

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020099.D
 Acq On : 01 May 2019 20:30
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 01:32:07 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	116507	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	470004	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	302331	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	726025	20.00	ng	0.00
76) Chrysene-d12	21.36	240	803161	20.00	ng	0.00
87) Perylene-d12	23.65	264	903030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	558567	78.37	ng	0.00
7) Phenol-d6	6.95	99	770594	79.14	ng	0.00
23) Nitrobenzene-d5	8.96	82	928537	78.00	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	373188	79.52	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1855190	75.50	ng	0.00
79) Terphenyl-d14	19.80	244	3486430	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	131643	37.658	ng	96
3) Pyridine	3.70	79	377613	42.237	ng	99
4) n-Nitrosodimethylamine	3.62	42	115931	40.438	ng	90
6) Aniline	7.12	93	484285	39.509	ng	99
8) 2-Chlorophenol	7.35	128	303648	39.126	ng	99
9) Benzaldehyde	6.94	77	287527	39.014	ng	98
10) Phenol	6.97	94	413873	39.482	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	295959	38.845	ng	100
12) 1,3-Dichlorobenzene	7.67	146	348347	38.578	ng	97
13) 1,4-Dichlorobenzene	7.83	146	354401	38.852	ng	97
14) 1,2-Dichlorobenzene	8.14	146	331677	38.166	ng	98
15) Benzyl Alcohol	8.03	79	372463	39.669	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	235077	37.210	ng	98
17) 2-Methylphenol	8.22	107	268488	39.788	ng	97
18) Hexachloroethane	8.86	117	147739	38.844	ng	98
19) n-Nitroso-di-n-propylamine	8.60	70	326230	39.160	ng	98
20) 3+4-Methylphenols	8.55	107	359516	40.087	ng	97
22) Acetophenone	8.62	105	495288	38.558	ng	# 97
24) Nitrobenzene	9.00	77	476453	38.600	ng	97
25) Isophorone	9.52	82	802462	39.088	ng	99
26) 2-Nitrophenol	9.70	139	156402	41.971	ng	98
27) 2,4-Dimethylphenol	9.75	122	240068	38.696	ng	100
28) bis(2-Chloroethoxy)methane	10.00	93	431917	38.629	ng	100
29) 2,4-Dichlorophenol	10.22	162	314005	40.139	ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	375234	38.982	ng	100
31) Naphthalene	10.63	128	942111	38.626	ng	99
32) Benzoic acid	9.87	122	164997	38.842	ng	94
33) 4-Chloroaniline	10.75	127	394398	39.288	ng	99
34) Hexachlorobutadiene	10.90	225	260663	38.280	ng	97
35) Caprolactam	11.53	113	97222	41.562	ng	87
36) 4-Chloro-3-methylphenol	11.86	107	368158	40.047	ng	98
37) 2-Methylnaphthalene	12.25	142	697684	39.237	ng	99
38) 1-Methylnaphthalene	12.47	142	676273	38.894	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	455242	38.487	ng	98

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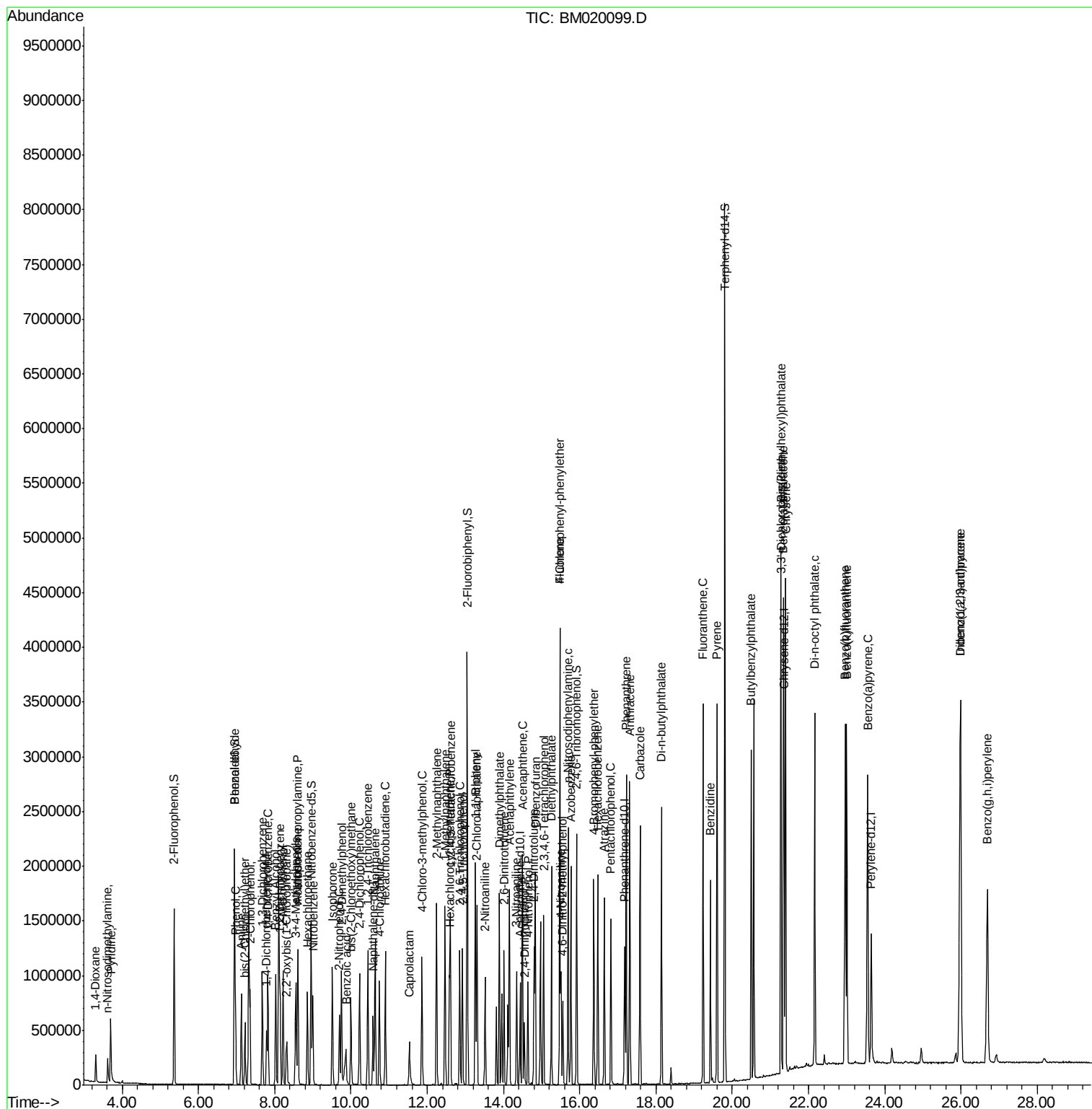
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	263786	37.875	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	268263	39.906	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	294859	39.263	ng	97
46) 1,1'-Biphenyl	13.26	154	939001	37.734	ng	98
47) 2-Chloronaphthalene	13.30	162	739560	37.223	ng	99
48) 2-Nitroaniline	13.52	65	279048	39.450	ng	98
49) Acenaphthylene	14.16	152	1199516	37.724	ng	99
50) Dimethylphthalate	13.89	163	974801	37.936	ng	99
51) 2,6-Dinitrotoluene	14.02	165	213337	39.419	ng	97
52) Acenaphthene	14.50	154	699278	38.349	ng	98
53) 3-Nitroaniline	14.35	138	197916	39.401	ng	99
54) 2,4-Dinitrophenol	14.55	184	102530	42.288	ng	95
55) Dibenzofuran	14.83	168	1167994	37.975	ng	98
56) 4-Nitrophenol	14.64	139	176639	41.216	ng	94
57) 2,4-Dinitrotoluene	14.80	165	293101	39.856	ng	99
58) Fluorene	15.48	166	954169	37.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	283399	39.711	ng	99
60) Diethylphthalate	15.26	149	966719	37.342	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	540837	37.788	ng	98
62) 4-Nitroaniline	15.52	138	218709	39.454	ng	98
63) Azobenzene	15.77	77	1132382	37.078	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	147869	41.505	ng	97
66) n-Nitrosodiphenylamine	15.69	169	822972	38.522	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	344949	38.745	ng	98
68) Hexachlorobenzene	16.47	284	394992	38.555	ng	98
69) Atrazine	16.64	200	325975	39.044	ng	98
70) Pentachlorophenol	16.82	266	245387	41.862	ng	98
71) Phenanthrene	17.22	178	1558930	38.898	ng	100
72) Anthracene	17.31	178	1557986	38.882	ng	99
73) Carbazole	17.59	167	1395623	38.600	ng	99
74) Di-n-butylphthalate	18.14	149	1671083	38.405	ng	99
75) Fluoranthene	19.23	202	2000617	39.454	ng	100
77) Benzidine	19.43	184	899056	35.013	ng	99
78) Pyrene	19.60	202	2039225	37.817	ng	99
80) Butylbenzylphthalate	20.50	149	768196	39.175	ng	93
81) Benzo(a)anthracene	21.34	228	2195824	38.984	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	864524	40.215	ng	99
83) Chrysene	21.40	228	2105901	38.551	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1168536	38.403	ng	100
85) Di-n-octyl phthalate	22.16	149	1980905	39.168	ng	99
86) Indeno(1,2,3-cd)pyrene	25.98	276	2622628	40.363	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2278737	38.214	ng	99
89) Benzo(k)fluoranthene	23.00	252	2110227	38.795	ng	99
90) Benzo(a)pyrene	23.55	252	2108738	38.932	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	2193984	38.950	ng	99
92) Benzo(g,h,i)perylene	26.69	276	2074347	38.788	ng	98

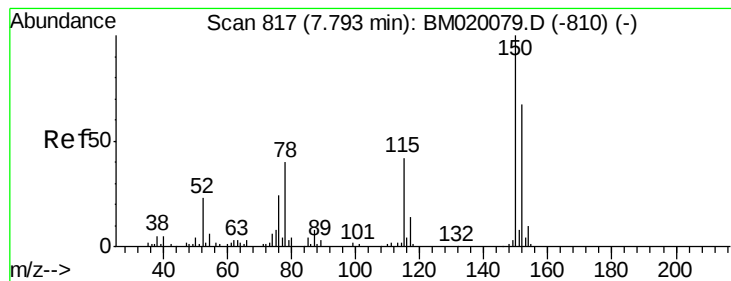
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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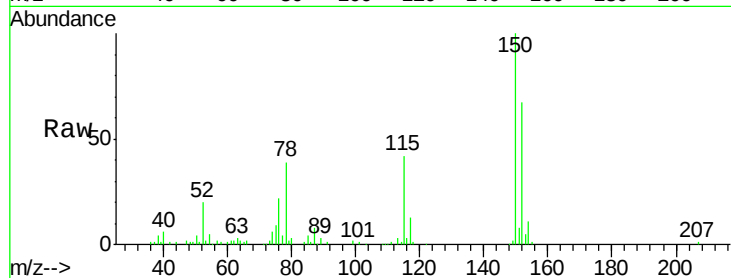


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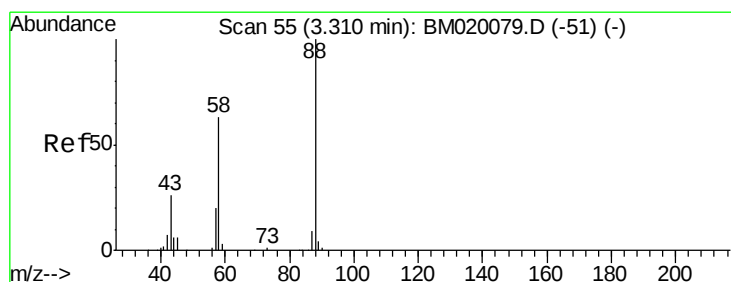
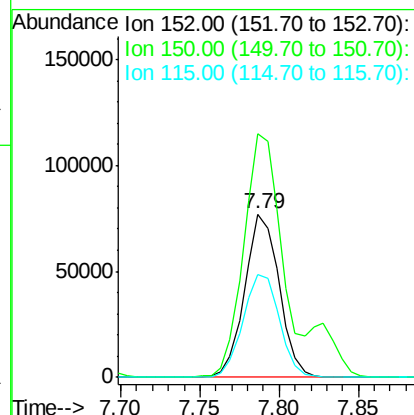
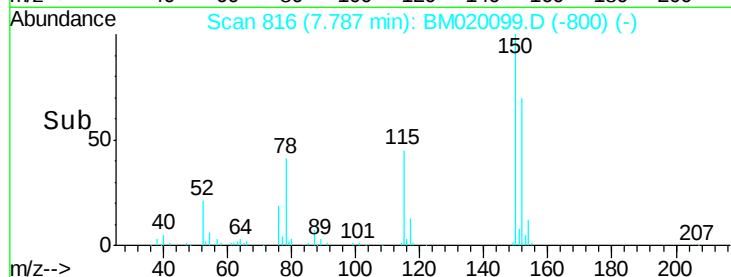
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 116507
Ion Ratio Lower Upper
152 100
150 149.0 119.8 179.8
115 63.3 50.8 76.2



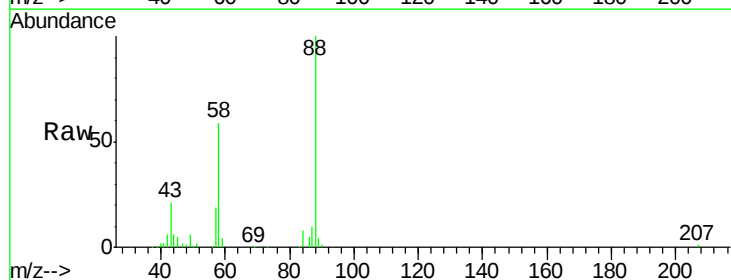
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



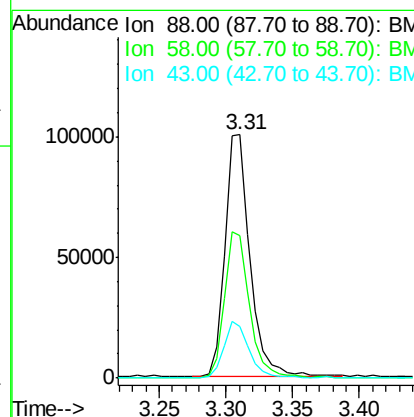
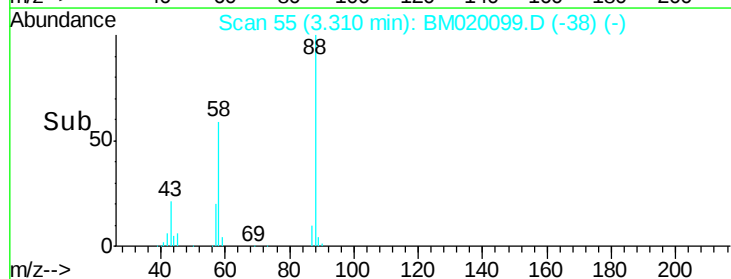
#2

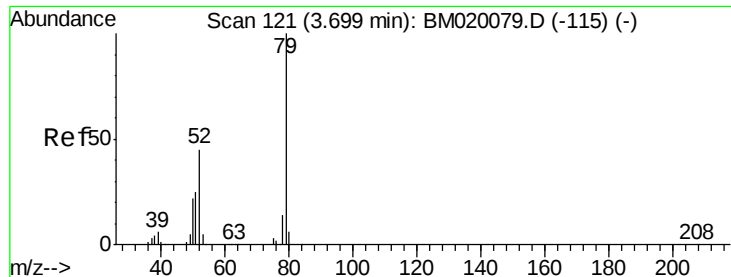
1,4-Dioxane
Concen: 37.658 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion: 88 Resp: 131643
Ion Ratio Lower Upper
88 100
58 61.6 51.8 77.6
43 24.2 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: 42.237 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

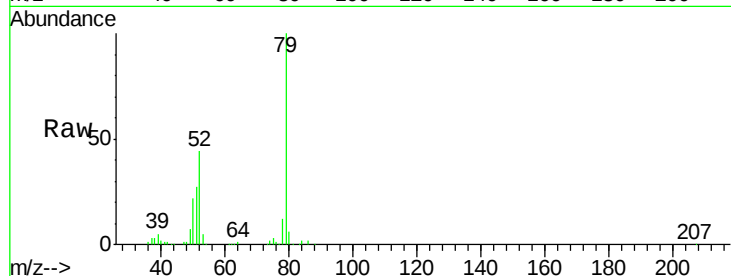
Tot Ion: 79 Resp: 377613

Ion Ratio Lower Upper

79 100

52 43.6 35.7 53.5

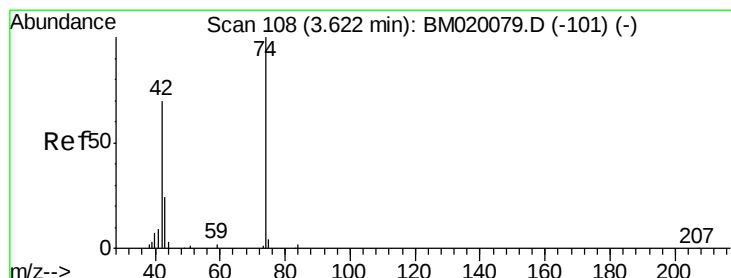
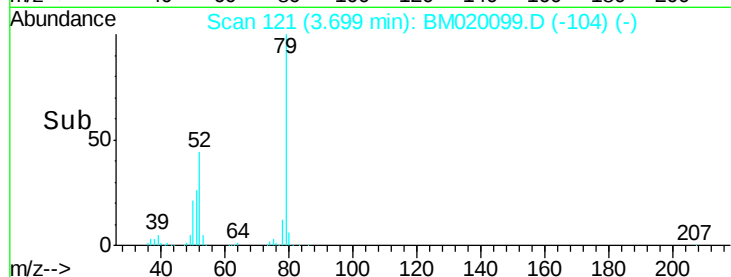
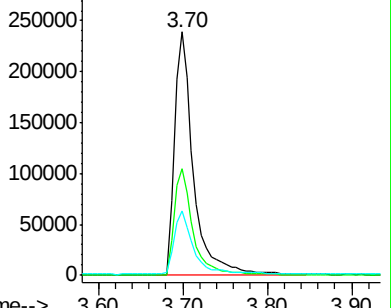
51 26.6 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020099.D (-115) (-)

Ion 52.00 (51.70 to 52.70): BM020099.D (-115) (-)

Ion 51.00 (50.70 to 51.70): BM020099.D (-115) (-)



#4

n-Nitrosodimethylamine

Concen: 40.438 ng

RT: 3.62 min Scan# 108

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

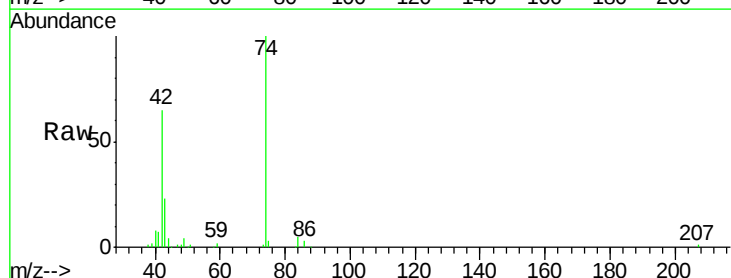
Tgt Ion: 42 Resp: 115931

Ion Ratio Lower Upper

42 100

74 154.3 113.7 170.5

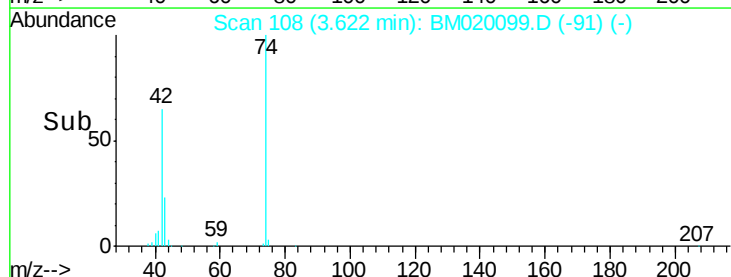
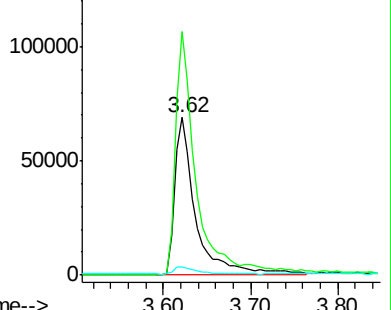
44 5.5 3.9 5.9

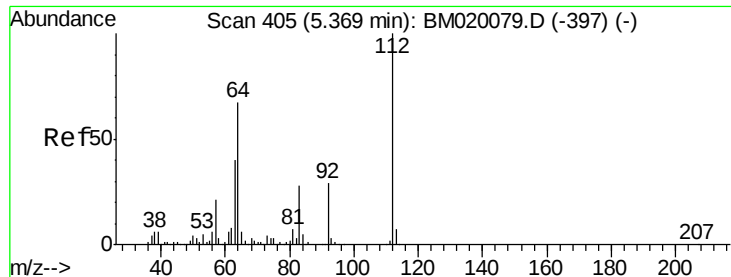


Abundance Ion 42.00 (41.70 to 42.70): BM020099.D (-101) (-)

Ion 74.00 (73.70 to 74.70): BM020099.D (-101) (-)

Ion 44.00 (43.70 to 44.70): BM020099.D (-101) (-)





#5

2-Fluorophenol

Concen: 78.367 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

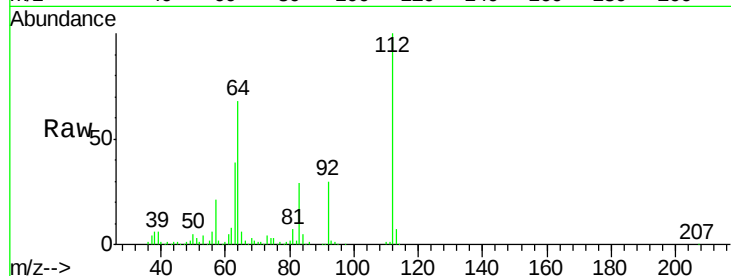
Tot Ion:112 Resp: 558567

Ion Ratio Lower Upper

112 100

64 67.5 53.8 80.6

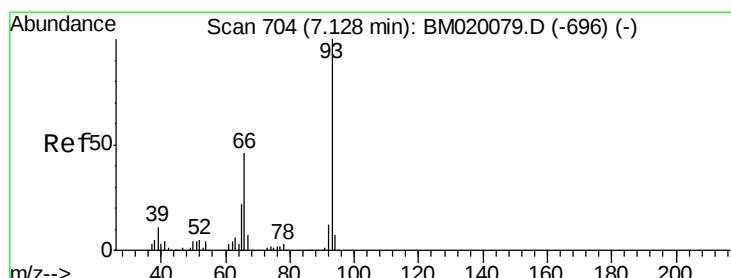
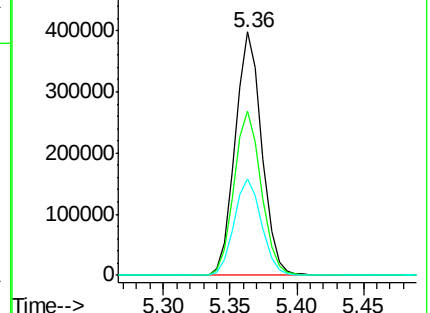
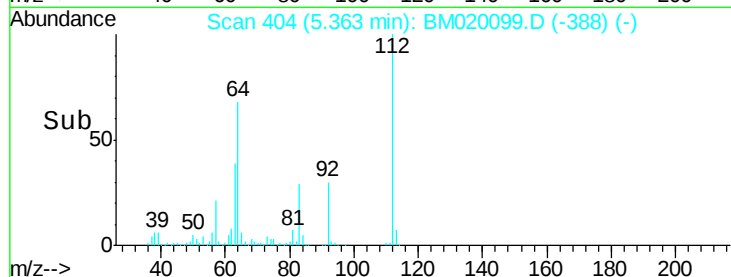
63 39.4 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.509 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

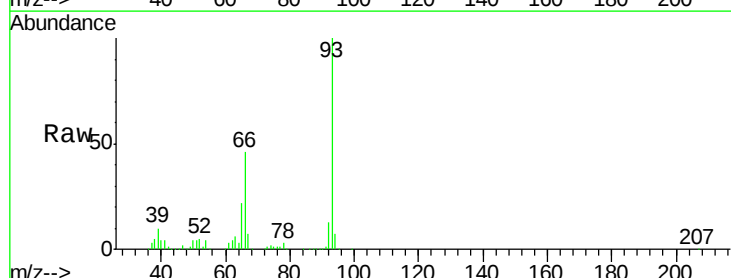
Tgt Ion: 93 Resp: 484285

Ion Ratio Lower Upper

93 100

66 46.2 36.6 54.8

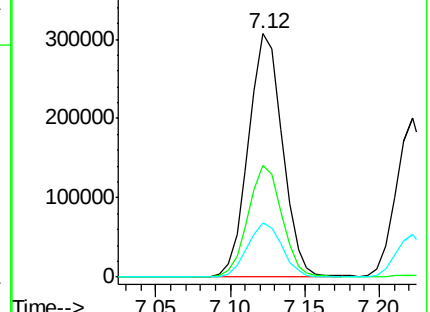
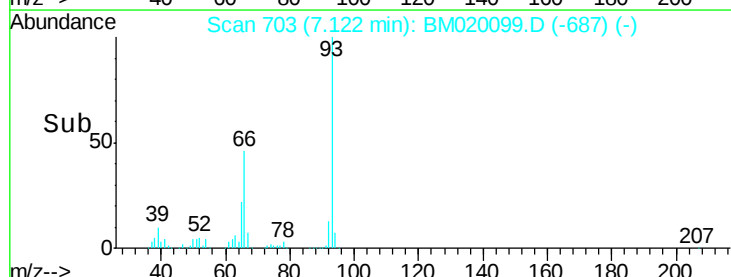
65 22.1 17.8 26.6

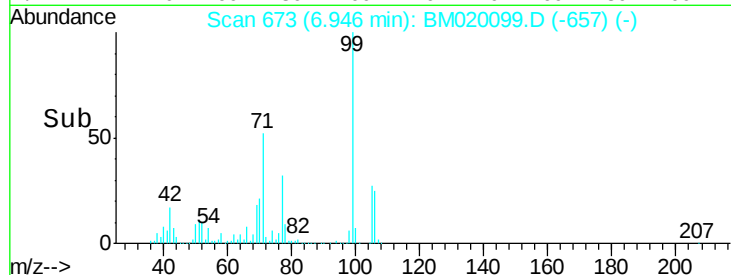
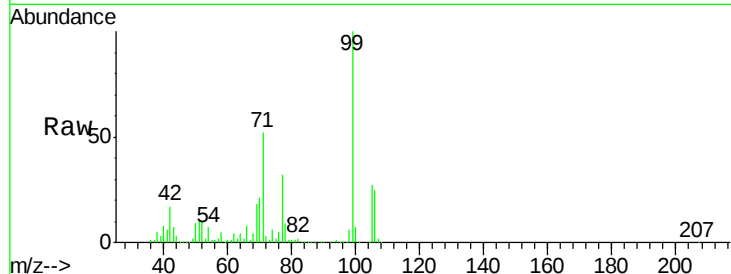
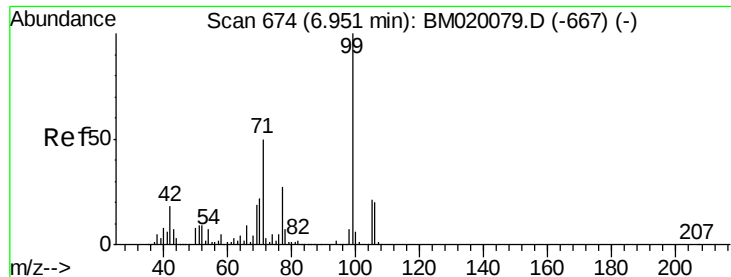


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 79.138 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020099.D

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ClientSampleId :

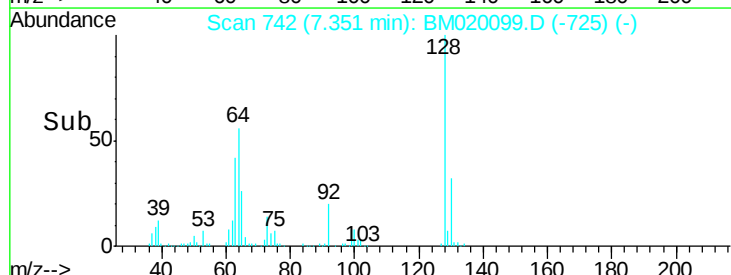
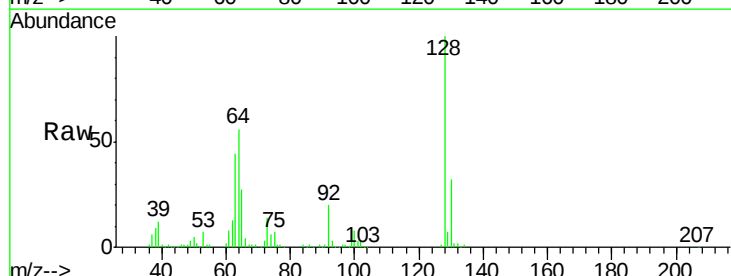
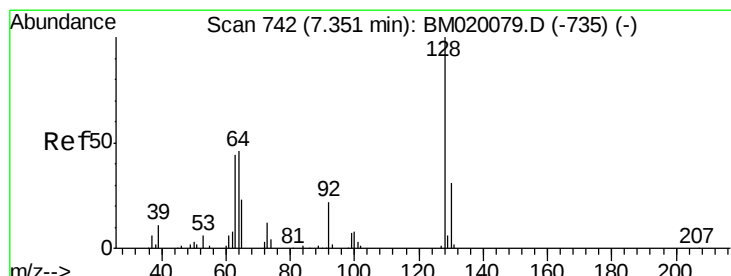
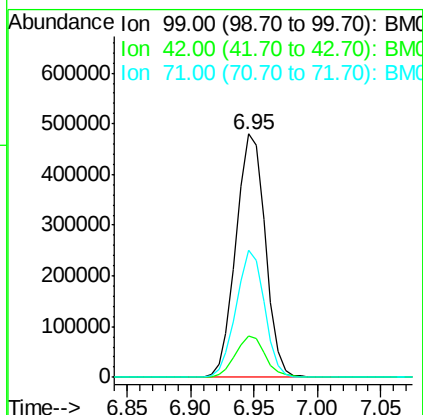
Tot Ion: 99 Resp: 770594

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

71 52.1 40.3 60.5



#8

2-Chlorophenol

Concen: 39.126 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

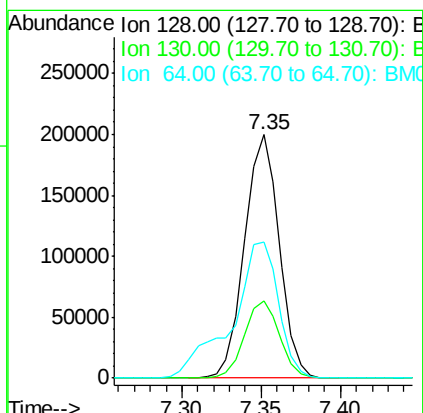
Tgt Ion: 128 Resp: 303648

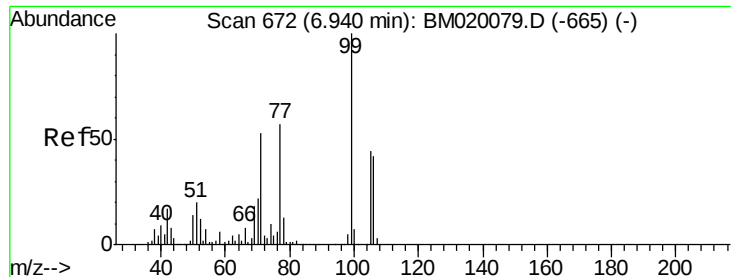
Ion Ratio Lower Upper

128 100

130 32.0 10.8 50.8

64 55.8 36.5 76.5

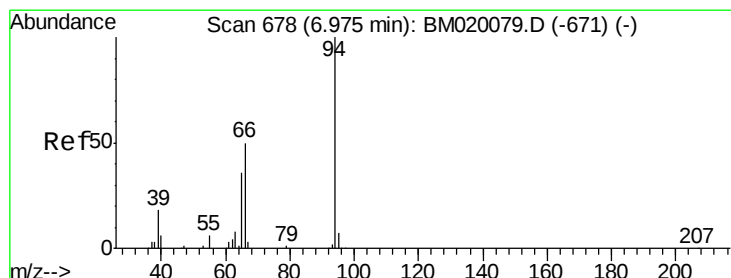
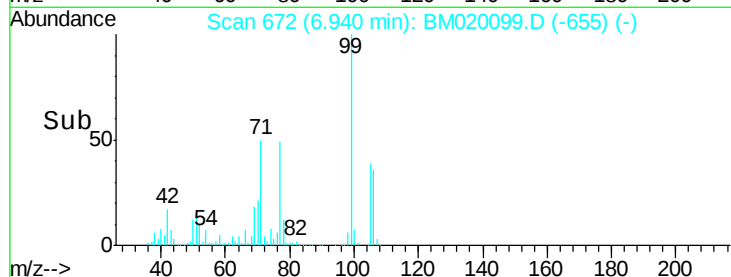
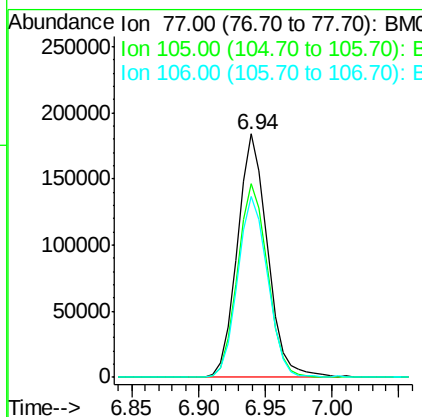
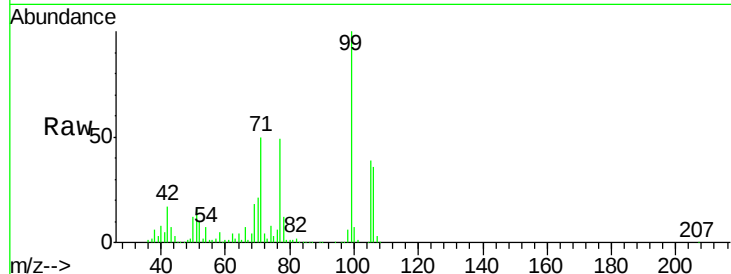




#9
Benzaldehyde
Concen: 39.014 ng
RT: 6.94 min Scan# 672
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

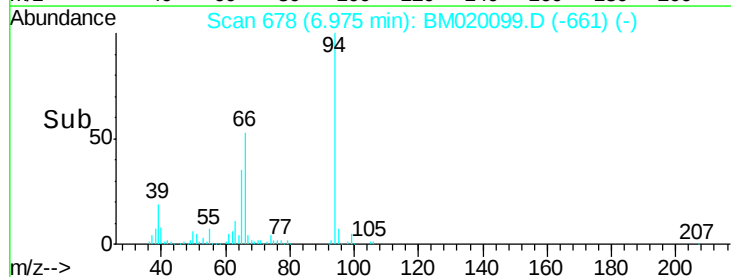
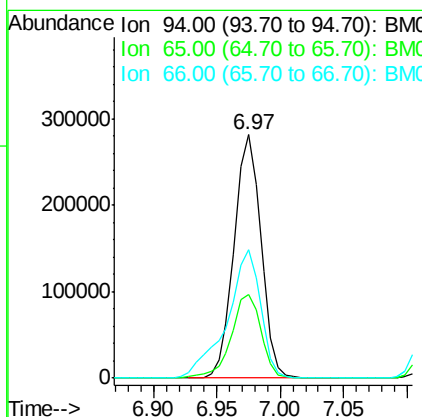
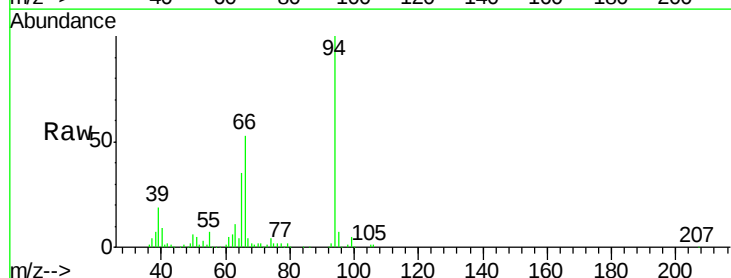
Instrument :
BNA_M
ClientSampled :

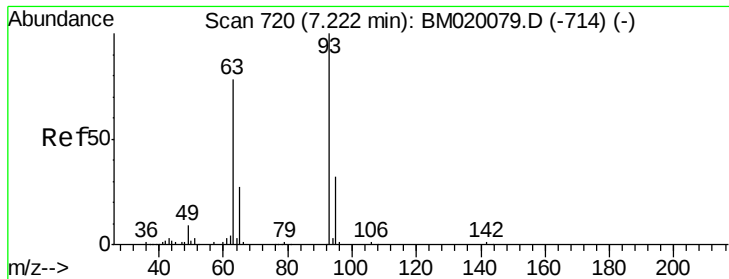
Tot Ion: 77 Resp: 287527
Ion Ratio Lower Upper
77 100
105 79.6 57.8 97.8
106 74.4 53.6 93.6



#10
Phenol
Concen: 39.482 ng
RT: 6.97 min Scan# 678
Delta R.T. -0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion: 94 Resp: 413873
Ion Ratio Lower Upper
94 100
65 34.6 17.0 57.0
66 52.6 34.5 74.5





#11

bis(2-Chloroethyl)ether

Concen: 38.845 ng

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

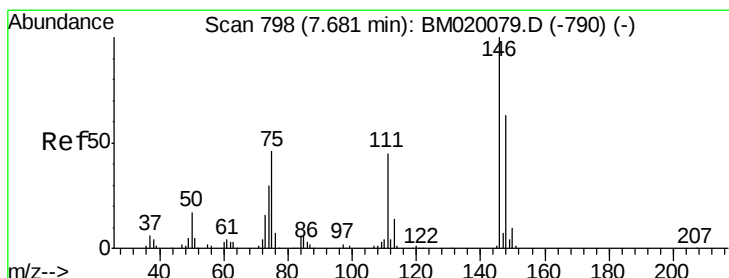
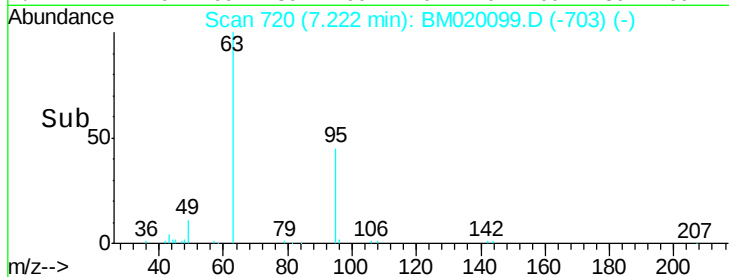
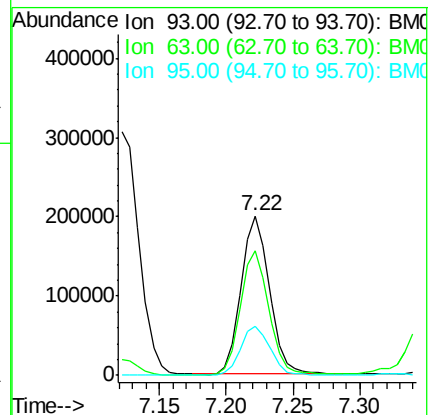
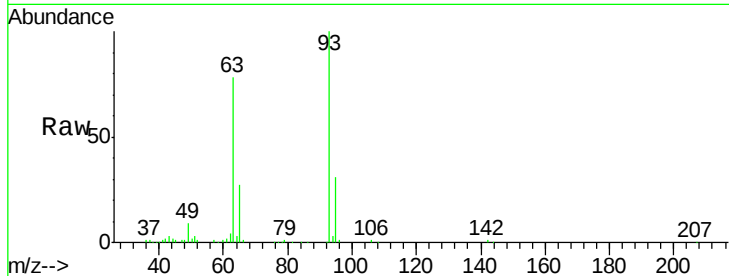
Tot Ion: 93 Resp: 295959

Ion Ratio Lower Upper

93 100

63 77.8 57.9 97.9

95 30.8 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 38.578 ng

RT: 7.67 min Scan# 797

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

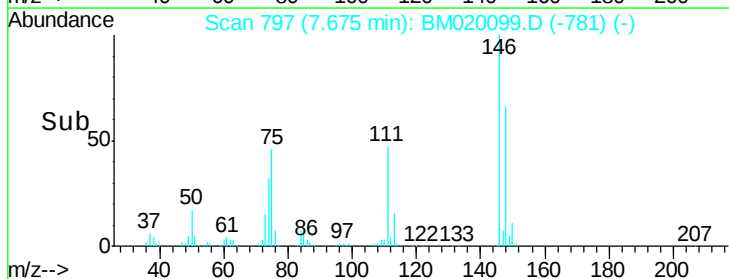
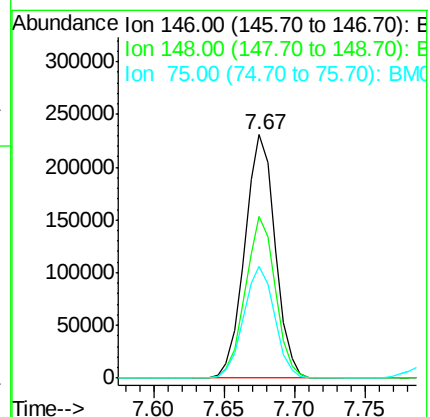
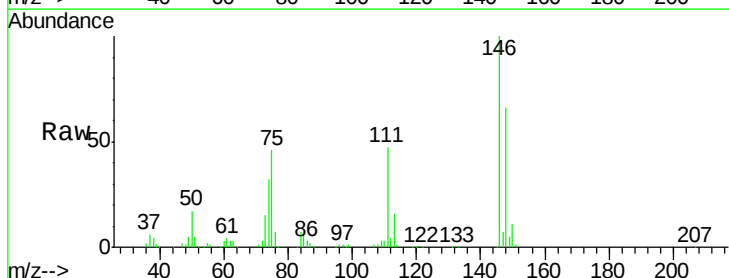
Tgt Ion: 146 Resp: 348347

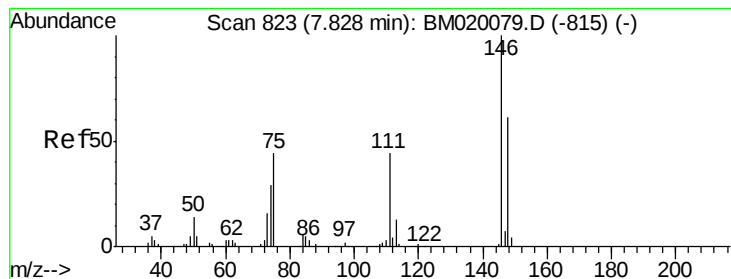
Ion Ratio Lower Upper

146 100

148 66.4 50.1 75.1

75 45.7 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 38.852 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

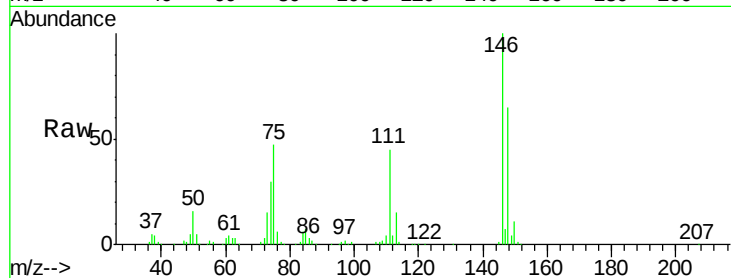
Tot Ion:146 Resp: 354401

Ion Ratio Lower Upper

146 100

148 65.1 48.5 72.7

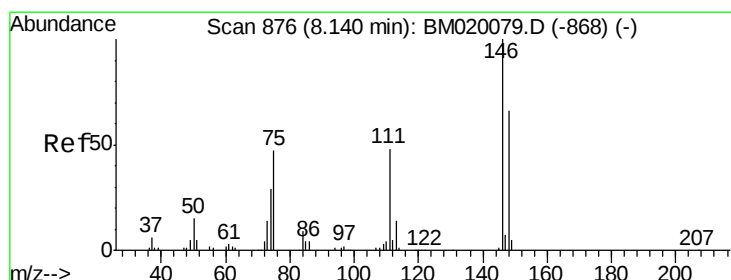
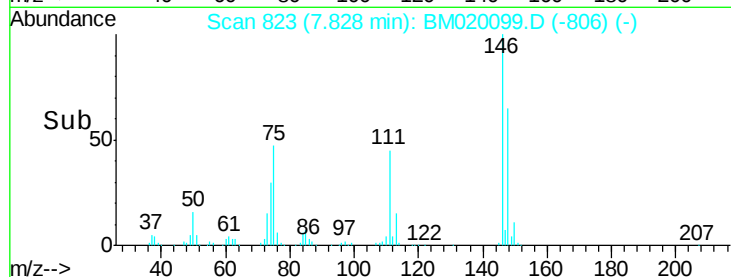
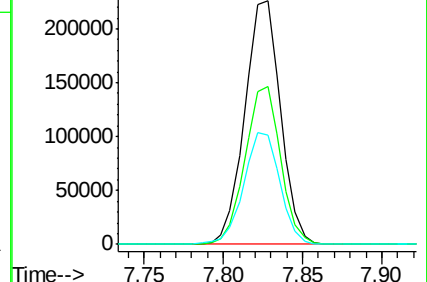
111 44.7 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.166 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

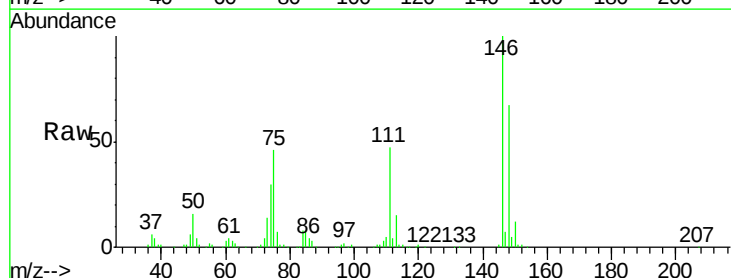
Tgt Ion:146 Resp: 331677

Ion Ratio Lower Upper

146 100

148 66.5 52.6 79.0

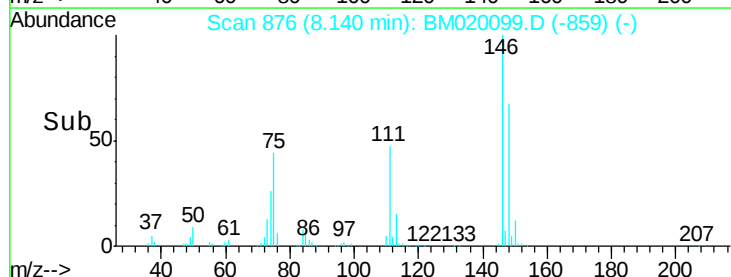
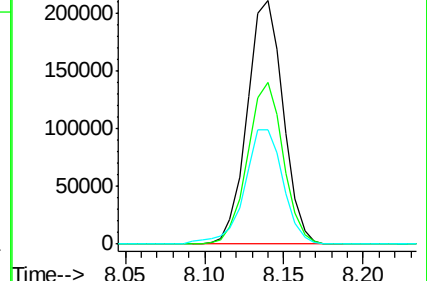
111 47.1 39.0 58.4

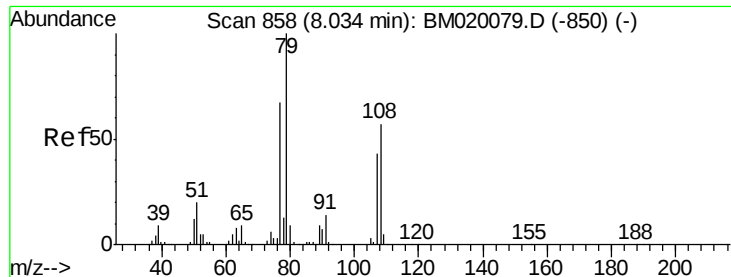


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.669 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampled :

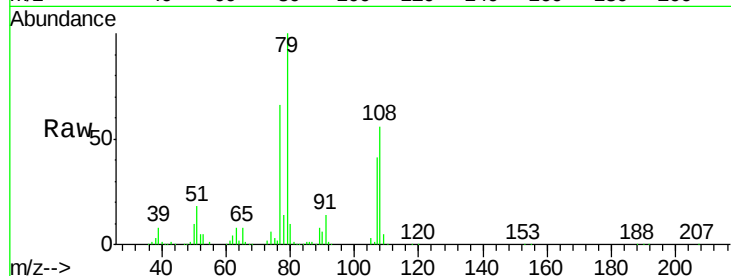
Tot Ion: 79 Resp: 372463

Ion Ratio Lower Upper

79 100

108 56.4 46.0 69.0

77 66.3 53.8 80.6

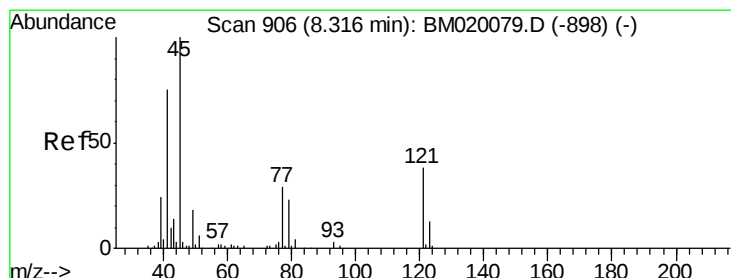
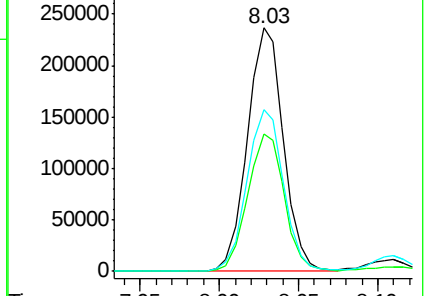
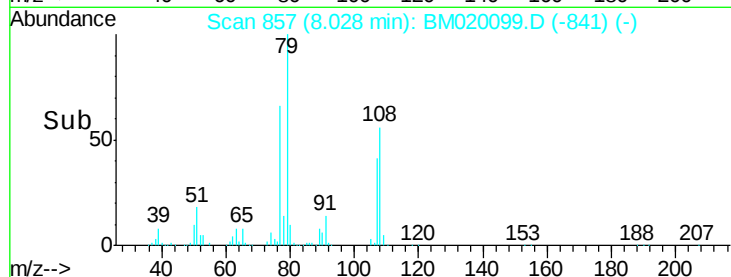


Abundance Ion 79.00 (78.70 to 79.70): BM020079.D (-850) (-)

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

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

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.210 ng

RT: 8.31 min Scan# 905

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

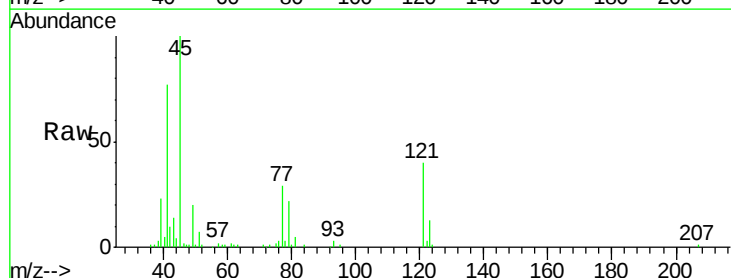
Tgt Ion: 45 Resp: 235077

Ion Ratio Lower Upper

45 100

77 29.3 10.5 50.5

79 22.5 3.3 43.3

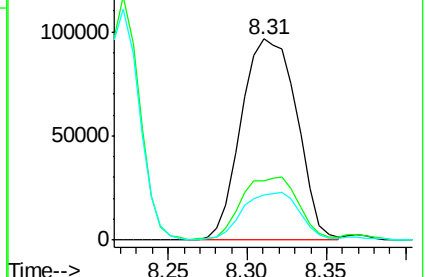
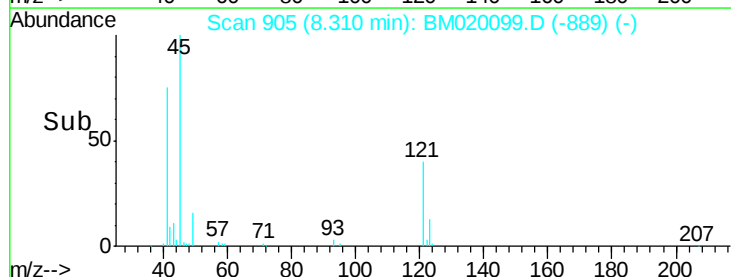


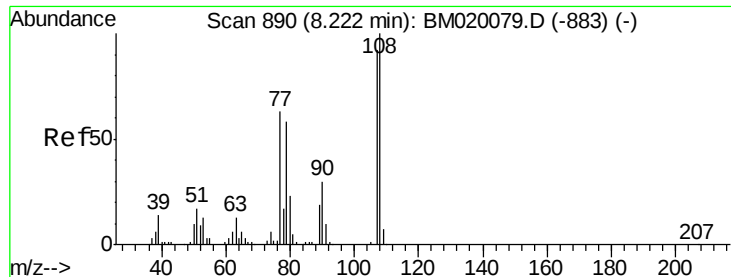
Abundance Ion 45.00 (44.70 to 45.70): BM020079.D (-898) (-)

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

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

Time-->





#17

2-Methylphenol

Concen: 39.788 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 268488

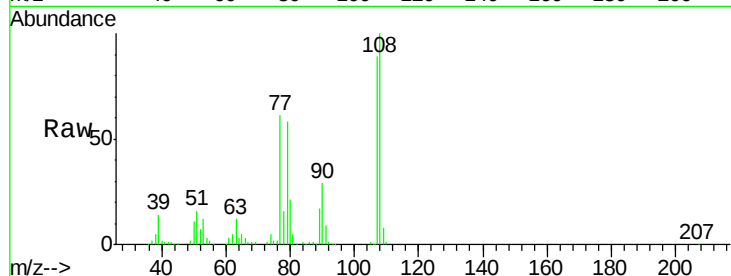
Ion Ratio Lower Upper

107 100

108 112.9 87.0 130.4

77 68.9 54.7 82.1

79 65.3 50.1 75.1

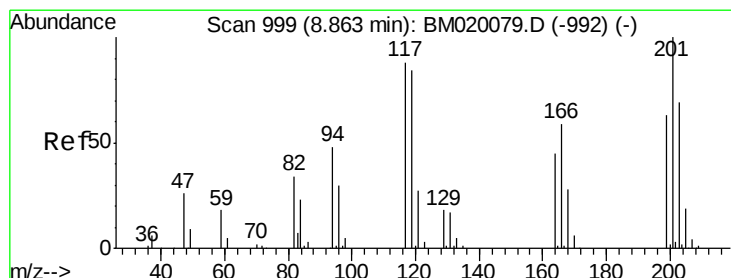
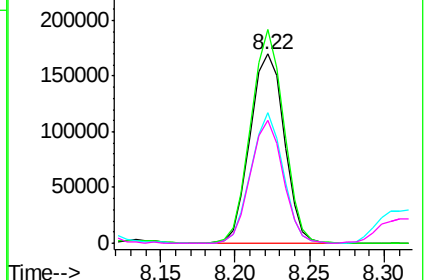
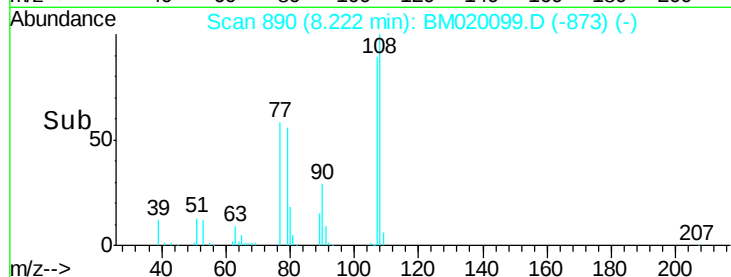


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.844 ng

RT: 8.86 min Scan# 999

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

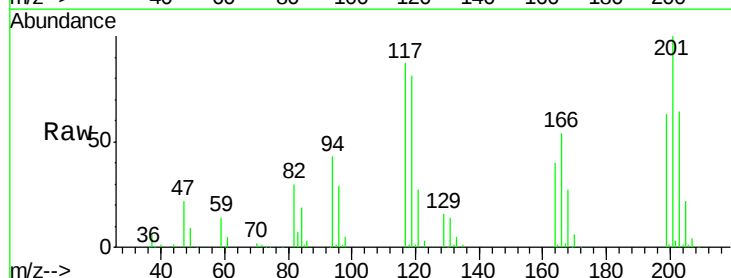
Tgt Ion:117 Resp: 147739

Ion Ratio Lower Upper

117 100

119 92.5 76.6 114.8

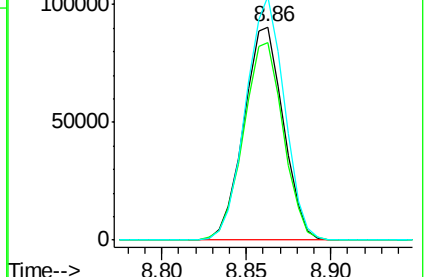
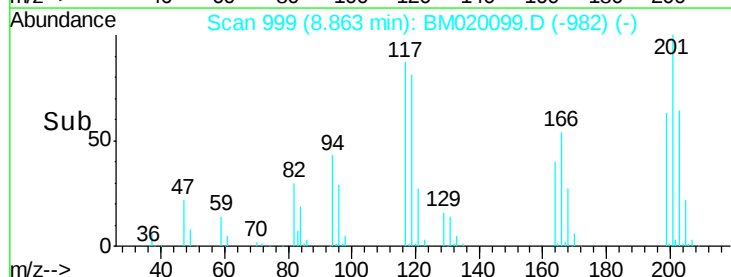
201 114.3 90.7 136.1

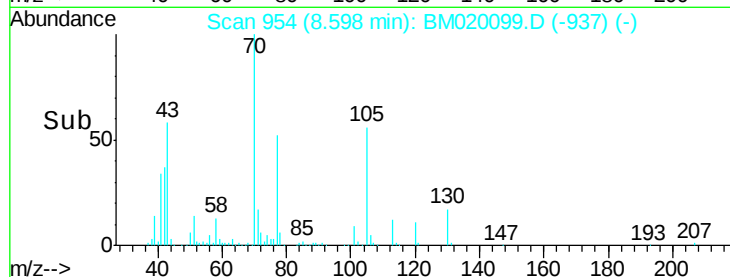
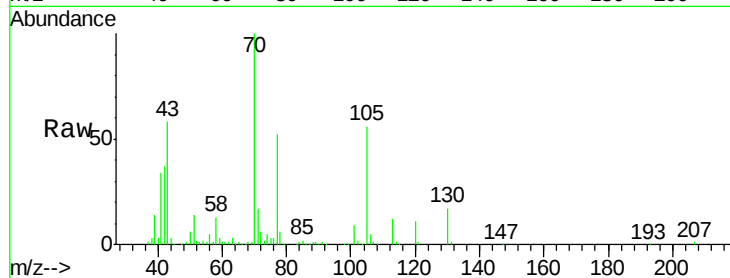
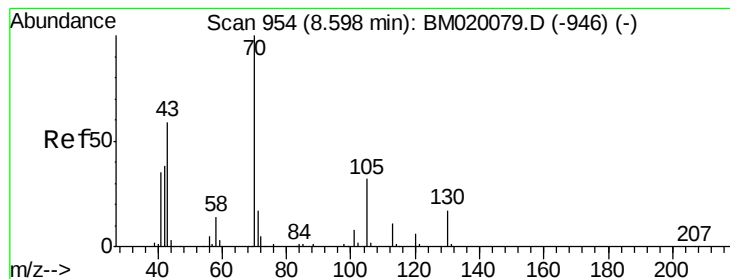


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.160 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 326230

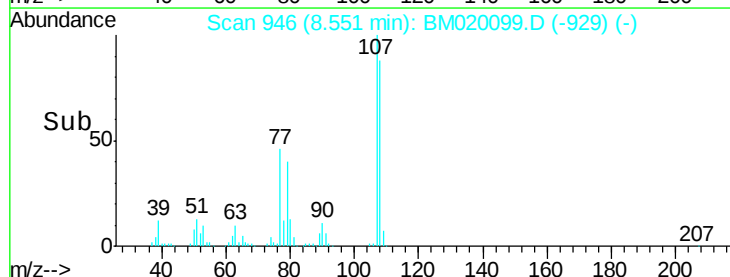
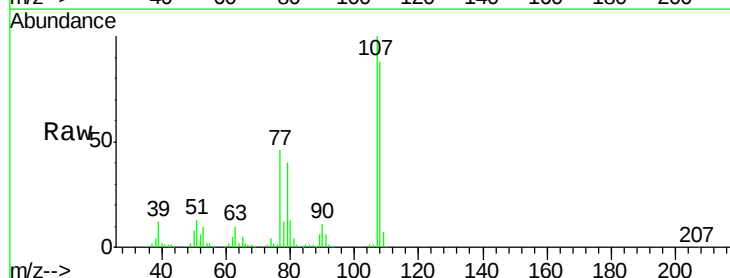
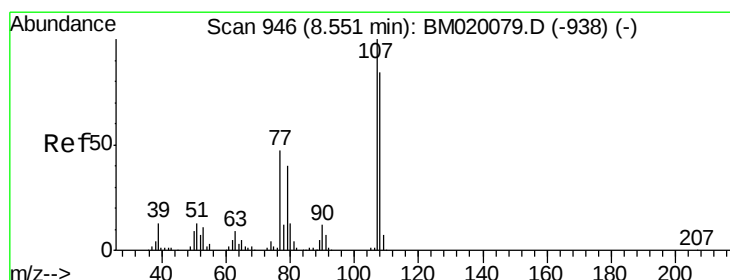
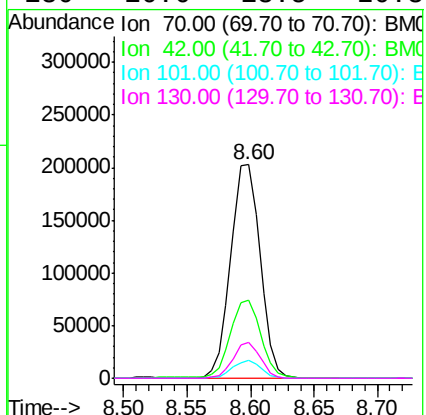
Ion Ratio Lower Upper

70 100

42 36.8 31.0 46.4

101 8.5 6.2 9.2

130 16.6 13.5 20.3



#20

3+4-Methylphenols

Concen: 40.087 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion: 107 Resp: 359516

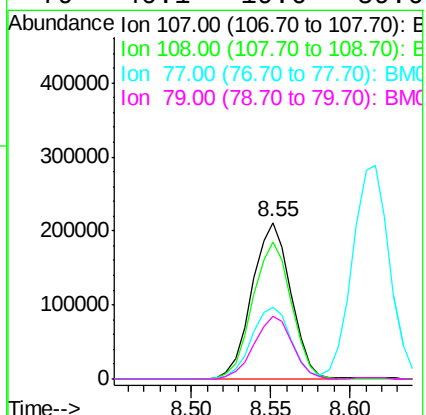
Ion Ratio Lower Upper

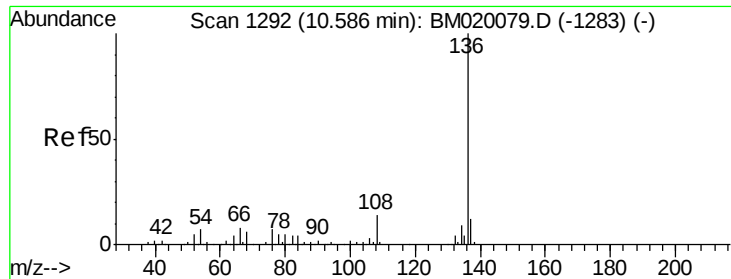
107 100

108 87.8 64.4 104.4

77 46.0 27.2 67.2

79 40.1 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: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 470004

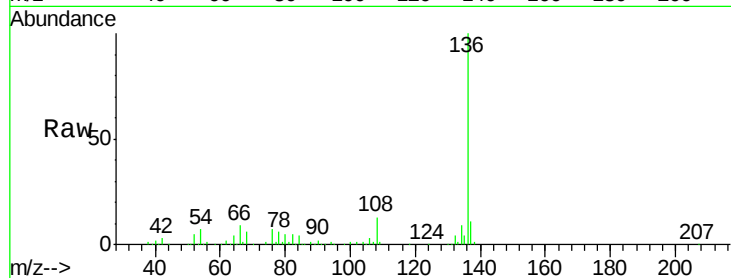
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.6 5.5 8.3

68 6.2 4.6 6.8

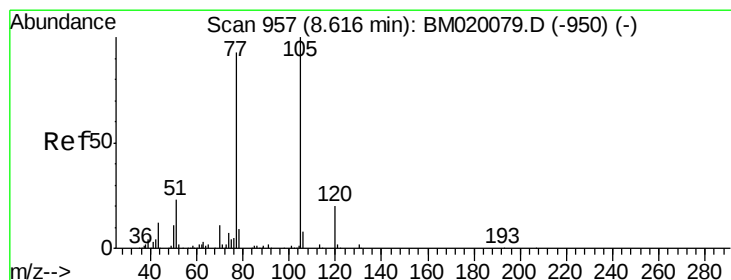
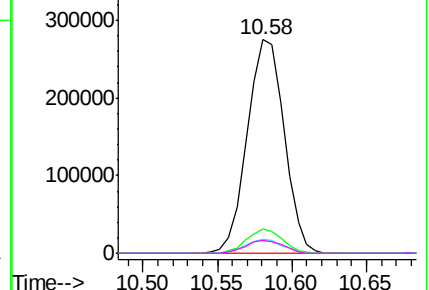
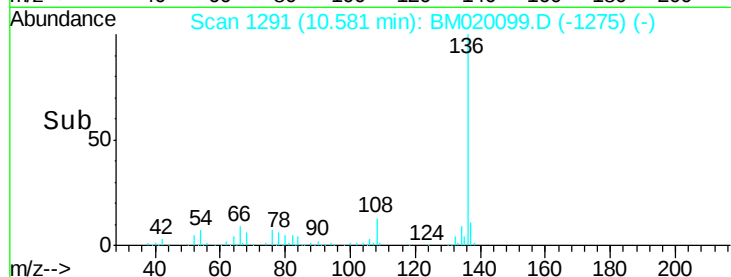


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.558 ng

RT: 8.62 min Scan# 957

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion:105 Resp: 495288

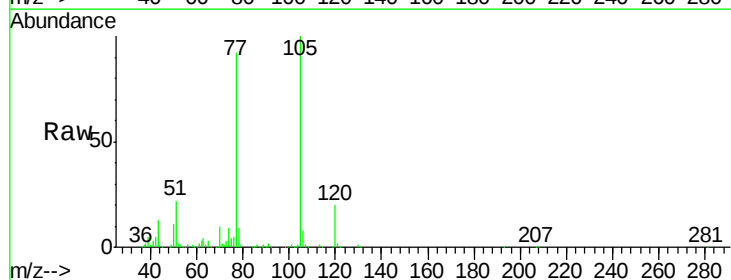
Ion Ratio Lower Upper

105 100

71 1.6 2.2 3.2#

51 21.6 19.3 28.9

120 19.7 16.2 24.4

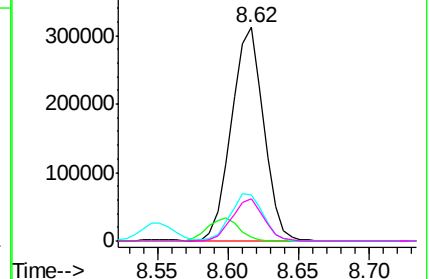
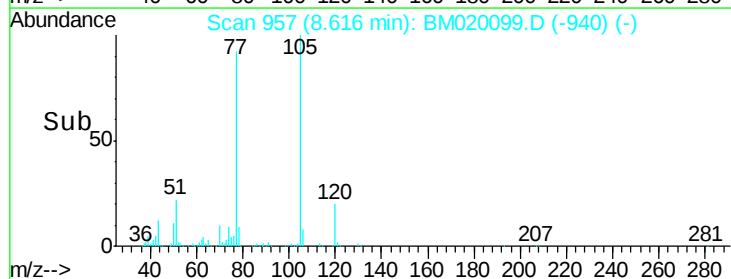


Abundance Ion 105.00 (104.70 to 105.70): E

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

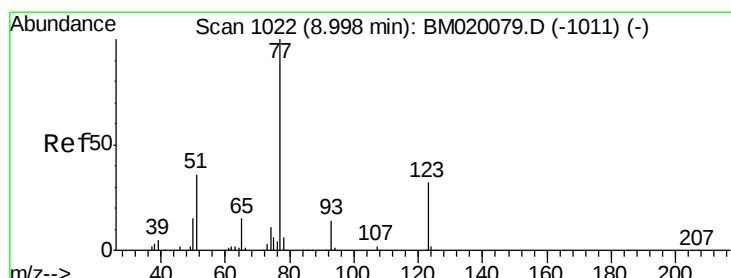
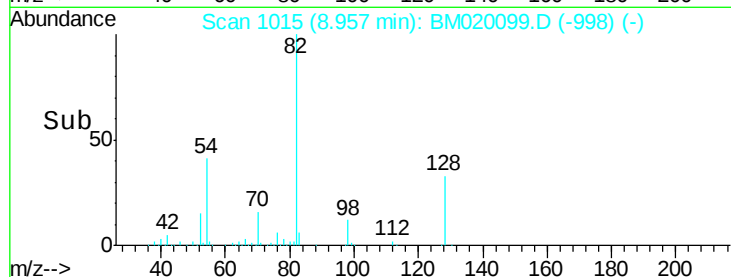
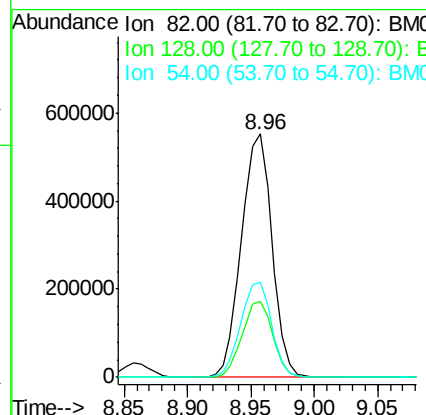
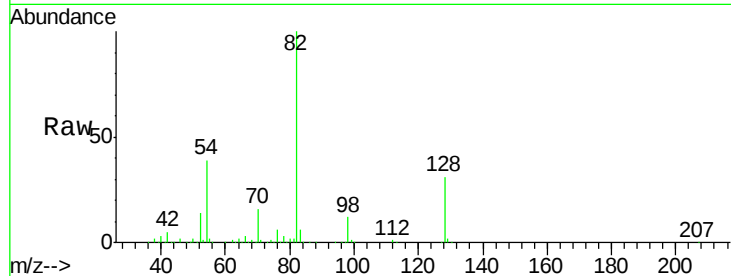




#23
Nitrobenzene-d5
Concen: 77.997 ng
RT: 8.96 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

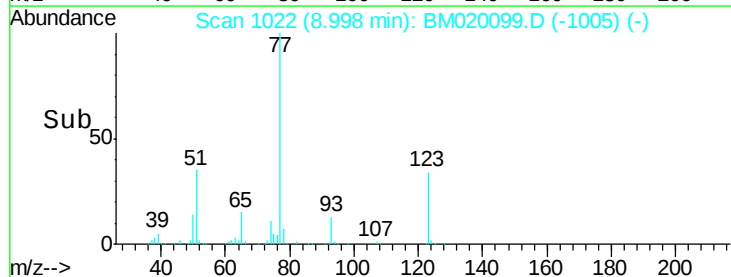
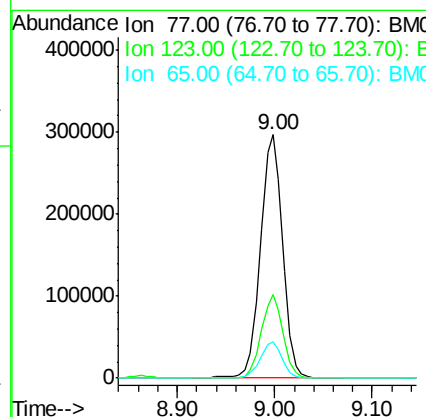
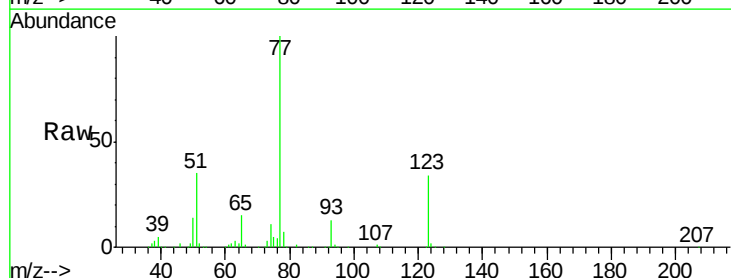
Instrument :
BNA_M
ClientSampleId :

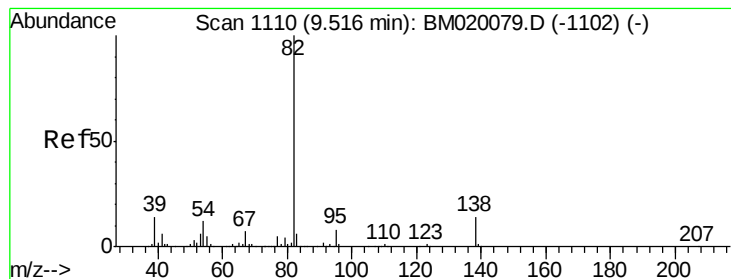
Tot Ion	82	Resp	928537
Ion Ratio	100	Lower	Upper
128	31.1	25.2	37.8
54	38.9	31.9	47.9



#24
Nitrobenzene
Concen: 38.600 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion	77	Resp	476453
Ion Ratio	100	Lower	Upper
123	34.2	25.5	38.3
65	14.7	11.8	17.6





#25

Isophorone

Concen: 39.088 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

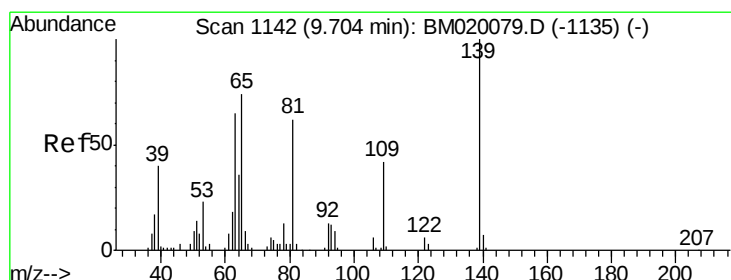
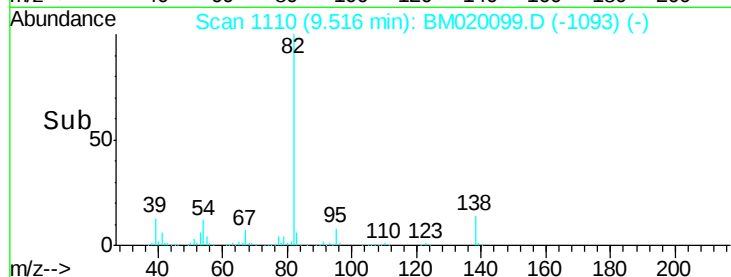
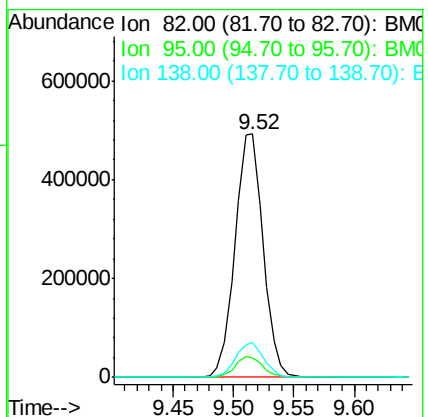
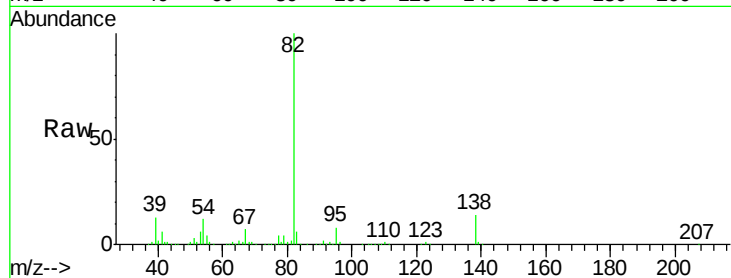
Tot Ion: 82 Resp: 802462

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 14.3 11.1 16.7



#26

2-Nitrophenol

Concen: 41.971 ng

RT: 9.70 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

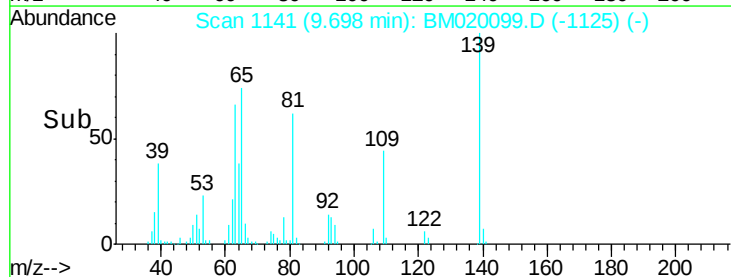
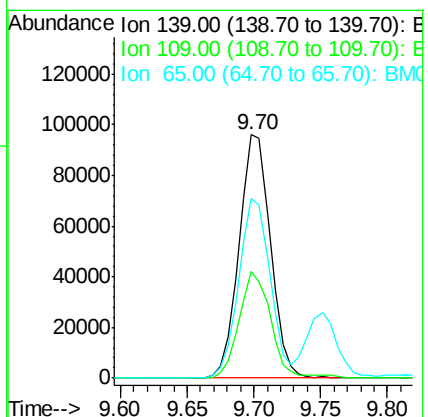
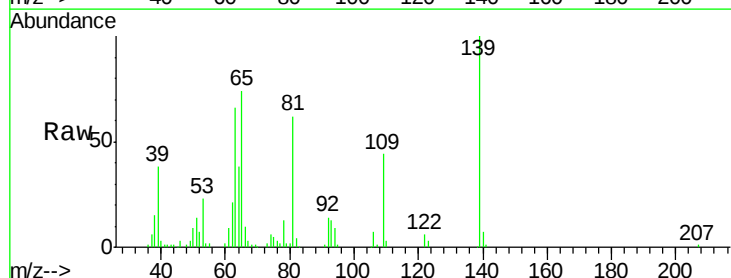
Tgt Ion: 139 Resp: 156402

Ion Ratio Lower Upper

139 100

109 43.7 33.7 50.5

65 73.6 59.5 89.3

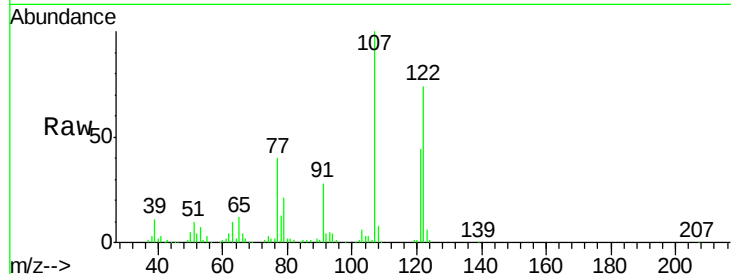




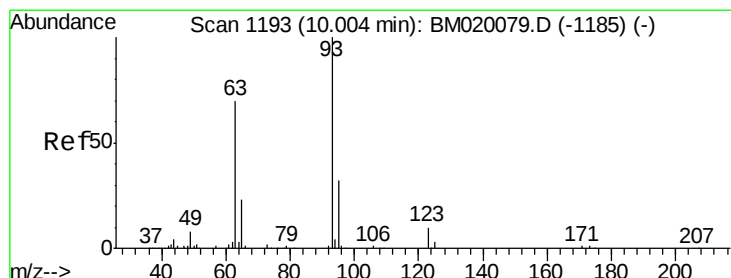
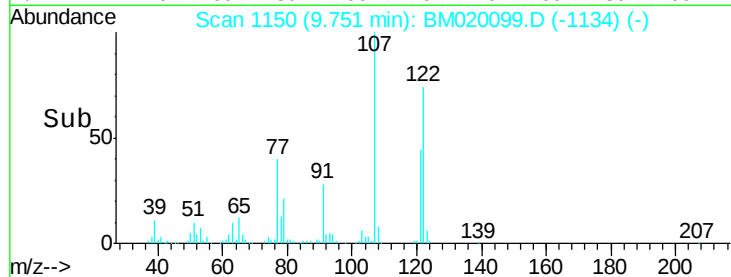
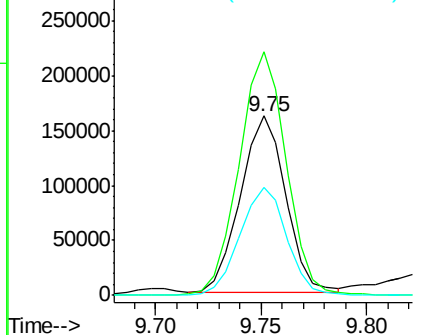
#27
 2,4-Dimethylphenol
 Concen: 38.696 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 240068
 Ion Ratio Lower Upper
 122 100
 107 135.9 108.6 162.8
 121 60.3 47.4 71.2

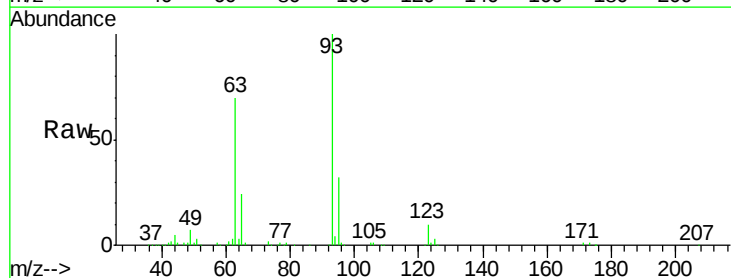


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

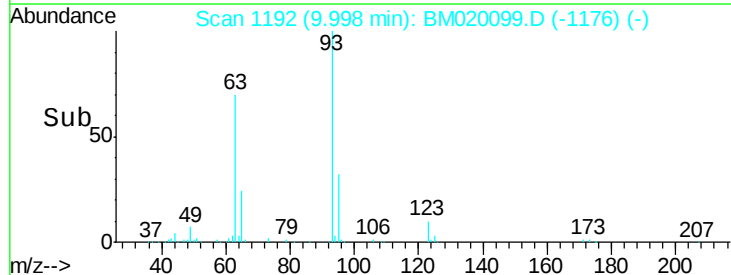
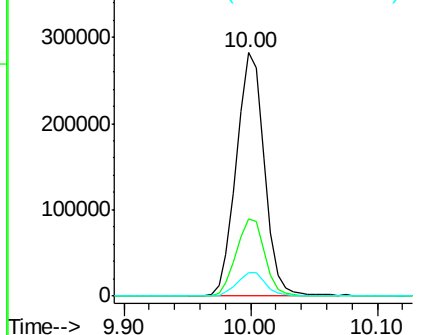


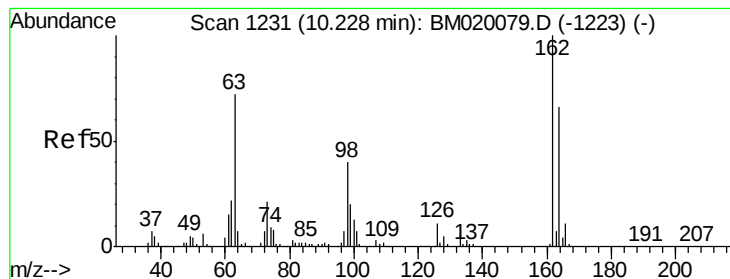
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.629 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion: 93 Resp: 431917
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.5 38.3
 123 9.7 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.139 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

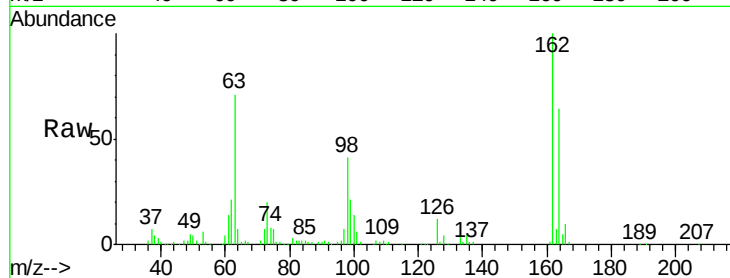
Tot Ion:162 Resp: 314005

Ion Ratio Lower Upper

162 100

164 64.5 45.6 85.6

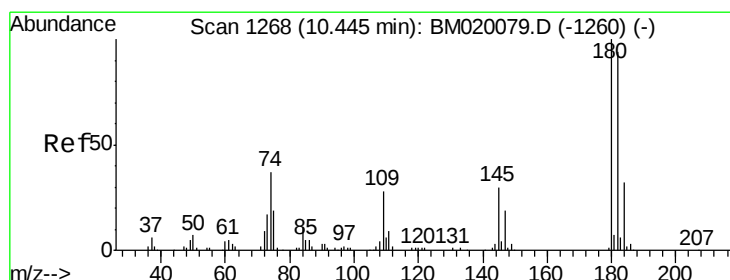
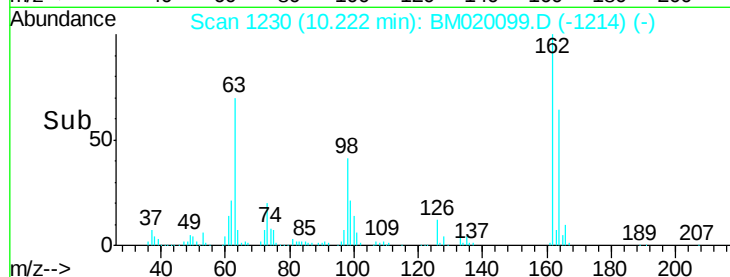
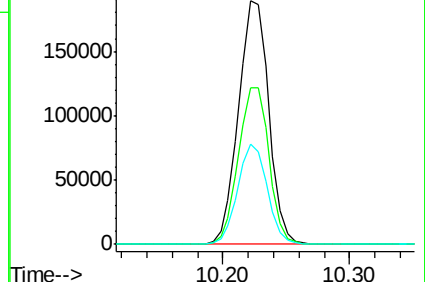
98 41.3 20.4 60.4



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: 38.982 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

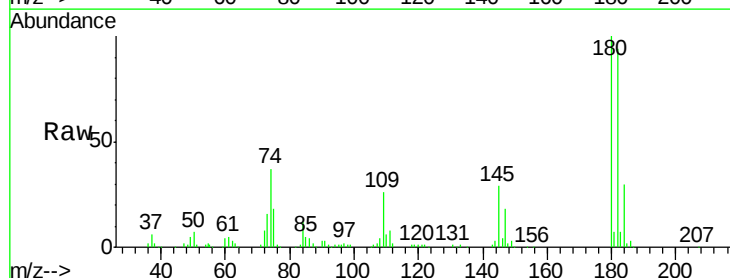
Tgt Ion:180 Resp: 375234

Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

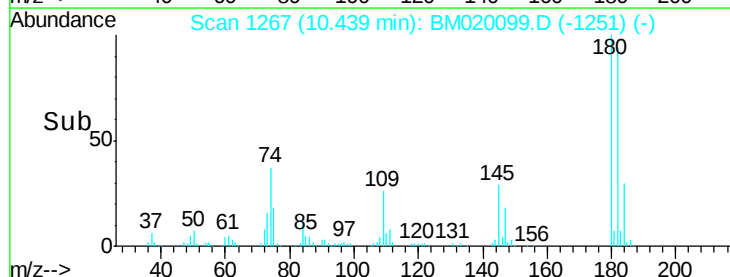
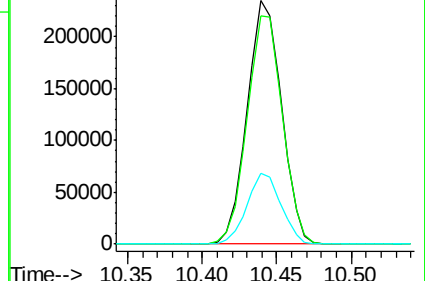
145 29.3 23.8 35.8

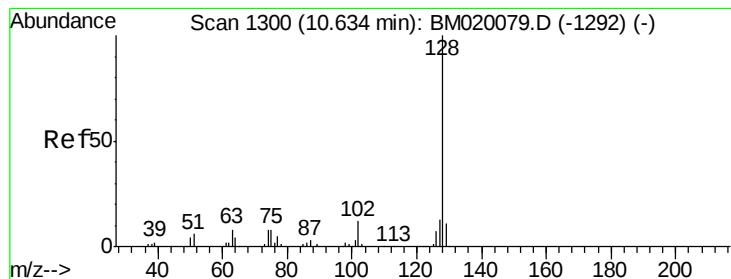


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.626 ng

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

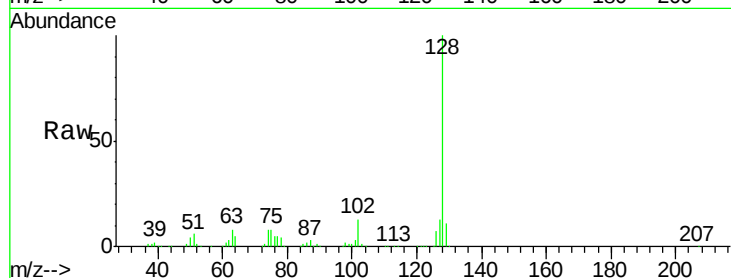
Tot Ion:128 Resp: 942111

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

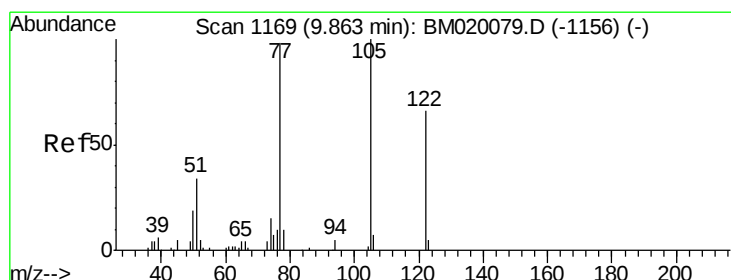
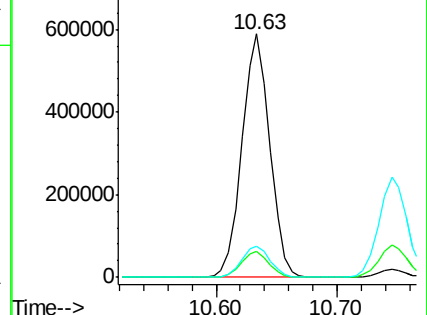
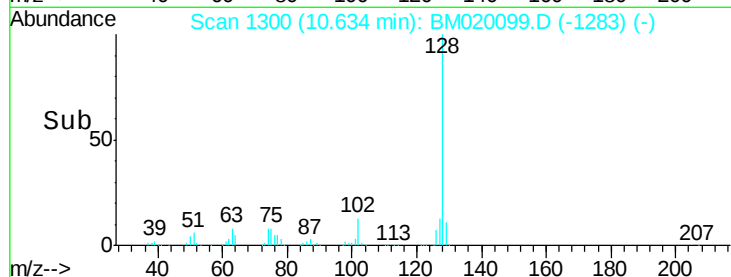
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.842 ng

RT: 9.87 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

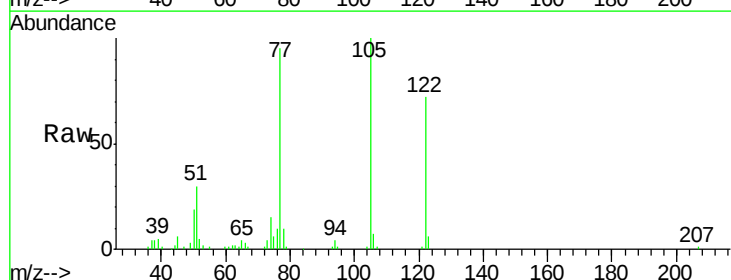
Tgt Ion:122 Resp: 164997

Ion Ratio Lower Upper

122 100

105 138.5 122.5 162.5

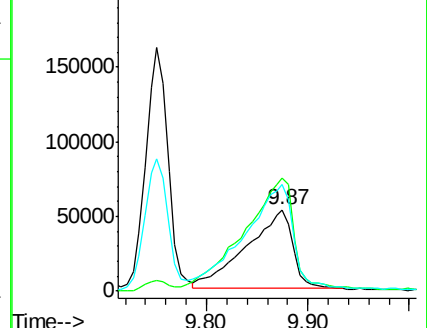
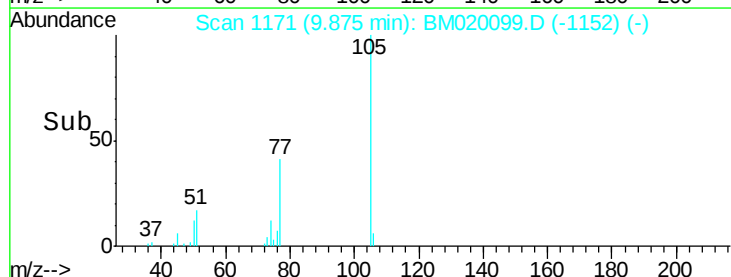
77 132.0 123.3 163.3

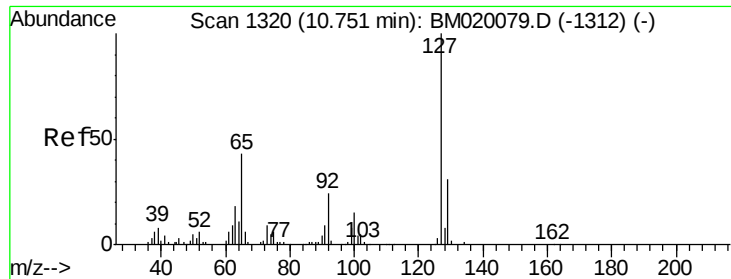


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

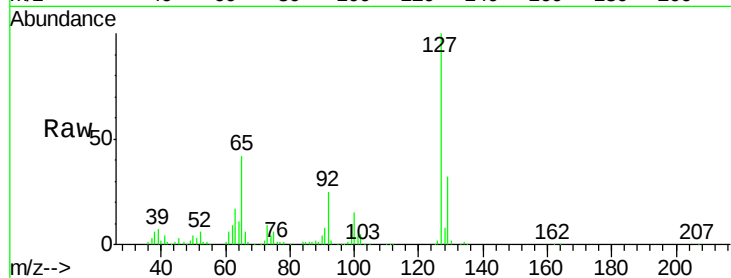




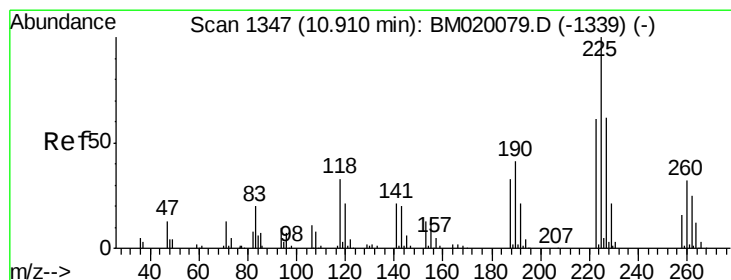
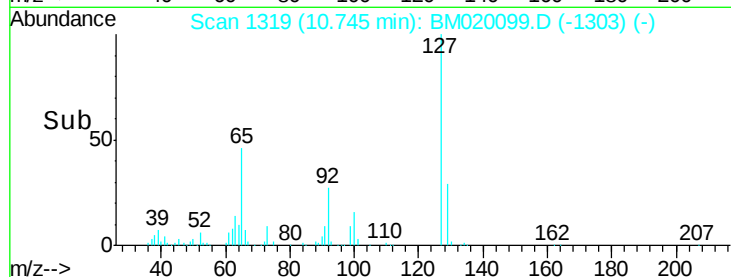
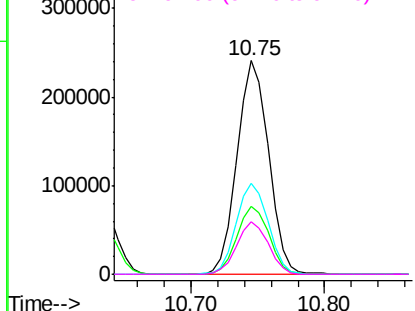
#33
4-Chloroaniline
Concen: 39.288 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	394398
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.7	37.1
65	42.4	34.6	52.0
92	24.7	19.5	29.3

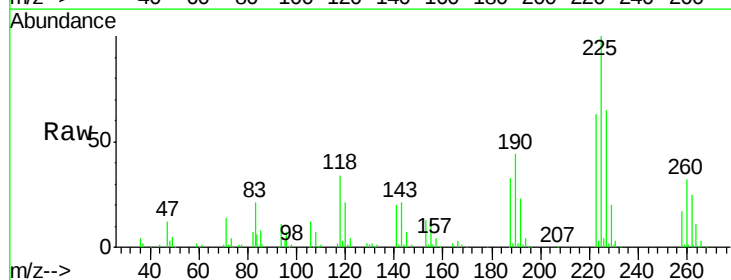


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

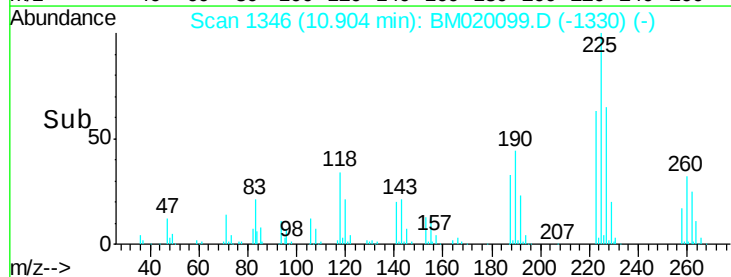
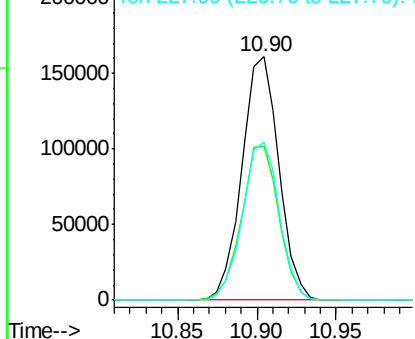


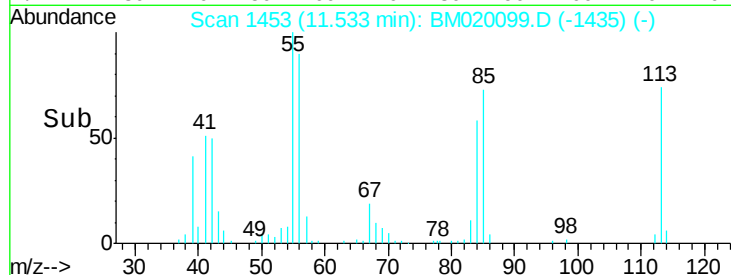
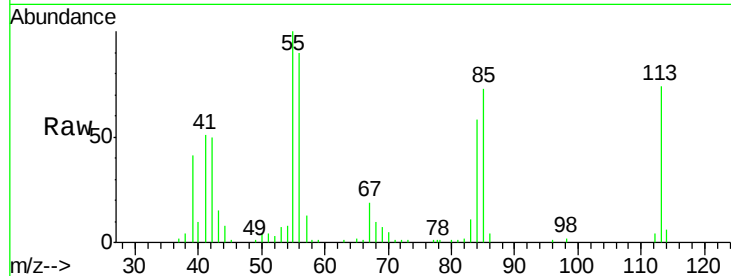
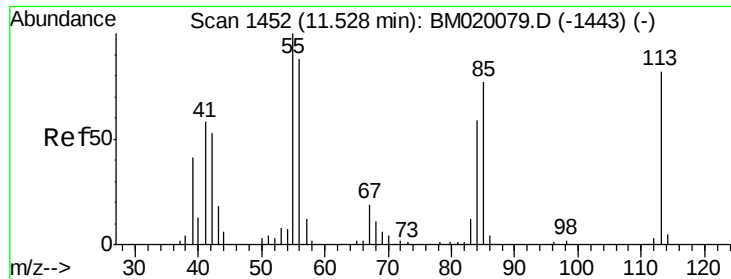
#34
Hexachlorobutadiene
Concen: 38.280 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:	225	Resp:	260663
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.9	73.3
227	64.6	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: 41.562 ng

RT: 11.53 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

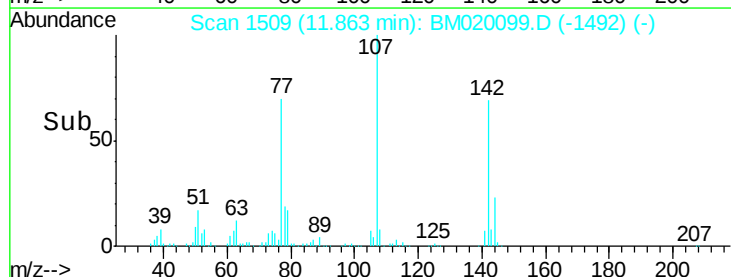
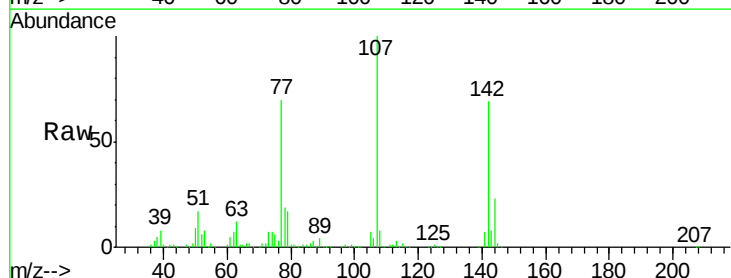
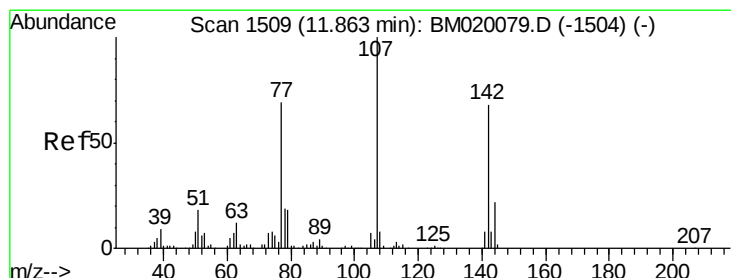
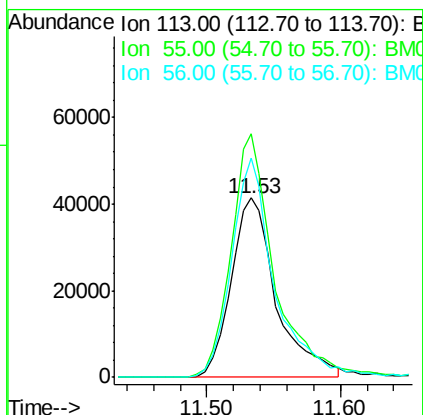
Tot Ion:113 Resp: 97222

Ion Ratio Lower Upper

113 100

55 135.9 102.5 142.5

56 122.0 87.7 127.7



#36

4-Chloro-3-methylphenol

Concen: 40.047 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

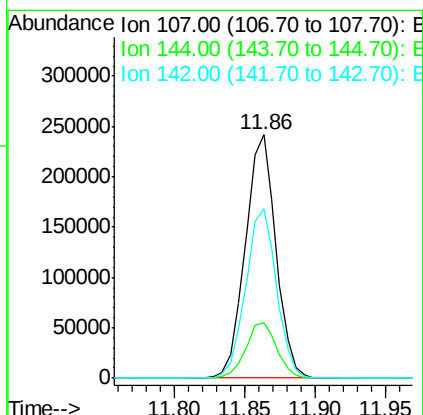
Tgt Ion:107 Resp: 368158

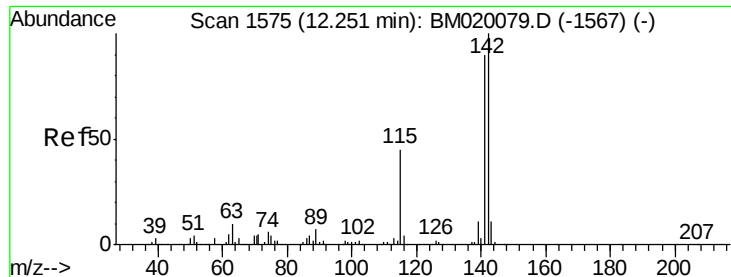
Ion Ratio Lower Upper

107 100

144 22.9 17.6 26.4

142 69.5 54.6 82.0





#37

2-Methylnaphthalene

Concen: 39.237 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

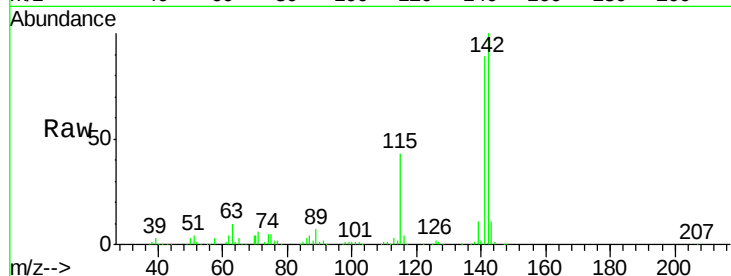
Tot Ion:142 Resp: 697684

Ion Ratio Lower Upper

142 100

141 89.3 71.6 107.4

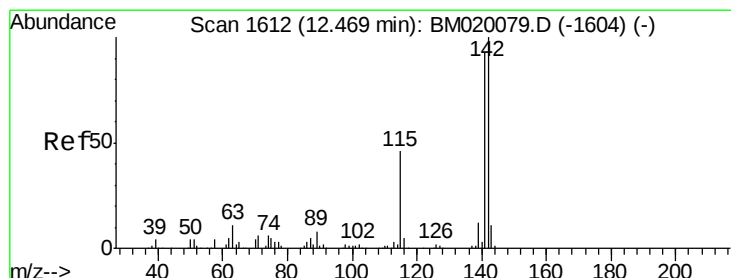
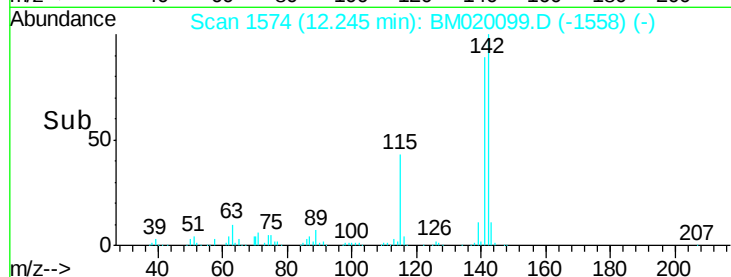
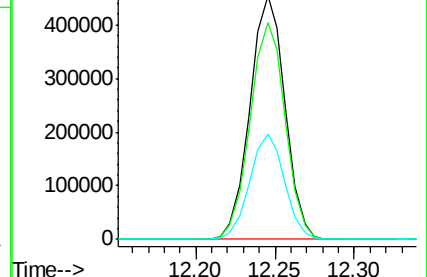
115 43.1 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.894 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

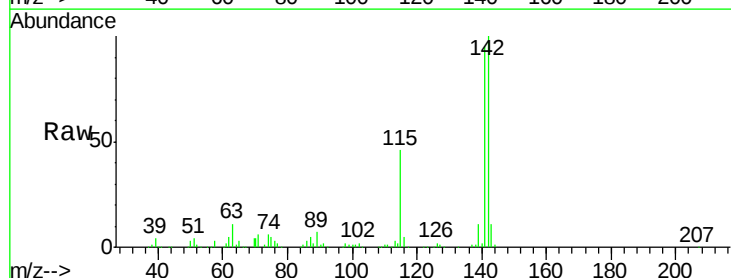
Tgt Ion:142 Resp: 676273

Ion Ratio Lower Upper

142 100

141 95.0 74.8 112.2

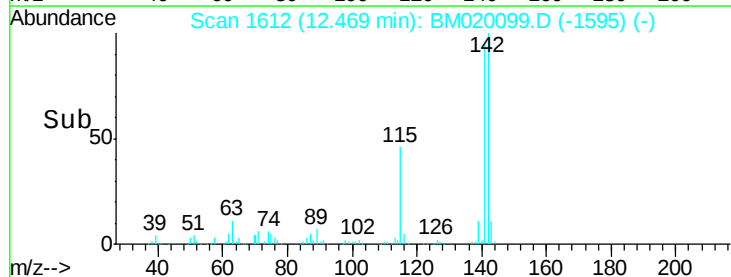
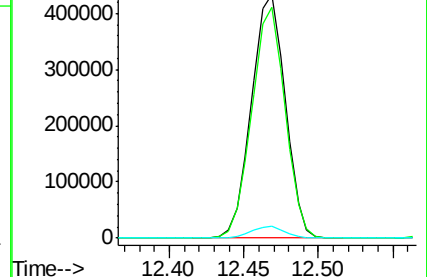
116 4.7 3.9 5.9

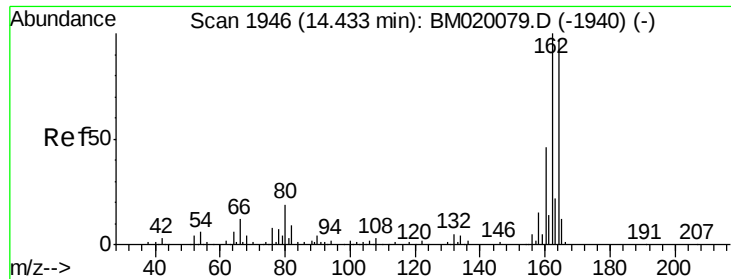


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

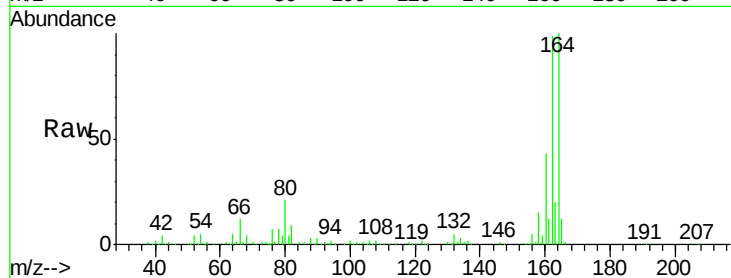
Tot Ion:164 Resp: 302331

Ion Ratio Lower Upper

164 100

162 99.2 82.2 123.2

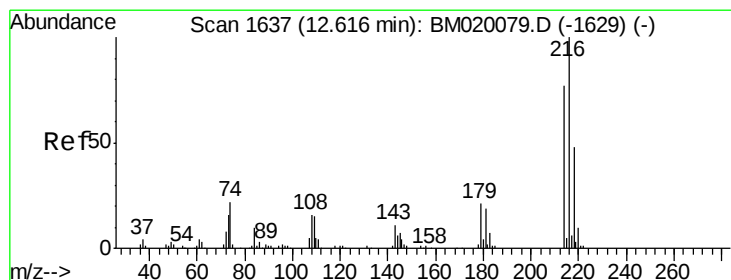
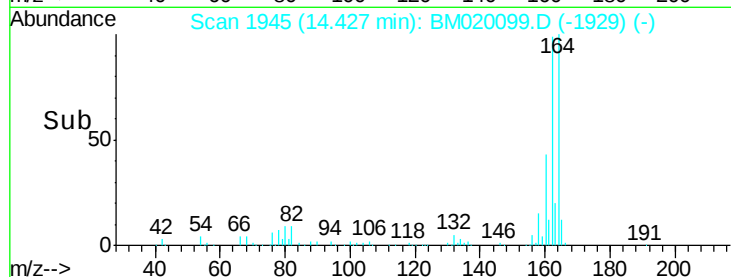
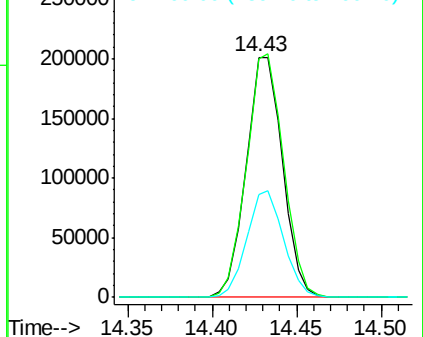
160 42.7 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.487 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion:216 Resp: 455242

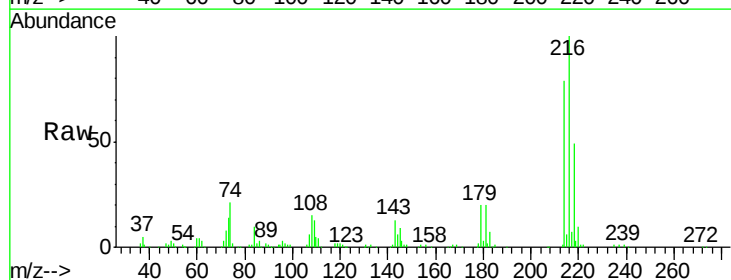
Ion Ratio Lower Upper

216 100

214 77.3 62.6 94.0

179 20.0 17.1 25.7

108 18.3 15.8 23.6

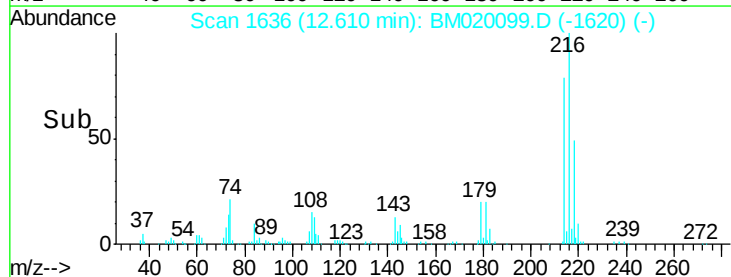
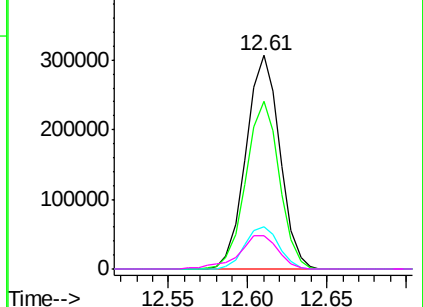


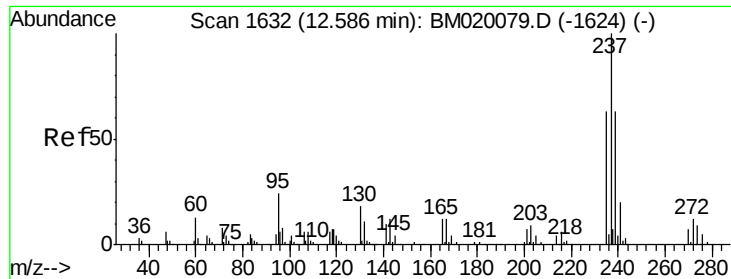
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.875 ng

RT: 12.59 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

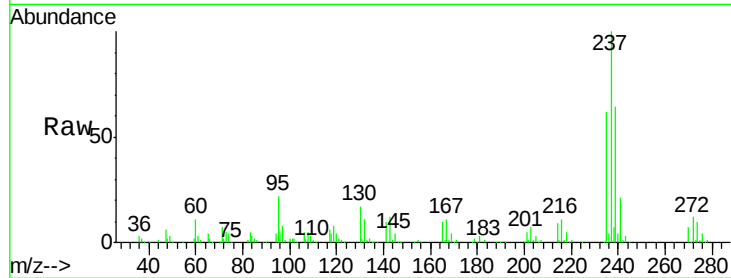
Tot Ion:237 Resp: 263786

Ion Ratio Lower Upper

237 100

235 62.0 43.4 83.4

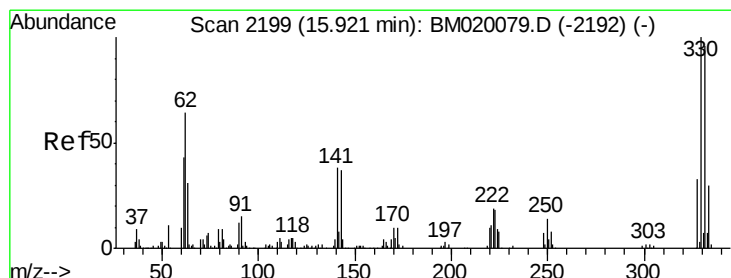
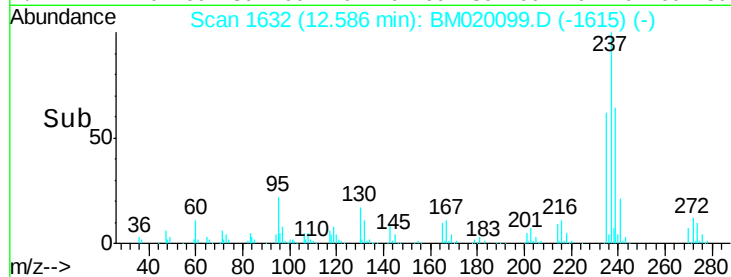
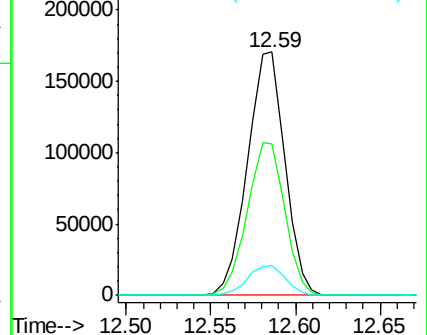
272 12.1 0.0 31.7



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: 79.524 ng

RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

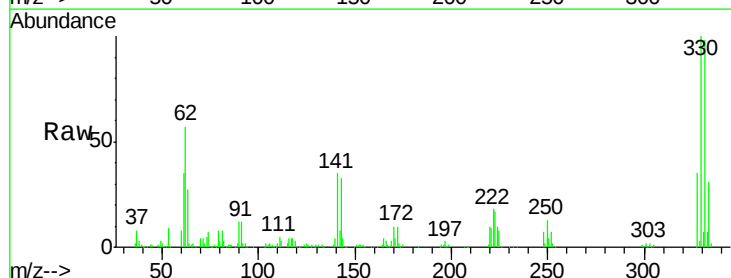
Tgt Ion:330 Resp: 373188

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

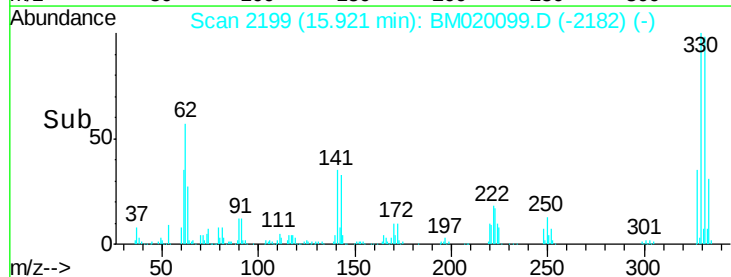
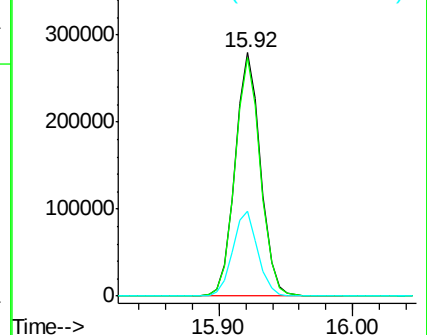
141 34.7 29.2 43.8



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

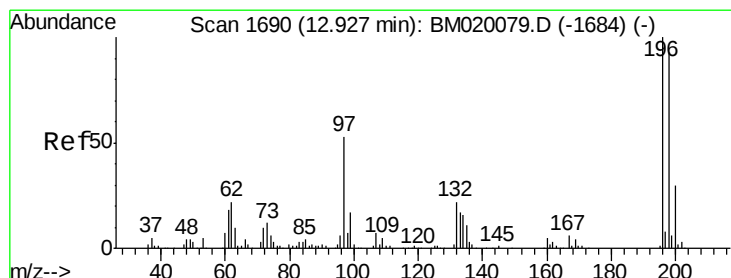
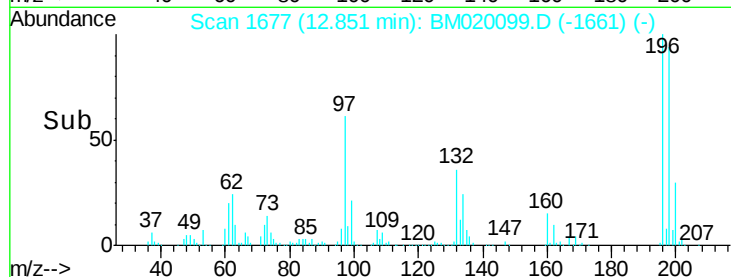
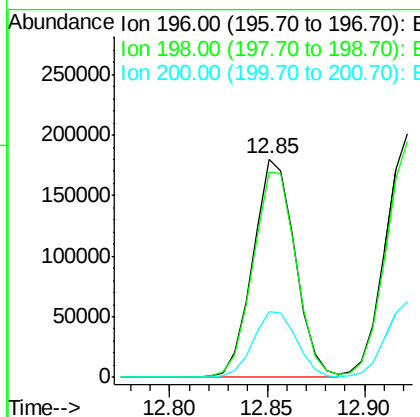
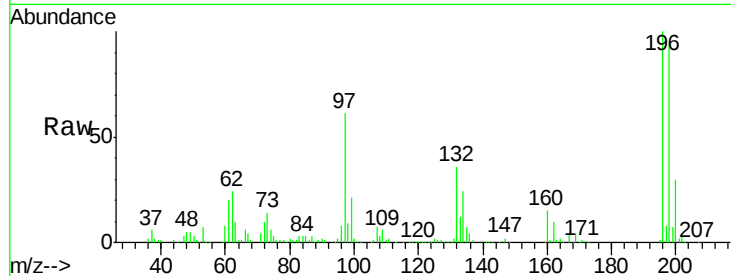




#43
 2,4,6-Trichlorophenol
 Concen: 39.906 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

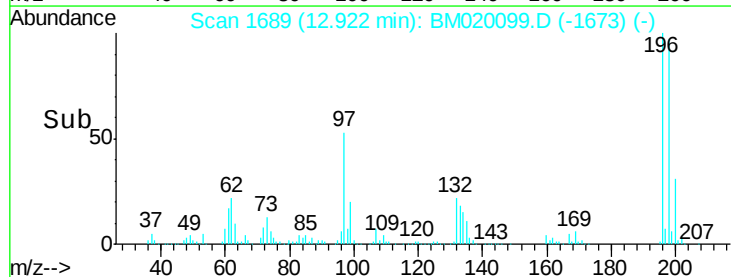
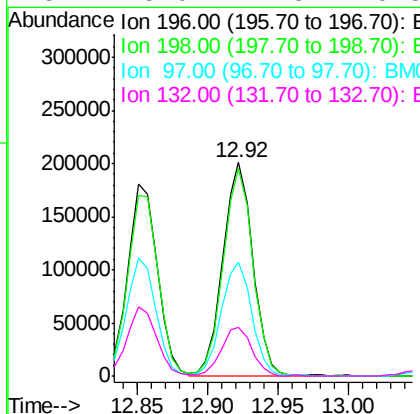
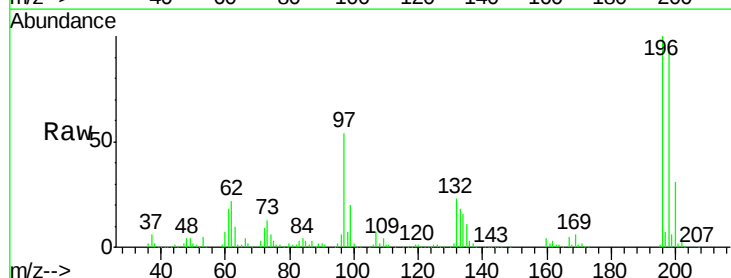
Instrument :
 BNA_M
 ClientSampleId :

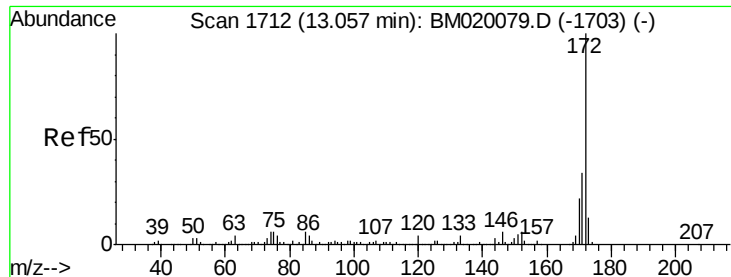
Tot Ion:196 Resp: 268263
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.2 114.2
 200 29.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 39.263 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:196 Resp: 294859
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.7 112.1
 97 53.6 42.2 63.4
 132 23.0 17.8 26.8

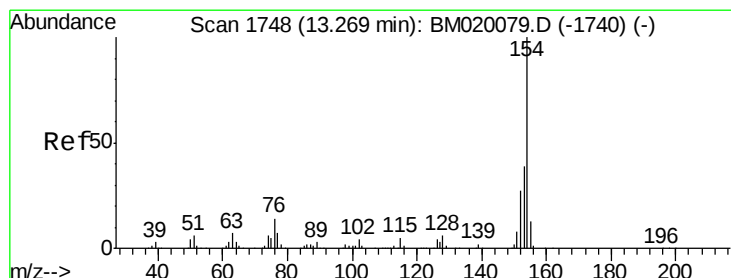
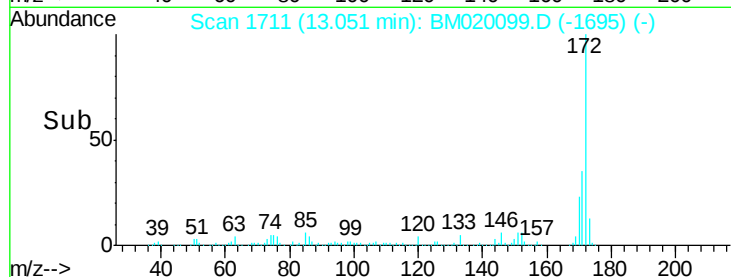
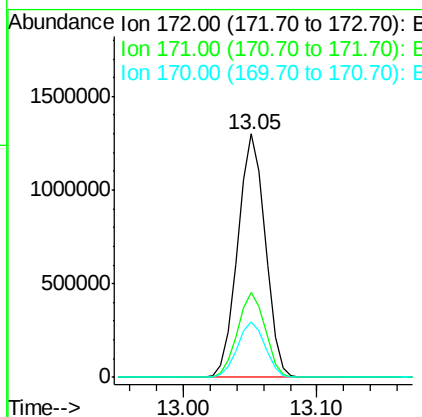
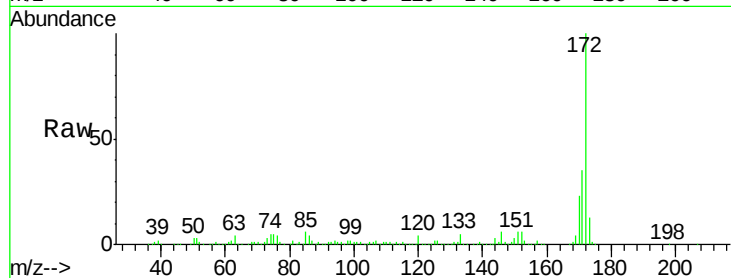




#45
2-Fluorobiphenyl
Concen: 75.499 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

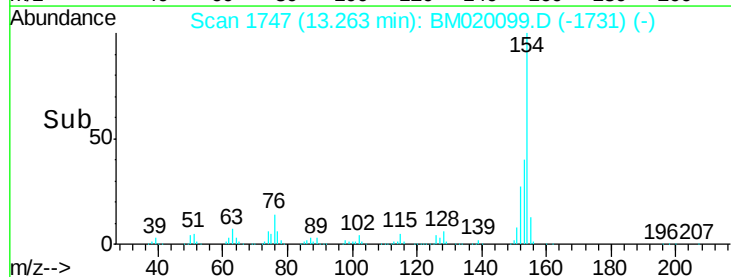
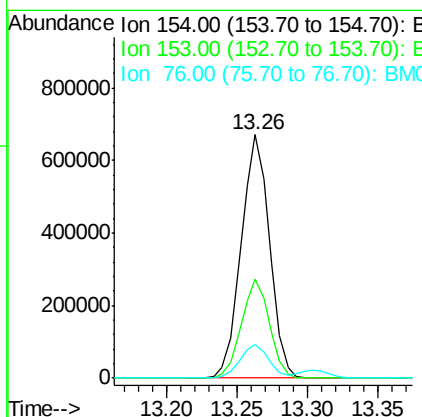
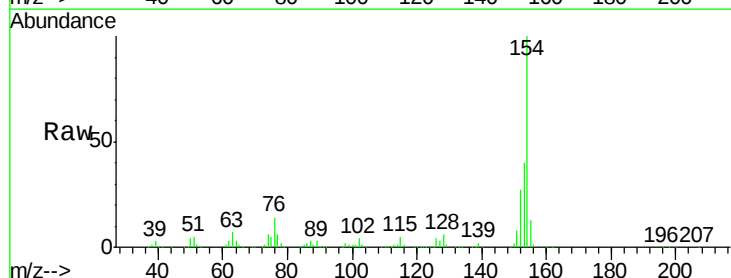
Instrument :
BNA_M
ClientSampleId :

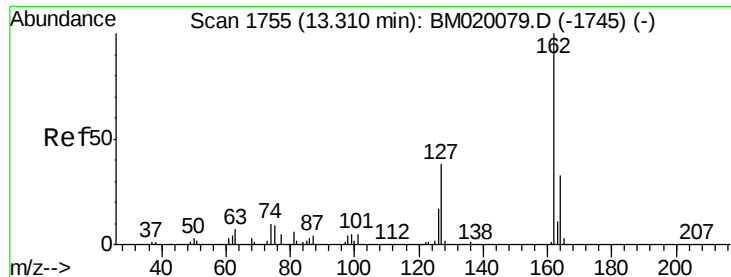
Tot Ion:172 Resp: 1855190
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.0 17.9 26.9



#46
1,1'-Biphenyl
Concen: 37.734 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:154 Resp: 939001
Ion Ratio Lower Upper
154 100
153 40.4 19.4 59.4
76 13.9 0.0 34.5

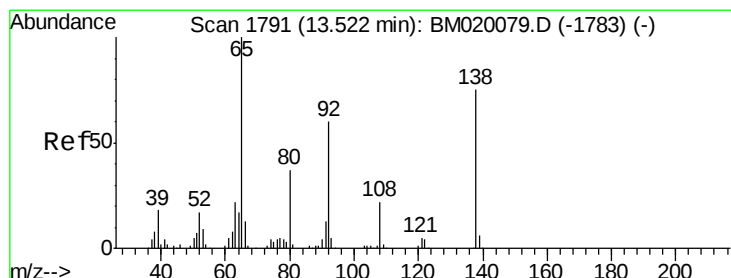
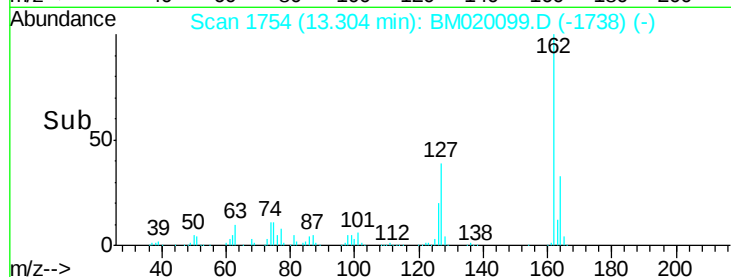
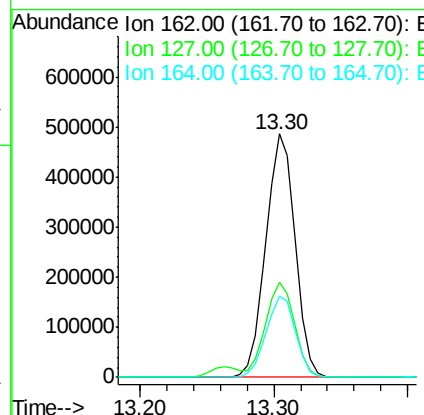
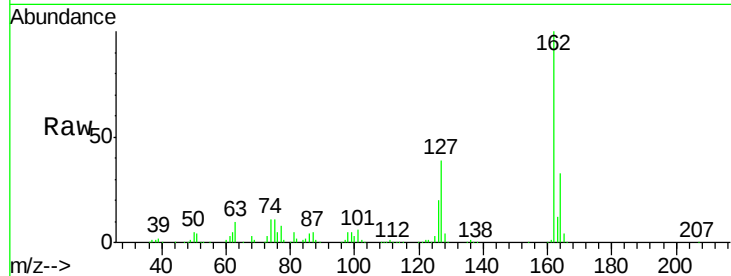




#47
 2-Chloronaphthalene
 Concen: 37.223 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

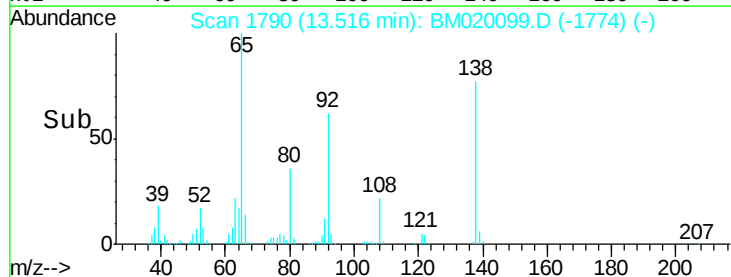
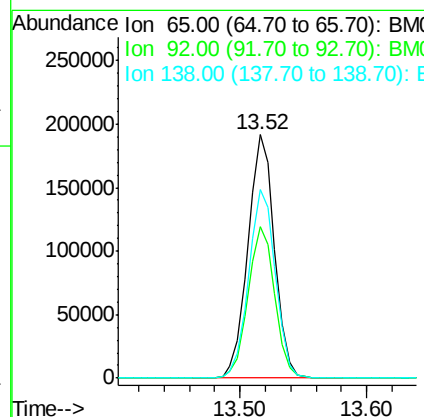
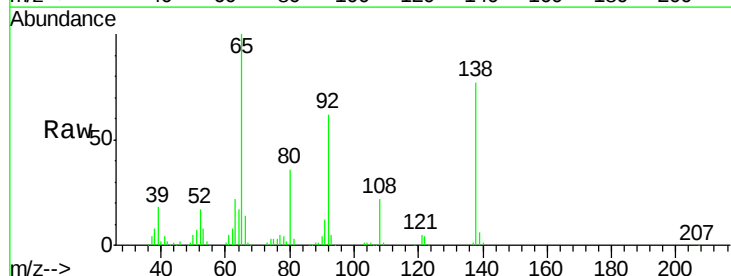
Instrument :
 BNA_M
 ClientSampleId :

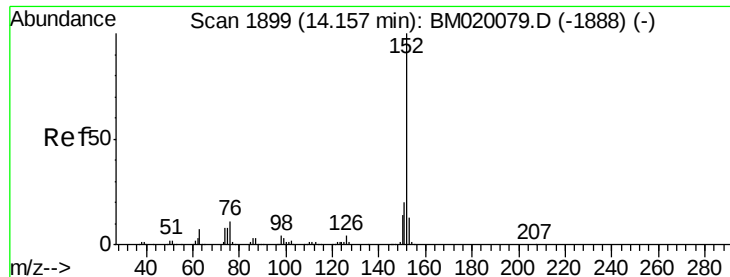
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.0	46.4
164	33.4	26.2	39.2



#48
 2-Nitroaniline
 Concen: 39.450 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	48.2	72.4
138	77.2	60.3	90.5





#49

Acenaphthylene

Concen: 37.724 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

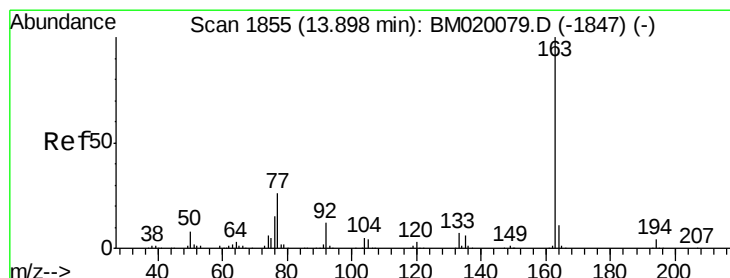
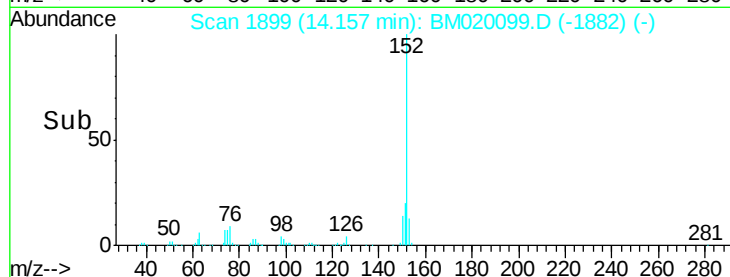
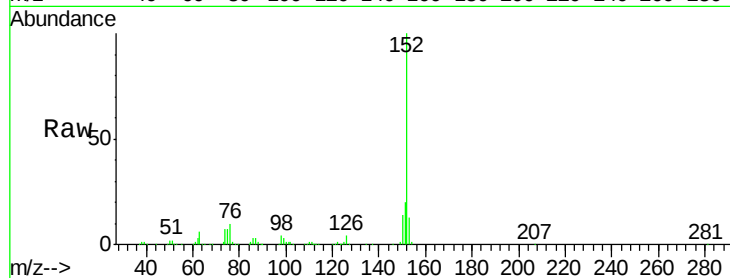
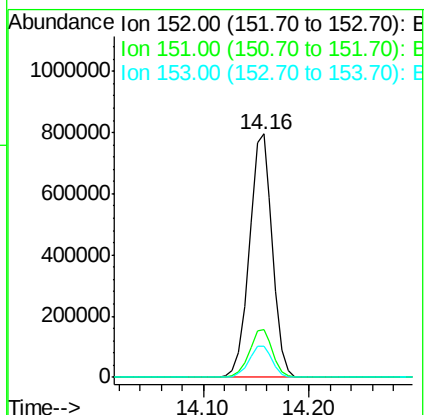
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1199516

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.0	10.6	16.0



#50

Dimethylphthalate

Concen: 37.936 ng

RT: 13.89 min Scan# 1854

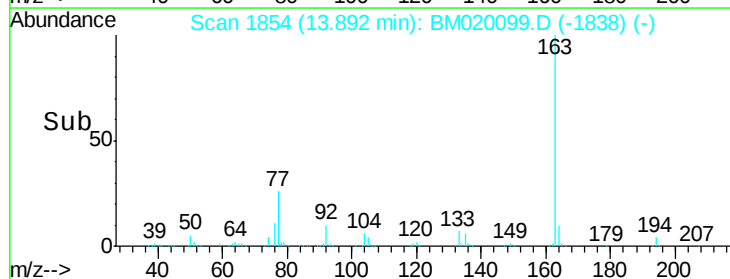
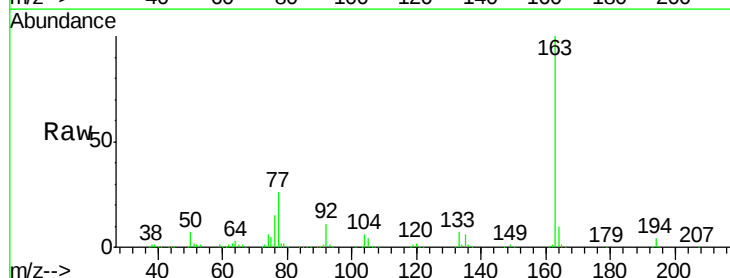
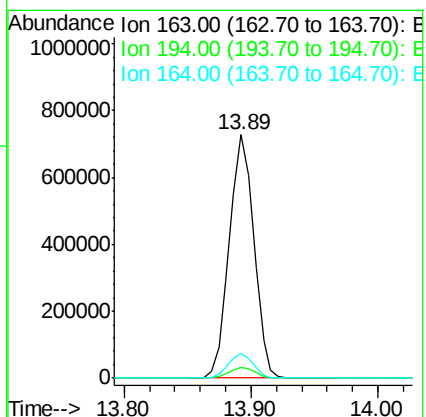
Delta R.T. -0.01 min

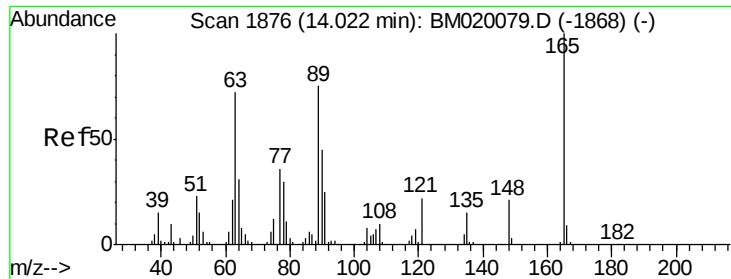
Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion:163 Resp: 974801

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.0	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 39.419 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

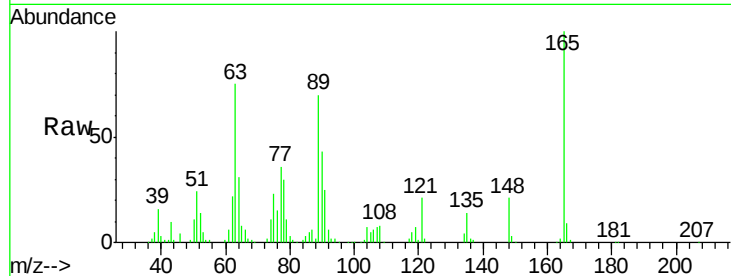
Tot Ion:165 Resp: 213337

Ion Ratio Lower Upper

165 100

63 74.7 60.3 90.5

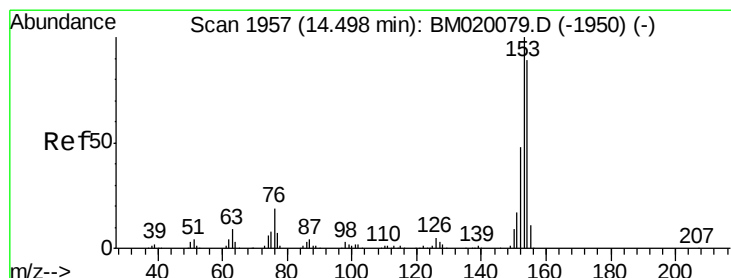
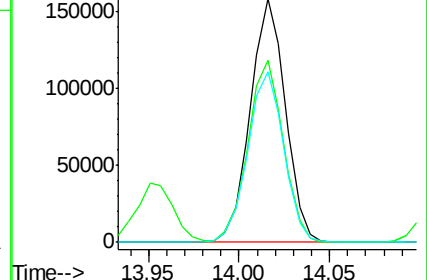
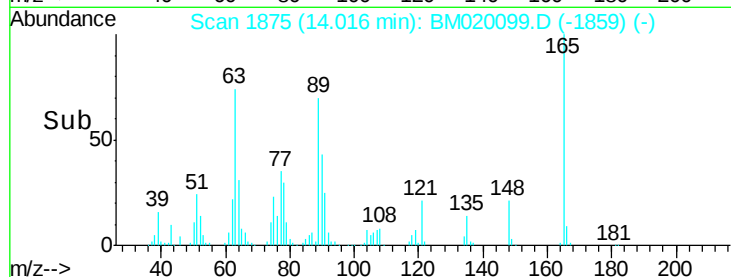
89 70.3 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 38.349 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

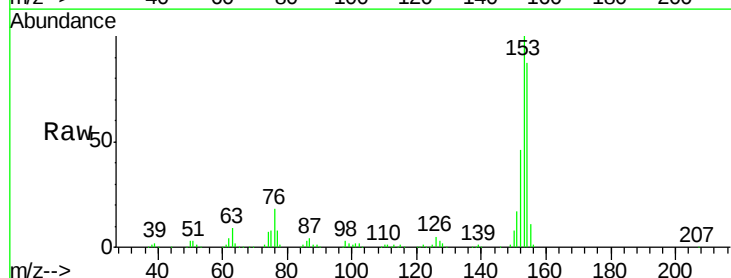
Tgt Ion:154 Resp: 699278

Ion Ratio Lower Upper

154 100

153 114.6 90.2 135.2

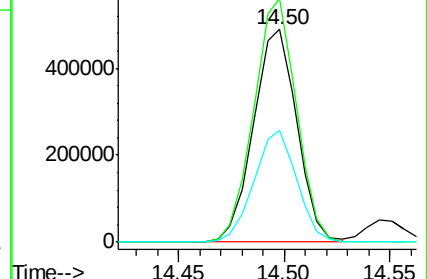
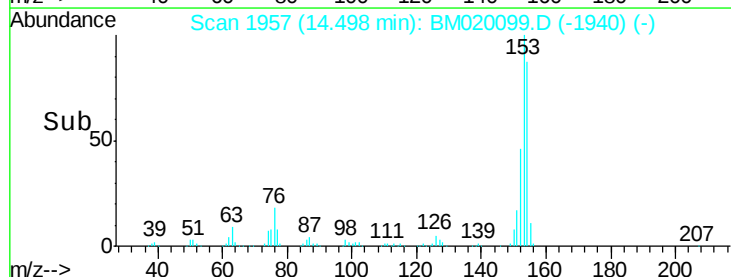
152 52.8 43.0 64.4

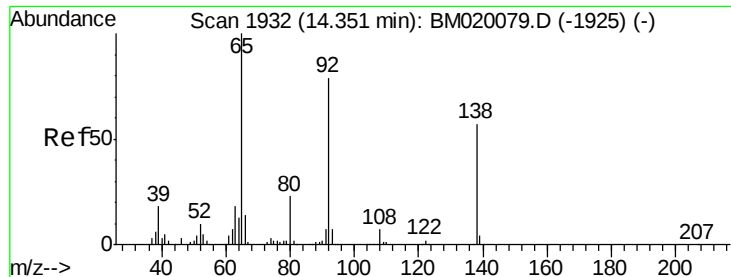


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

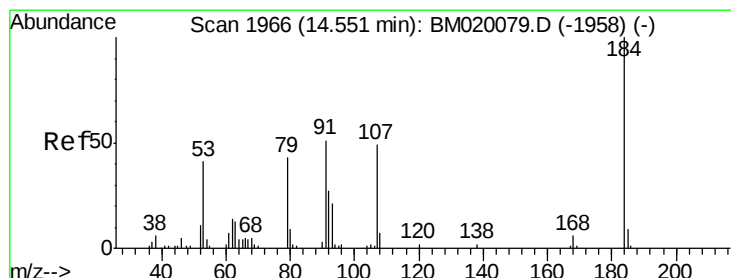
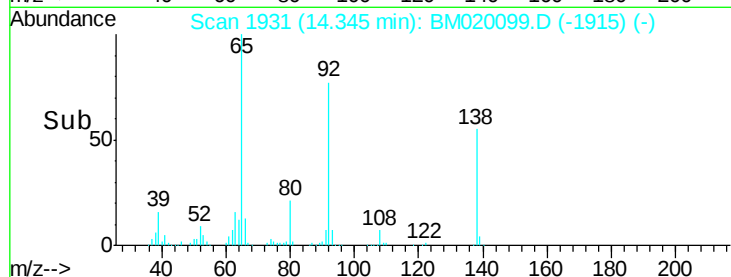
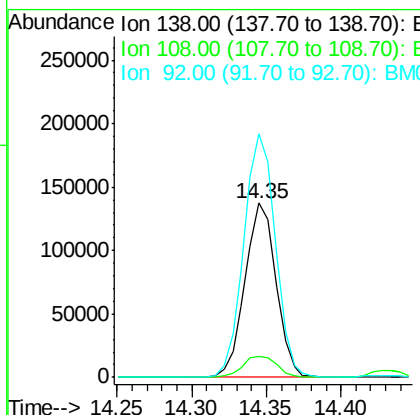
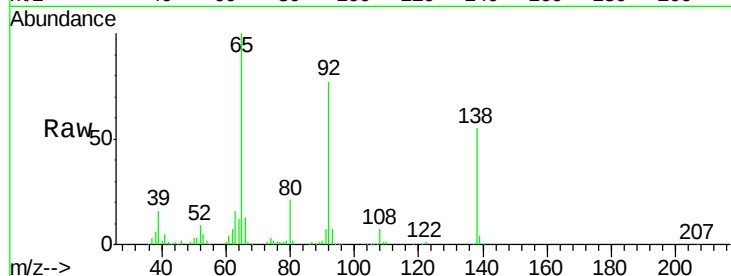




#53
 3-Nitroaniline
 Concen: 39.401 ng
 RT: 14.35 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

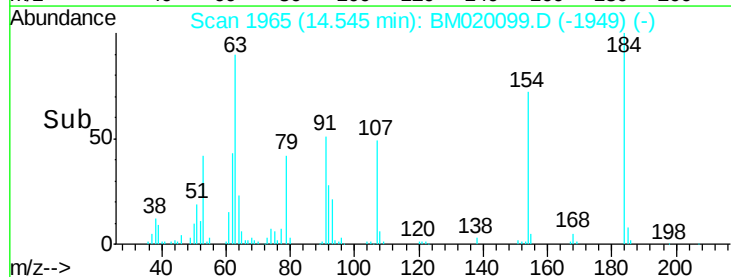
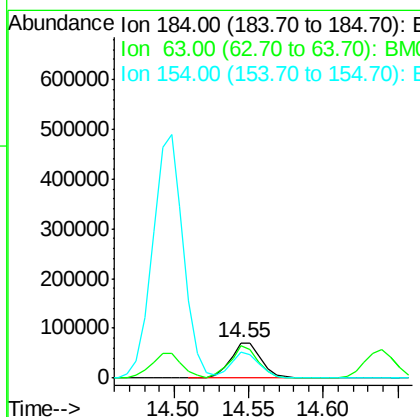
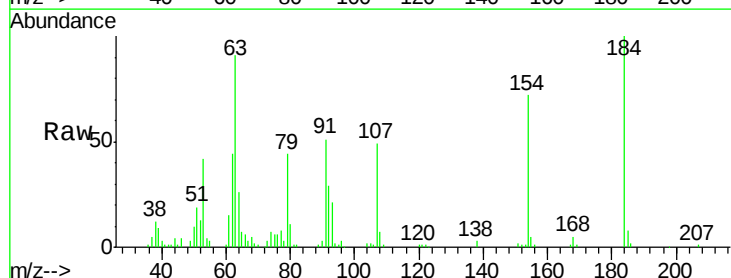
Instrument :
 BNA_M
 ClientSampleId :

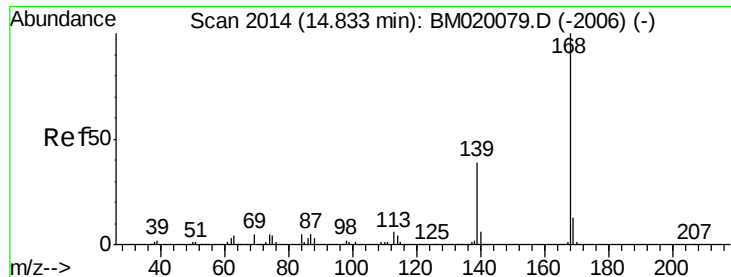
Tot Ion:138 Resp: 197916
 Ion Ratio Lower Upper
 138 100
 108 11.9 10.4 15.6
 92 139.9 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 42.288 ng
 RT: 14.55 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:184 Resp: 102530
 Ion Ratio Lower Upper
 184 100
 63 90.6 68.9 103.3
 154 71.8 54.4 81.6

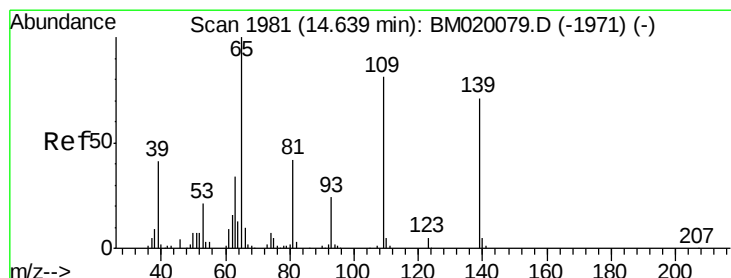
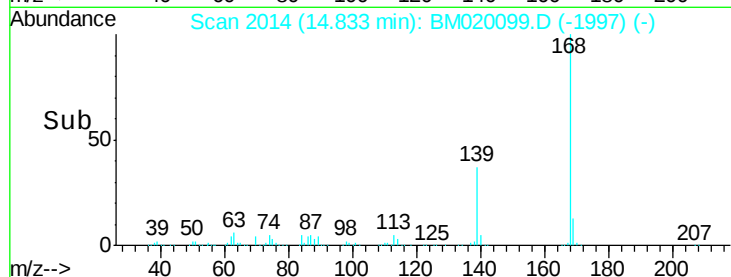
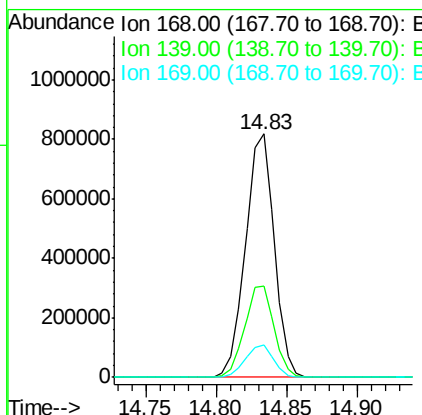
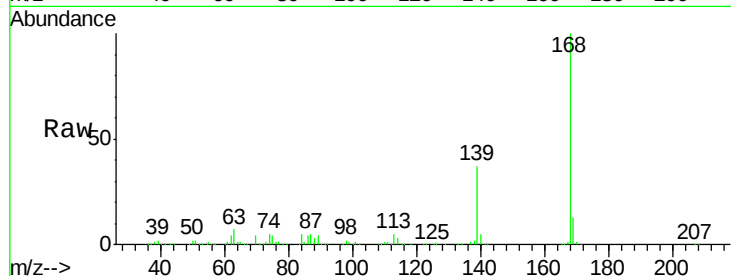




#55
Dibenzenofuran
Concen: 37.975 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

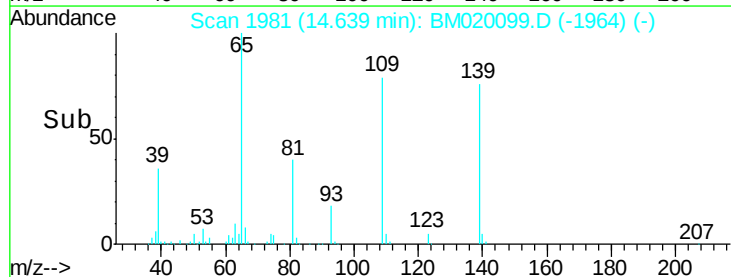
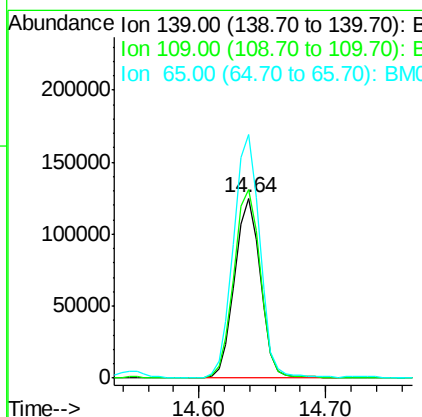
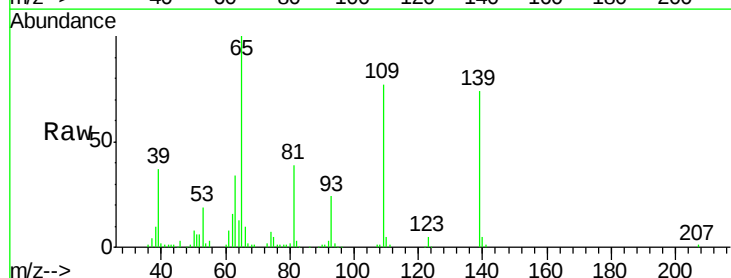
Instrument :
BNA_M
ClientSampleId :

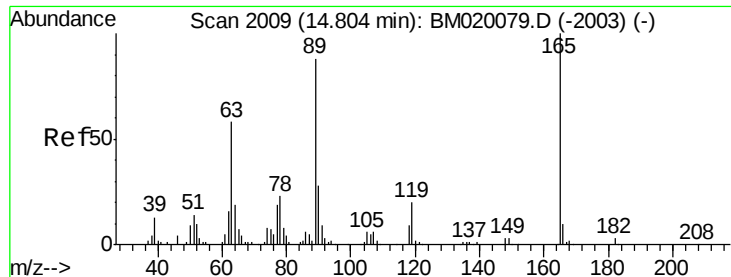
Tot Ion:168 Resp: 1167994
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 41.216 ng
RT: 14.64 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:139 Resp: 176639
Ion Ratio Lower Upper
139 100
109 104.9 94.1 134.1
65 135.3 120.9 160.9

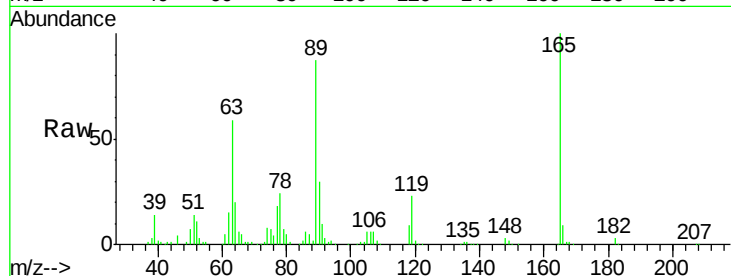




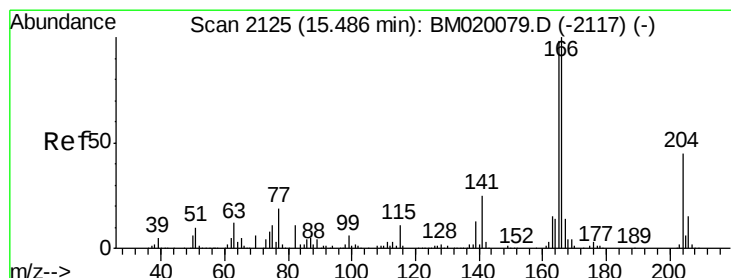
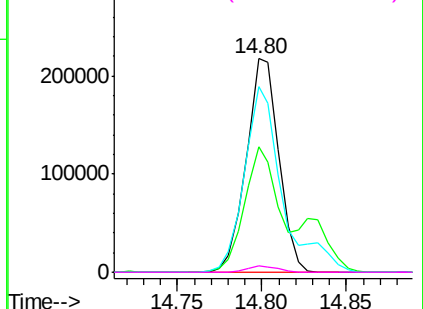
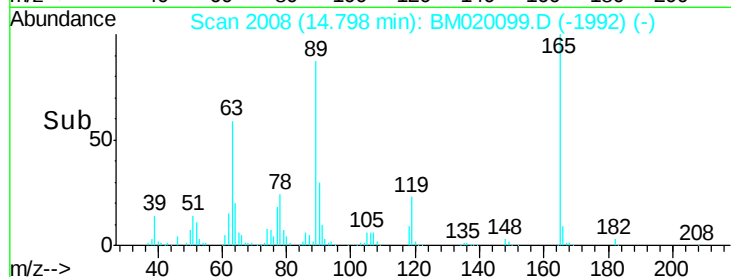
#57
 2,4-Dinitrotoluene
 Concen: 39.856 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	165	Resp:	293101
Ion	Ratio	Lower	Upper
165	100		
63	58.9	46.2	69.2
89	87.1	70.6	105.8
182	3.0	2.2	3.2

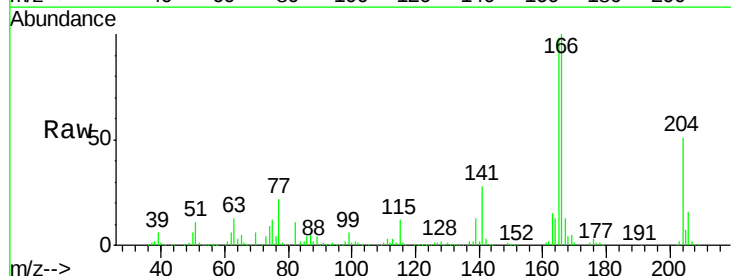


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

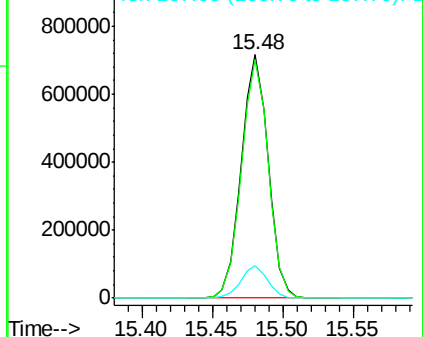
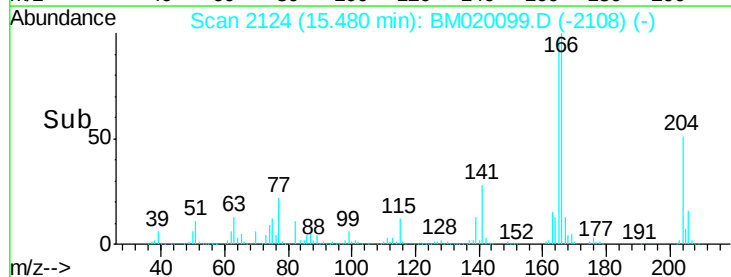


#58
 Fluorene
 Concen: 37.774 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:	166	Resp:	954169
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	13.1	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

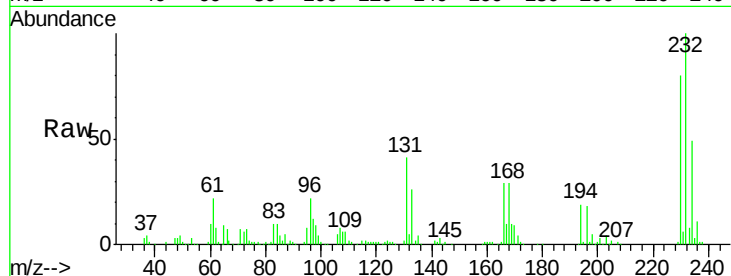




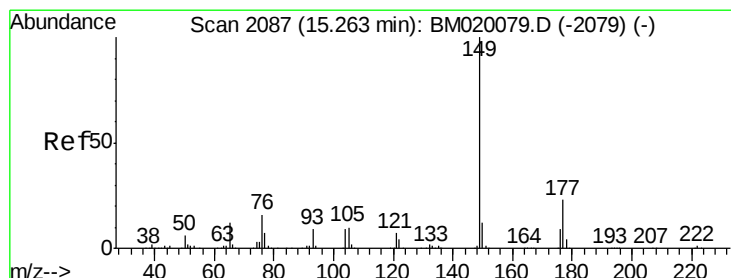
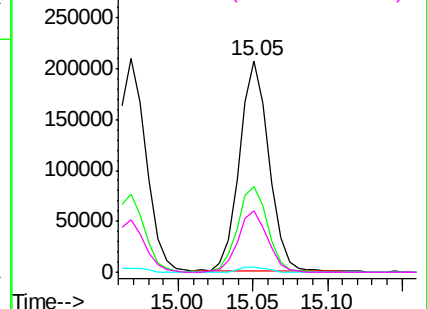
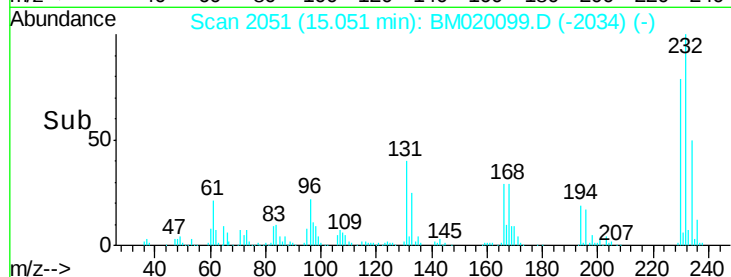
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.711 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	283399
Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.2	51.4
130	2.5	2.0	3.0
166	29.5	23.8	35.8

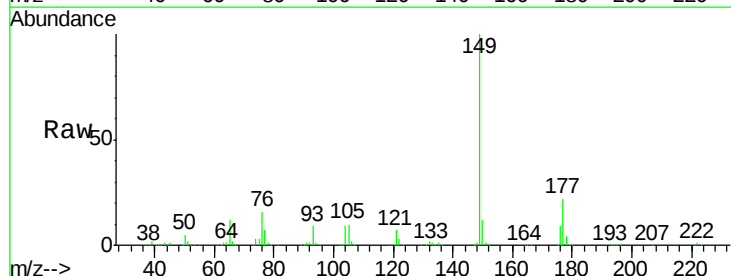


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

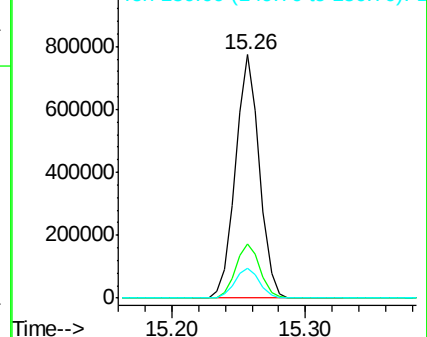
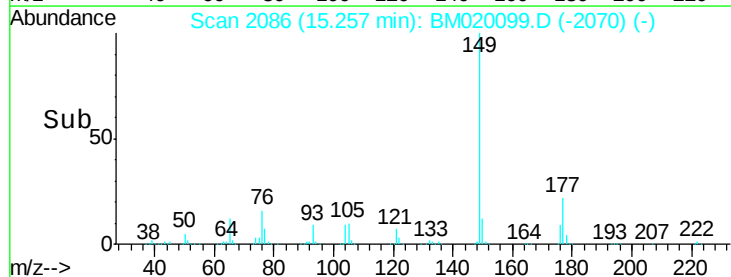


#60
 Diethylphthalate
 Concen: 37.342 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:	149	Resp:	966719
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.4
150	12.5	9.9	14.9



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

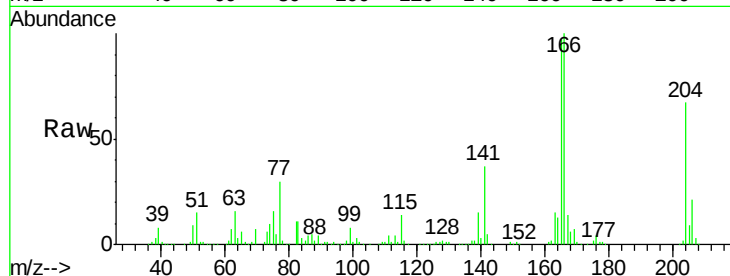




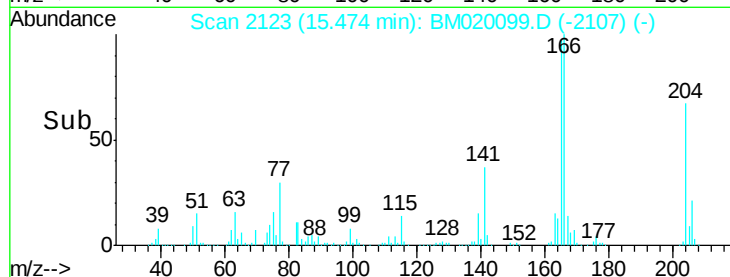
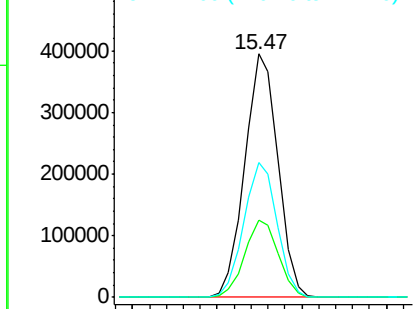
#61
 4-Chlorophenyl-phenylether
 Concen: 37.788 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 540837
 Ion Ratio Lower Upper
 204 100
 206 31.9 25.6 38.4
 141 55.6 46.1 69.1

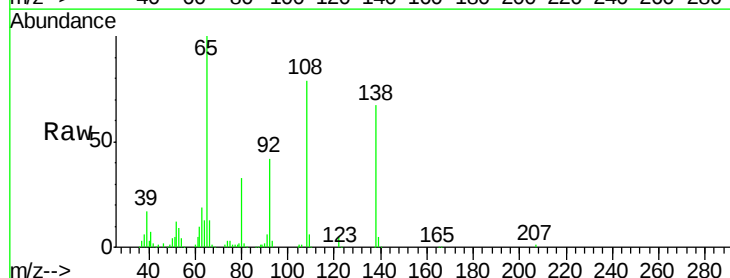


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

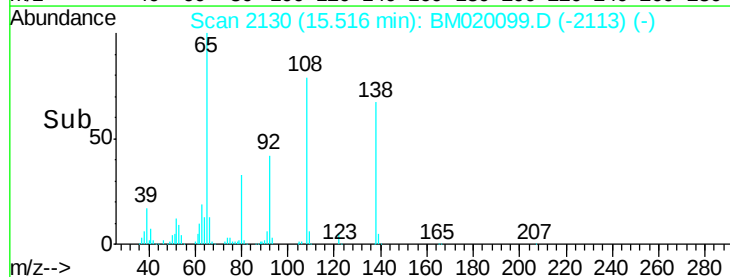
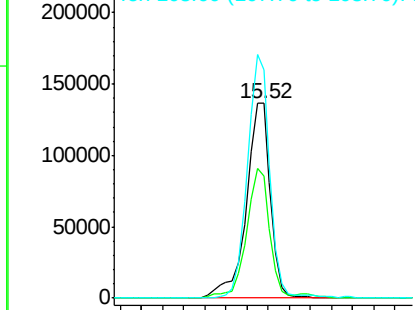


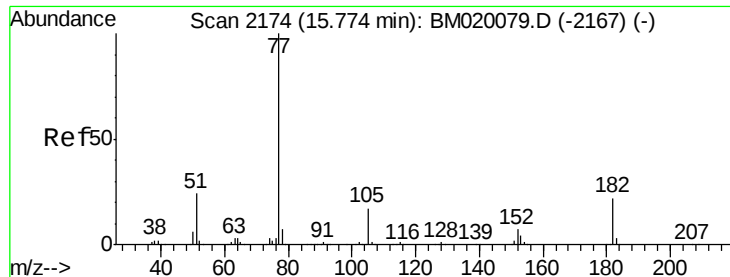
#62
 4-Nitroaniline
 Concen: 39.454 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:138 Resp: 218709
 Ion Ratio Lower Upper
 138 100
 92 62.5 45.9 85.9
 108 117.4 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

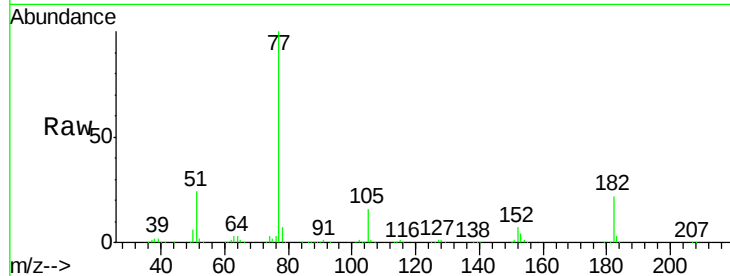




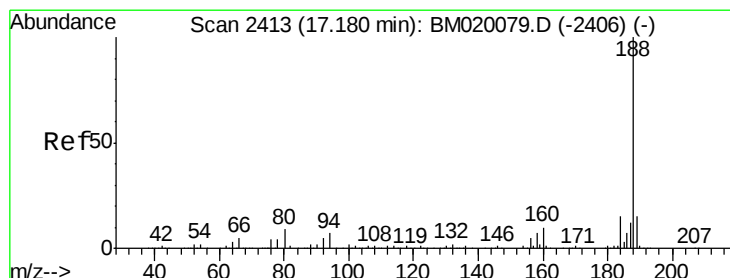
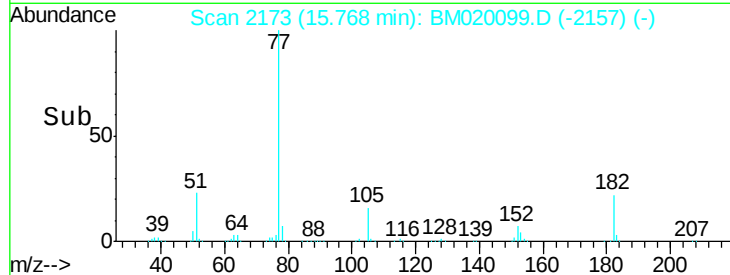
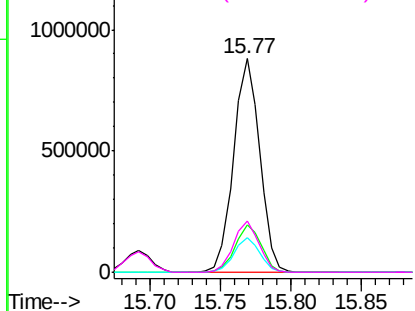
#63
Azobenzene
Concen: 37.078 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 1132382
Ion Ratio Lower Upper
77 100
182 22.0 2.1 42.1
105 16.0 0.0 36.8
51 23.8 3.8 43.8

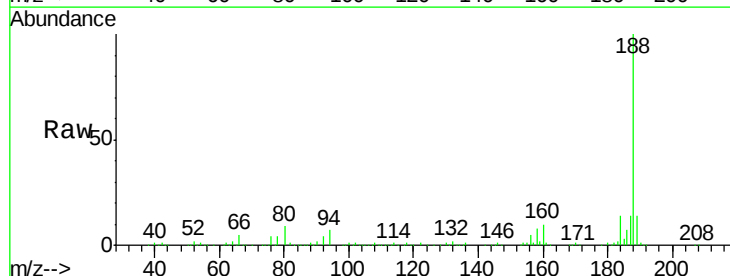


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)
Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)
Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)

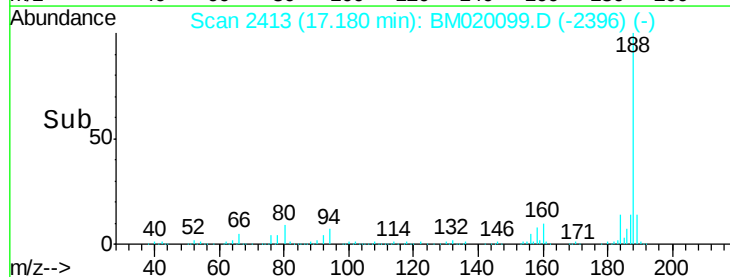
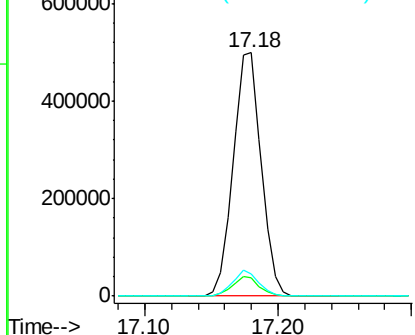


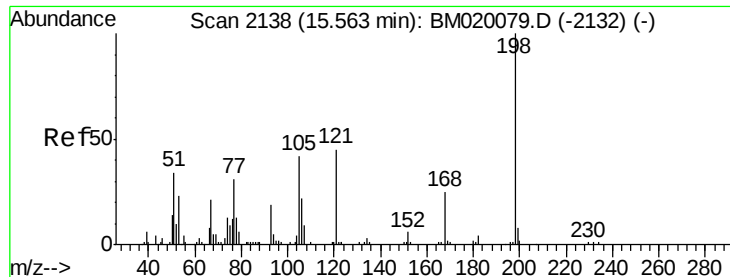
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion: 188 Resp: 726025
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 9.0 7.4 11.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.505 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

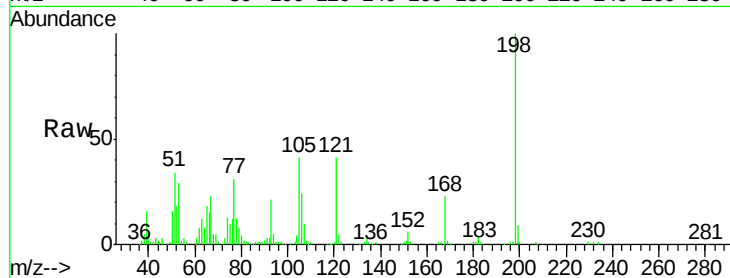
Tot Ion:198 Resp: 147869

Ion Ratio Lower Upper

198 100

51 34.1 16.5 56.5

105 40.9 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

15.56

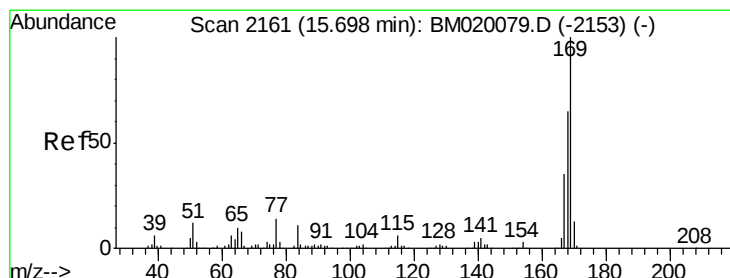
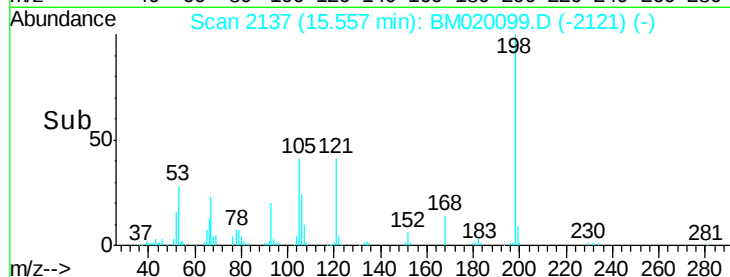
100000

50000

0

15.50 15.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.522 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

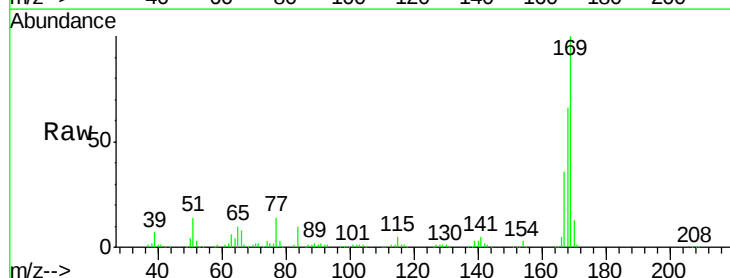
Tgt Ion:169 Resp: 822972

Ion Ratio Lower Upper

169 100

168 66.5 51.9 77.9

167 35.9 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.69

800000

600000

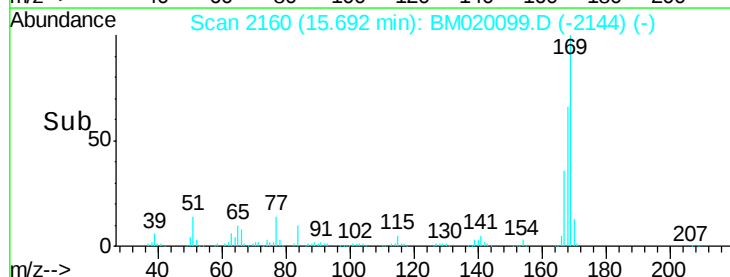
400000

200000

0

15.60 15.70 15.80

Time-->

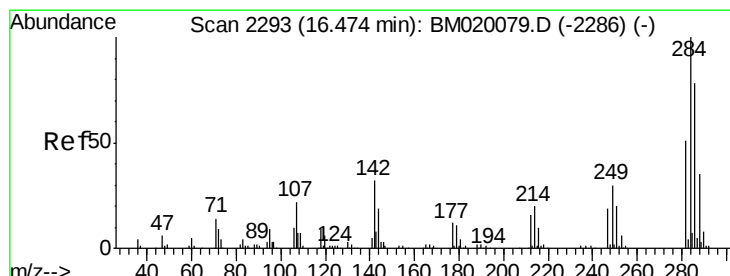
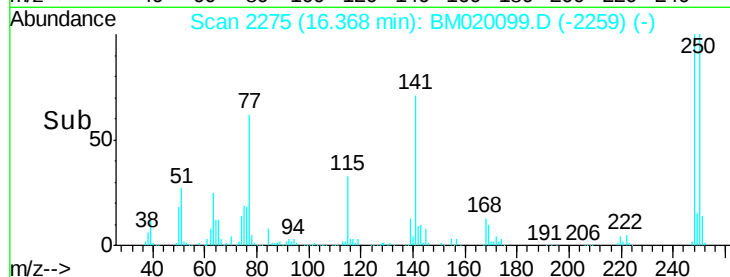
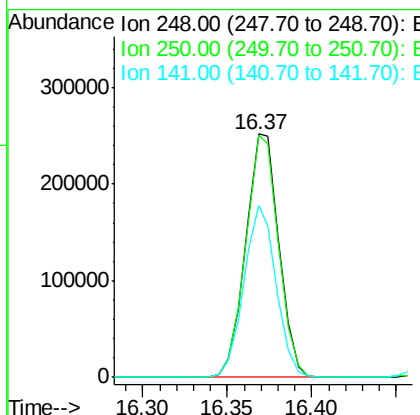
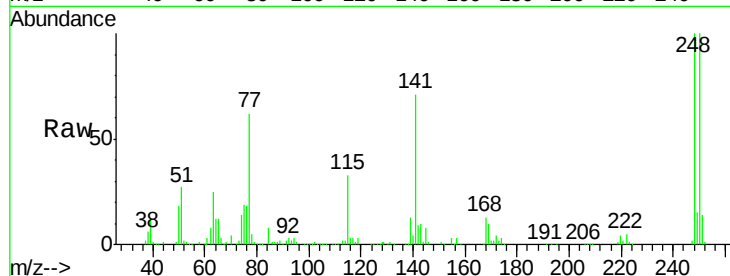




#67
 4-Bromophenyl-phenylether
 Concen: 38.745 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

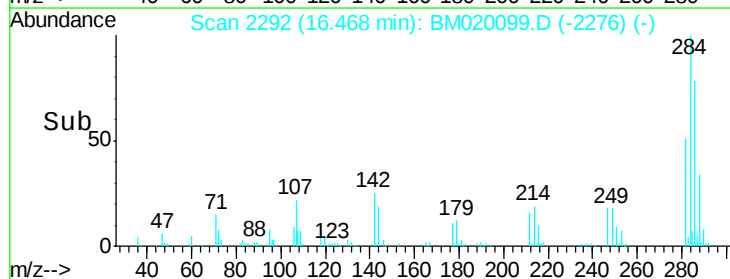
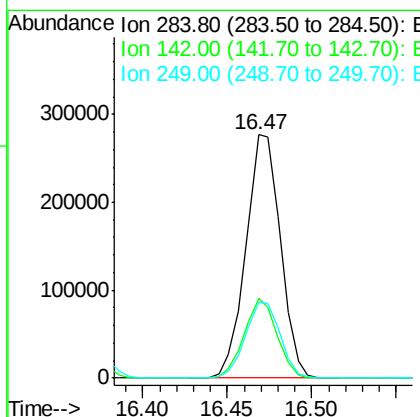
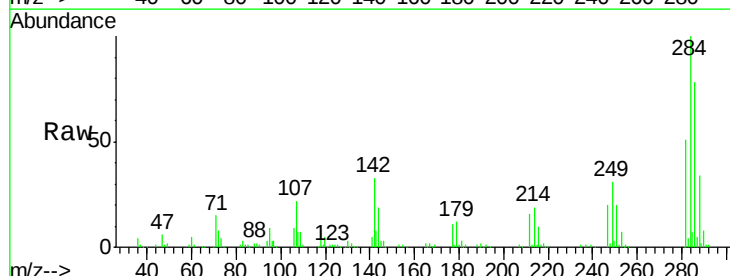
Instrument :
 BNA_M
 ClientSampleId :

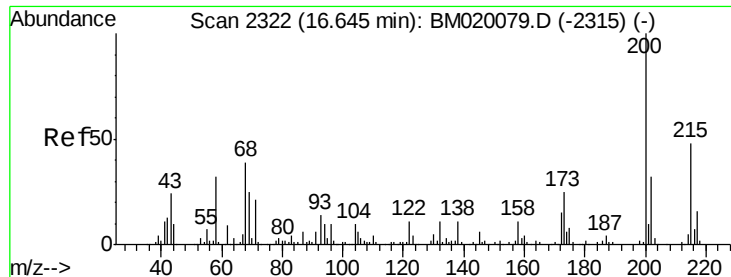
Tot Ion:248 Resp: 344949
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.4 117.6
 141 70.6 57.4 86.2



#68
 Hexachlorobenzene
 Concen: 38.555 ng
 RT: 16.47 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:284 Resp: 394992
 Ion Ratio Lower Upper
 284 100
 142 32.5 25.2 37.8
 249 31.2 23.6 35.4

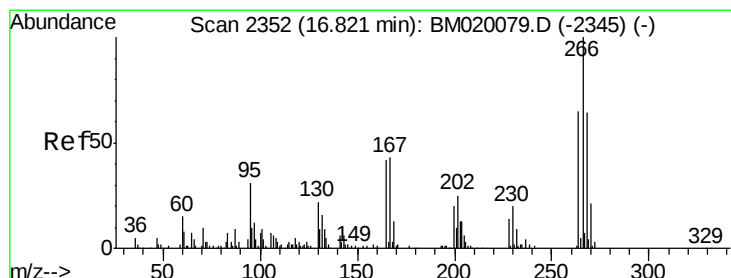
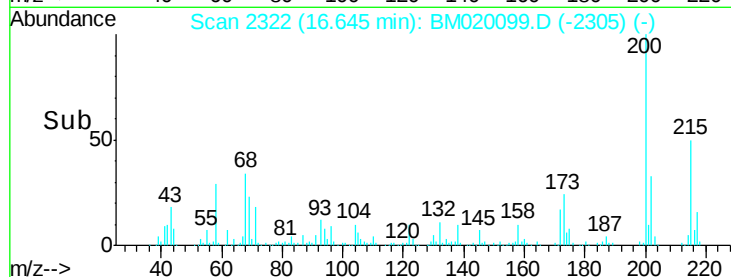
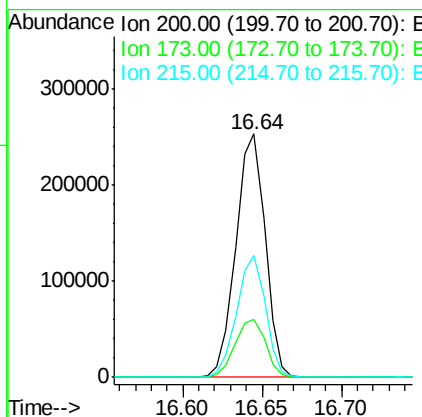
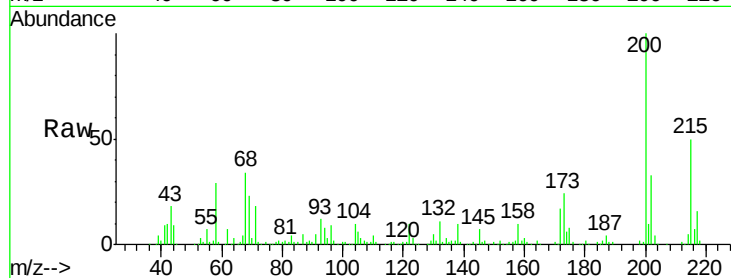




#69
 Atrazine
 Concen: 39.044 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

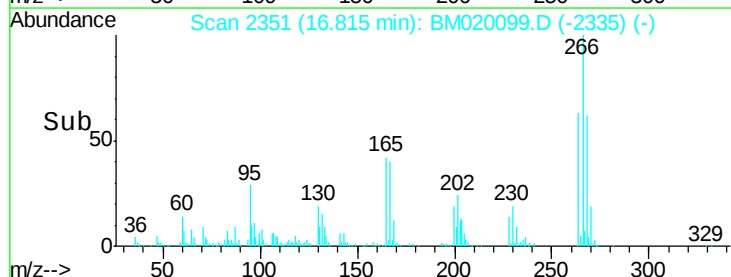
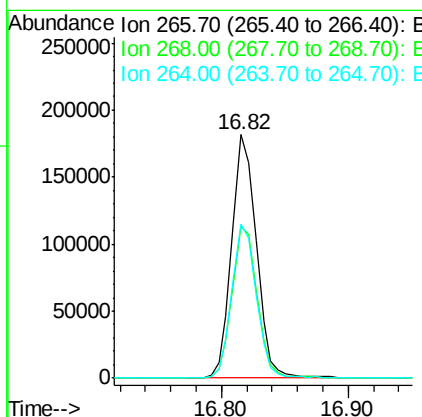
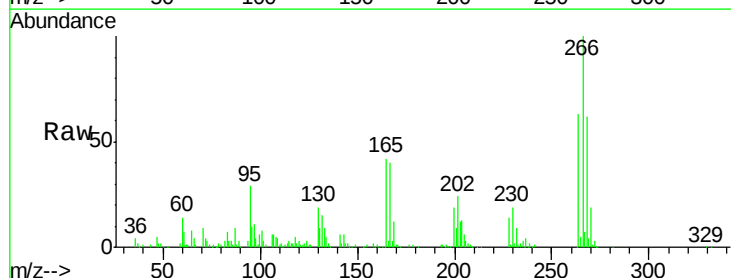
Instrument :
 BNA_M
 ClientSampleId :

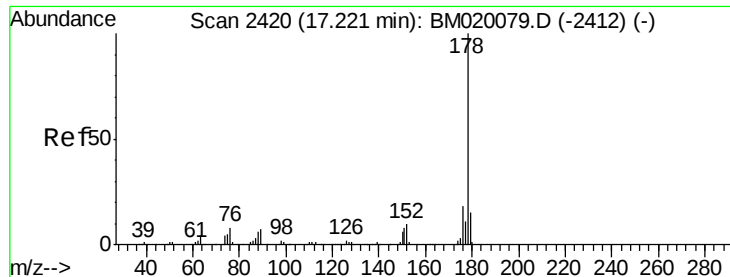
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.6	44.6
215	50.0	28.0	68.0



#70
 Pentachlorophenol
 Concen: 41.862 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.4	77.0
264	63.3	52.0	78.0

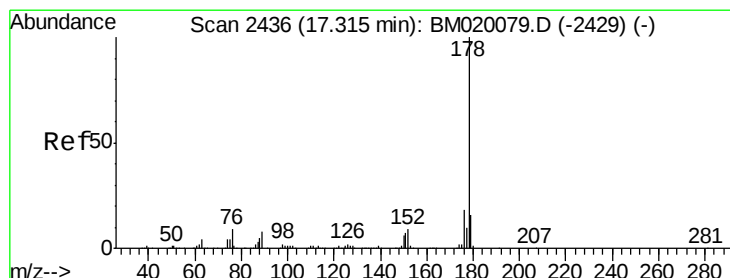
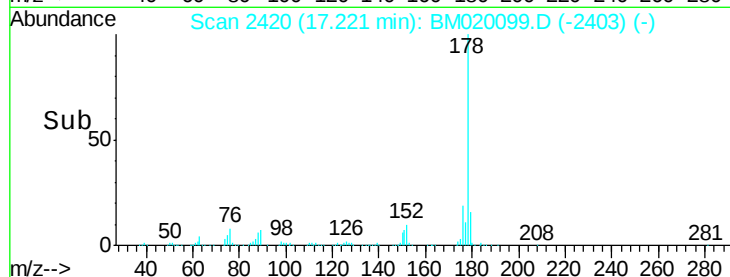
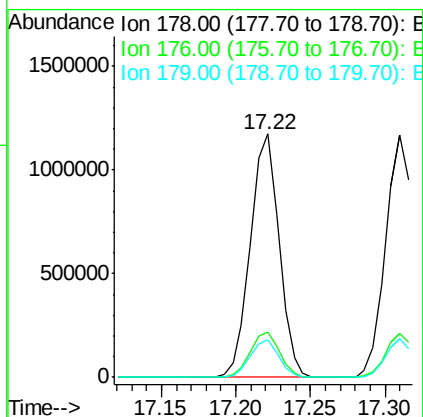
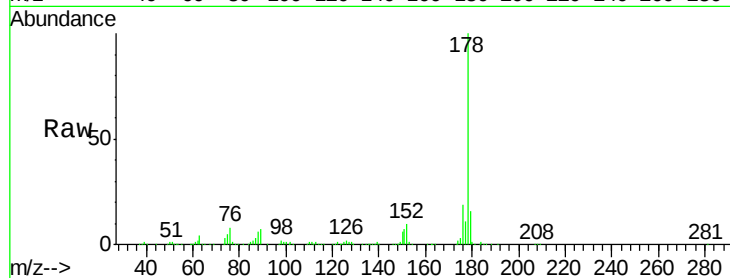




#71
Phenanthrene
Concen: 38.898 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

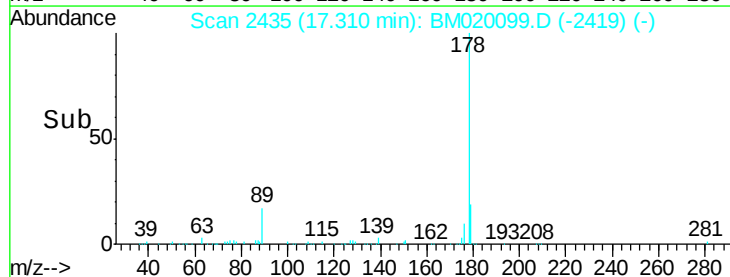
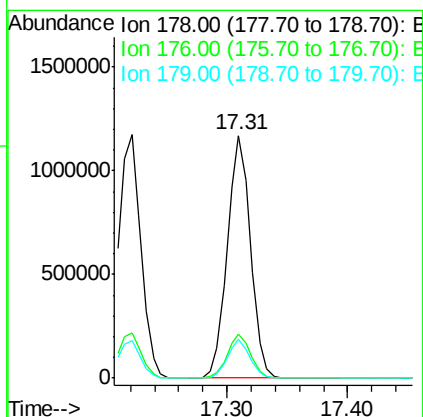
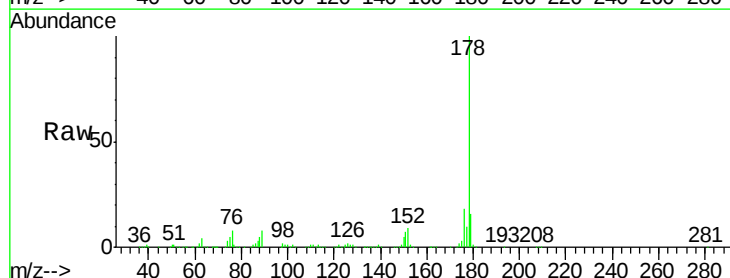
Instrument :
BNA_M
ClientSampleId :

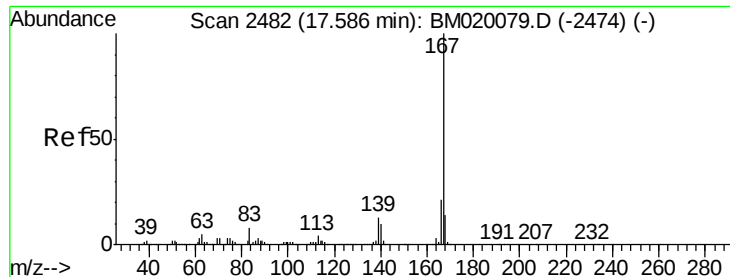
Tot Ion:178 Resp: 1558930
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.5 12.4 18.6



#72
Anthracene
Concen: 38.882 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:178 Resp: 1557986
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.8 12.4 18.6

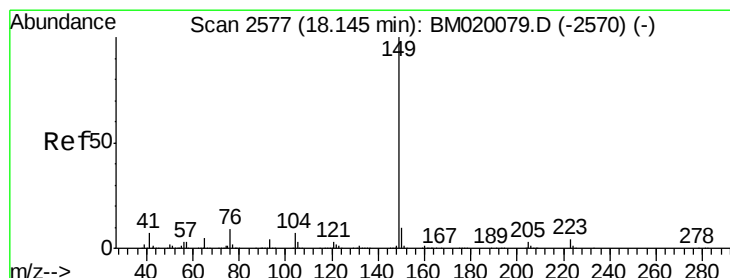
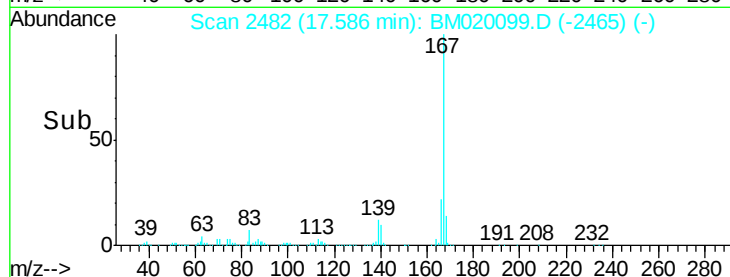
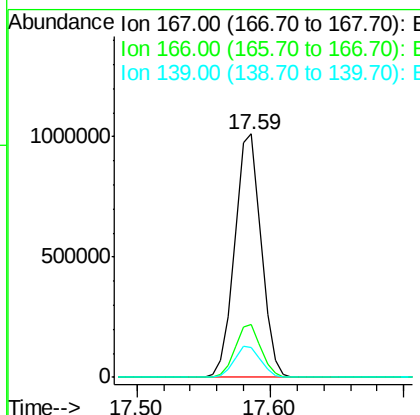
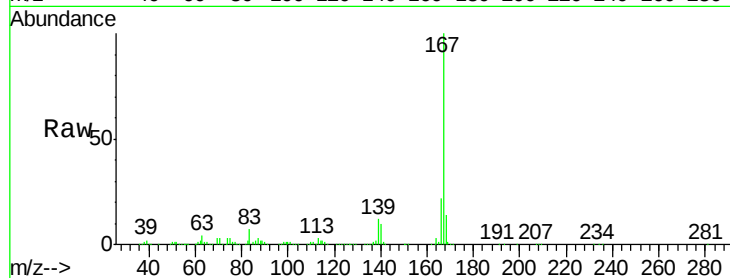




#73
 Carbazole
 Concen: 38.600 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

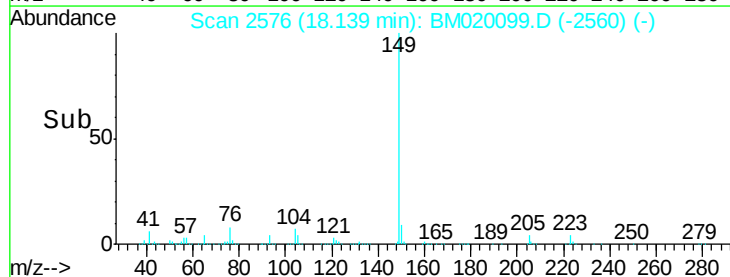
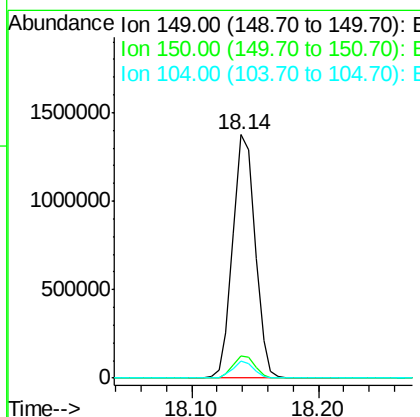
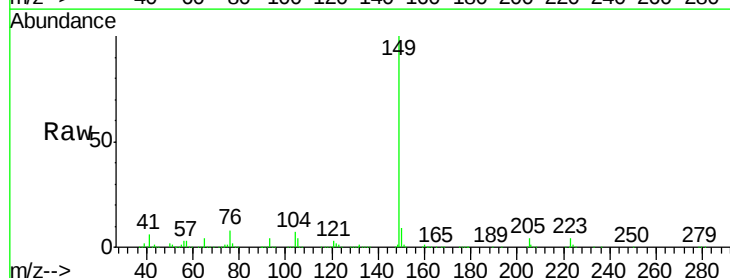
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1395623
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.405 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020099.D
 Acq: 01 May 2019 20:30

Tgt Ion:149 Resp: 1671083
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 6.9 5.7 8.5





#75

Fluoranthene

Concen: 39.454 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

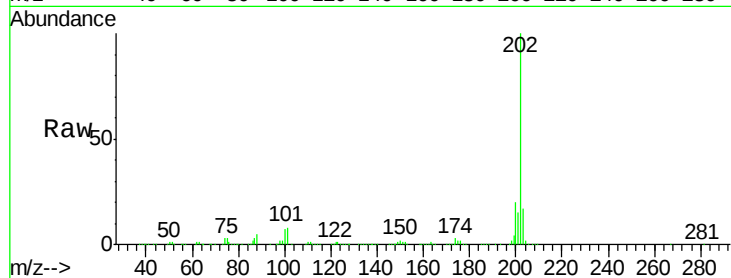
Tot Ion:202 Resp: 2000617

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.4

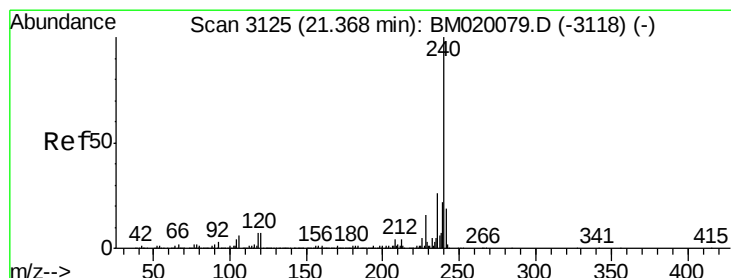
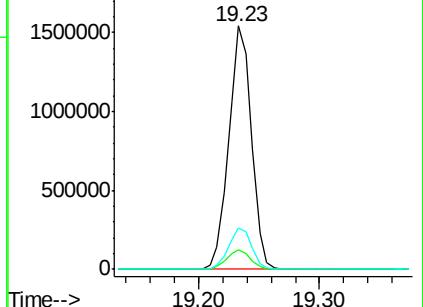
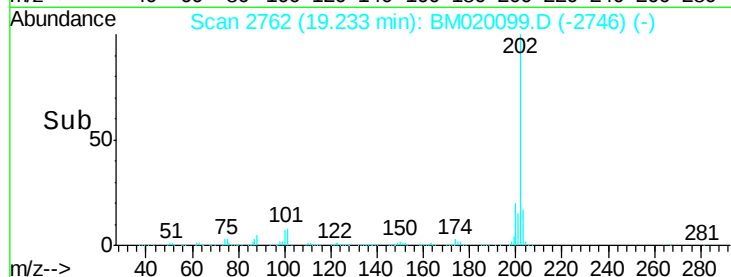
203 17.3 0.0 37.4



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: BM020099.D

Acq: 01 May 2019 20:30

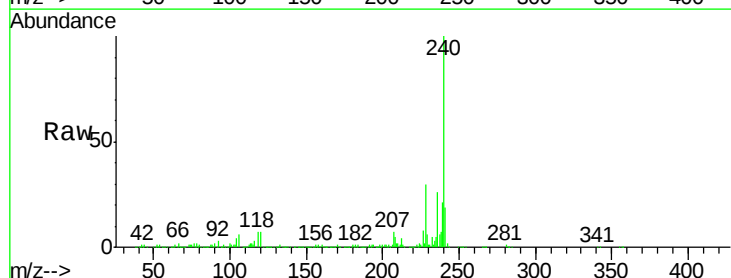
Tgt Ion:240 Resp: 803161

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

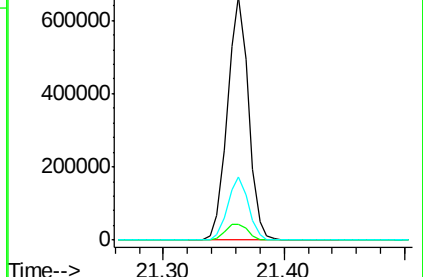
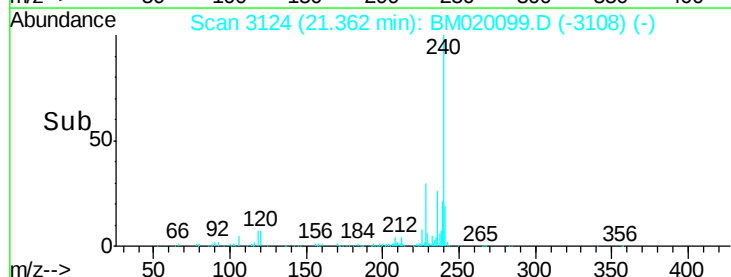
236 25.8 20.9 31.3

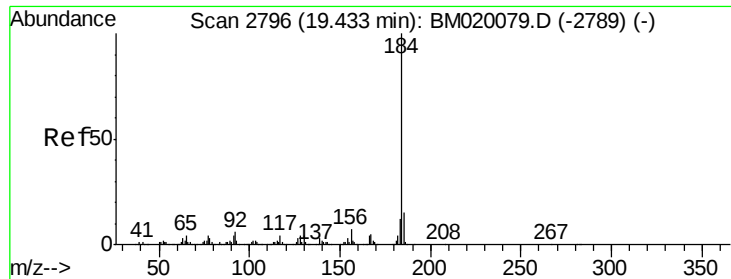


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.013 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampled :

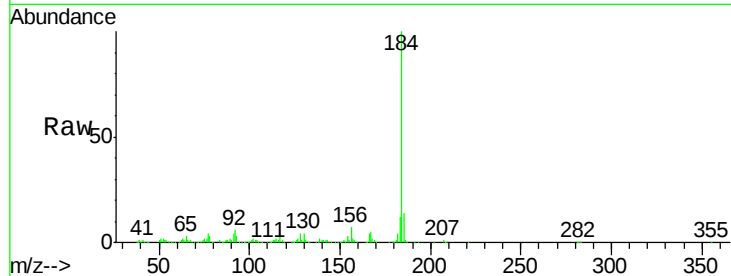
Tot Ion:184 Resp: 899056

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

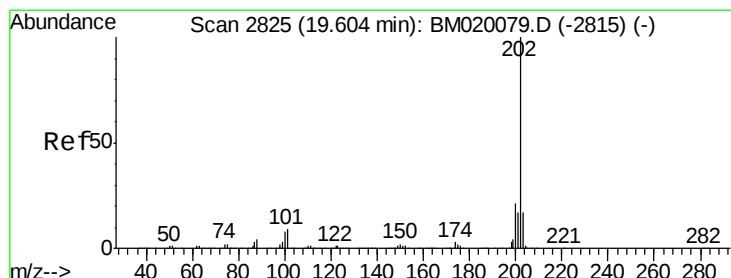
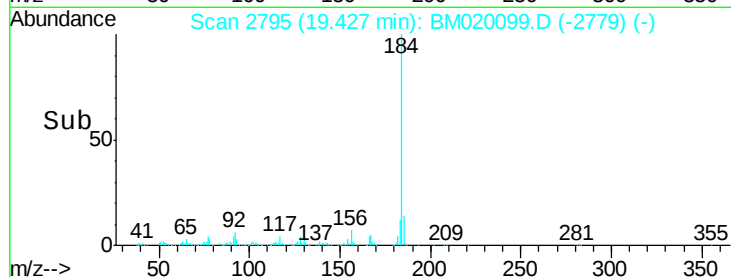
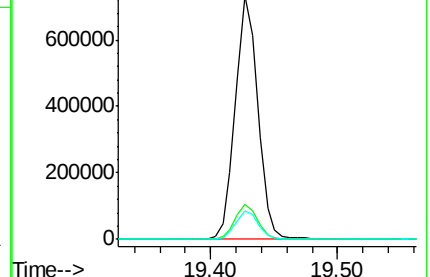
183 11.8 9.5 14.3



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: 37.817 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

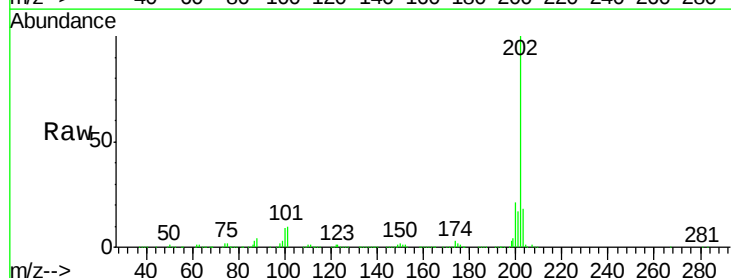
Tgt Ion:202 Resp: 2039225

Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

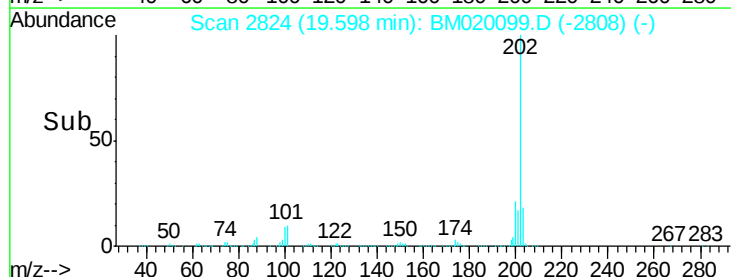
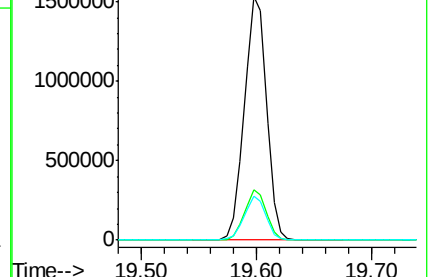
203 18.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.715 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

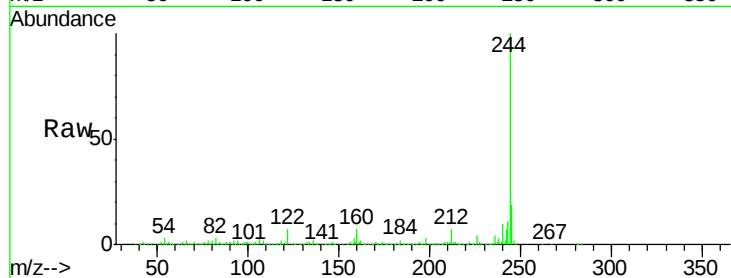
Tot Ion:244 Resp: 3486430

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

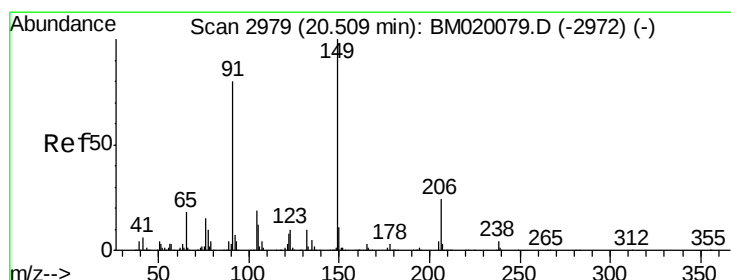
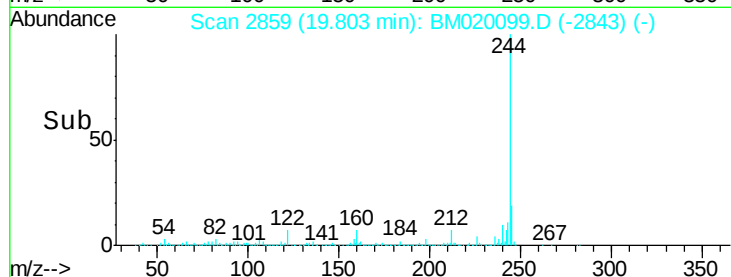
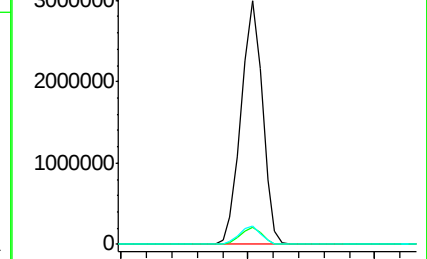
122 7.5 6.2 9.2



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: 39.175 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

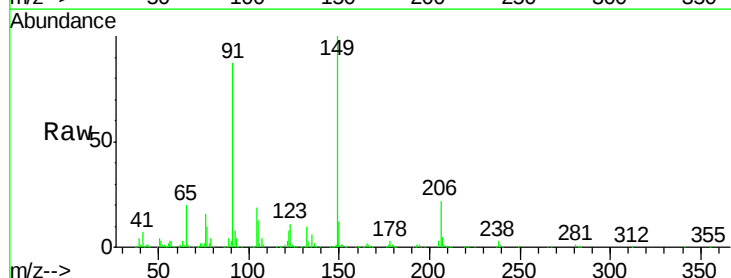
Tgt Ion:149 Resp: 768196

Ion Ratio Lower Upper

149 100

91 86.9 63.8 95.8

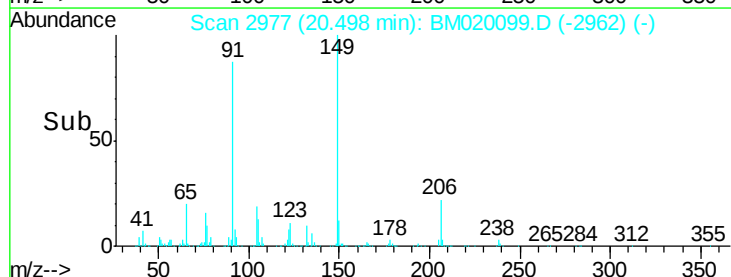
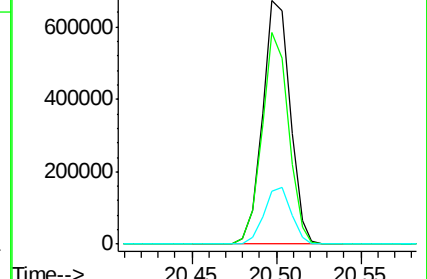
206 22.0 18.9 28.3

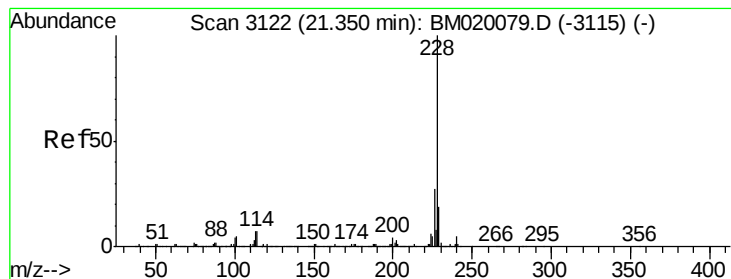


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.984 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampled :

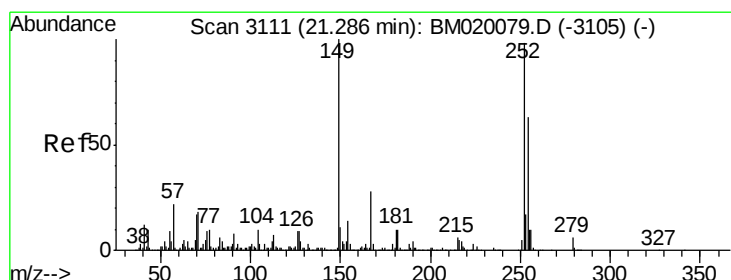
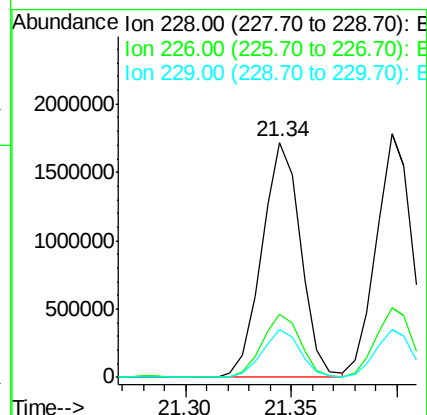
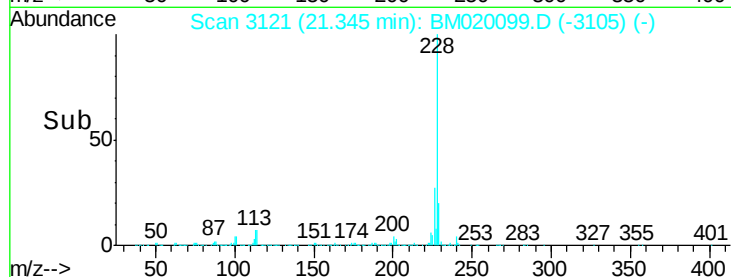
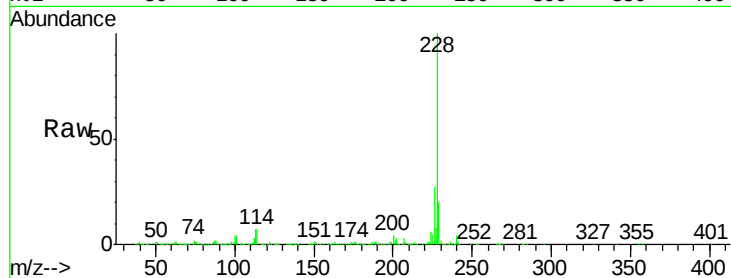
Tot Ion:228 Resp: 2195824

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.1	15.5	23.3

228 100

226 26.6 21.3 31.9

229 20.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 40.215 ng

RT: 21.29 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

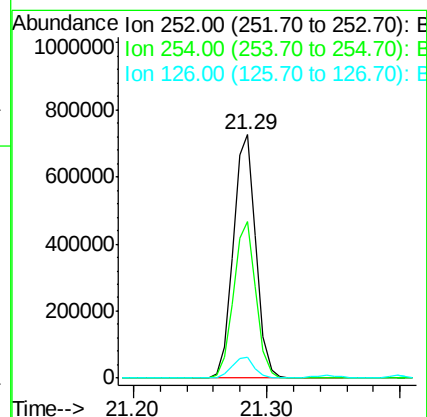
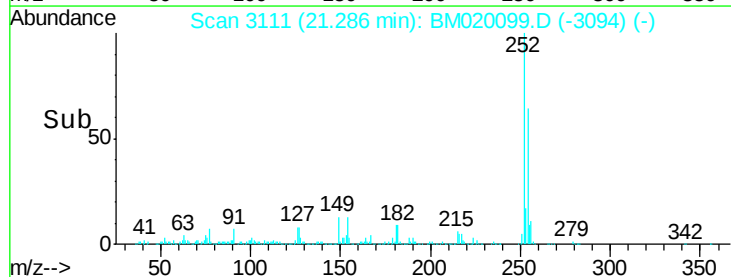
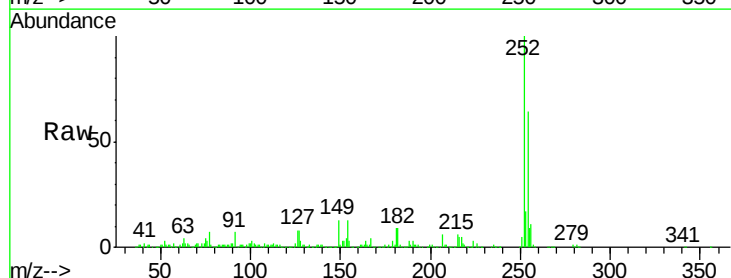
Tgt Ion:252 Resp: 864524

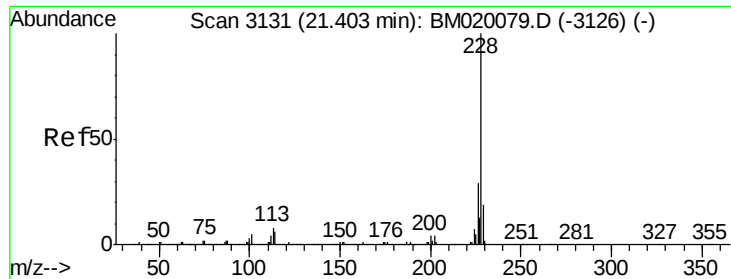
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.1	76.7
126	8.3	7.1	10.7

252 100

254 64.3 51.1 76.7

126 8.3 7.1 10.7





#83

Chrysene

Concen: 38.551 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

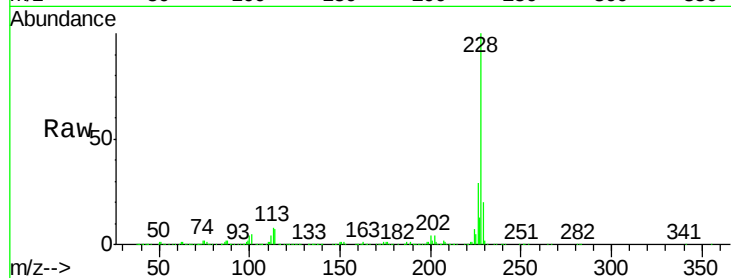
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2105901

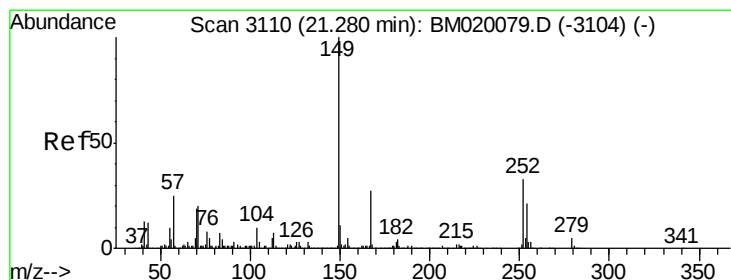
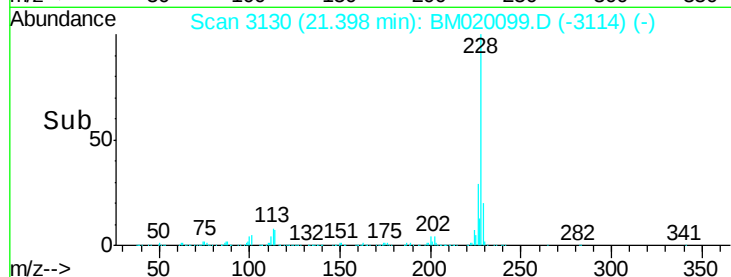
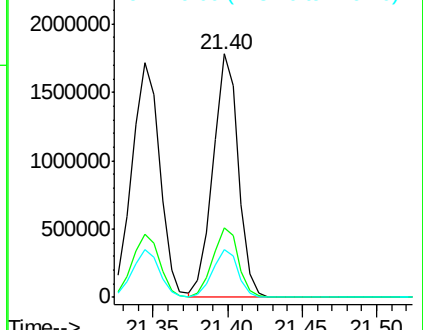
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.8	15.5	23.3



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: 38.403 ng

RT: 21.27 min Scan# 3108

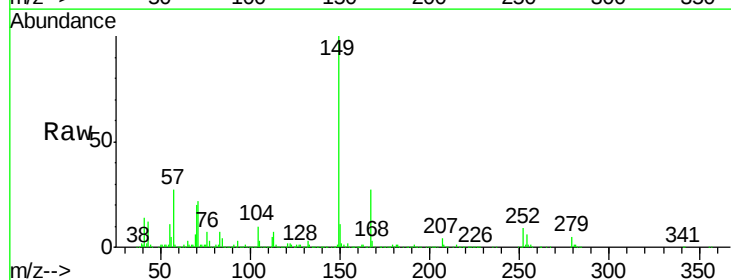
Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion:149 Resp: 1168536

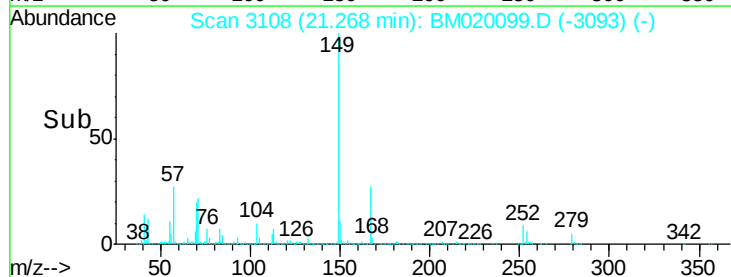
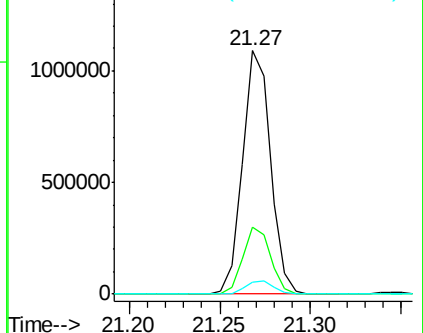
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	5.0	4.2	6.2

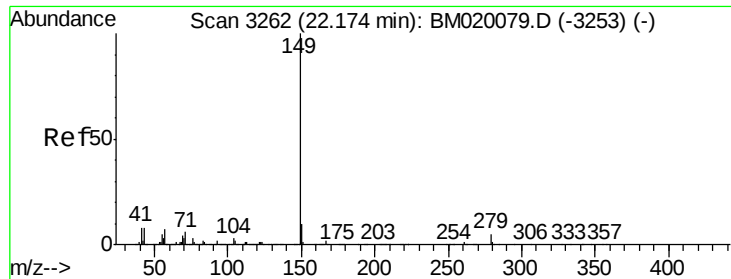


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

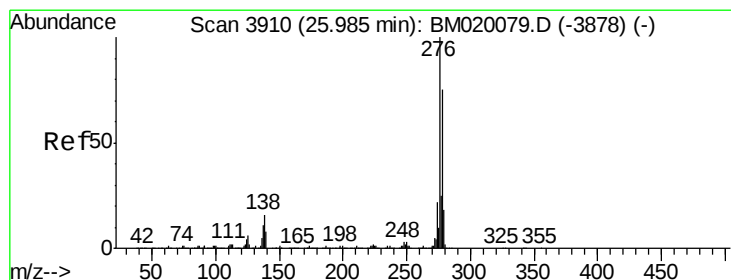
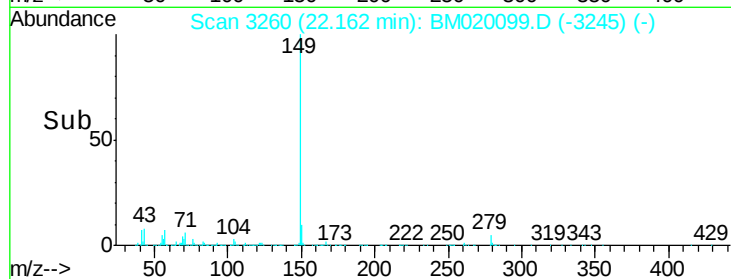
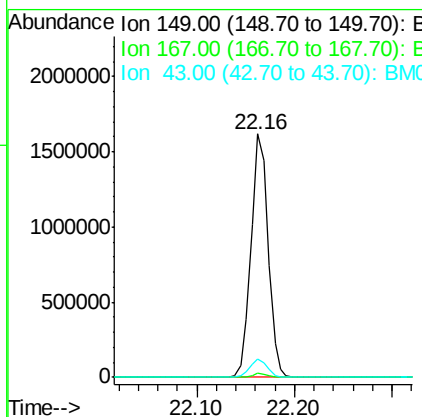
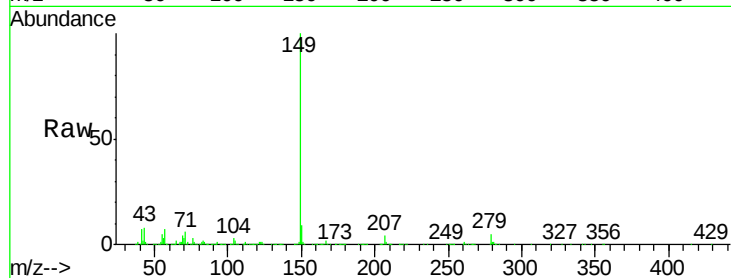




#85
Di-n-octyl phthalate
Concen: 39.168 ng
RT: 22.16 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

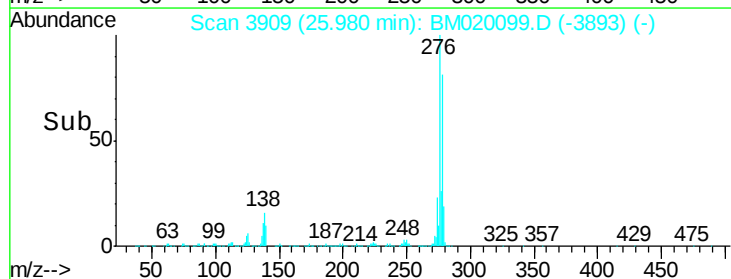
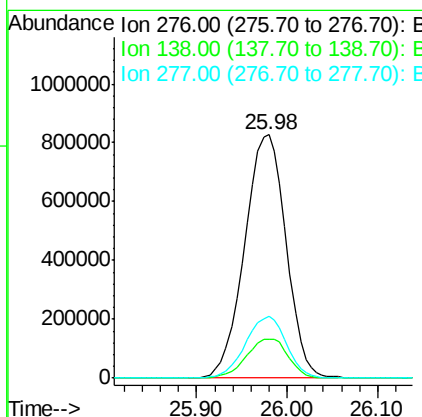
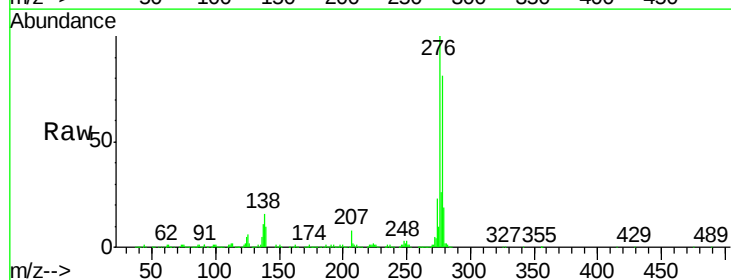
Instrument :
BNA_M
ClientSampled :

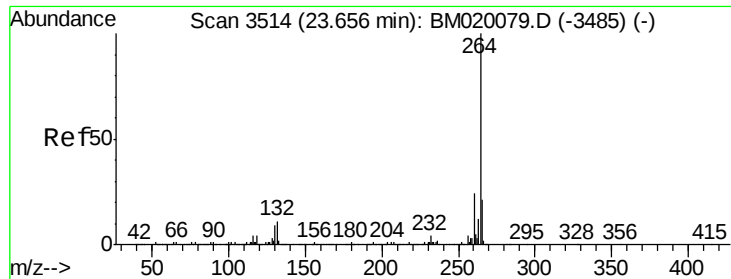
Tot Ion:149 Resp: 1980905
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.5 9.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.363 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:276 Resp: 2622628
Ion Ratio Lower Upper
276 100
138 16.3 0.0 0.0#
277 25.3 0.0 0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

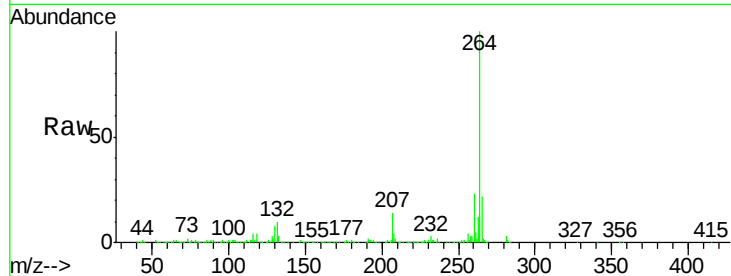
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 903030

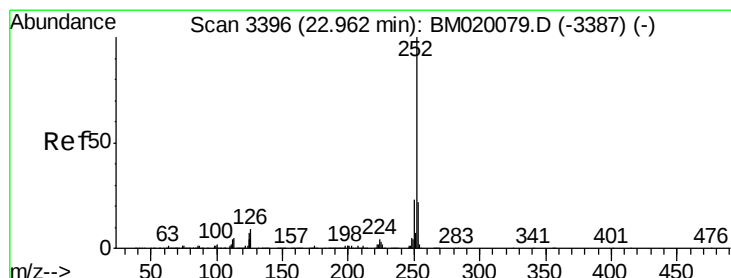
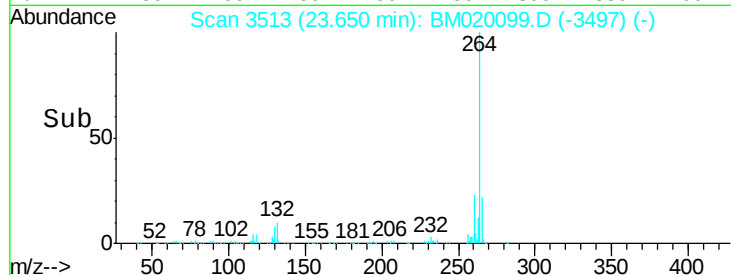
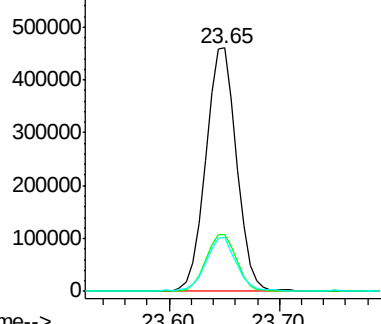
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	16.9	25.3



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: 38.214 ng

RT: 22.96 min Scan# 3395

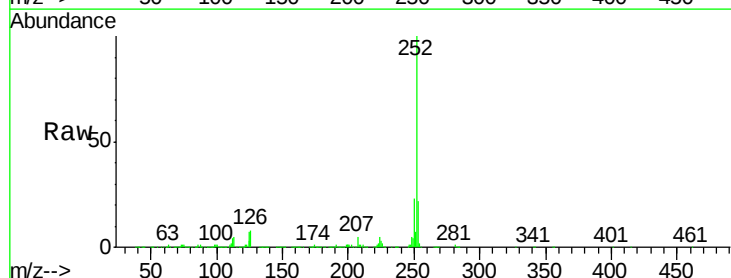
Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Tgt Ion:252 Resp: 2278737

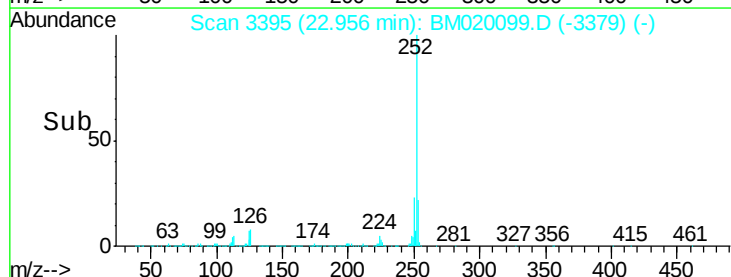
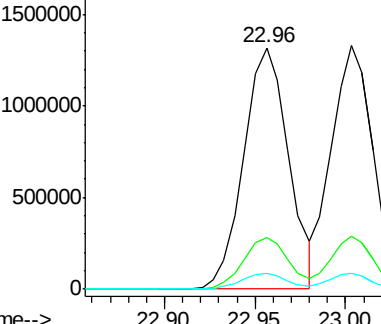
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	6.6	5.4	8.2

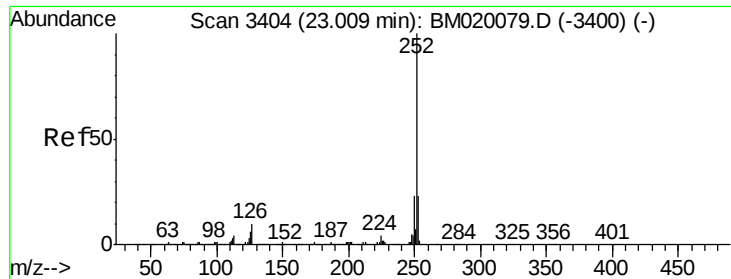


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.795 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

Instrument :

BNA_M

ClientSampleId :

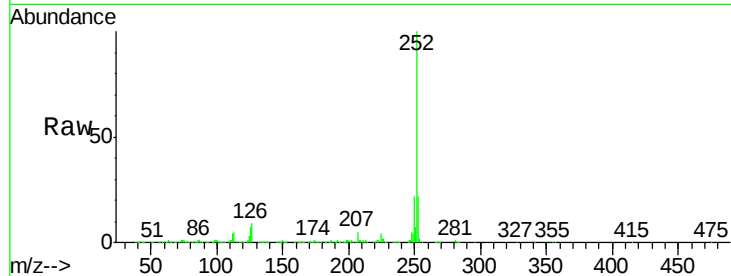
Tot Ion:252 Resp: 2110227

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

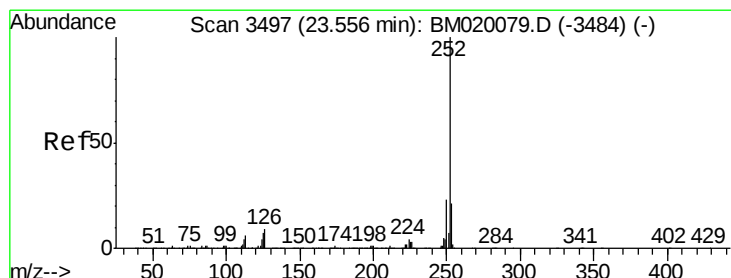
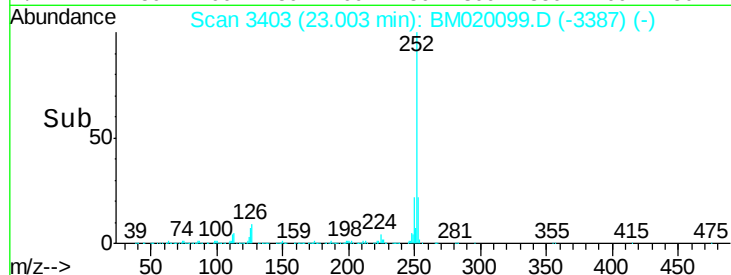
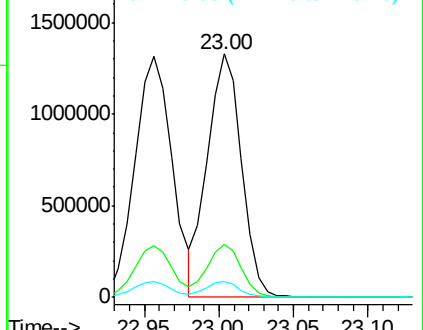
125 6.6 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.932 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020099.D

Acq: 01 May 2019 20:30

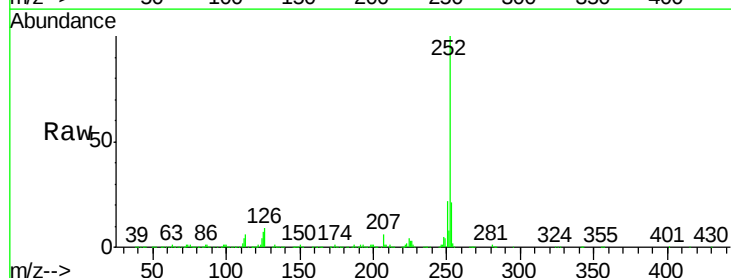
Tgt Ion:252 Resp: 2108738

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

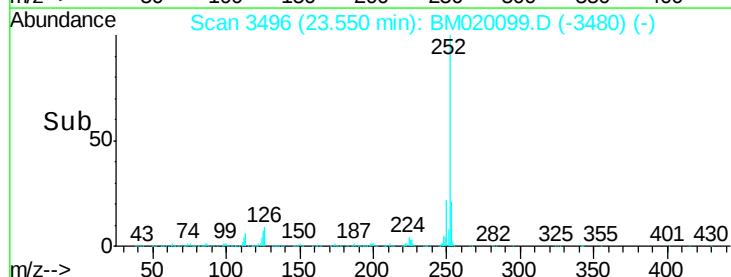
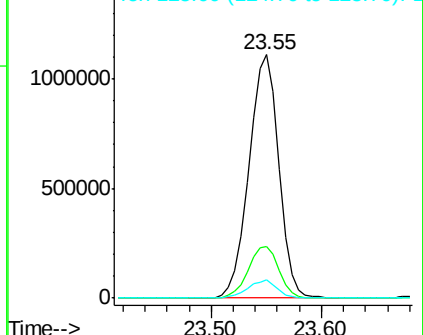
125 7.3 5.5 8.3

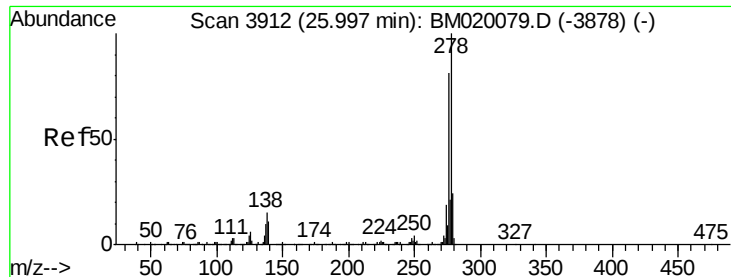


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

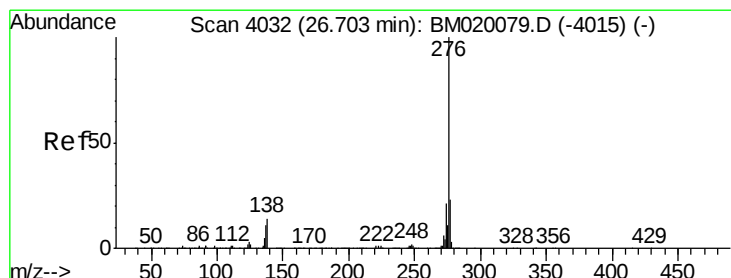
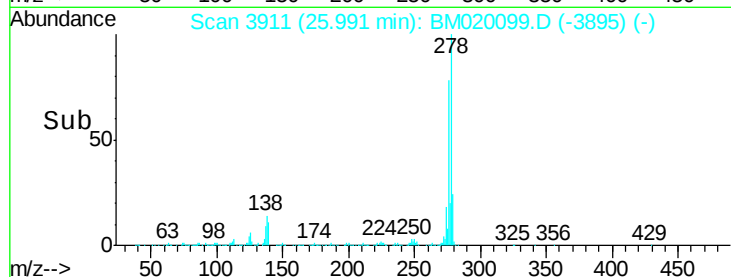
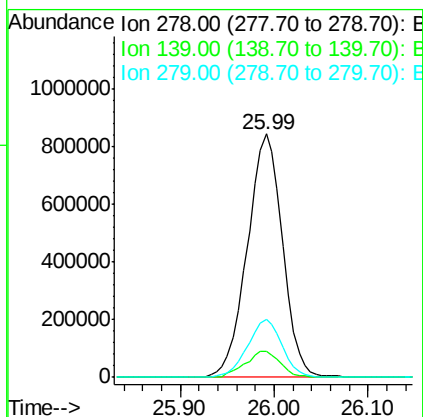
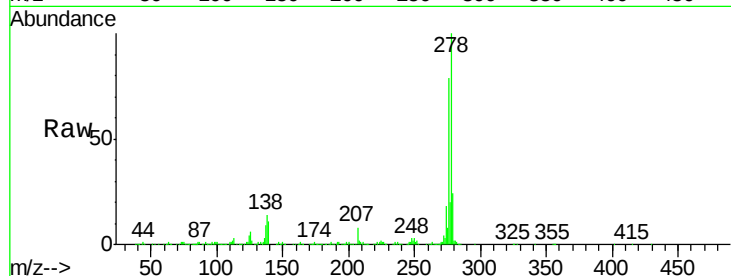




#91
Dibenzo(a,h)anthracene
Concen: 38.950 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2193984
Ion Ratio Lower Upper
278 100
139 10.5 8.6 13.0
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.788 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020099.D
Acq: 01 May 2019 20:30

Tgt Ion:276 Resp: 2074347
Ion Ratio Lower Upper
276 100
277 24.5 18.4 27.6
138 13.5 11.1 16.7

