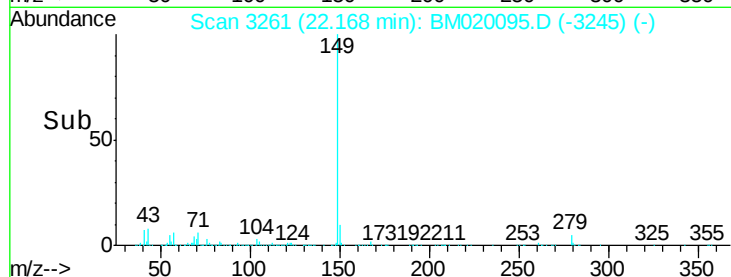
43 7.9 6.5 9.7



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: 42.565 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

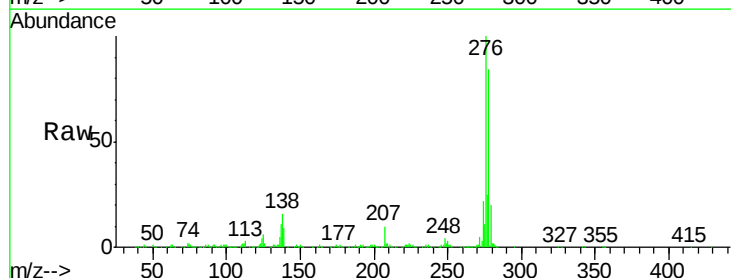
Tgt Ion:276 Resp: 1940984

Ion Ratio Lower Upper

276 100

138 16.5 0.0 0.0#

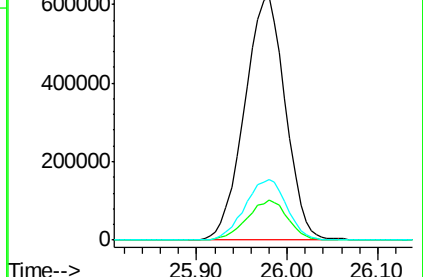
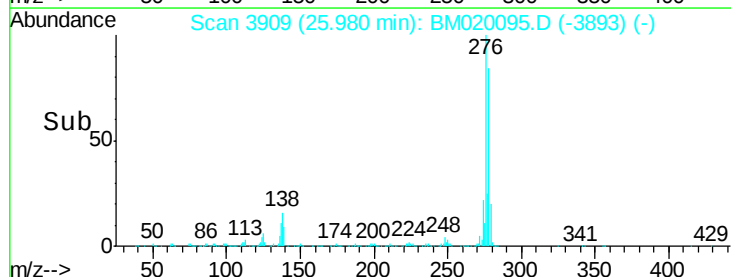
277 25.4 0.0 0.0#

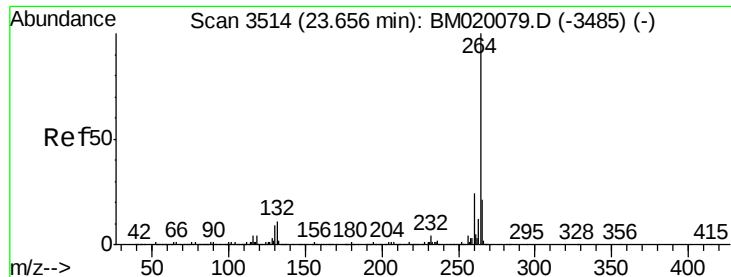


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

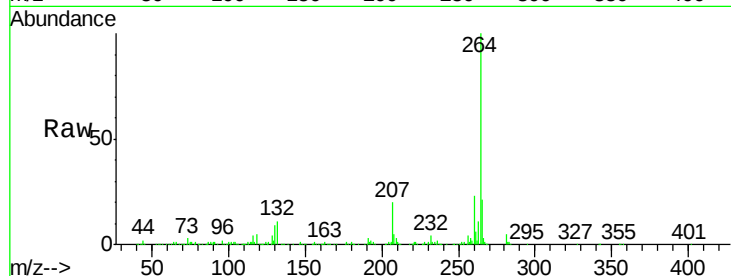
Tot Ion:264 Resp: 547468

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

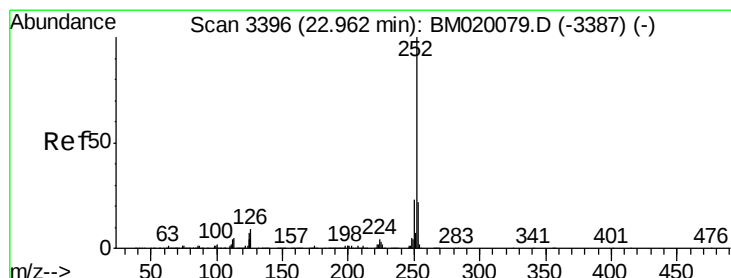
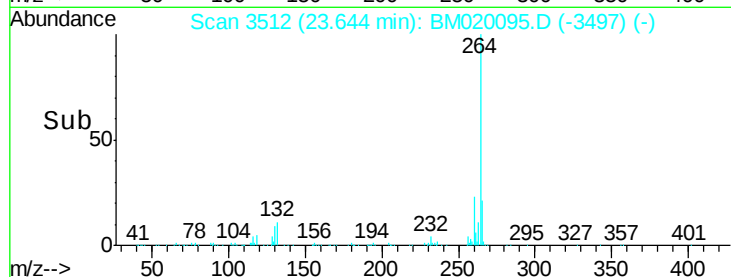
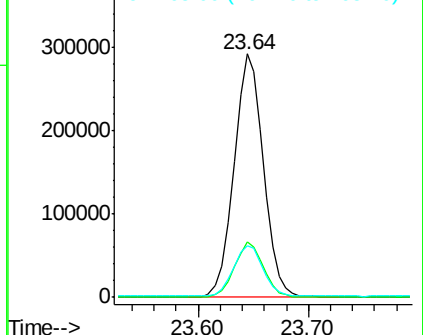
265 21.4 16.9 25.3



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: 44.068 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

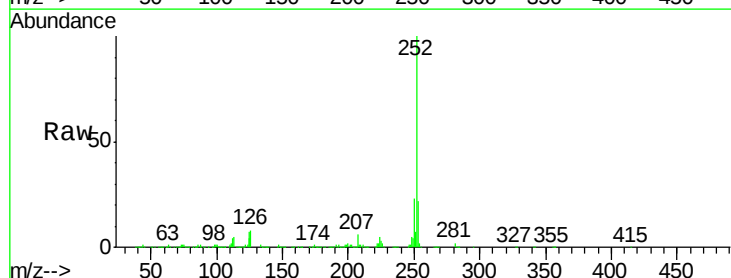
Tgt Ion:252 Resp: 1593125

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

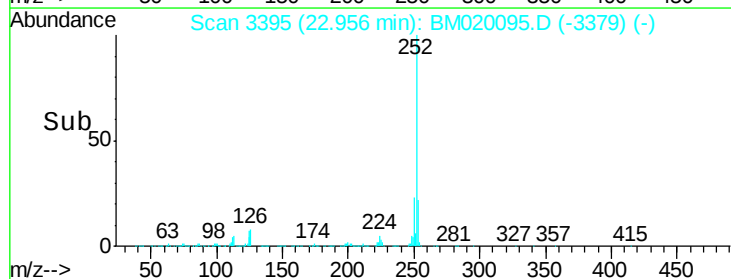
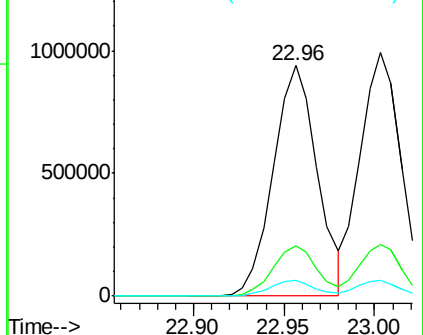
125 6.8 5.4 8.2

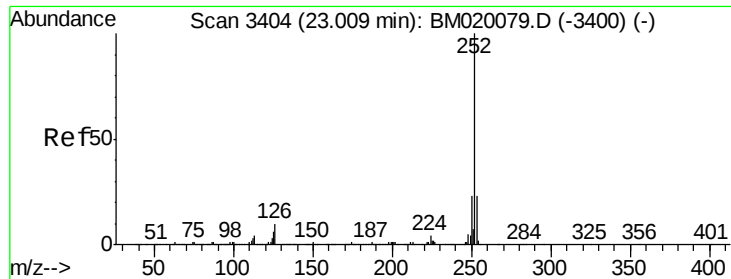


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

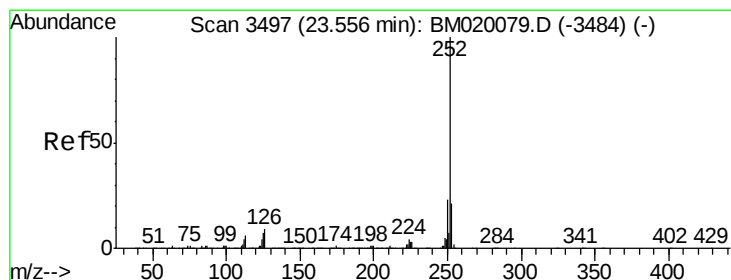
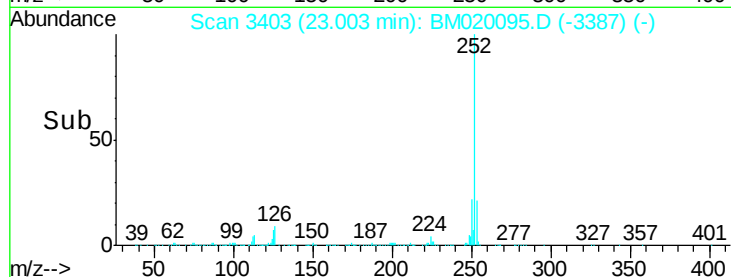
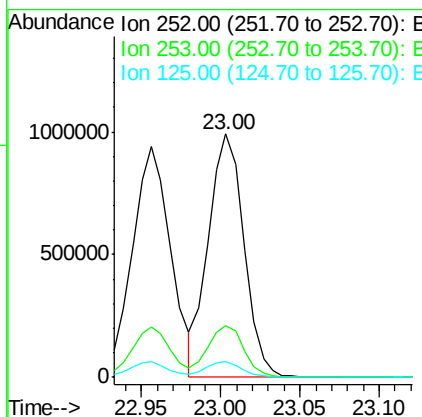
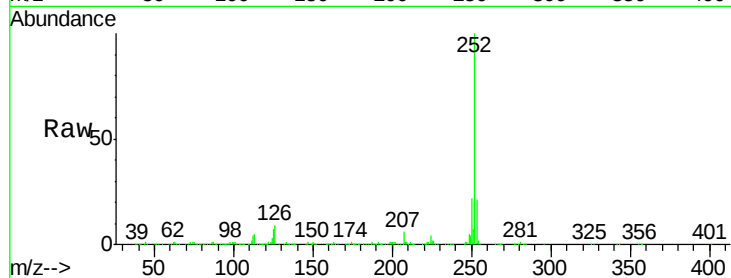




#89
Benzo(k)fluoranthene
Concen: 46.790 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

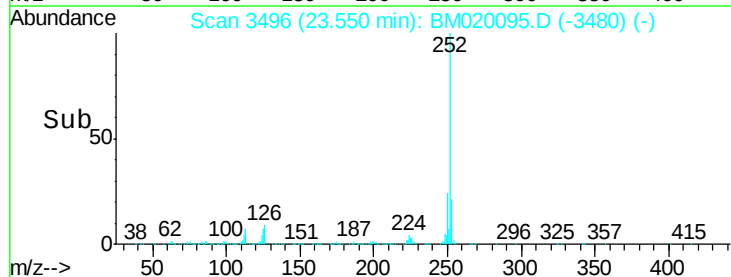
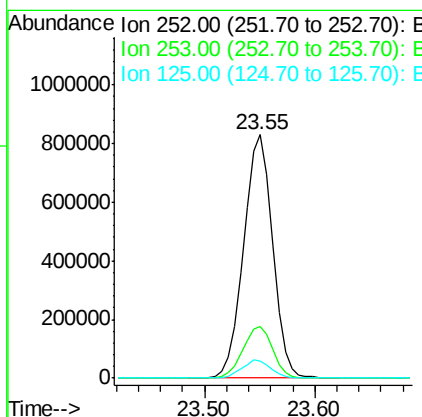
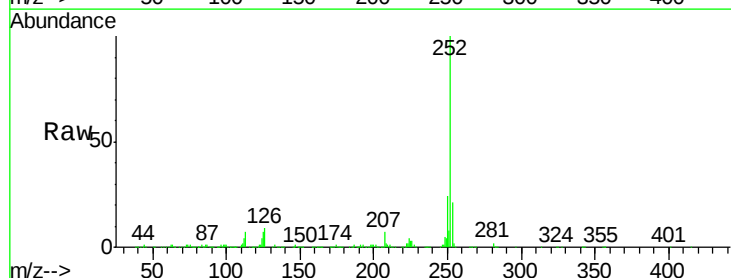
Instrument :
BNA_M
ClientSampled :

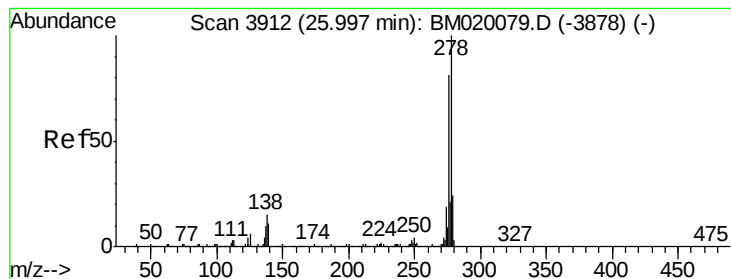
Tot Ion:252 Resp: 1543019
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.7 5.4 8.0



#90
Benzo(a)pyrene
Concen: 46.717 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020095.D
Acq: 01 May 2019 18:04

Tgt Ion:252 Resp: 1534077
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 7.1 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 48.785 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

Instrument :

BNA_M

ClientSampleId :

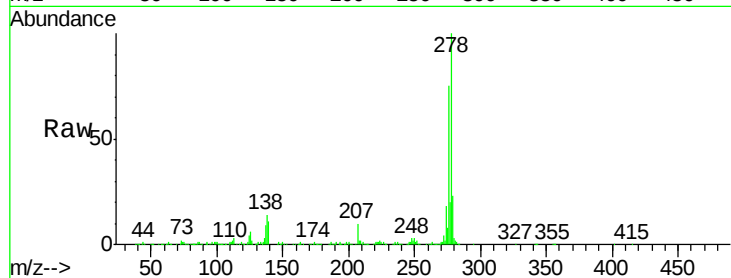
Tot Ion:278 Resp: 1665976

Ion Ratio Lower Upper

278 100

139 10.5 8.6 13.0

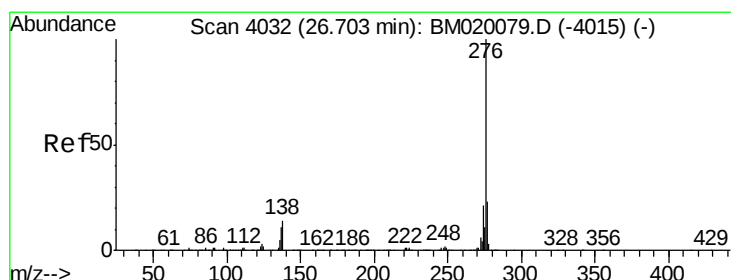
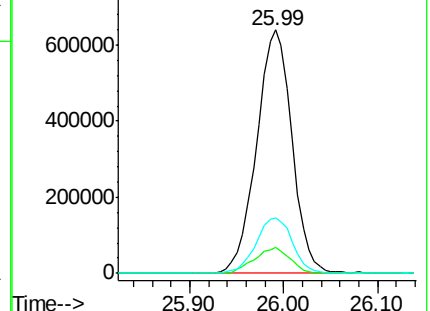
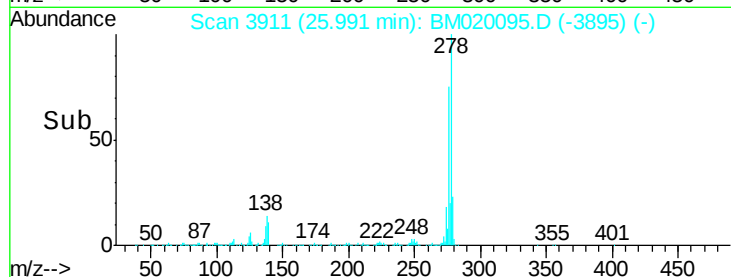
279 23.0 18.8 28.2



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: 50.020 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020095.D

Acq: 01 May 2019 18:04

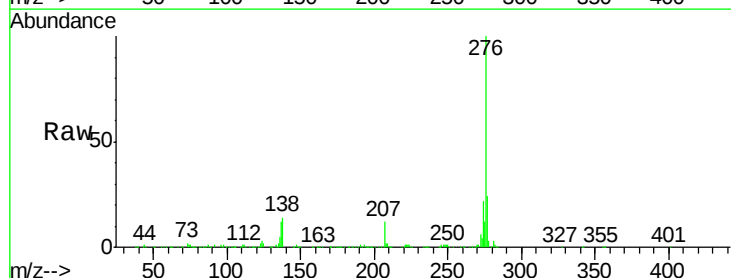
Tgt Ion:276 Resp: 1621743

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 14.4 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

