

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020736.D
 Acq On : 05 Jun 2019 14:55
 Operator : HP/JU
 Sample : PB120038BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Quant Time: Jun 05 18:24:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	331284	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1307765	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	694979	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1333744	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1053080	20.00	ng	0.00
87) Perylene-d12	23.67	264	1210729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2630263	139.66	ng	0.00
7) Phenol-d6	6.99	99	3461324	124.82	ng	0.00
23) Nitrobenzene-d5	8.99	82	2063904	81.77	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1187213	137.88	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4664361	89.23	ng	0.00
79) Terphenyl-d14	19.83	244	5081039	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	308545	40.016	ng	98
3) Pyridine	3.74	79	880592	35.895	ng	99
4) n-Nitrosodimethylamine	3.66	42	387128	36.607	ng	98
6) Aniline	7.16	93	1176825	29.329	ng	98
8) 2-Chlorophenol	7.39	128	1029329	43.934	ng	99
9) Benzaldehyde	6.97	77	305255	15.226	ng	99
10) Phenol	7.02	94	1265595	42.350	ng	100
11) bis(2-Chloroethyl)ether	7.25	93	913029	38.336	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1066188	39.596	ng	100
13) 1,4-Dichlorobenzene	7.86	146	1077942	39.379	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1038119	38.970	ng	100
15) Benzyl Alcohol	8.06	79	905924	36.928	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1235545	33.602	ng	100
17) 2-Methylphenol	8.26	107	840871	40.014	ng	99
18) Hexachloroethane	8.89	117	388672	37.086	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	756343	33.930	ng	99
20) 3+4-Methylphenols	8.59	107	1115604	39.019	ng	98
22) Acetophenone	8.65	105	1420142	42.747	ng	# 99
24) Nitrobenzene	9.03	77	1112345	43.169	ng	100
25) Isophorone	9.55	82	1974181	39.320	ng	99
26) 2-Nitrophenol	9.73	139	490045	51.029	ng	97
27) 2,4-Dimethylphenol	9.79	122	900240	50.027	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1220389	40.200	ng	98
29) 2,4-Dichlorophenol	10.26	162	934182	46.921	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	1019312	44.525	ng	98
31) Naphthalene	10.66	128	2940657	43.727	ng	99
32) Benzoic acid	9.93	122	482977	43.214	ng	98
33) 4-Chloroaniline	10.77	127	472447	15.095	ng	99
34) Hexachlorobutadiene	10.94	225	594642	43.291	ng	99
35) Caprolactam	11.57	113	216164	31.253	ng	95
36) 4-Chloro-3-methylphenol	11.89	107	948271	40.966	ng	100
37) 2-Methylnaphthalene	12.27	142	2135052	42.832	ng	99
38) 1-Methylnaphthalene	12.49	142	2037024	42.918	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1109514	48.716	ng	99

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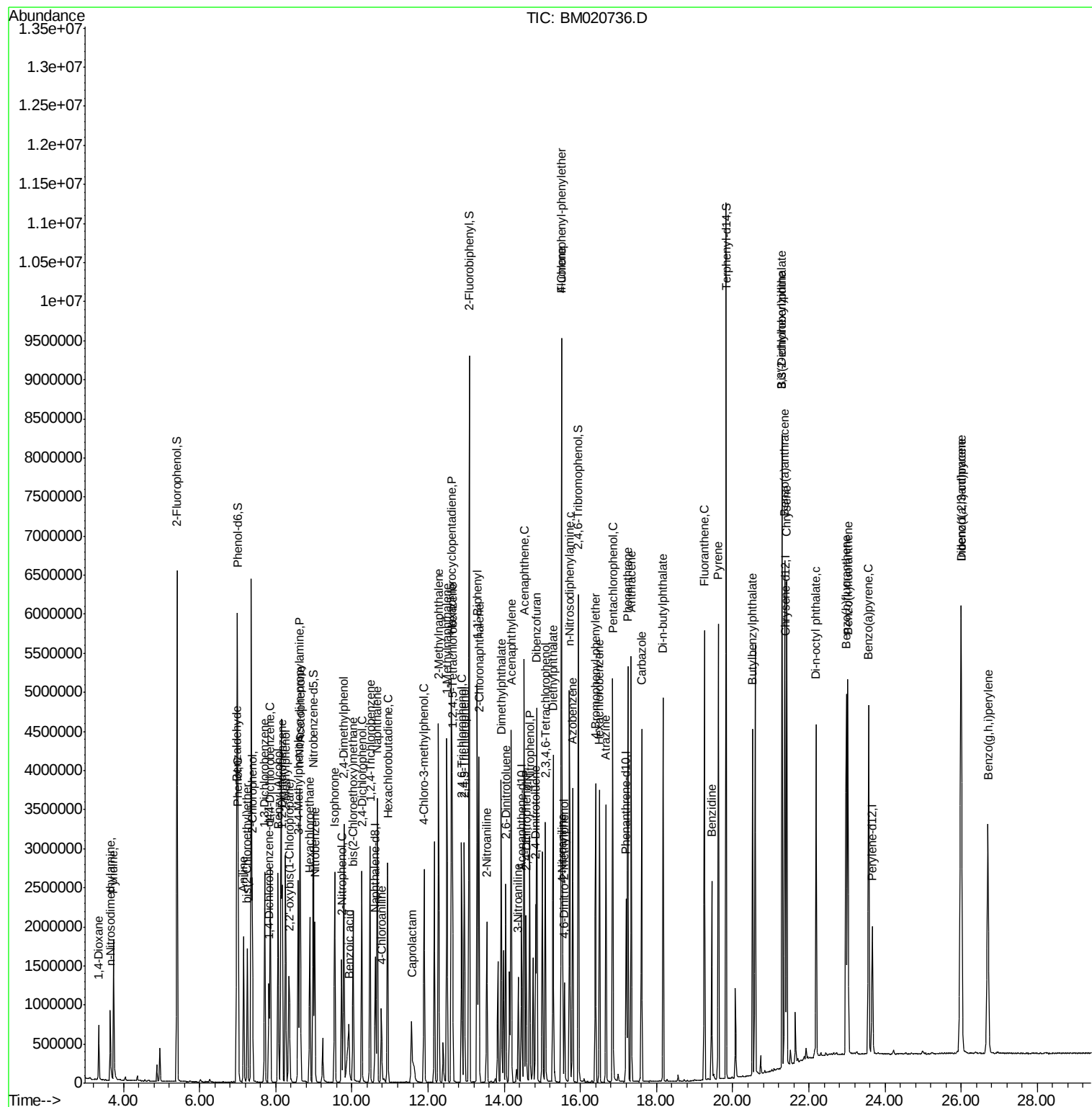
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1394653	102.389	ng	99
43) 2,4,6-Trichlorophenol	12.88	196	698978	47.680	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	739101	48.835	ng	98
46) 1,1'-Biphenyl	13.29	154	2645354	45.576	ng	99
47) 2-Chloronaphthalene	13.33	162	2064291	44.066	ng	99
48) 2-Nitroaniline	13.54	65	572326	38.926	ng	99
49) Acenaphthylene	14.18	152	3229204	44.179	ng	100
50) Dimethylphthalate	13.92	163	2434079	40.995	ng	100
51) 2,6-Dinitrotoluene	14.04	165	523429	43.416	ng	98
52) Acenaphthene	14.52	154	1875215	43.050	ng	100
53) 3-Nitroaniline	14.37	138	313754	23.316	ng	98
54) 2,4-Dinitrophenol	14.57	184	429502	82.554	ng	99
55) Dibenzofuran	14.86	168	2921229	43.180	ng	99
56) 4-Nitrophenol	14.67	139	800773	80.752	ng	97
57) 2,4-Dinitrotoluene	14.83	165	680826	42.175	ng	97
58) Fluorene	15.50	166	2316537	41.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	619491	46.973	ng	99
60) Diethylphthalate	15.29	149	2359415	38.529	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1223794	41.545	ng	99
62) 4-Nitroaniline	15.53	138	479673	33.610	ng	99
63) Azobenzene	15.79	77	2207870	37.607	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	263598	44.274	ng	99
66) n-Nitrosodiphenylamine	15.72	169	1971836	46.183	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	706106	44.965	ng	99
68) Hexachlorobenzene	16.50	284	816870	44.547	ng	98
69) Atrazine	16.67	200	615634	48.312	ng	99
70) Pentachlorophenol	16.85	266	898599	102.721	ng	100
71) Phenanthrene	17.25	178	3283945	43.438	ng	100
72) Anthracene	17.33	178	3310850	43.755	ng	99
73) Carbazole	17.61	167	2810767	40.934	ng	100
74) Di-n-butylphthalate	18.17	149	3433003	38.514	ng	100
75) Fluoranthene	19.26	202	3377626	40.174	ng	100
77) Benzidine	19.45	184	1374900	43.088	ng	100
78) Pyrene	19.62	202	3398489	42.054	ng	99
80) Butylbenzylphthalate	20.52	149	1286668	37.676	ng	99
81) Benzo(a)anthracene	21.37	228	3056002	41.672	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	907285	33.785	ng	100
83) Chrysene	21.42	228	3015929	43.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1784966	35.962	ng	100
85) Di-n-octyl phthalate	22.19	149	2888500	36.655	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4246316	59.542	ng	99
88) Benzo(b)fluoranthene	22.98	252	3384348	42.292	ng	99
89) Benzo(k)fluoranthene	23.03	252	3181547	40.684	ng	99
90) Benzo(a)pyrene	23.57	252	3284124	45.246	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3587114	50.940	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3527076	53.924	ng	99

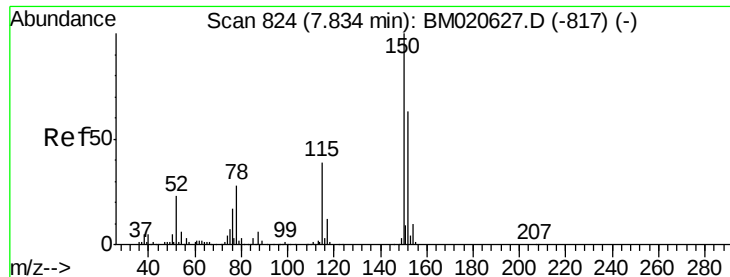
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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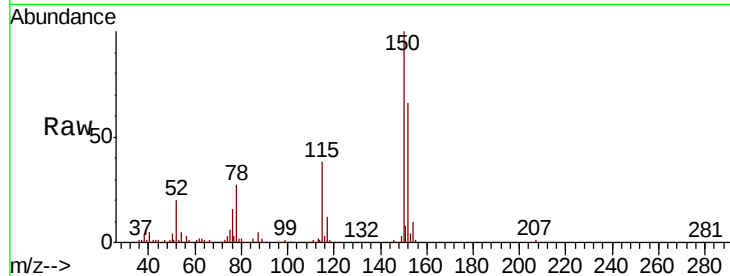


#1

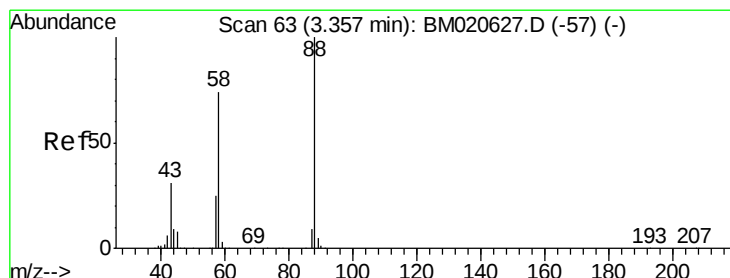
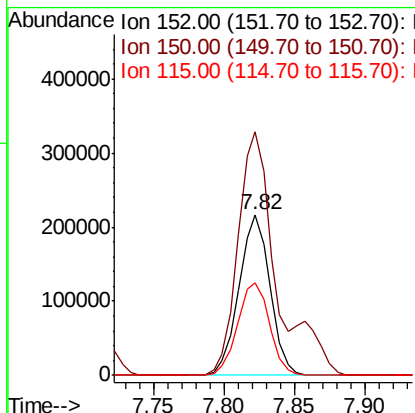
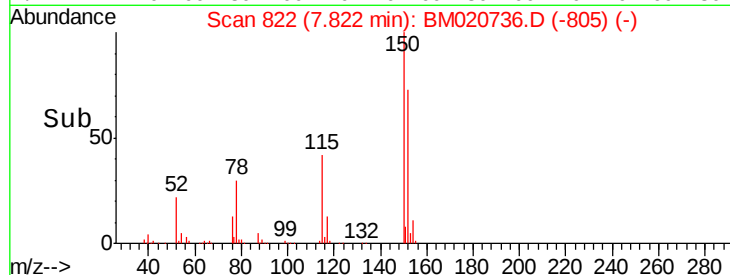
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

Tot Ion:152 Resp: 331284
 Ion Ratio Lower Upper
 152 100
 150 151.5 124.0 186.0
 115 57.6 47.0 70.6



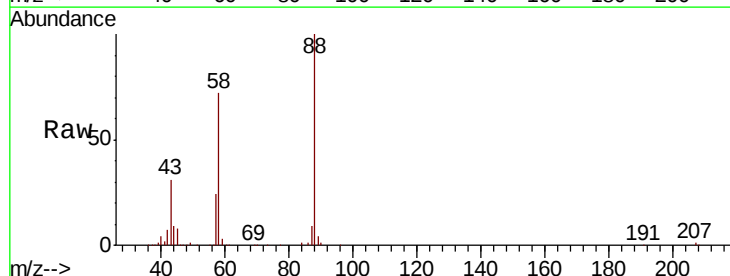
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



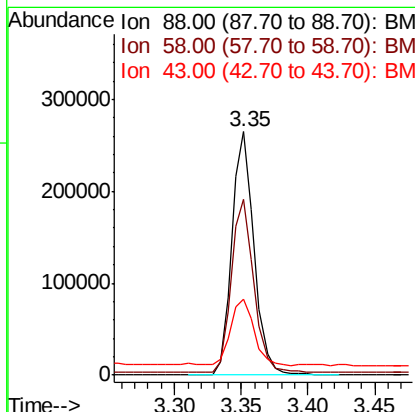
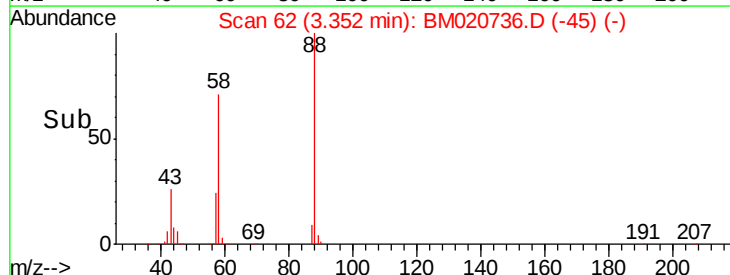
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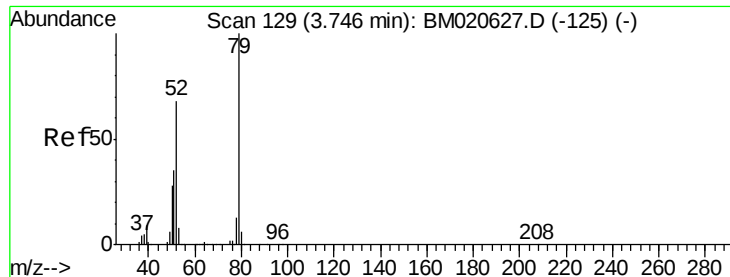
1,4-Dioxane
 Concen: 40.016 ng
 RT: 3.35 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion: 88 Resp: 308545
 Ion Ratio Lower Upper
 88 100
 58 72.2 57.2 85.8
 43 28.0 24.2 36.4



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





#3

Pvridine

Concen: 35.895 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

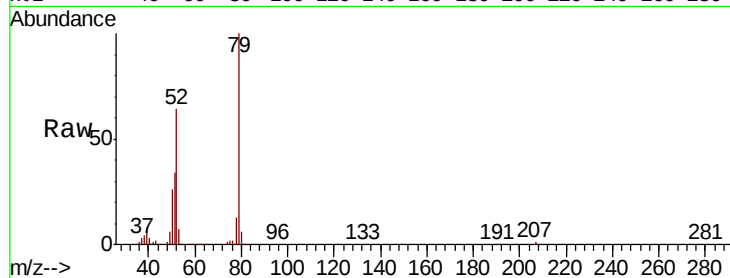
Tot Ion: 79 Resp: 880592

Ion Ratio Lower Upper

79 100

52 64.4 52.0 78.0

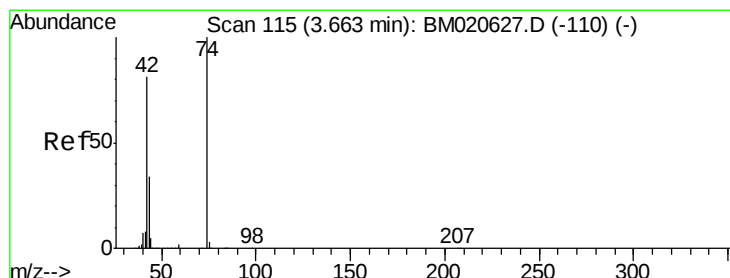
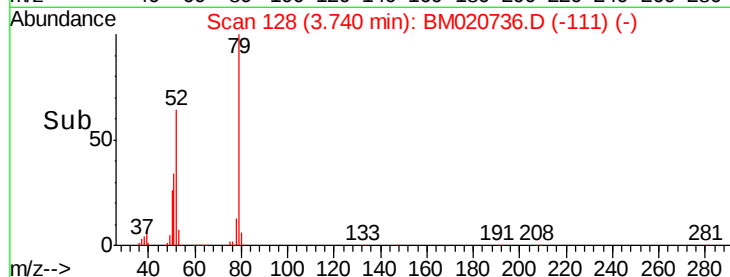
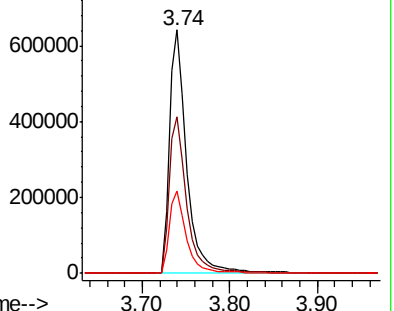
51 33.7 26.5 39.7



Abundance Ion 79.00 (78.70 to 79.70): BM020736.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020736.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020736.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 36.607 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

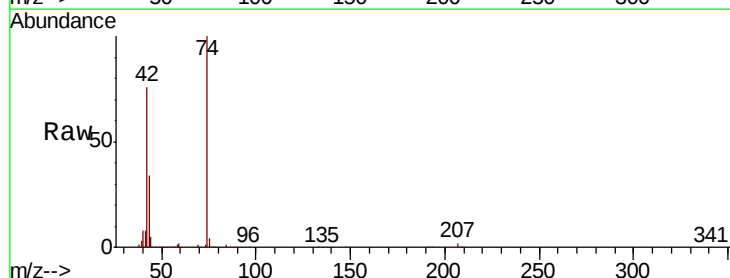
Tgt Ion: 42 Resp: 387128

Ion Ratio Lower Upper

42 100

74 131.2 103.3 154.9

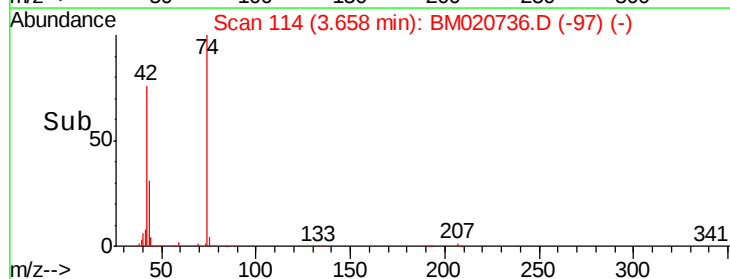
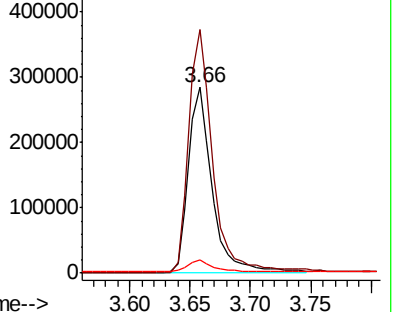
44 6.8 5.9 8.9

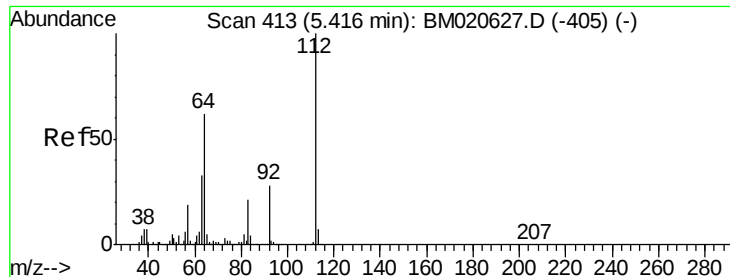


Abundance Ion 42.00 (41.70 to 42.70): BM020736.D (-111) (-)

Ion 74.00 (73.70 to 74.70): BM020736.D (-111) (-)

Ion 44.00 (43.70 to 44.70): BM020736.D (-111) (-)





#5

2-Fluorophenol

Concen: 139.663 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM020736.D

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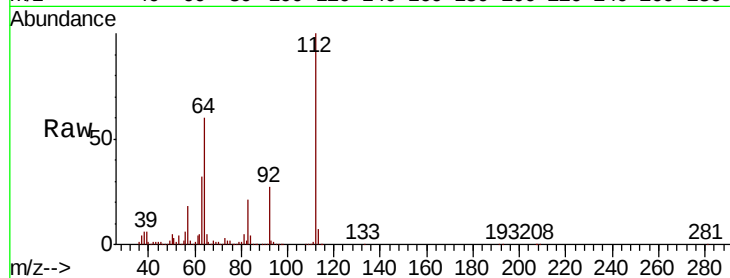
Tot Ion:112 Resp: 2630263

Ion Ratio Lower Upper

112 100

64 60.4 47.8 71.8

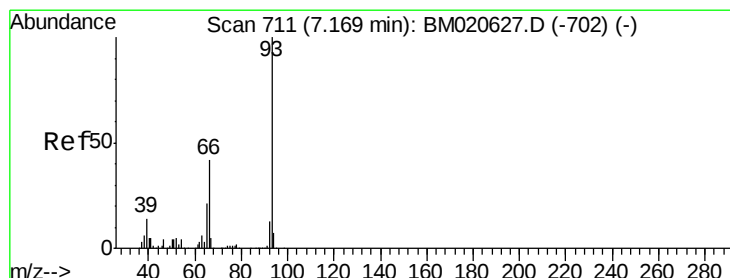
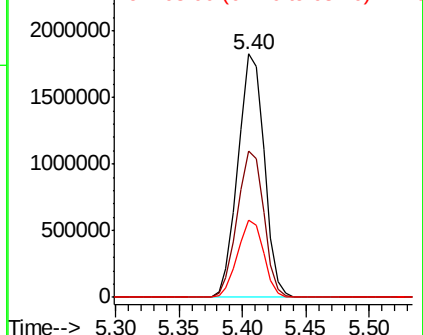
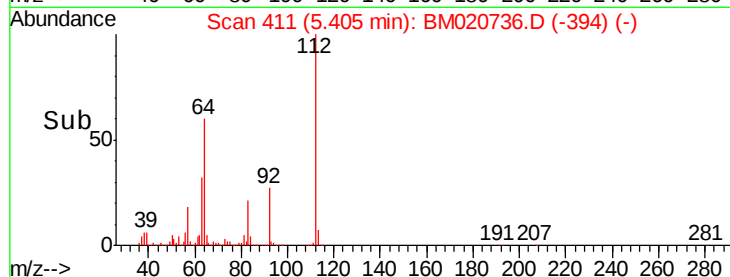
63 31.8 25.4 38.0



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: 29.329 ng

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

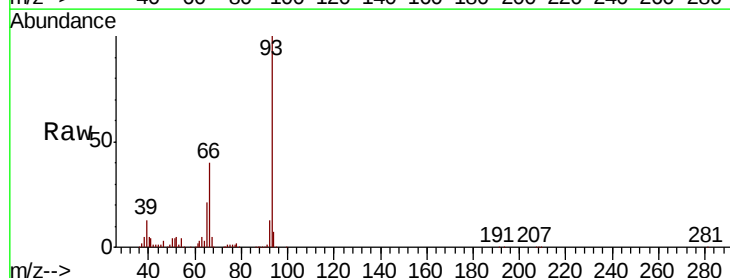
Tgt Ion: 93 Resp: 1176825

Ion Ratio Lower Upper

93 100

66 39.8 33.0 49.4

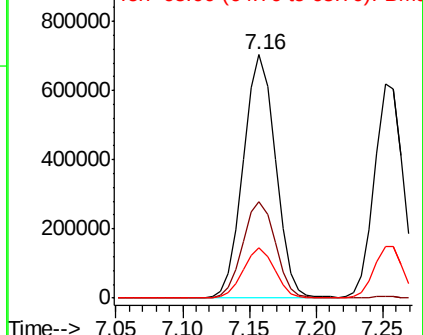
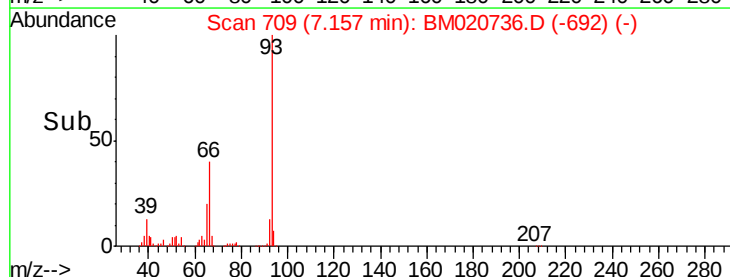
65 20.5 16.1 24.1

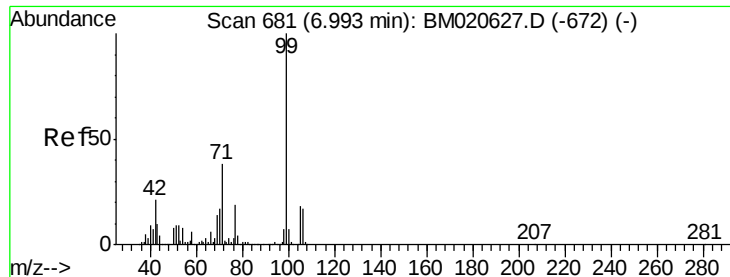


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 124.819 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

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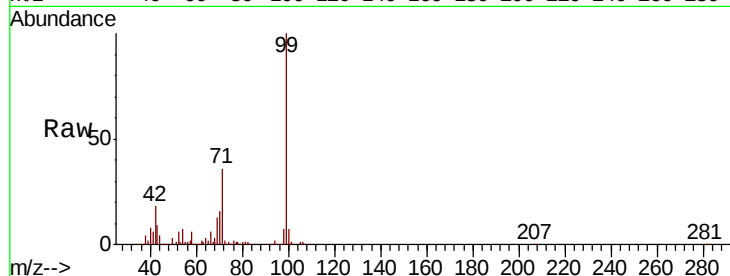
Tot Ion: 99 Resp: 3461324

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

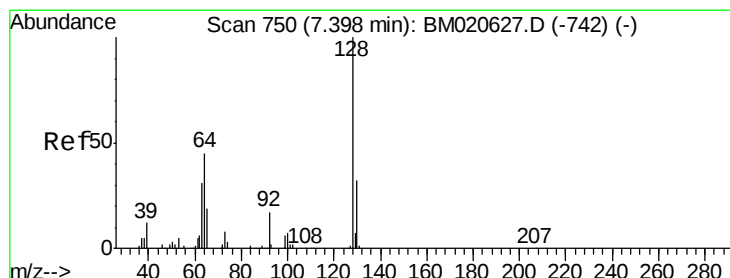
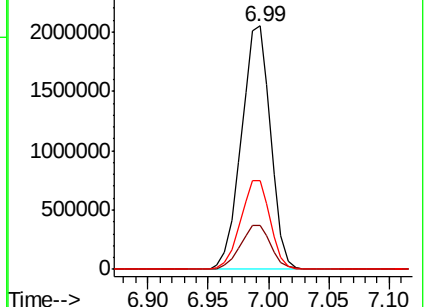
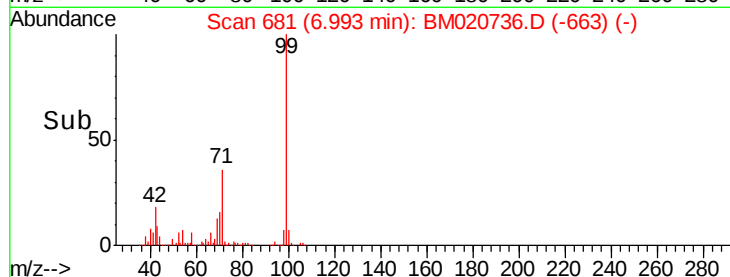
71 36.3 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BM020736.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020736.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020736.D (-663) (-)



#8

2-Chlorophenol

Concen: 43.934 ng

RT: 7.39 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

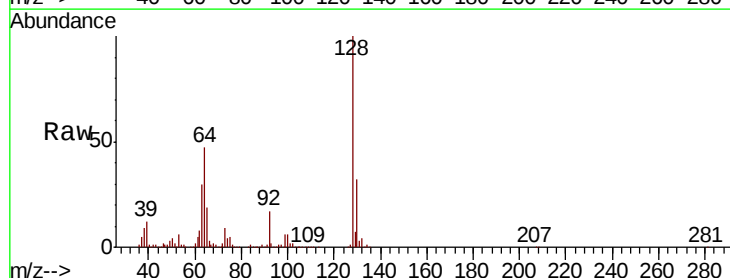
Tgt Ion:128 Resp: 1029329

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

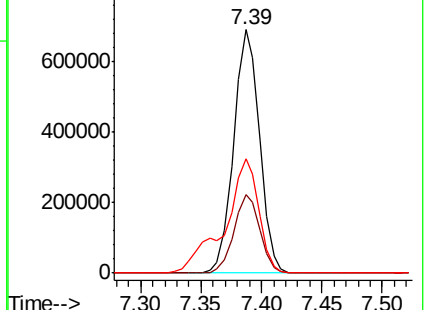
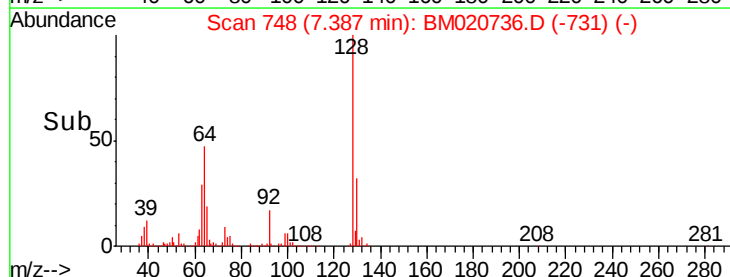
64 46.9 27.5 67.5

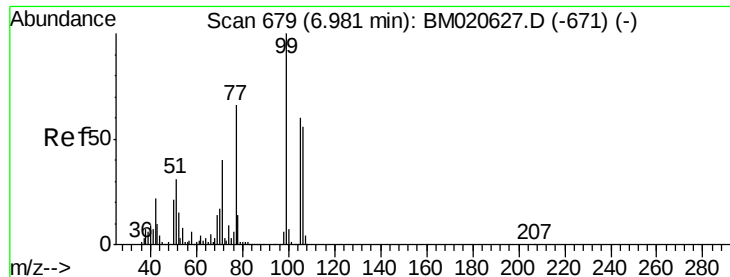


Abundance Ion 128.00 (127.70 to 128.70): BM020736.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020736.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020736.D (-731) (-)





#9

Benzaldehyde

Concen: 15.226 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

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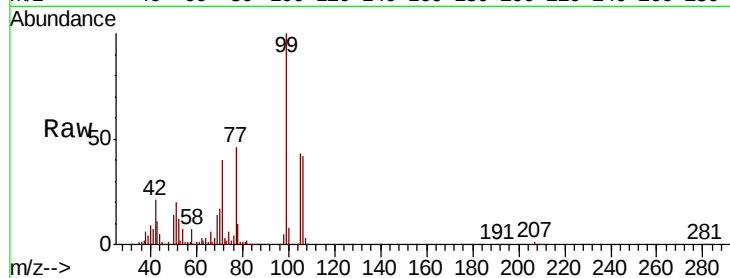
Tot Ion: 77 Resp: 305255

Ion Ratio Lower Upper

77 100

105 93.3 73.6 113.6

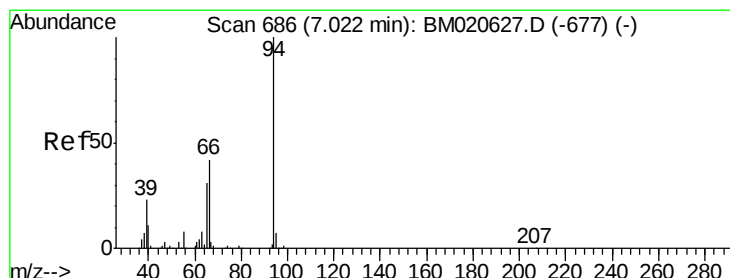
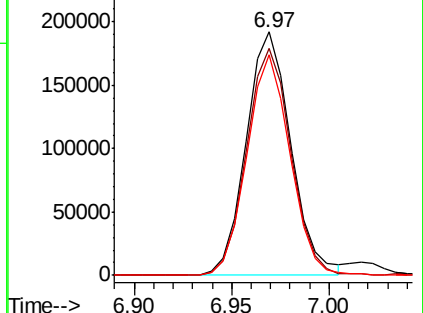
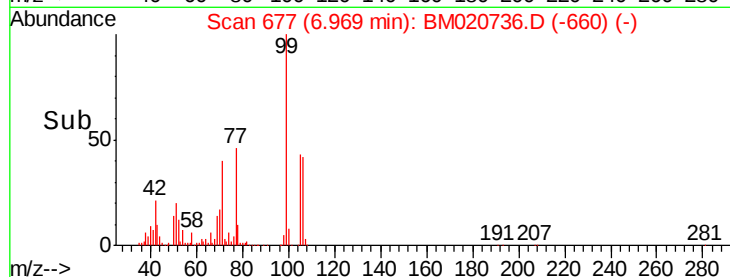
106 90.4 68.3 108.3



Abundance Ion 77.00 (76.70 to 77.70): BM020736.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM020736.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM020736.D (-660) (-)



#10

Phenol

Concen: 42.350 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

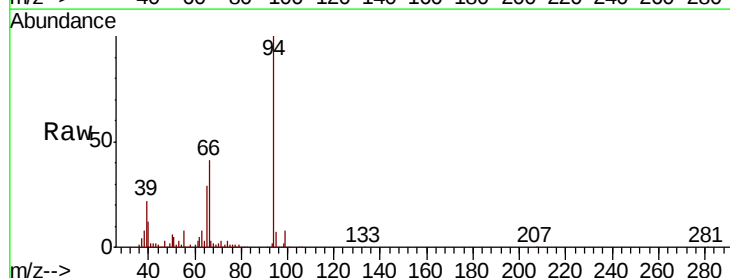
Tgt Ion: 94 Resp: 1265595

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

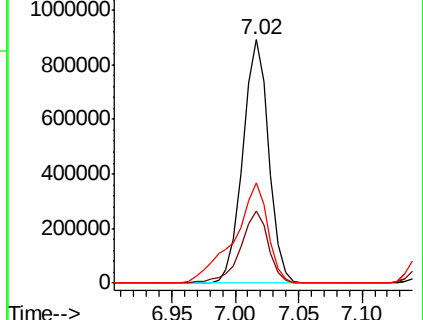
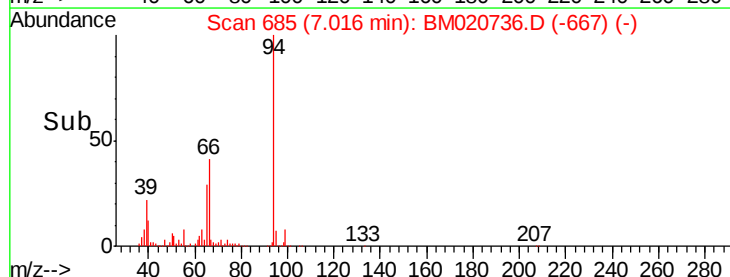
66 41.0 20.7 60.7

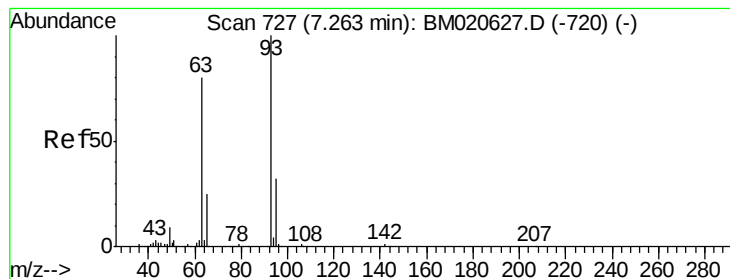


Abundance Ion 94.00 (93.70 to 94.70): BM020736.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM020736.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM020736.D (-667) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.336 ng

RT: 7.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

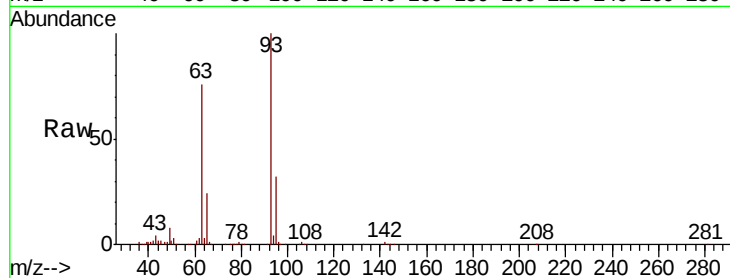
Tot Ion: 93 Resp: 913029

Ion Ratio Lower Upper

93 100

63 75.8 56.0 96.0

95 32.1 12.2 52.2

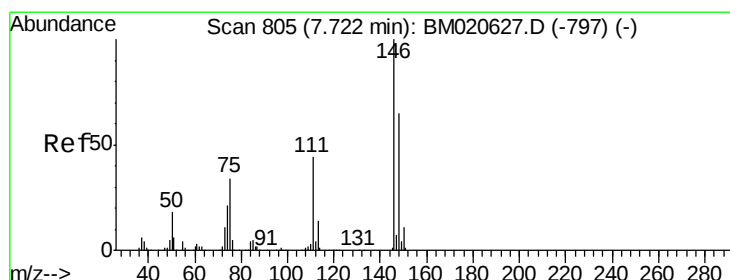
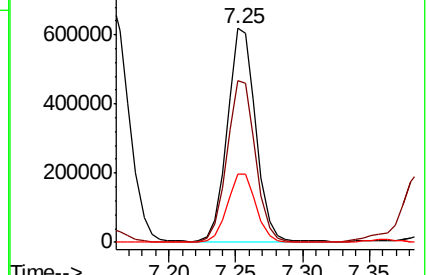
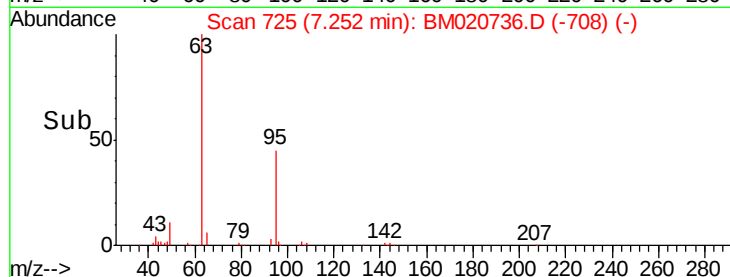


Abundance Ion 93.00 (92.70 to 93.70): BM020736.D (-720) (-)

Ion 63.00 (62.70 to 63.70): BM020736.D (-720) (-)

Ion 95.00 (94.70 to 95.70): BM020736.D (-720) (-)

Time-->



#12

1,3-Dichlorobenzene

Concen: 39.596 ng

RT: 7.71 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

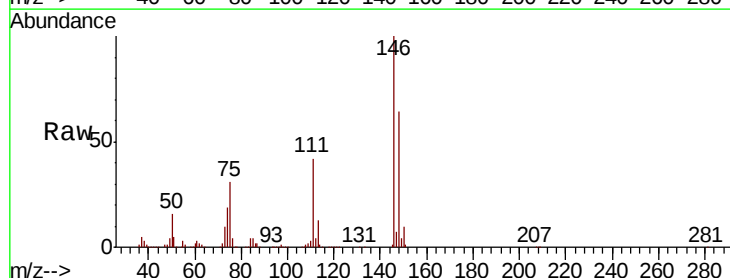
Tgt Ion: 146 Resp: 1066188

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 31.2 25.3 37.9

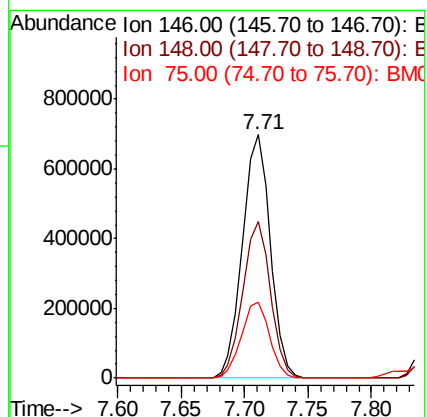
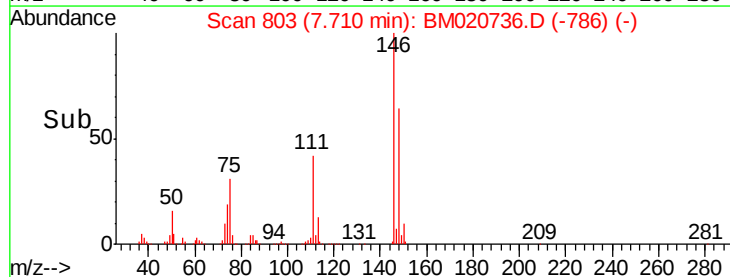


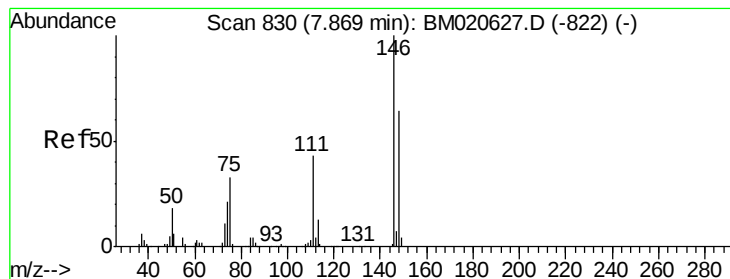
Abundance Ion 146.00 (145.70 to 146.70): BM020736.D (-786) (-)

Ion 148.00 (147.70 to 148.70): BM020736.D (-786) (-)

Ion 75.00 (74.70 to 75.70): BM020736.D (-786) (-)

Time-->





#13

1,4-Dichlorobenzene

Concen: 39.379 ng

RT: 7.86 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

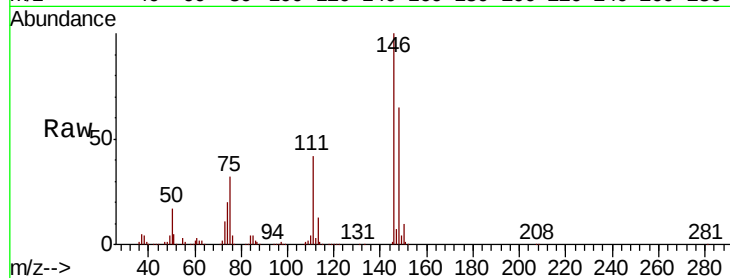
Tot Ion:146 Resp: 1077942

Ion Ratio Lower Upper

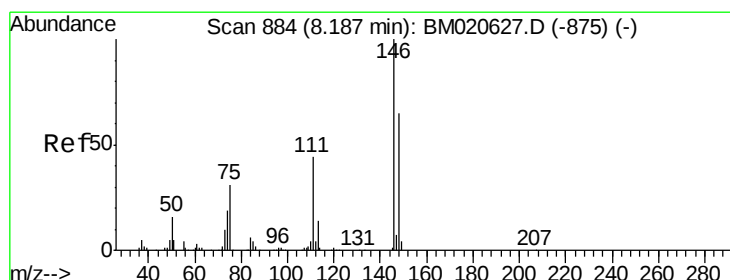
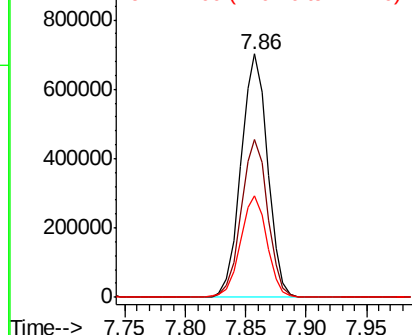
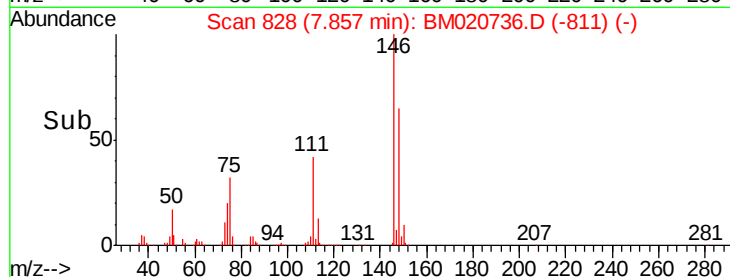
146 100

148 64.9 52.5 78.7

111 41.6 33.8 50.8



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: 38.970 ng

RT: 8.17 min Scan# 881

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

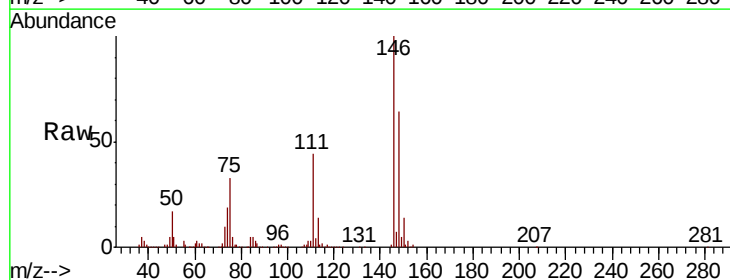
Tgt Ion:146 Resp: 1038119

Ion Ratio Lower Upper

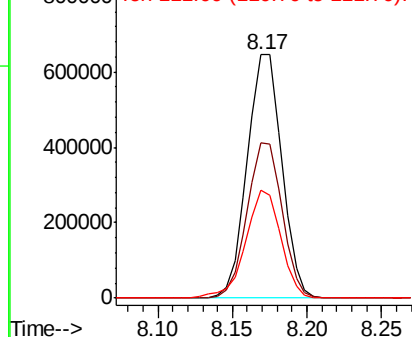
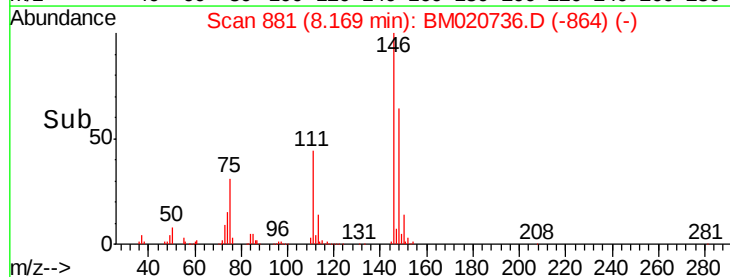
146 100

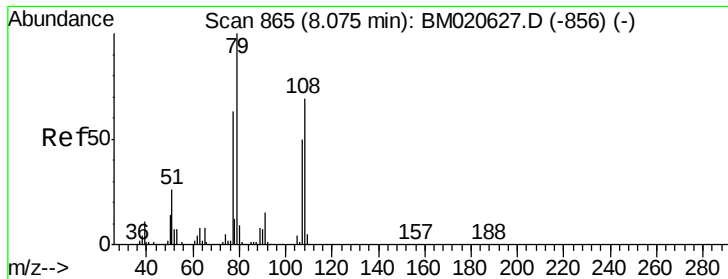
148 63.8 51.0 76.6

111 44.2 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.928 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

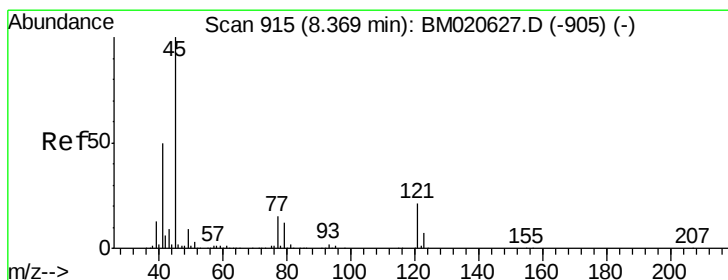
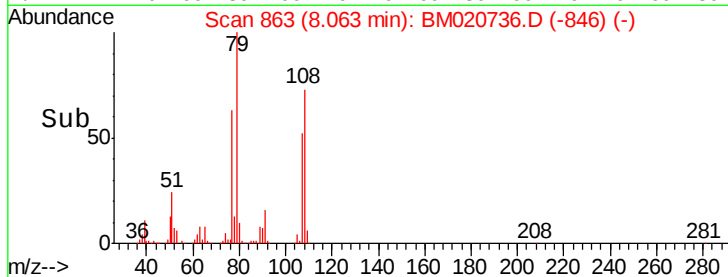
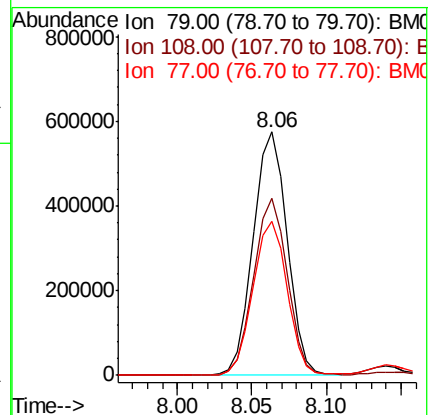
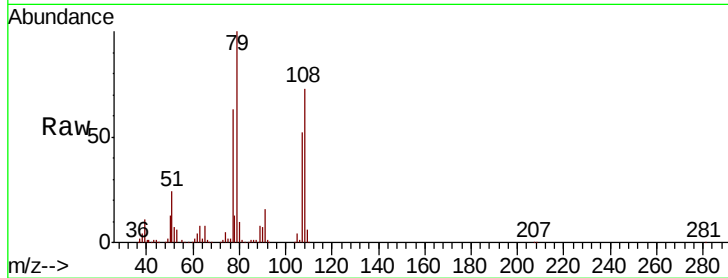
Tot Ion: 79 Resp: 905924

Ion Ratio Lower Upper

79 100

108 72.8 57.2 85.8

77 63.4 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.602 ng

RT: 8.35 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

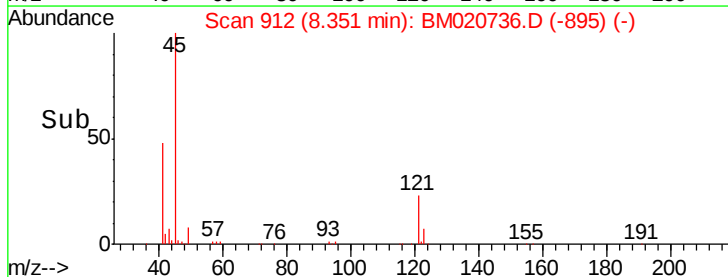
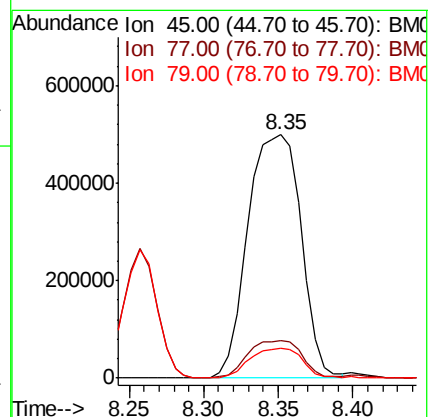
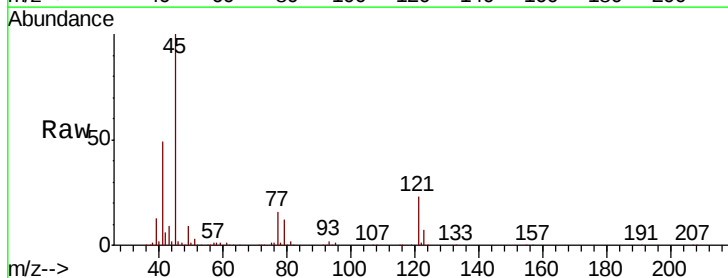
Tgt Ion: 45 Resp: 1235545

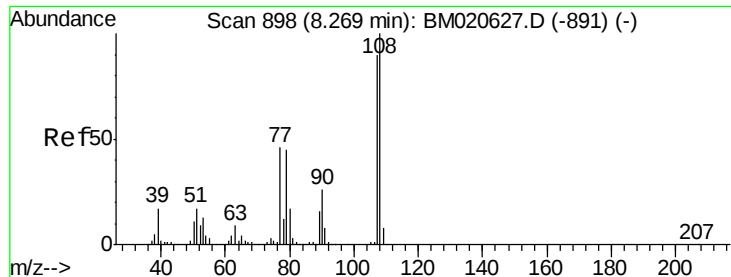
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.4

79 12.1 0.0 32.2

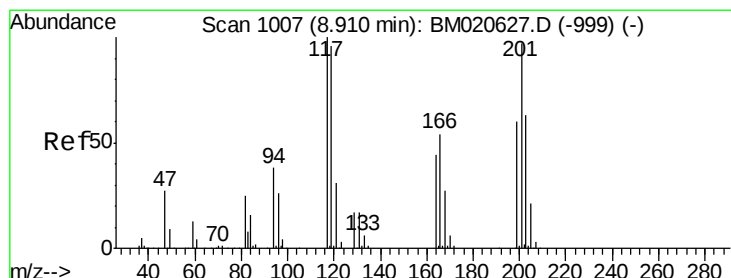
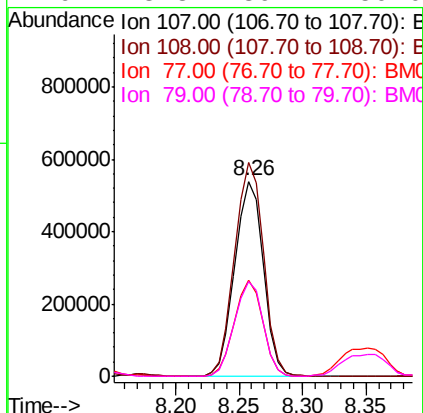
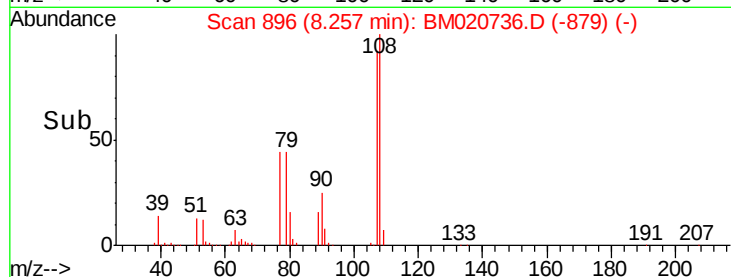
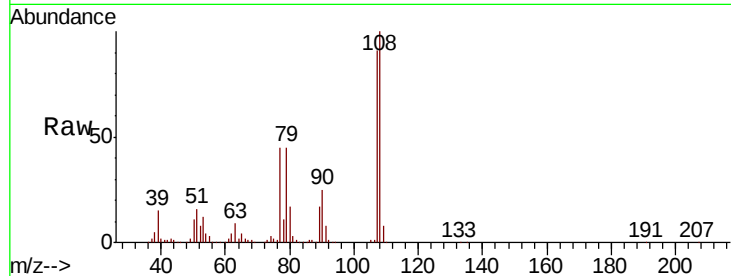




#17
2-Methylphenol
Concen: 40.014 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

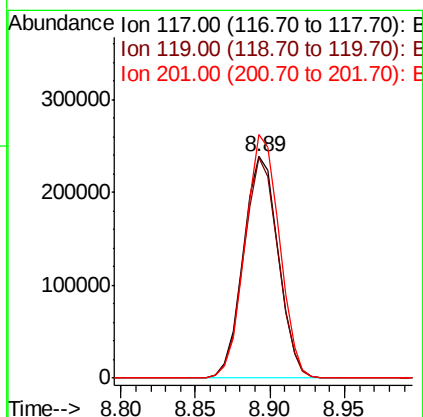
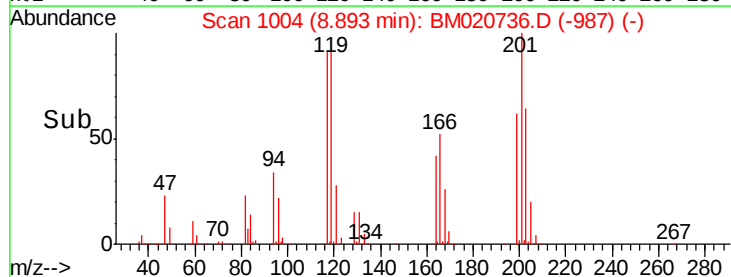
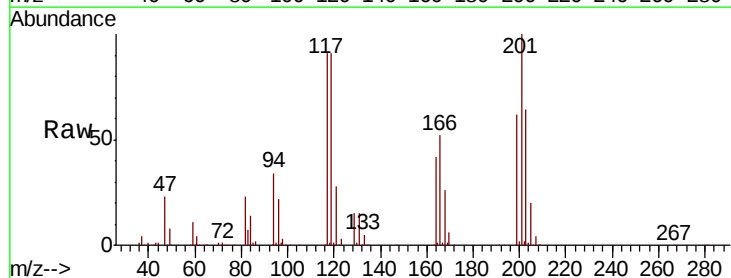
Instrument :
BNA_M
ClientSampleId :
PB120038BS

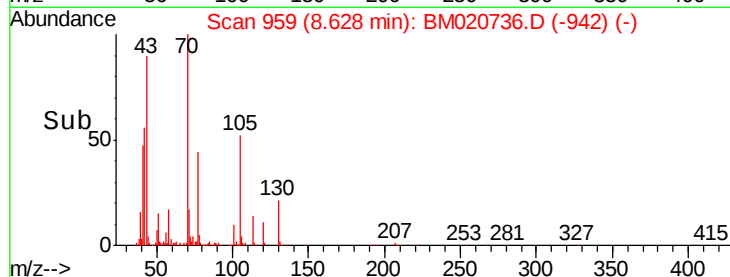
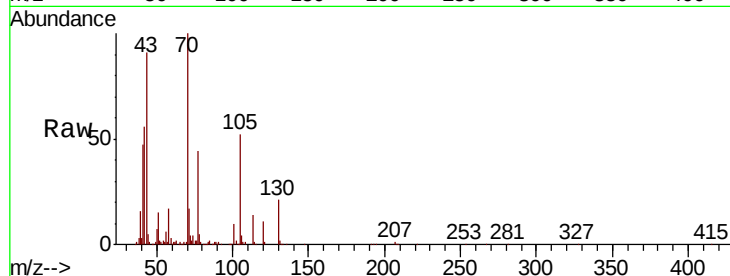
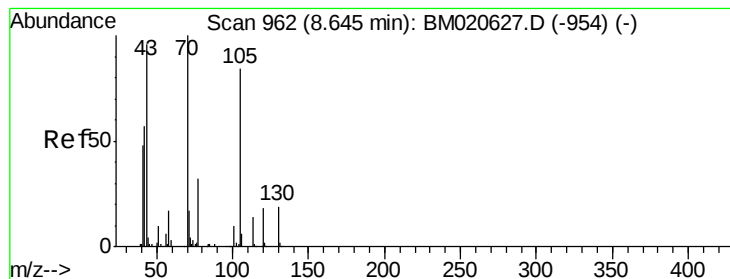
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	88.2	132.4
77	49.6	39.5	59.3
79	48.8	39.4	59.0



#18
Hexachloroethane
Concen: 37.086 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.2	117.4
201	109.8	83.0	124.4





#19

n-Nitroso-di-n-propylamine

Concen: 33.930 ng

RT: 8.63 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion: 70 Resp: 756343

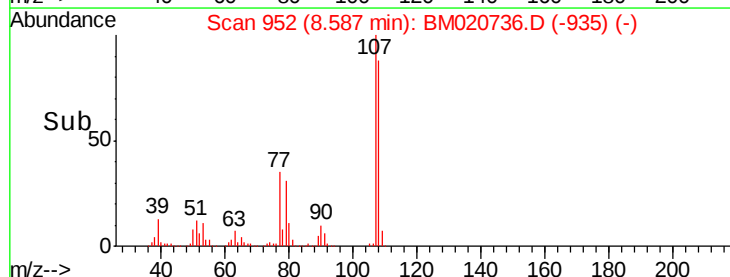
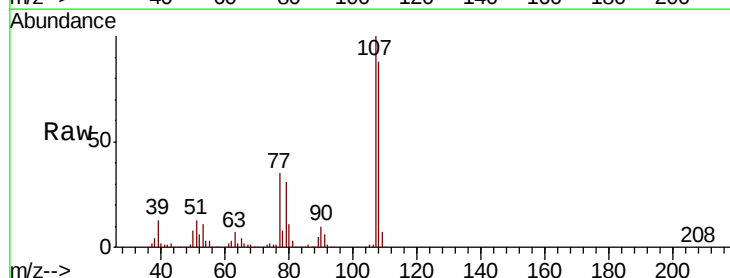
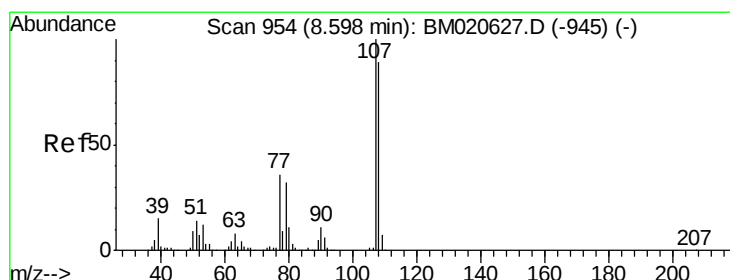
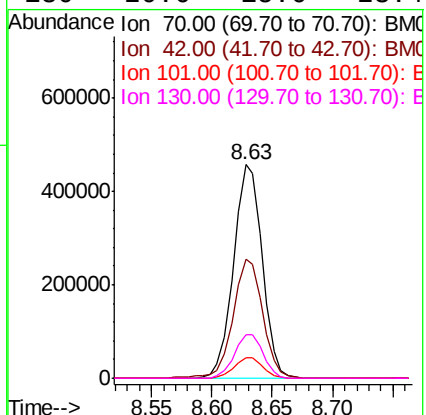
Ion Ratio Lower Upper

70 100

42 55.7 44.2 66.2

101 9.8 7.2 10.8

130 20.6 15.6 23.4



#20

3+4-Methylphenols

Concen: 39.019 ng

RT: 8.59 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion: 107 Resp: 1115604

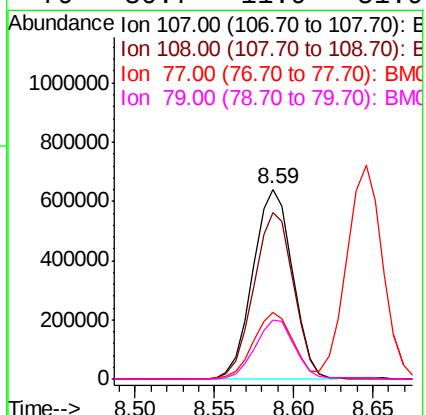
Ion Ratio Lower Upper

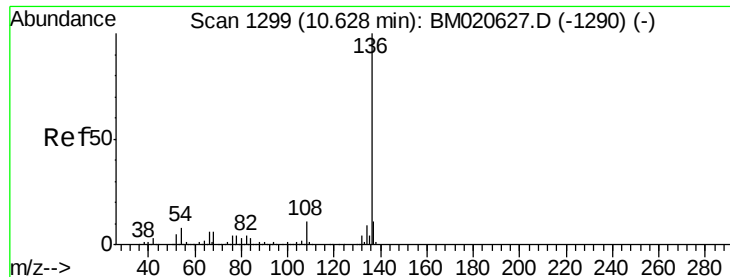
107 100

108 88.0 70.3 110.3

77 35.1 15.5 55.5

79 30.7 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

Tot Ion:136 Resp: 1307765

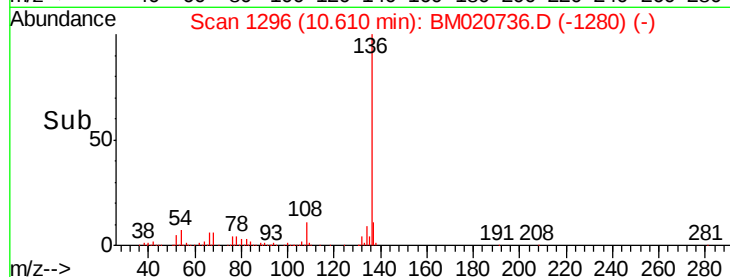
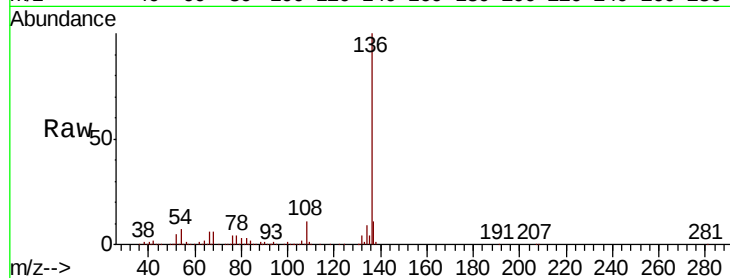
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.4 6.0 9.0

68 6.0 4.4 6.6

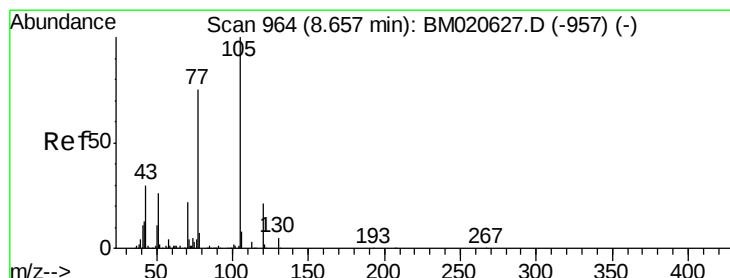
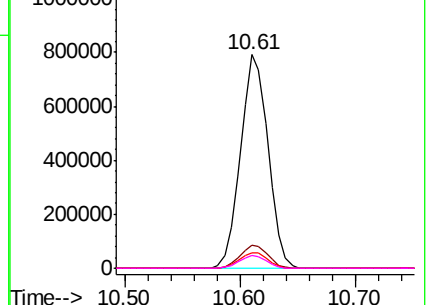


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.747 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:105 Resp: 1420142

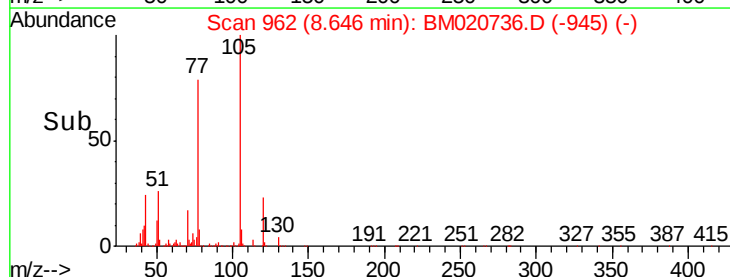
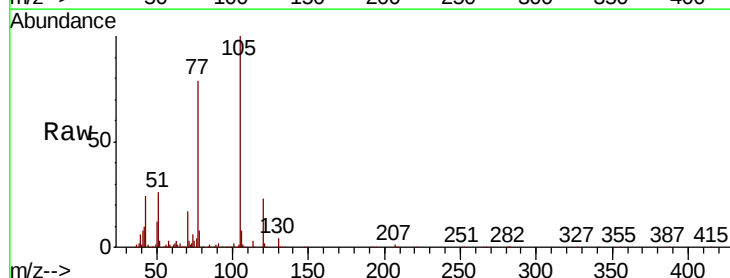
Ion Ratio Lower Upper

105 100

71 2.9 1.8 2.8#

51 25.9 20.9 31.3

120 22.5 17.6 26.4

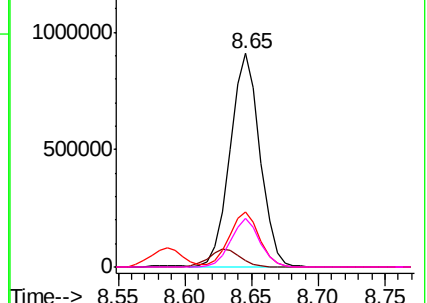


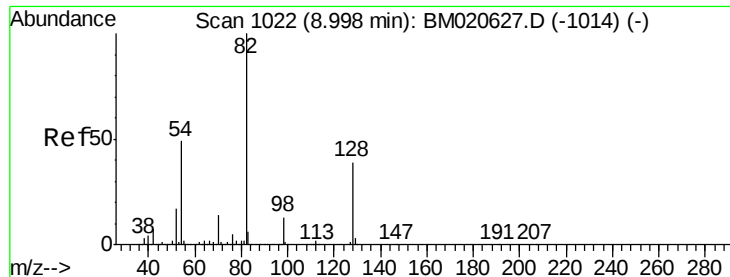
Abundance Ion 105.00 (104.70 to 105.70): E

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

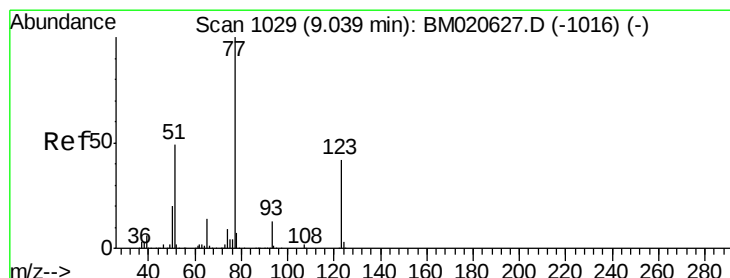
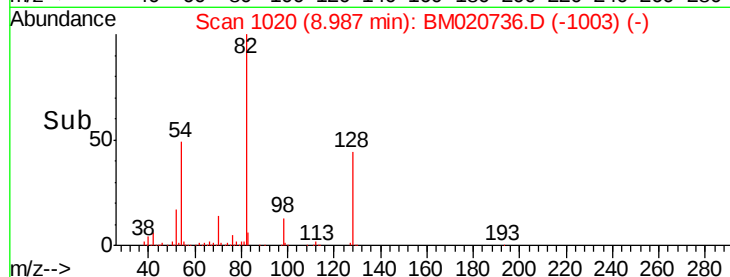
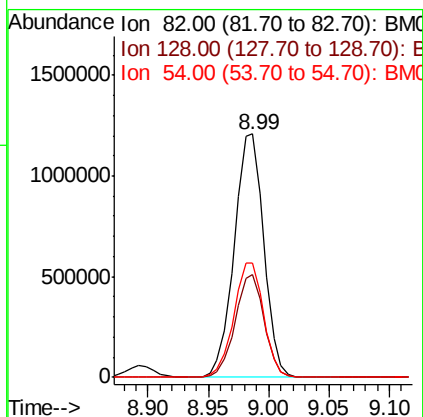
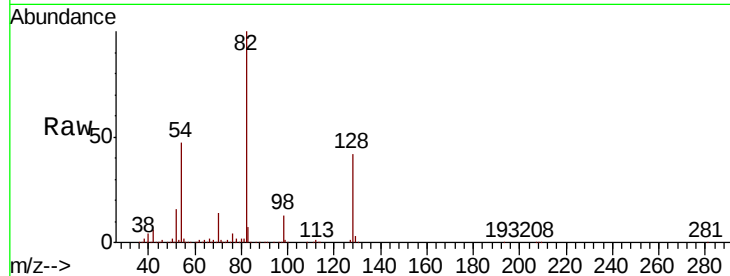




#23
Nitrobenzene-d5
Concen: 81.769 ng
RT: 8.99 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

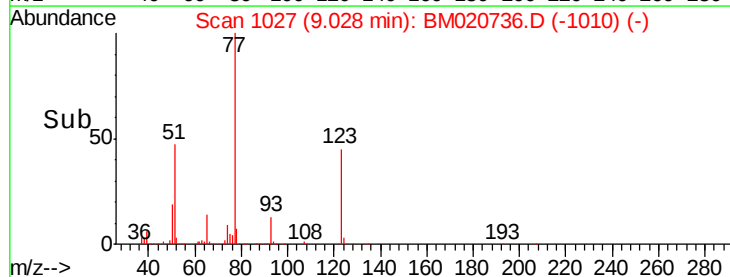
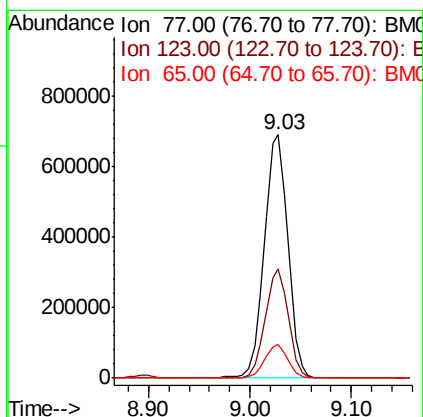
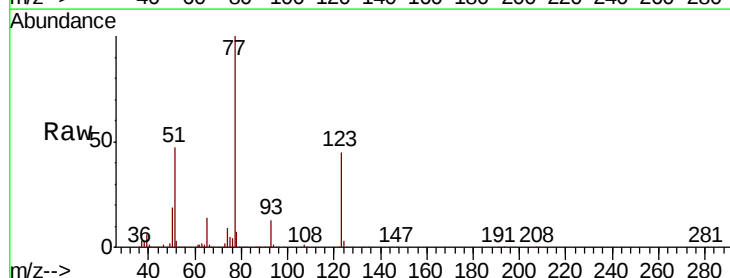
Instrument :
BNA_M
ClientSampleId :
PB120038BS

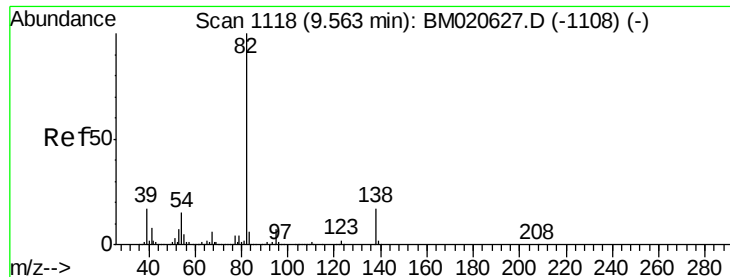
Tot Ion: 82 Resp: 2063904
Ion Ratio Lower Upper
82 100
128 42.2 33.2 49.8
54 47.0 37.7 56.5



#24
Nitrobenzene
Concen: 43.169 ng
RT: 9.03 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion: 77 Resp: 1112345
Ion Ratio Lower Upper
77 100
123 44.9 35.8 53.8
65 13.7 10.9 16.3





#25

Isophorone

Concen: 39.320 ng

RT: 9.55 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

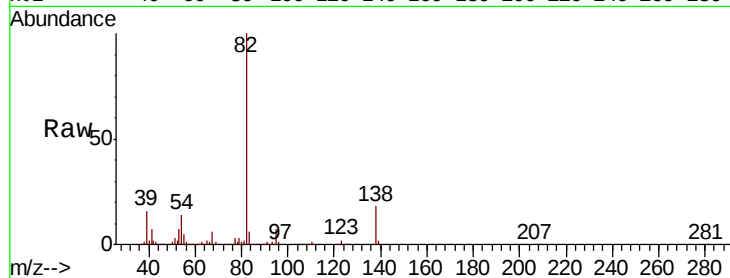
Tot Ion: 82 Resp: 1974181

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

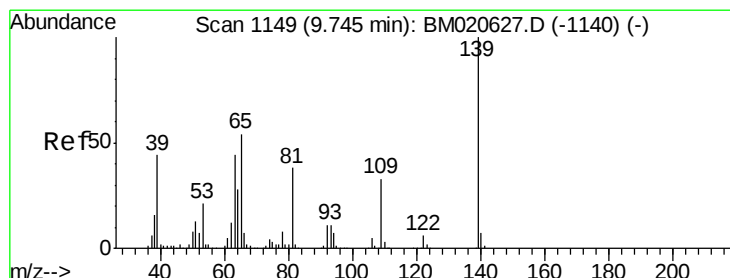
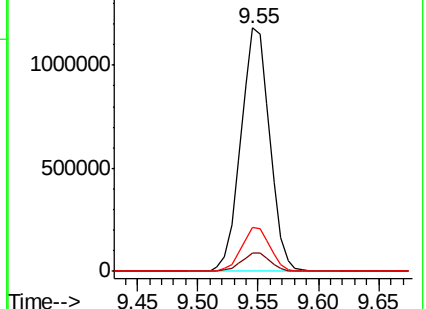
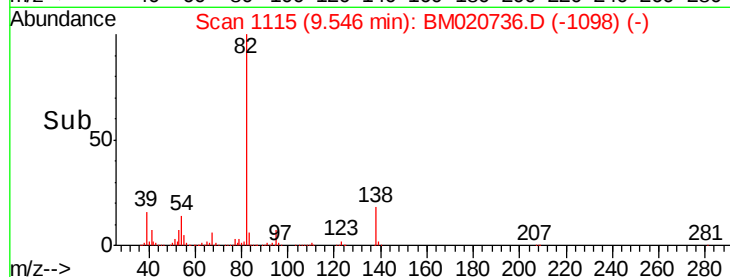
138 17.8 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BM020736.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020736.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020736.D (-1115) (-)



#26

2-Nitrophenol

Concen: 51.029 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

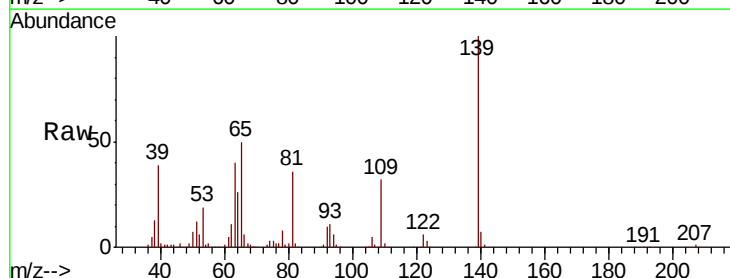
Tgt Ion: 139 Resp: 490045

Ion Ratio Lower Upper

139 100

109 32.3 26.8 40.2

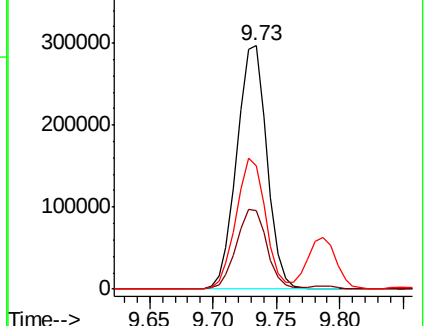
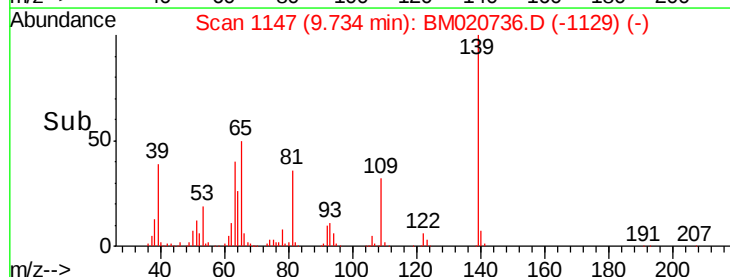
65 50.4 42.6 63.8

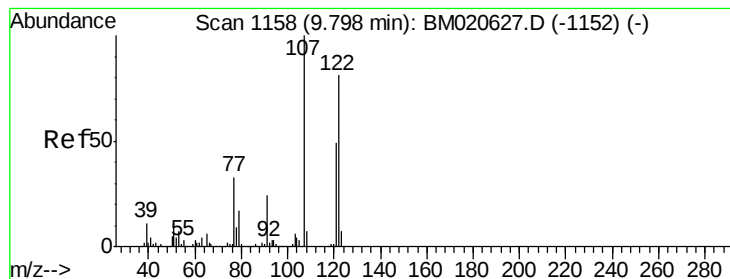


Abundance Ion 139.00 (138.70 to 139.70): BM020736.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020736.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020736.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 50.027 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

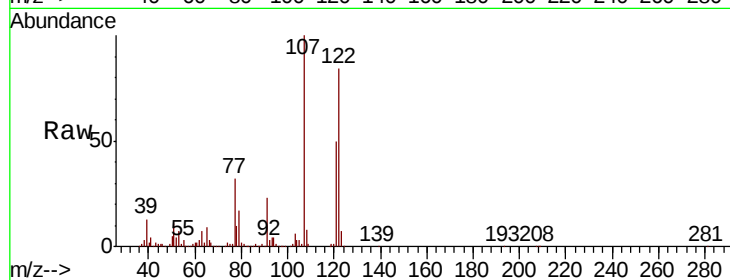
Tot Ion:122 Resp: 900240

Ion Ratio Lower Upper

122 100

107 119.3 97.8 146.6

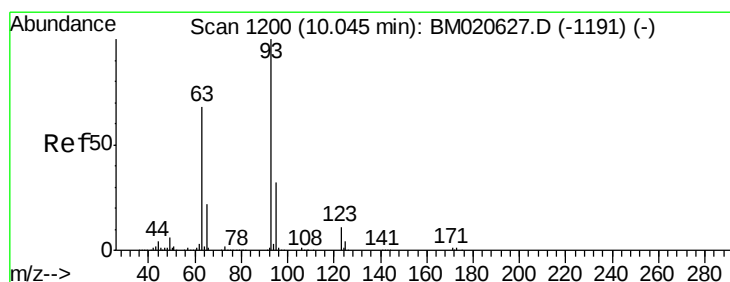
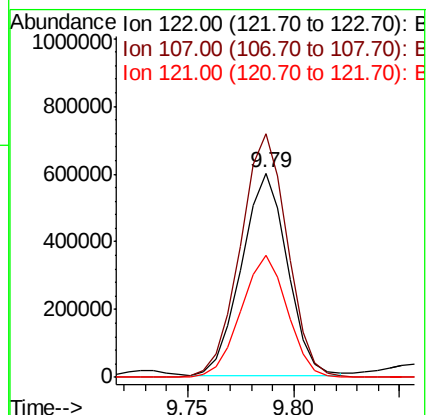
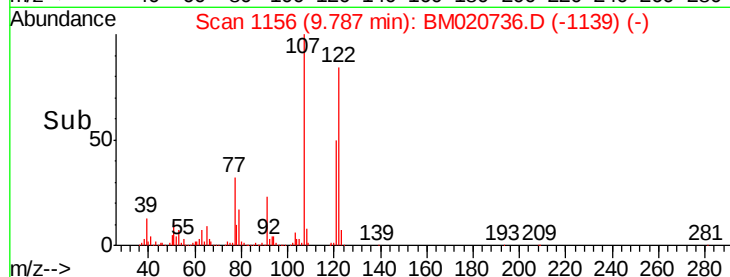
121 59.7 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.200 ng

RT: 10.03 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

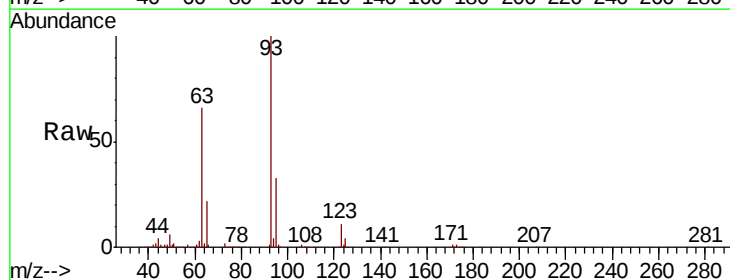
Tgt Ion: 93 Resp: 1220389

Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

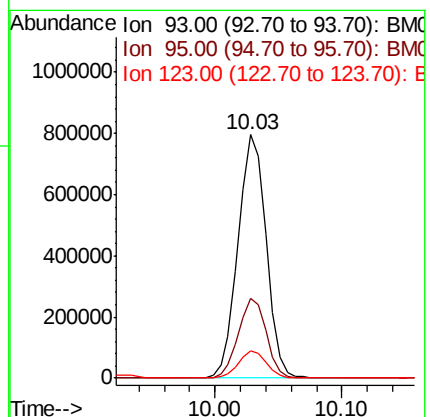
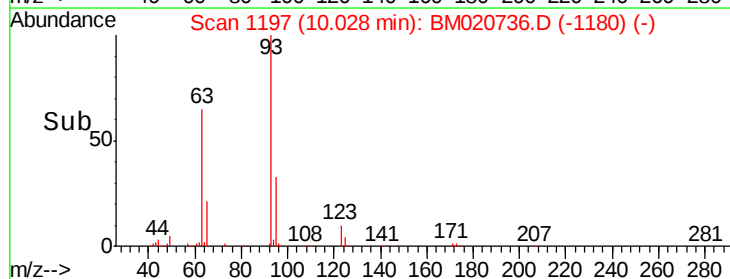
123 11.3 8.8 13.2

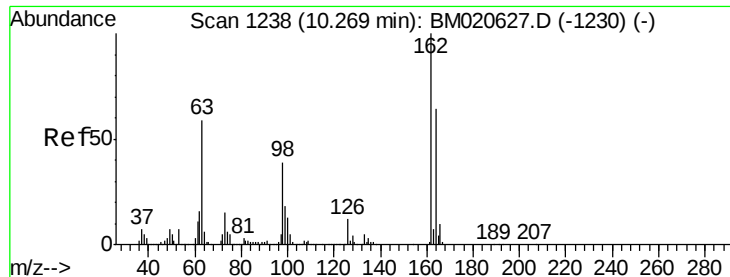


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.921 ng

RT: 10.26 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

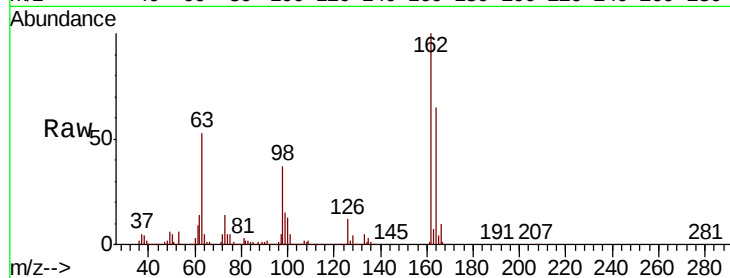
Tot Ion:162 Resp: 934182

Ion Ratio Lower Upper

162 100

164 64.6 45.5 85.5

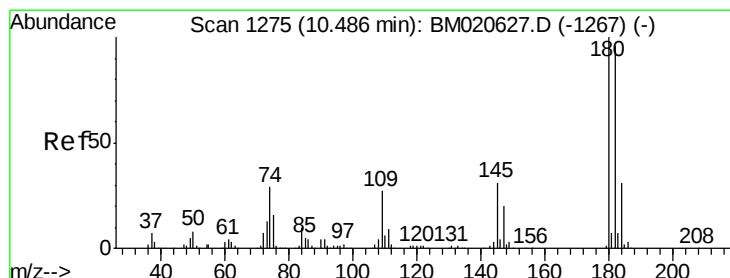
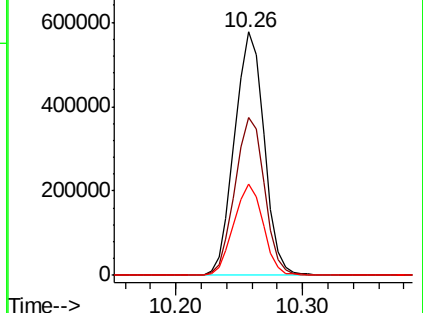
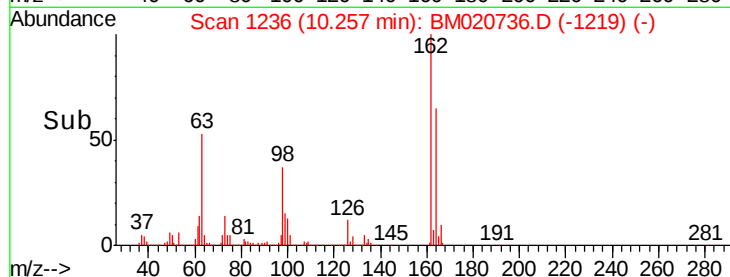
98 37.3 16.7 56.7



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: 44.525 ng

RT: 10.47 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

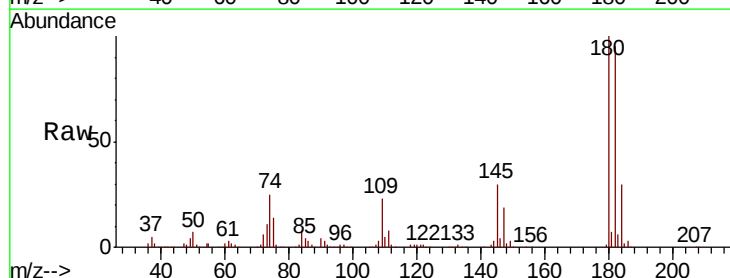
Tgt Ion:180 Resp: 1019312

Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.8

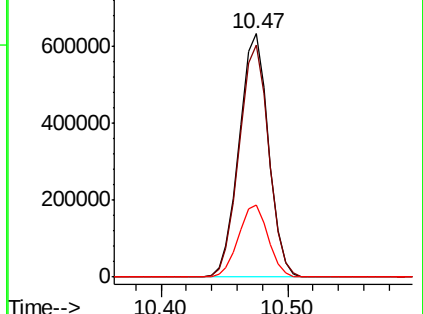
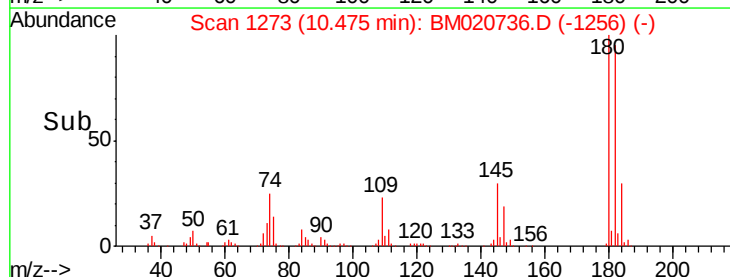
145 29.8 24.3 36.5

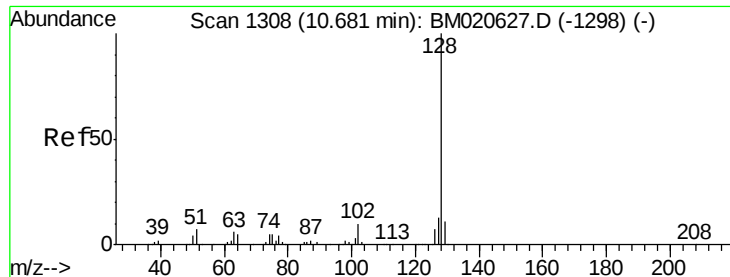


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

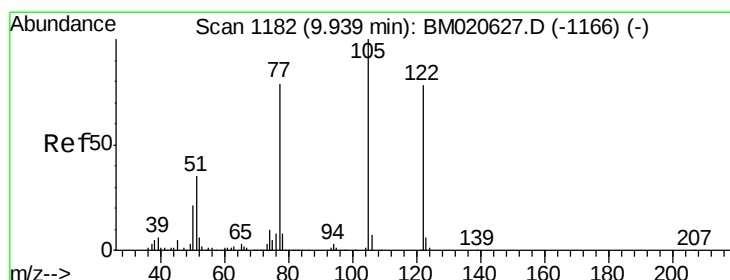
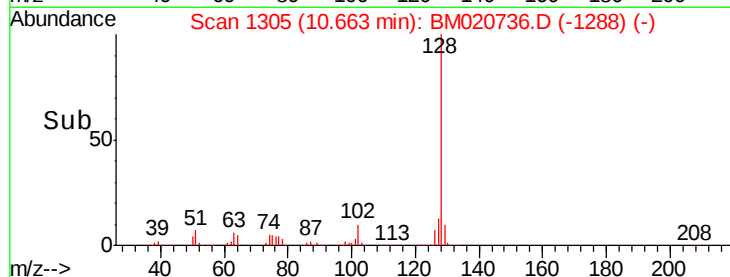
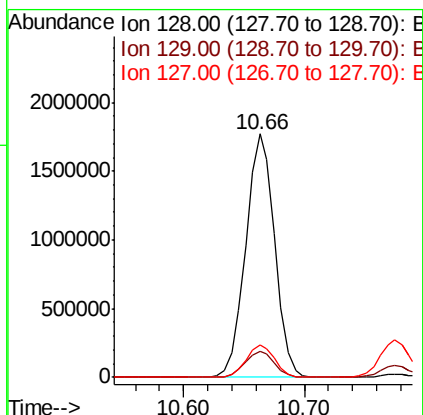
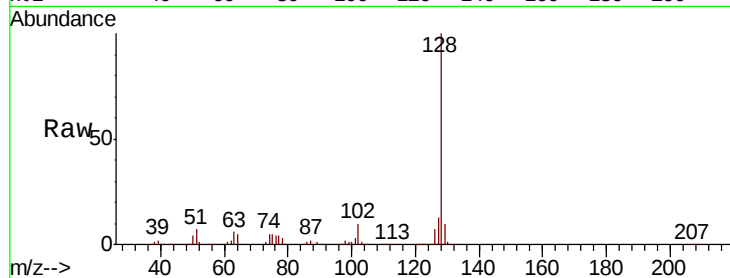




#31
Naphthalene
Concen: 43.727 ng
RT: 10.66 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

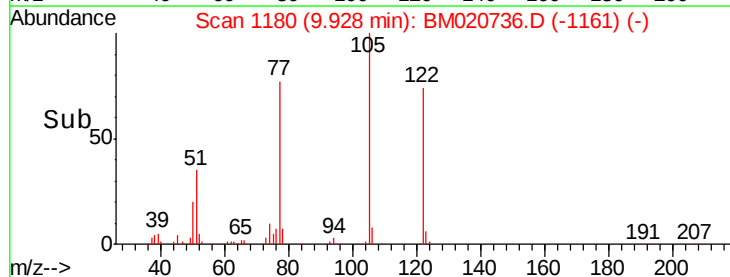
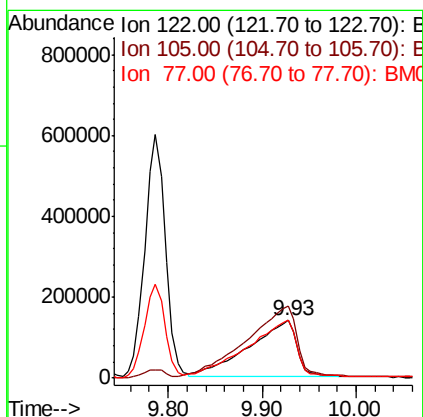
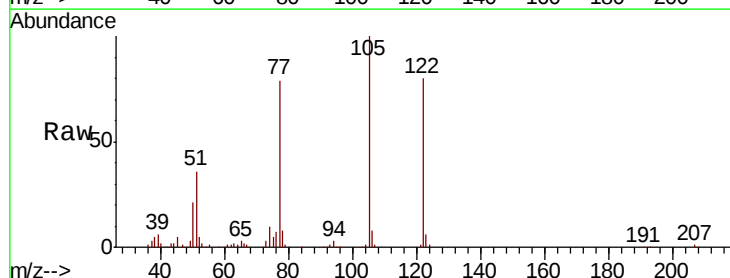
Instrument :
BNA_M
ClientSampleId :
PB120038BS

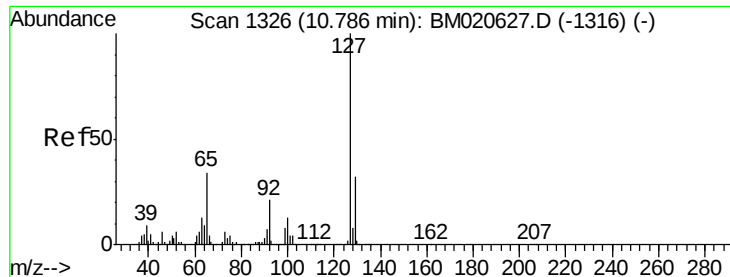
Tot Ion:128 Resp: 2940657
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 43.214 ng
RT: 9.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:122 Resp: 482977
Ion Ratio Lower Upper
122 100
105 125.7 108.0 148.0
77 99.2 82.2 122.2

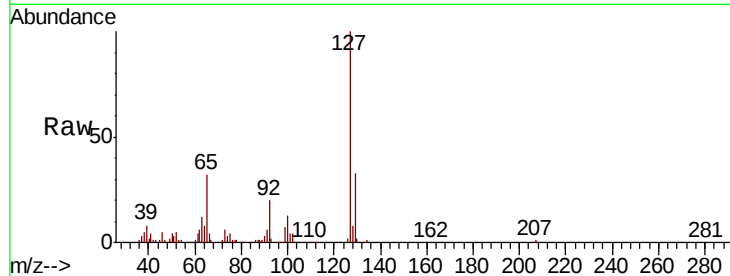




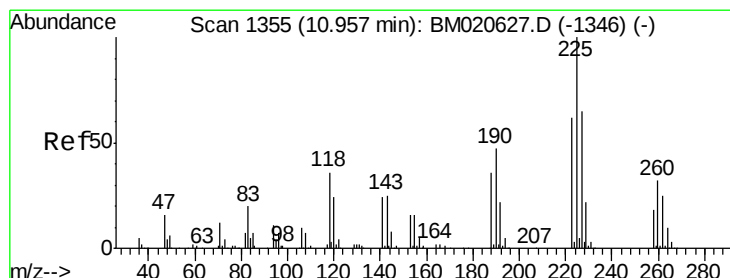
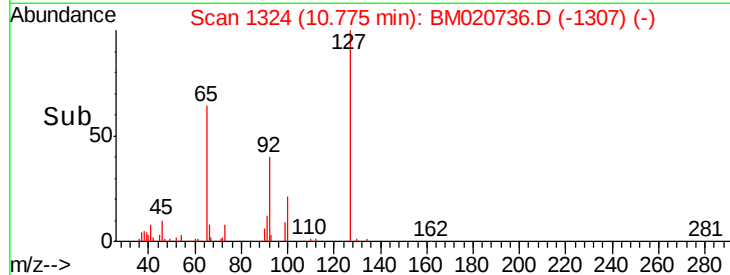
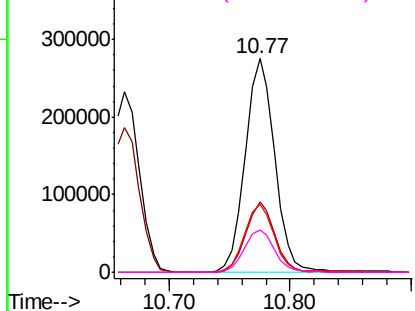
#33
4-Chloroaniline
Concen: 15.095 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:127	Resp:	472447
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.4 38.2
65	31.6	25.3 37.9
92	19.9	16.4 24.6

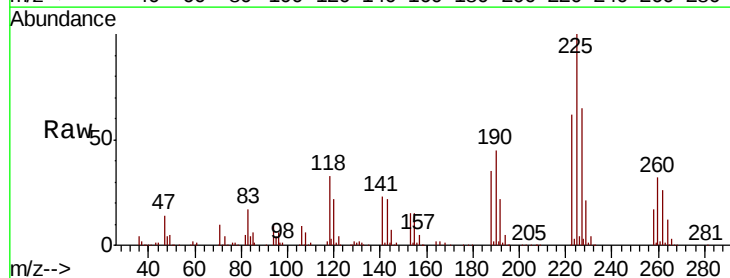


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

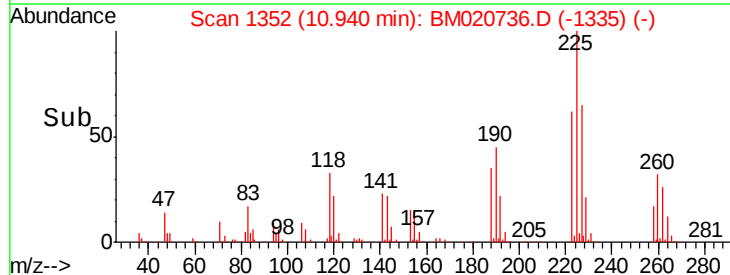
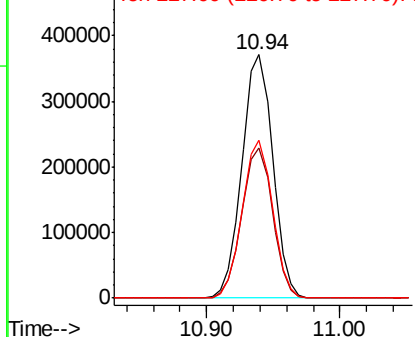


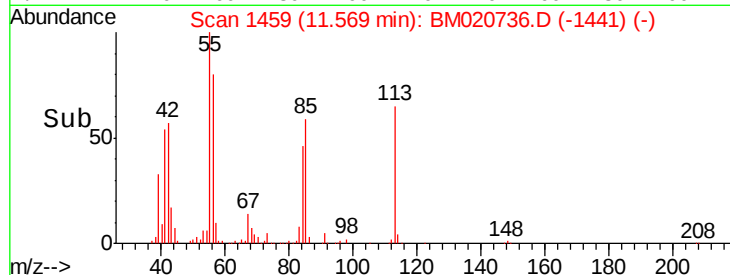
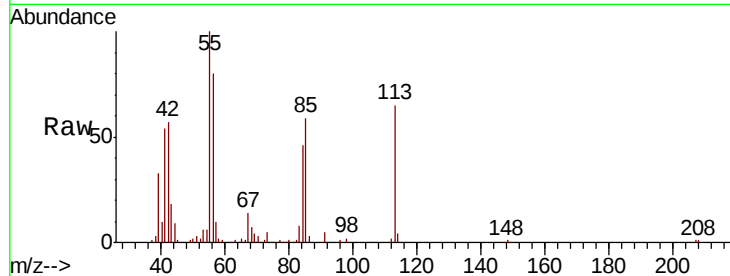
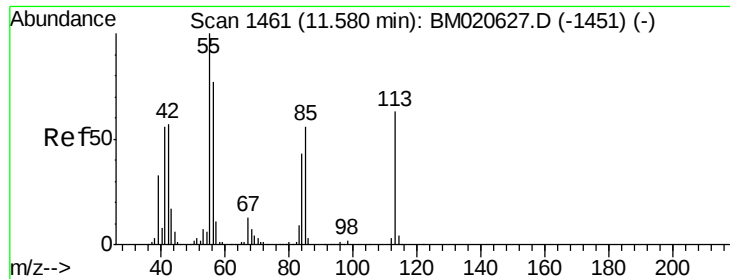
#34
Hexachlorobutadiene
Concen: 43.291 ng
RT: 10.94 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:225	Resp:	594642
Ion Ratio	Lower	Upper
225	100	
223	61.7	49.6 74.4
227	64.7	51.0 76.4



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: 31.253 ng

RT: 11.57 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

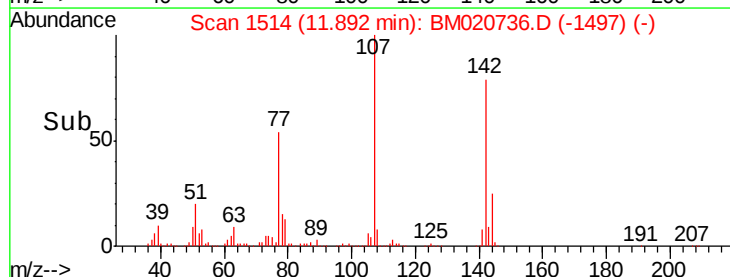
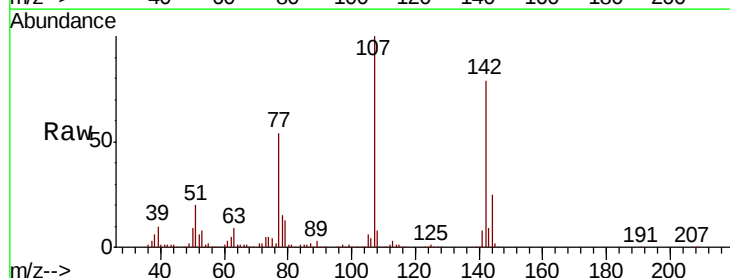
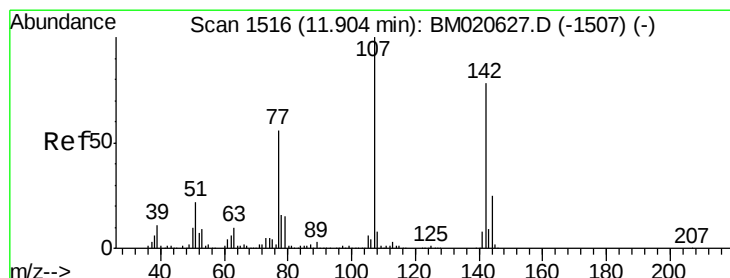
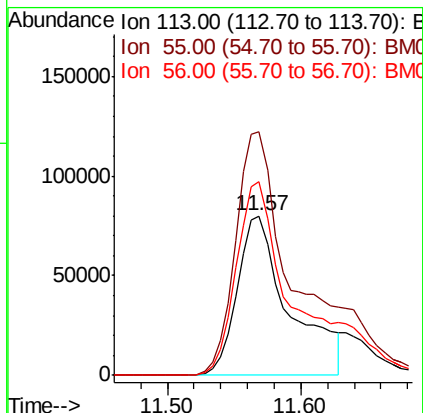
Tot Ion:113 Resp: 216164

Ion Ratio Lower Upper

113 100

55 152.8 141.1 181.1

56 121.5 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 40.966 ng

RT: 11.89 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

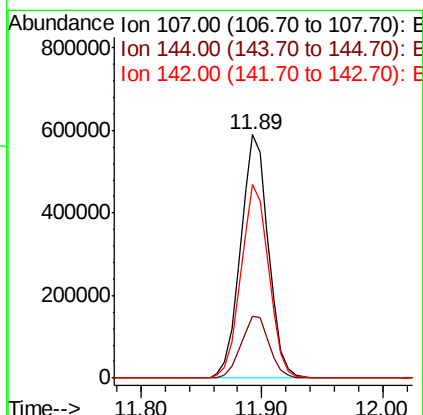
Tgt Ion:107 Resp: 948271

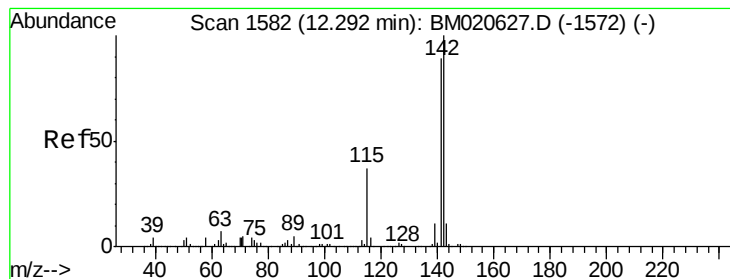
Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

142 79.3 63.3 94.9





#37

2-Methylnaphthalene

Concen: 42.832 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

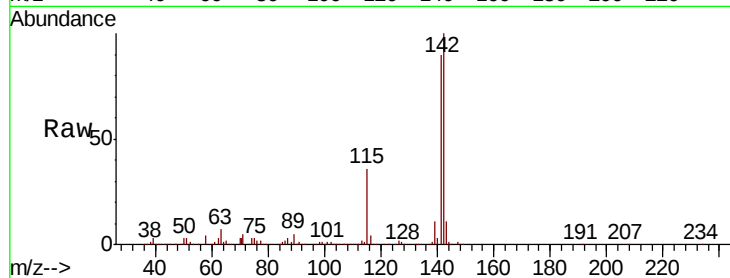
Tot Ion:142 Resp: 2135052

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.0

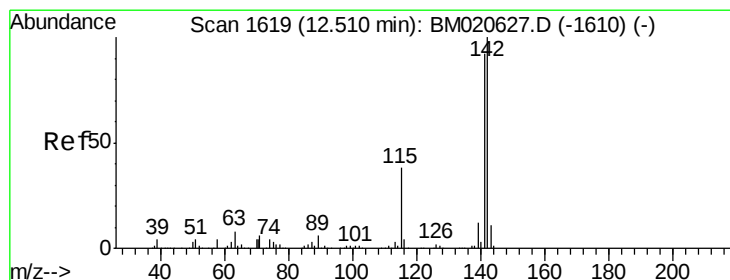
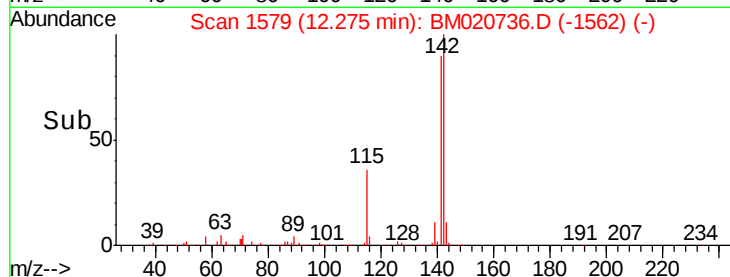
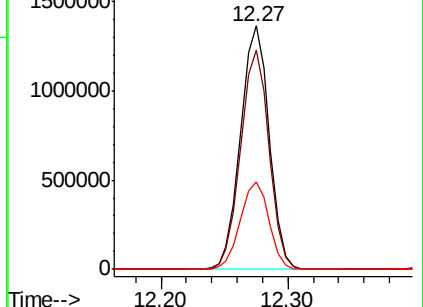
115 35.7 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.918 ng

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

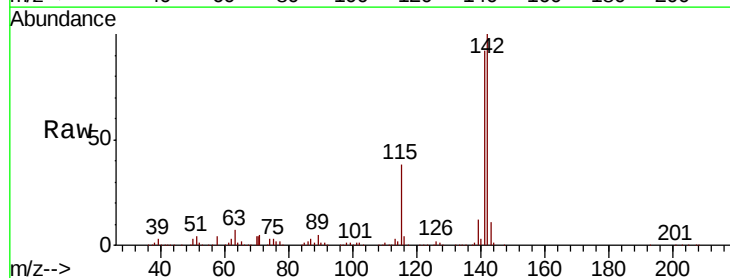
Tgt Ion:142 Resp: 2037024

Ion Ratio Lower Upper

142 100

141 92.4 74.1 111.1

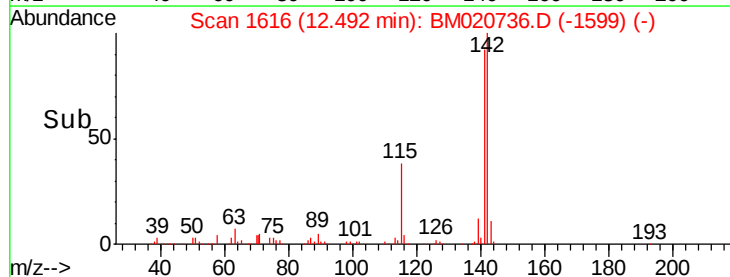
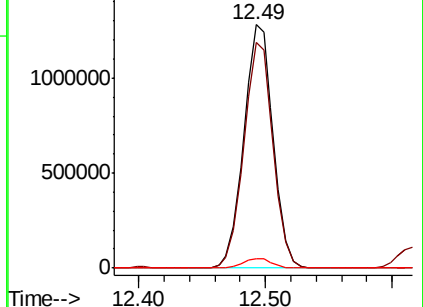
116 3.9 3.2 4.8

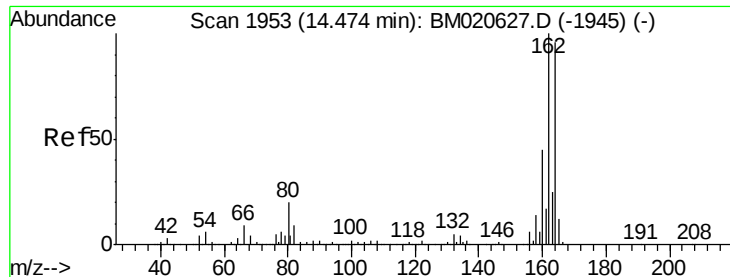


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

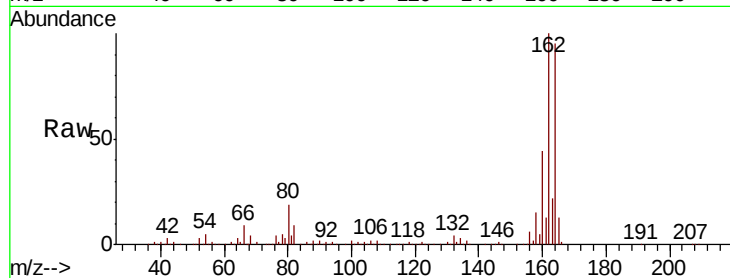
Tot Ion:164 Resp: 694979

Ion Ratio Lower Upper

164 100

162 105.7 83.5 125.3

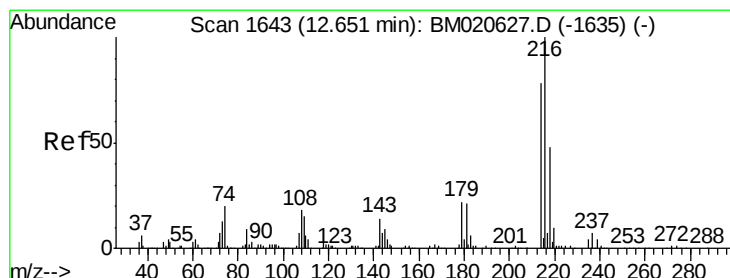
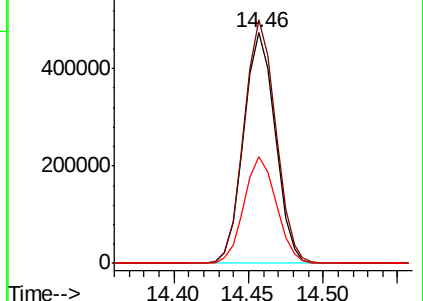
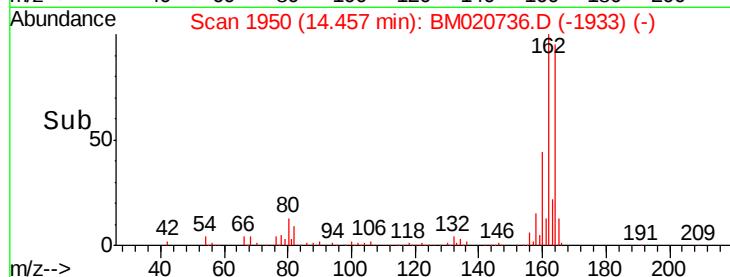
160 46.1 37.2 55.8



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: 48.716 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:216 Resp: 1109514

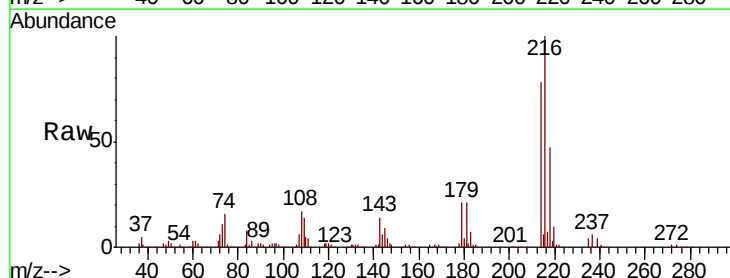
Ion Ratio Lower Upper

216 100

214 78.8 63.1 94.7

179 21.7 17.3 25.9

108 20.3 14.6 22.0

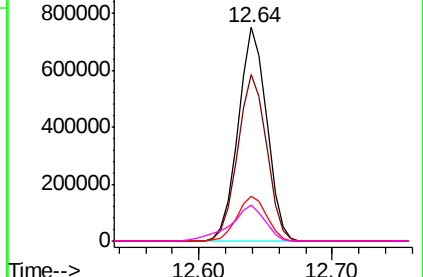
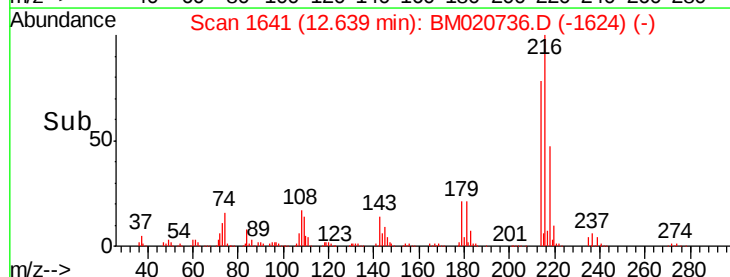


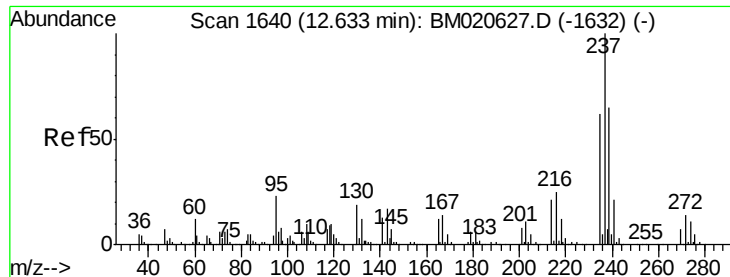
Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.389 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

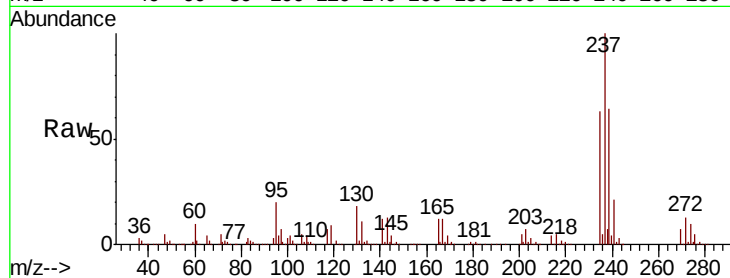
BNA_M

ClientSampleId :

PB120038BS

Tot Ion:237 Resp: 1394653

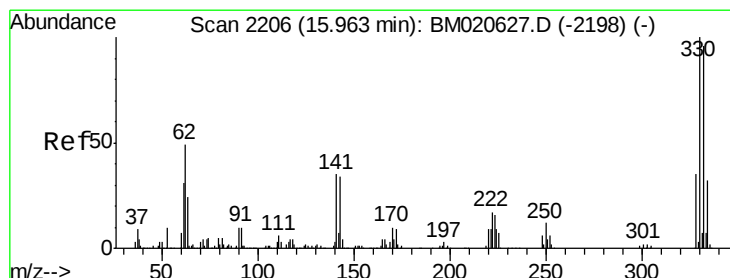
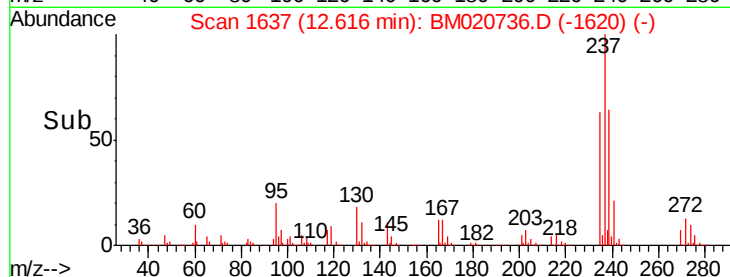
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.7	81.7
272	13.4	0.0	33.0



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: 137.876 ng

RT: 15.95 min Scan# 2204

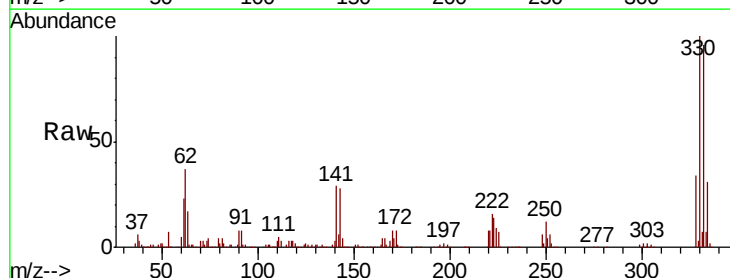
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:330 Resp: 1187213

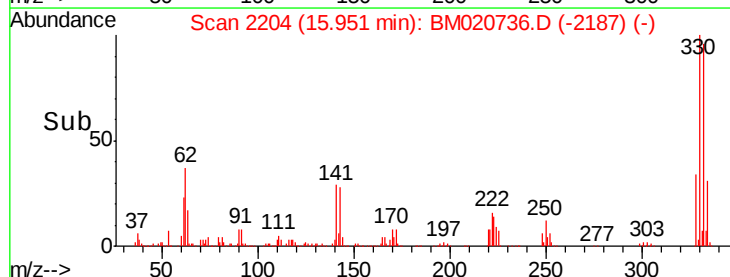
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	32.8	27.7	41.5

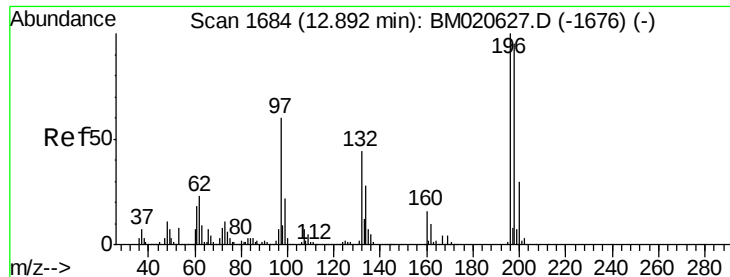


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

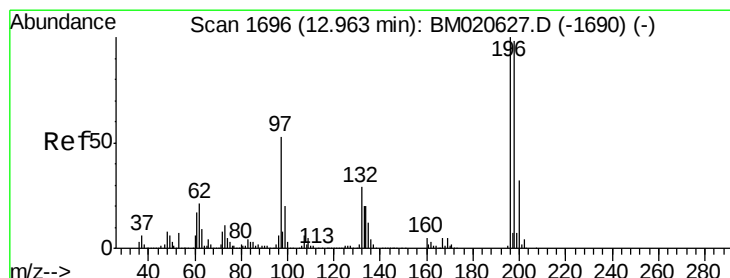
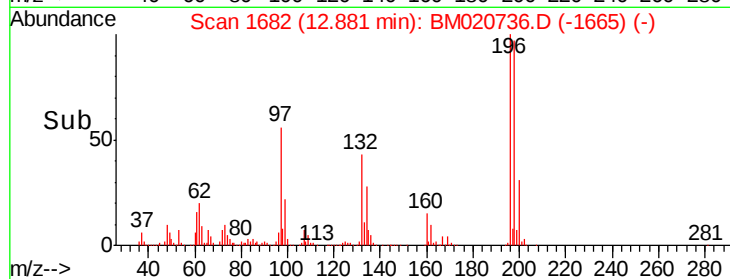
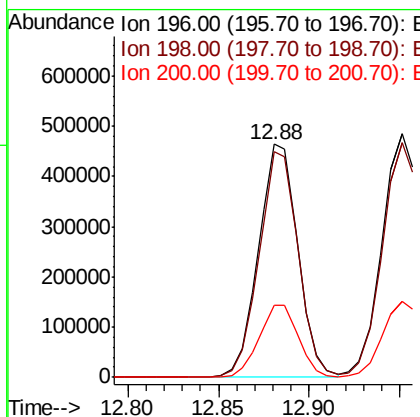
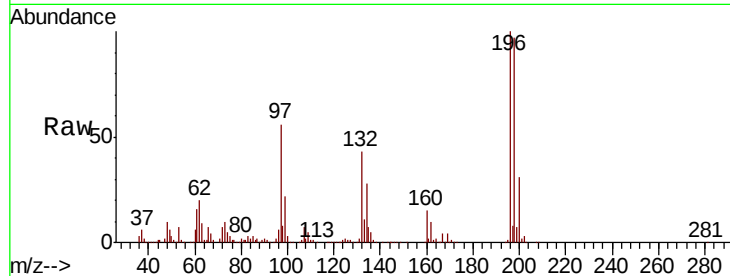




#43
 2,4,6-Trichlorophenol
 Concen: 47.680 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

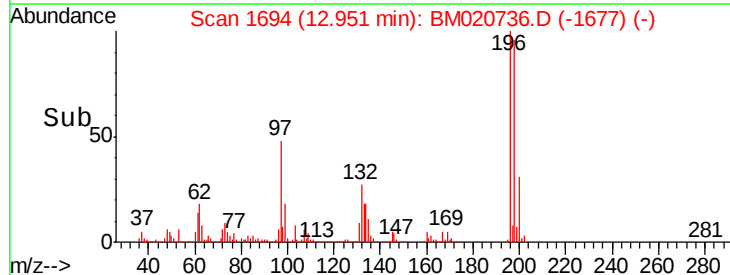
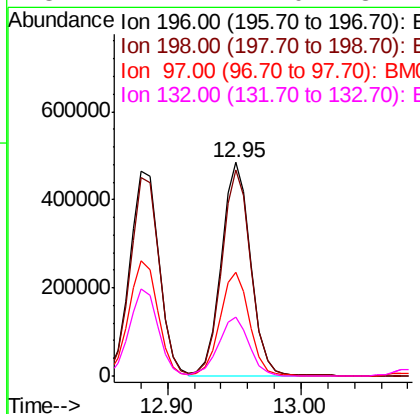
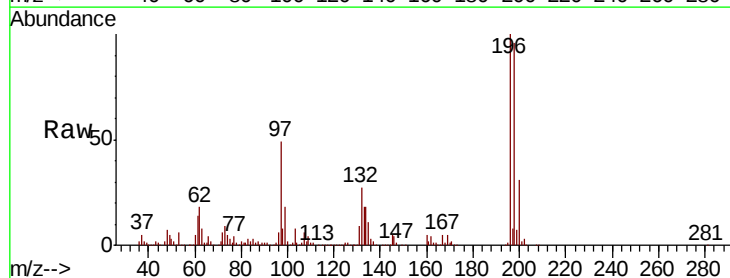
Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

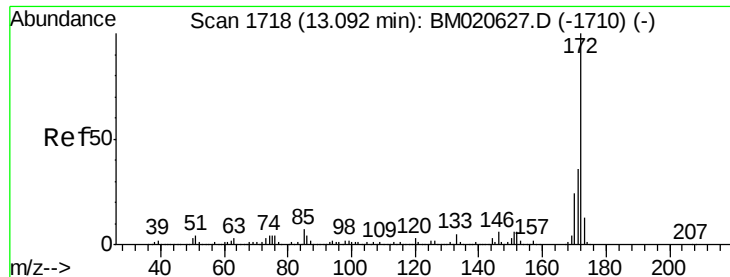
Tot Ion:196 Resp: 698978
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.4 114.6
 200 31.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.835 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion:196 Resp: 739101
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.0 114.0
 97 48.5 39.8 59.8
 132 27.4 21.0 31.4

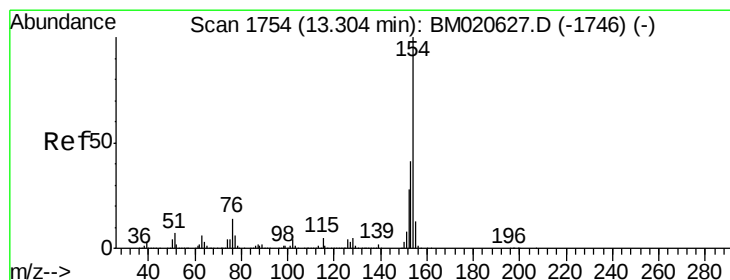
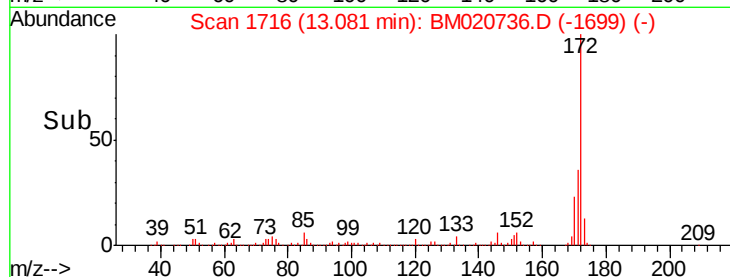
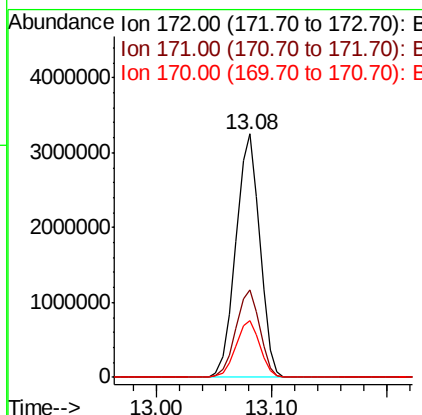
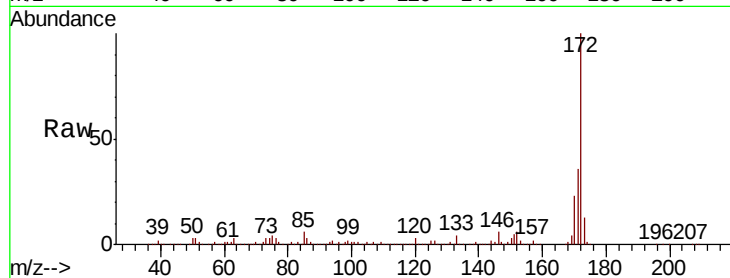




#45
2-Fluorobiphenyl
Concen: 89.226 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

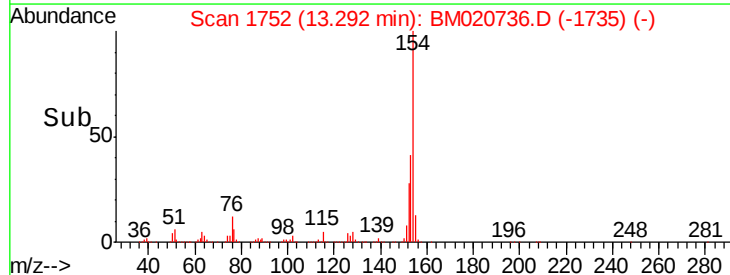
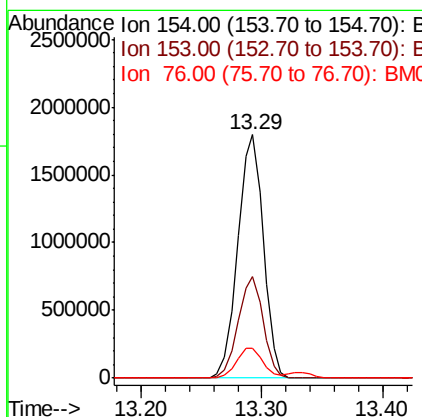
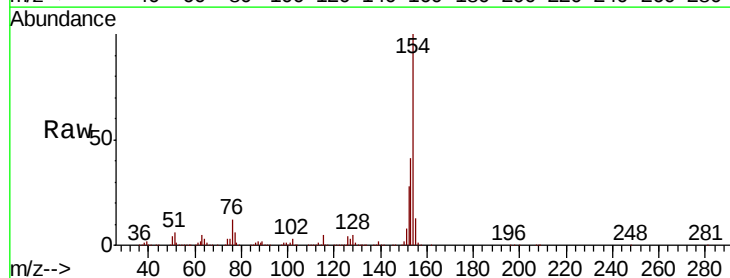
Instrument :
BNA_M
ClientSampleId :
PB120038BS

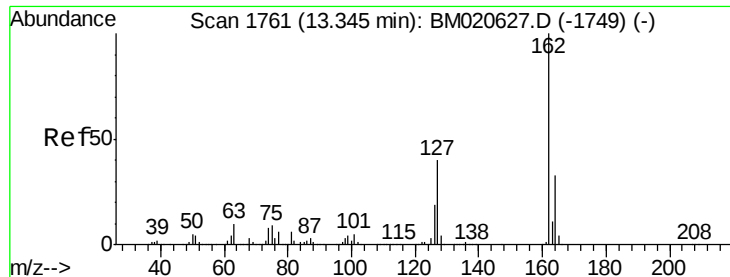
Tot Ion:172 Resp: 4664361
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.576 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:154 Resp: 2645354
Ion Ratio Lower Upper
154 100
153 41.5 20.7 60.7
76 12.5 0.0 32.5

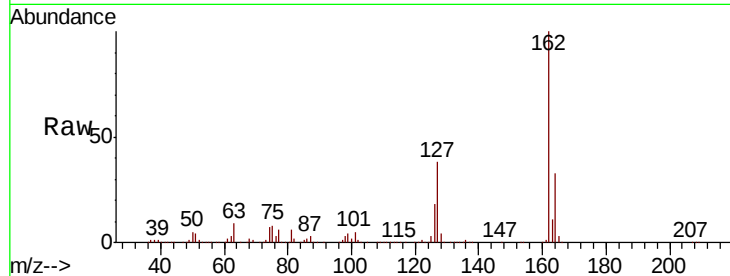




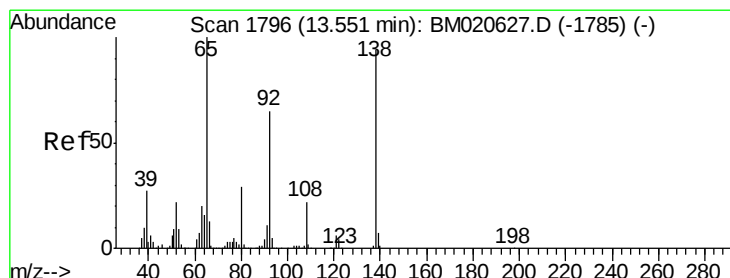
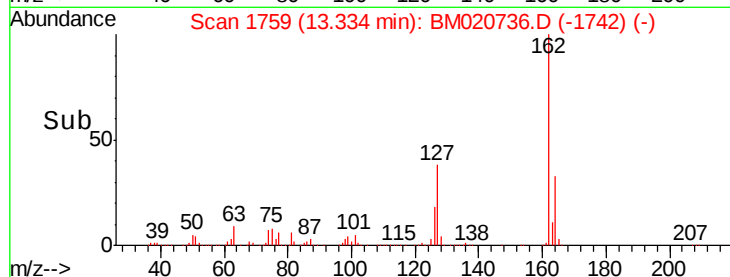
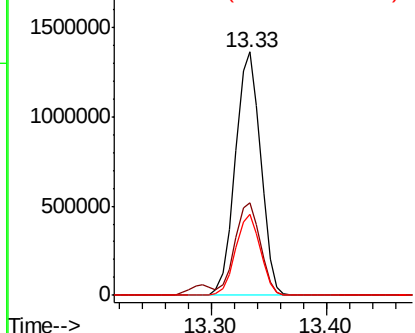
#47
2-Chloronaphthalene
Concen: 44.066 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:162 Resp: 2064291
Ion Ratio Lower Upper
162 100
127 37.9 31.1 46.7
164 33.1 26.1 39.1

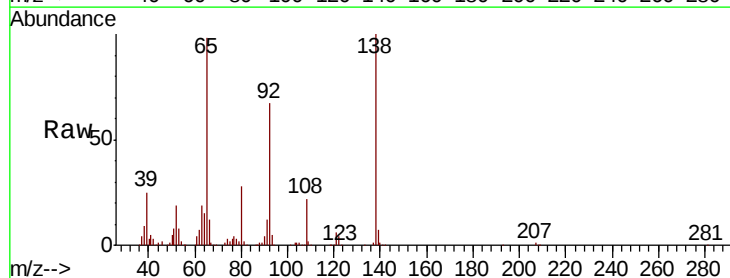


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

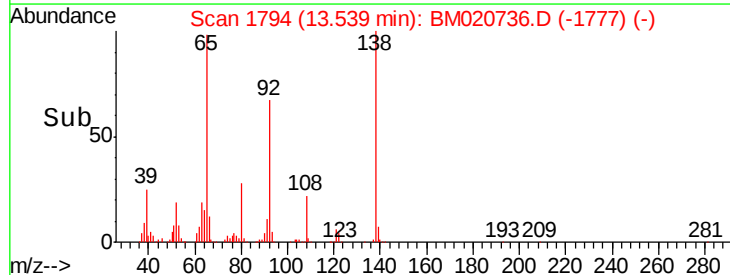
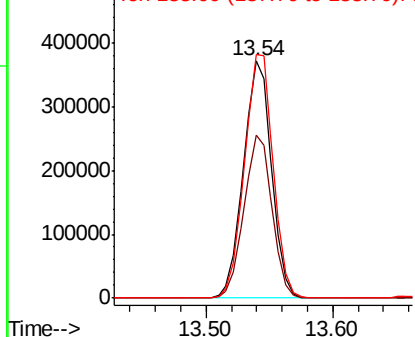


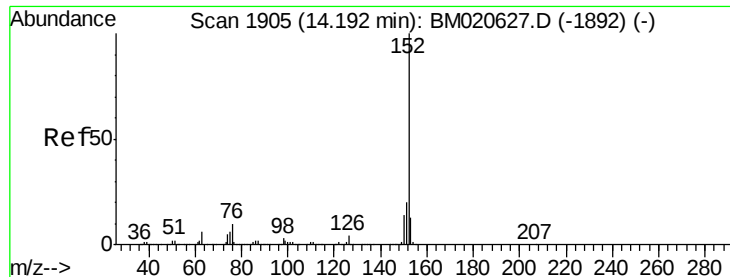
#48
2-Nitroaniline
Concen: 38.926 ng
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion: 65 Resp: 572326
Ion Ratio Lower Upper
65 100
92 68.8 55.2 82.8
138 102.5 82.6 124.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.179 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

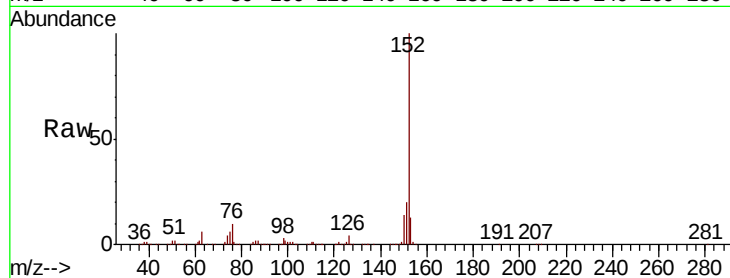
Tot Ion:152 Resp: 3229204

Ion Ratio Lower Upper

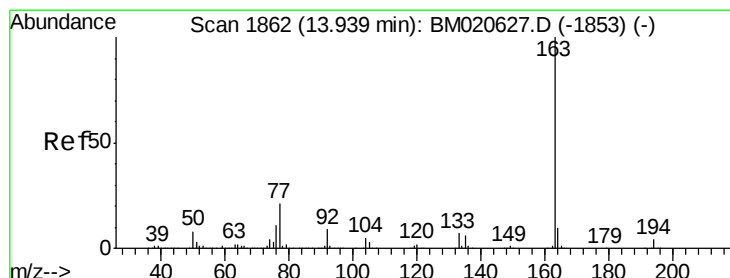
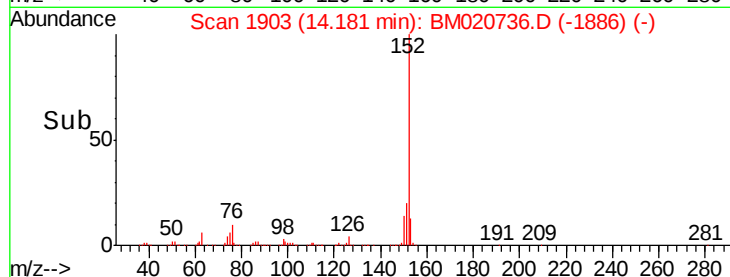
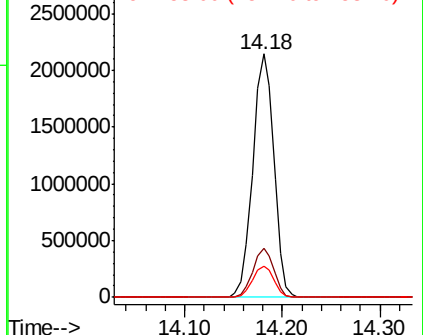
152 100

151 20.2 16.2 24.2

153 13.0 10.6 15.8



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: 40.995 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

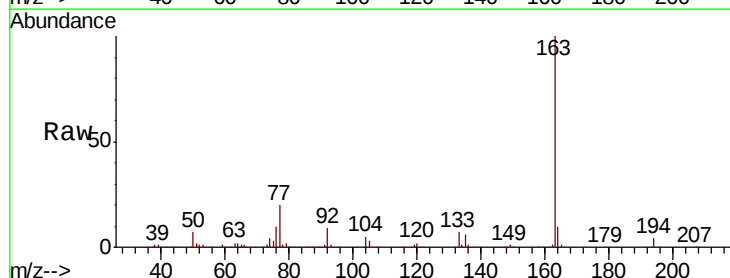
Tgt Ion:163 Resp: 2434079

Ion Ratio Lower Upper

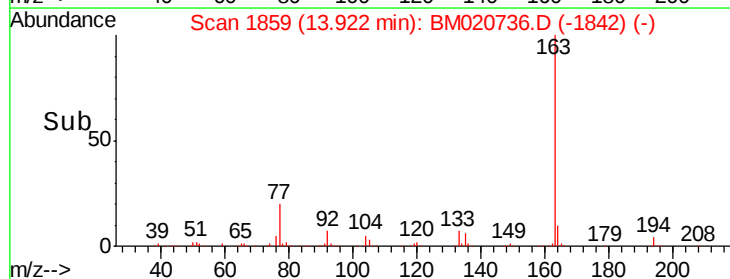
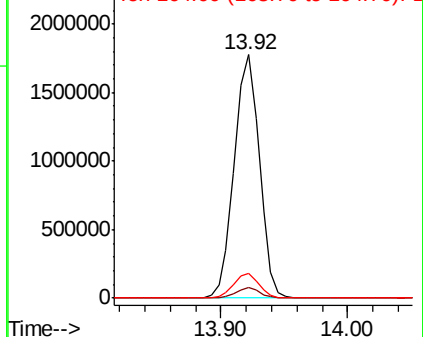
163 100

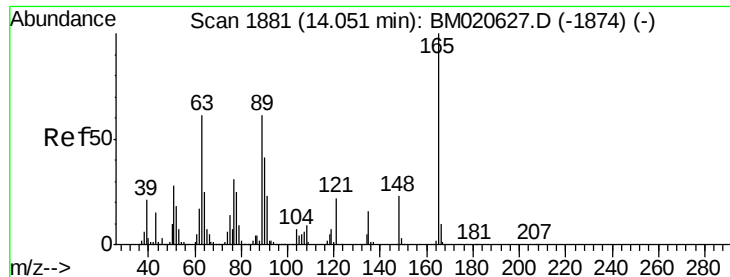
194 4.2 3.2 4.8

164 10.2 8.2 12.4



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

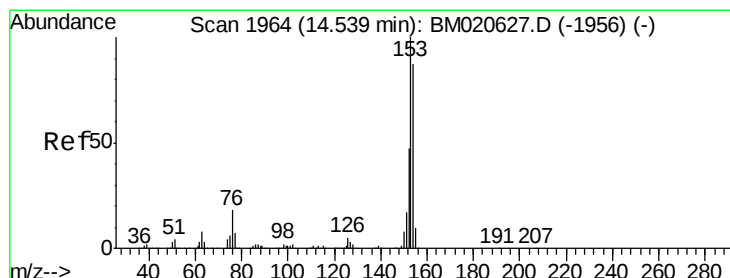
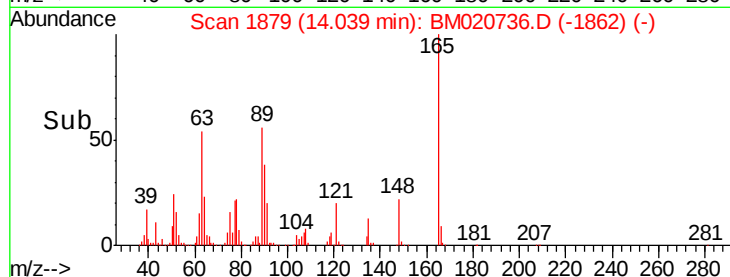
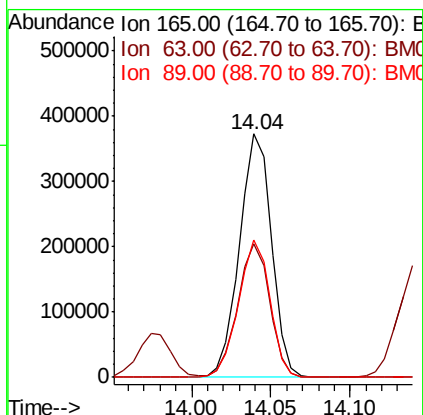
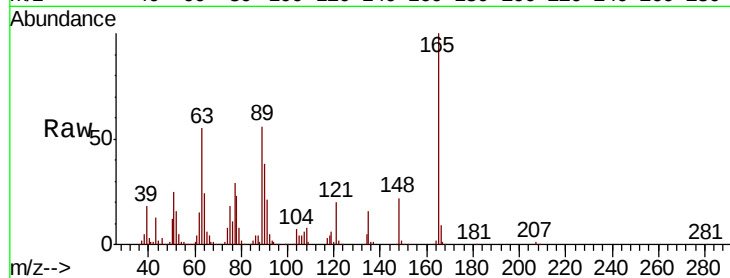




#51
 2,6-Dinitrotoluene
 Concen: 43.416 ng
 RT: 14.04 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

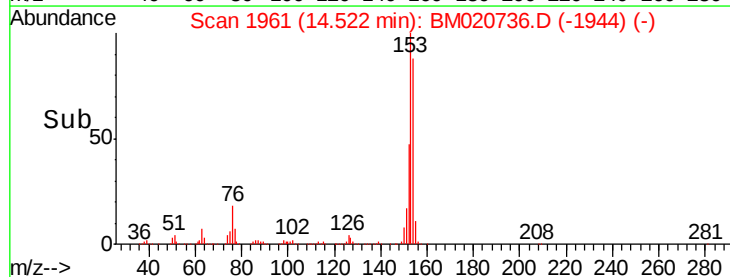
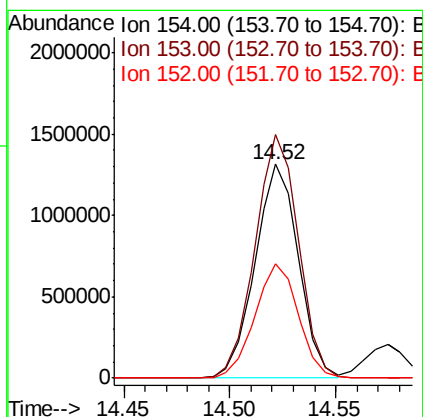
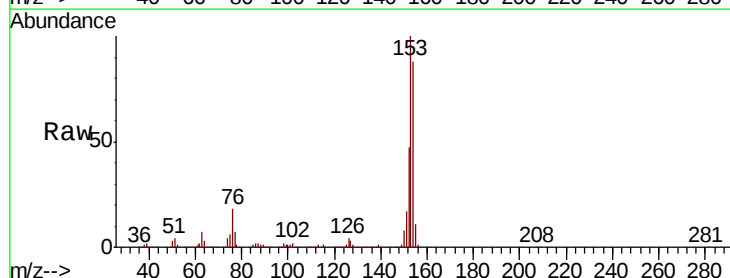
Instrument :
 BNA_M
 ClientSampleId :
 PB120038BS

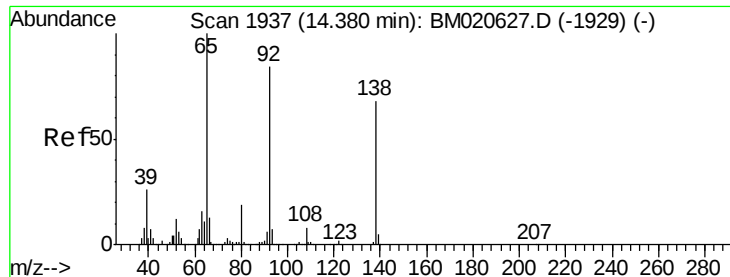
Tot Ion:165 Resp: 523429
 Ion Ratio Lower Upper
 165 100
 63 54.9 45.0 67.6
 89 56.3 43.5 65.3



#52
 Acenaphthene
 Concen: 43.050 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BM020736.D
 Acq: 05 Jun 2019 14:55

Tgt Ion:154 Resp: 1875215
 Ion Ratio Lower Upper
 154 100
 153 113.9 90.6 135.8
 152 53.3 42.6 63.8





#53

3-Nitroaniline

Concen: 23.316 ng

RT: 14.37 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

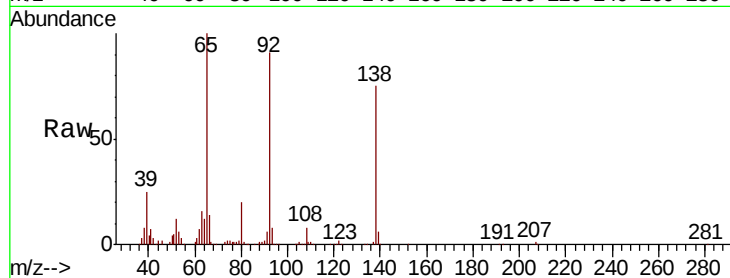
Tot Ion:138 Resp: 313754

Ion Ratio Lower Upper

138 100

108 10.7 8.9 13.3

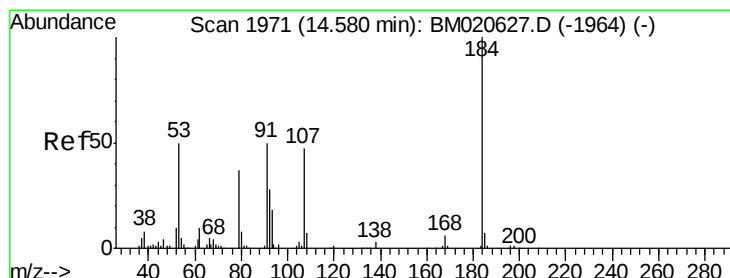
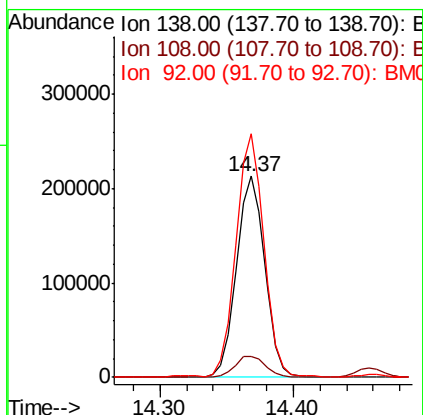
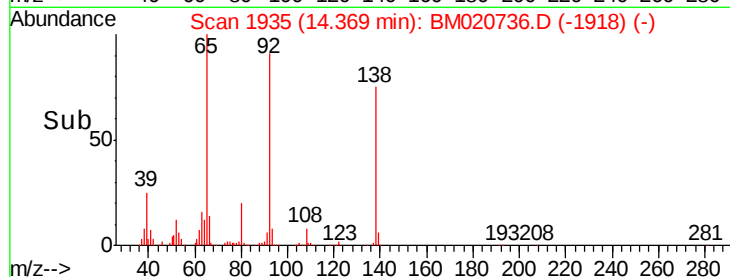
92 121.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 82.554 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

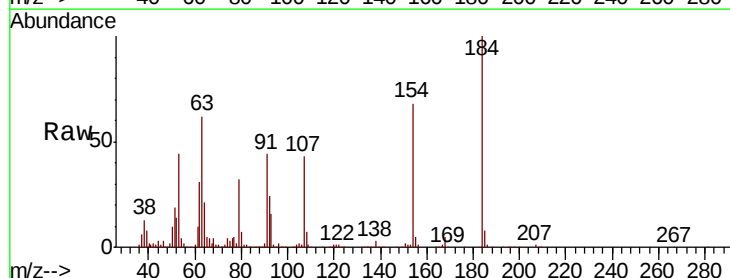
Tgt Ion:184 Resp: 429502

Ion Ratio Lower Upper

184 100

63 62.3 49.8 74.8

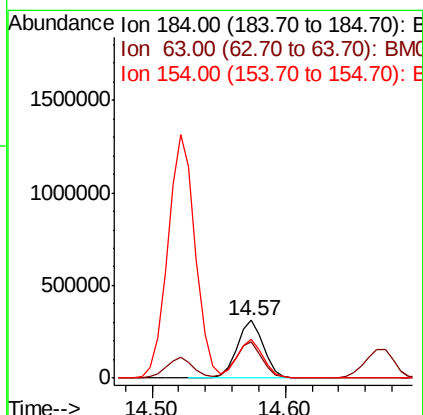
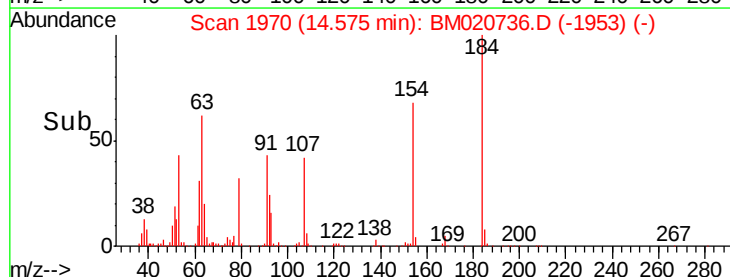
154 67.9 55.4 83.2

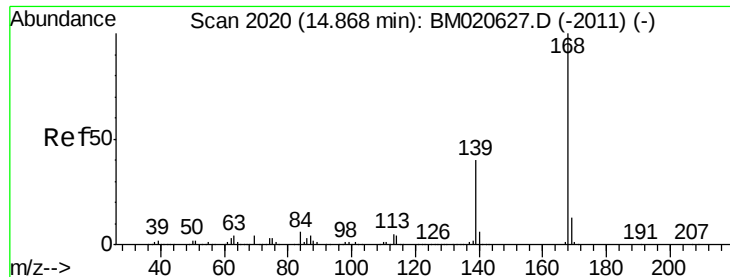


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.180 ng

RT: 14.86 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampled :

PB120038BS

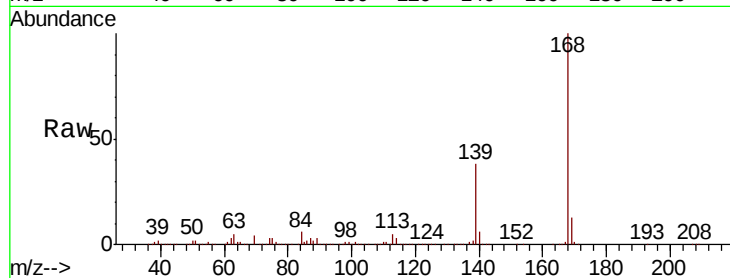
Tot Ion:168 Resp: 2921229

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

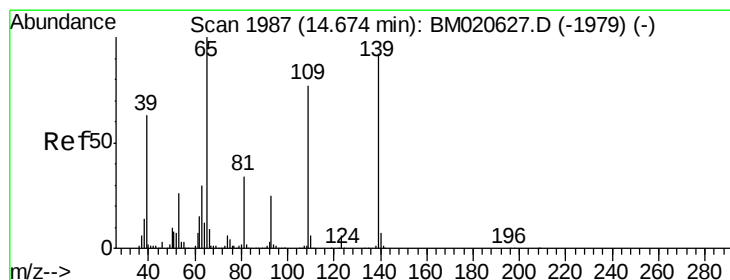
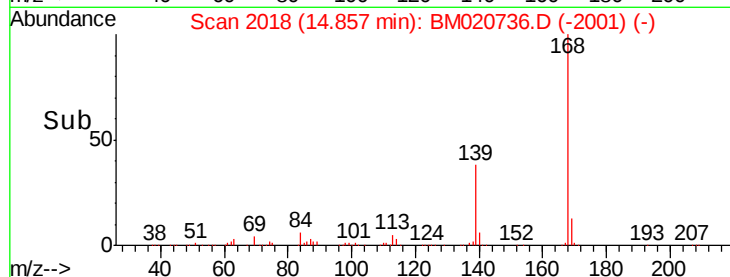
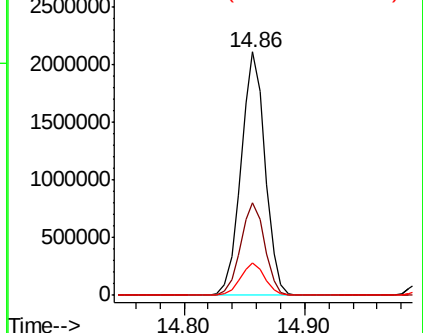
169 13.4 10.6 15.8



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: 80.752 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

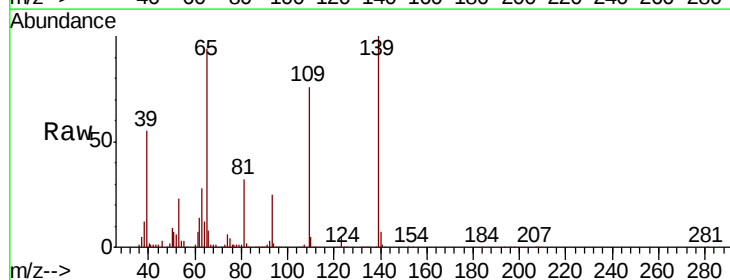
Tgt Ion:139 Resp: 800773

Ion Ratio Lower Upper

139 100

109 76.0 58.0 98.0

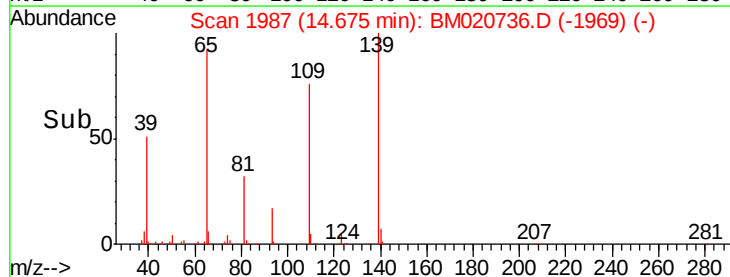
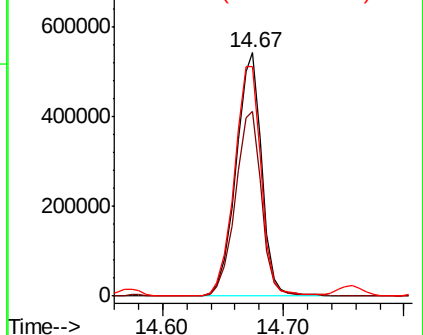
65 94.2 78.3 118.3

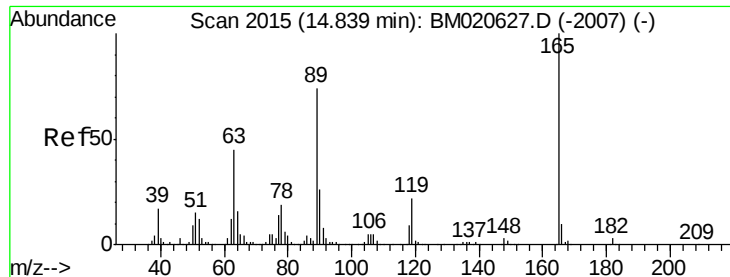


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

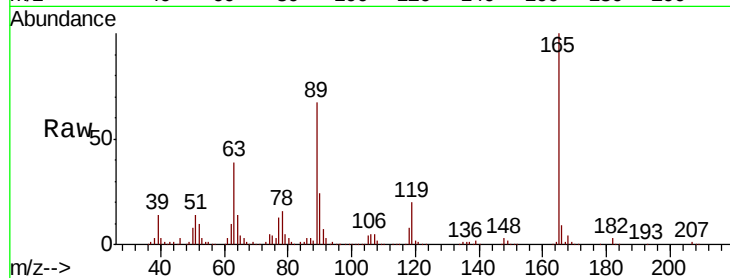




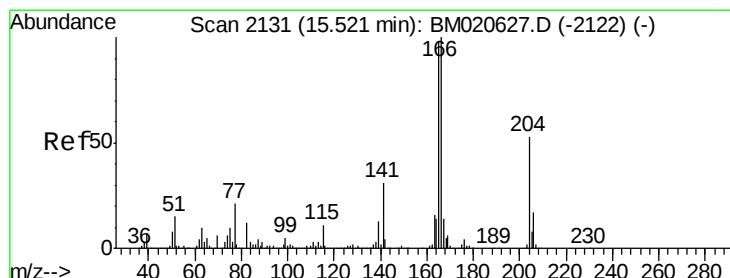
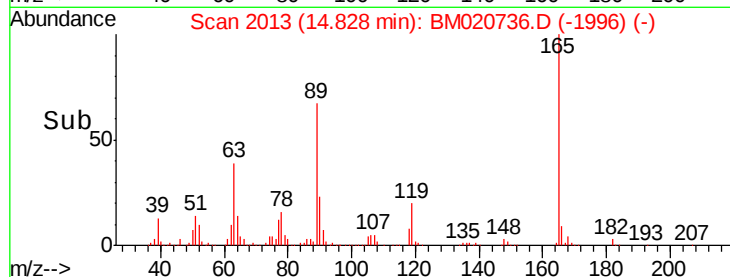
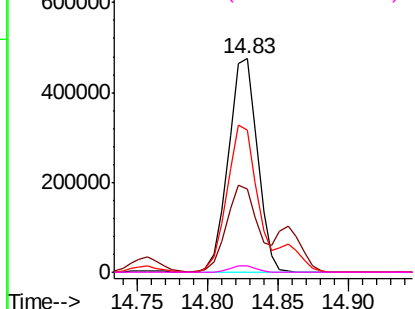
#57
2,4-Dinitrotoluene
Concen: 42.175 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	32.8	49.2
89	66.7	55.9	83.9
182	2.7	2.4	3.6

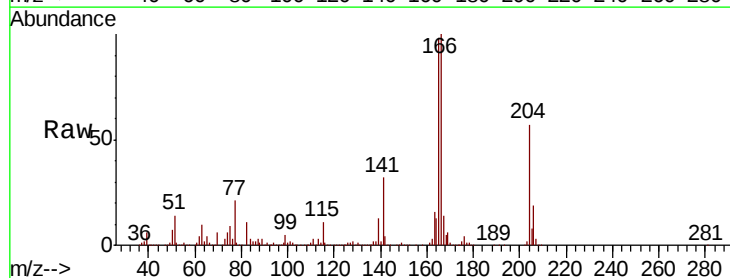


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

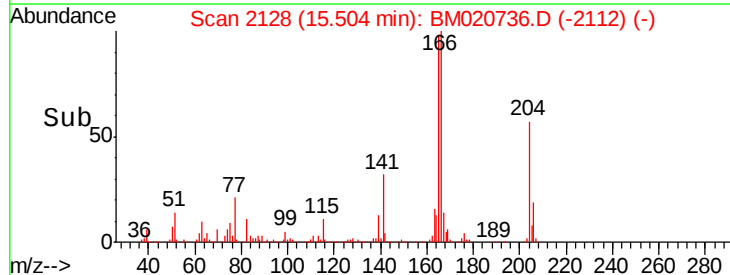
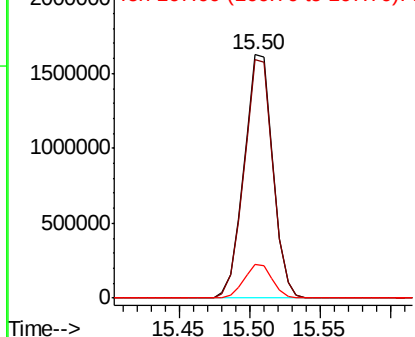


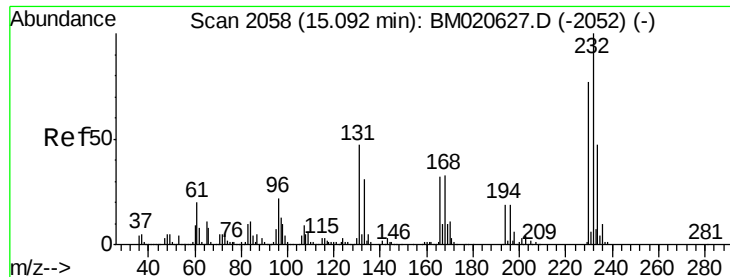
#58
Fluorene
Concen: 41.638 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.2
167	13.6	10.8	16.2



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

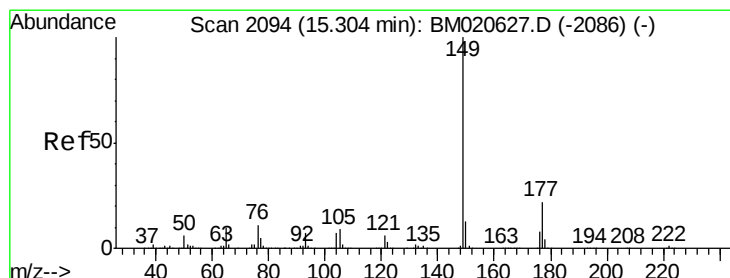
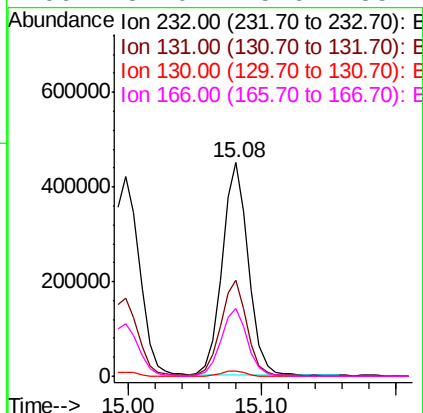
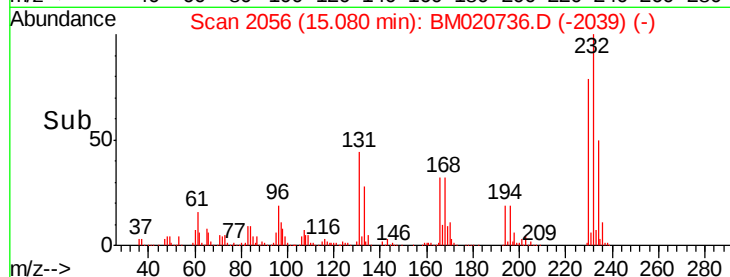
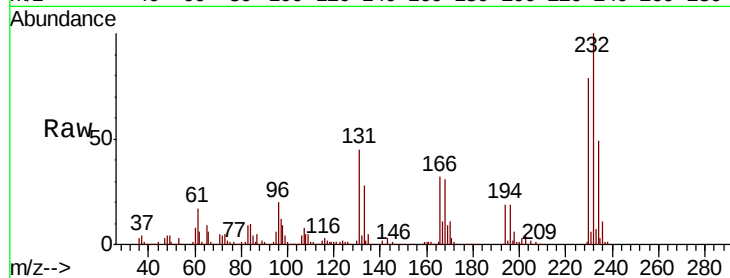




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.973 ng
RT: 15.08 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

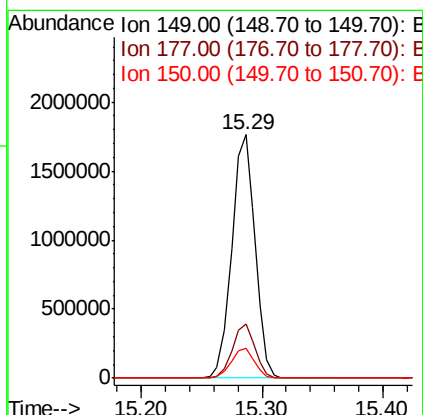
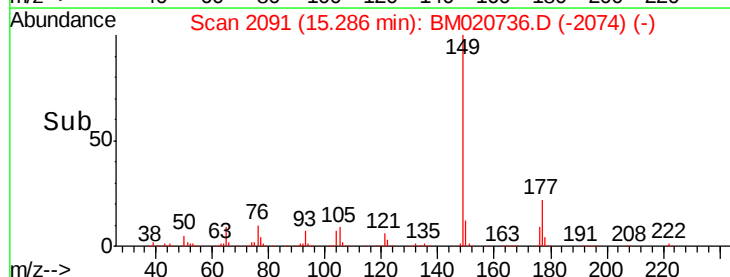
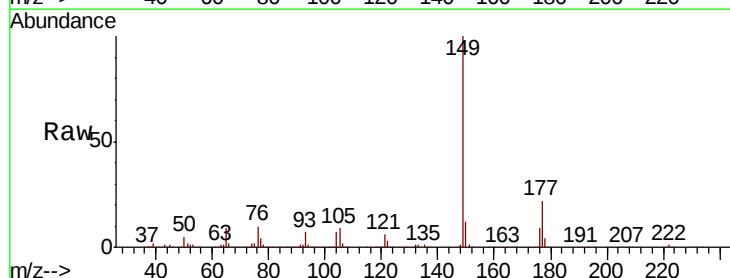
Instrument :
BNA_M
ClientSampleId :
PB120038BS

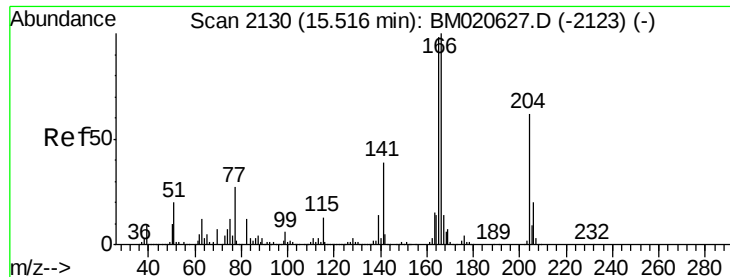
Tot Ion:232 Resp: 619491
Ion Ratio Lower Upper
232 100
131 45.0 36.9 55.3
130 2.4 2.0 3.0
166 32.0 25.6 38.4



#60
Diethylphthalate
Concen: 38.529 ng
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:149 Resp: 2359415
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 12.3 10.0 15.0

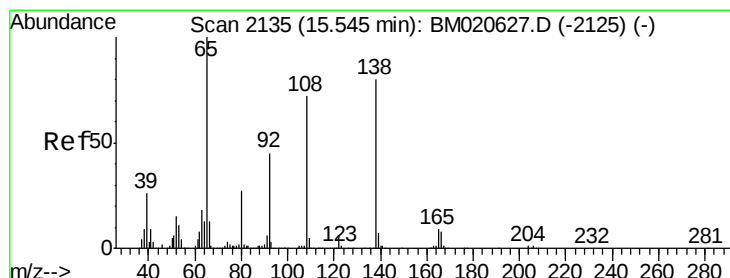
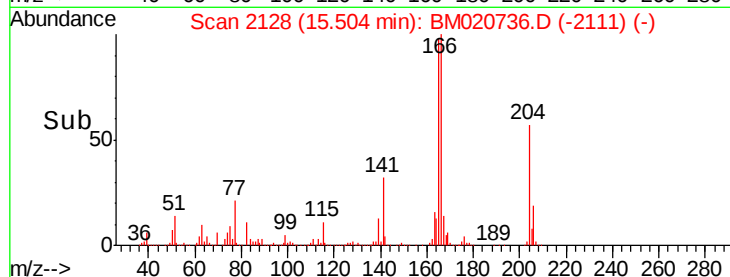
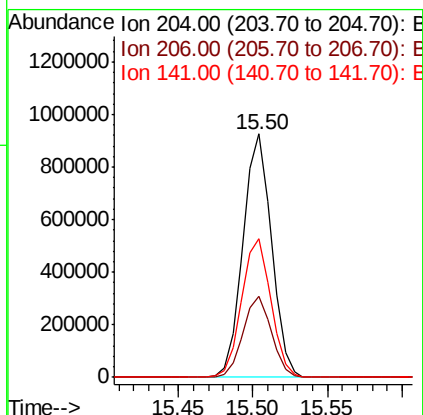
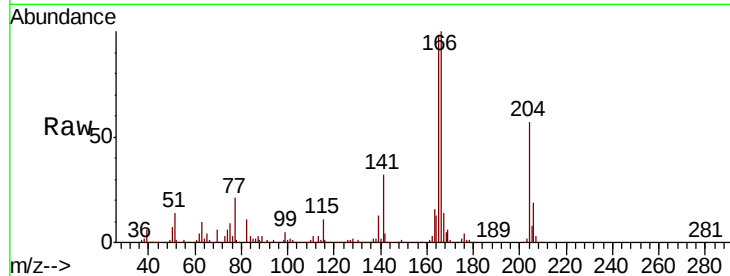




#61
4-Chlorophenyl-phenylether
Concen: 41.545 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

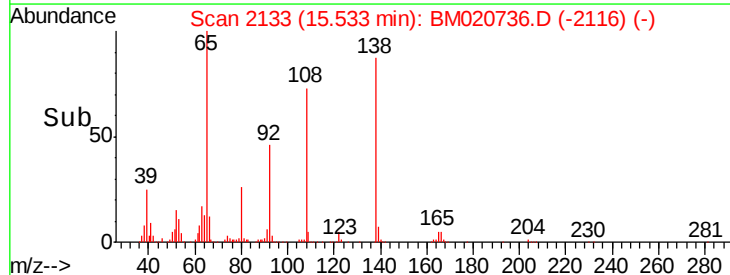
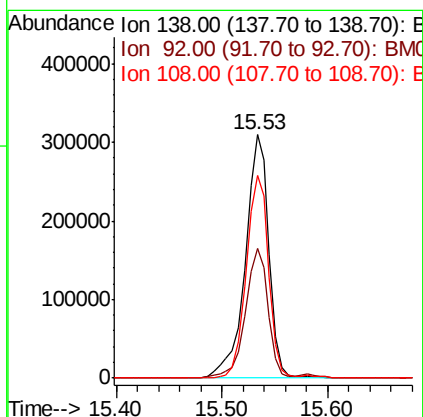
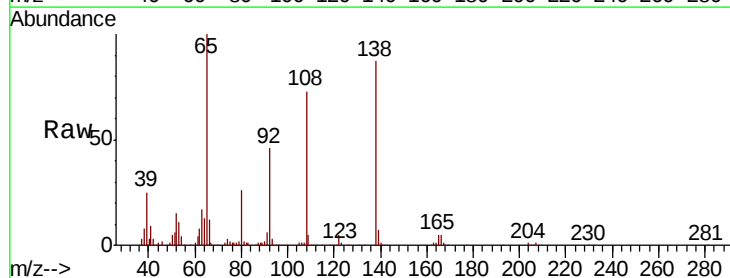
Instrument :
BNA_M
ClientSampleId :
PB120038BS

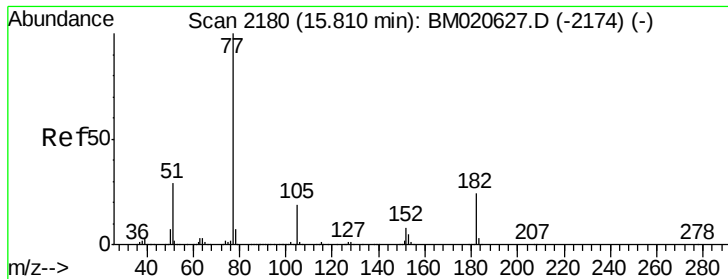
Tot Ion:204 Resp: 1223794
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 57.0 46.7 70.1



#62
4-Nitroaniline
Concen: 33.610 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:138 Resp: 479673
Ion Ratio Lower Upper
138 100
92 53.4 33.2 73.2
108 83.5 64.1 104.1





#63

Azobenzene

Concen: 37.607 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

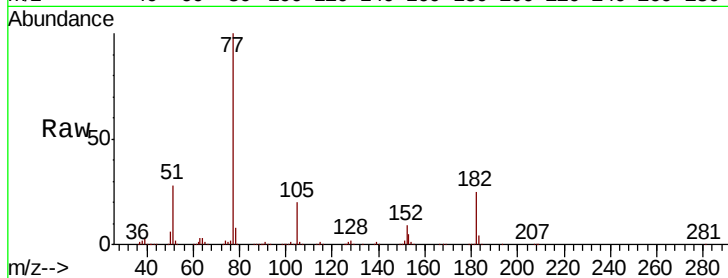
BNA_M

ClientSampleId :

PB120038BS

Tot Ion: 77 Resp: 2207870

Ion	Ratio	Lower	Upper
77	100		
182	25.4	6.3	46.3
105	20.0	0.4	40.4
51	27.9	8.3	48.3



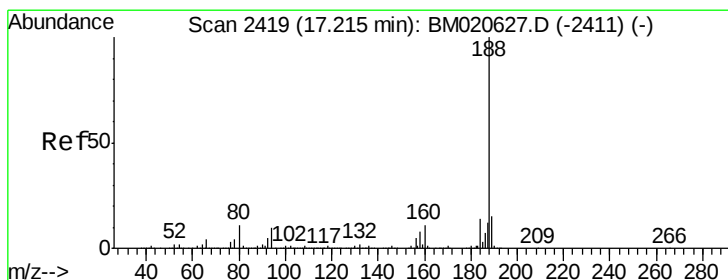
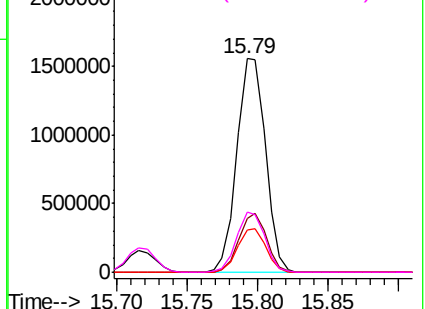
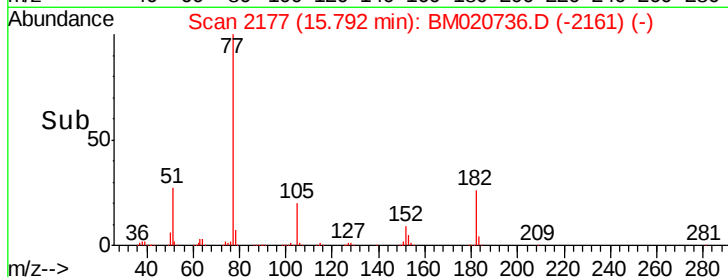
Abundance

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: 17.20 min Scan# 2417

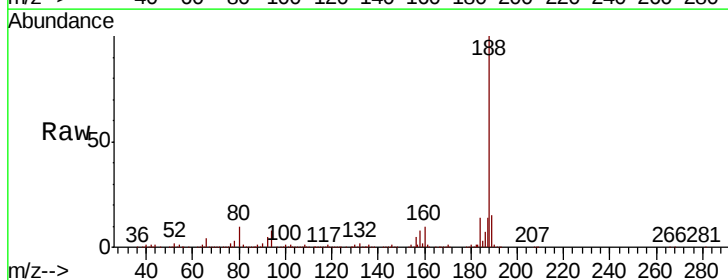
Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion: 188 Resp: 1333744

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	9.5	7.8	11.8

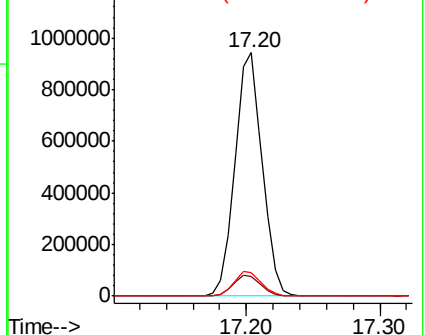
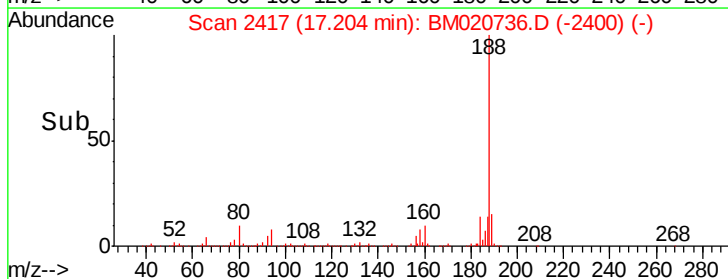


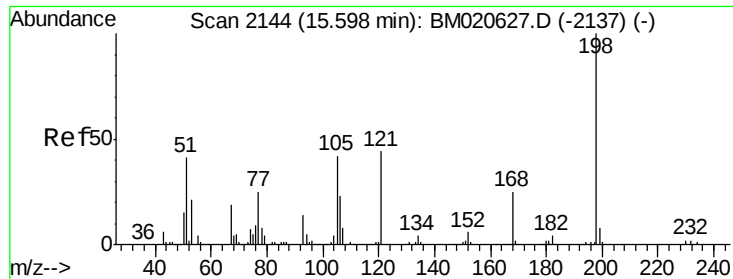
Abundance

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: 44.274 ng

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

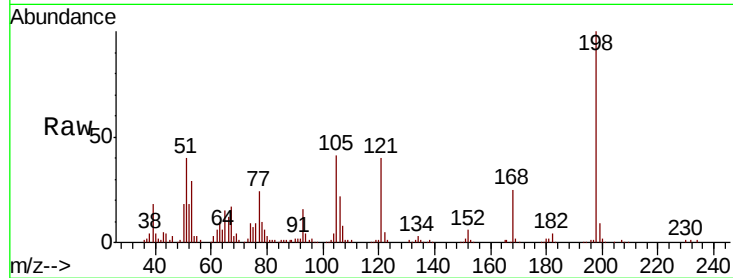
Tot Ion:198 Resp: 263598

Ion Ratio Lower Upper

198 100

51 40.4 21.6 61.6

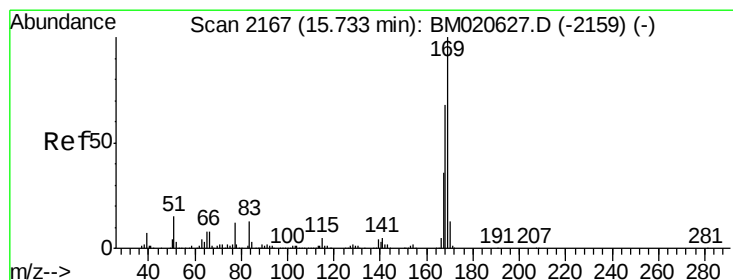
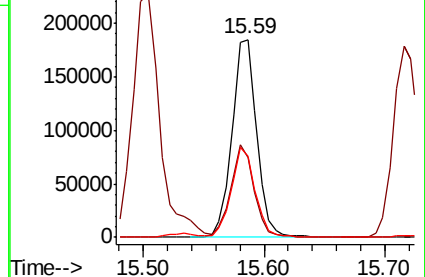
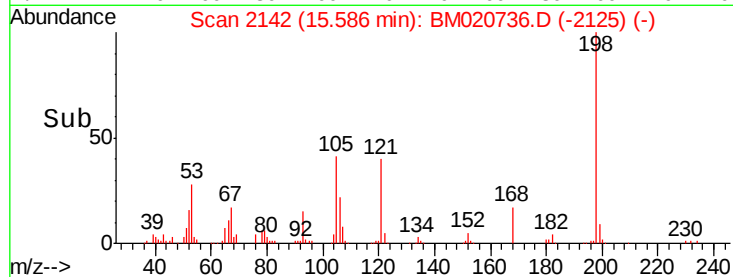
105 41.0 20.6 60.6



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: 46.183 ng

RT: 15.72 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

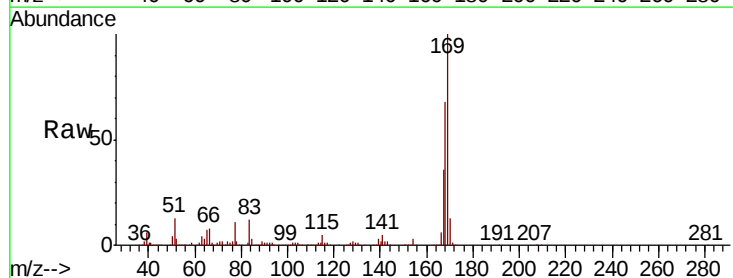
Tgt Ion:169 Resp: 1971836

Ion Ratio Lower Upper

169 100

168 67.7 54.7 82.1

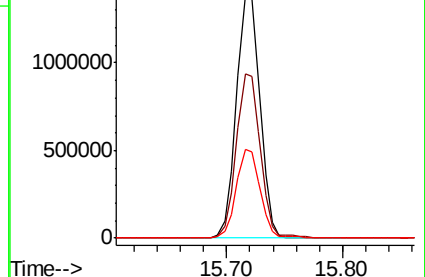
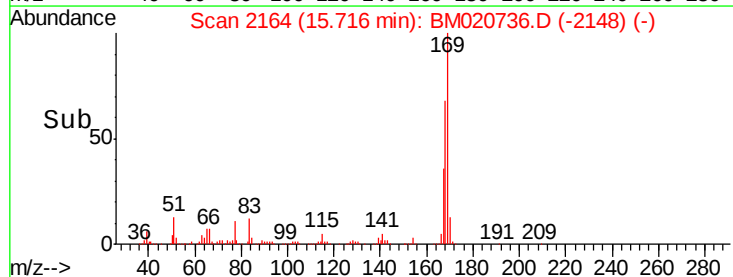
167 36.4 29.3 43.9

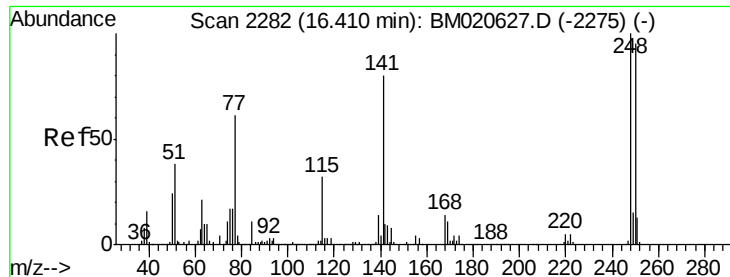


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

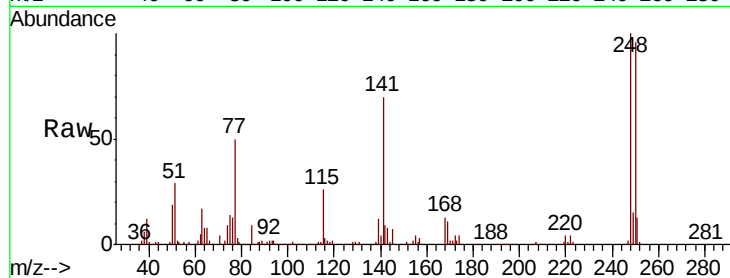




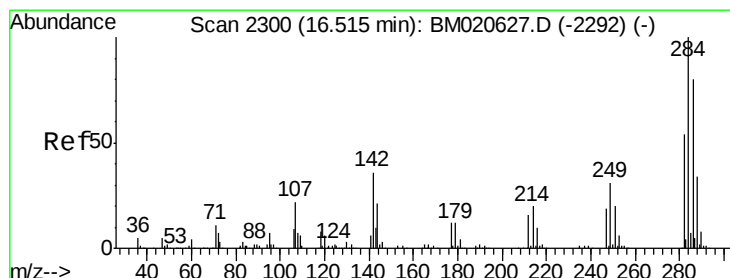
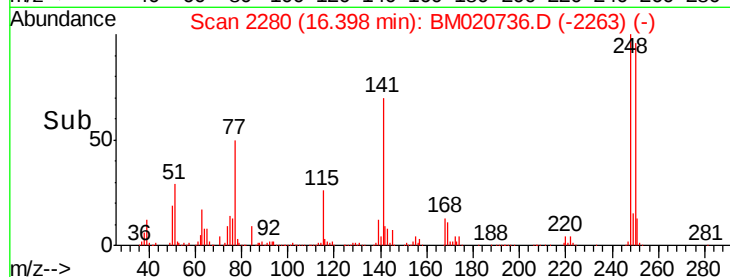
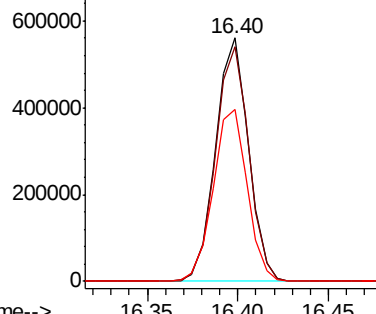
#67
4-Bromophenyl-phenylether
Concen: 44.965 ng
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Instrument :
BNA_M
ClientSampleId :
PB120038BS

Tot Ion:248 Resp: 706106
Ion Ratio Lower Upper
248 100
250 96.3 77.4 116.2
141 70.5 58.2 87.2

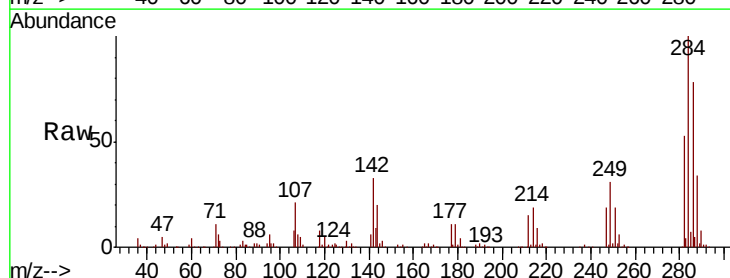


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

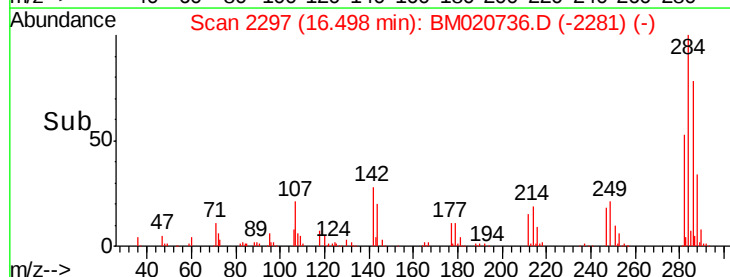
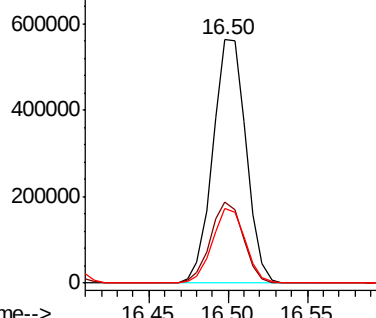


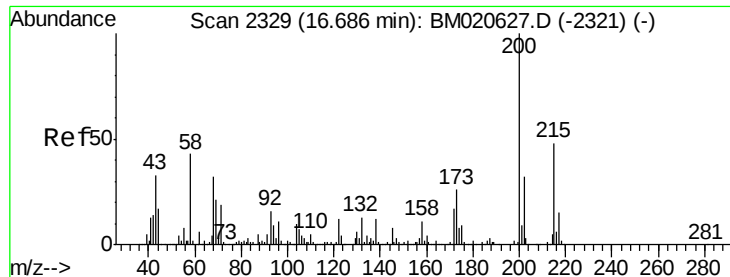
#68
Hexachlorobenzene
Concen: 44.547 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:284 Resp: 816870
Ion Ratio Lower Upper
284 100
142 33.3 25.4 38.0
249 30.7 24.9 37.3



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: 48.312 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

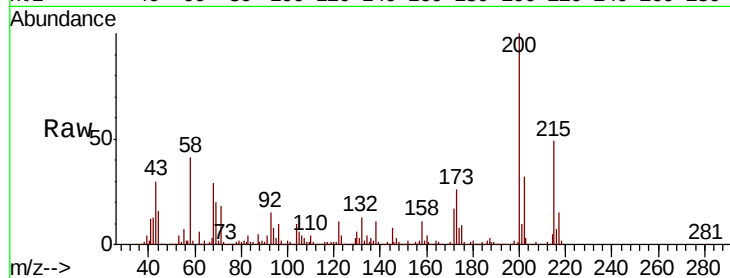
Tot Ion:200 Resp: 615634

Ion Ratio Lower Upper

200 100

173 26.1 5.7 45.7

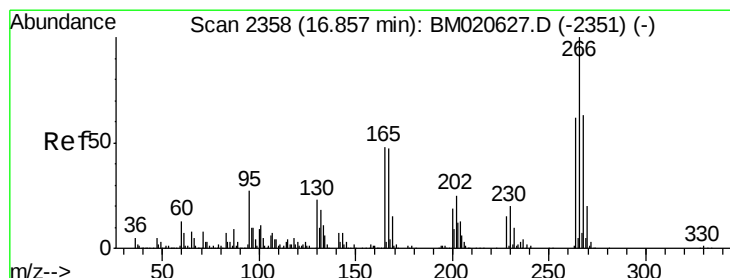
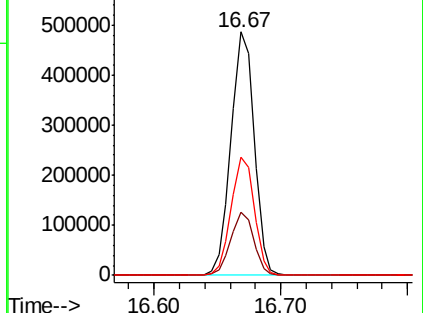
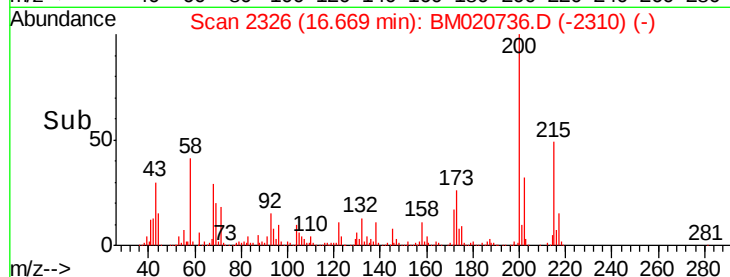
215 48.8 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.721 ng

RT: 16.85 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

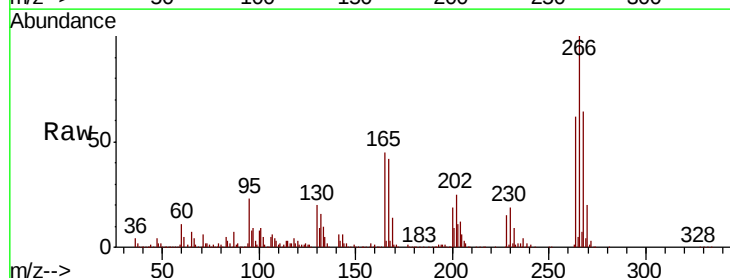
Tgt Ion:266 Resp: 898599

Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

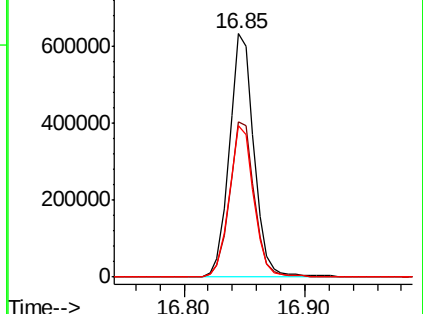
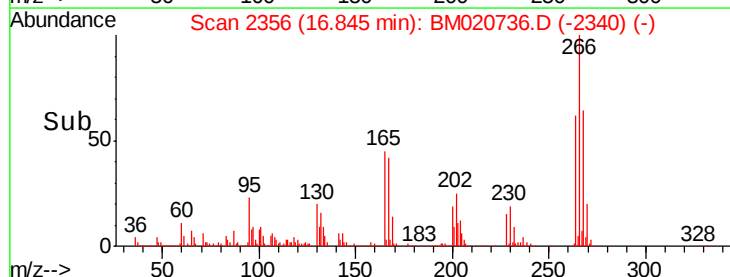
264 62.4 49.9 74.9

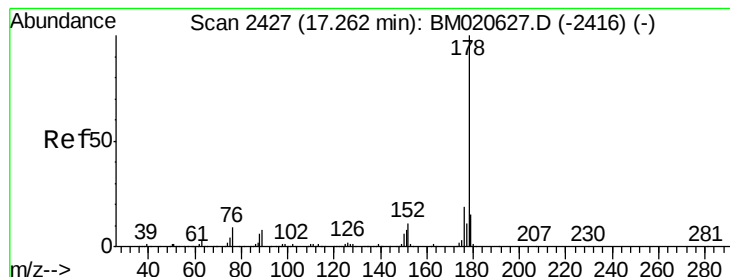


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.438 ng

RT: 17.25 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

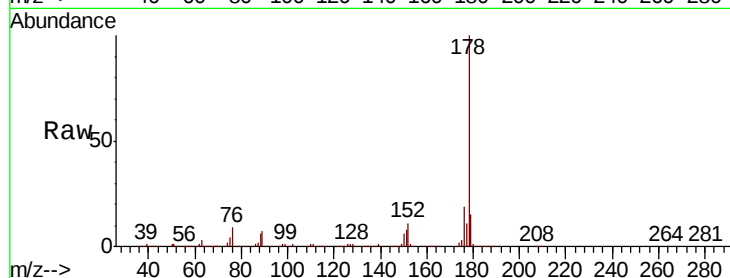
Tot Ion:178 Resp: 3283945

Ion Ratio Lower Upper

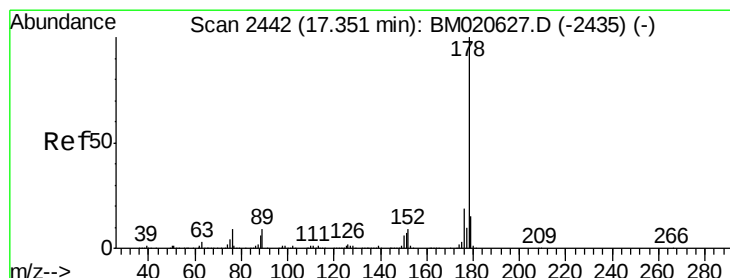
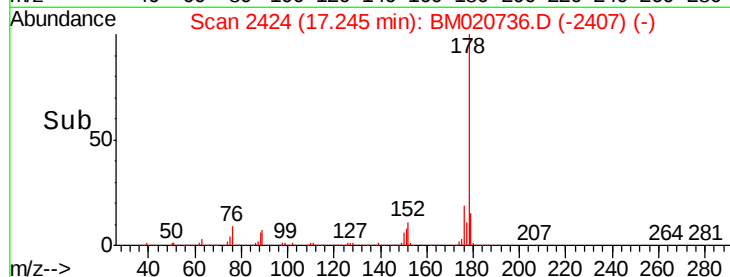
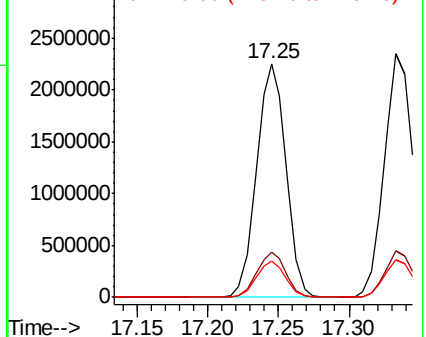
178 100

176 19.3 15.1 22.7

179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.755 ng

RT: 17.33 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

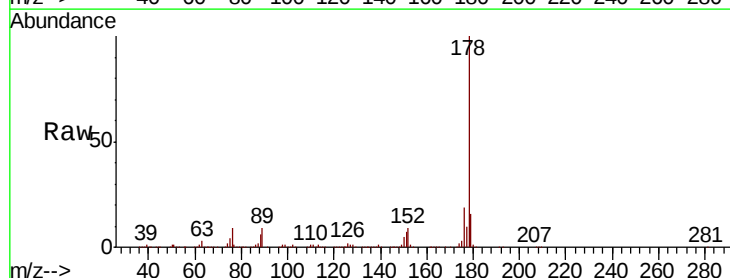
Tgt Ion:178 Resp: 3310850

Ion Ratio Lower Upper

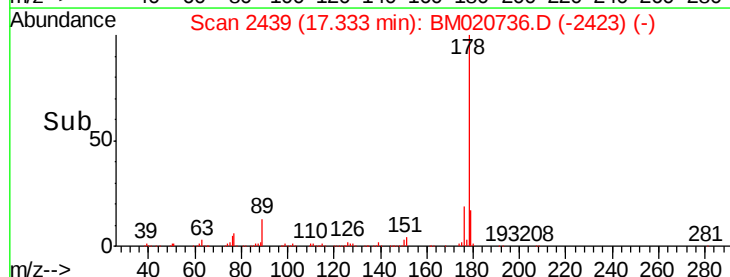
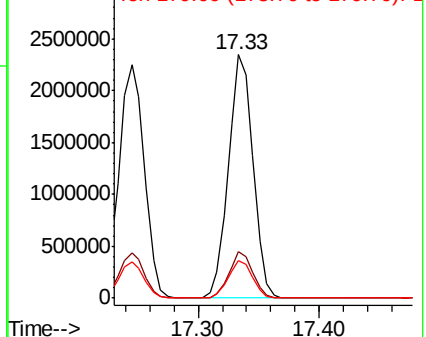
178 100

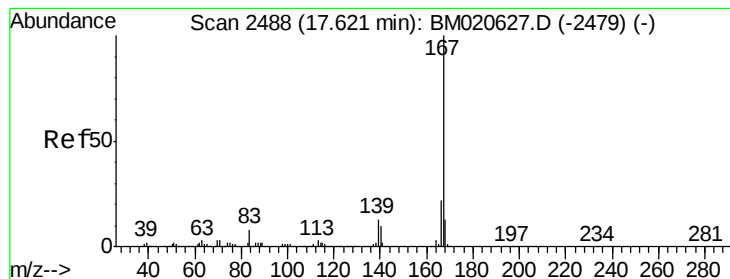
176 18.9 14.8 22.2

179 15.6 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.934 ng

RT: 17.61 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

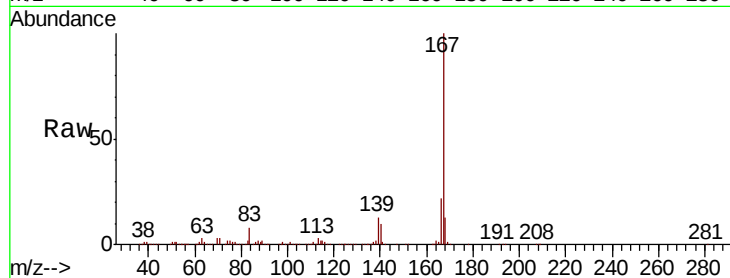
Tot Ion:167 Resp: 2810767

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

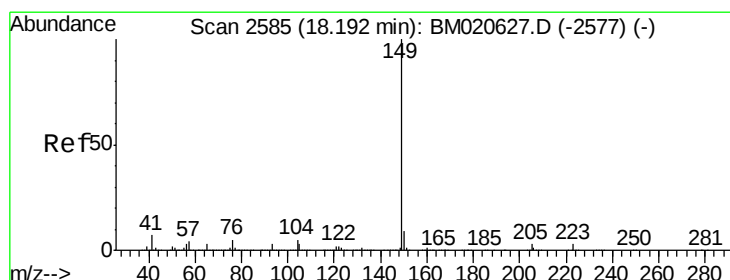
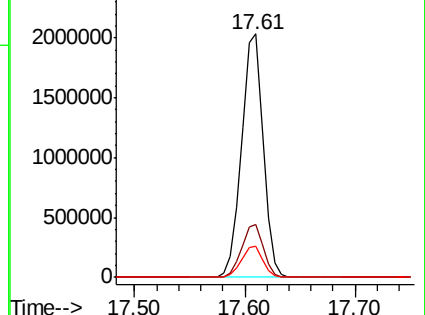
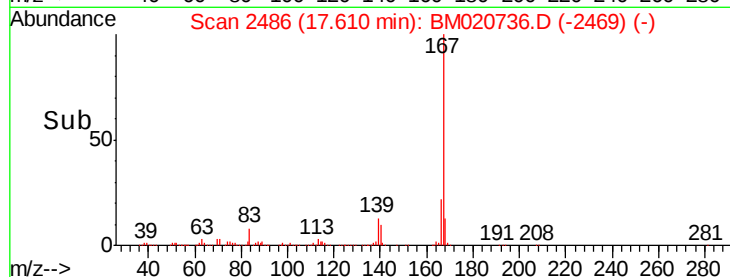
139 12.6 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.514 ng

RT: 18.17 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

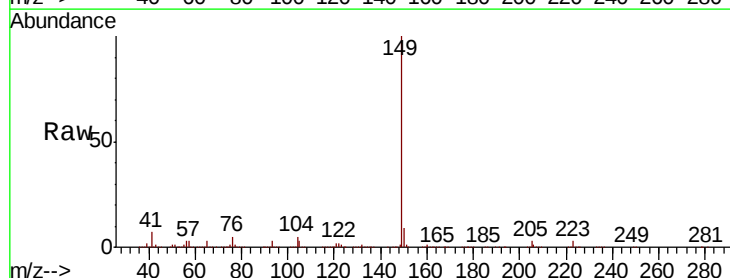
Tgt Ion:149 Resp: 3433003

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

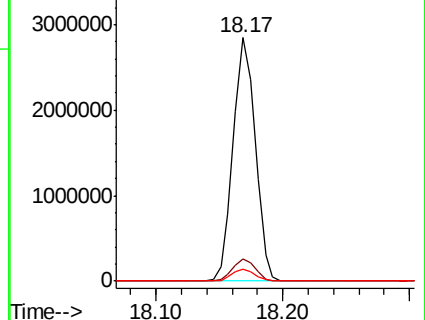
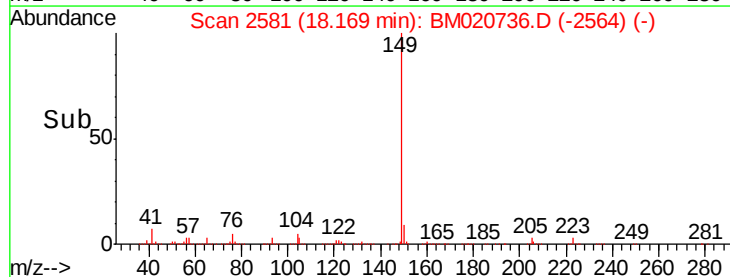
104 5.0 4.1 6.1

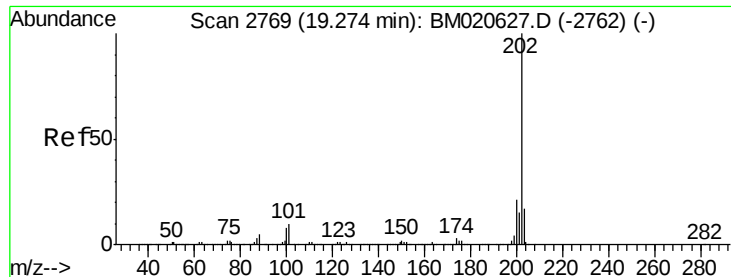


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.174 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

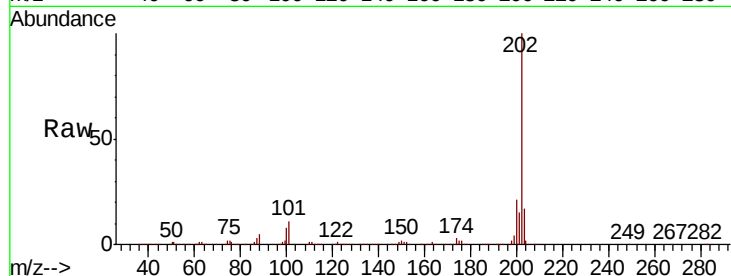
Tot Ion:202 Resp: 3377626

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.5

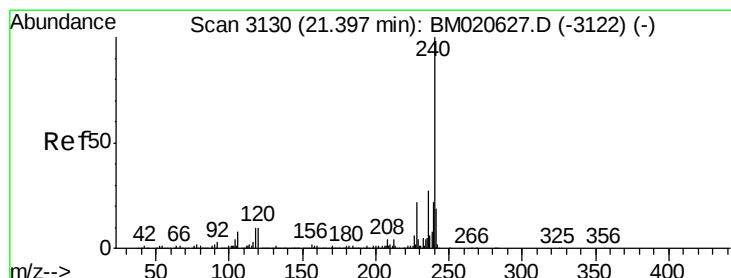
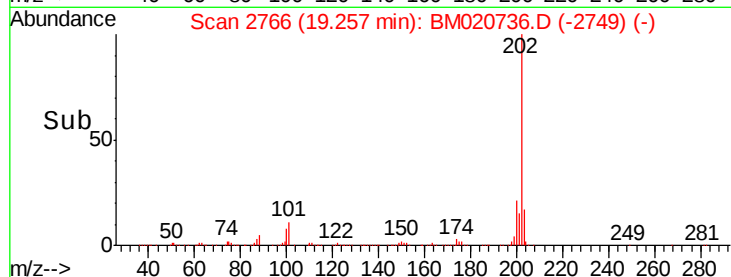
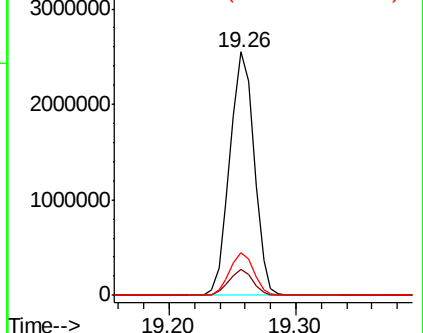
203 17.4 0.0 37.5



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: 21.38 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

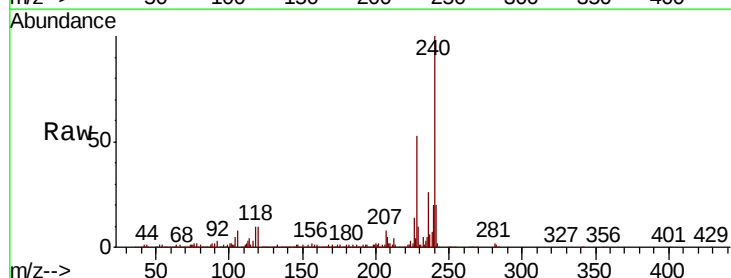
Tgt Ion:240 Resp: 1053080

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

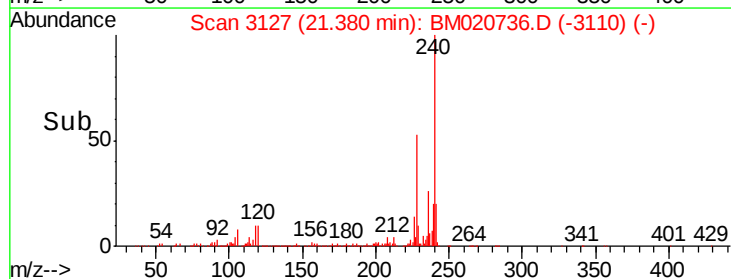
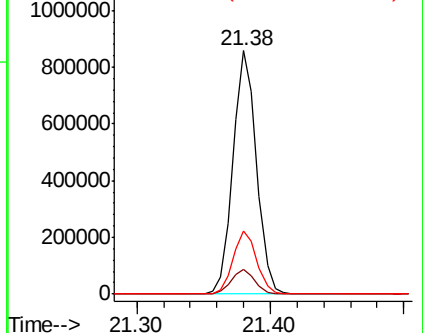
236 25.8 21.1 31.7

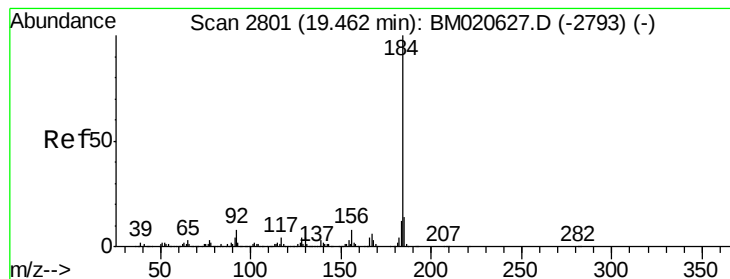


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.088 ng

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

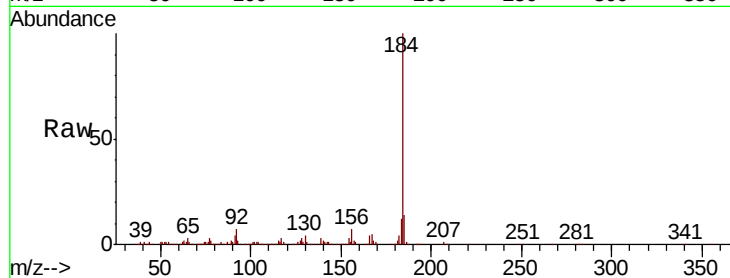
Tot Ion:184 Resp: 1374900

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	12.1	9.8	14.8

184 100

185 14.0 11.3 16.9

183 12.1 9.8 14.8

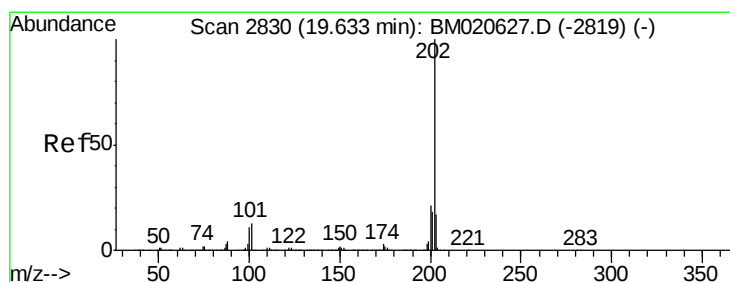
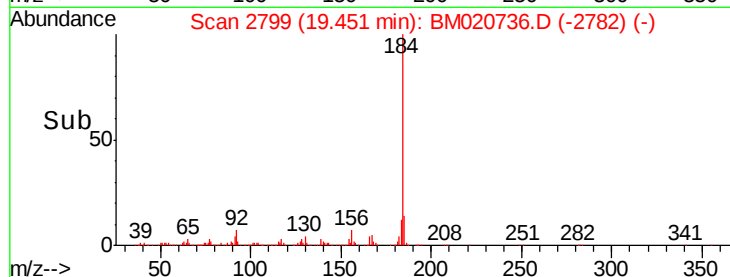
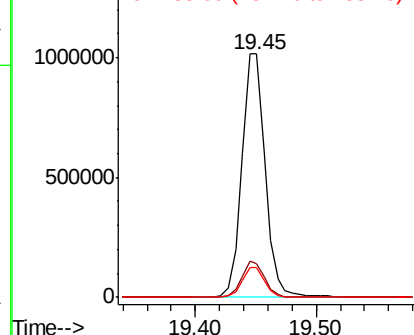


Abundance

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: 42.054 ng

RT: 19.62 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

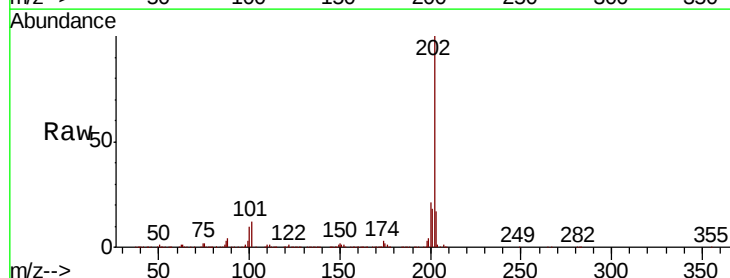
Tgt Ion:202 Resp: 3398489

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	17.4	14.1	21.1

202 100

200 21.1 16.4 24.6

203 17.4 14.1 21.1

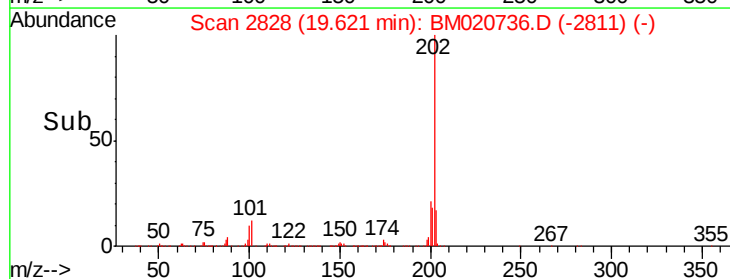
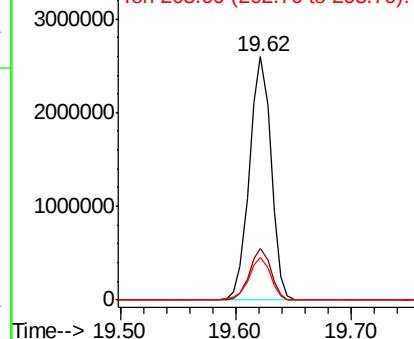


Abundance

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: 80.704 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampled :

PB120038BS

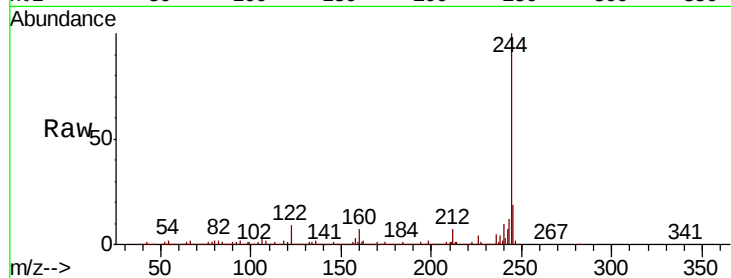
Tot Ion:244 Resp: 5081039

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

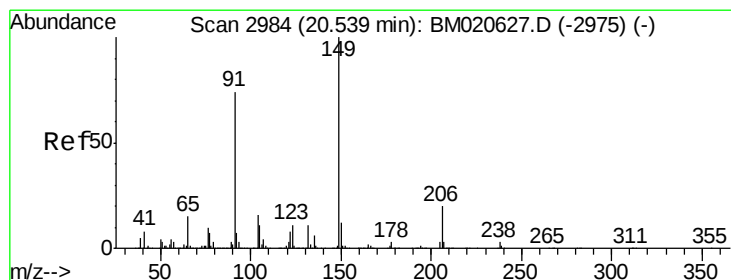
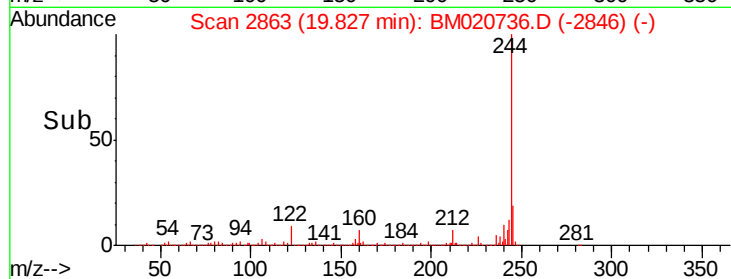
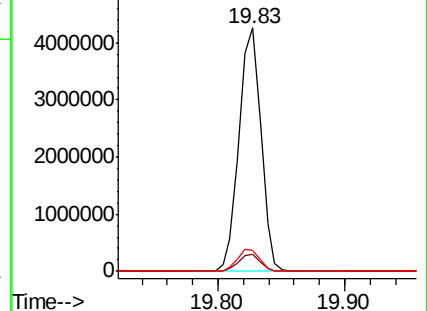
122 8.8 7.4 11.0



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: 37.676 ng

RT: 20.52 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

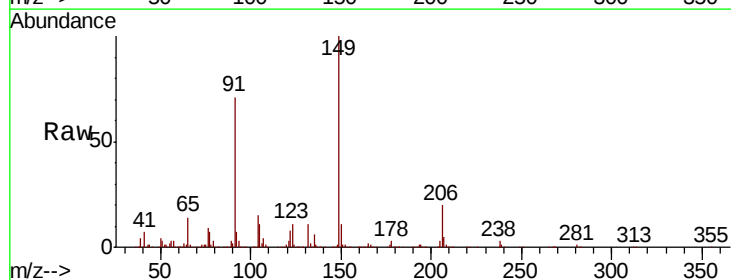
Tgt Ion:149 Resp: 1286668

Ion Ratio Lower Upper

149 100

91 70.9 57.1 85.7

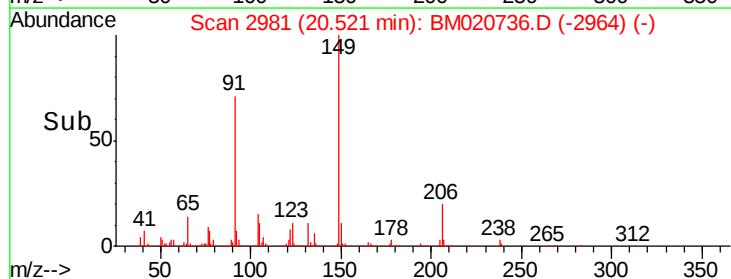
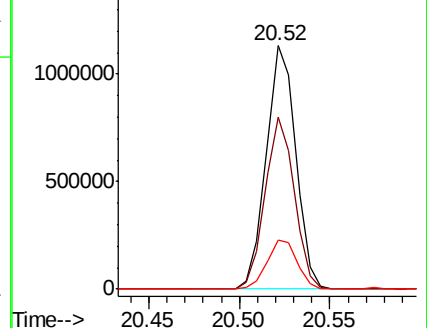
206 20.3 16.3 24.5

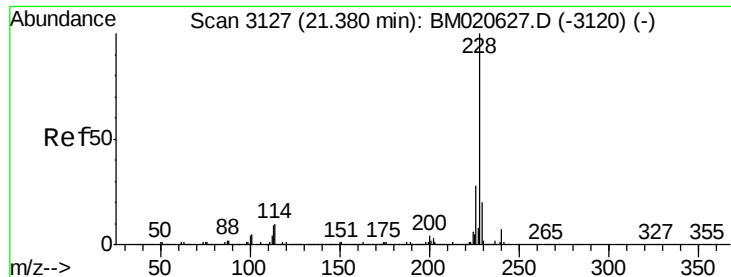


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

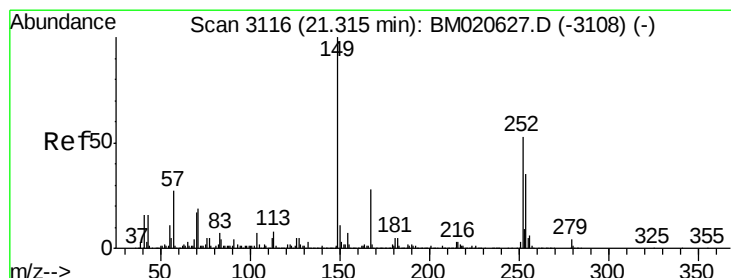
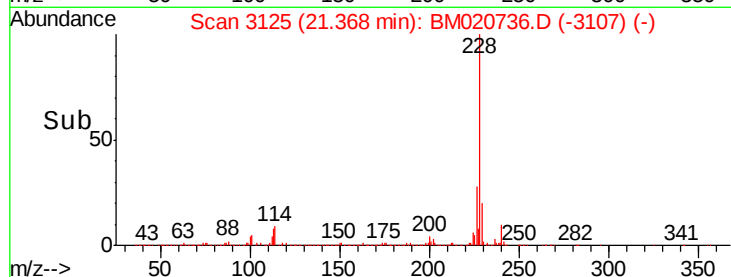
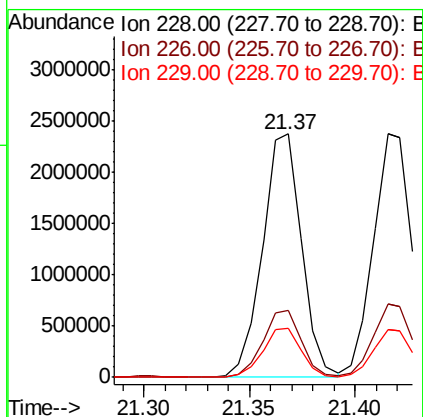
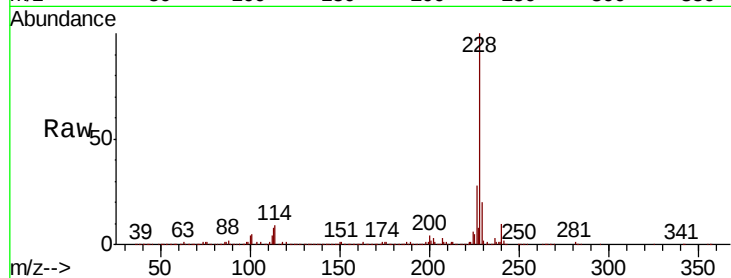




#81
Benzo(a)anthracene
Concen: 41.672 ng
RT: 21.37 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

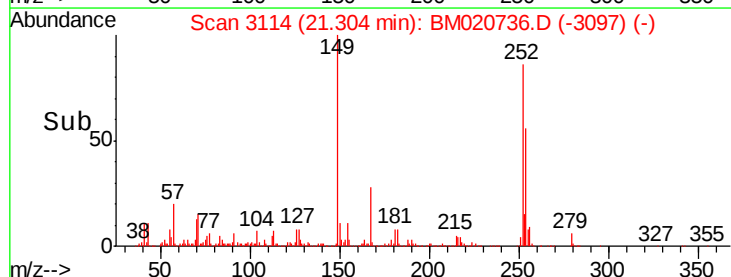
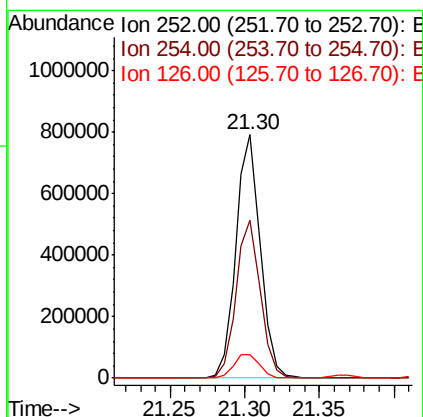
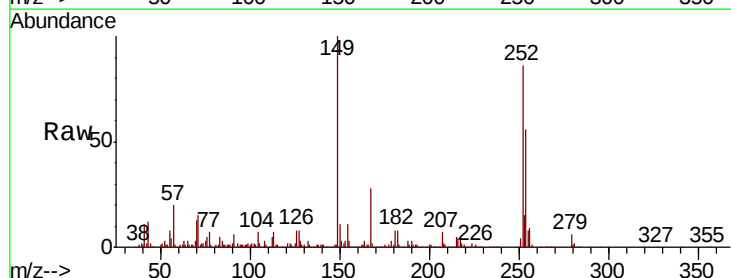
Instrument :
BNA_M
ClientSampleId :
PB120038BS

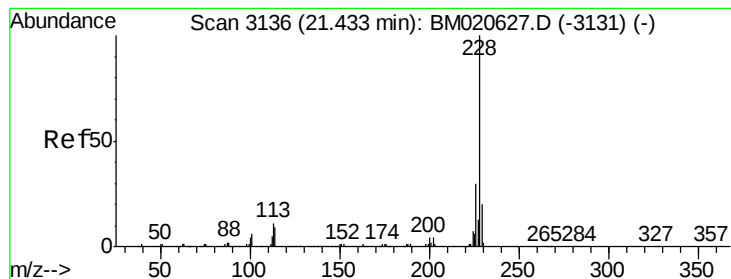
Tot Ion:228 Resp: 3056002
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.785 ng
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM020736.D
Acq: 05 Jun 2019 14:55

Tgt Ion:252 Resp: 907285
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 9.5 7.8 11.8





#83

Chrysene

Concen: 43.264 ng

RT: 21.42 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

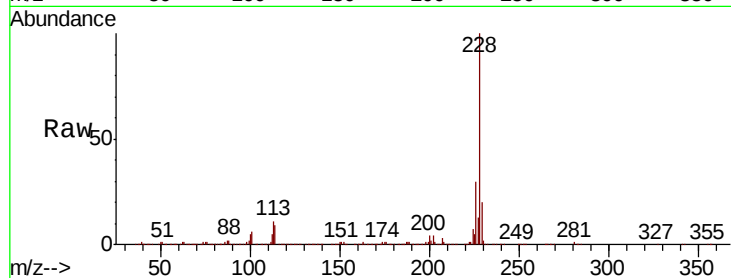
Tot Ion:228 Resp: 3015929

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

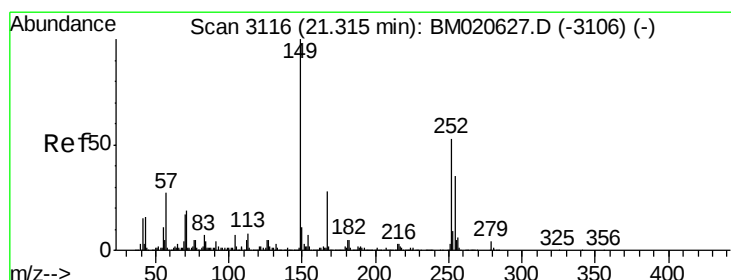
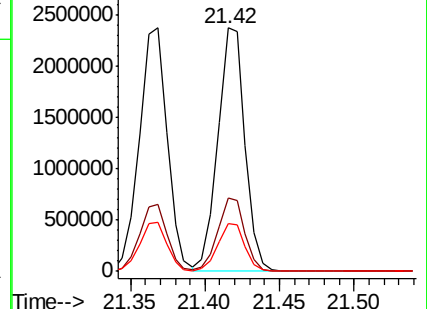
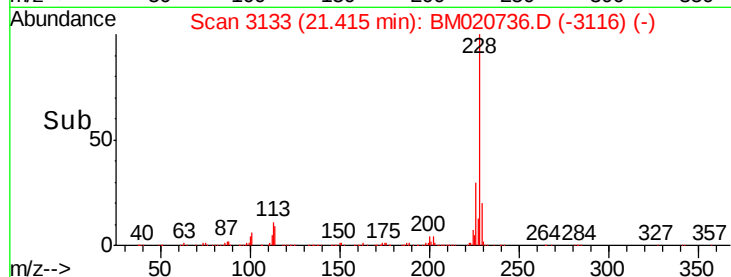
229 19.9 15.9 23.9



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: 35.962 ng

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

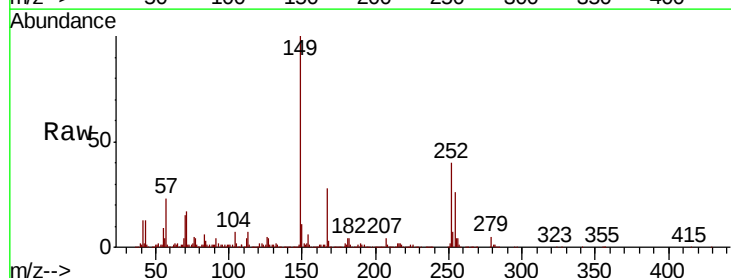
Tgt Ion:149 Resp: 1784966

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

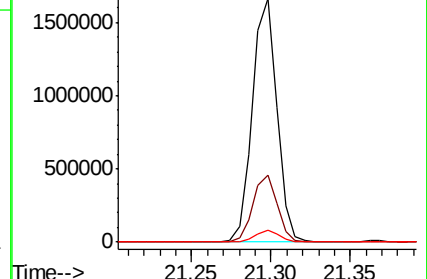
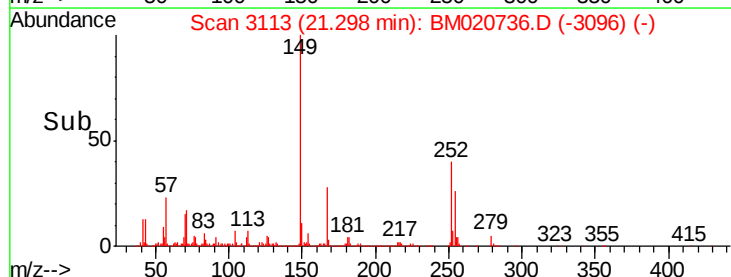
279 4.8 4.0 6.0

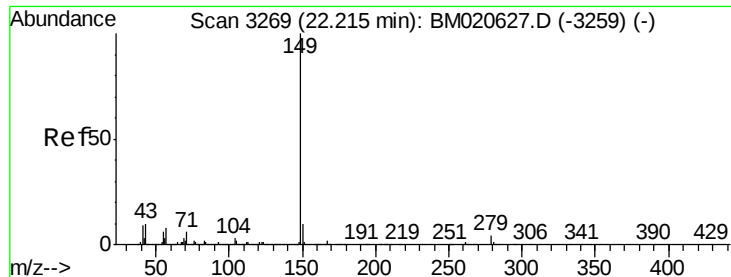


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.655 ng

RT: 22.19 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

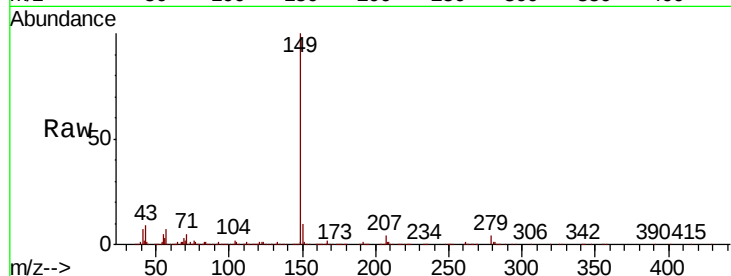
Tot Ion:149 Resp: 2888500

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.0 7.4 11.2

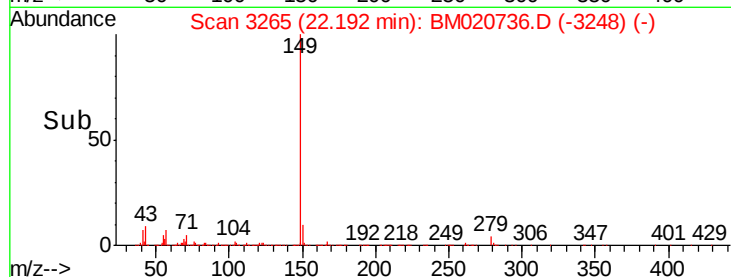


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

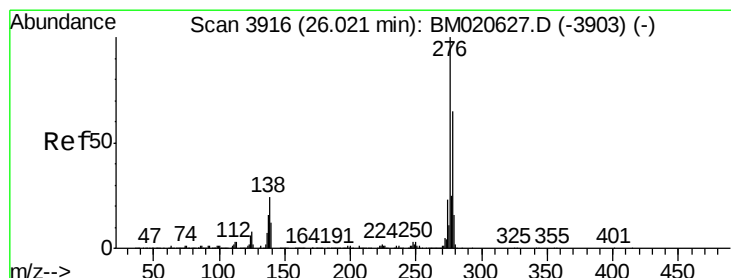
Ion 43.00 (42.70 to 43.70): B

Time-->



22.19

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.542 ng

RT: 25.99 min Scan# 3911

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

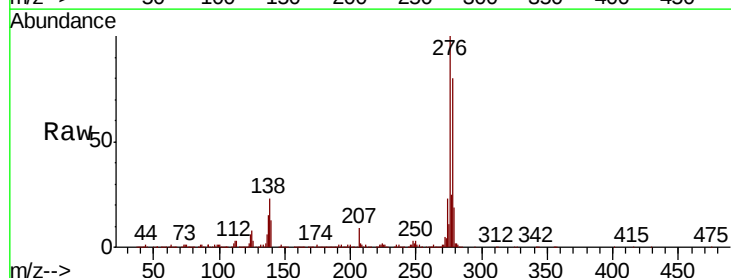
Tgt Ion:276 Resp: 4246316

Ion Ratio Lower Upper

276 100

138 23.0 18.8 28.2

277 25.4 20.5 30.7

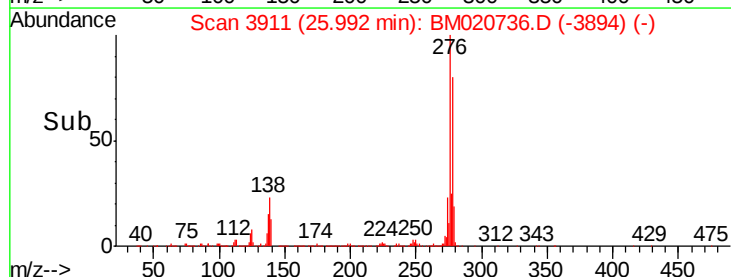


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

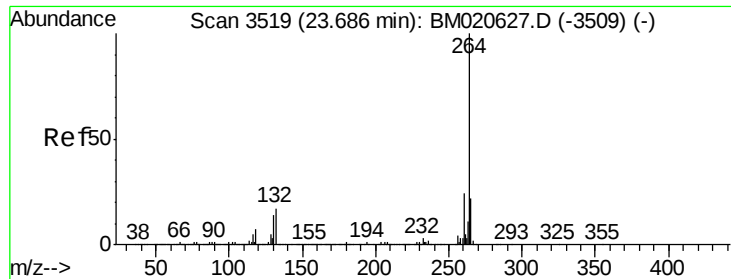
Ion 277.00 (276.70 to 277.70): E

Time-->



25.99

Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

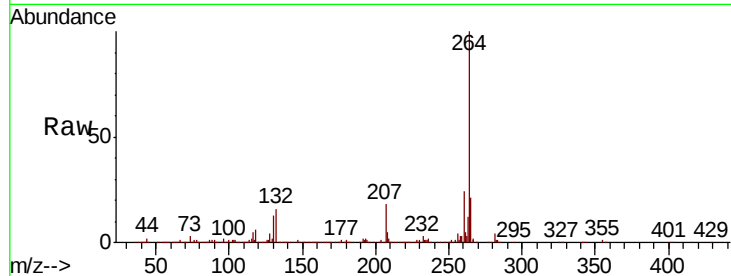
BNA_M

ClientSampleId :

PB120038BS

Tot Ion:264 Resp: 1210729

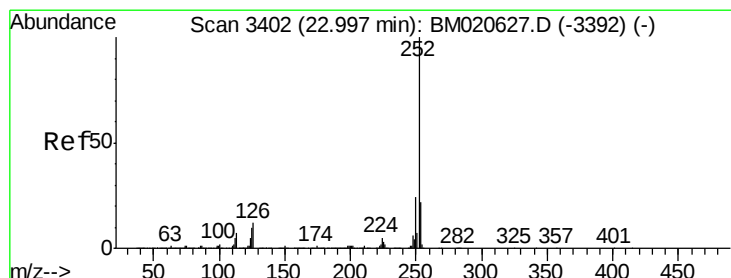
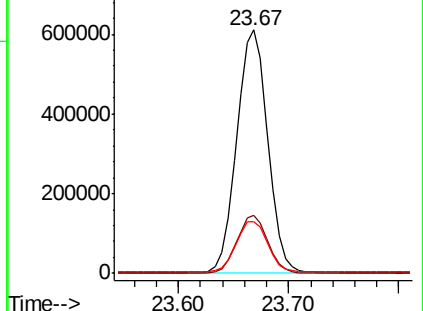
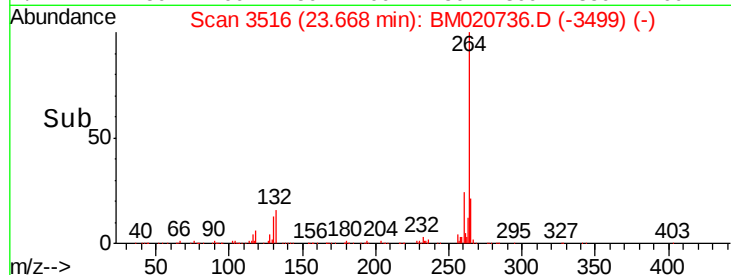
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.4	26.0



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: 42.292 ng

RT: 22.98 min Scan# 3399

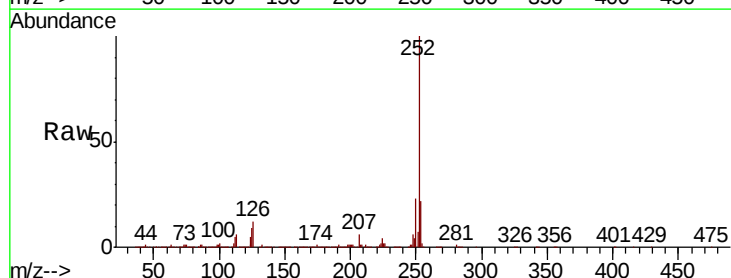
Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Tgt Ion:252 Resp: 3384348

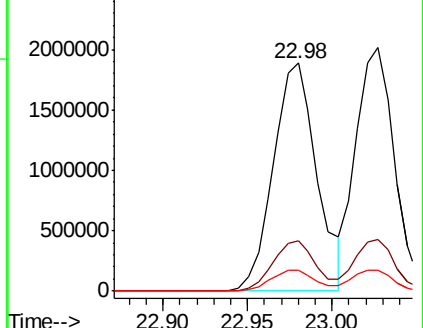
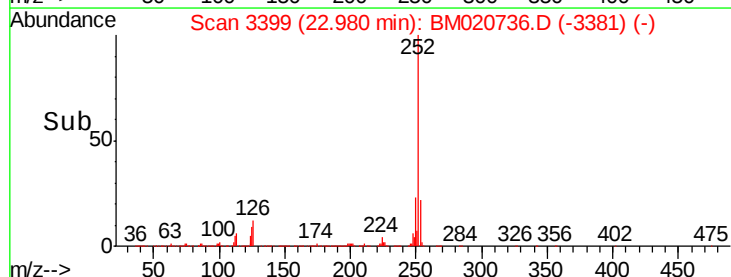
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.2	7.6	11.4

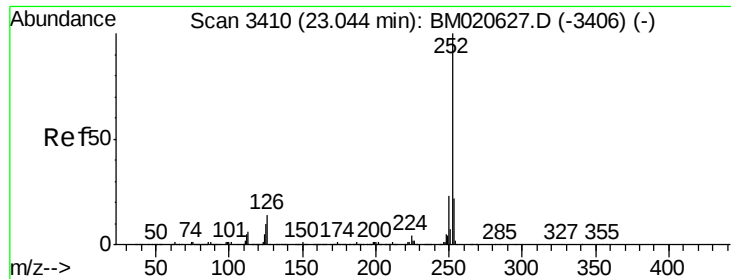


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.684 ng

RT: 23.03 min Scan# 3407

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

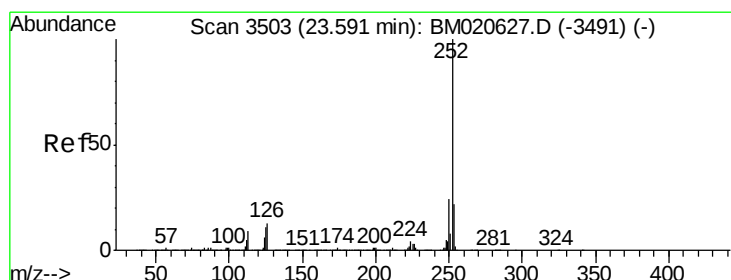
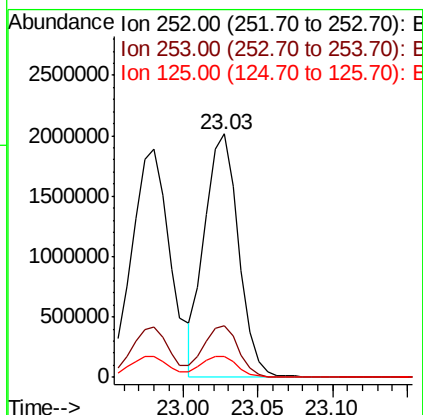
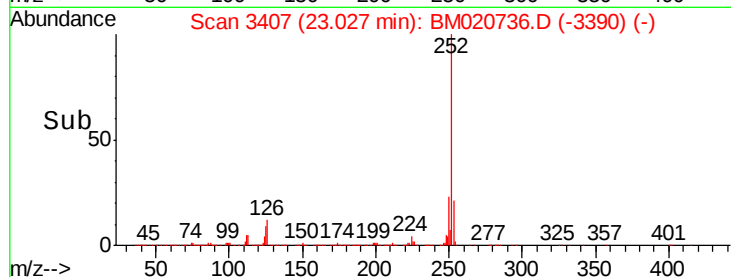
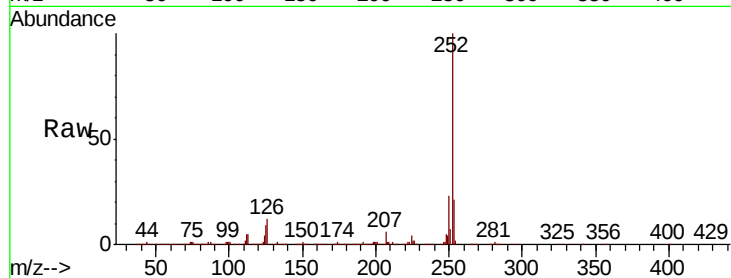
Tot Ion:252 Resp: 3181547

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 45.246 ng

RT: 23.57 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

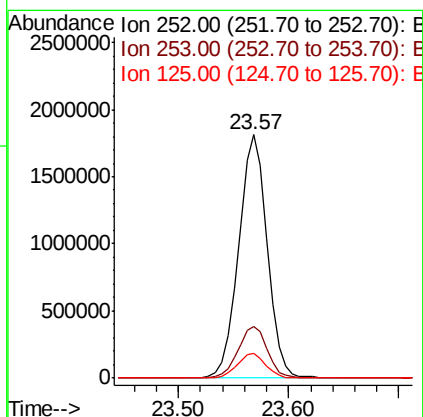
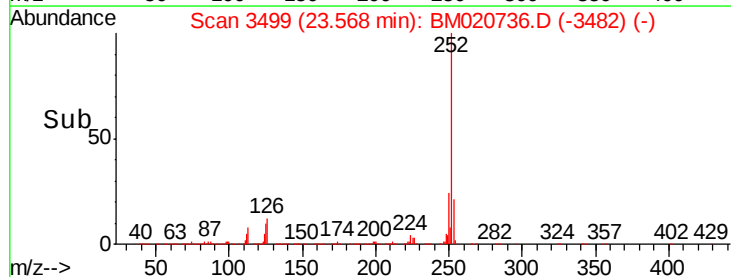
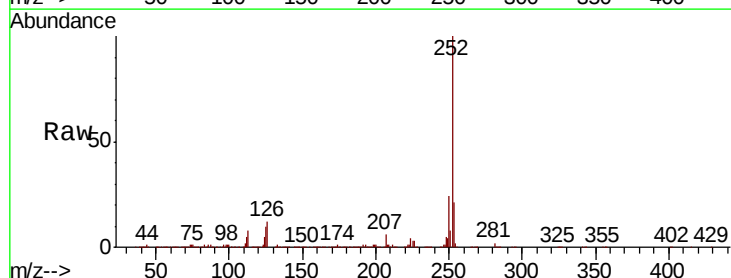
Tgt Ion:252 Resp: 3284124

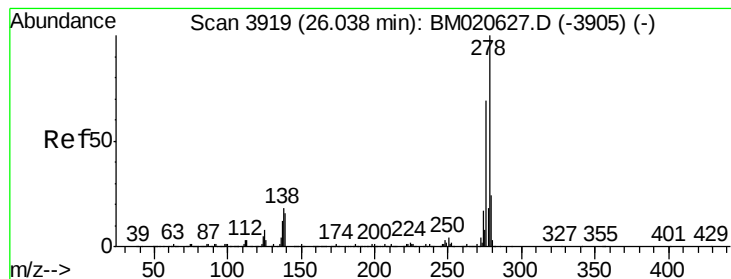
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 10.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.940 ng

RT: 26.00 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

Instrument :

BNA_M

ClientSampleId :

PB120038BS

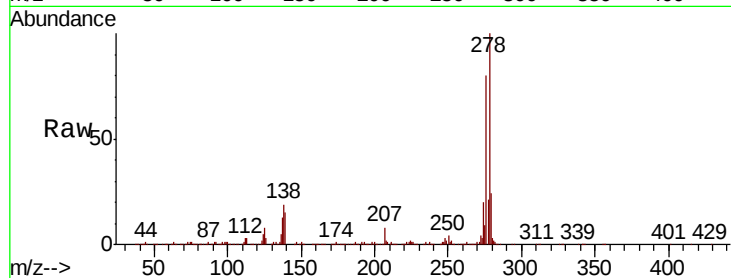
Tot Ion:278 Resp: 3587114

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.6

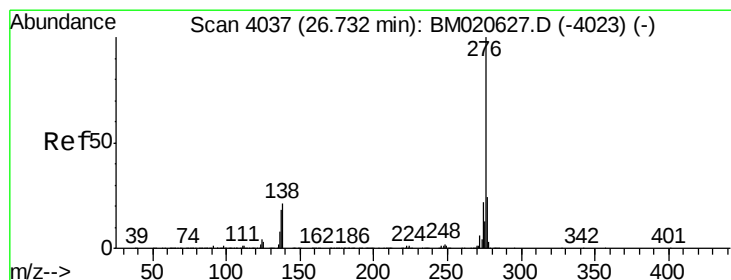
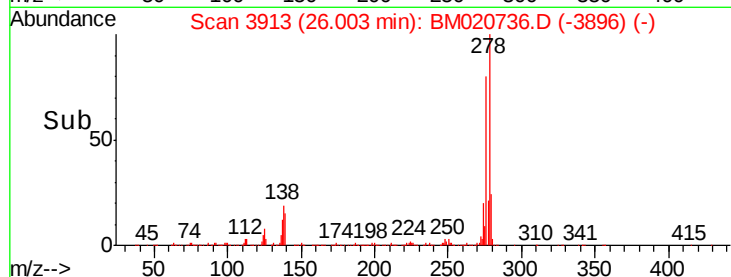
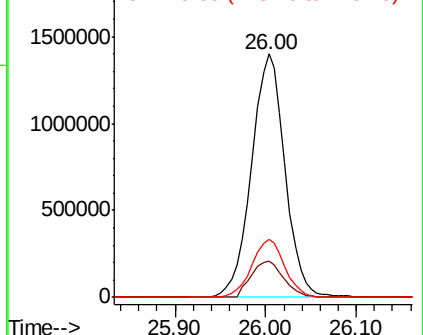
279 23.6 18.3 27.5



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: 53.924 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM020736.D

Acq: 05 Jun 2019 14:55

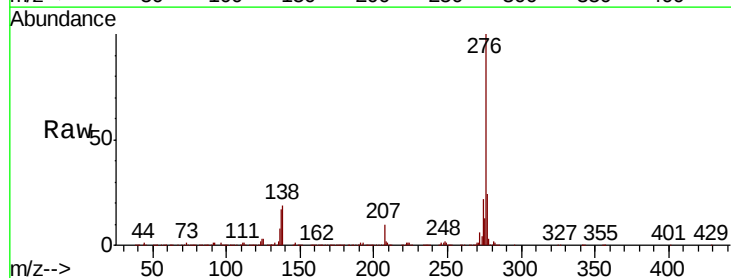
Tgt Ion:276 Resp: 3527076

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 19.4 16.2 24.4



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

