

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020249.D
 Acq On : 10 May 2019 21:18
 Operator : JU/SJ
 Sample : PB119597BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Quant Time: May 11 01:50:57 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	7.77	152	83336	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	346602	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	235435	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	575304	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	584581	20.00	ng	-0.01
87) Perylene-d12	23.64	264	469683	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	794261	155.79	ng	-0.01
7) Phenol-d6	6.95	99	1090106	156.51	ng	0.00
23) Nitrobenzene-d5	8.95	82	640252	72.93	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	530665	145.21	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1377253	71.97	ng	-0.02
79) Terphenyl-d14	19.80	244	2652807	79.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	83557	33.417	ng	92
3) Pyridine	3.69	79	224030	35.032	ng	98
4) n-Nitrosodimethylamine	3.61	42	72849	35.525	ng	# 62
6) Aniline	7.11	93	315569	35.993	ng	97
8) 2-Chlorophenol	7.34	128	241648	43.530	ng	99
9) Benzaldehyde	6.93	77	145993	27.694	ng	93
10) Phenol	6.97	94	337496	45.011	ng	90
11) bis(2-Chloroethyl)ether	7.21	93	228770	41.978	ng	97
12) 1,3-Dichlorobenzene	7.66	146	243536	37.706	ng	96
13) 1,4-Dichlorobenzene	7.81	146	249516	38.242	ng	96
14) 1,2-Dichlorobenzene	8.12	146	238138	38.309	ng	97
15) Benzyl Alcohol	8.02	79	268542	39.985	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	178219	39.439	ng	97
17) 2-Methylphenol	8.22	107	219463	45.468	ng	94
18) Hexachloroethane	8.84	117	97531	35.850	ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	235468	39.515	ng	96
20) 3+4-Methylphenols	8.55	107	297269	46.340	ng	96
22) Acetophenone	8.60	105	374110	39.494	ng	# 96
24) Nitrobenzene	8.99	77	340214	37.376	ng	95
25) Isophorone	9.50	82	603110	39.837	ng	99
26) 2-Nitrophenol	9.69	139	129892	47.267	ng	94
27) 2,4-Dimethylphenol	9.74	122	226138	49.428	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	330530	40.086	ng	100
29) 2,4-Dichlorophenol	10.22	162	255893	44.356	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	271561	38.256	ng	98
31) Naphthalene	10.62	128	700161	38.927	ng	99
32) Benzoic acid	9.90	122	142194	44.277	ng	87
33) 4-Chloroaniline	10.73	127	200292	27.055	ng	96
34) Hexachlorobutadiene	10.88	225	173365	34.524	ng	97
35) Caprolactam	11.55	113	43427	25.175	ng	96
36) 4-Chloro-3-methylphenol	11.86	107	290188	42.804	ng	95
37) 2-Methylnaphthalene	12.23	142	548010	41.792	ng	97
38) 1-Methylnaphthalene	12.45	142	527231	41.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	336226	36.502	ng	99

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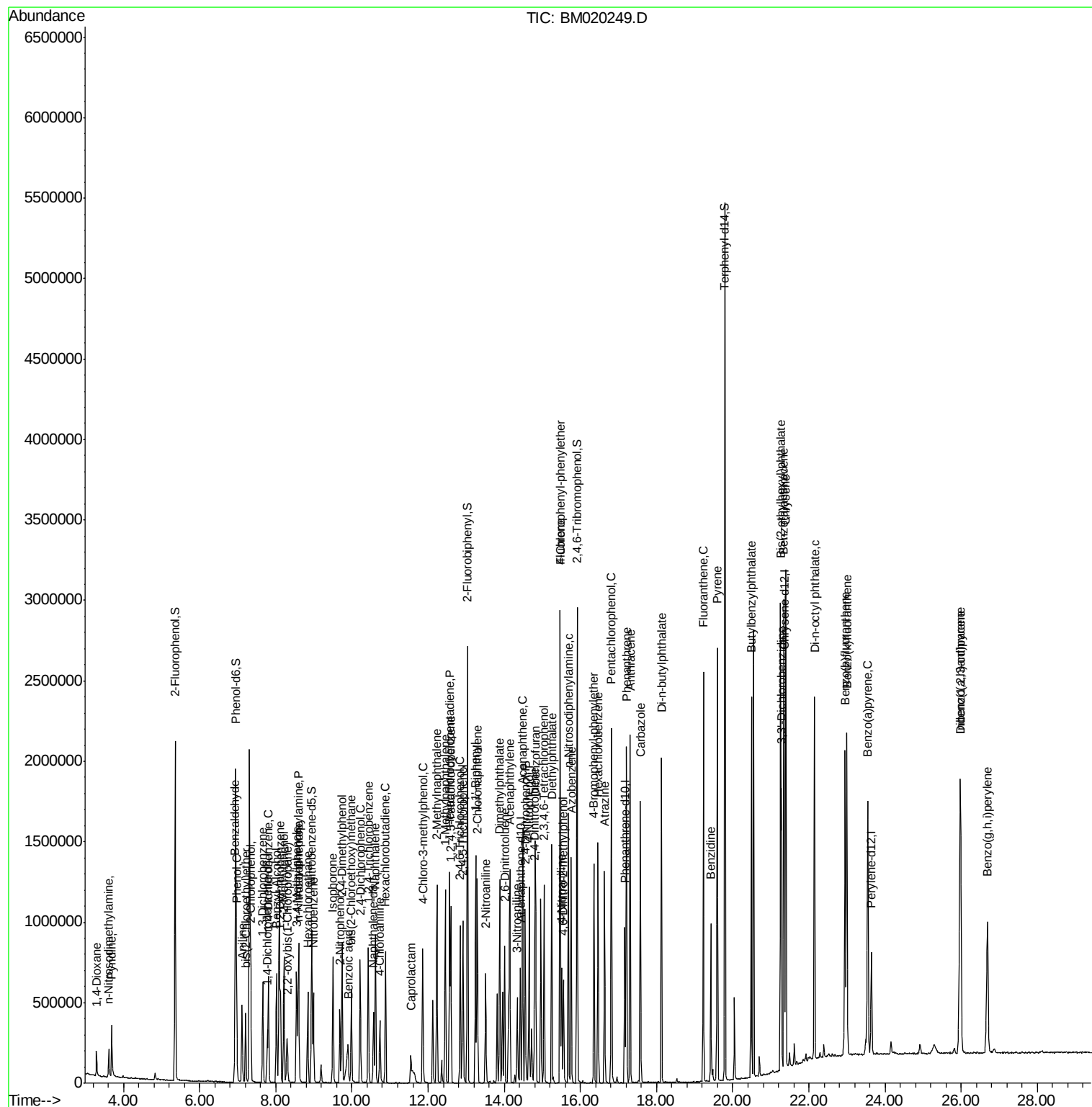
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	372112	68.611	ng	98
43) 2,4,6-Trichlorophenol	12.85	196	232385	44.391	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	246709	42.186	ng	96
46) 1,1'-Biphenyl	13.25	154	734095	37.882	ng	99
47) 2-Chloronaphthalene	13.29	162	587645	37.981	ng	98
48) 2-Nitroaniline	13.51	65	210734	38.257	ng	91
49) Acenaphthylene	14.15	152	926938	37.434	ng	98
50) Dimethylphthalate	13.88	163	772423	38.602	ng	99
51) 2,6-Dinitrotoluene	14.01	165	168886	40.072	ng	89
52) Acenaphthene	14.49	154	546900	38.515	ng	99
53) 3-Nitroaniline	14.34	138	119291	30.497	ng	99
54) 2,4-Dinitrophenol	14.55	184	220905	102.032	ng	90
55) Dibenzofuran	14.82	168	926242	38.671	ng	97
56) 4-Nitrophenol	14.65	139	278483	83.443	ng	88
57) 2,4-Dinitrotoluene	14.80	165	238285	41.609	ng	93
58) Fluorene	15.47	166	755498	38.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	240108	43.204	ng	97
60) Diethylphthalate	15.24	149	766657	38.029	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	432615	38.815	ng	95
62) 4-Nitroaniline	15.51	138	150331	34.824	ng	94
63) Azobenzene	15.76	77	850545	35.763	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	135850	46.979	ng	98
66) n-Nitrosodiphenylamine	15.69	169	673383	39.778	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	269839	38.249	ng	97
68) Hexachlorobenzene	16.46	284	309995	38.185	ng	96
69) Atrazine	16.63	200	251895	38.076	ng	99
70) Pentachlorophenol	16.82	266	402854	86.731	ng	98
71) Phenanthrene	17.21	178	1217325	38.332	ng	99
72) Anthracene	17.30	178	1255326	39.536	ng	99
73) Carbazole	17.58	167	1094247	38.194	ng	99
74) Di-n-butylphthalate	18.13	149	1334196	38.696	ng	98
75) Fluoranthene	19.23	202	1530652	38.094	ng	99
77) Benzidine	19.42	184	576174	30.829	ng	99
78) Pyrene	19.59	202	1568679	39.968	ng	99
80) Butylbenzylphthalate	20.49	149	639734	44.822	ng	99
81) Benzo(a)anthracene	21.34	228	1502899	36.659	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	515239	32.929	ng	98
83) Chrysene	21.39	228	1502427	37.788	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	918323	41.464	ng	99
85) Di-n-octyl phthalate	22.15	149	1533314	41.654	ng	97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1323810	27.992	ng	# 100
88) Benzo(b)fluoranthene	22.95	252	1407032	45.366	ng	99
89) Benzo(k)fluoranthene	23.00	252	1376185	48.643	ng	99
90) Benzo(a)pyrene	23.54	252	1284093	45.580	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1150293	39.262	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1069347	38.444	ng	99

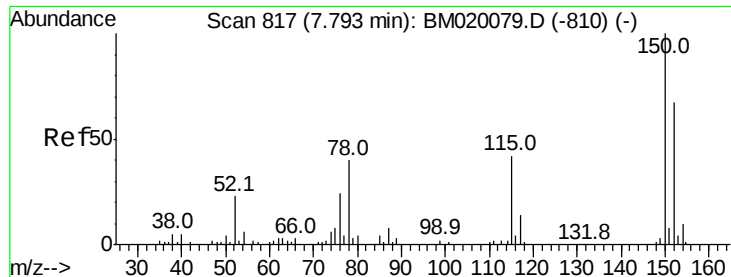
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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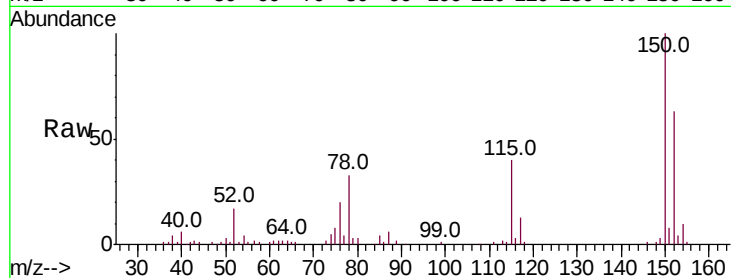


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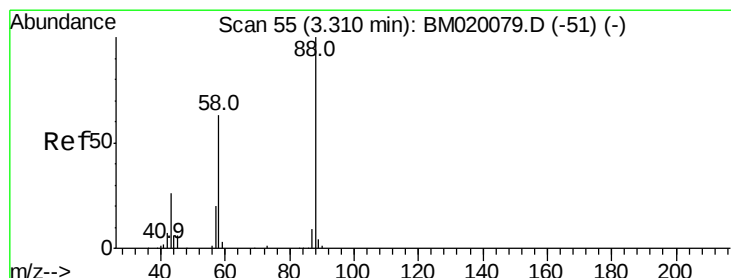
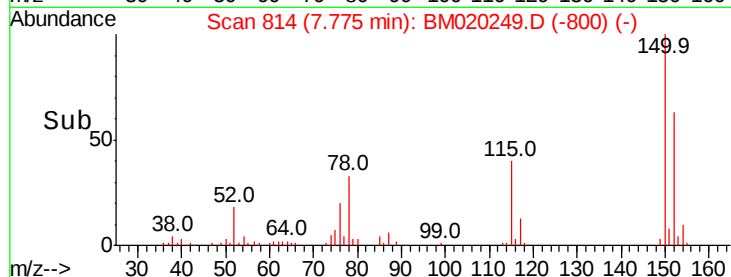
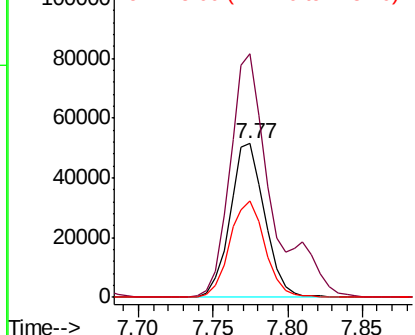
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tot Ion:152 Resp: 83336
Ion Ratio Lower Upper
152 100
150 158.6 119.8 179.8
115 62.9 50.8 76.2



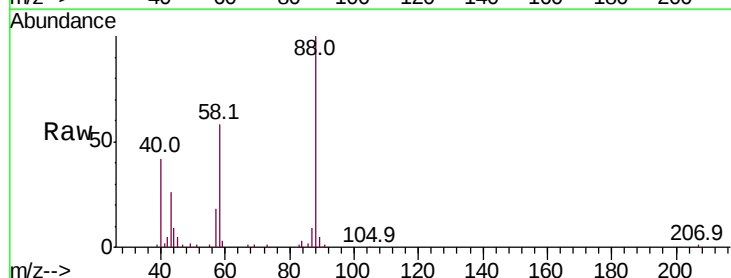
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



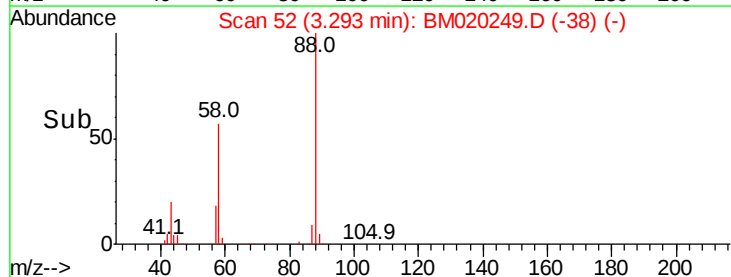
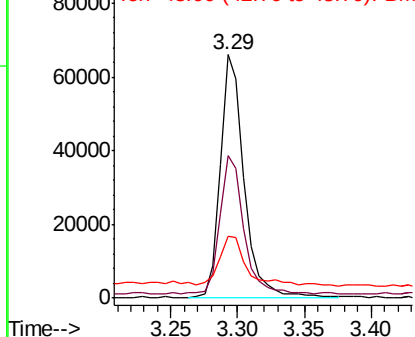
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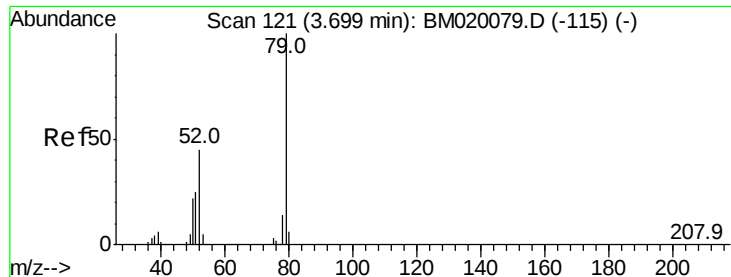
1,4-Dioxane
Concen: 33.417 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion: 88 Resp: 83557
Ion Ratio Lower Upper
88 100
58 56.4 51.8 77.6
43 23.9 20.3 30.5



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





#3

Pvridine

Concen: 35.032 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

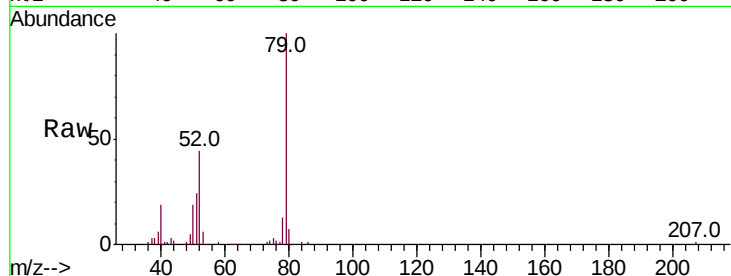
Tot Ion: 79 Resp: 224030

Ion Ratio Lower Upper

79 100

52 44.0 35.7 53.5

51 23.9 20.8 31.2



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

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

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

150000

100000

50000

0

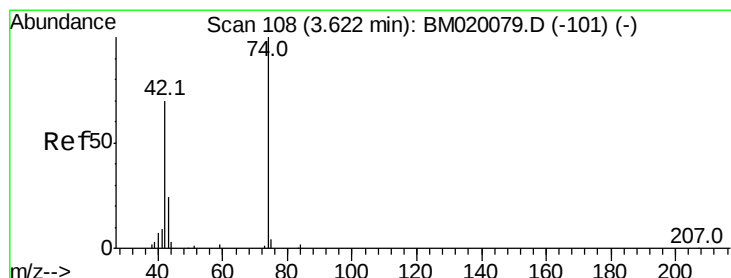
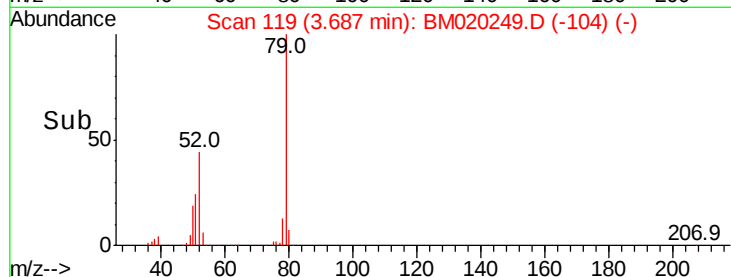
3.69

3.60

3.70

3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 35.525 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

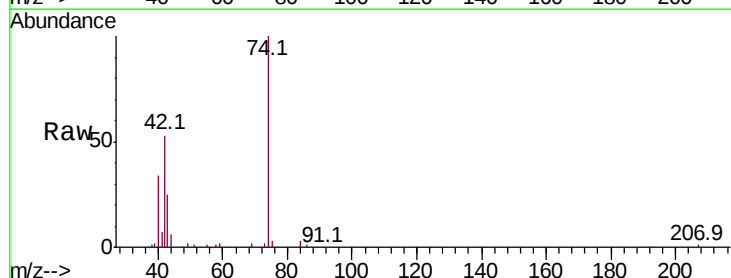
Tgt Ion: 42 Resp: 72849

Ion Ratio Lower Upper

42 100

74 189.4 113.7 170.5#

44 11.0 3.9 5.9#



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

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

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

120000

100000

80000

60000

40000

20000

0

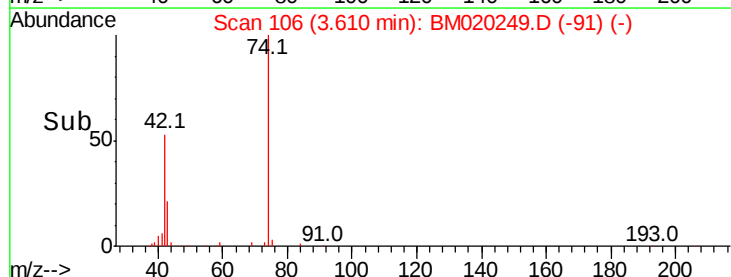
3.61

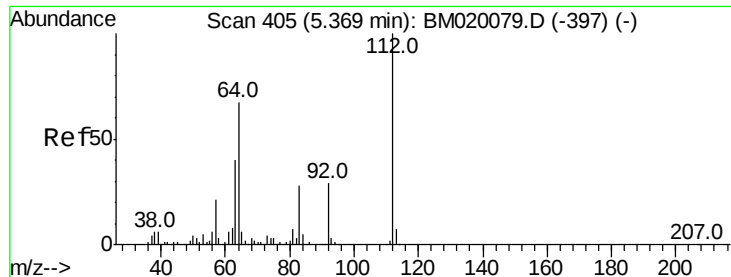
3.50

3.60

3.70

Time-->





#5

2-Fluorophenol

Concen: 155.790 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

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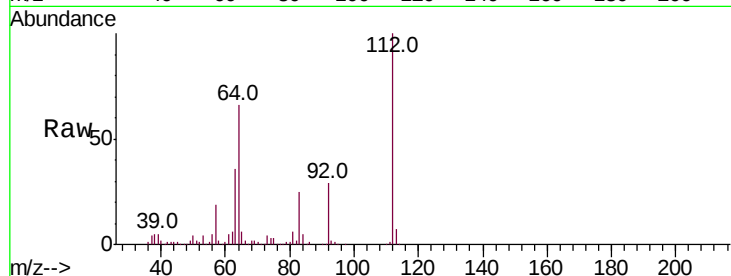
Tot Ion:112 Resp: 794261

Ion Ratio Lower Upper

112 100

64 66.0 53.8 80.6

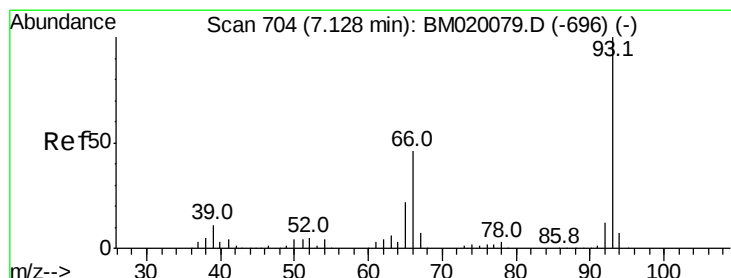
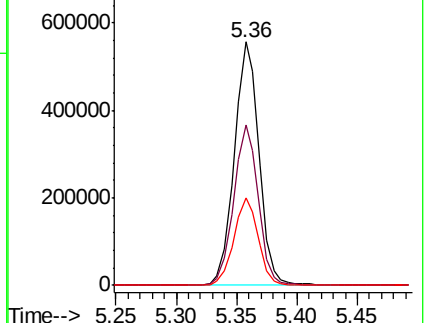
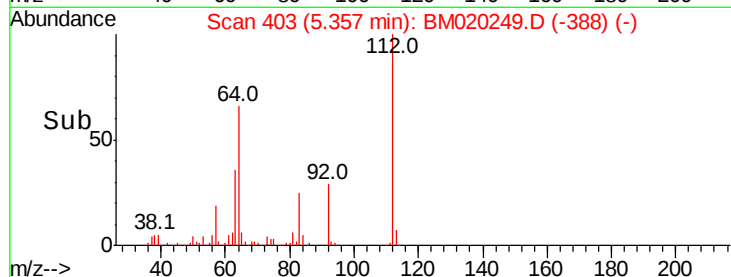
63 35.9 32.3 48.5



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: 35.993 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

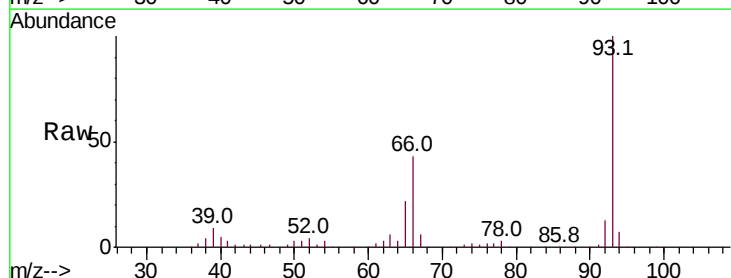
Tgt Ion: 93 Resp: 315569

Ion Ratio Lower Upper

93 100

66 43.1 36.6 54.8

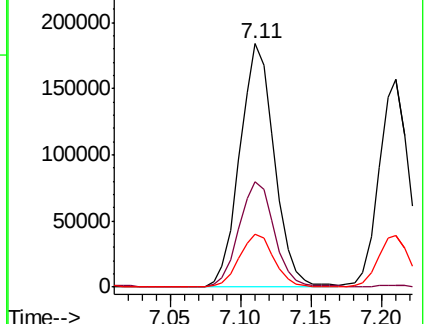
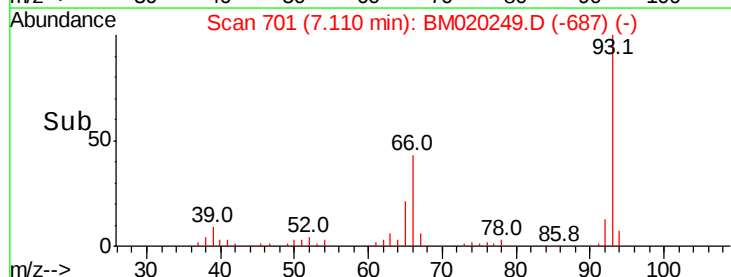
65 21.7 17.8 26.6

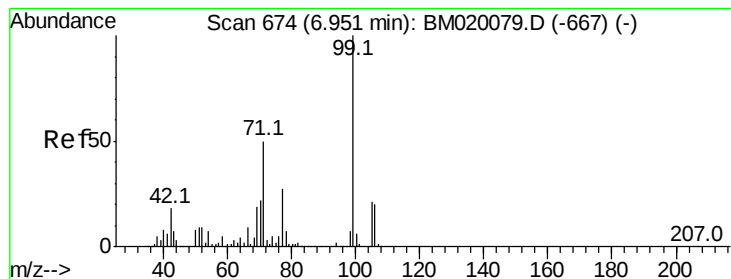


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 156.513 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

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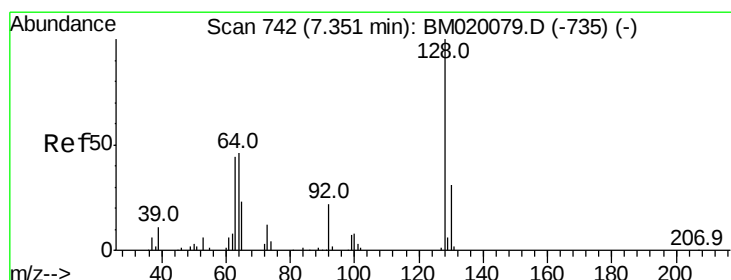
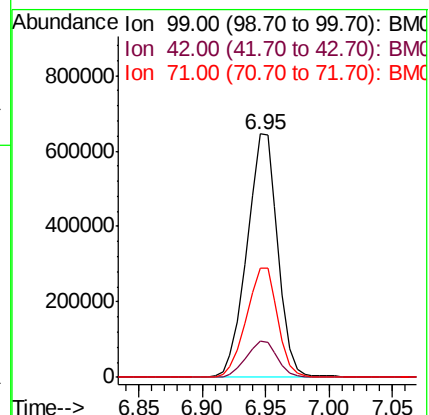
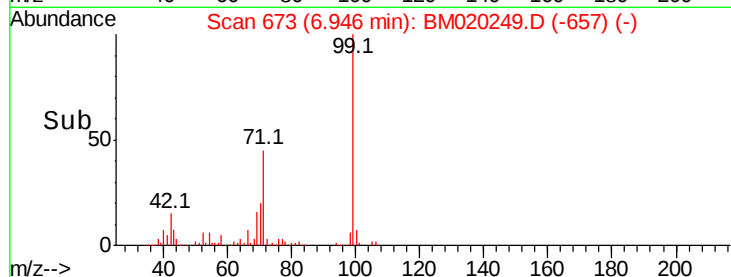
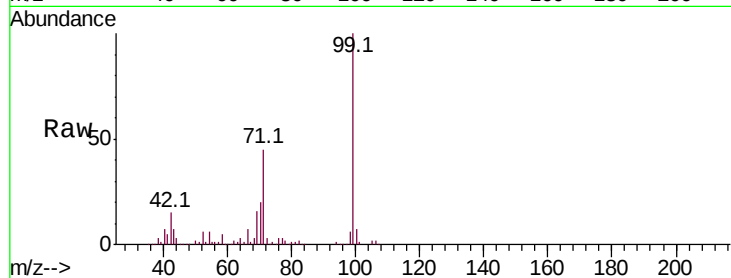
Tot Ion: 99 Resp: 1090106

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

71 45.1 40.3 60.5



#8

2-Chlorophenol

Concen: 43.530 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

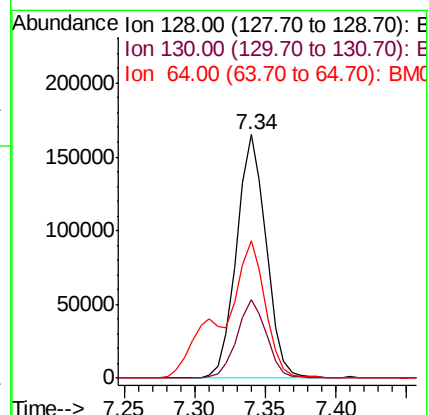
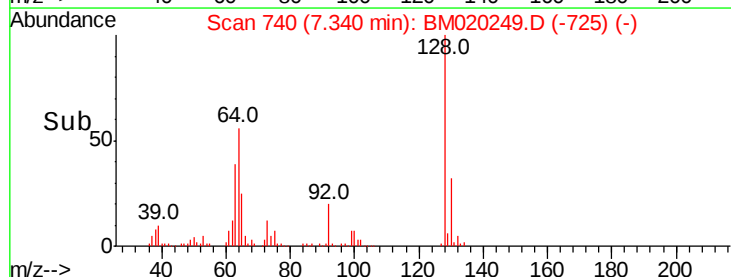
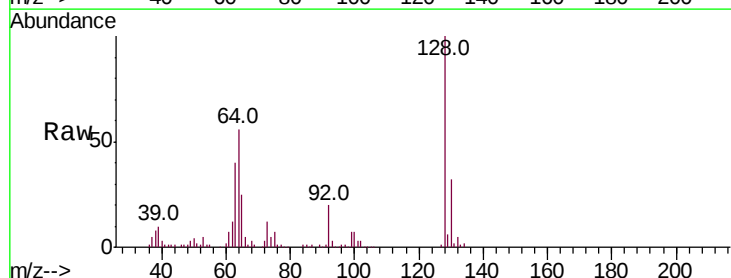
Tgt Ion: 128 Resp: 241648

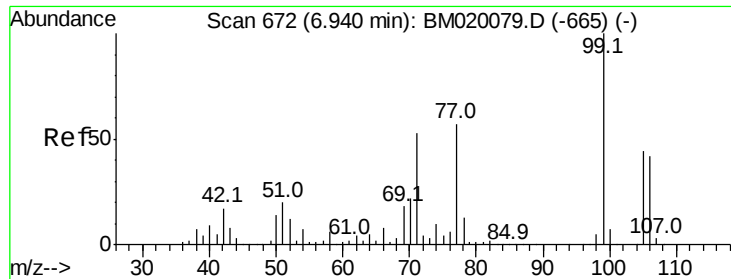
Ion Ratio Lower Upper

128 100

130 32.1 10.8 50.8

64 56.3 36.5 76.5





#9

Benzaldehyde

Concen: 27.694 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

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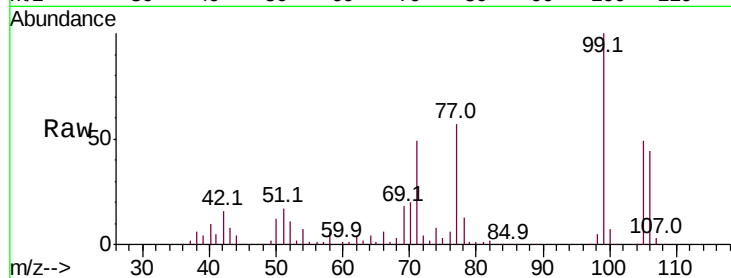
Tot Ion: 77 Resp: 145993

Ion Ratio Lower Upper

77 100

105 86.6 57.8 97.8

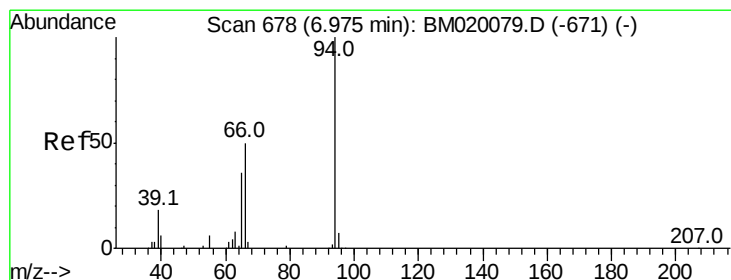
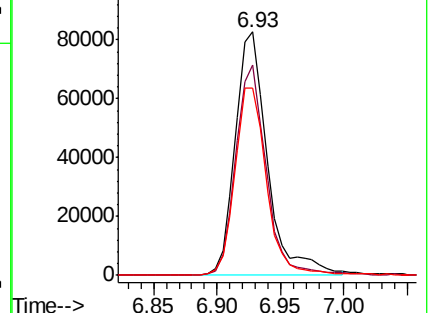
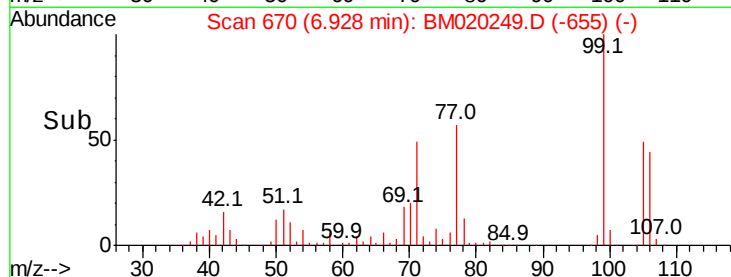
106 76.9 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020249.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020249.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020249.D (-665) (-)



#10

Phenol

Concen: 45.011 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

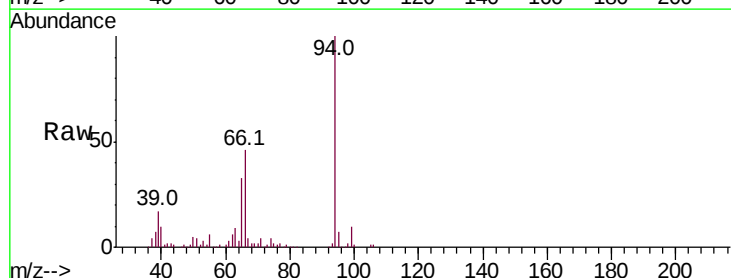
Tgt Ion: 94 Resp: 337496

Ion Ratio Lower Upper

94 100

65 33.0 17.0 57.0

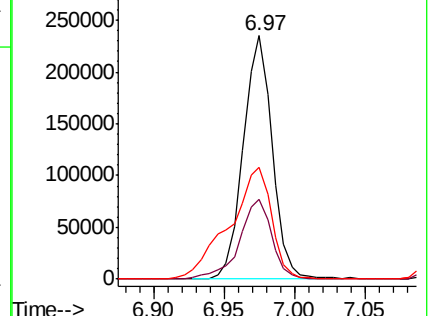
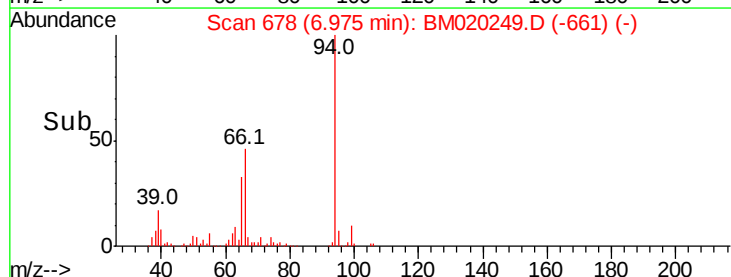
66 45.8 34.5 74.5

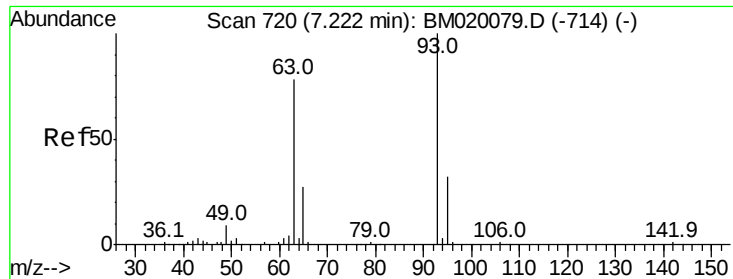


Abundance Ion 94.00 (93.70 to 94.70): BM020249.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020249.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020249.D (-671) (-)

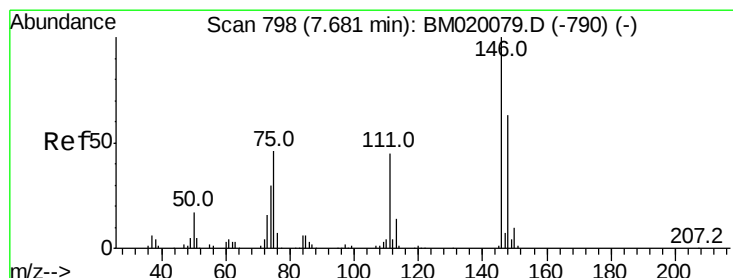
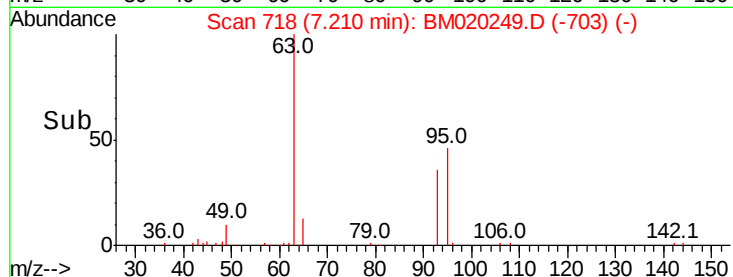
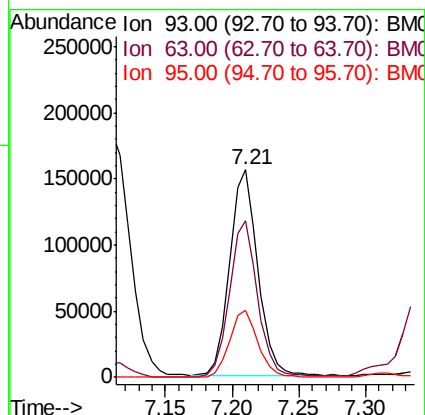
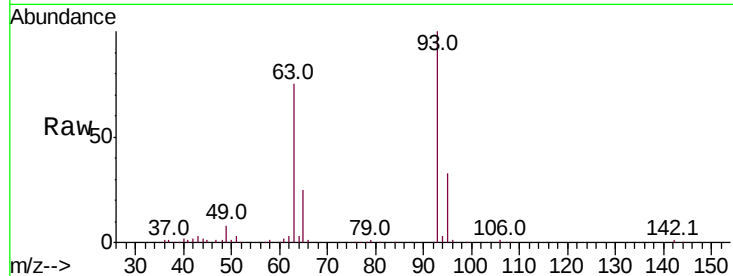




#11
bis(2-Chloroethyl)ether
Concen: 41.978 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

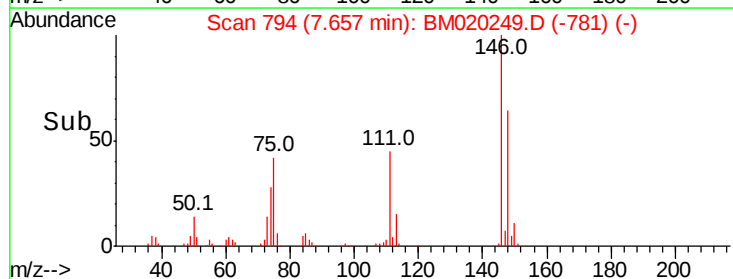
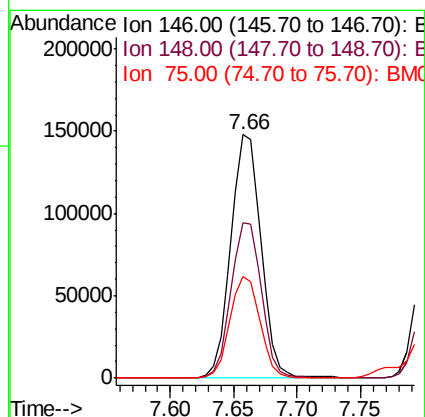
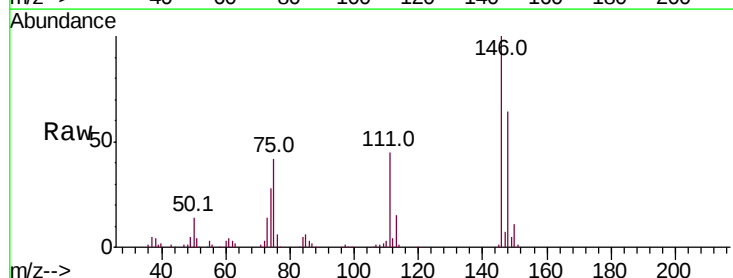
Instrument :
BNA_M
ClientSampleID :
PB119597BS

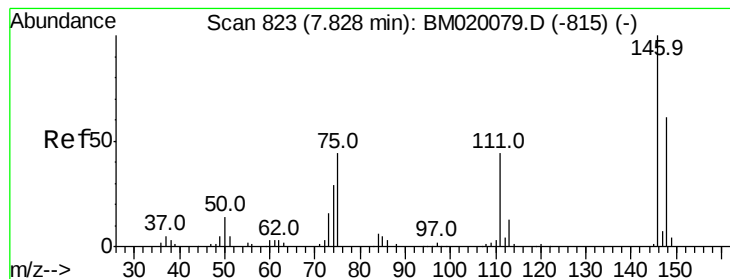
Tot Ion: 93 Resp: 228770
Ion Ratio Lower Upper
93 100
63 75.3 57.9 97.9
95 32.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 37.706 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion: 146 Resp: 243536
Ion Ratio Lower Upper
146 100
148 63.7 50.1 75.1
75 41.9 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 38.242 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

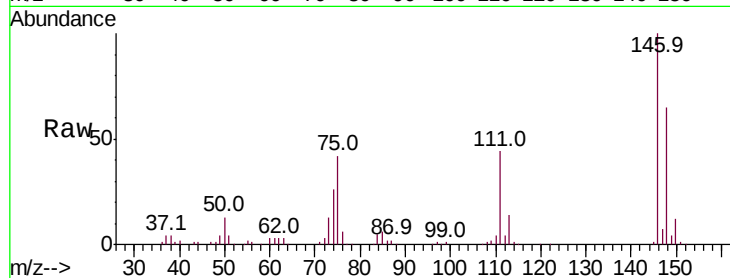
Tot Ion:146 Resp: 249516

Ion Ratio Lower Upper

146 100

148 64.6 48.5 72.7

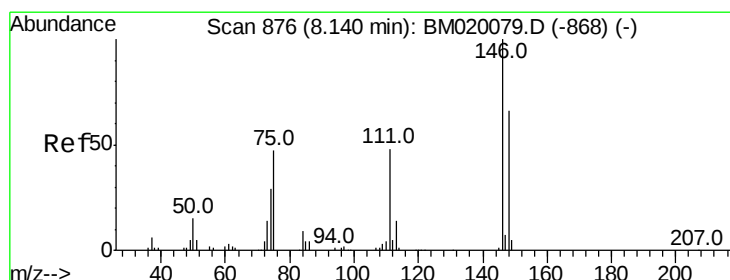
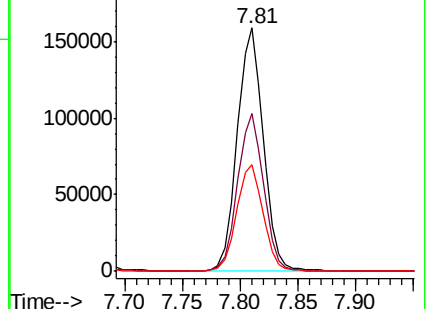
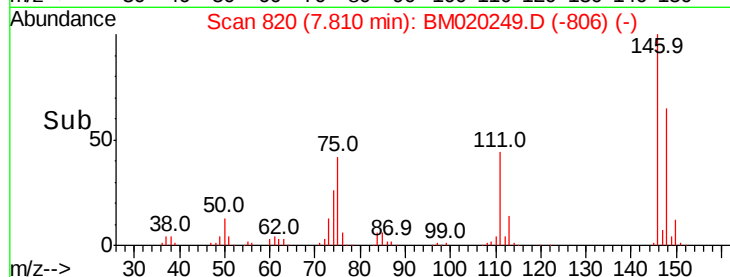
111 43.8 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.309 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

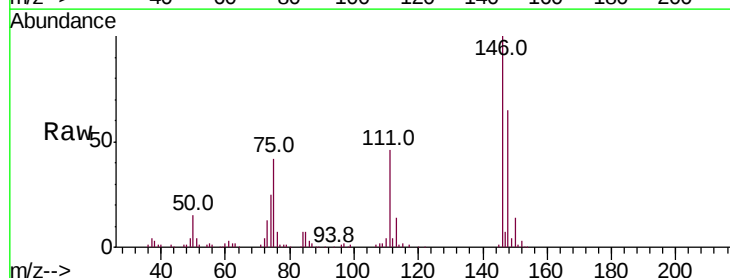
Tgt Ion:146 Resp: 238138

Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

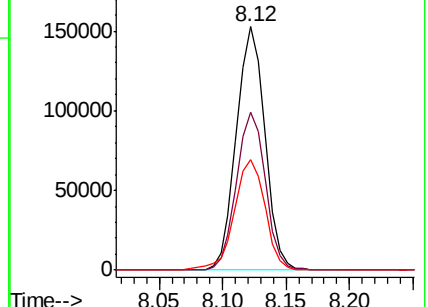
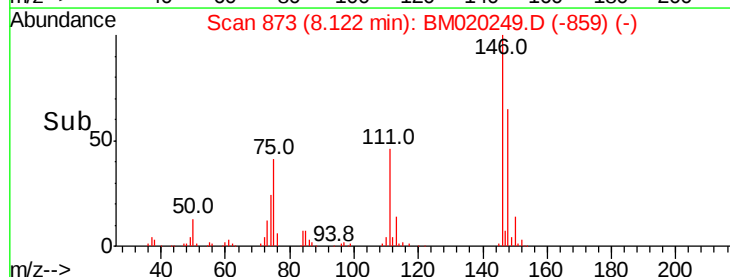
111 45.6 39.0 58.4

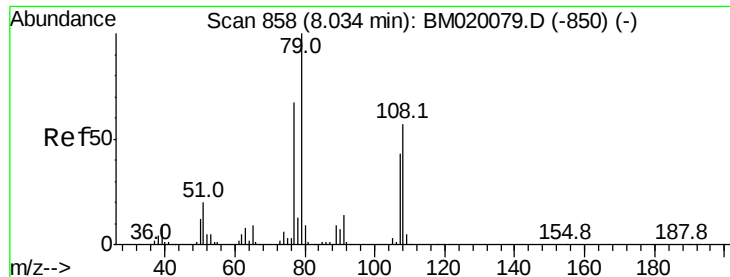


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.985 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

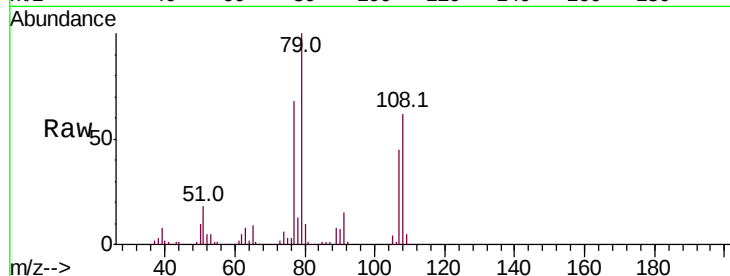
Tot Ion: 79 Resp: 268542

Ion Ratio Lower Upper

79 100

108 61.9 46.0 69.0

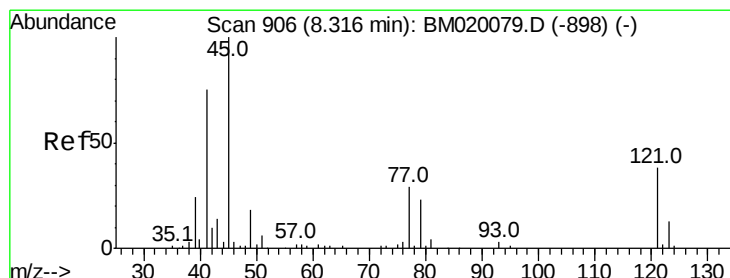
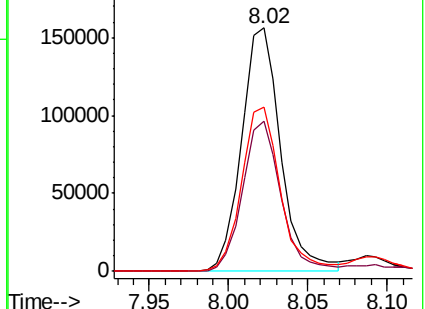
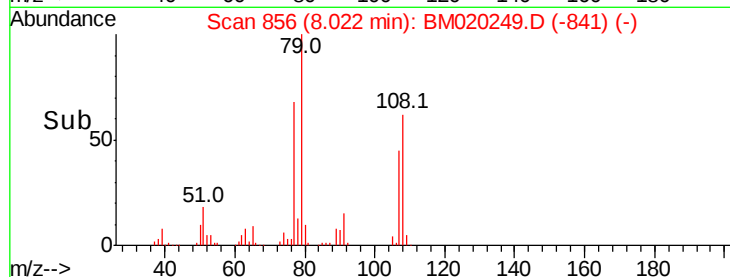
77 67.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020249.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020249.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020249.D (-841) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.439 ng

RT: 8.30 min Scan# 903

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

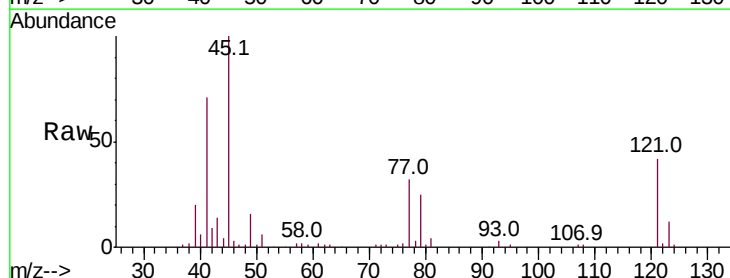
Tgt Ion: 45 Resp: 178219

Ion Ratio Lower Upper

45 100

77 31.7 10.5 50.5

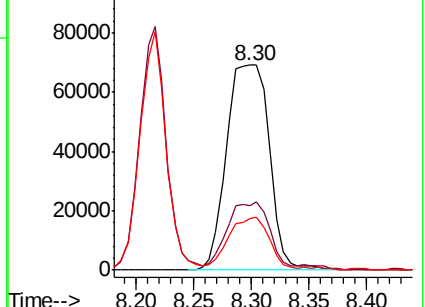
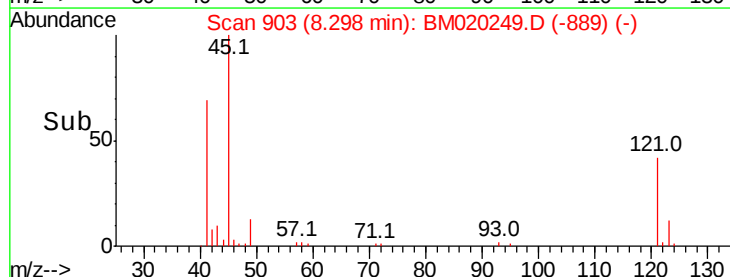
79 25.1 3.3 43.3

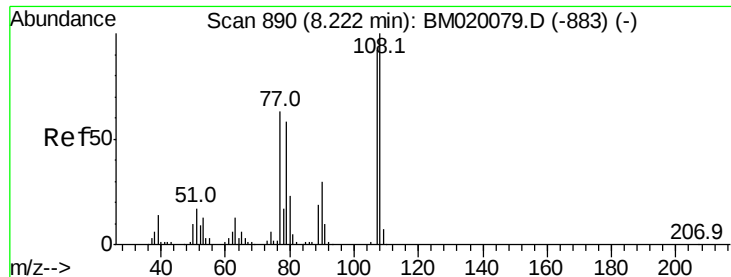


Abundance Ion 45.00 (44.70 to 45.70): BM020249.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020249.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020249.D (-889) (-)

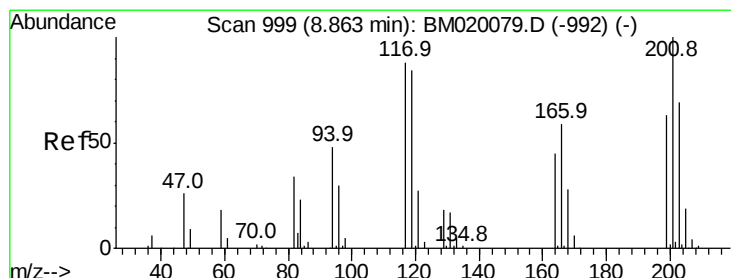
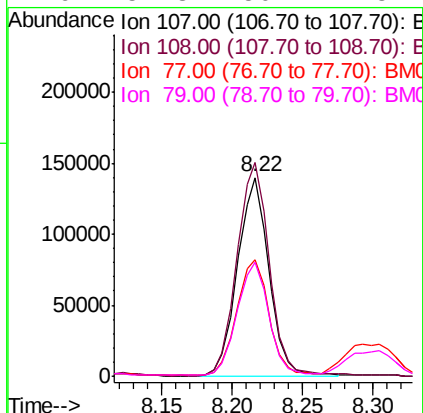
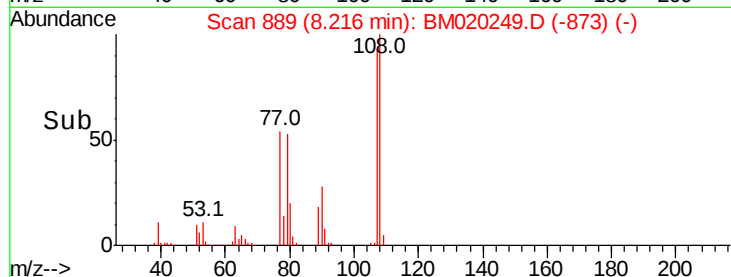
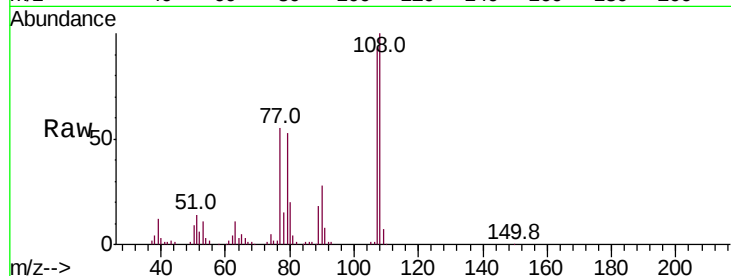




#17
2-Methylphenol
Concen: 45.468 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

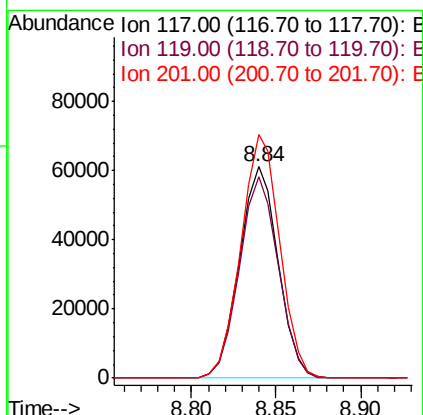
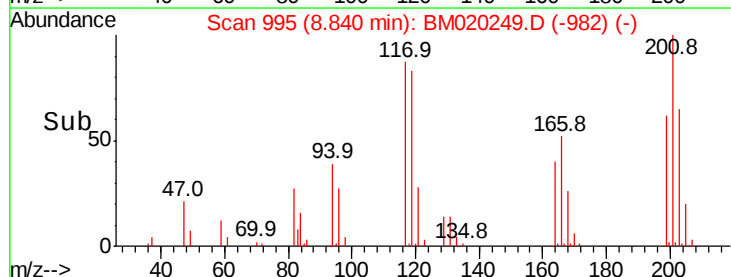
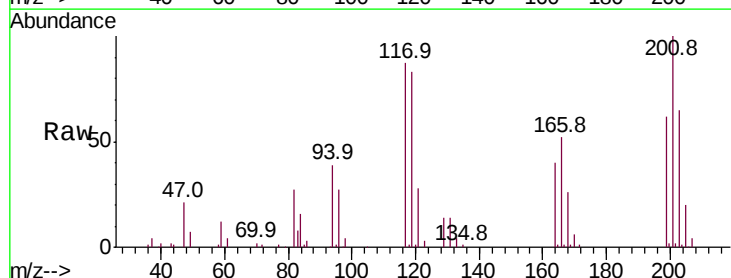
Instrument :
BNA_M
ClientSampleId :
PB119597BS

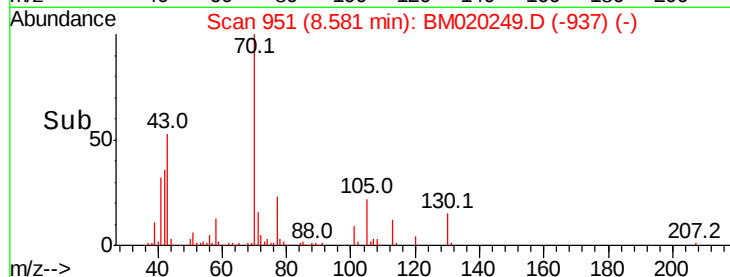
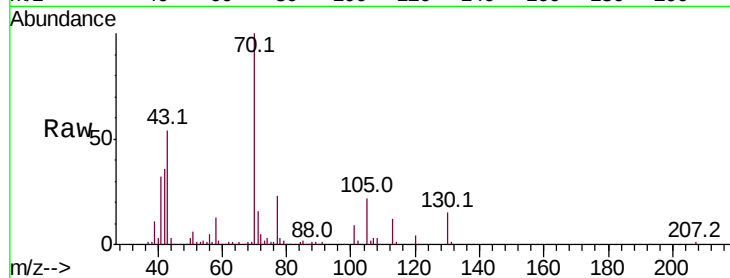
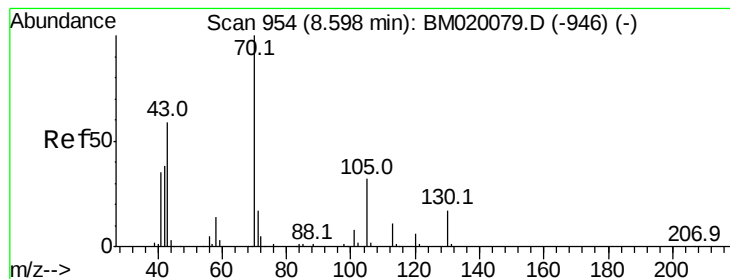
Tot Ion:107 Resp: 219463
Ion Ratio Lower Upper
107 100
108 107.5 87.0 130.4
77 58.6 54.7 82.1
79 57.3 50.1 75.1



#18
Hexachloroethane
Concen: 35.850 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:117 Resp: 97531
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
201 115.3 90.7 136.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.515 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tot Ion: 70 Resp: 235468

Ion Ratio Lower Upper

70 100

42 36.3 31.0 46.4

101 8.5 6.2 9.2

130 15.5 13.5 20.3

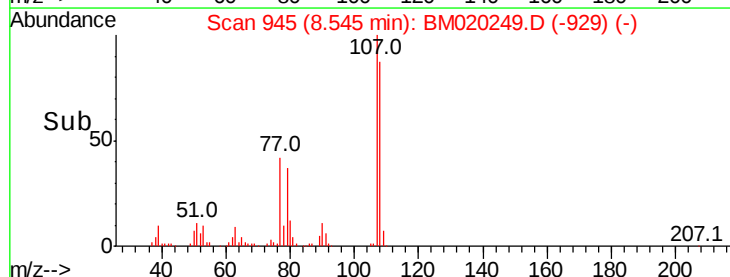
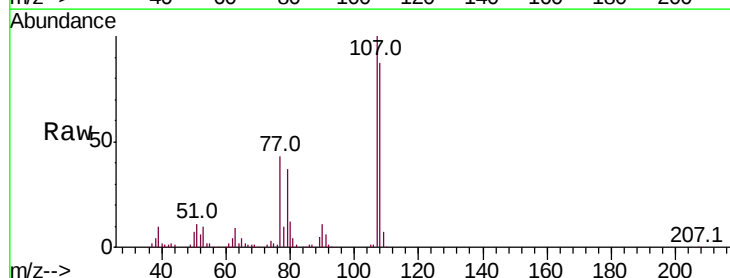
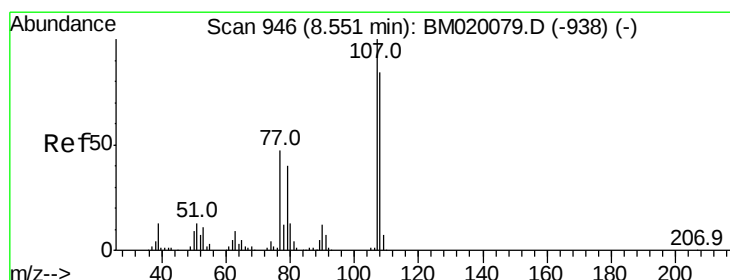
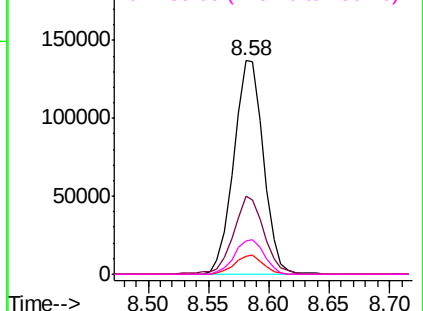
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 46.340 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:107 Resp: 297269

Ion Ratio Lower Upper

107 100

108 86.9 64.4 104.4

77 42.6 27.2 67.2

79 37.3 19.6 59.6

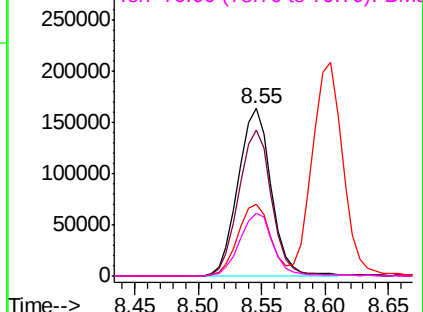
Abundance

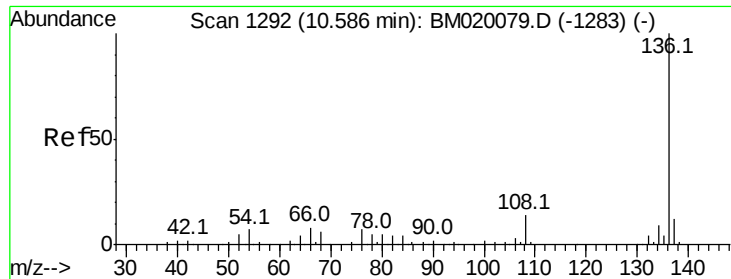
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tot Ion:136 Resp: 346602

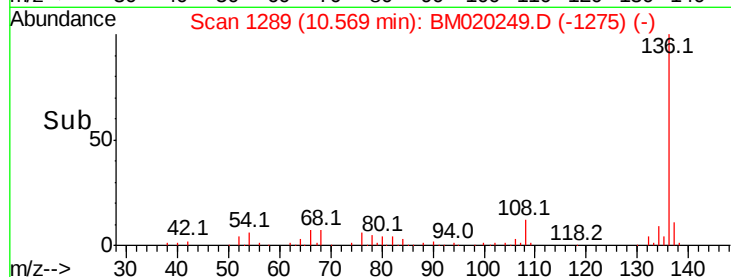
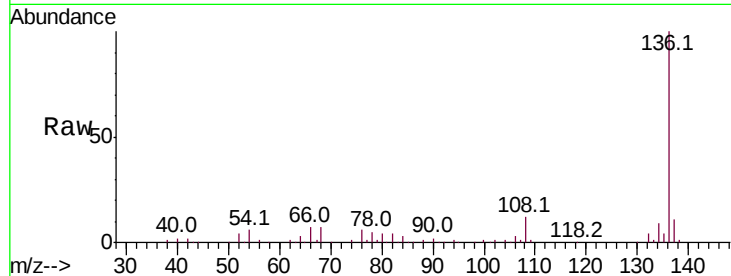
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 6.4 5.5 8.3

68 6.6 4.6 6.8

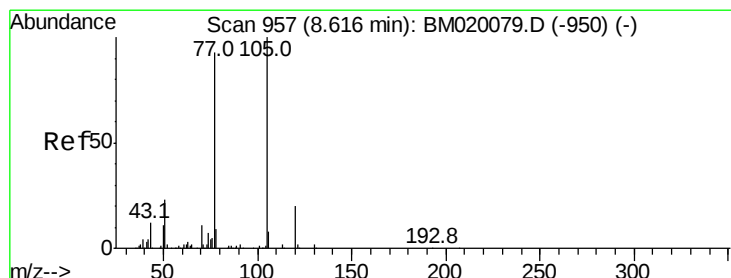
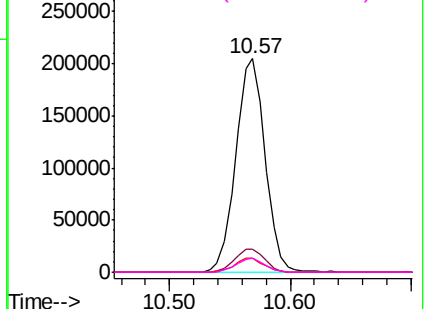


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.494 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:105 Resp: 374110

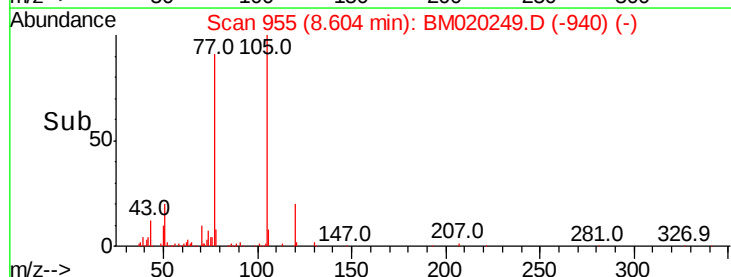
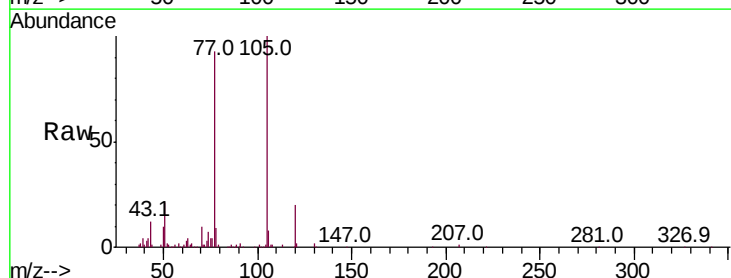
Ion Ratio Lower Upper

105 100

71 1.5 2.2 3.2#

51 20.7 19.3 28.9

120 19.7 16.2 24.4

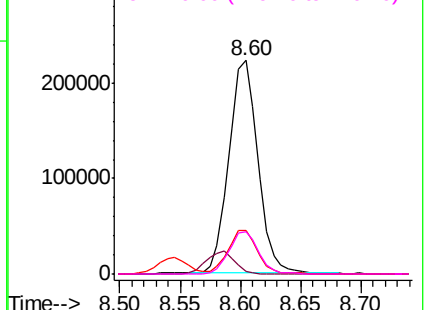


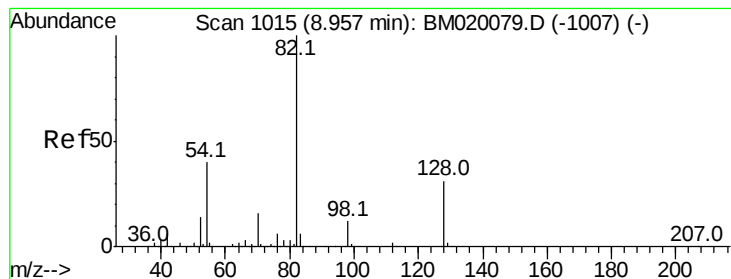
Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.929 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

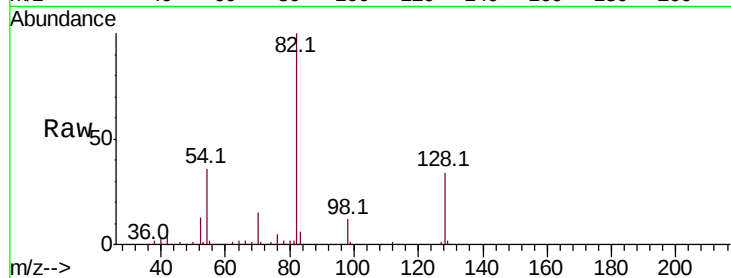
Tot Ion: 82 Resp: 640252

Ion Ratio Lower Upper

82 100

128 33.7 25.2 37.8

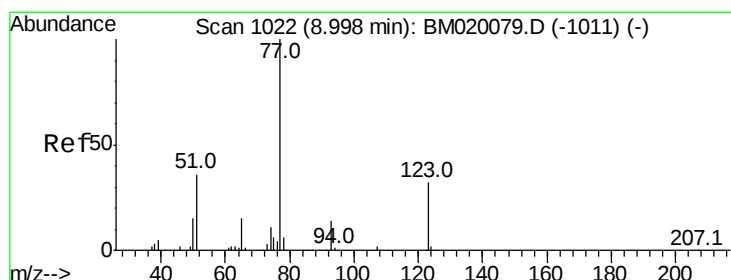
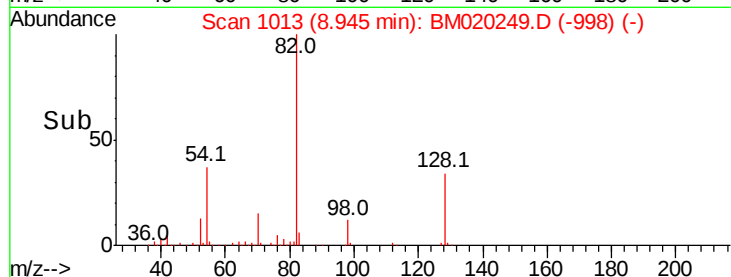
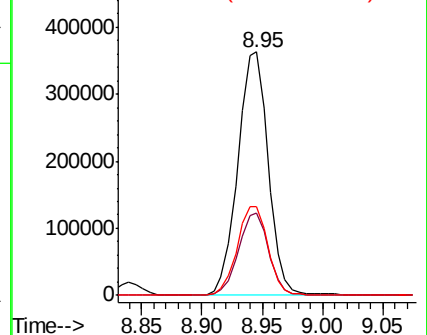
54 36.4 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#24

Nitrobenzene

Concen: 37.376 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

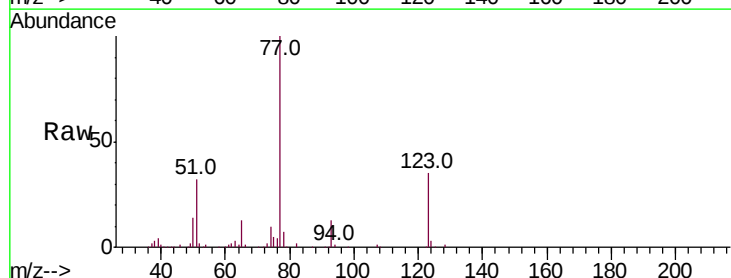
Tgt Ion: 77 Resp: 340214

Ion Ratio Lower Upper

77 100

123 35.5 25.5 38.3

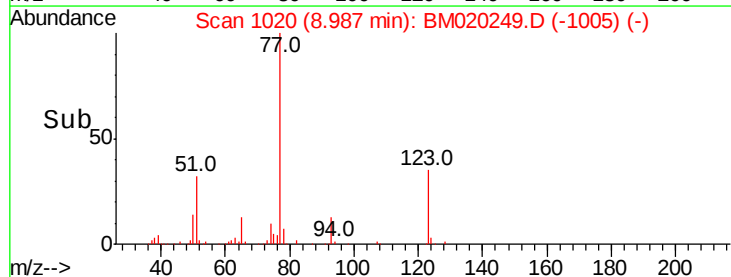
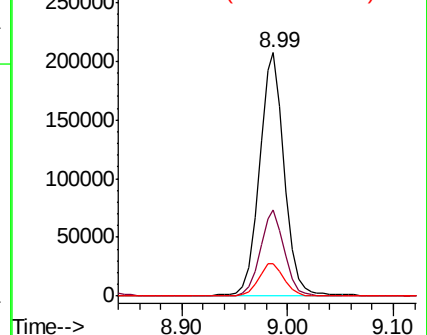
65 13.4 11.8 17.6

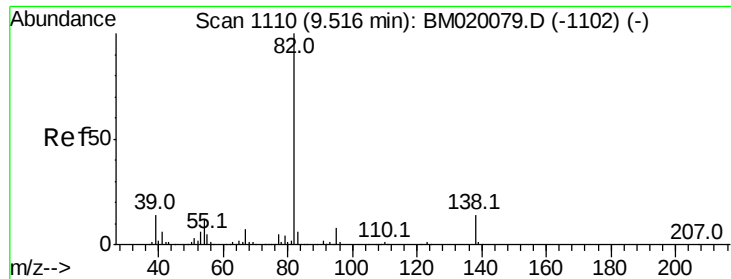


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-1011) (-)

Ion 123.00 (122.70 to 123.70): BM020079.D (-1011) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1011) (-)





#25

Isophorone

Concen: 39.837 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

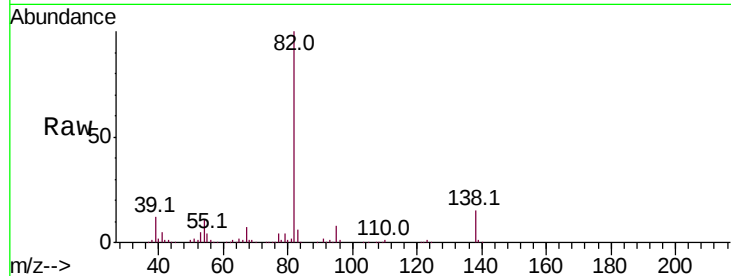
Tot Ion: 82 Resp: 603110

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

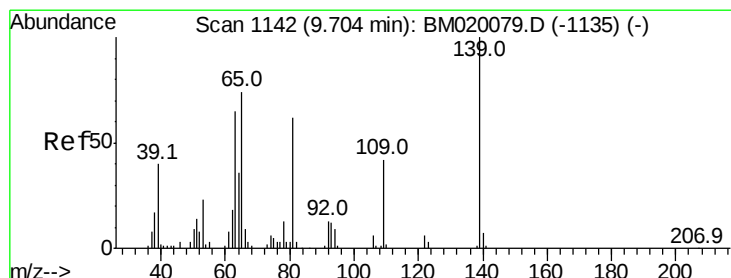
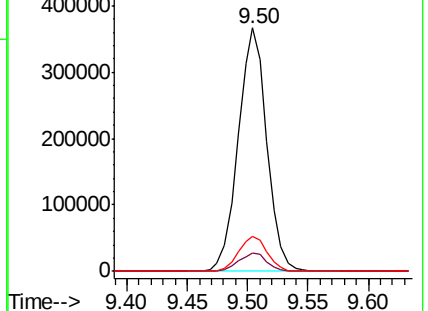
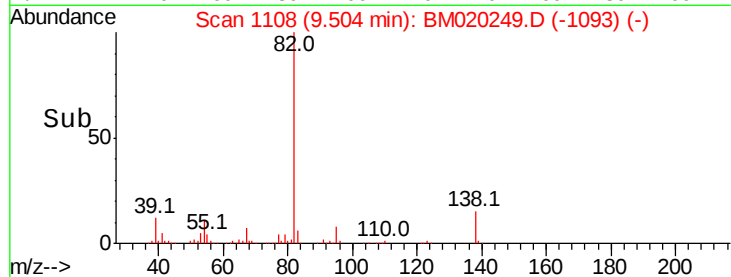
138 14.6 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020249.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020249.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020249.D (-1102) (-)



#26

2-Nitrophenol

Concen: 47.267 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

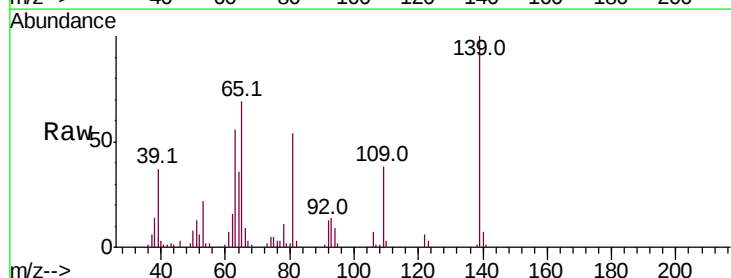
Tgt Ion: 139 Resp: 129892

Ion Ratio Lower Upper

139 100

109 38.4 33.7 50.5

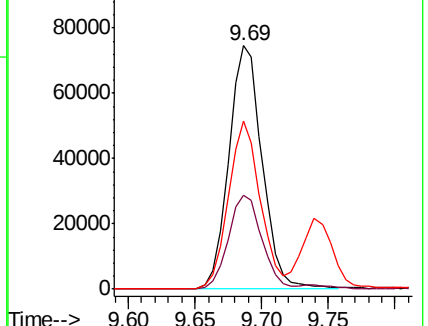
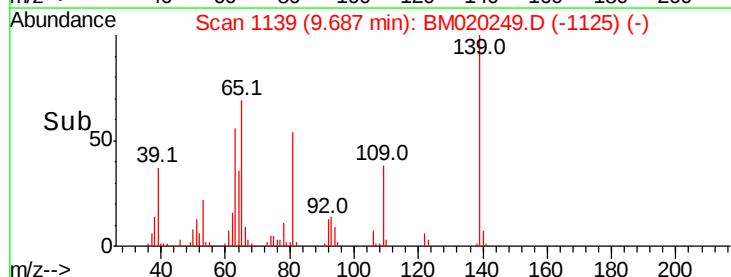
65 68.9 59.5 89.3

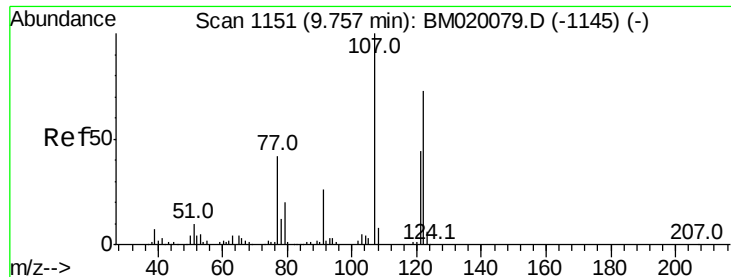


Abundance Ion 139.00 (138.70 to 139.70): BM020249.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020249.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020249.D (-1135) (-)

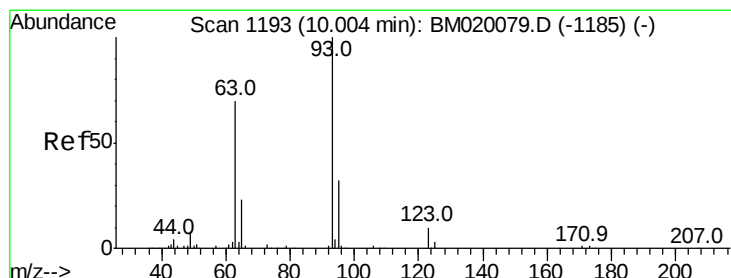
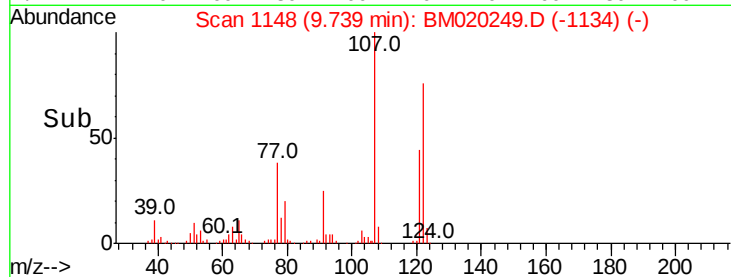
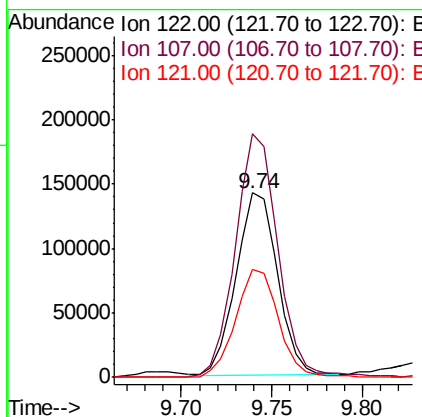
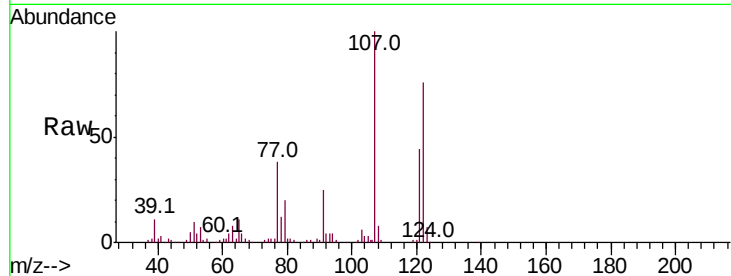




#27
 2,4-Dimethylphenol
 Concen: 49.428 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

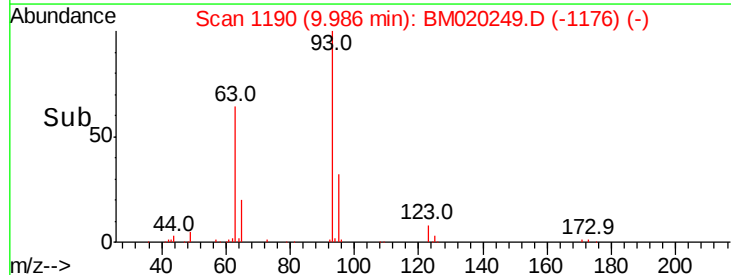
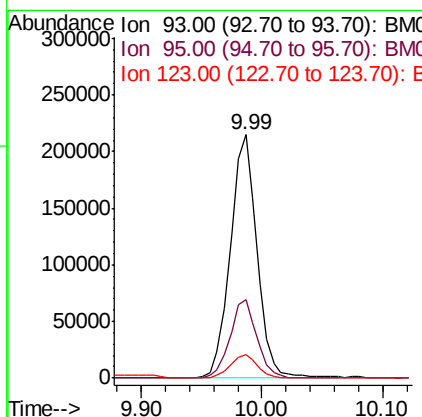
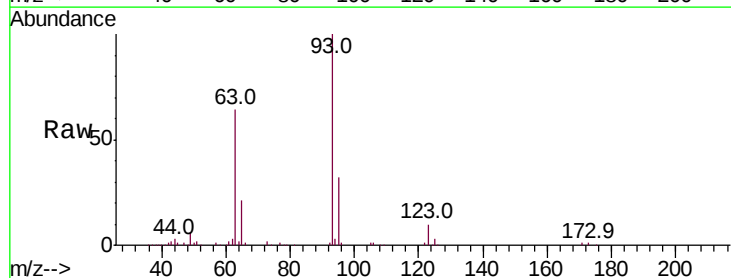
Instrument :
 BNA_M
 ClientSampleID :
 PB119597BS

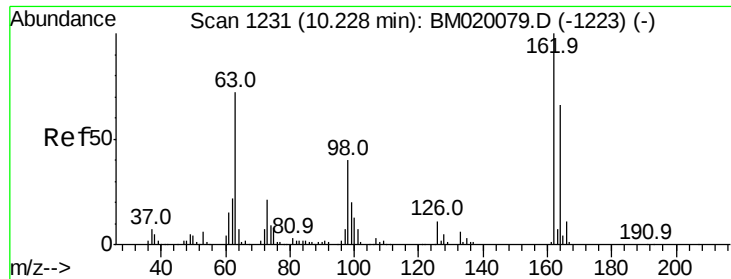
Tot Ion:122 Resp: 226138
 Ion Ratio Lower Upper
 122 100
 107 132.1 108.6 162.8
 121 58.6 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.086 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion: 93 Resp: 330530
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 9.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 44.356 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

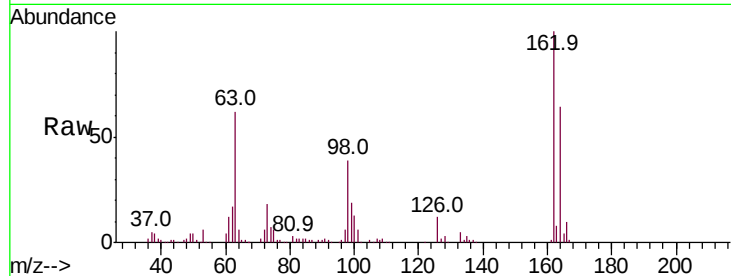
Tot Ion:162 Resp: 255893

Ion Ratio Lower Upper

162 100

164 64.2 45.6 85.6

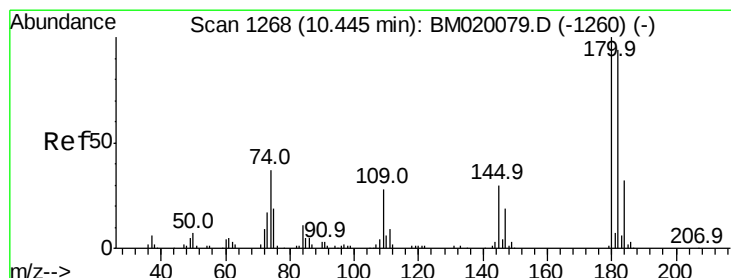
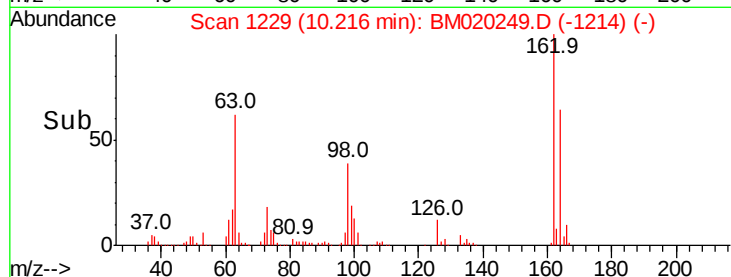
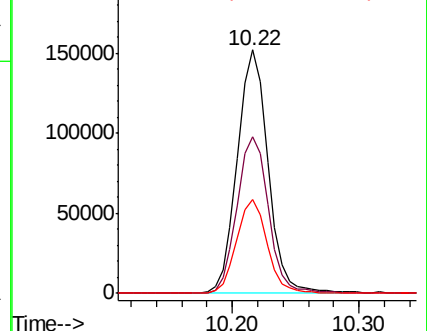
98 38.8 20.4 60.4



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: 38.256 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

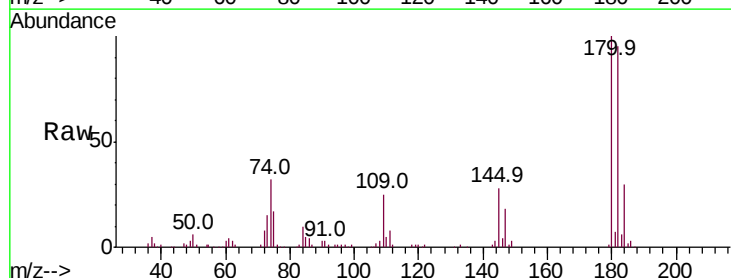
Tgt Ion:180 Resp: 271561

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

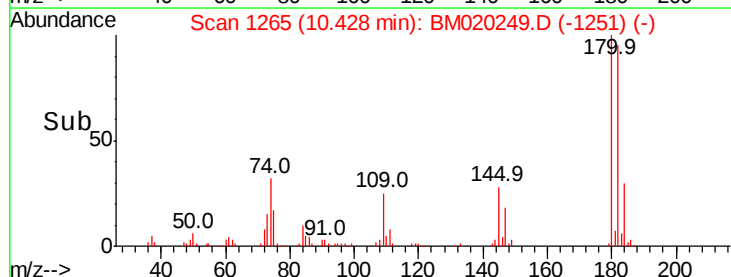
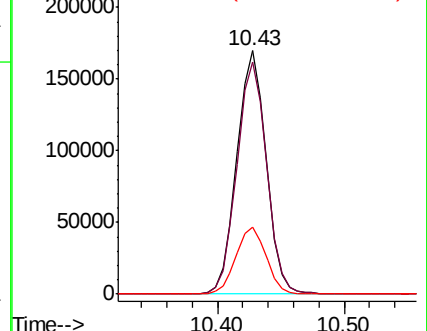
145 27.5 23.8 35.8

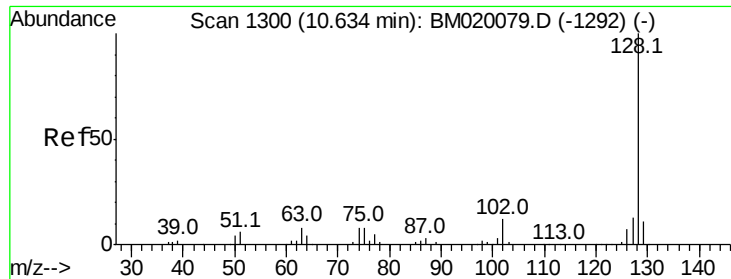


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

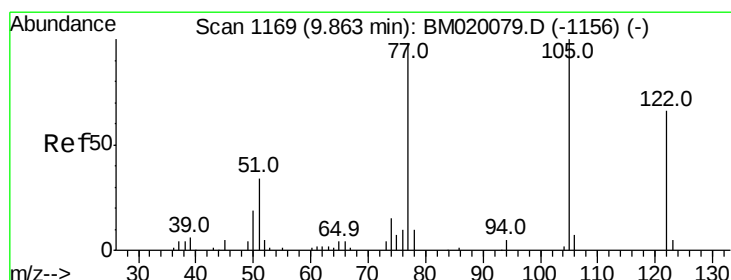
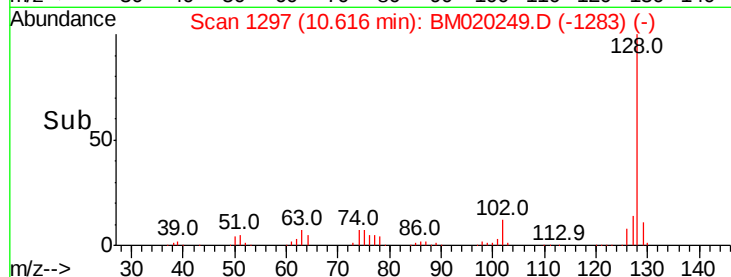
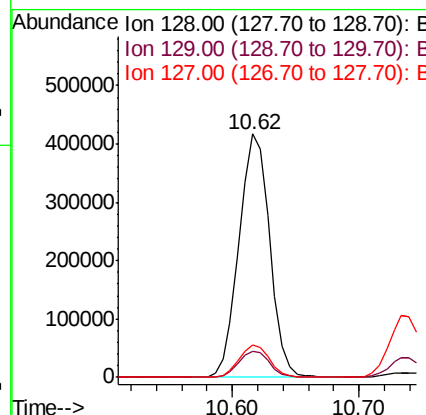
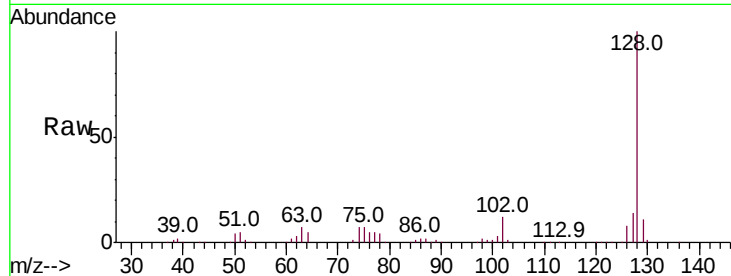




#31
Naphthalene
Concen: 38.927 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

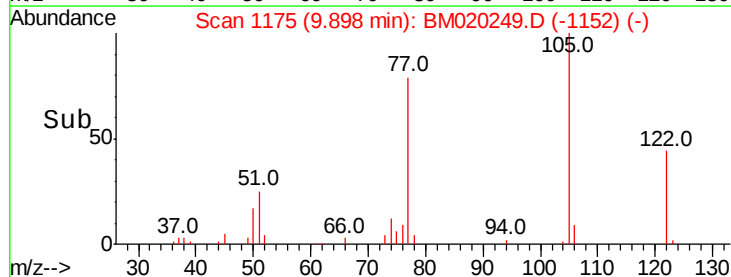
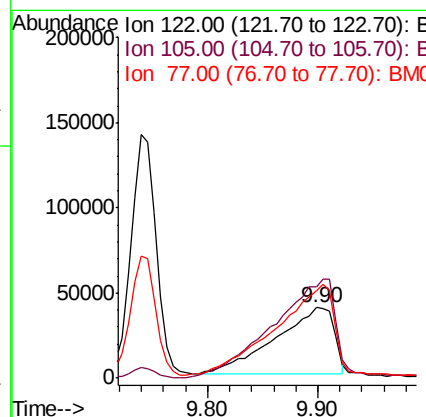
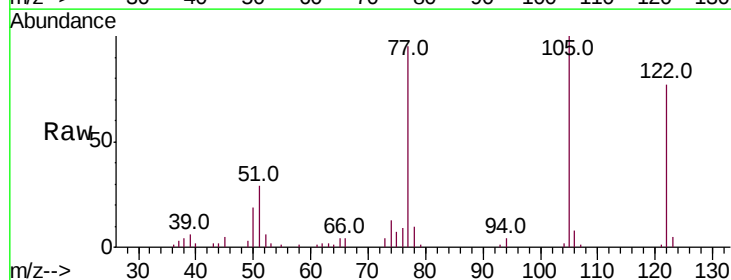
Instrument :
BNA_M
ClientSampled :
PB119597BS

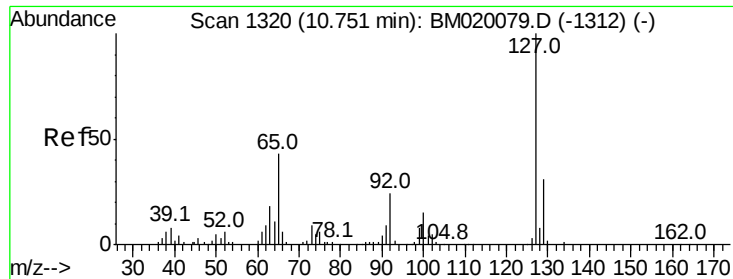
Tot Ion:128 Resp: 700161
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 44.277 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:122 Resp: 142194
Ion Ratio Lower Upper
122 100
105 129.7 122.5 162.5
77 123.7 123.3 163.3

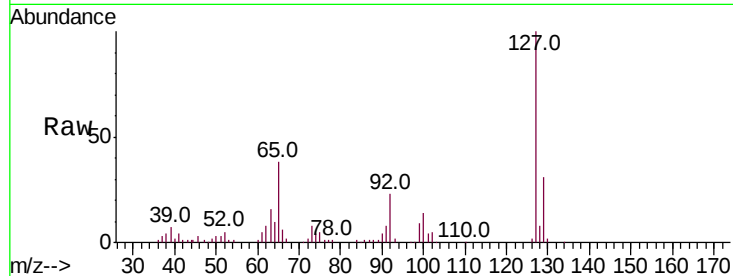




#33
4-Chloroaniline
Concen: 27.055 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tot Ion:	127	Resp:	200292
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.7	37.1
65	38.1	34.6	52.0
92	23.0	19.5	29.3



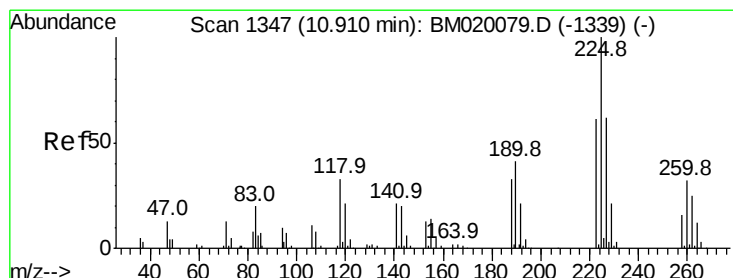
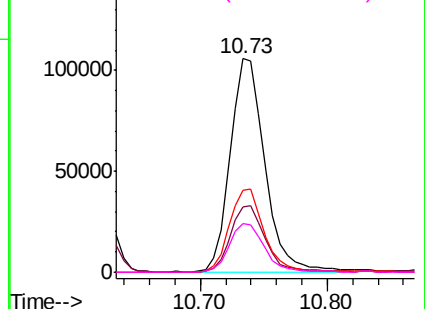
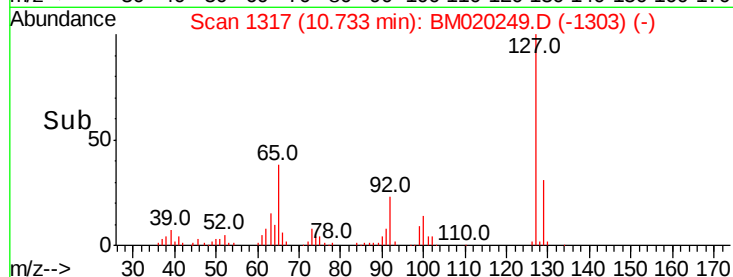
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

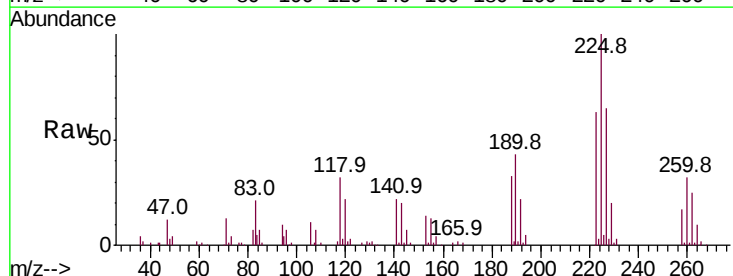
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 34.524 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:	225	Resp:	173365
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.9	73.3
227	65.0	49.6	74.4

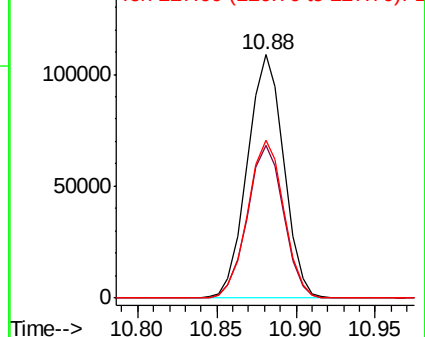
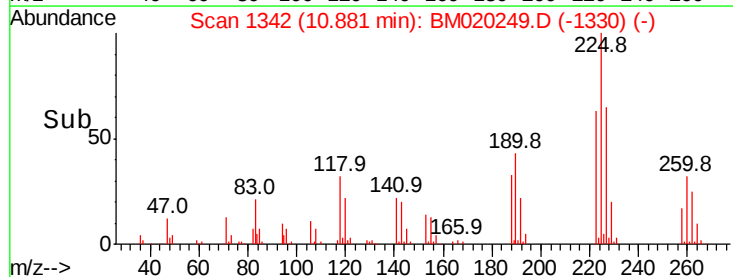


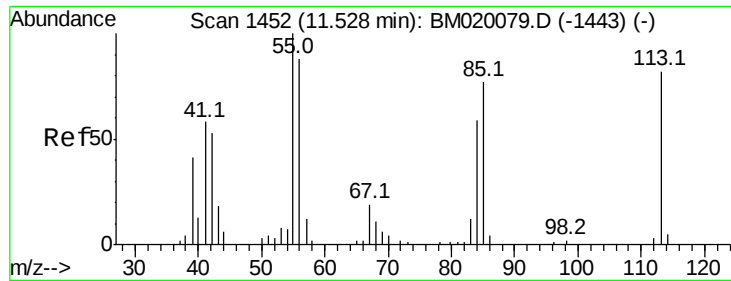
Abundance

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: 25.175 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

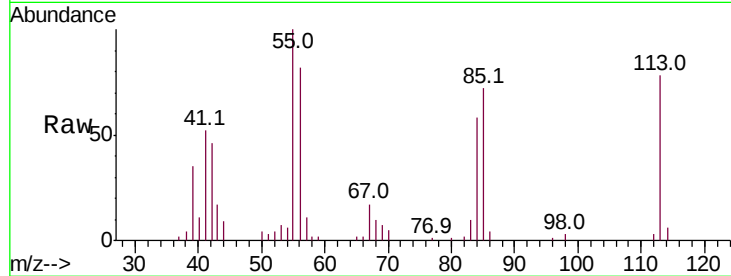
Tot Ion:113 Resp: 43427

Ion Ratio Lower Upper

113 100

55 128.2 102.5 142.5

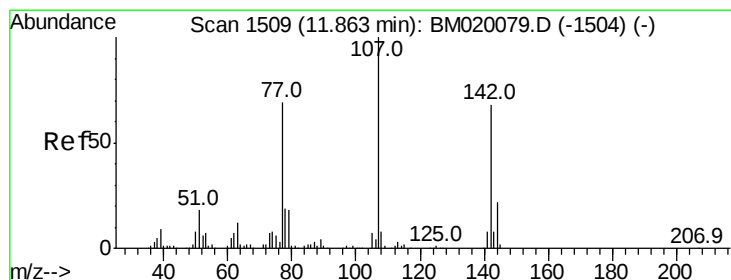
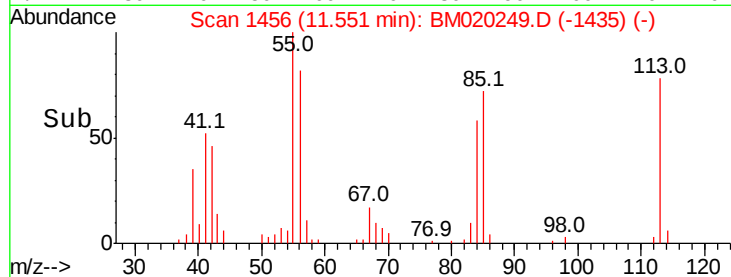
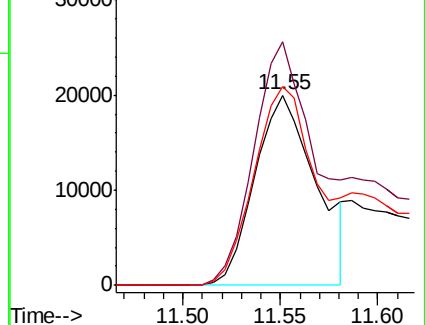
56 105.0 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 42.804 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

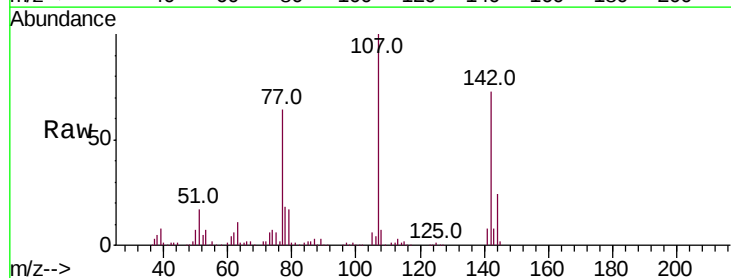
Tgt Ion:107 Resp: 290188

Ion Ratio Lower Upper

107 100

144 23.8 17.6 26.4

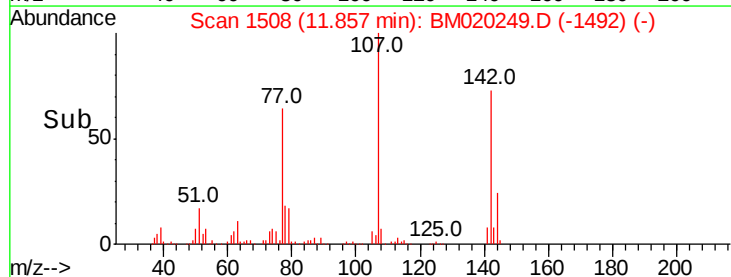
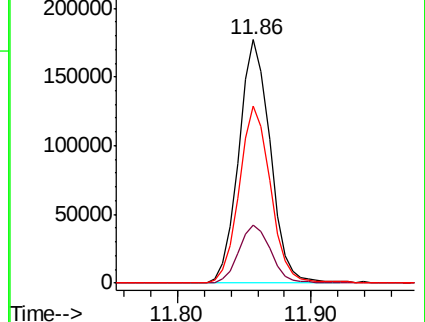
142 72.6 54.6 82.0

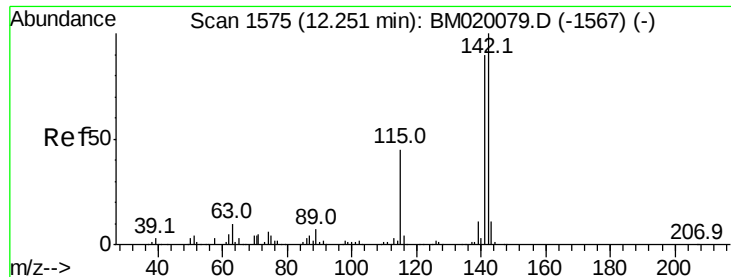


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.792 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

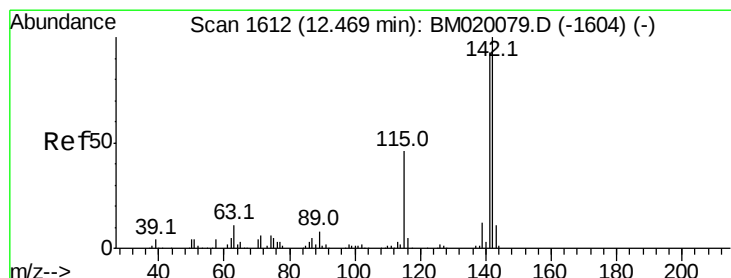
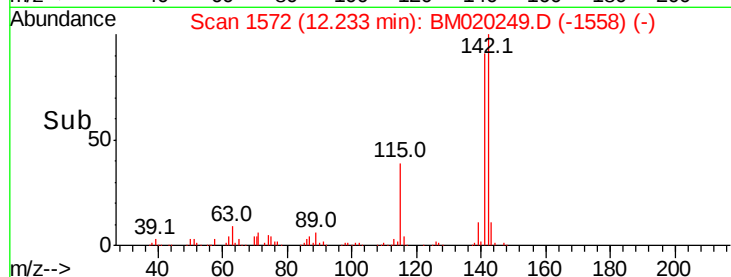
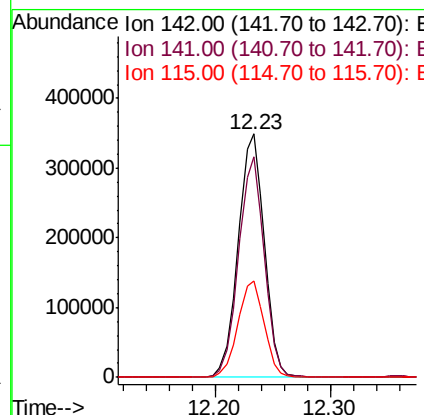
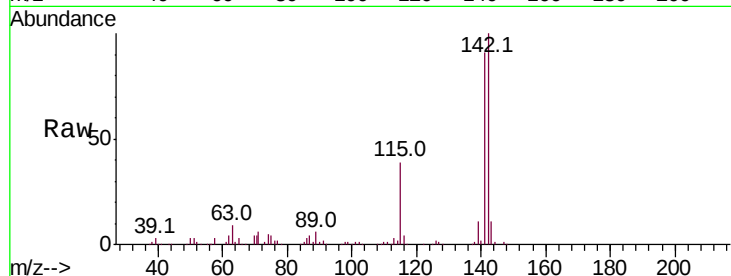
Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tot Ion:142 Resp: 548010

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.6	107.4
115	39.4	35.8	53.6



#38

1-Methylnaphthalene

Concen: 41.118 ng

RT: 12.45 min Scan# 1609

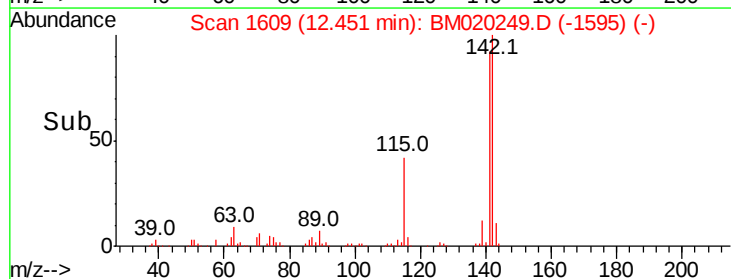
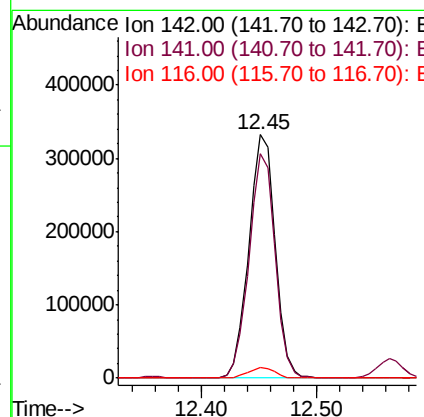
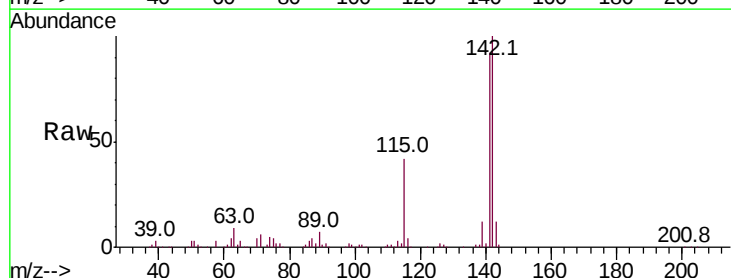
Delta R.T. -0.02 min

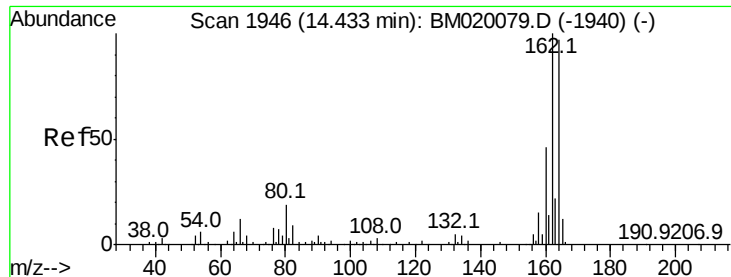
Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:142 Resp: 527231

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.8	112.2
116	4.5	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

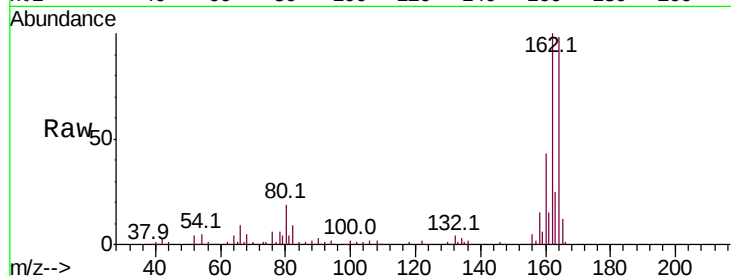
Tot Ion:164 Resp: 235435

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

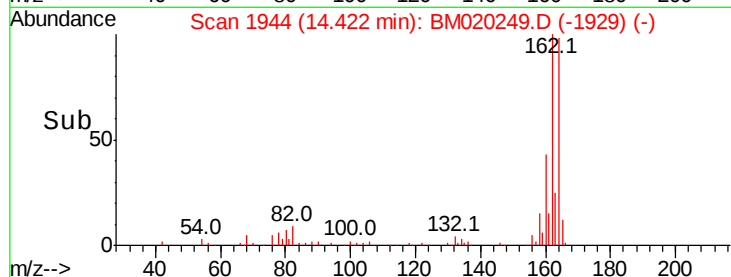
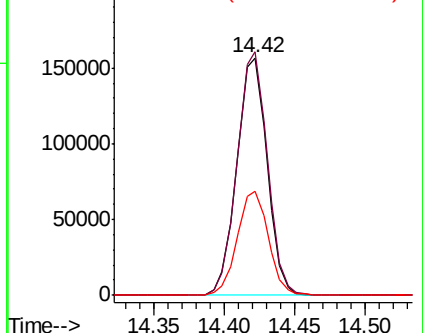
160 44.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.502 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:216 Resp: 336226

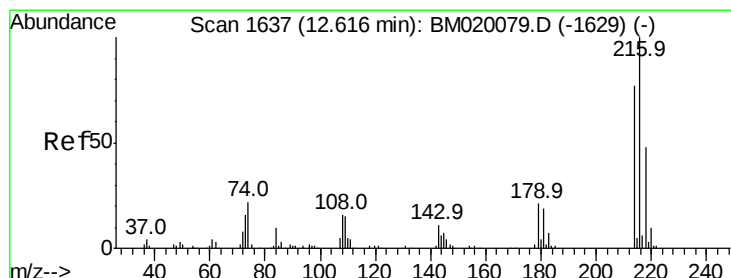
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 19.9 17.1 25.7

108 19.3 15.8 23.6

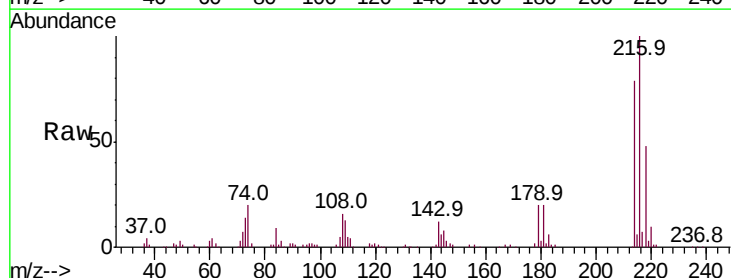
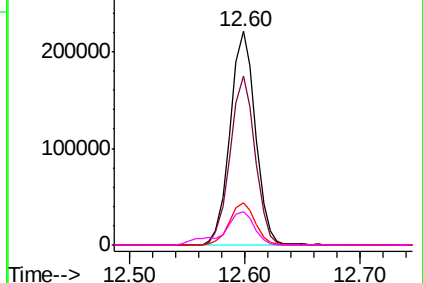


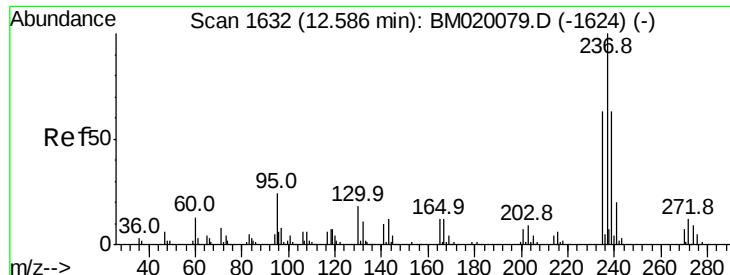
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.611 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

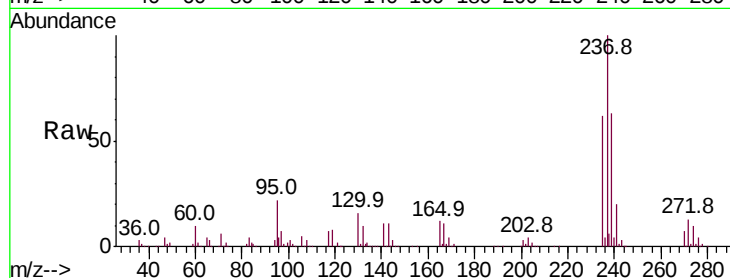
Tot Ion:237 Resp: 372112

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

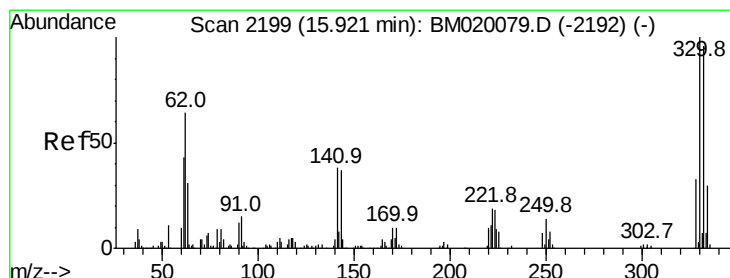
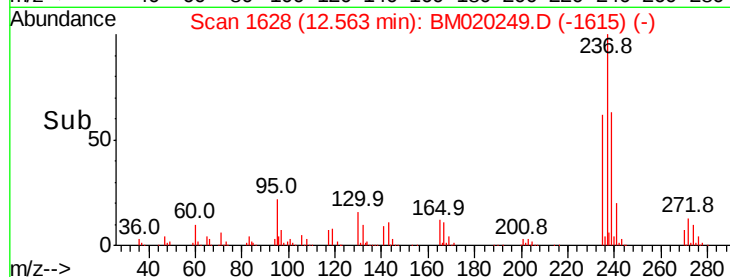
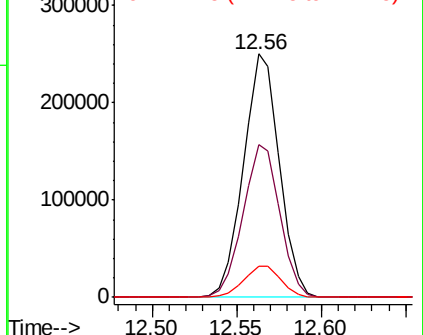
272 13.0 0.0 31.7



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: 145.213 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

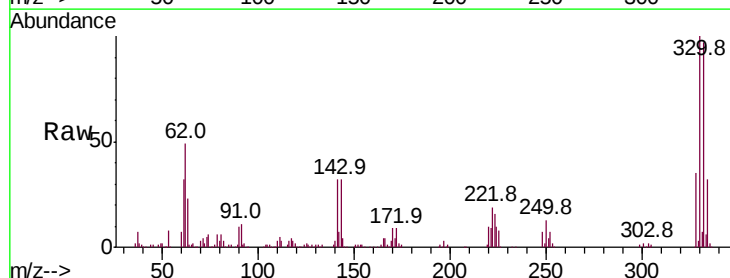
Tgt Ion:330 Resp: 530665

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

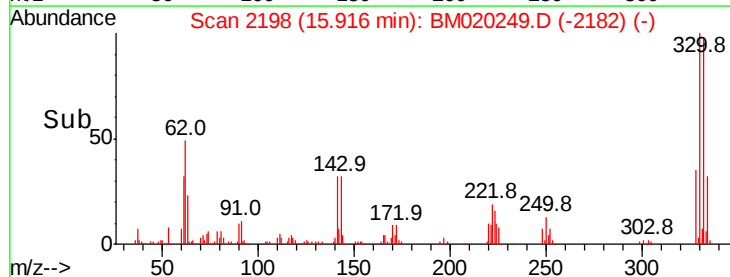
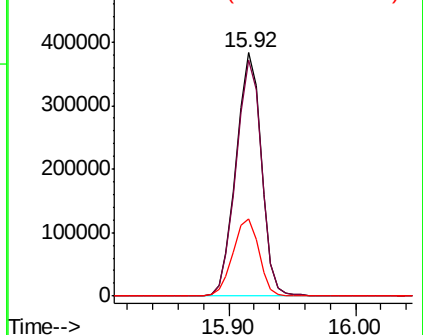
141 32.5 29.2 43.8

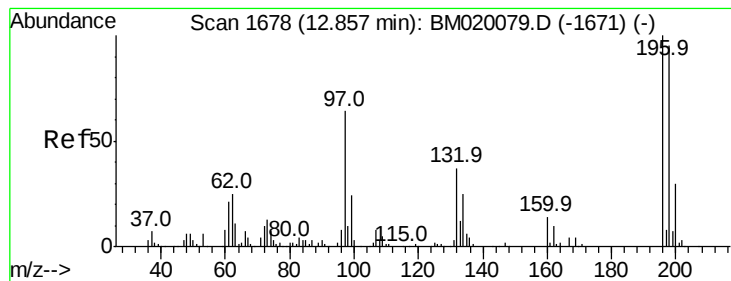


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

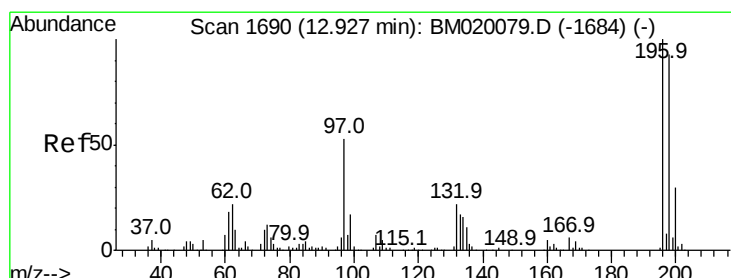
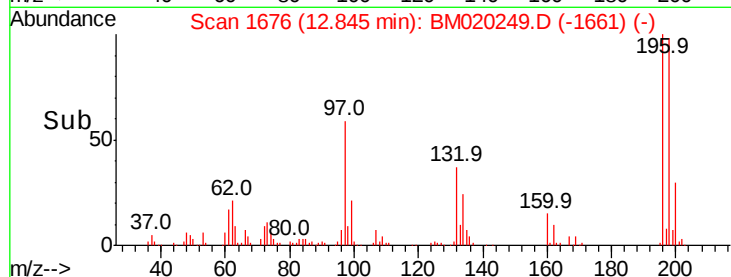
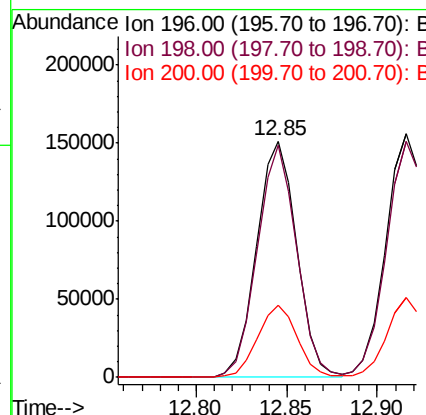
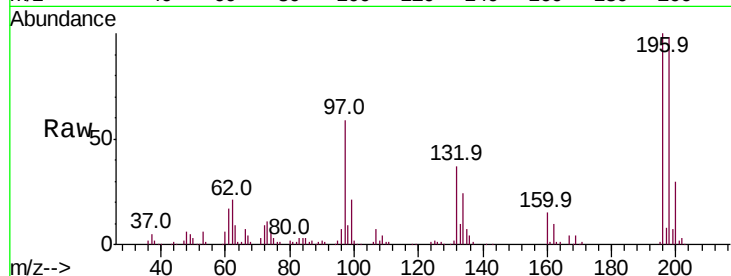




#43
 2,4,6-Trichlorophenol
 Concen: 44.391 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

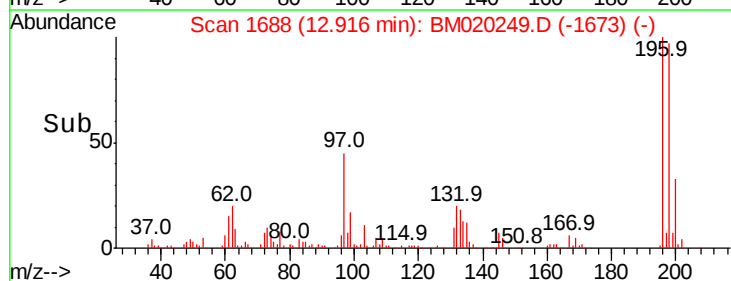
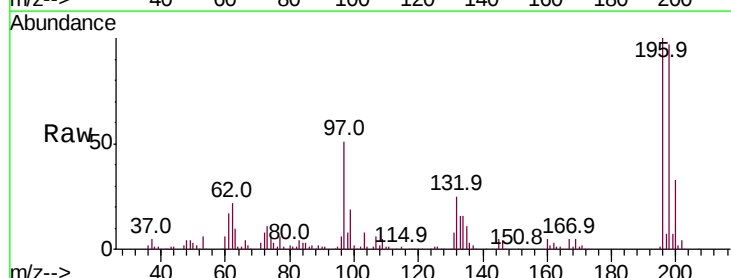
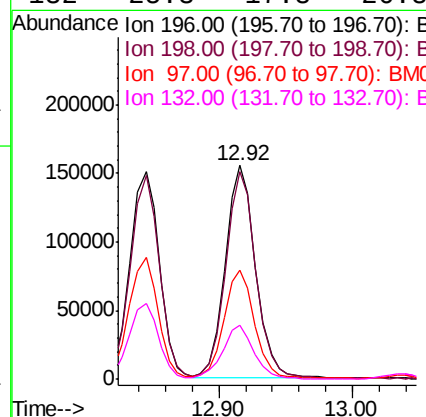
Instrument :
 BNA_M
 ClientSampleID :
 PB119597BS

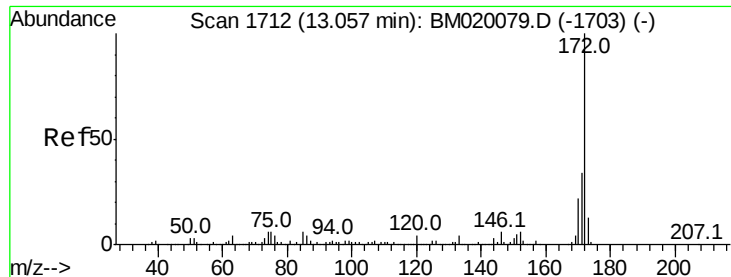
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.2
200	30.5	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.186 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.7	112.1
97	50.8	42.2	63.4
132	25.3	17.8	26.8

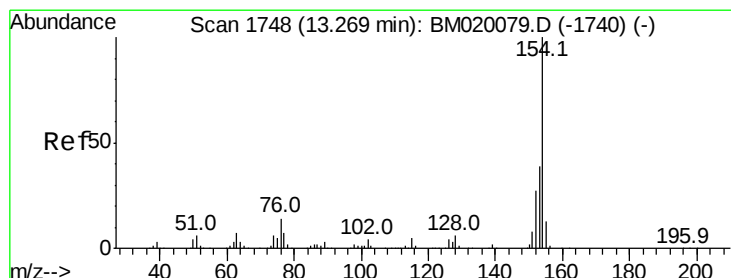
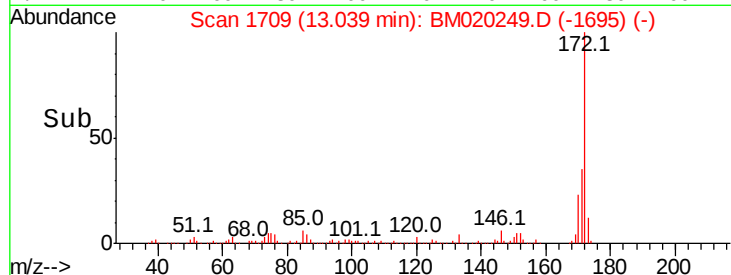
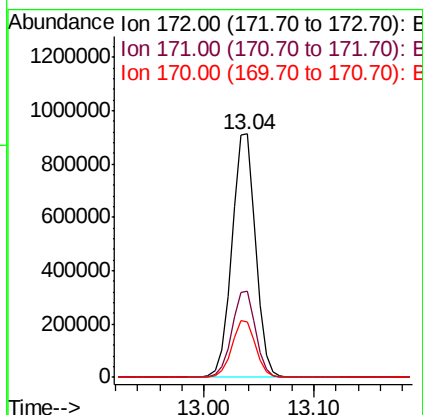
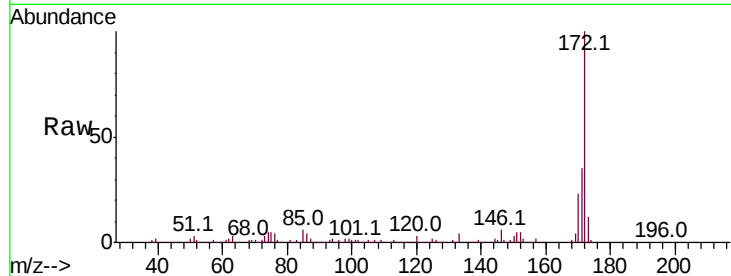




#45
2-Fluorobiphenyl
Concen: 71.974 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

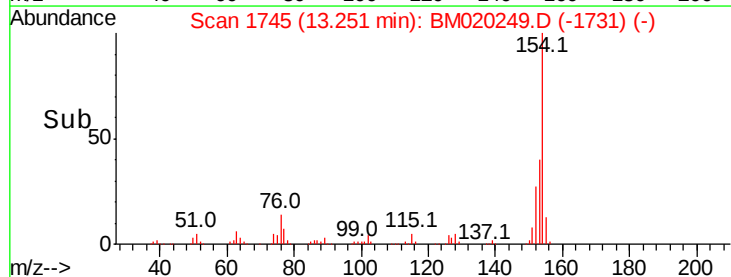
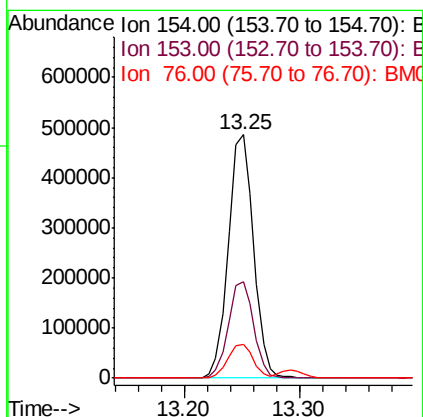
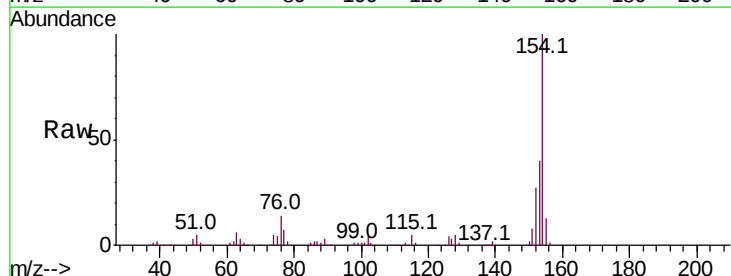
Instrument :
BNA_M
ClientSampleId :
PB119597BS

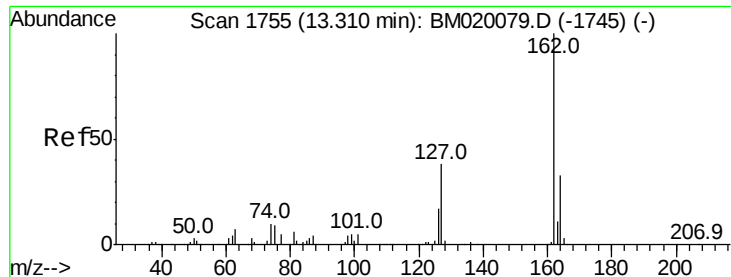
Tot Ion:172 Resp: 1377253
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 22.9 17.9 26.9



#46
1,1'-Biphenyl
Concen: 37.882 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:154 Resp: 734095
Ion Ratio Lower Upper
154 100
153 39.8 19.4 59.4
76 14.0 0.0 34.5

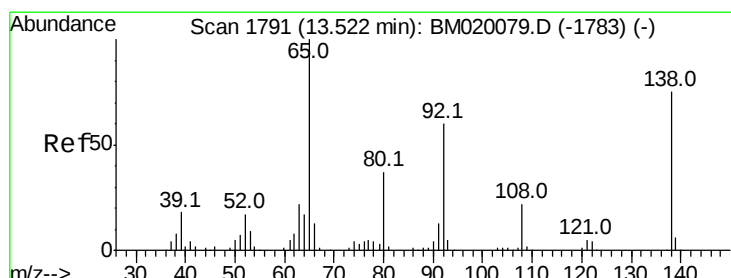
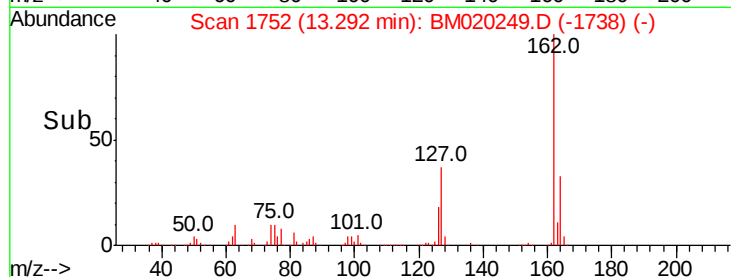
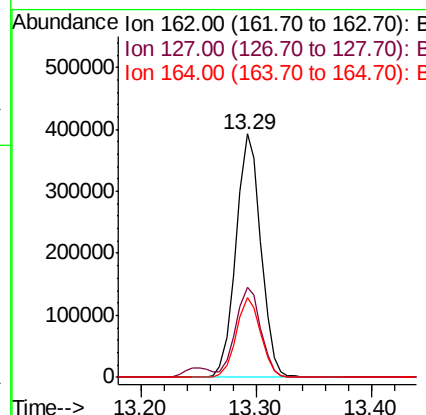
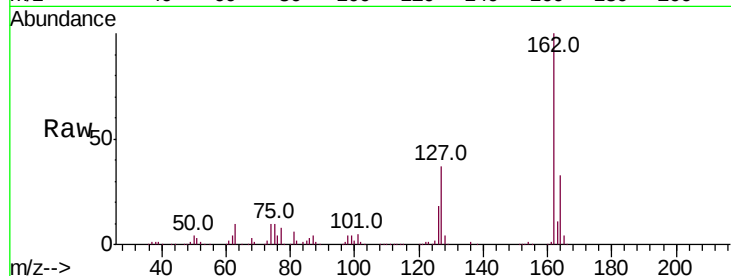




#47
2-Chloronaphthalene
Concen: 37.981 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

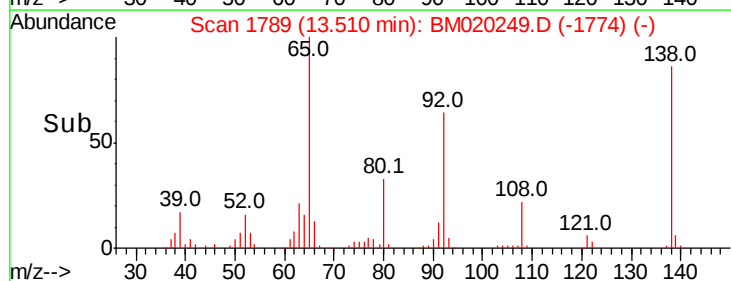
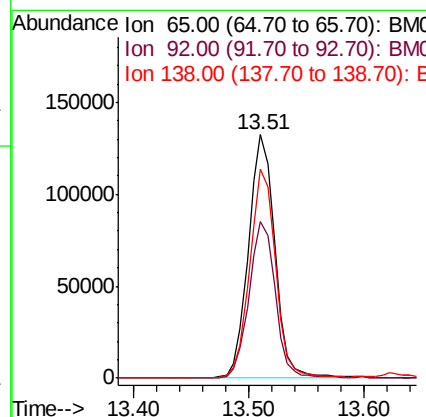
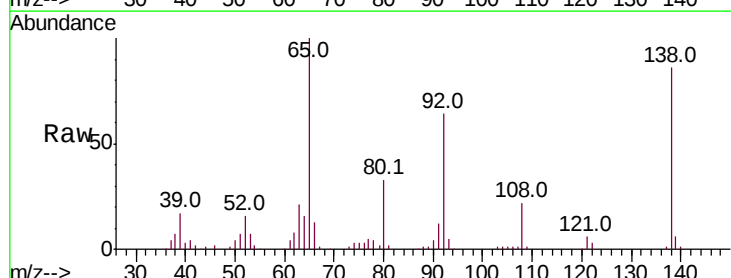
Instrument :
BNA_M
ClientSampleId :
PB119597BS

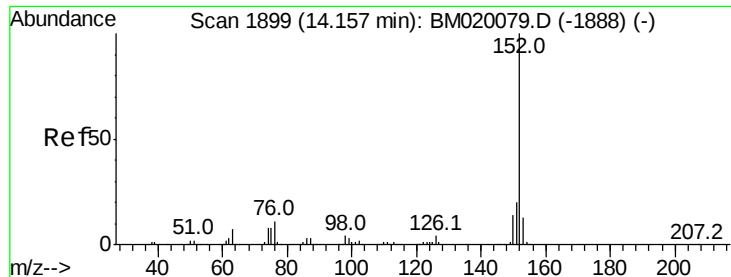
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.0	46.4
164	32.9	26.2	39.2



#48
2-Nitroaniline
Concen: 38.257 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	48.2	72.4
138	86.0	60.3	90.5





#49

Acenaphthylene

Concen: 37.434 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

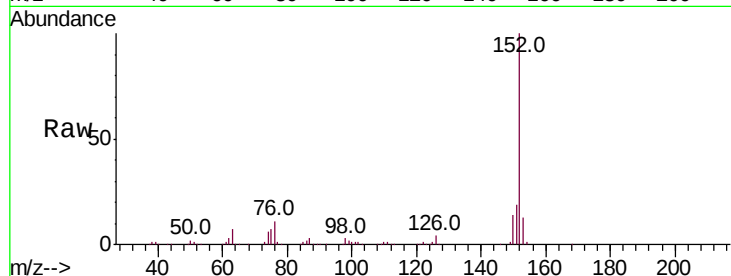
Tot Ion:152 Resp: 926938

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.2

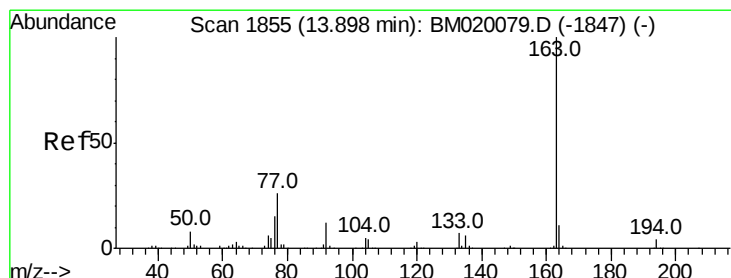
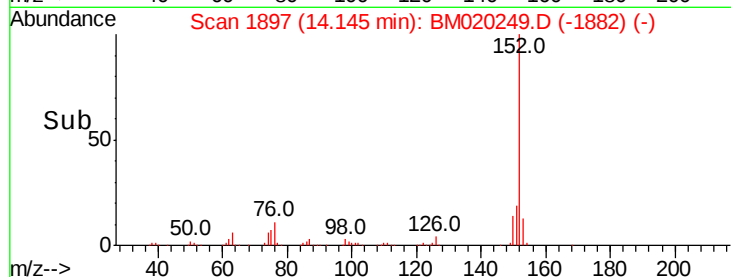
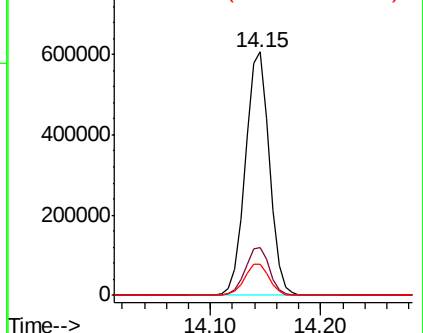
153 12.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.602 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

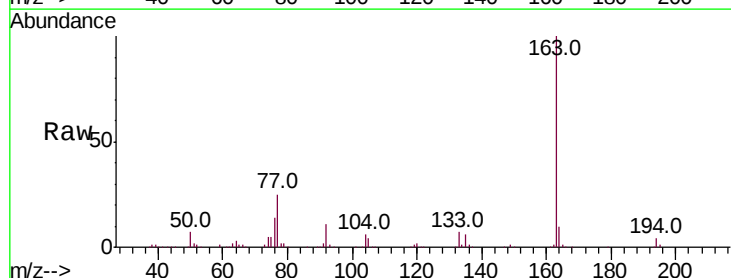
Tgt Ion:163 Resp: 772423

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

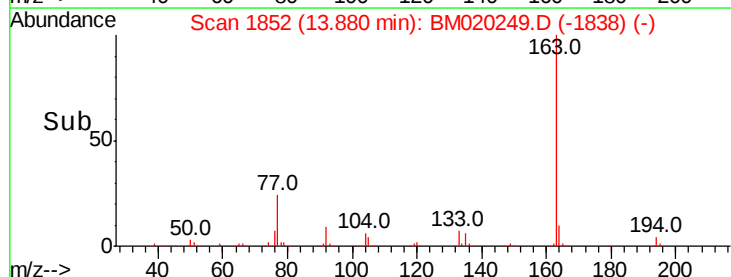
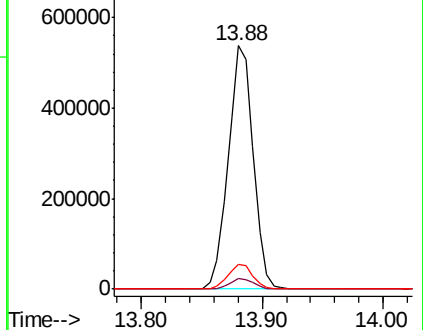
164 10.2 8.4 12.6

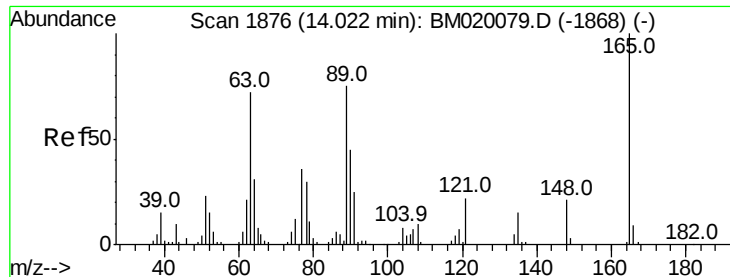


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.072 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

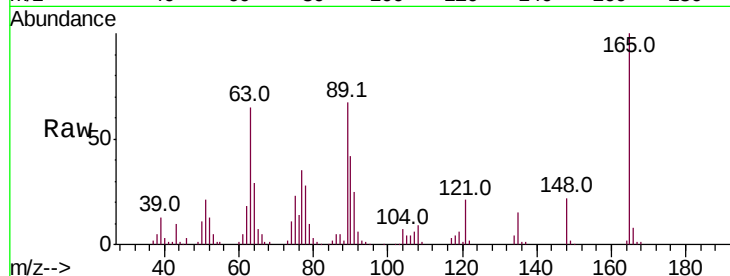
Tot Ion:165 Resp: 168886

Ion Ratio Lower Upper

165 100

63 65.3 60.3 90.5

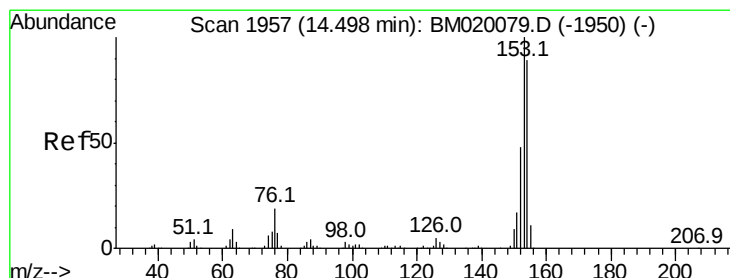
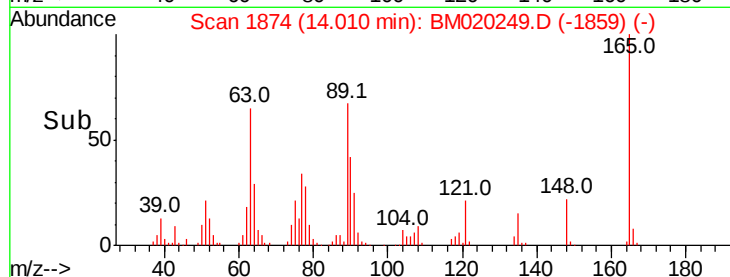
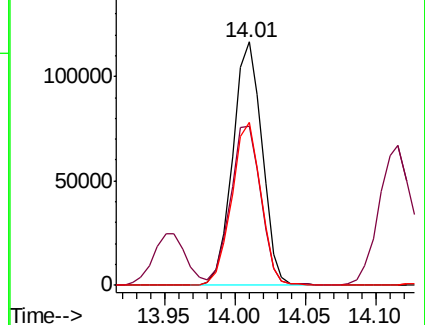
89 66.8 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 38.515 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

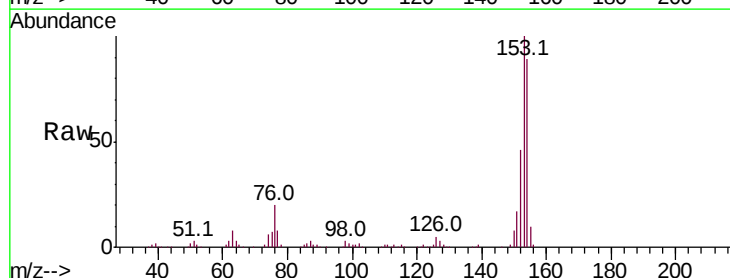
Tgt Ion:154 Resp: 546900

Ion Ratio Lower Upper

154 100

153 112.8 90.2 135.2

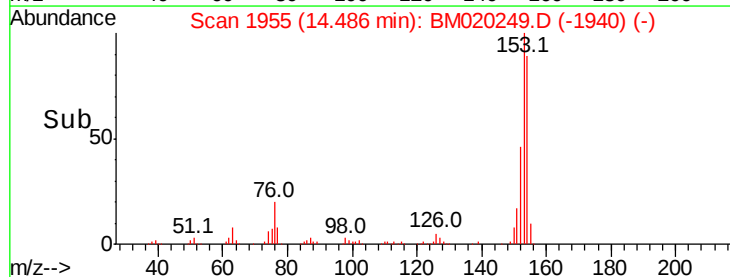
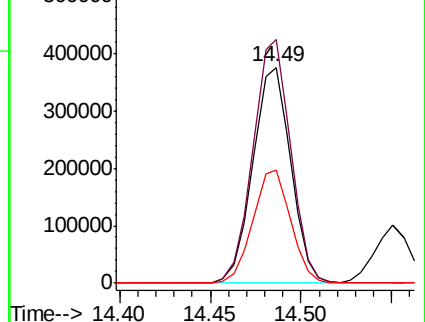
152 52.3 43.0 64.4

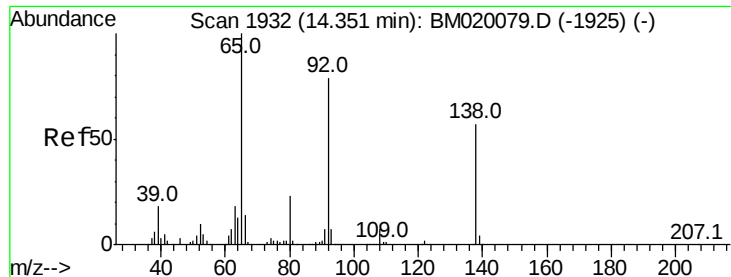


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.497 ng

RT: 14.34 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

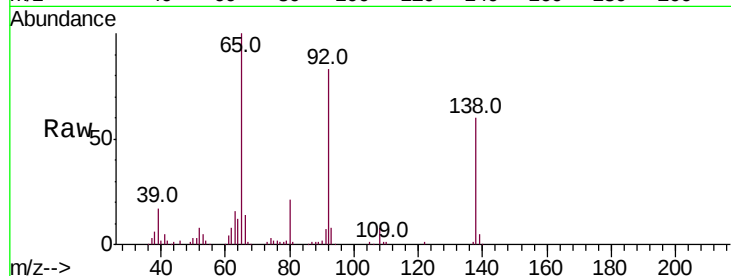
Tot Ion:138 Resp: 119291

Ion Ratio Lower Upper

138 100

108 12.6 10.4 15.6

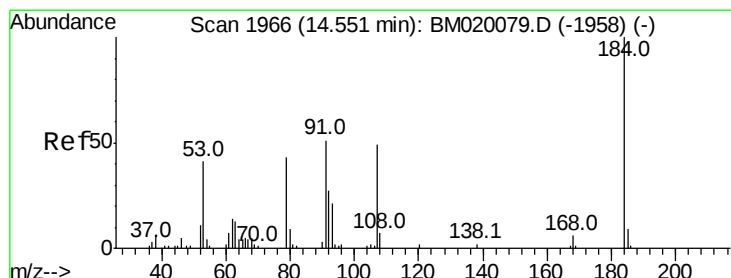
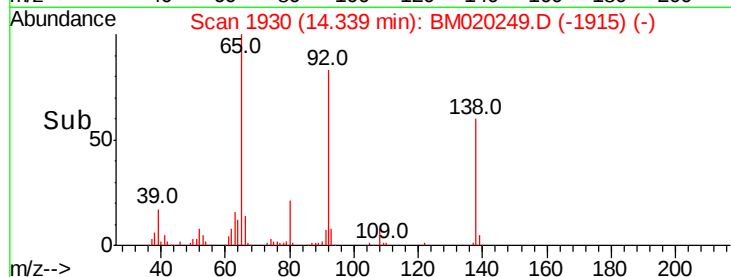
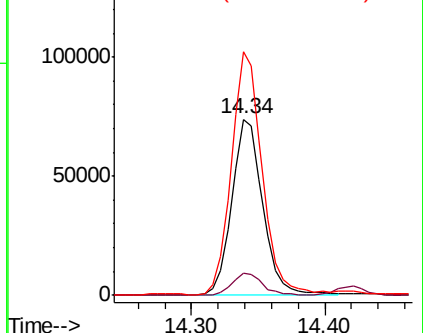
92 138.1 111.3 166.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 102.032 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

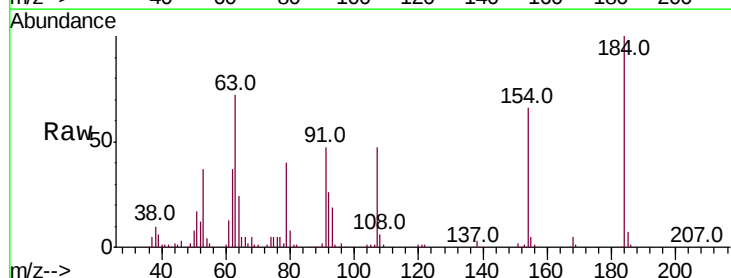
Tgt Ion:184 Resp: 220905

Ion Ratio Lower Upper

184 100

63 72.1 68.9 103.3

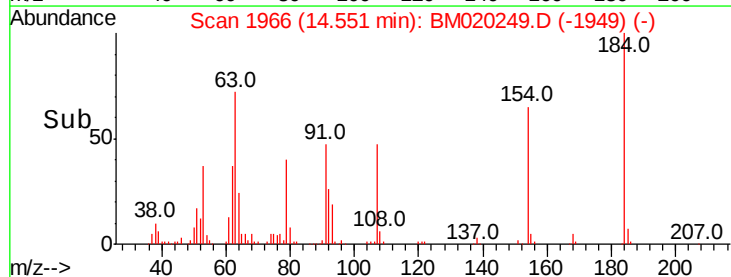
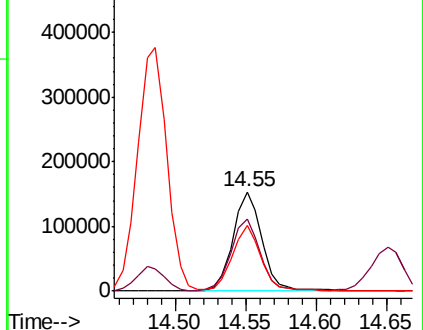
154 65.6 54.4 81.6

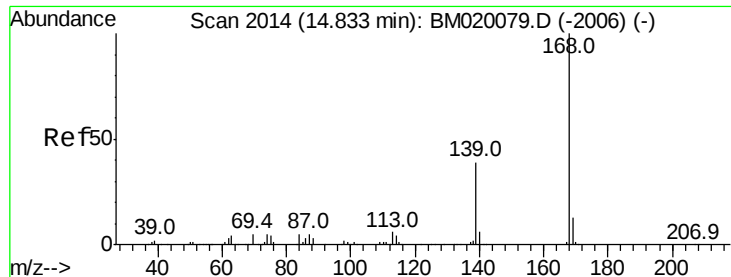


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.671 ng

RT: 14.82 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

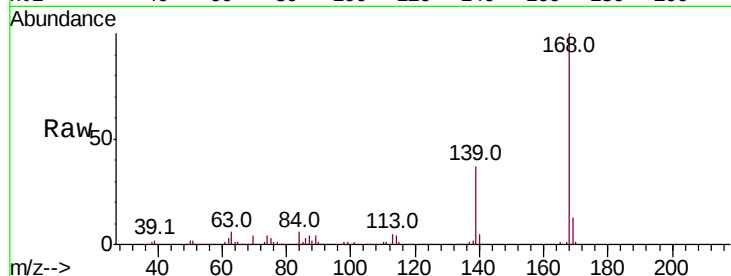
Tot Ion:168 Resp: 926242

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

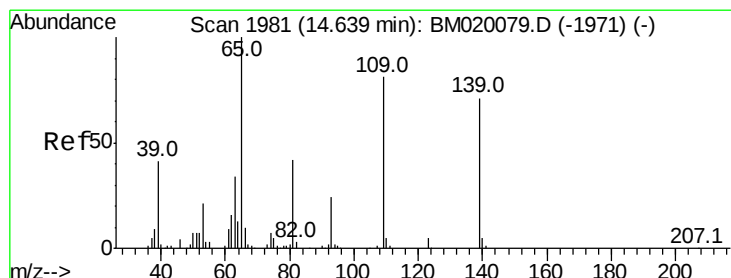
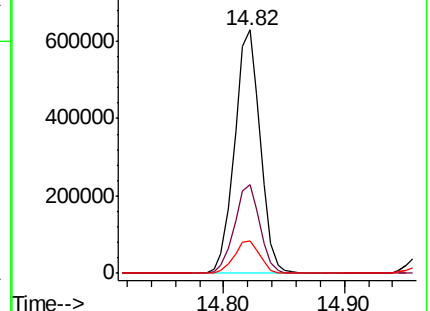
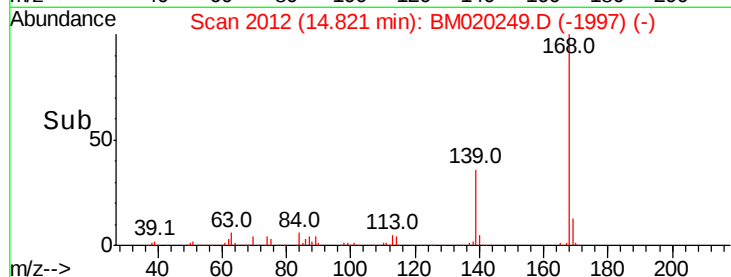
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.443 ng

RT: 14.65 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

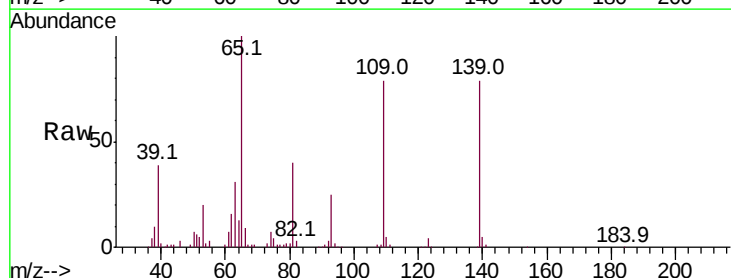
Tgt Ion:139 Resp: 278483

Ion Ratio Lower Upper

139 100

109 100.6 94.1 134.1

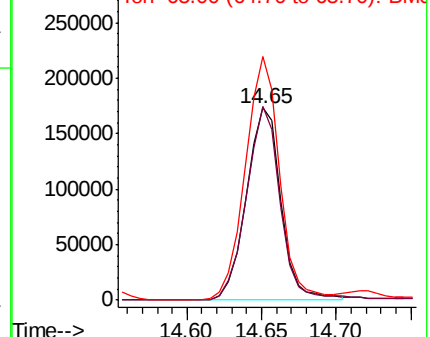
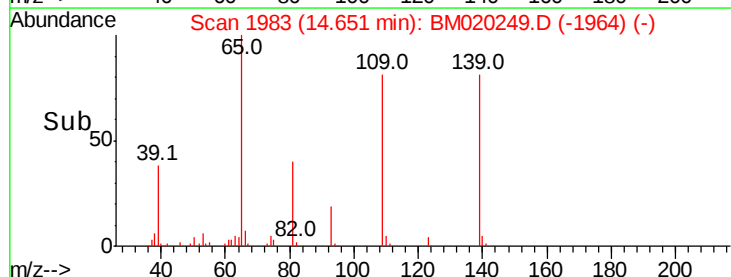
65 126.8 120.9 160.9

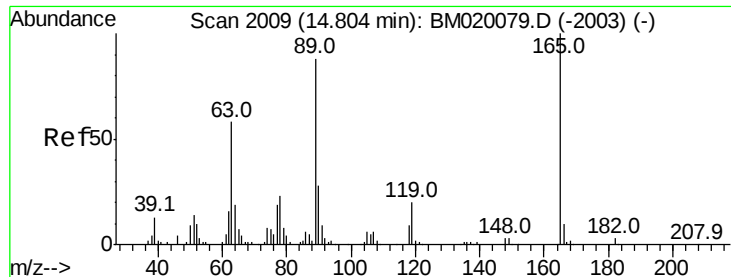


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

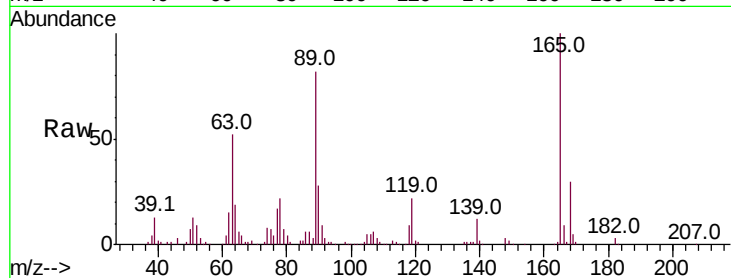




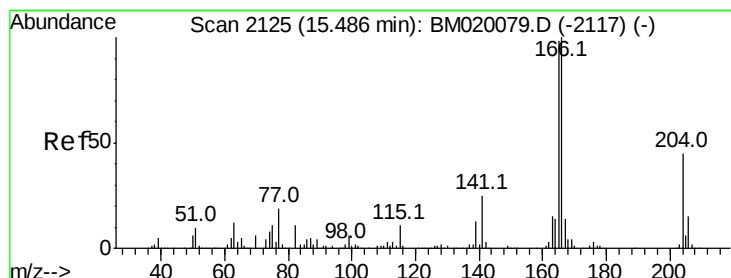
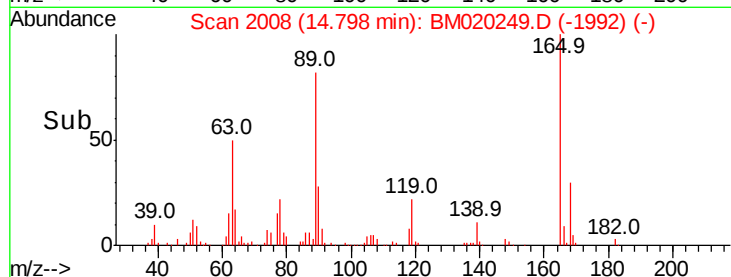
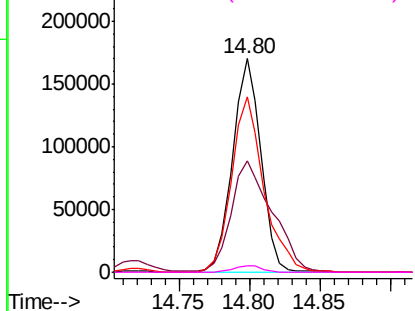
#57
2,4-Dinitrotoluene
Concen: 41.609 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tot Ion:165 Resp: 238285
Ion Ratio Lower Upper
165 100
63 51.9 46.2 69.2
89 81.9 70.6 105.8
182 3.0 2.2 3.2

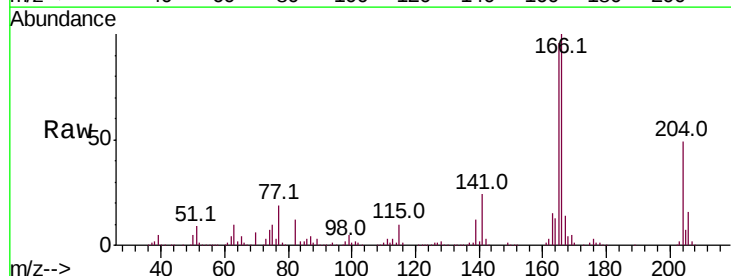


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

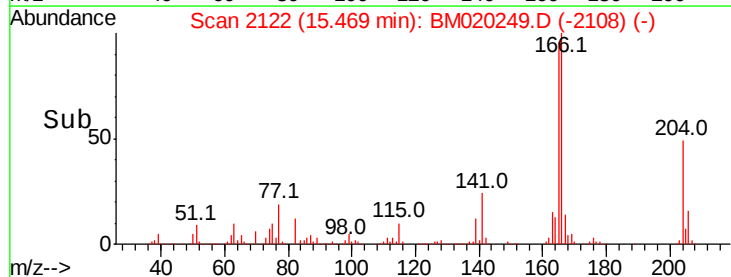
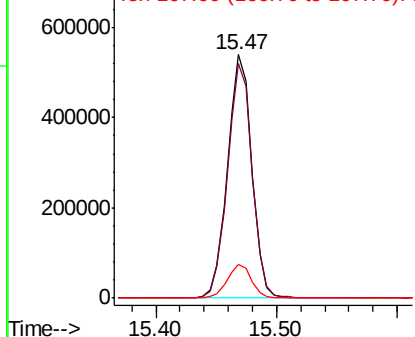


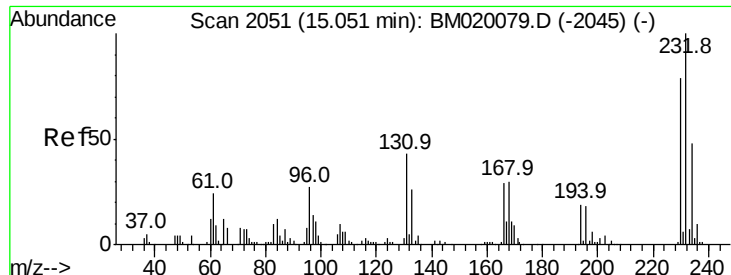
#58
Fluorene
Concen: 38.407 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:166 Resp: 755498
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.2
167 13.6 11.0 16.4



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.204 ng

RT: 15.04 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tot Ion:232 Resp: 240108

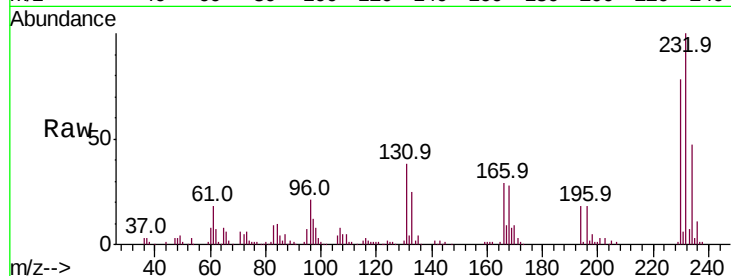
Ion Ratio Lower Upper

232 100

131 39.5 34.2 51.4

130 2.0 2.0 3.0

166 29.4 23.8 35.8

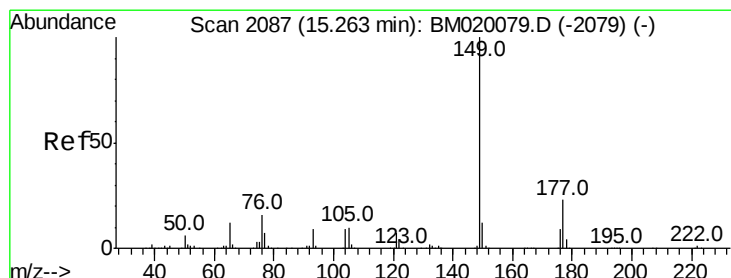
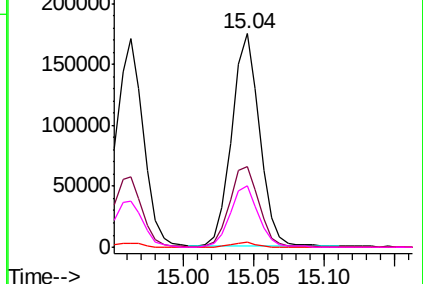
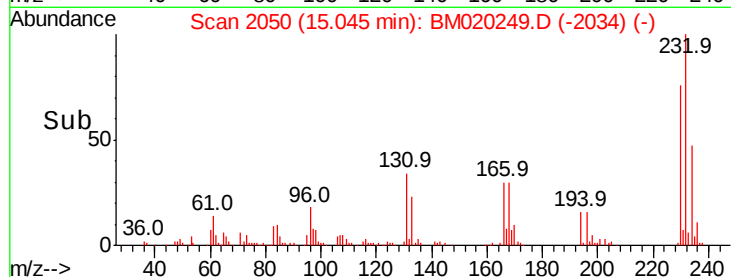


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.029 ng

RT: 15.24 min Scan# 2084

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

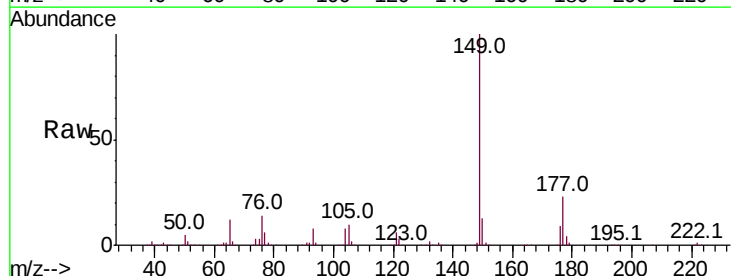
Tgt Ion:149 Resp: 766657

Ion Ratio Lower Upper

149 100

177 23.2 18.2 27.4

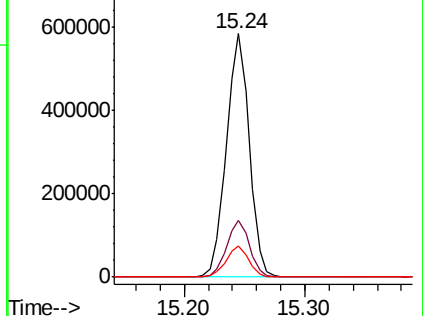
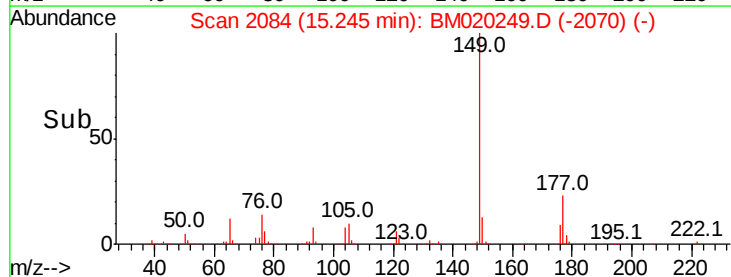
150 12.7 9.9 14.9

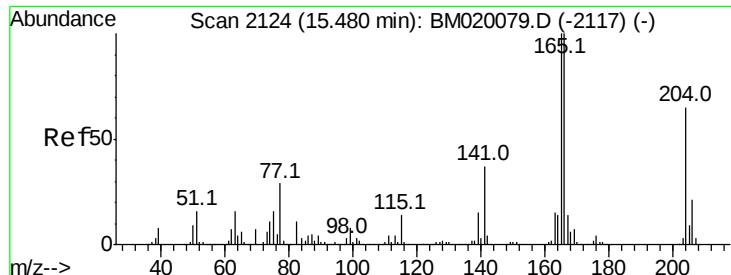


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

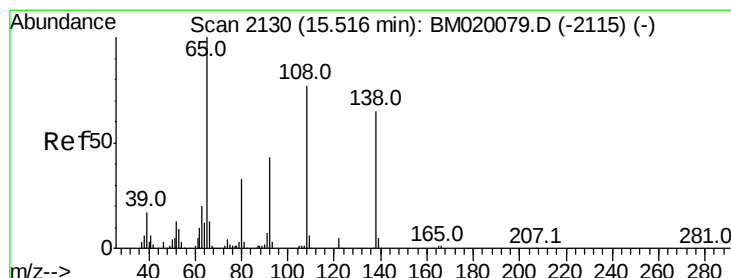
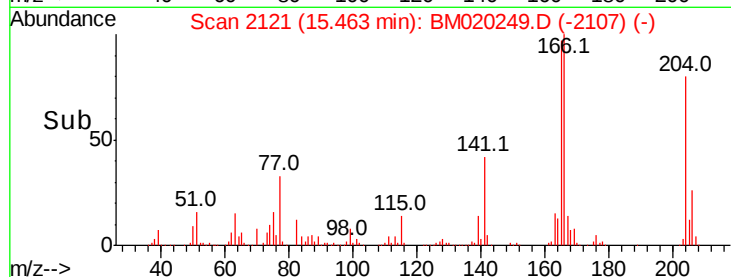
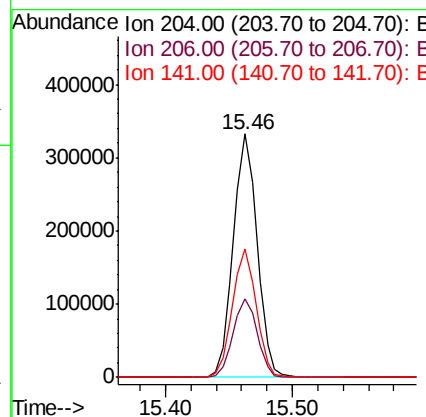
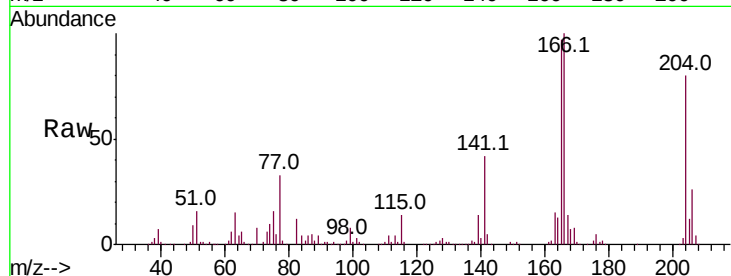




#61
4-Chlorophenyl-phenylether
Concen: 38.815 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

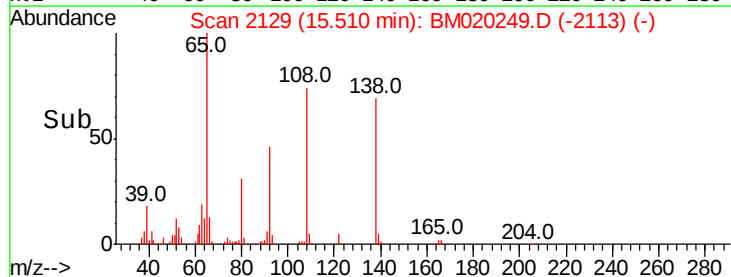
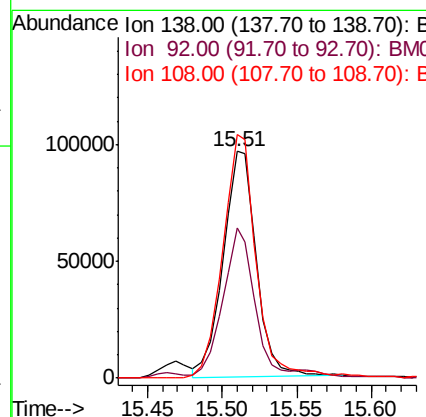
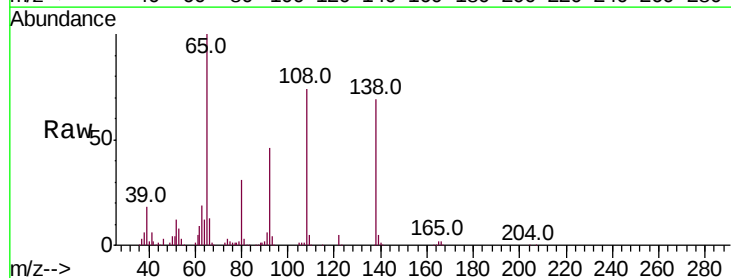
Instrument :
BNA_M
ClientSampleId :
PB119597BS

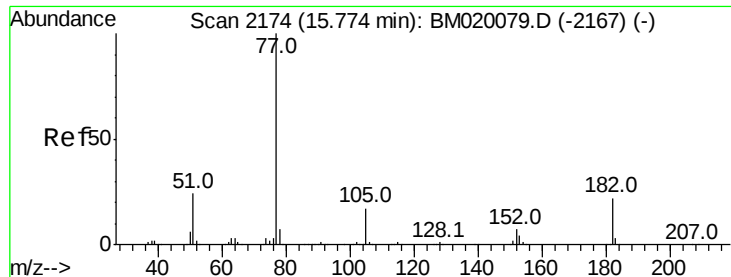
Tot Ion:204 Resp: 432615
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 52.5 46.1 69.1



#62
4-Nitroaniline
Concen: 34.824 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:138 Resp: 150331
Ion Ratio Lower Upper
138 100
92 66.5 45.9 85.9
108 107.6 97.7 137.7





#63

Azobenzene

Concen: 35.763 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

Tot Ion: 77 Resp: 850545

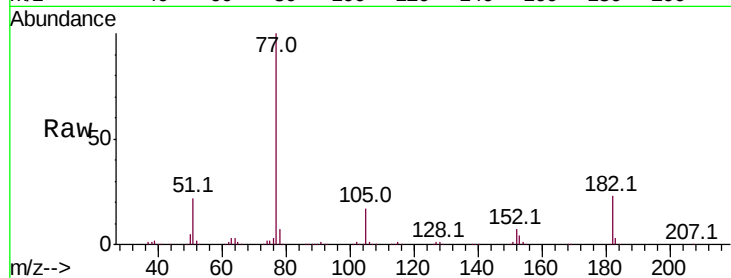
Ion Ratio Lower Upper

77 100

182 23.3 2.1 42.1

105 17.0 0.0 36.8

51 21.8 3.8 43.8

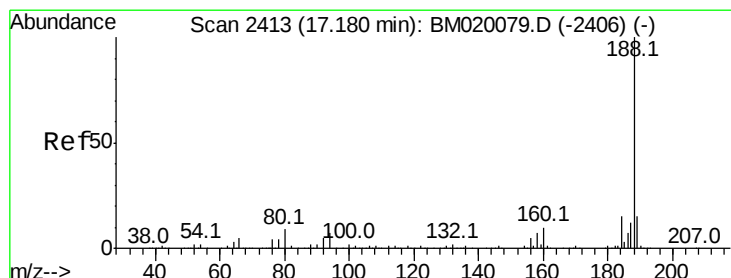
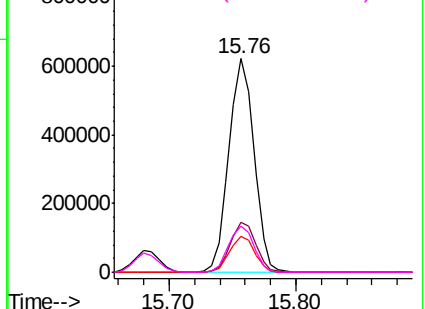
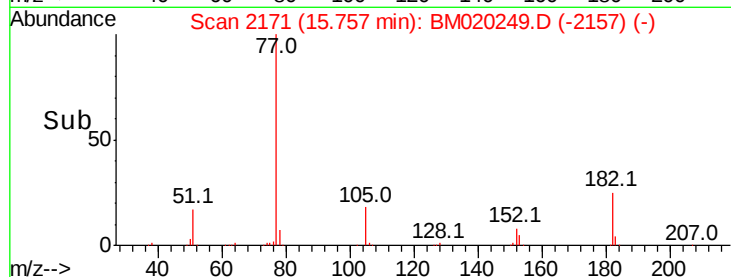


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

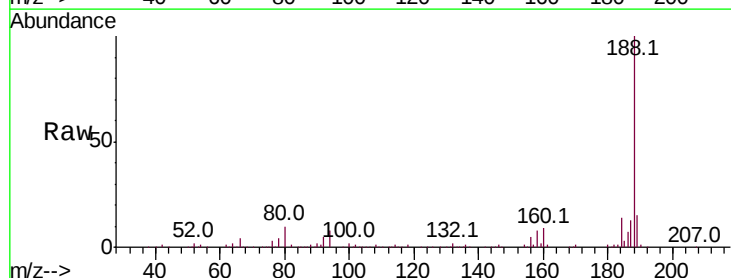
Tgt Ion: 188 Resp: 575304

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

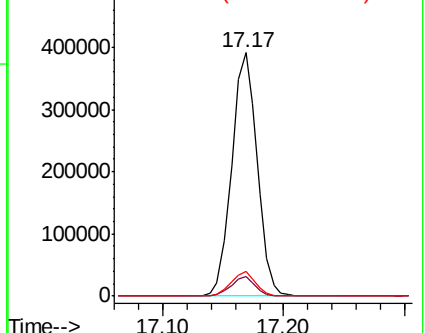
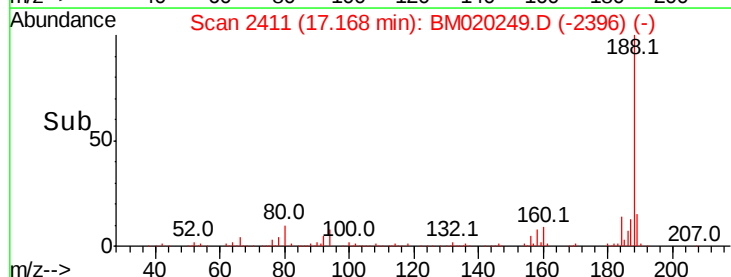
80 10.0 7.4 11.2

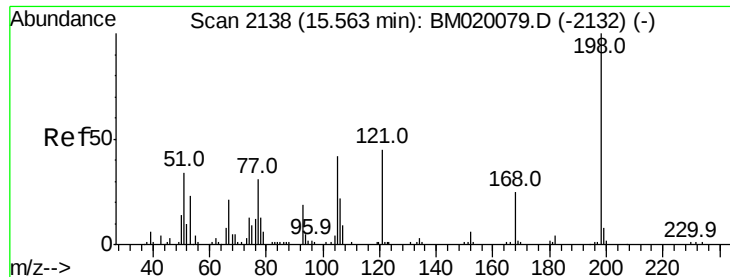


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

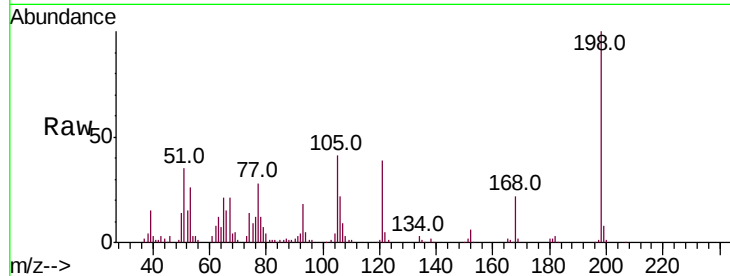




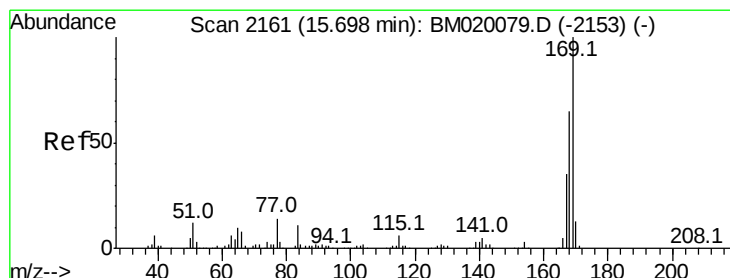
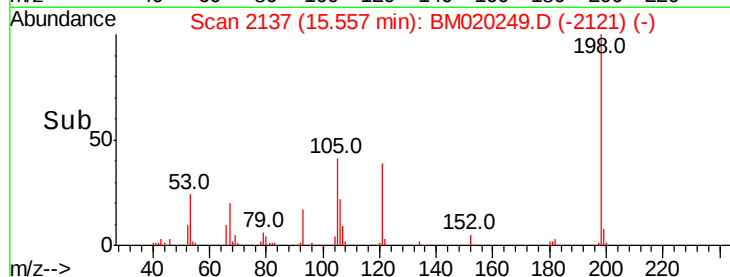
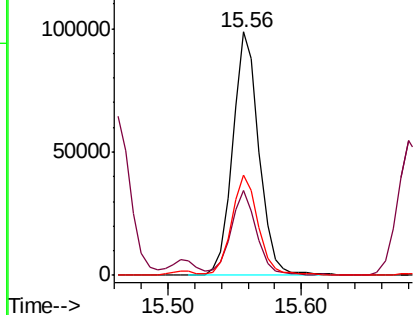
#65
4,6-Dinitro-2-methylphenol
Concen: 46.979 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Instrument :
BNA_M
ClientSampleId :
PB119597BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	16.5	56.5
105	41.2	22.8	62.8

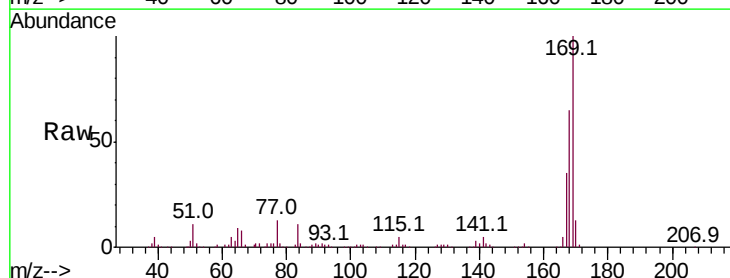


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

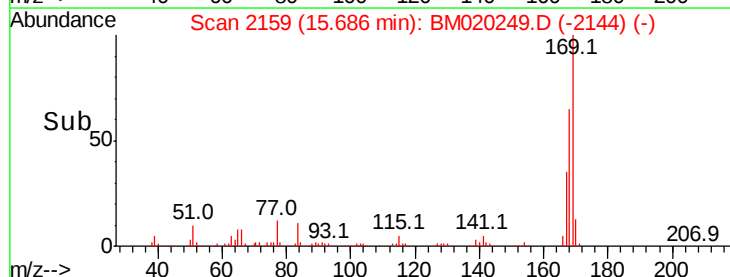
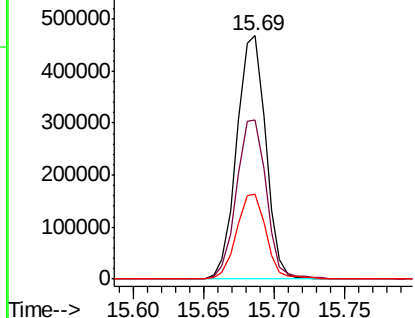


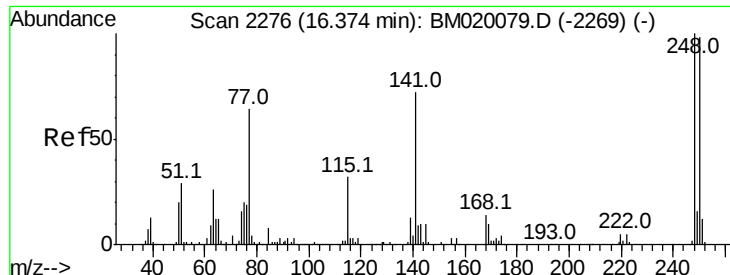
#66
n-Nitrosodiphenylamine
Concen: 39.778 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.4	51.9	77.9
167	35.0	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

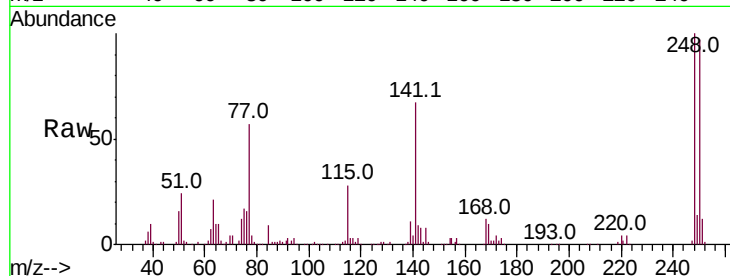




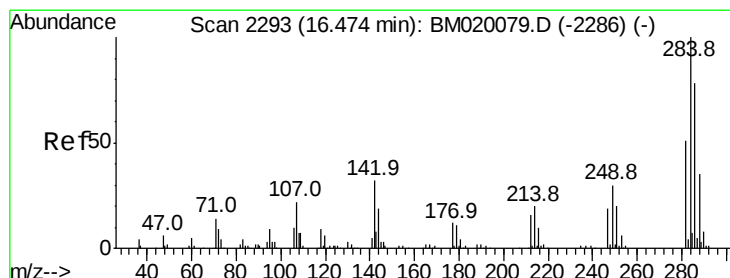
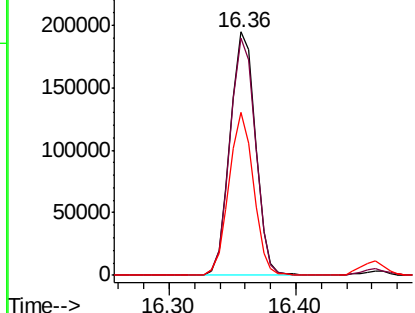
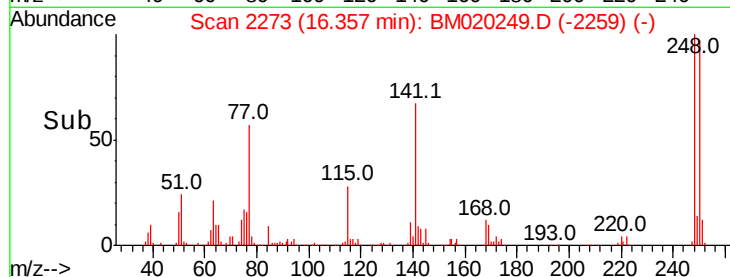
#67
 4-Bromophenyl-phenylether
 Concen: 38.249 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleID :
 PB119597BS

Tot Ion:248 Resp: 269839
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.4 117.6
 141 66.8 57.4 86.2

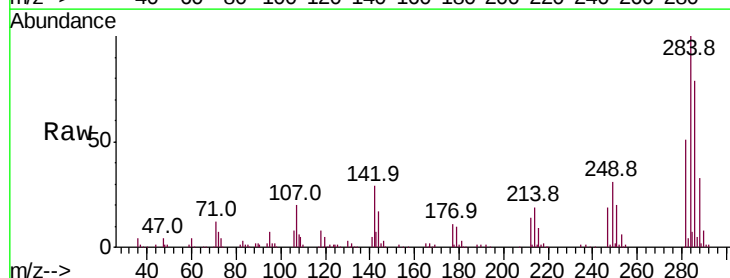


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

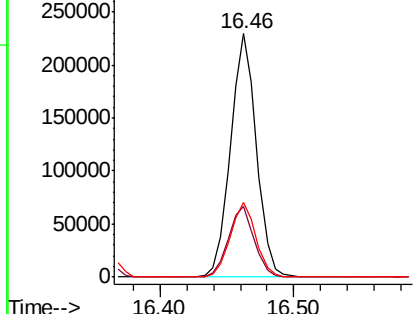
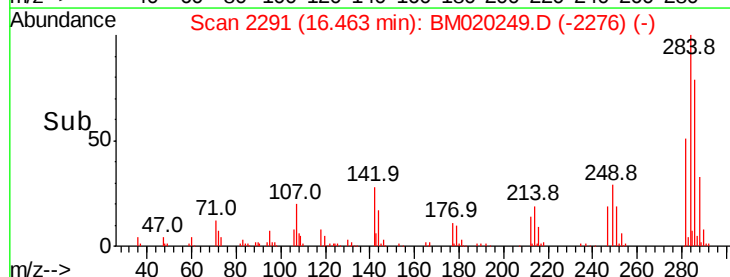


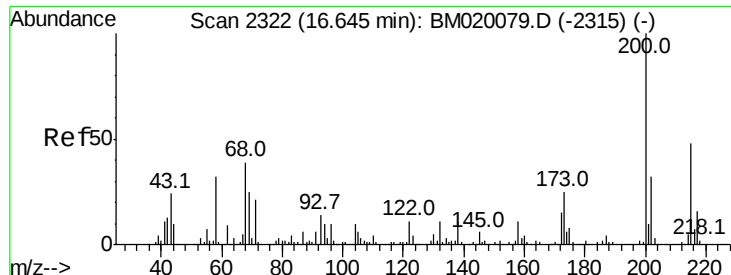
#68
 Hexachlorobenzene
 Concen: 38.185 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion:284 Resp: 309995
 Ion Ratio Lower Upper
 284 100
 142 28.9 25.2 37.8
 249 30.9 23.6 35.4



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

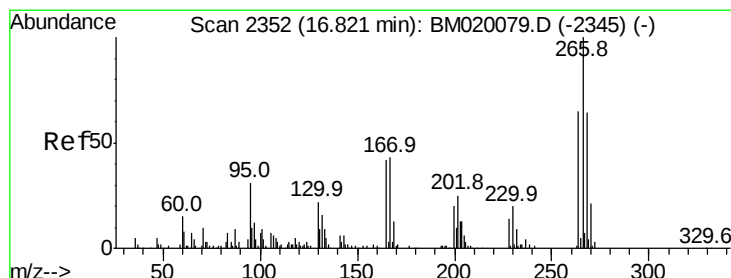
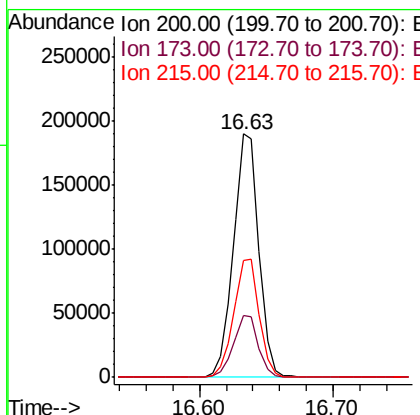
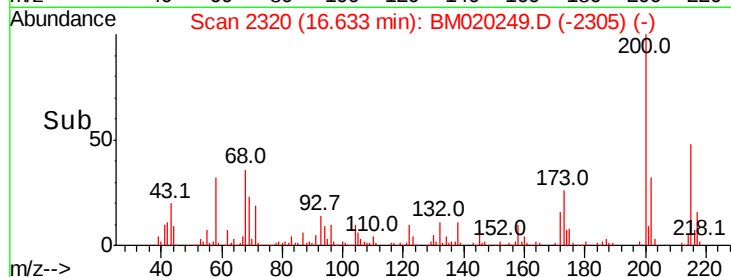
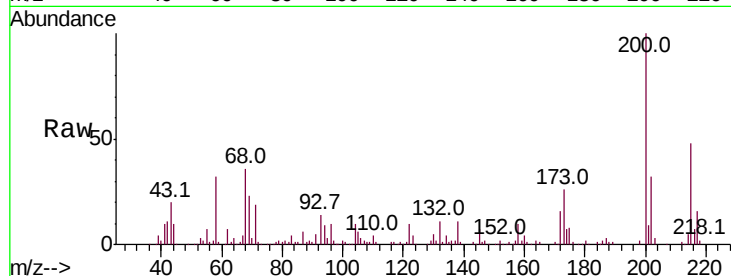




#69
Atrazine
Concen: 38.076 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

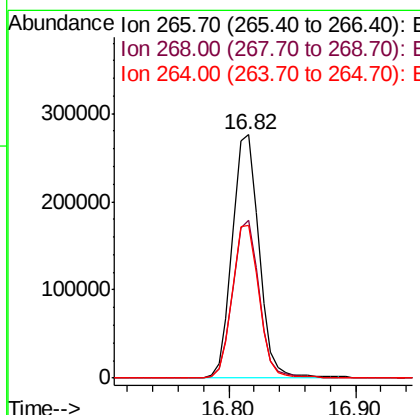
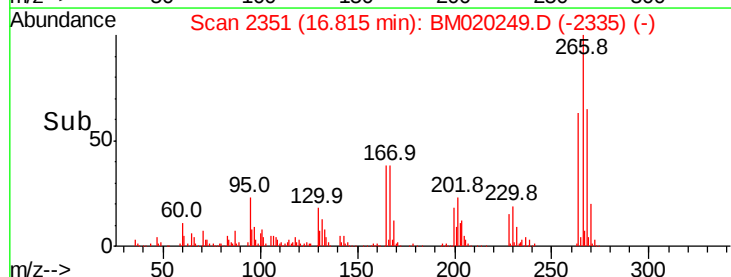
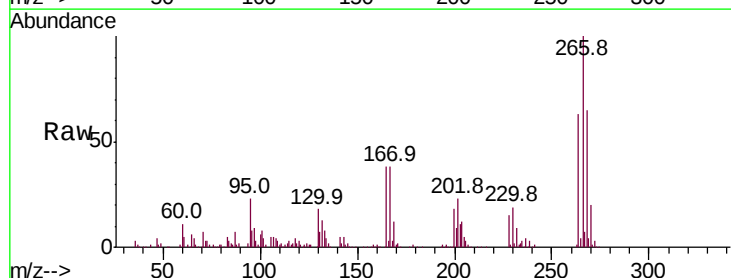
Instrument :
BNA_M
ClientSampleId :
PB119597BS

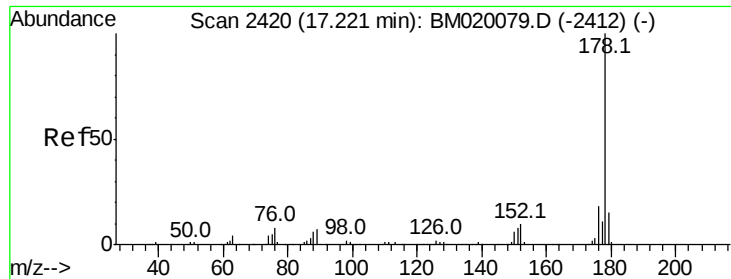
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.6	44.6
215	48.0	28.0	68.0



#70
Pentachlorophenol
Concen: 86.731 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.4	77.0
264	62.9	52.0	78.0

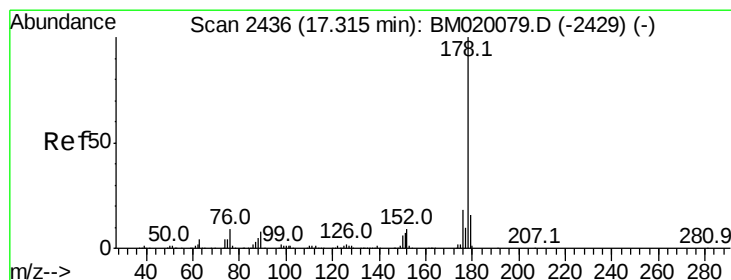
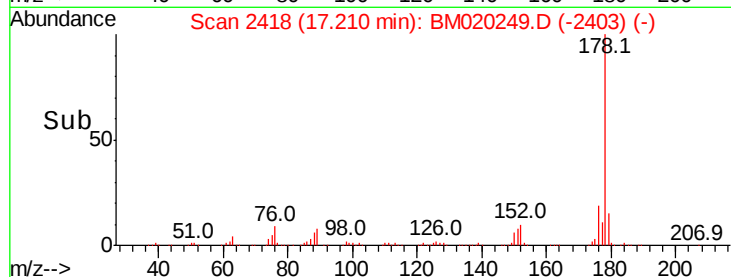
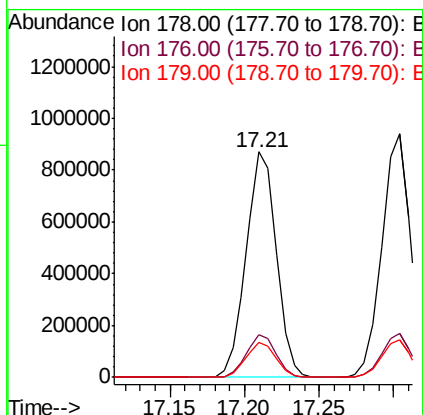
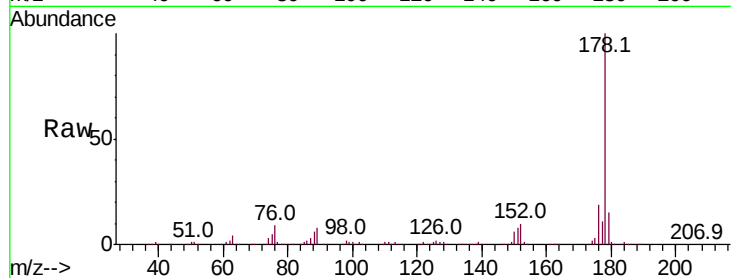




#71
Phenanthrene
Concen: 38.332 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

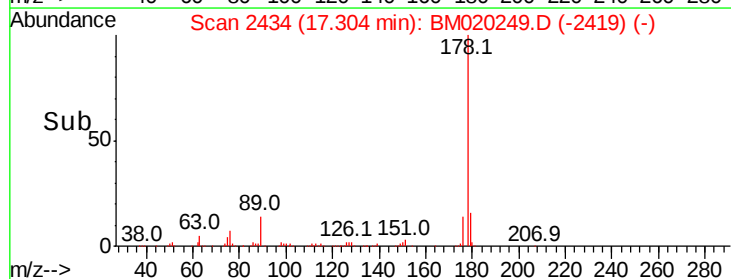
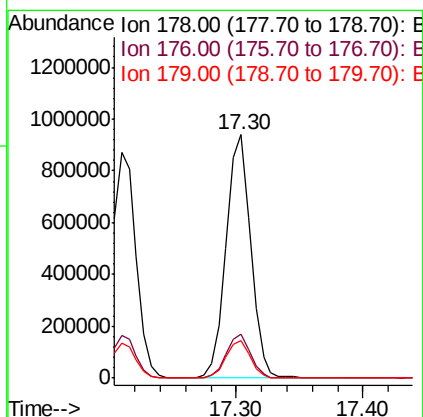
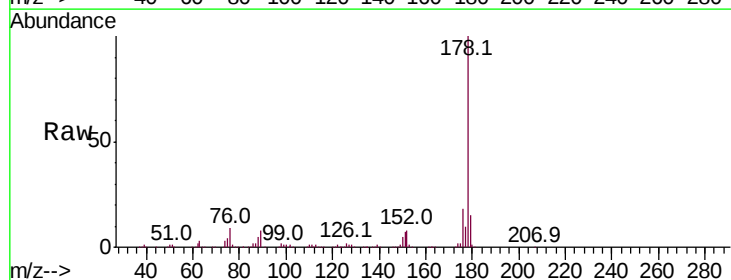
Instrument :
BNA_M
ClientSampleId :
PB119597BS

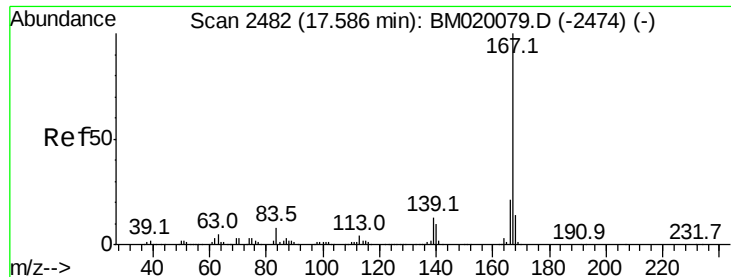
Tot Ion:178 Resp: 1217325
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.536 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:178 Resp: 1255326
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.3 12.4 18.6



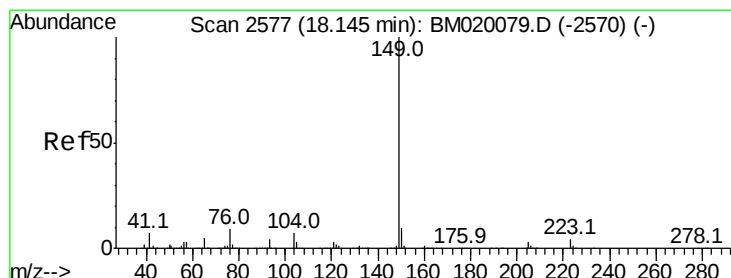
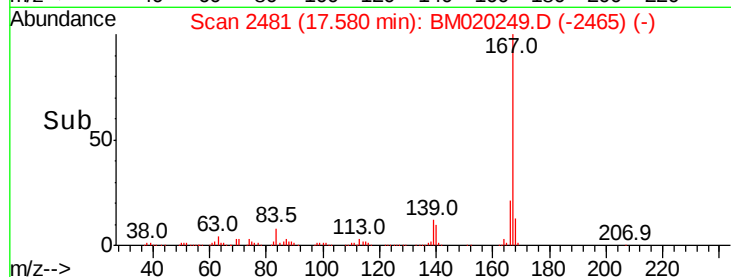
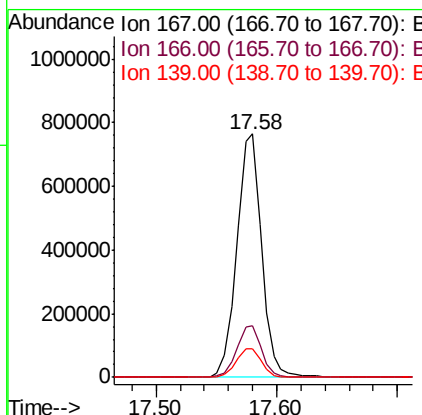
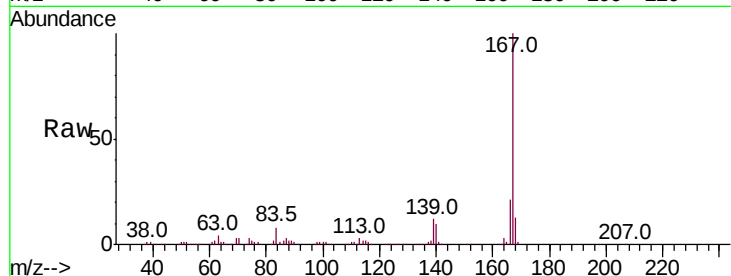


#73
 Carbazole
 Concen: 38.194 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119597BS

Tot Ion:167 Resp: 1094247

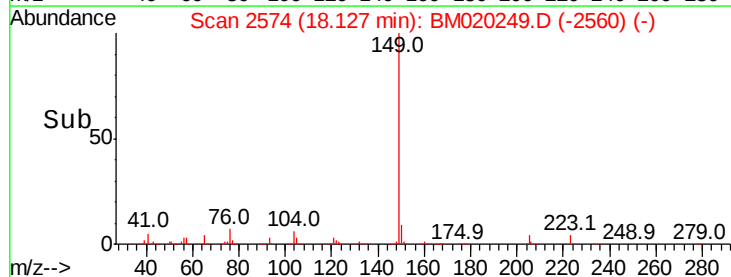
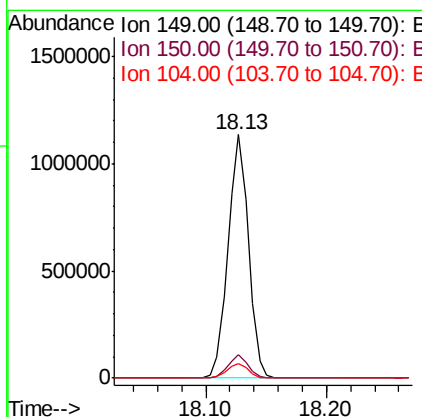
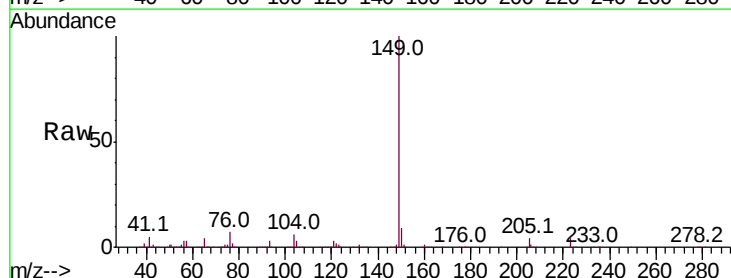
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.0	10.6	16.0

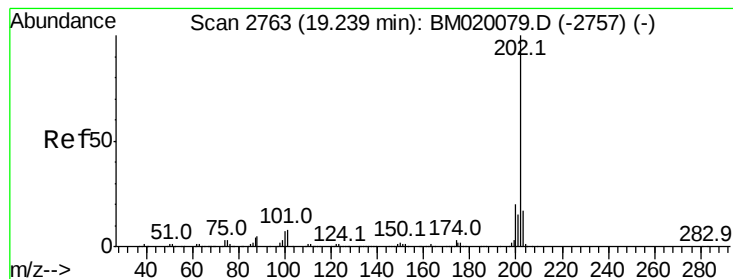


#74
 Di-n-butylphthalate
 Concen: 38.696 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020249.D
 Acq: 10 May 2019 21:18

Tgt Ion:149 Resp: 1334196

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	6.0	5.7	8.5





#75

Fluoranthene

Concen: 38.094 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

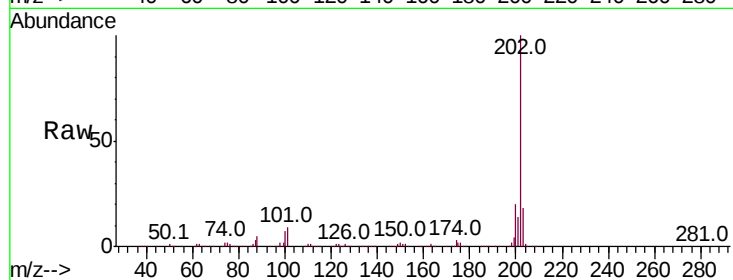
Tot Ion:202 Resp: 1530652

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.4

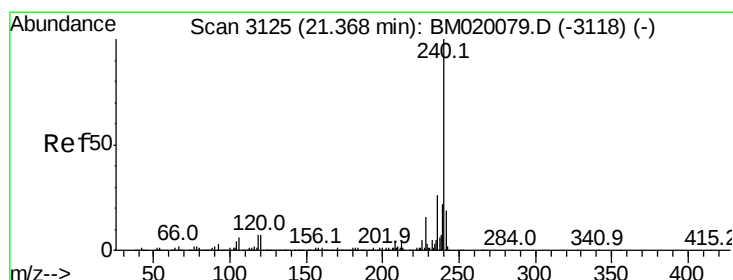
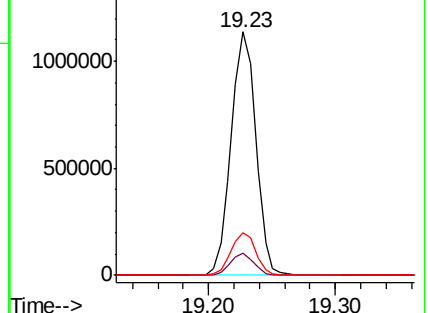
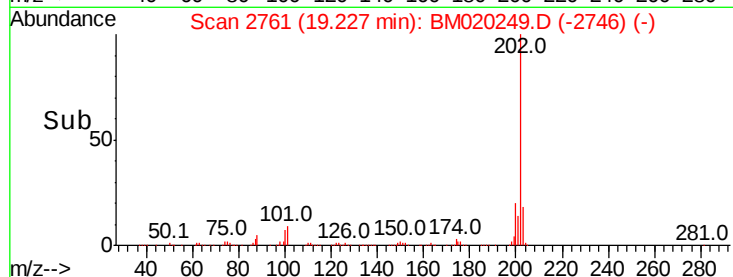
203 17.5 0.0 37.4



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# 3123

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

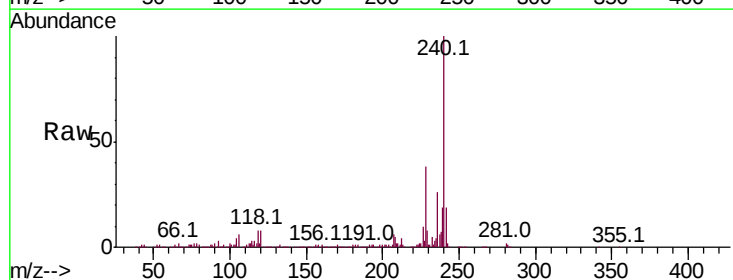
Tgt Ion:240 Resp: 584581

Ion Ratio Lower Upper

240 100

120 7.8 5.6 8.4

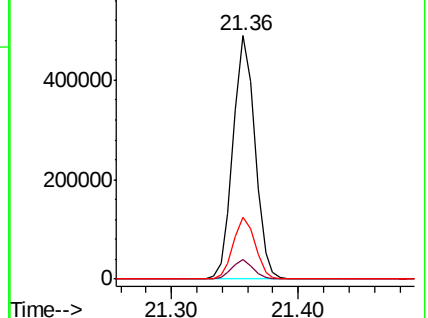
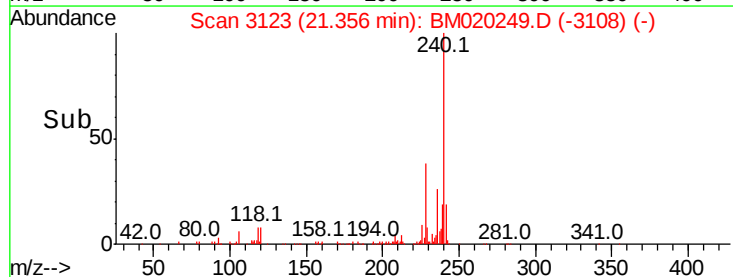
236 25.6 20.9 31.3

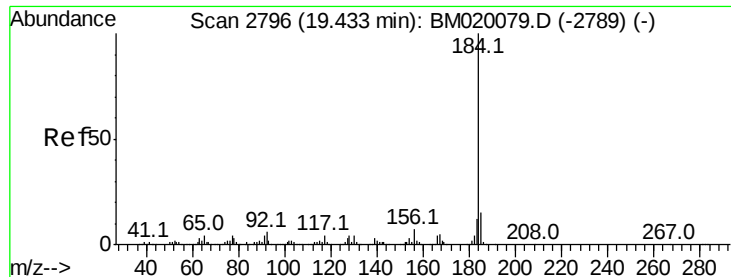


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.829 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

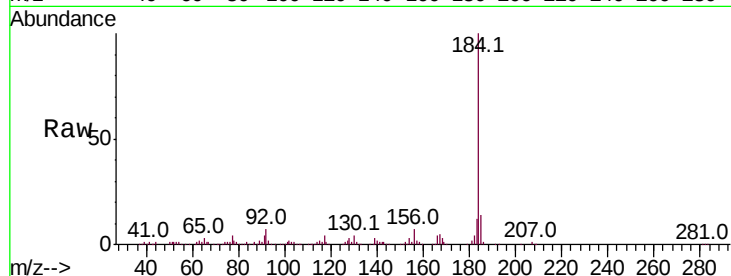
Tot Ion:184 Resp: 576174

Ion Ratio Lower Upper

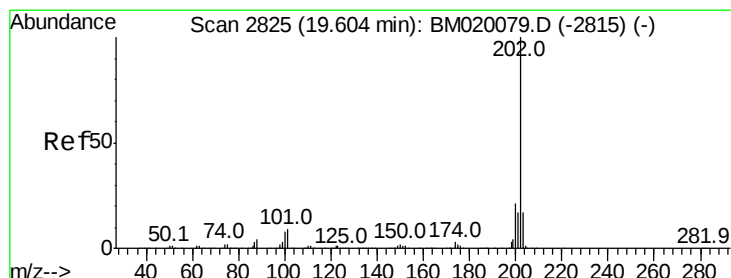
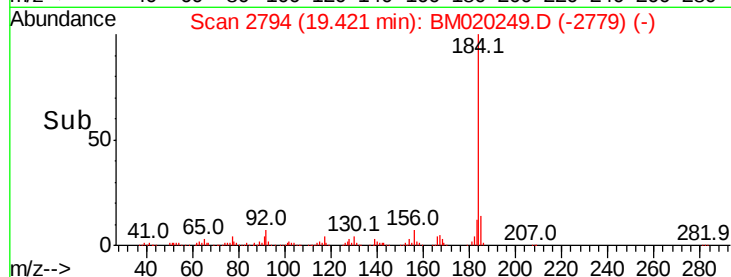
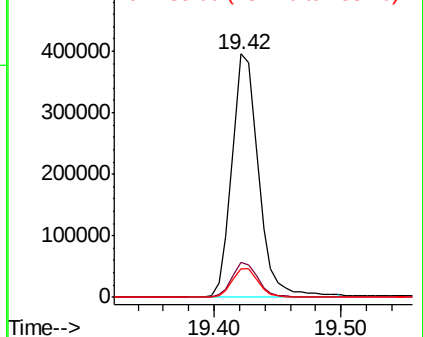
184 100

185 14.2 12.0 18.0

183 11.6 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.968 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

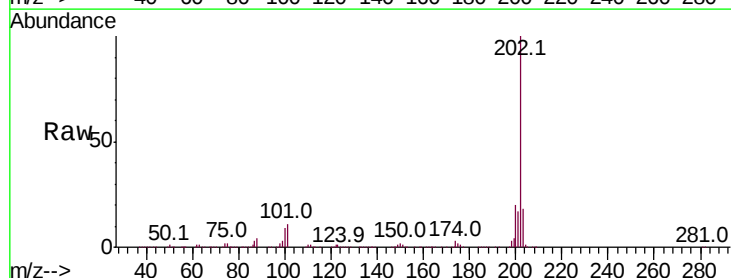
Tgt Ion:202 Resp: 1568679

Ion Ratio Lower Upper

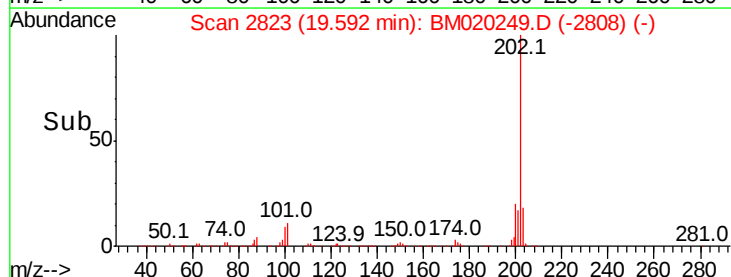
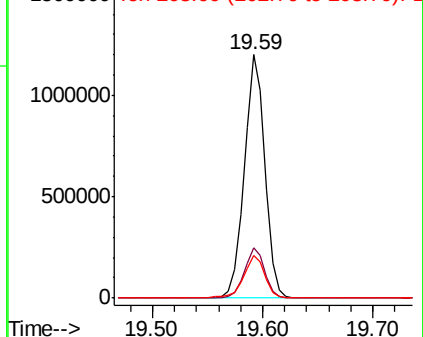
202 100

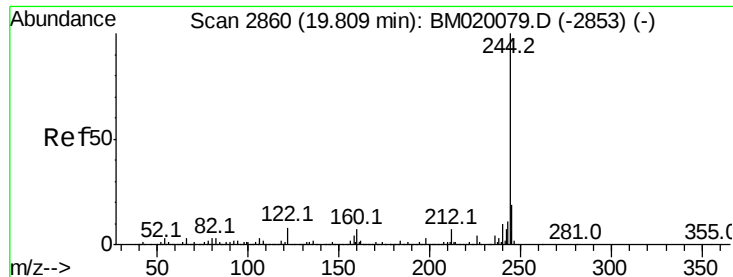
200 20.5 16.5 24.7

203 17.8 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: 79.152 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

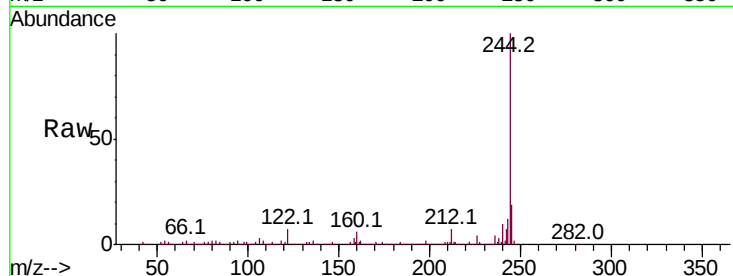
Tot Ion:244 Resp: 2652807

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	7.5	6.2	9.2

244 100

212 6.6 5.7 8.5

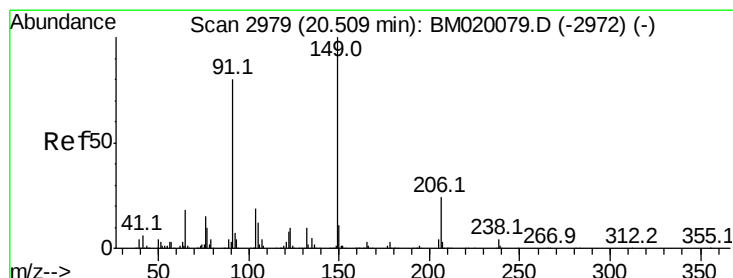
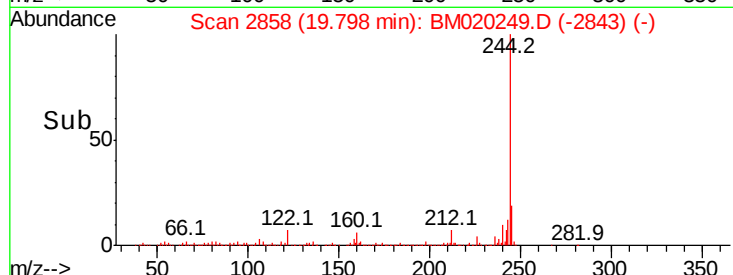
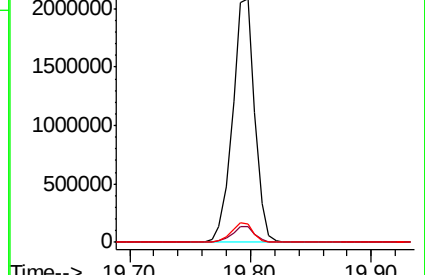
122 7.5 6.2 9.2



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: 44.822 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

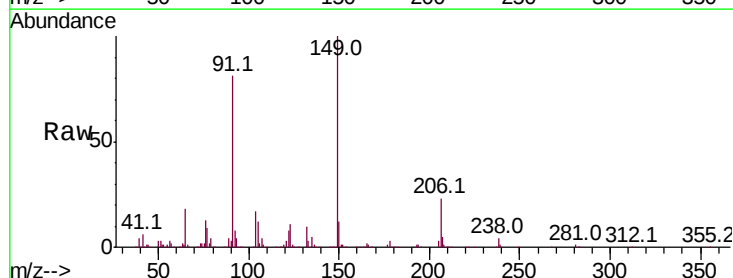
Tgt Ion:149 Resp: 639734

Ion	Ratio	Lower	Upper
149	100		
91	80.6	63.8	95.8
206	23.1	18.9	28.3

149 100

91 80.6 63.8 95.8

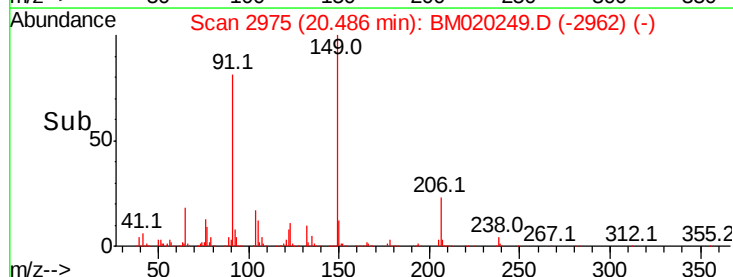
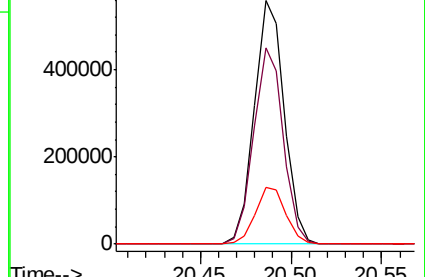
206 23.1 18.9 28.3

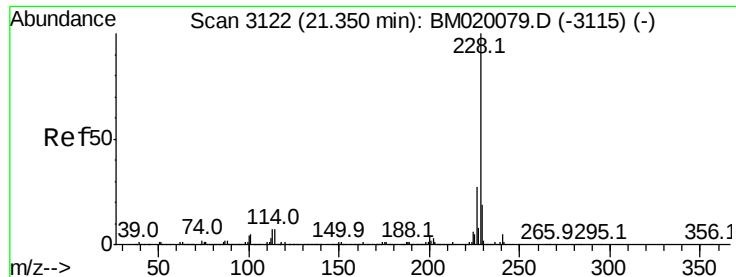


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

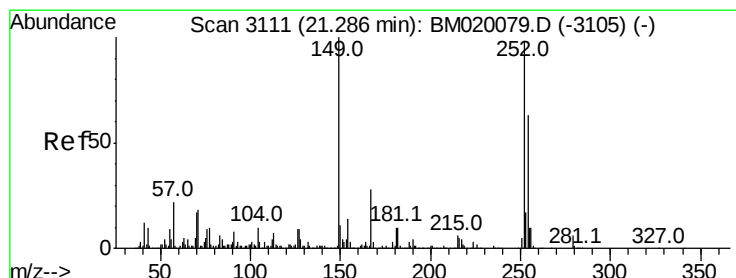
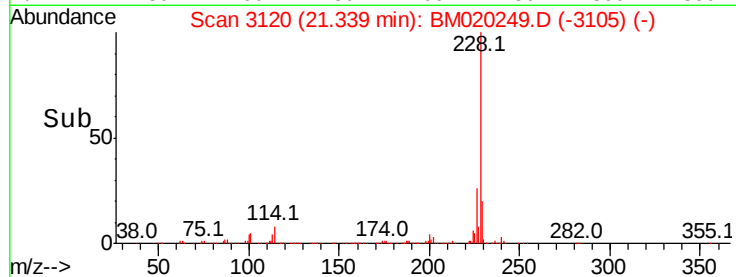
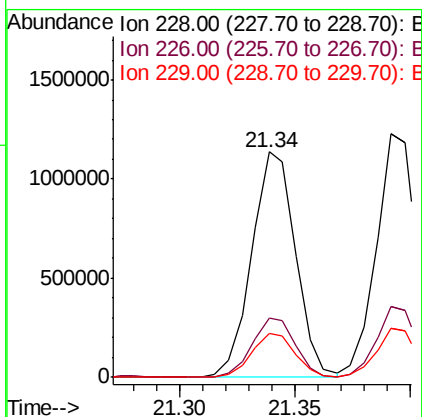
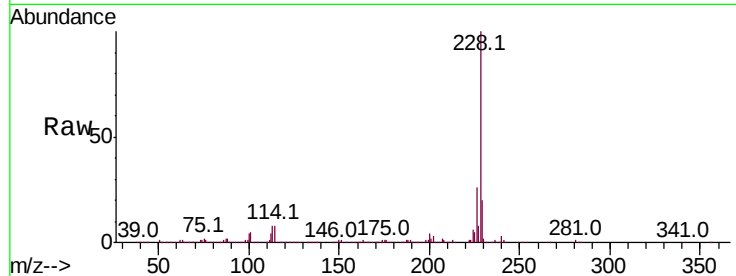




#81
Benzo(a)anthracene
Concen: 36.659 ng
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

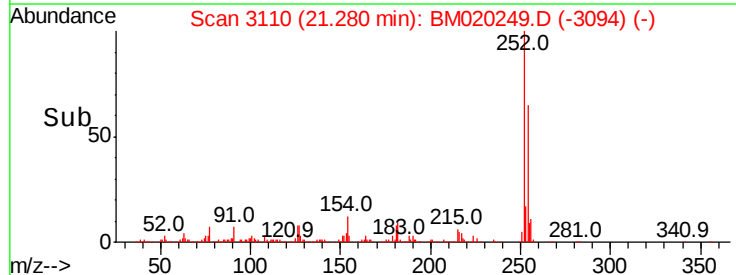
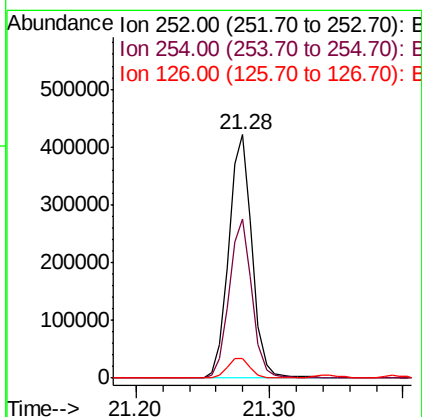
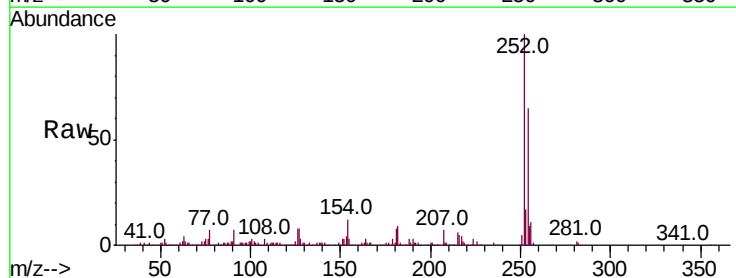
Instrument :
BNA_M
ClientSampleId :
PB119597BS

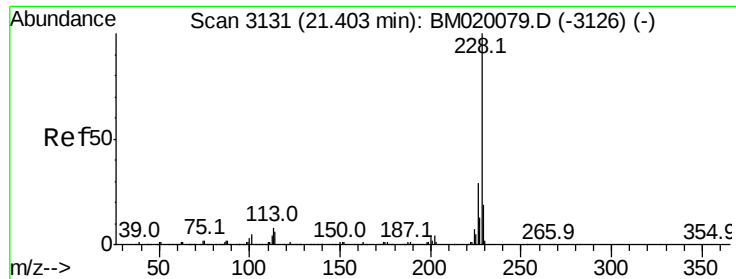
Tot Ion:228 Resp: 1502899
Ion Ratio Lower Upper
228 100
226 26.2 21.3 31.9
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 32.929 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:252 Resp: 515239
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 7.8 7.1 10.7





#83

Chrysene

Concen: 37.788 ng

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

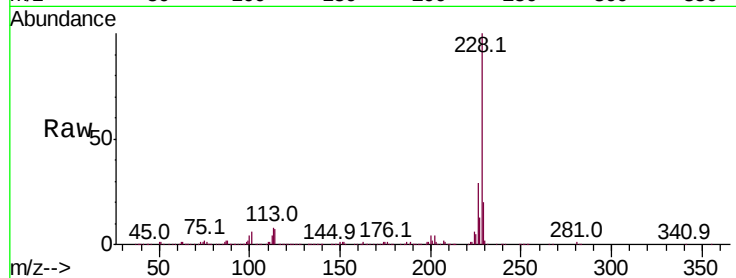
BNA_M

ClientSampleId :

PB119597BS

Tot Ion:228 Resp: 1502427

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.0	15.5	23.3

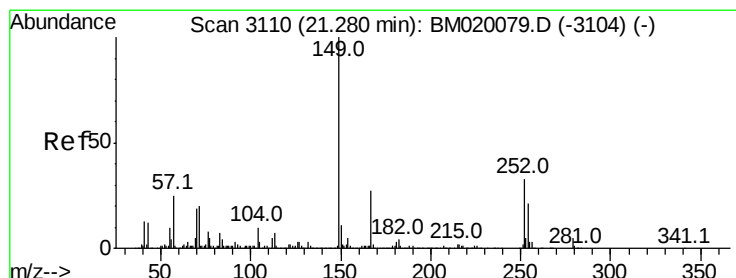
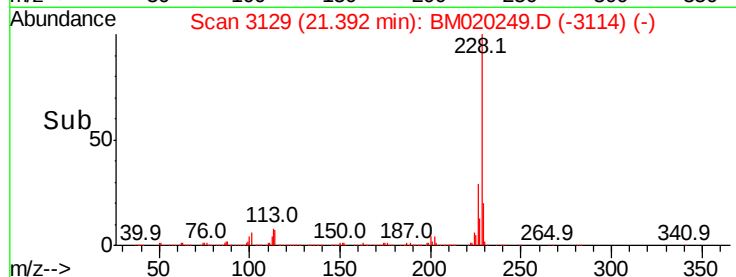
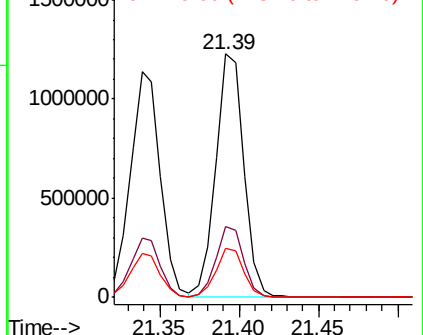


Abundance

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: 41.464 ng

RT: 21.26 min Scan# 3106

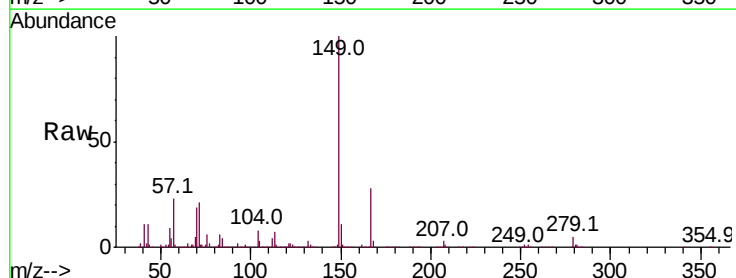
Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Tgt Ion:149 Resp: 918323

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	5.2	4.2	6.2

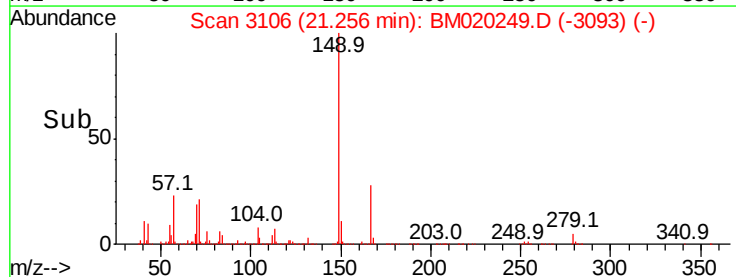
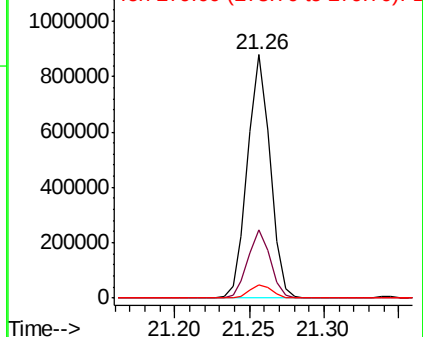


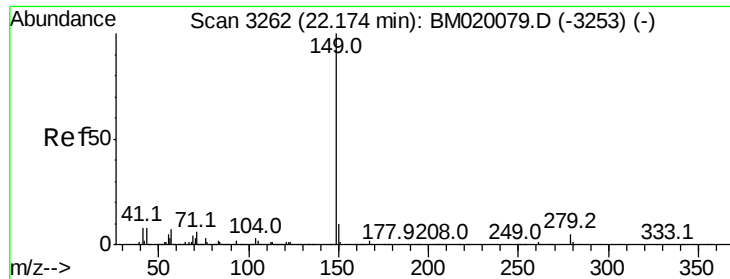
Abundance

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: 41.654 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

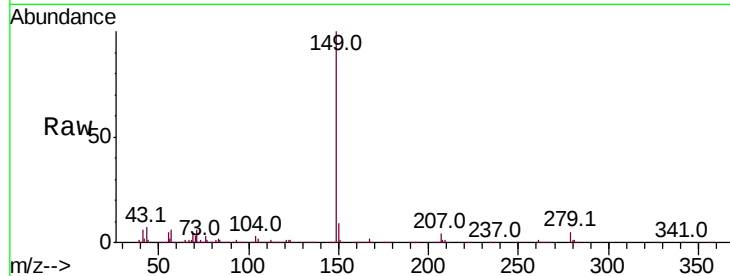
Tot Ion:149 Resp: 1533314

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	6.5	9.7

149 100

167 1.6 1.3 1.9

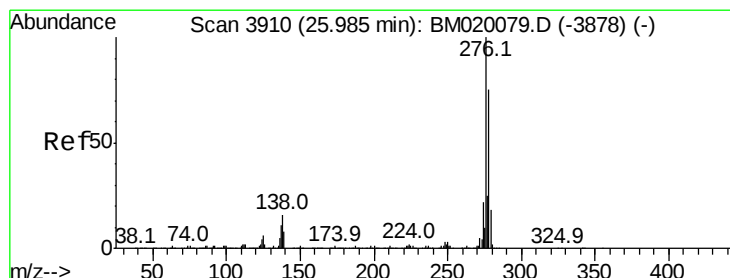
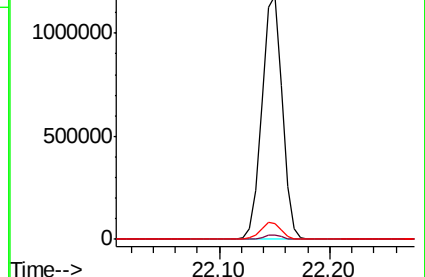
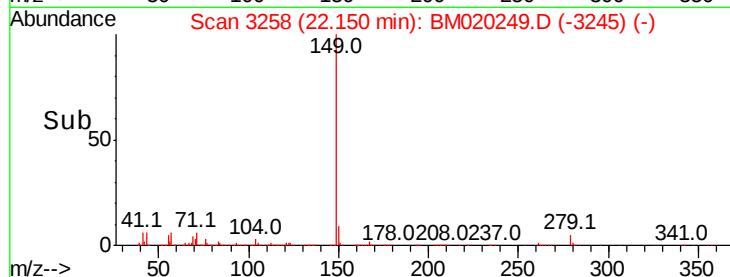
43 6.8 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.992 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

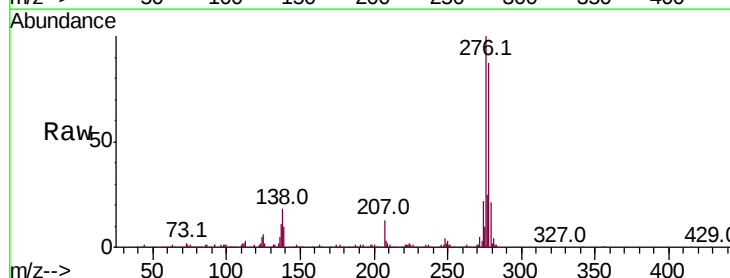
Tgt Ion:276 Resp: 1323810

Ion	Ratio	Lower	Upper
276	100		
138	17.3	0.0	0.0#
277	25.3	0.0	0.0#

276 100

138 17.3 0.0 0.0#

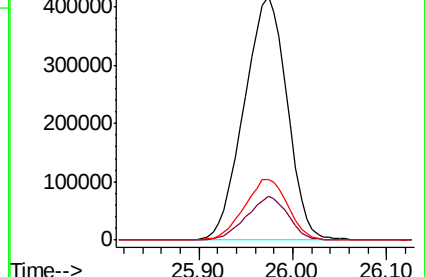
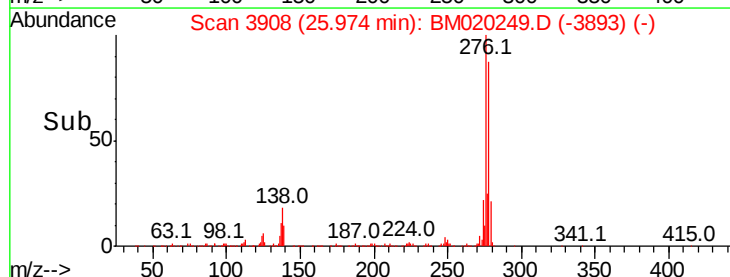
277 25.3 0.0 0.0#

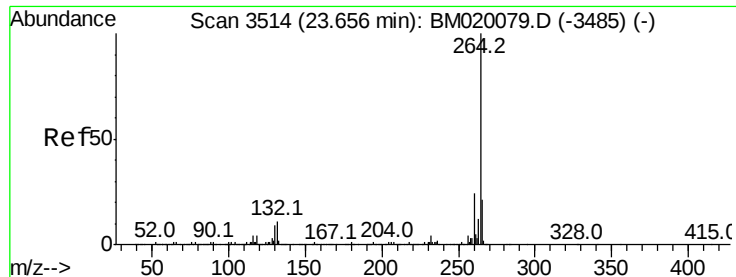


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

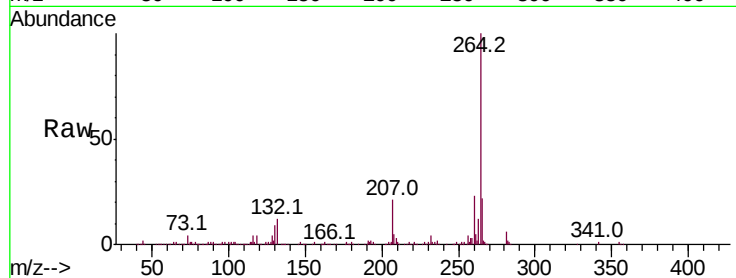
Tot Ion:264 Resp: 469683

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

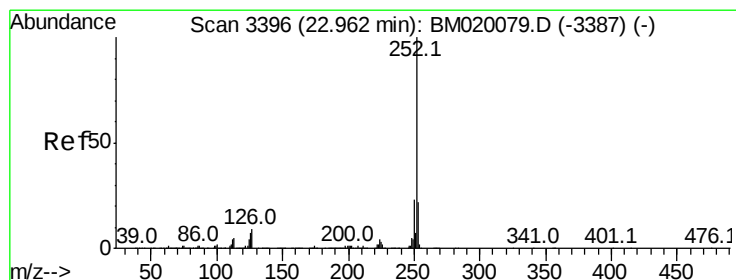
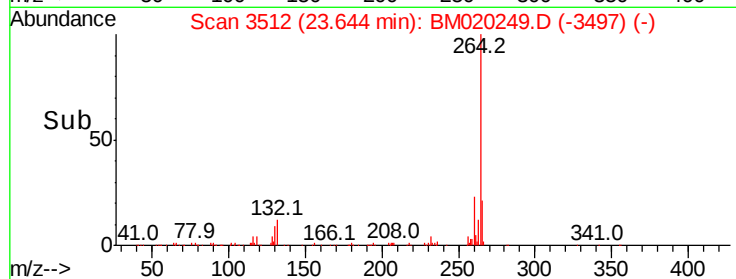
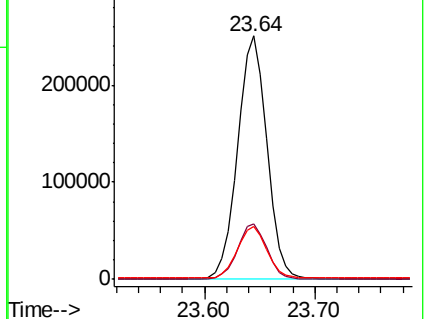
265 21.9 16.9 25.3



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: 45.366 ng

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

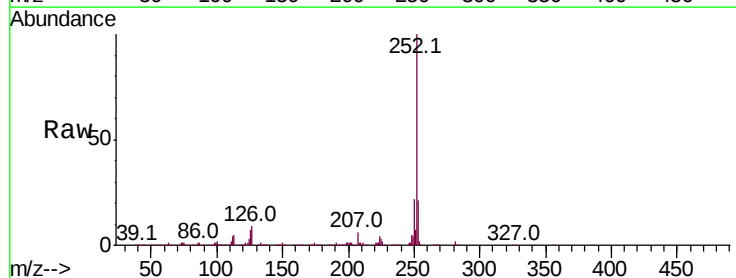
Tgt Ion:252 Resp: 1407032

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

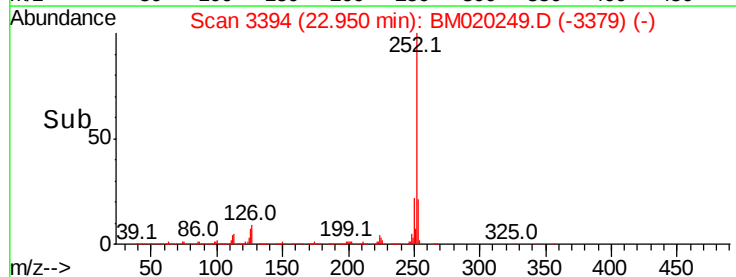
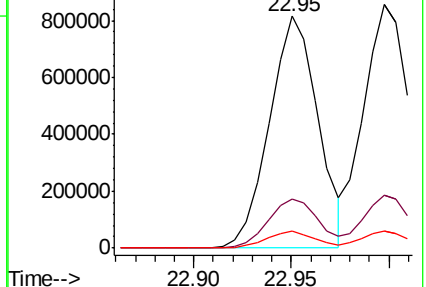
125 7.1 5.4 8.2

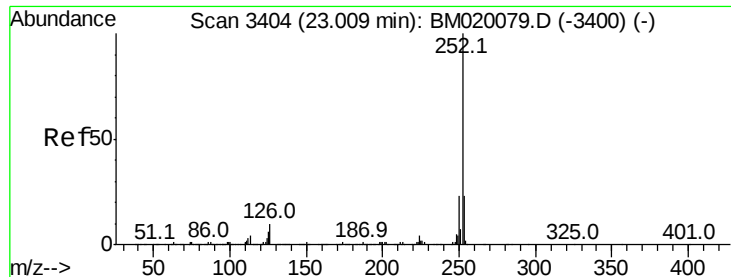


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

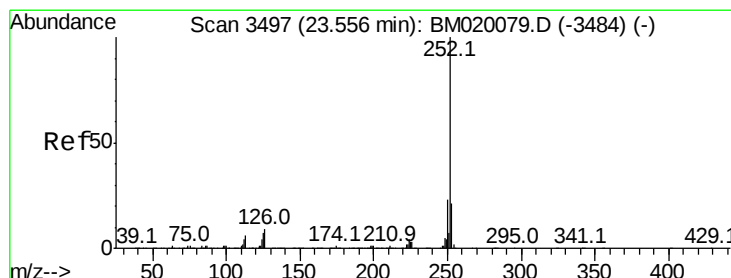
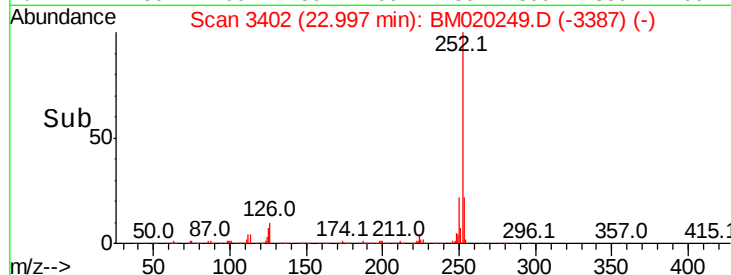
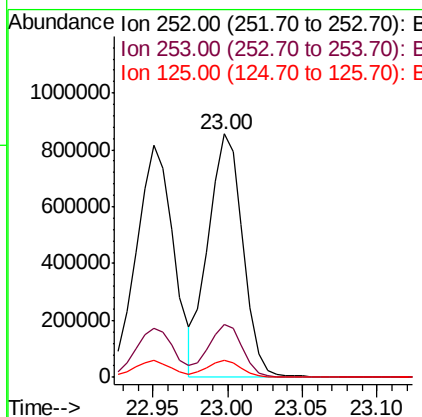
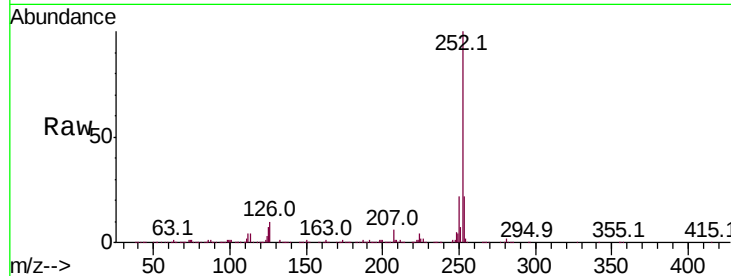




#89
Benzo(k)fluoranthene
Concen: 48.643 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

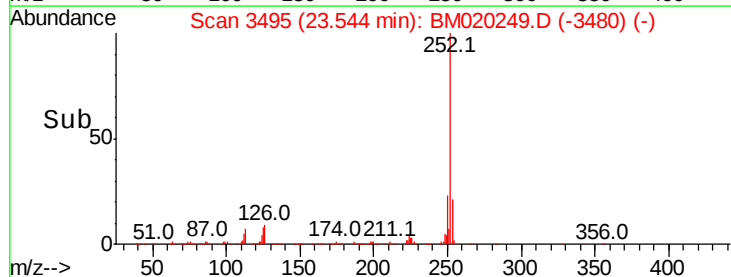
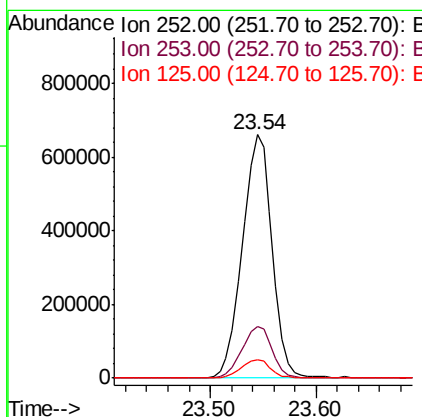
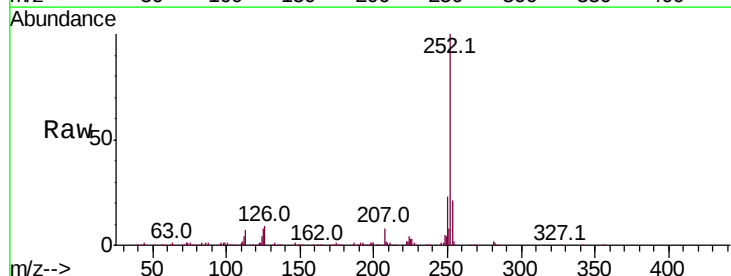
Instrument :
BNA_M
ClientSampleId :
PB119597BS

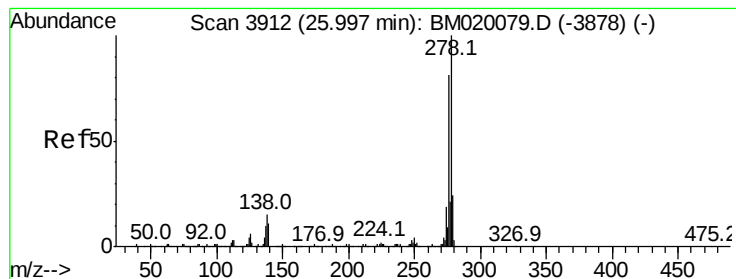
Tot Ion:252 Resp: 1376185
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.2 5.4 8.0



#90
Benzo(a)pyrene
Concen: 45.580 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020249.D
Acq: 10 May 2019 21:18

Tgt Ion:252 Resp: 1284093
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 7.7 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 39.262 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

Instrument :

BNA_M

ClientSampleId :

PB119597BS

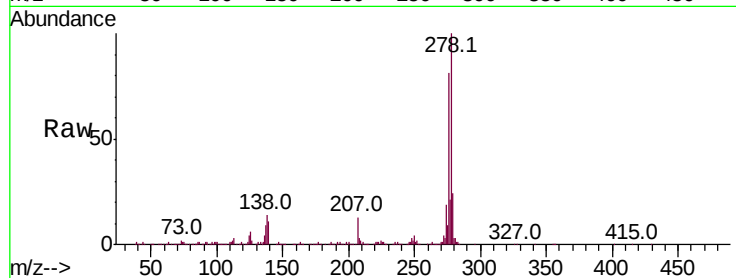
Tot Ion:278 Resp: 1150293

Ion Ratio Lower Upper

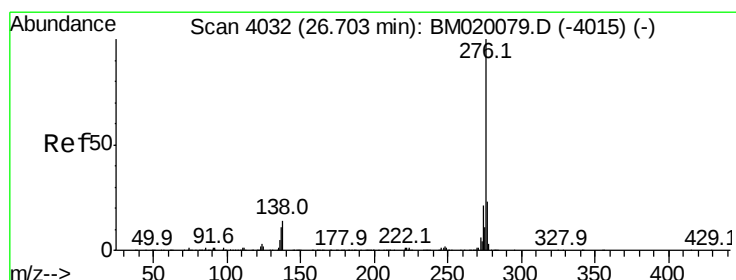
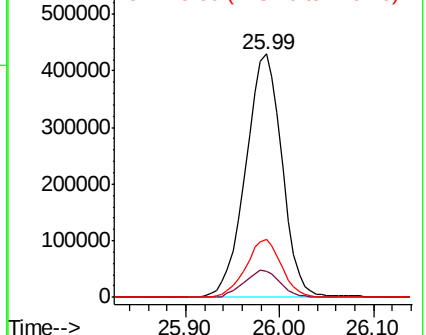
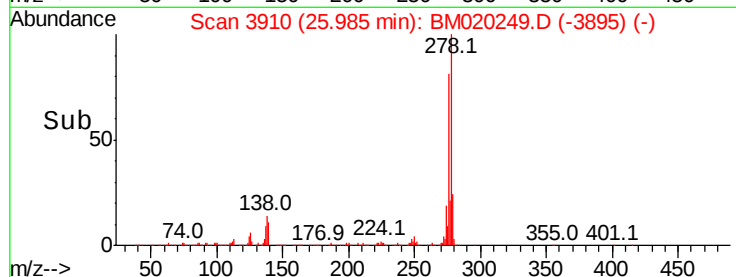
278 100

139 10.7 8.6 13.0

279 23.7 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.444 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020249.D

Acq: 10 May 2019 21:18

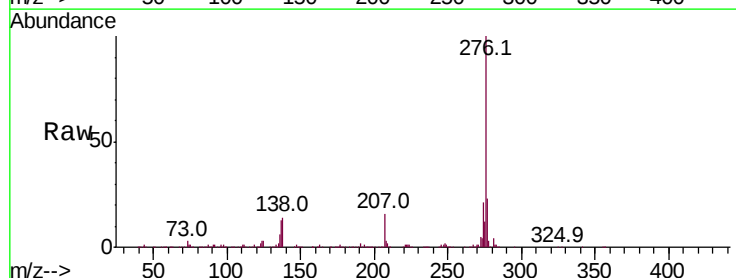
Tgt Ion:276 Resp: 1069347

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 14.2 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

