

Data File : BM020676.D
Acq On : 03 Jun 2019 18:17
Operator : HP/JU
Sample : PB120221BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Quant Time: Jun 04 04:16:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	348021	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1382294	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	730227	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1429920	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1197817	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1315992	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2683402	135.63	ng	0.00
7) Phenol-d6	7.00	99	3547286	121.77	ng	0.00
23) Nitrobenzene-d5	8.99	82	1915059	71.78	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1184646	130.94	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4177580	76.06	ng	0.00
79) Terphenyl-d14	19.83	244	4476554	62.51	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	255615	31.557 ng	99
3) Pyridine	3.74	79	715881	27.778 ng	99
4) n-Nitrosodimethylamine	3.66	42	330306	29.731 ng	97
6) Aniline	7.16	93	881552	20.914 ng	98
8) 2-Chlorophenol	7.39	128	795250	32.311 ng	99
9) Benzaldehyde	6.98	77	257505	11.415 ng	96
10) Phenol	7.02	94	968188	30.840 ng	99
11) bis(2-Chloroethyl)ether	7.26	93	729915	29.174 ng	97
12) 1,3-Dichlorobenzene	7.72	146	840922	29.728 ng	99
13) 1,4-Dichlorobenzene	7.86	146	854318	29.709 ng	99
14) 1,2-Dichlorobenzene	8.18	146	814860	29.118 ng	99
15) Benzyl Alcohol	8.07	79	710375	27.564 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1039895	26.921 ng	99
17) 2-Methylphenol	8.26	107	642242	29.092 ng	99
18) Hexachloroethane	8.90	117	315136	28.623 ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	610452	26.068 ng	98
20) 3+4-Methylphenols	8.59	107	845911	28.164 ng	99
22) Acetophenone	8.65	105	1123994	32.009 ng	# 96
24) Nitrobenzene	9.03	77	883582	32.442 ng	98
25) Isophorone	9.55	82	1573784	29.655 ng	100
26) 2-Nitrophenol	9.73	139	353563	34.832 ng	97
27) 2,4-Dimethylphenol	9.79	122	691482	36.354 ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	974612	30.373 ng	99
29) 2,4-Dichlorophenol	10.26	162	690582	32.816 ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	775388	32.044 ng	99
31) Naphthalene	10.67	128	2298959	32.342 ng	99
32) Benzoic acid	9.92	122	342253	30.664 ng	97
33) 4-Chloroaniline	10.78	127	403780	12.206 ng	99
34) Hexachlorobutadiene	10.95	225	449600	30.967 ng	99
35) Caprolactam	11.56	113	188305	25.757 ng	96
36) 4-Chloro-3-methylphenol	11.90	107	726237	29.682 ng	99
37) 2-Methylnaphthalene	12.28	142	1649550	31.308 ng	99
38) 1-Methylnaphthalene	12.50	142	1555608	31.008 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	818077	34.186 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	975179	68.137	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	512709	33.285	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	544186	34.220	ng	98
46) 1,1'-Biphenyl	13.30	154	2049666	33.609	ng	99
47) 2-Chloronaphthalene	13.34	162	1572688	31.951	ng	99
48) 2-Nitroaniline	13.55	65	445836	28.859	ng	96
49) Acenaphthylene	14.19	152	2463814	32.081	ng	100
50) Dimethylphthalate	13.93	163	1870054	29.975	ng	100
51) 2,6-Dinitrotoluene	14.05	165	396014	31.262	ng	93
52) Acenaphthene	14.53	154	1435049	31.355	ng	99
53) 3-Nitroaniline	14.37	138	236078	16.697	ng	98
54) 2,4-Dinitrophenol	14.58	184	309304	58.865	ng	94
55) Dibenzofuran	14.86	168	2223168	31.275	ng	99
56) 4-Nitrophenol	14.67	139	631586	60.617	ng	97
57) 2,4-Dinitrotoluene	14.83	165	521876	30.768	ng	100
58) Fluorene	15.51	166	1770196	30.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	446529	32.224	ng	100
60) Diethylphthalate	15.29	149	1871425	29.085	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	913965	29.529	ng	98
62) 4-Nitroaniline	15.54	138	381302	25.428	ng	95
63) Azobenzene	15.80	77	1808553	29.319	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	189684	32.608	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1523035	33.272	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	538055	31.959	ng	97
68) Hexachlorobenzene	16.51	284	607574	30.905	ng	97
69) Atrazine	16.67	200	483203	35.369	ng	99
70) Pentachlorophenol	16.85	266	665579	70.967	ng	99
71) Phenanthrene	17.25	178	2541801	31.360	ng	100
72) Anthracene	17.34	178	2602170	32.077	ng	99
73) Carbazole	17.62	167	2248666	30.546	ng	99
74) Di-n-butylphthalate	18.18	149	2927542	30.634	ng	100
75) Fluoranthene	19.26	202	2691331	29.858	ng	99
77) Benzidine	19.46	184	1109929	30.581	ng	100
78) Pyrene	19.63	202	2725533	29.652	ng	100
80) Butylbenzylphthalate	20.53	149	1164404	29.976	ng	97
81) Benzo(a)anthracene	21.37	228	2469788	29.609	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	771881	25.270	ng	99
83) Chrysene	21.42	228	2448820	30.884	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1721105	30.485	ng	98
85) Di-n-octyl phthalate	22.20	149	2795503	31.189	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3181183	39.217	ng	100
88) Benzo(b)fluoranthene	22.99	252	2689530	30.921	ng	100
89) Benzo(k)fluoranthene	23.03	252	2498920	29.399	ng	99
90) Benzo(a)pyrene	23.57	252	2544556	32.253	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2680306	35.018	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2611263	36.729	ng	99

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

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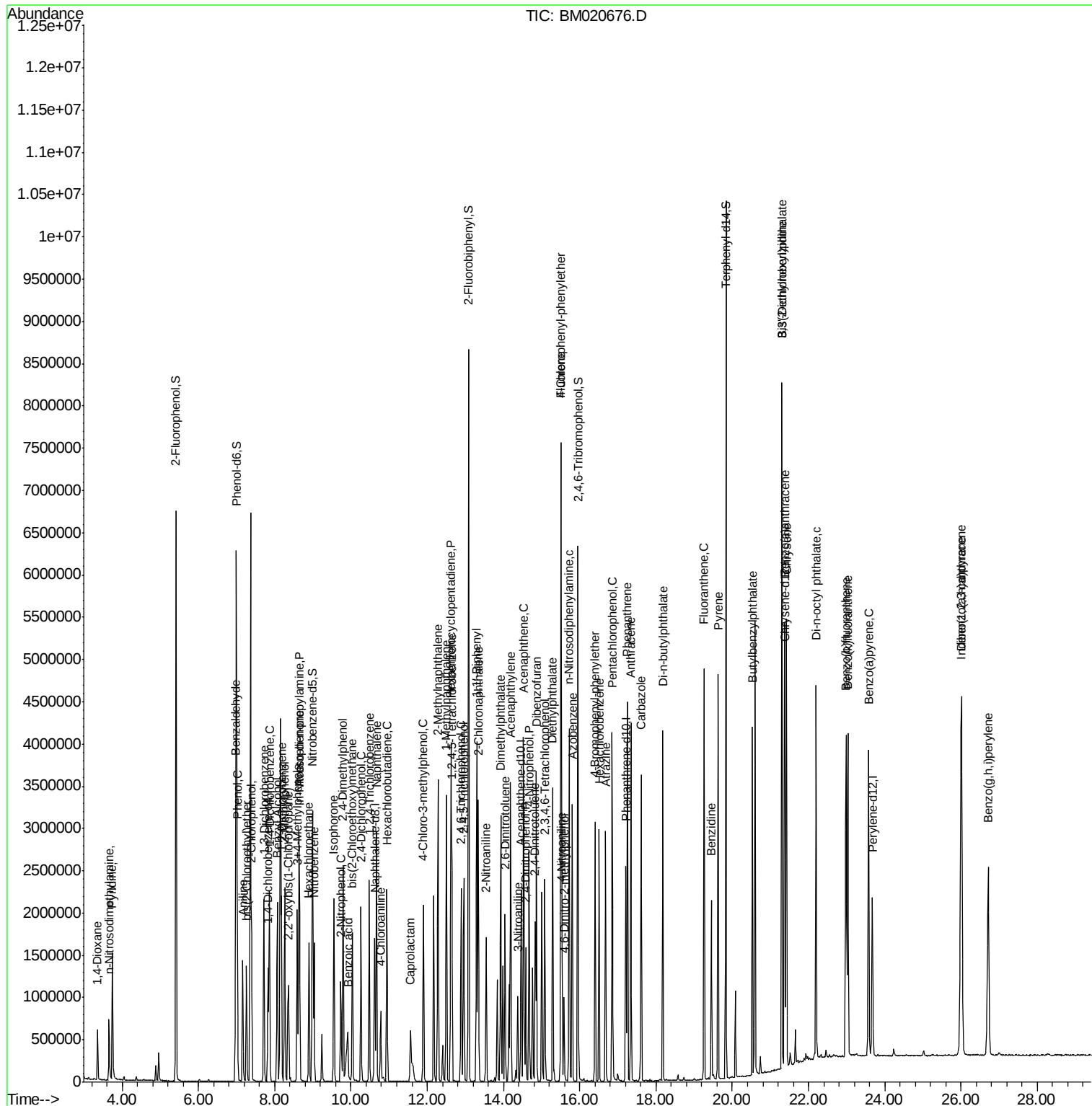
Quant Time: Jun 04 04:16:19 2019

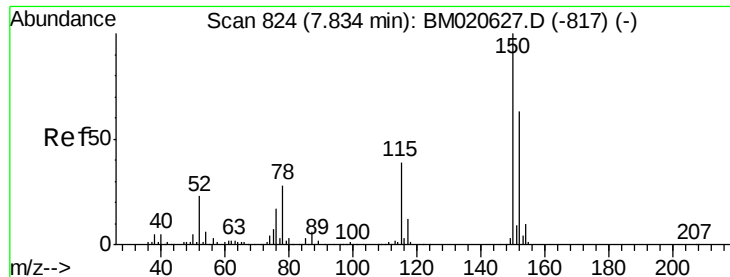
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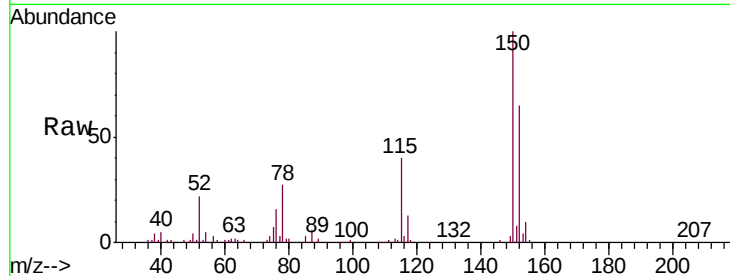


#1

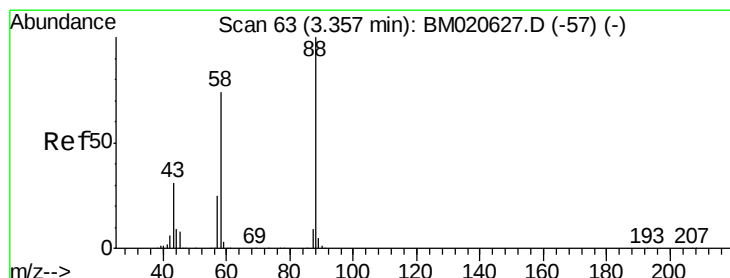
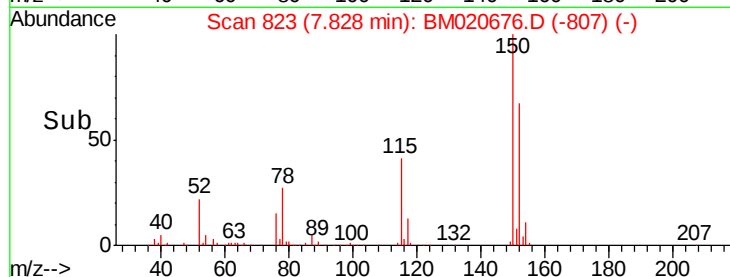
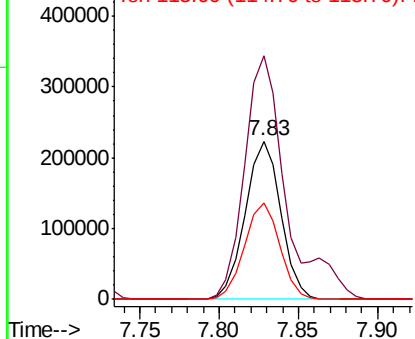
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020676.D
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BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:152 Resp: 348021
Ion Ratio Lower Upper
152 100
150 154.0 126.0 189.0
115 61.1 49.6 74.4



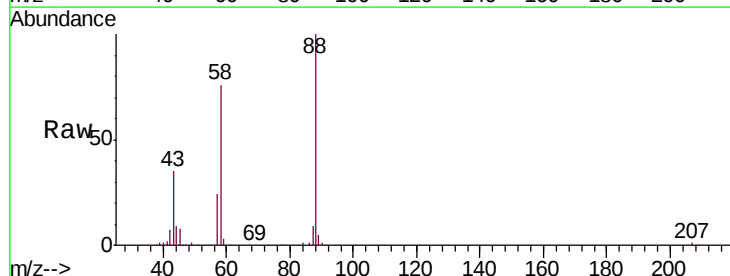
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



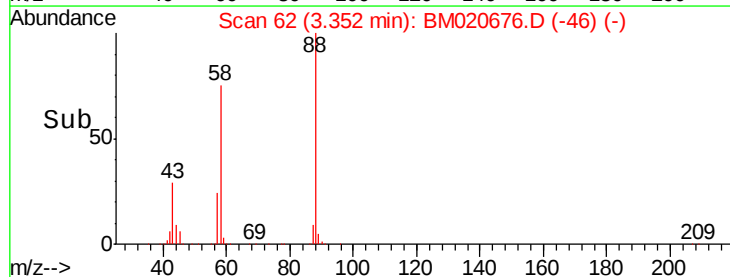
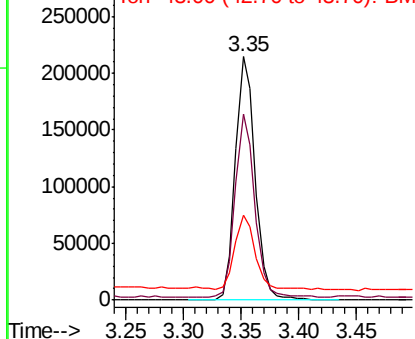
#2

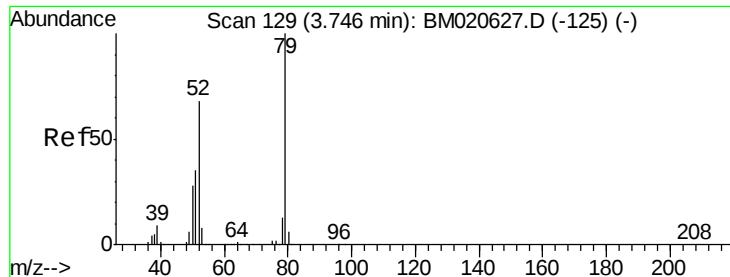
1,4-Dioxane
Concen: 31.557 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion: 88 Resp: 255615
Ion Ratio Lower Upper
88 100
58 74.3 60.2 90.4
43 31.2 25.3 37.9



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

Pyridine

Concen: 27.778 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020676.D

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Instrument :

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ClientSampleId :

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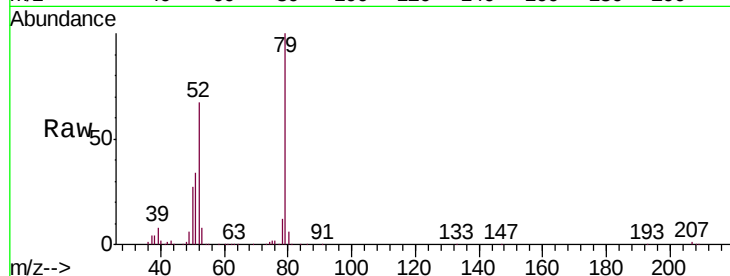
Tgt Ion: 79 Resp: 715881

Ion Ratio Lower Upper

79 100

52 67.0 54.1 81.1

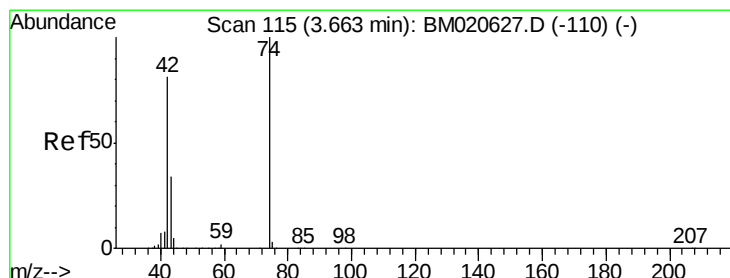
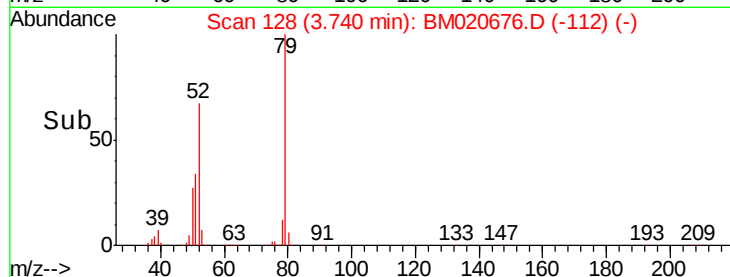
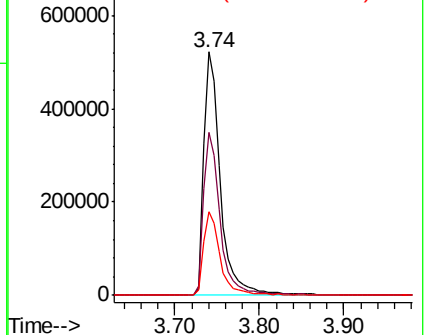
51 34.3 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020676.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020676.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020676.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 29.731 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

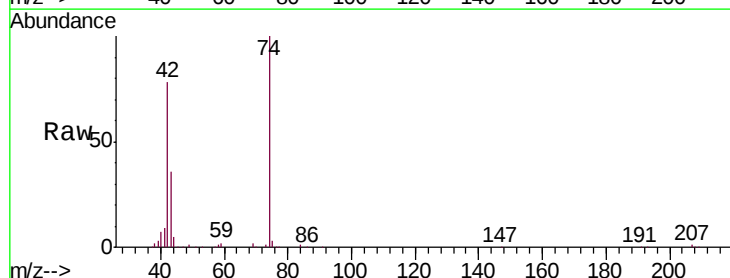
Tgt Ion: 42 Resp: 330306

Ion Ratio Lower Upper

42 100

74 128.1 99.4 149.0

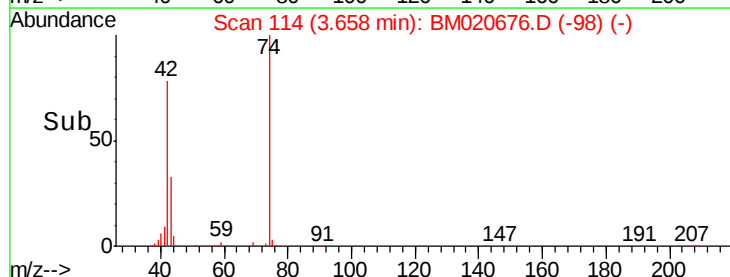
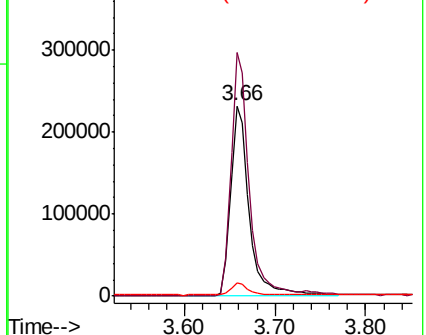
44 6.7 5.8 8.8

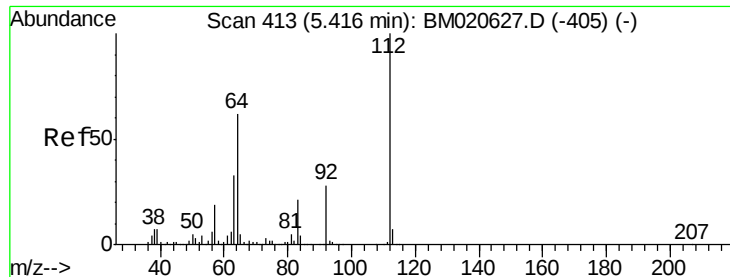


Abundance Ion 42.00 (41.70 to 42.70): BM020676.D (-112) (-)

Ion 74.00 (73.70 to 74.70): BM020676.D (-112) (-)

Ion 44.00 (43.70 to 44.70): BM020676.D (-112) (-)





#5

2-Fluorophenol

Concen: 135.632 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

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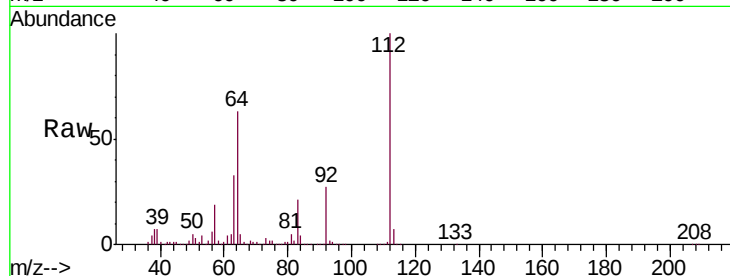
Tgt Ion:112 Resp: 2683402

Ion Ratio Lower Upper

112 100

64 62.7 49.7 74.5

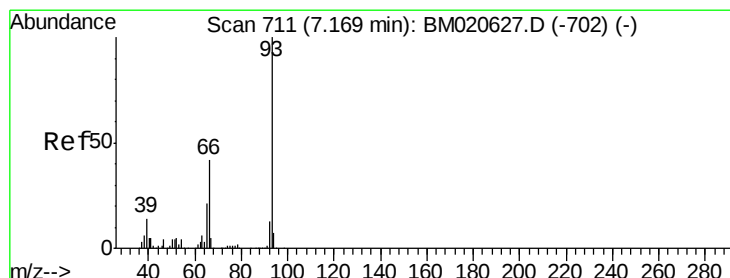
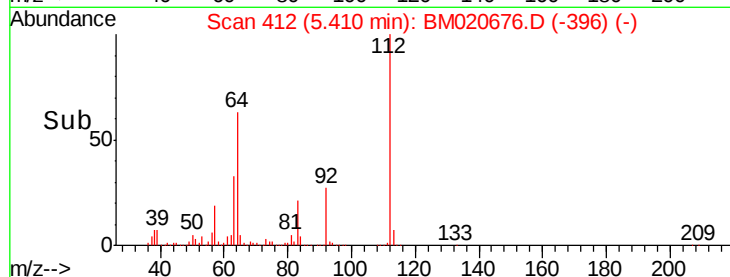
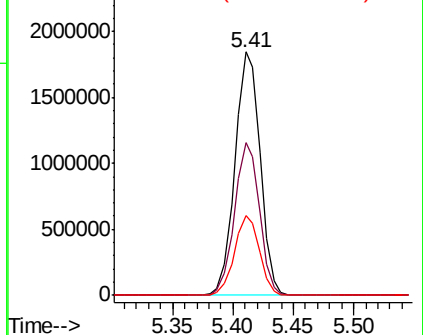
63 32.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 20.914 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

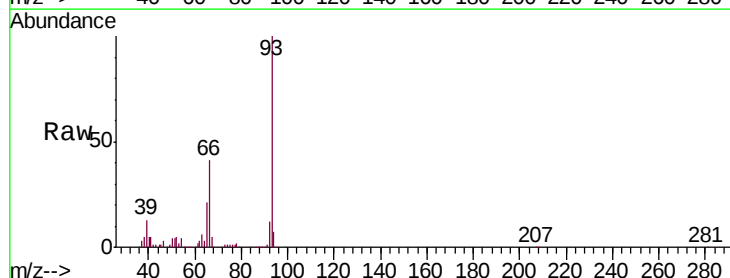
Tgt Ion: 93 Resp: 881552

Ion Ratio Lower Upper

93 100

66 40.6 33.6 50.4

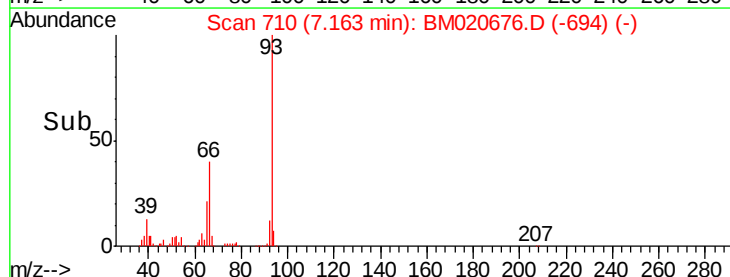
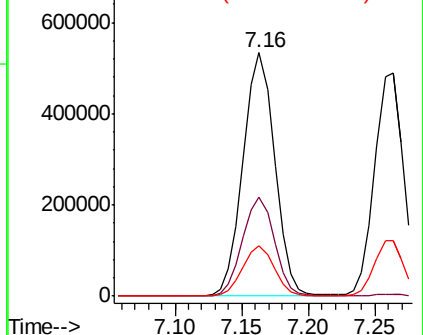
65 20.6 16.7 25.1

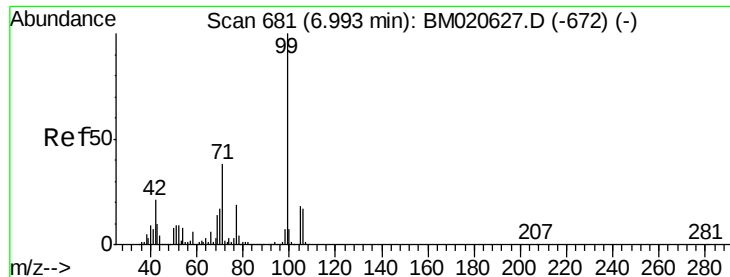


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 121.767 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

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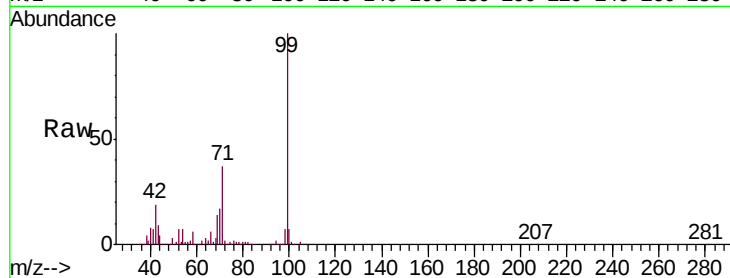
Tgt Ion: 99 Resp: 3547286

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

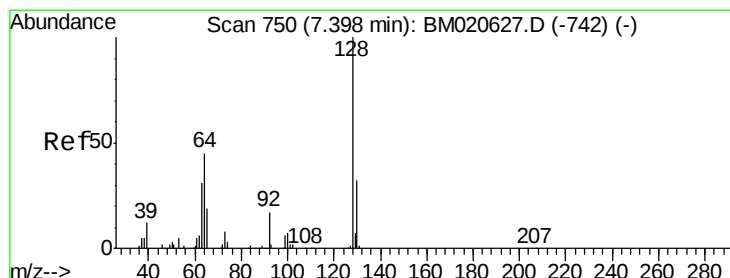
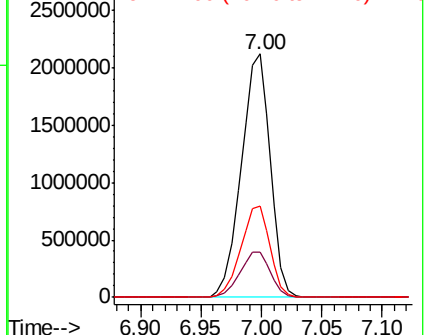
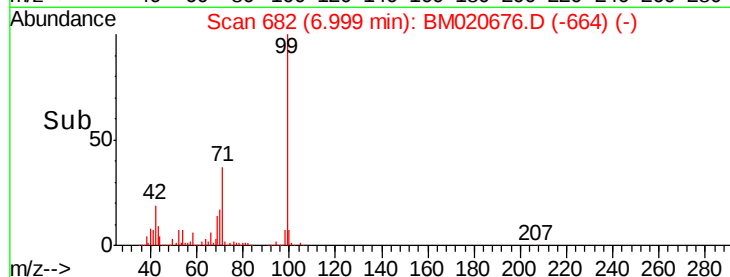
71 37.3 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020676.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020676.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020676.D (-664) (-)



#8

2-Chlorophenol

Concen: 32.311 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

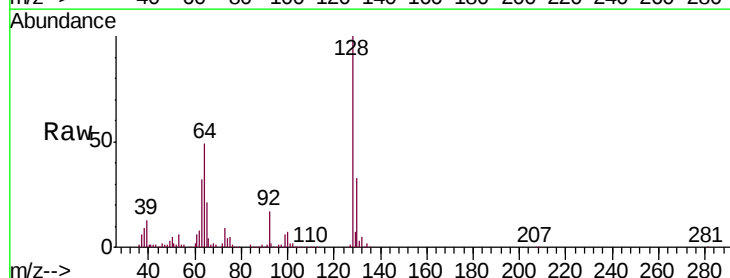
Tgt Ion: 128 Resp: 795250

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

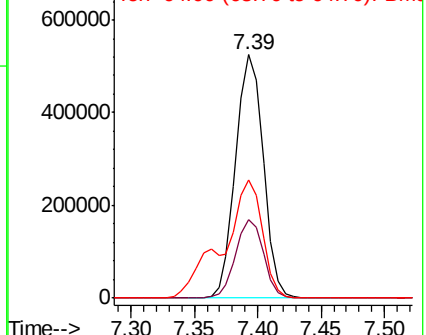
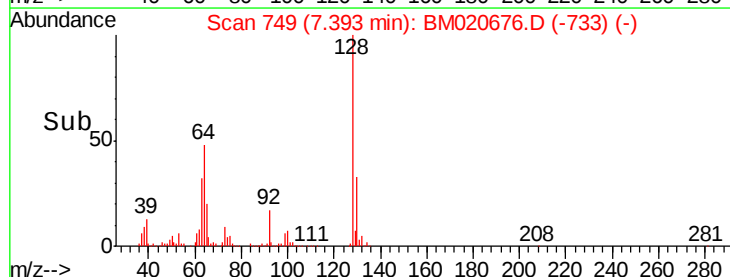
64 48.6 29.1 69.1

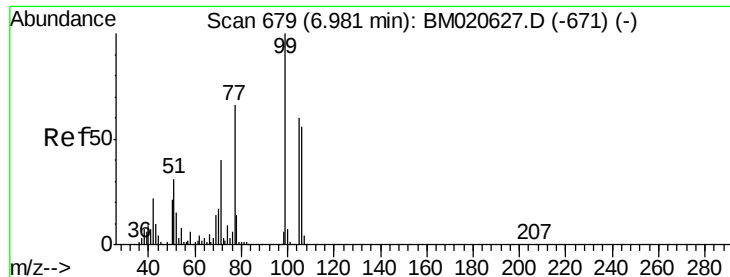


Abundance Ion 128.00 (127.70 to 128.70): BM020676.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020676.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020676.D (-733) (-)





#9

Benzaldehyde

Concen: 11.415 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.00 min

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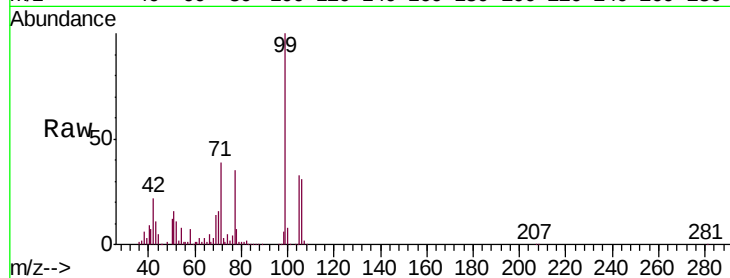
Tgt Ion: 77 Resp: 257505

Ion Ratio Lower Upper

77 100

105 94.7 70.6 110.6

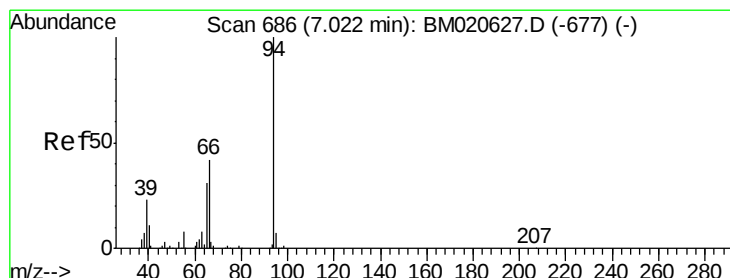
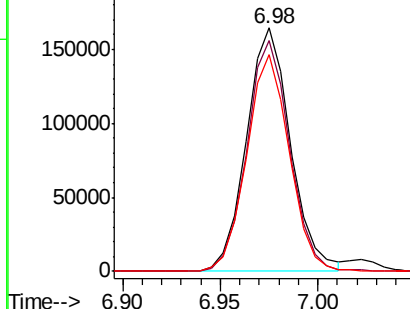
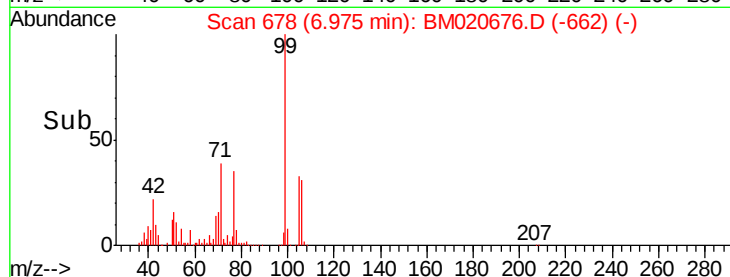
106 89.1 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020676.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020676.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020676.D (-662) (-)



#10

Phenol

Concen: 30.840 ng

RT: 7.02 min Scan# 686

Delta R.T. 0.00 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

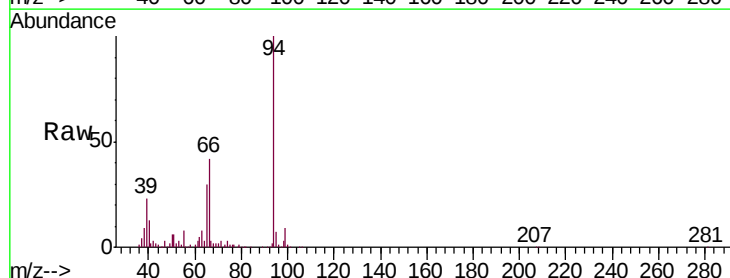
Tgt Ion: 94 Resp: 968188

Ion Ratio Lower Upper

94 100

65 30.2 10.7 50.7

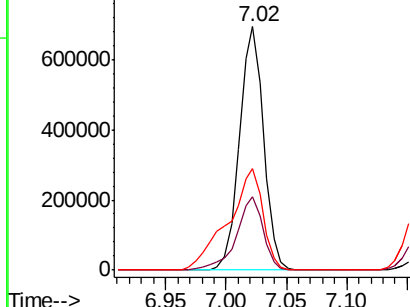
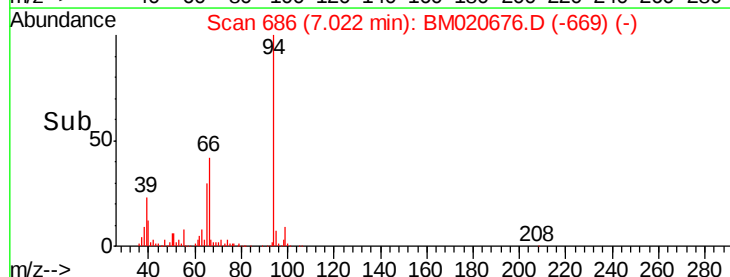
66 41.6 22.3 62.3

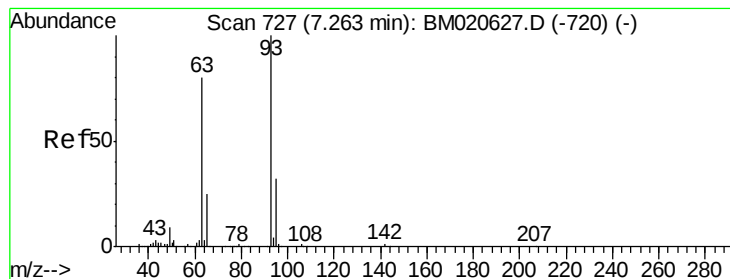


Abundance Ion 94.00 (93.70 to 94.70): BM020676.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020676.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020676.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 29.174 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

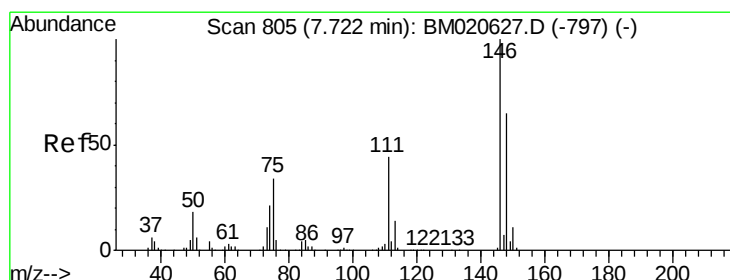
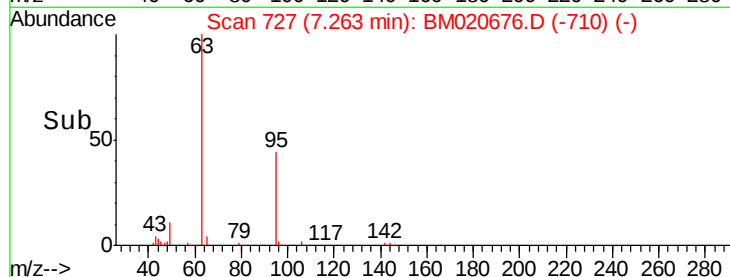
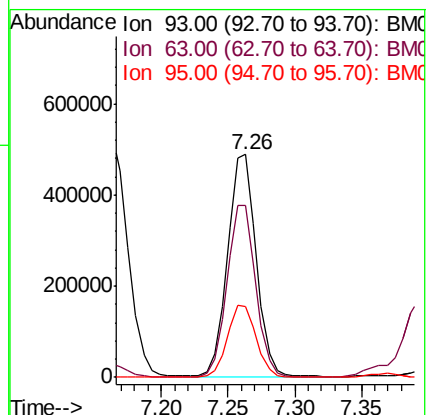
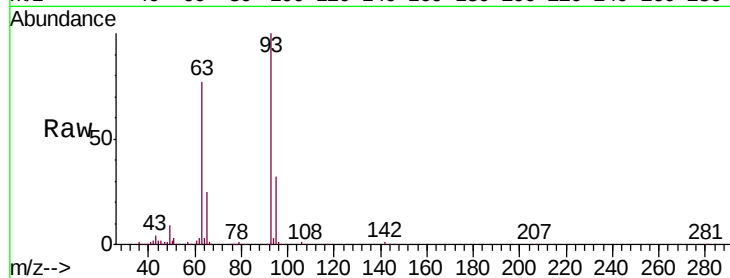
Tgt Ion: 93 Resp: 729915

Ion Ratio Lower Upper

93 100

63 77.0 60.0 100.0

95 31.7 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 29.728 ng

RT: 7.72 min Scan# 804

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

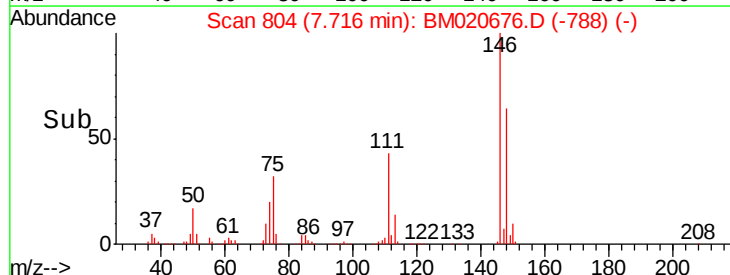
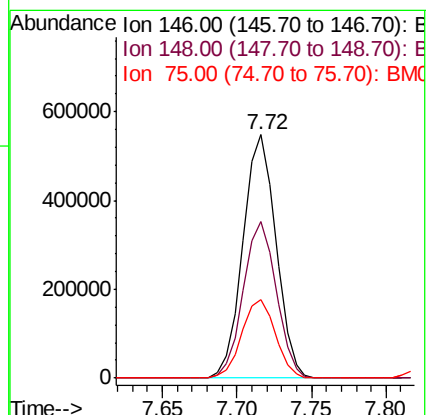
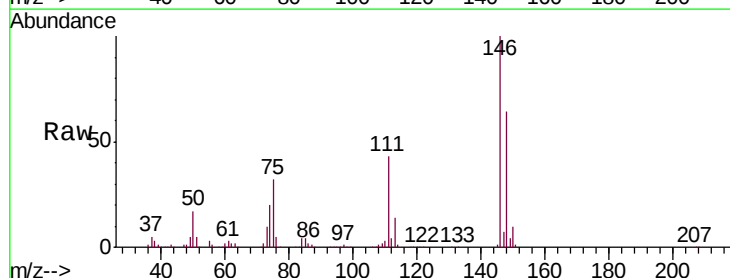
Tgt Ion: 146 Resp: 840922

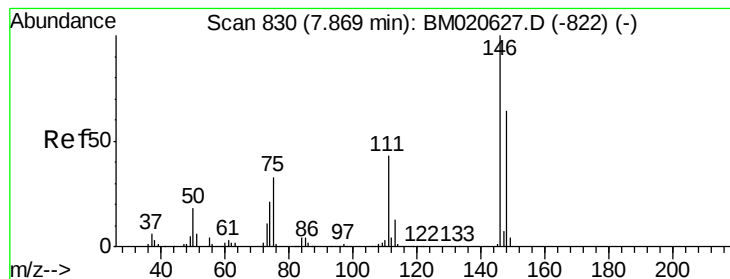
Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

75 32.2 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 29.709 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

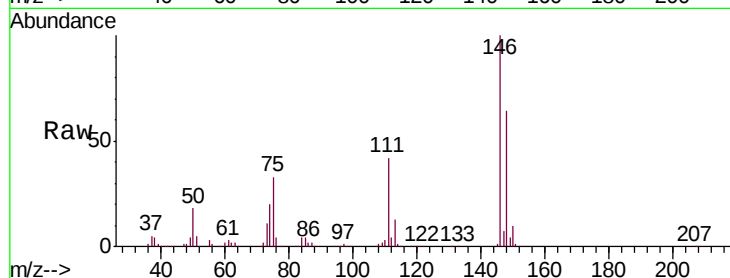
Tgt Ion:146 Resp: 854318

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

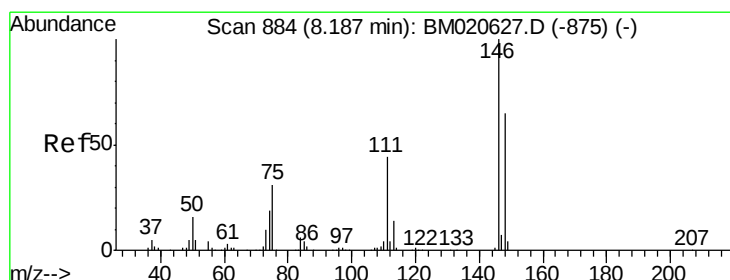
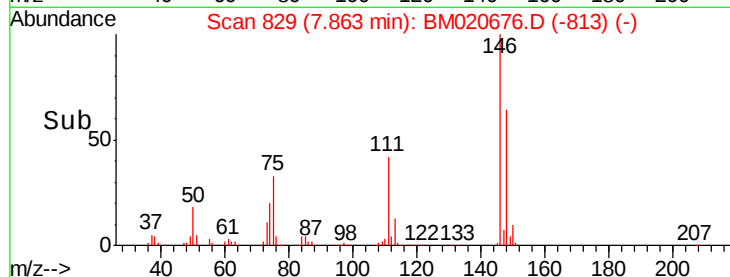
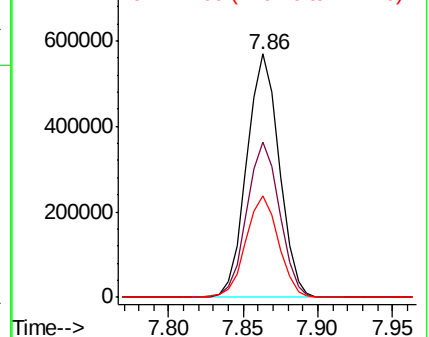
111 41.7 34.4 51.6



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: 29.118 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

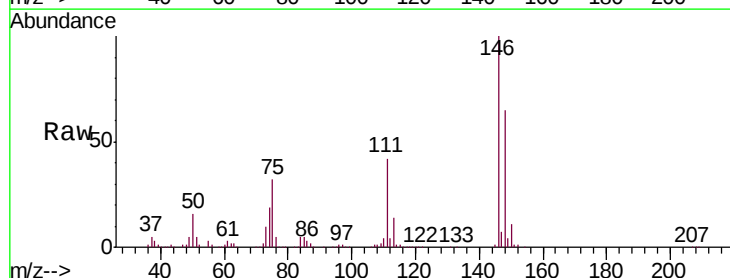
Tgt Ion:146 Resp: 814860

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

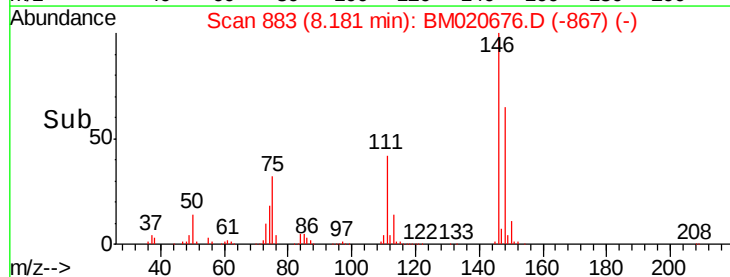
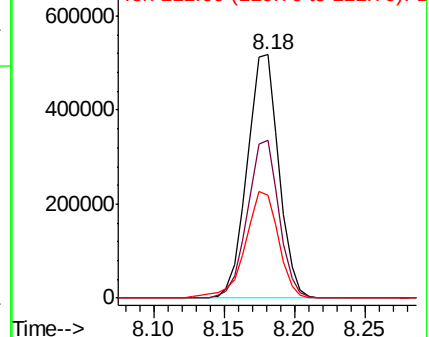
111 42.4 35.1 52.7

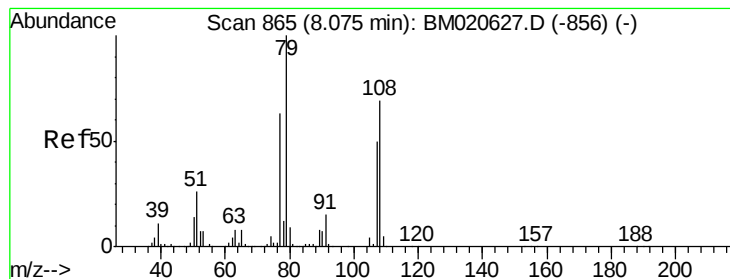


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.564 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

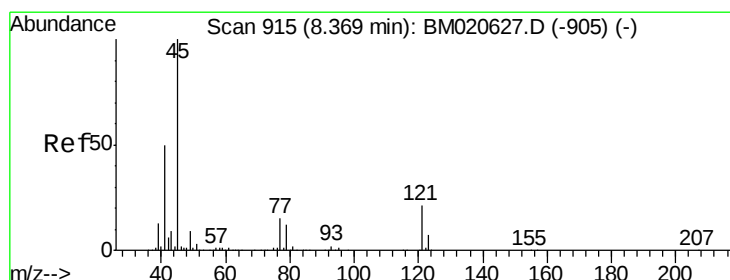
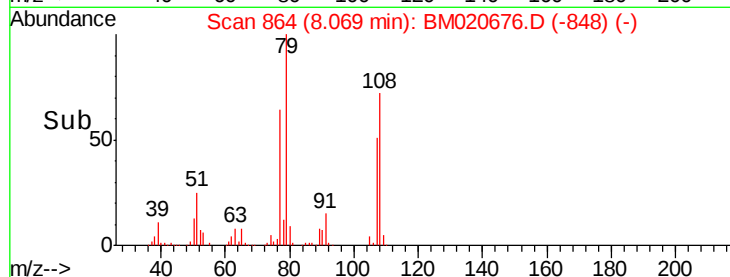
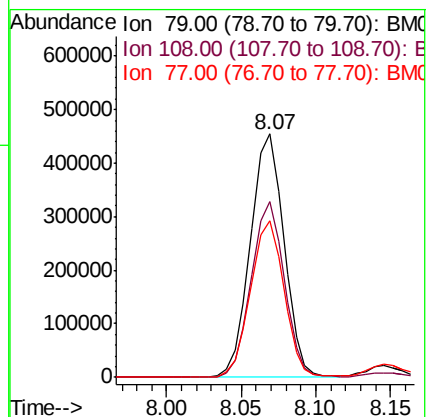
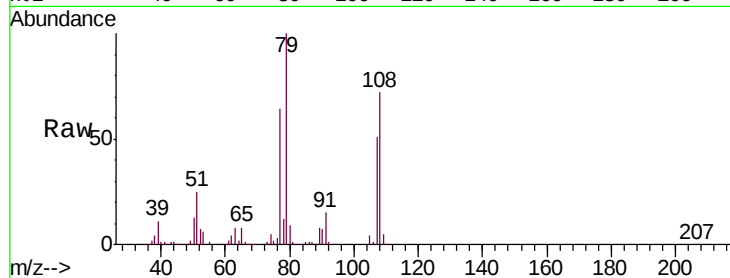
Tgt Ion: 79 Resp: 710375

Ion Ratio Lower Upper

79 100

108 72.0 54.9 82.3

77 64.5 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.921 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

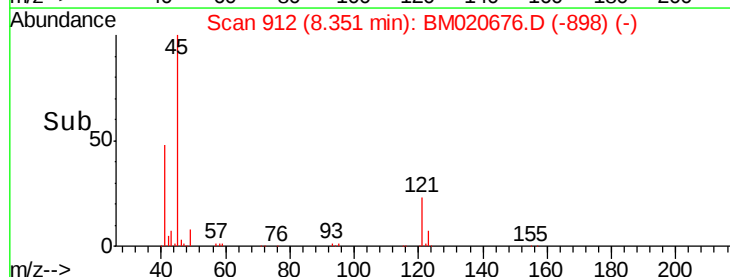
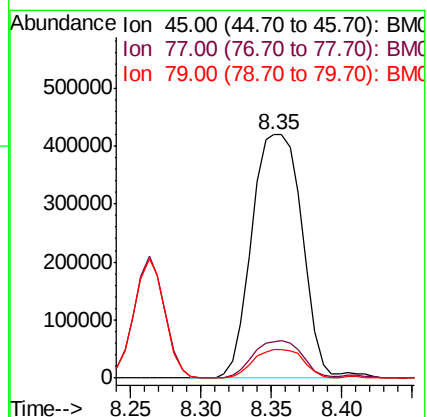
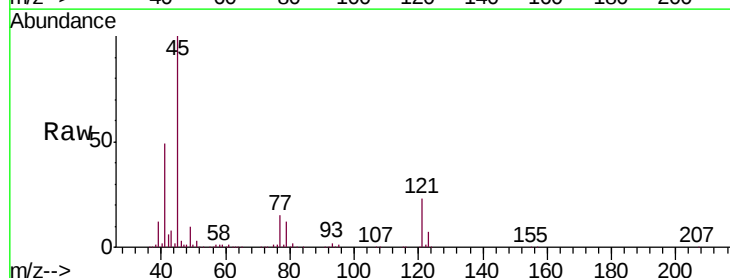
Tgt Ion: 45 Resp: 1039895

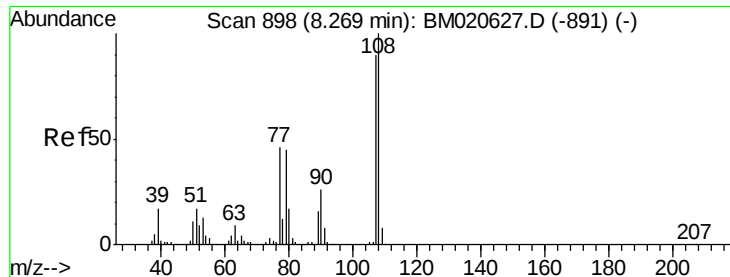
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.9

79 11.6 0.0 31.8

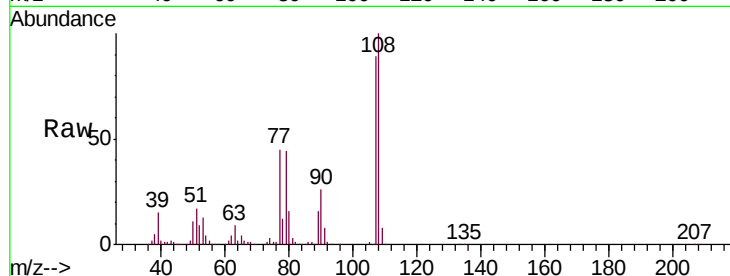




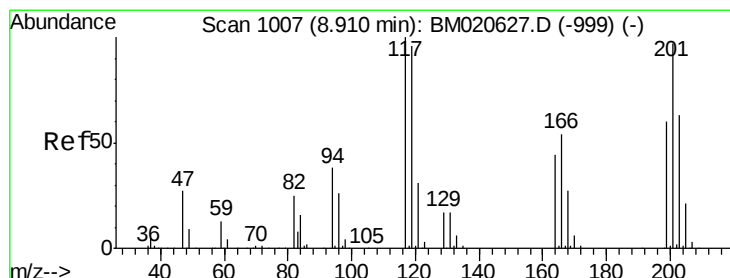
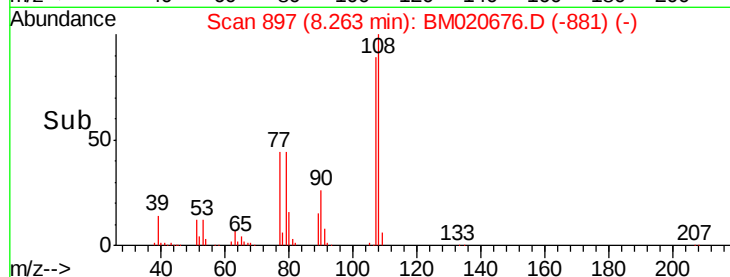
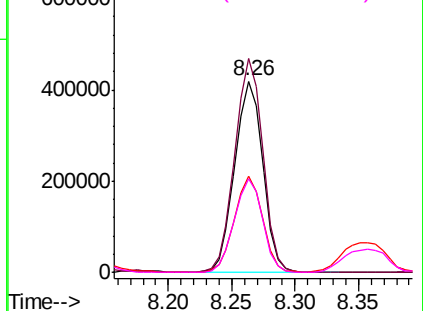
#17
2-Methylphenol
Concen: 29.092 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:107 Resp: 642242
Ion Ratio Lower Upper
107 100
108 112.0 88.6 133.0
77 50.1 40.6 61.0
79 49.3 39.9 59.9

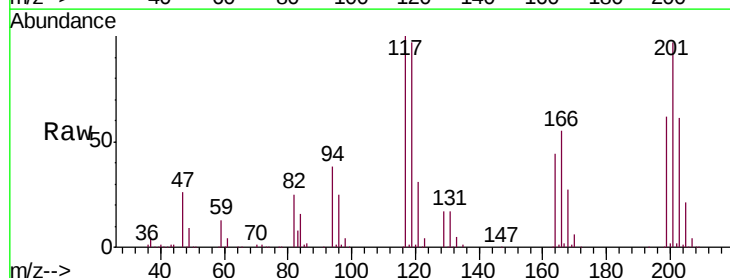


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

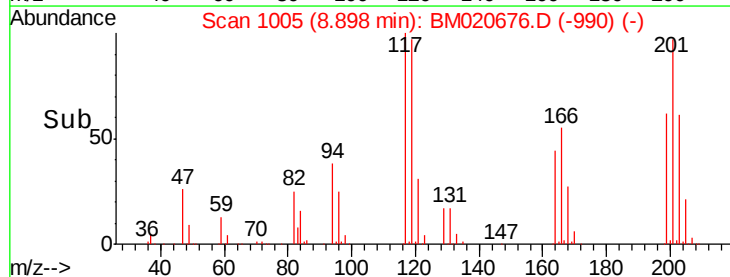
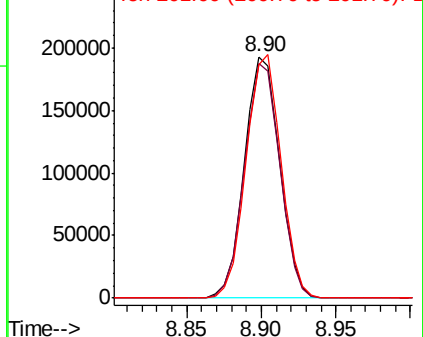


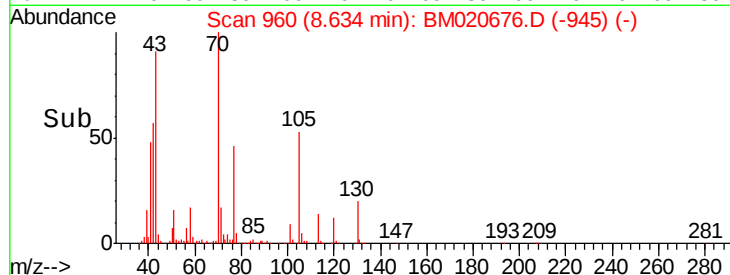
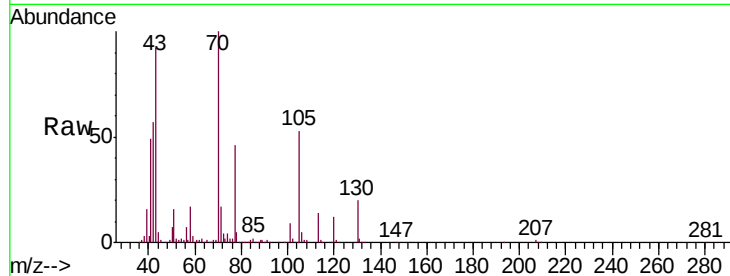
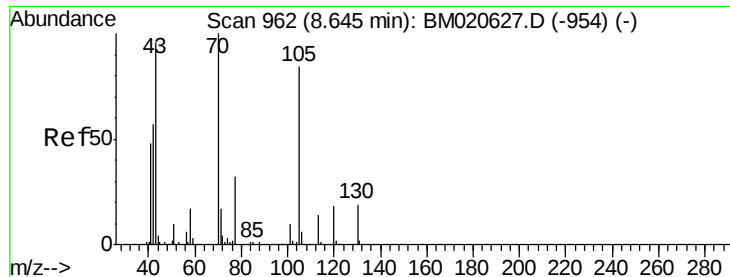
#18
Hexachloroethane
Concen: 28.623 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:117 Resp: 315136
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 96.9 77.9 116.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

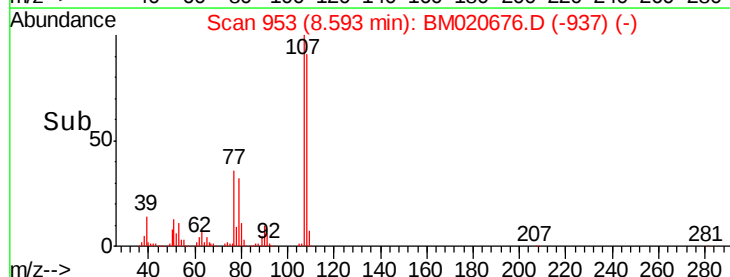
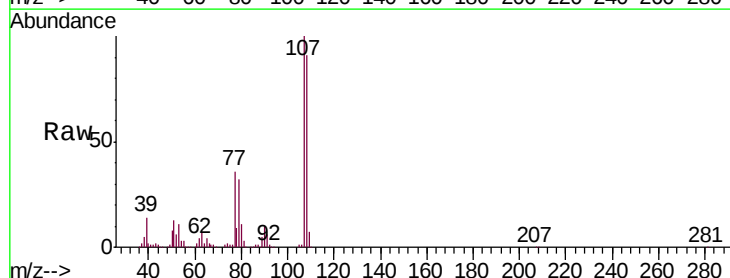
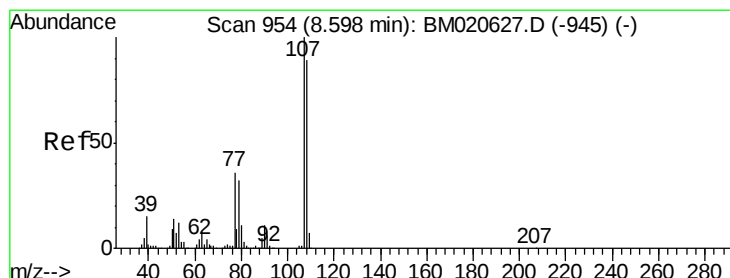
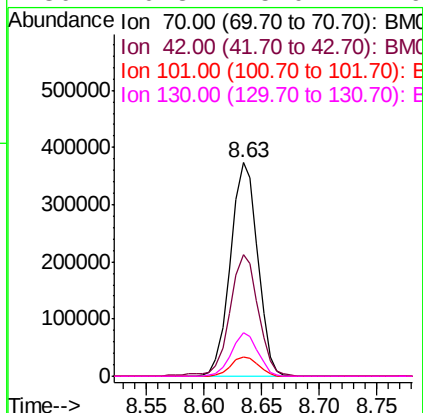




#19
n-Nitroso-di-n-propylamine
Concen: 26.068 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

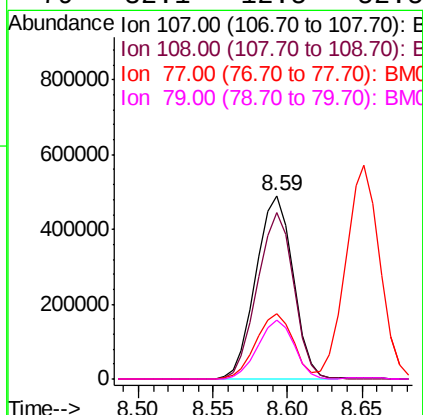
Instrument :
BNA_M
ClientSampleId :
PB120221BS

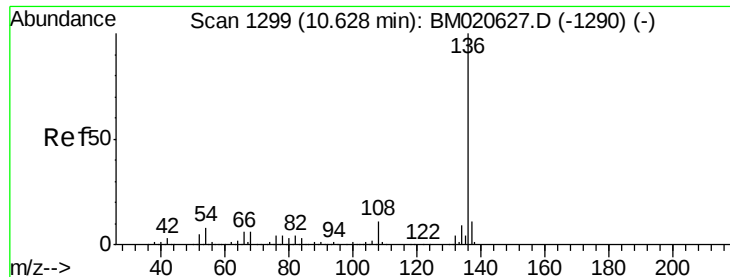
Tgt Ion:	70	Resp:	610452
Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.8	70.2
101	9.2	7.8	11.6
130	20.3	15.0	22.6



#20
3+4-Methylphenols
Concen: 28.164 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:	107	Resp:	845911
Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.2	109.2
77	35.7	16.2	56.2
79	32.1	12.5	52.5

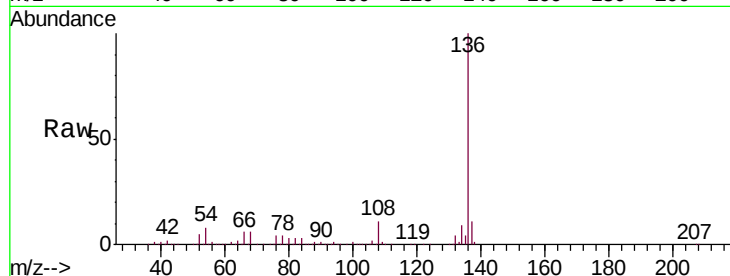




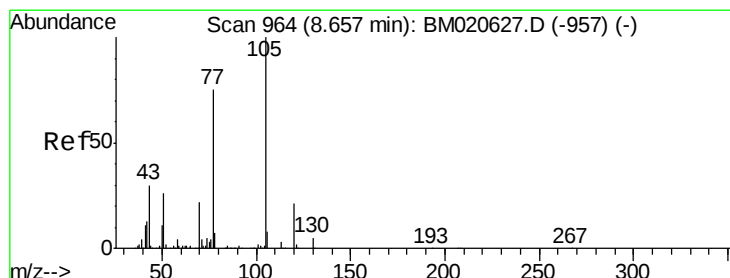
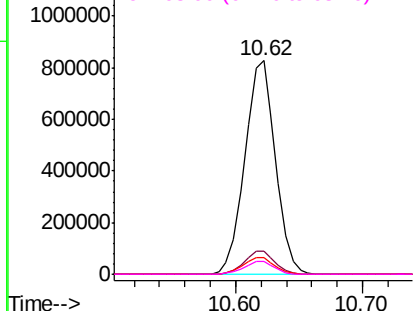
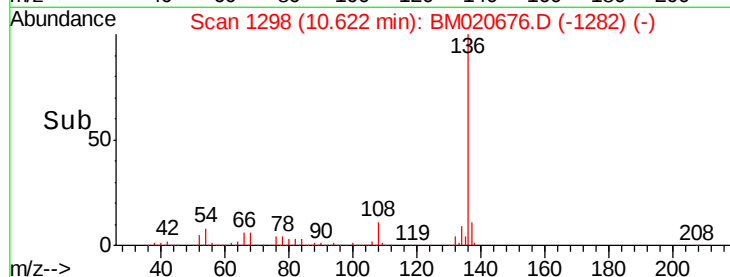
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:136 Resp: 1382294
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.7 6.6 10.0
68 6.1 5.1 7.7

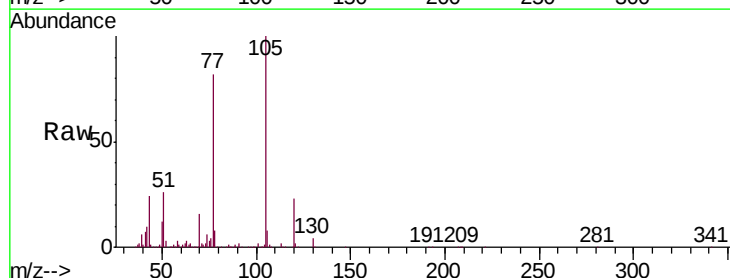


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

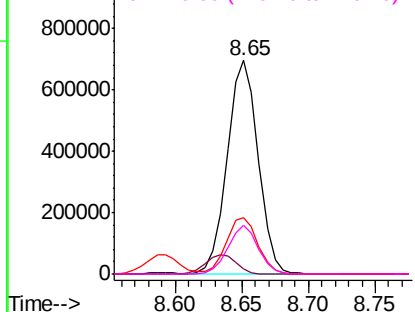
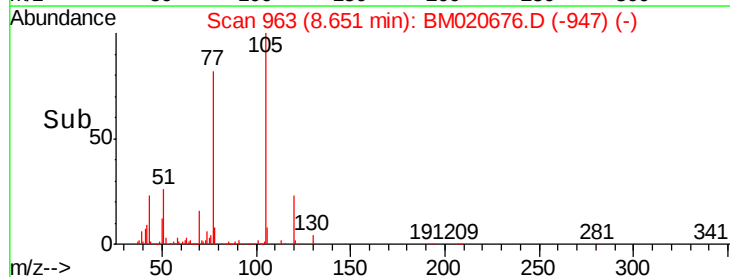


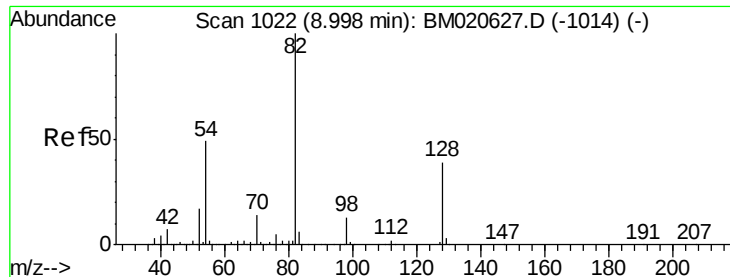
#22
Acetophenone
Concen: 32.009 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:105 Resp: 1123994
Ion Ratio Lower Upper
105 100
71 2.4 3.2 4.8#
51 26.5 22.8 34.2
120 22.6 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

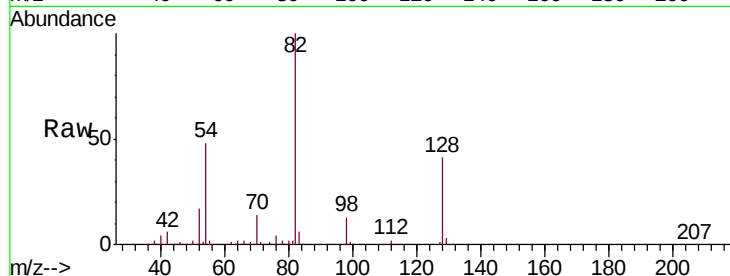




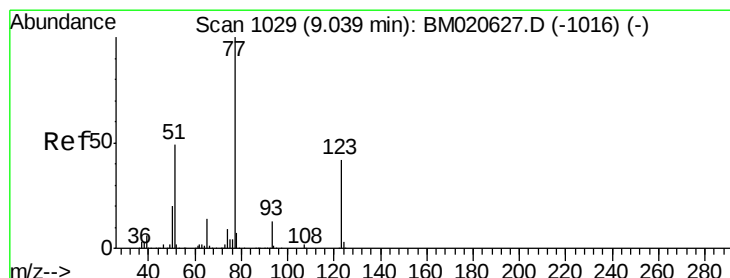
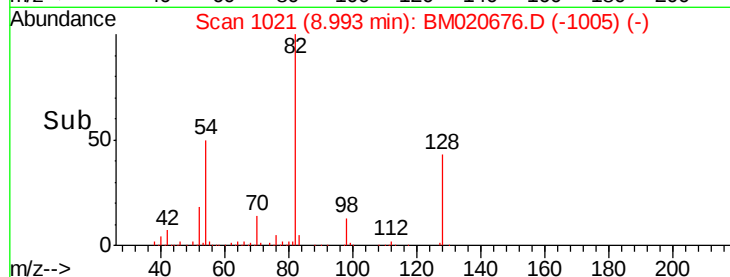
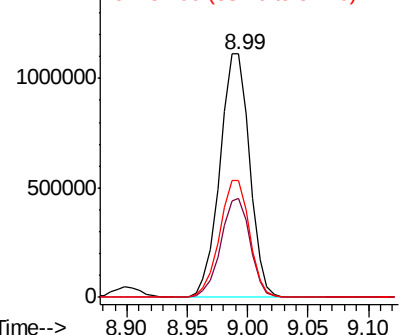
#23
Nitrobenzene-d5
Concen: 71.781 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion: 82 Resp: 1915059
Ion Ratio Lower Upper
82 100
128 40.9 31.5 47.3
54 48.0 39.4 59.0

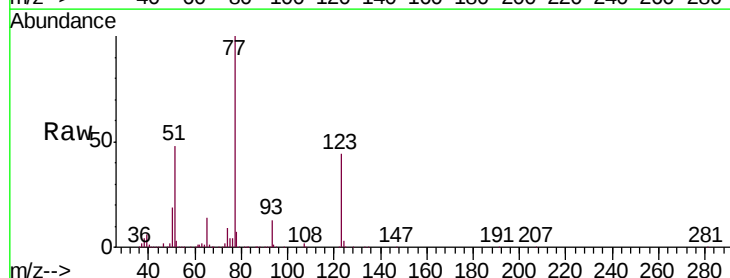


Abundance Ion 82.00 (81.70 to 82.70): BM0
1500000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

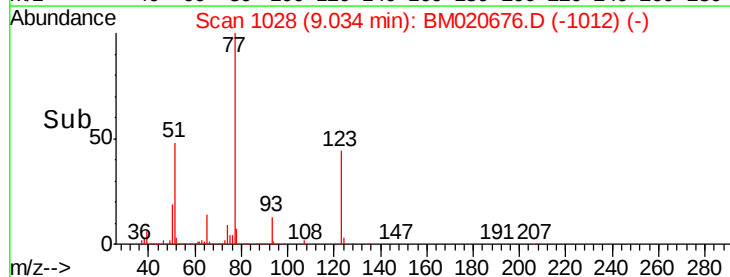
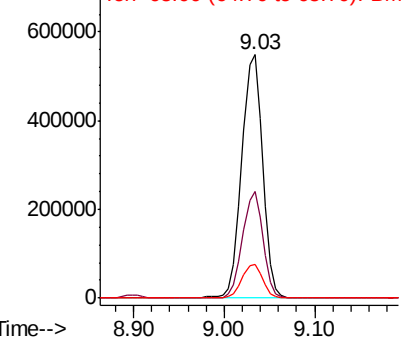


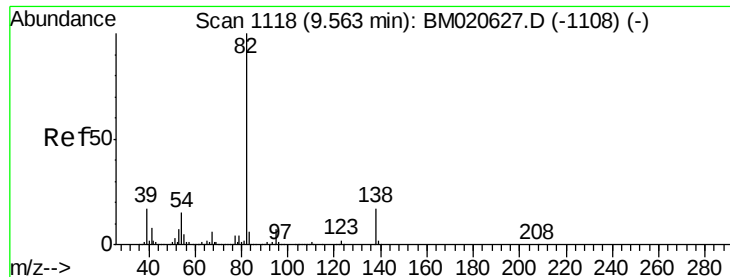
#24
Nitrobenzene
Concen: 32.442 ng
RT: 9.03 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion: 77 Resp: 883582
Ion Ratio Lower Upper
77 100
123 44.1 33.7 50.5
65 13.7 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BM0
600000 Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 29.655 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

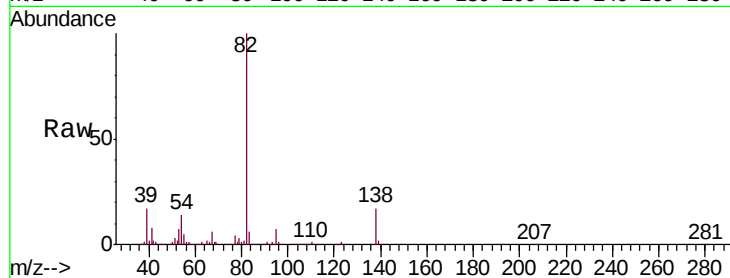
Tgt Ion: 82 Resp: 1573784

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

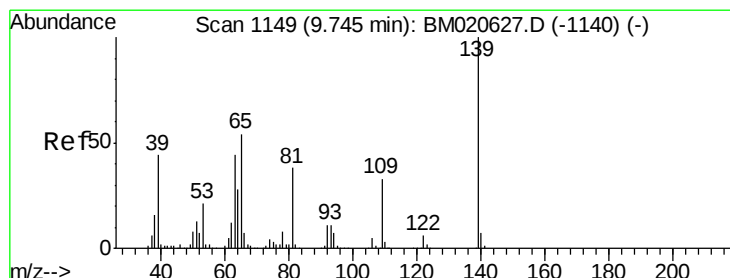
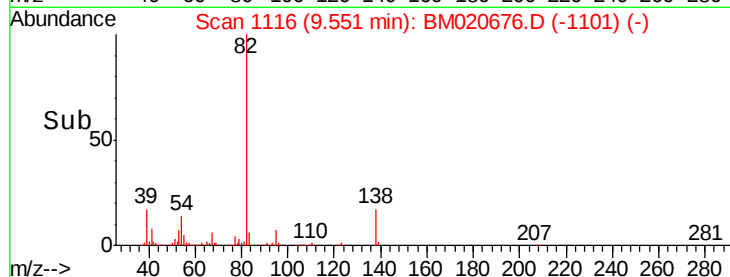
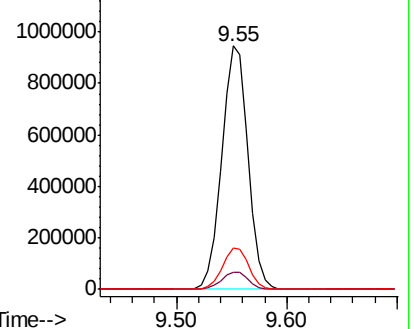
138 17.0 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 34.832 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

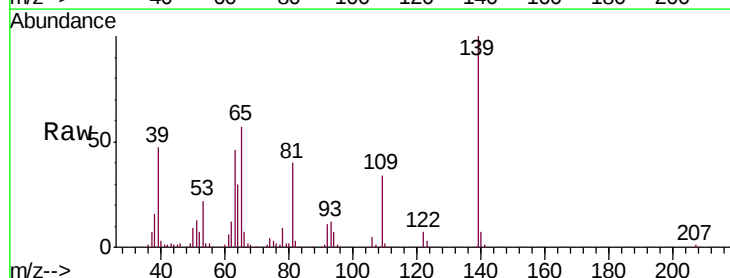
Tgt Ion: 139 Resp: 353563

Ion Ratio Lower Upper

139 100

109 33.8 26.1 39.1

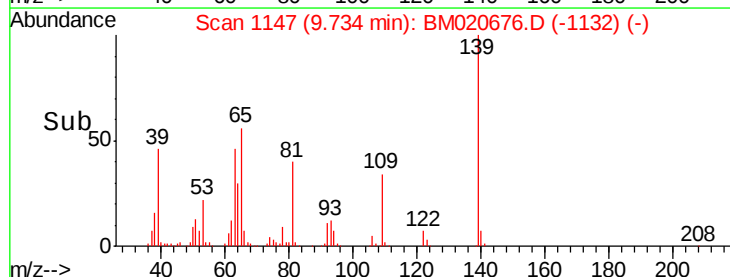
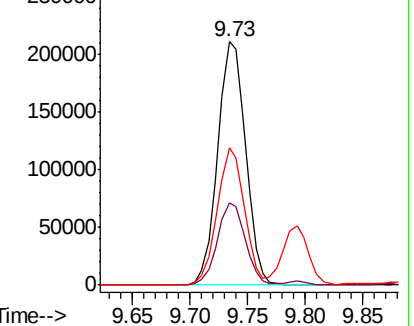
65 56.5 43.4 65.0

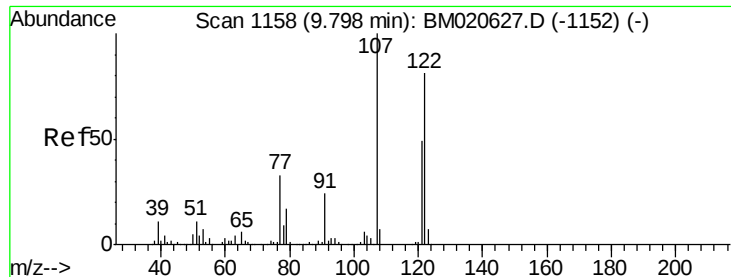


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)

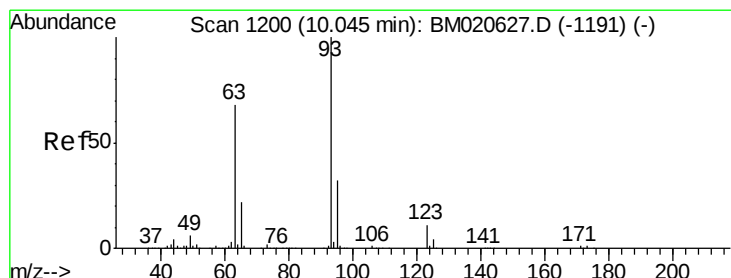
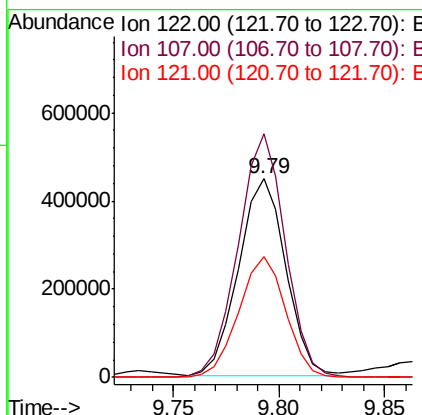
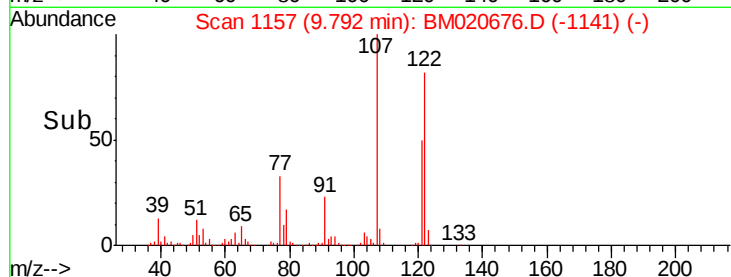
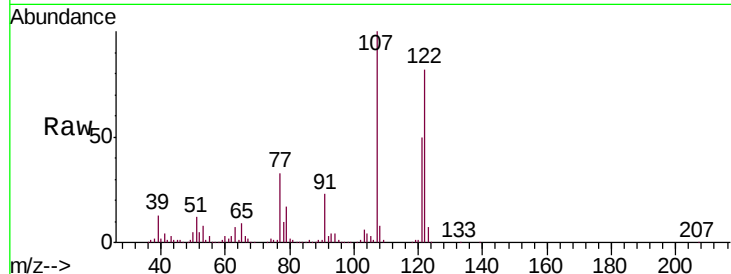




#27
 2,4-Dimethylphenol
 Concen: 36.354 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

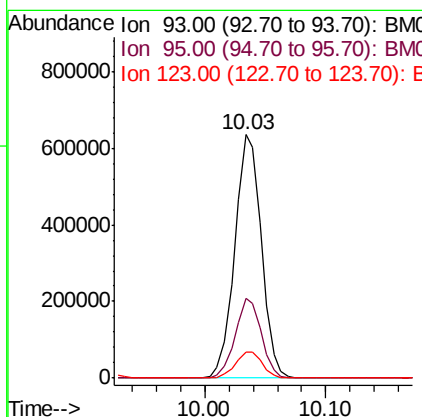
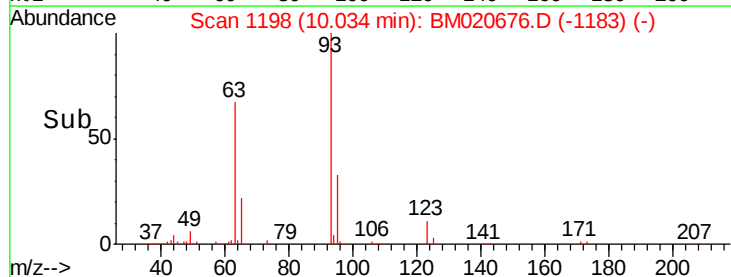
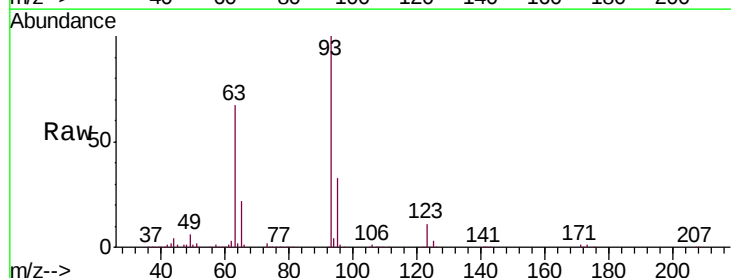
Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

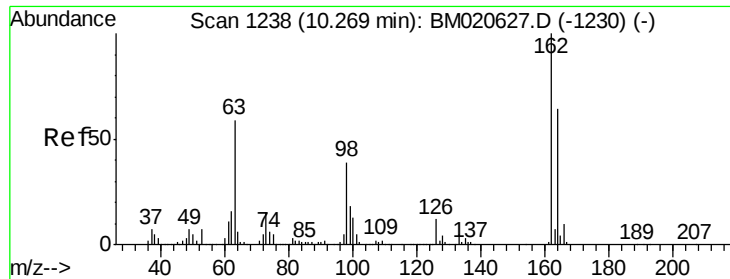
Tgt Ion: 122 Resp: 691482
 Ion Ratio Lower Upper
 122 100
 107 122.7 98.0 147.0
 121 60.8 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.373 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion: 93 Resp: 974612
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.6
 123 10.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 32.816 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

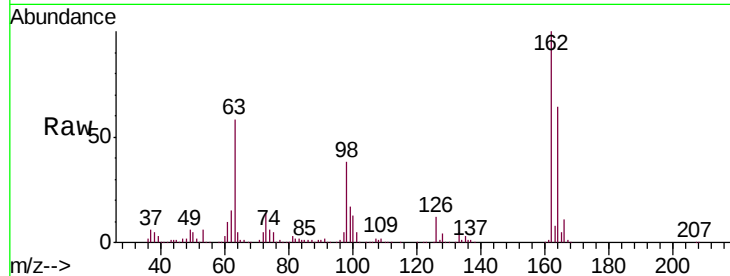
Tgt Ion:162 Resp: 690582

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

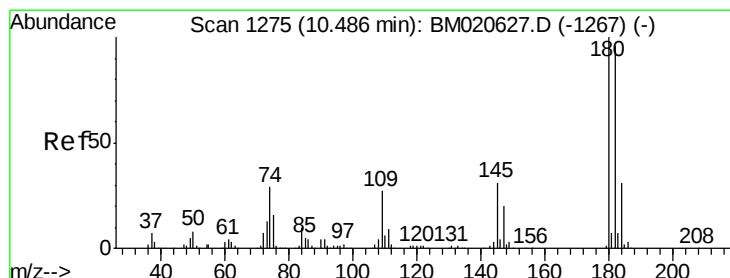
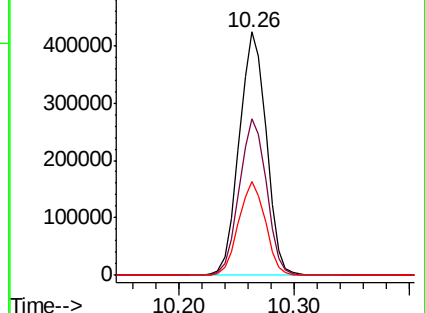
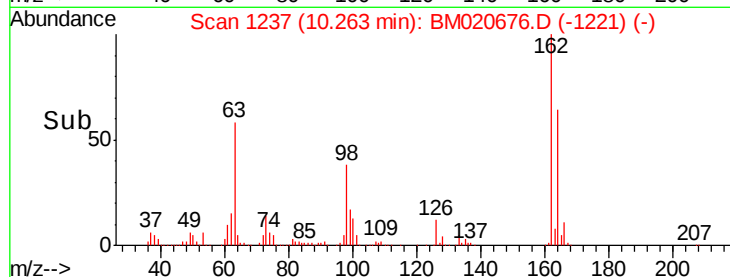
98 38.3 19.1 59.1



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: 32.044 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

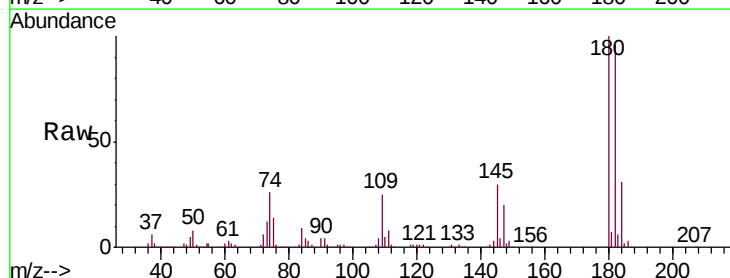
Tgt Ion:180 Resp: 775388

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

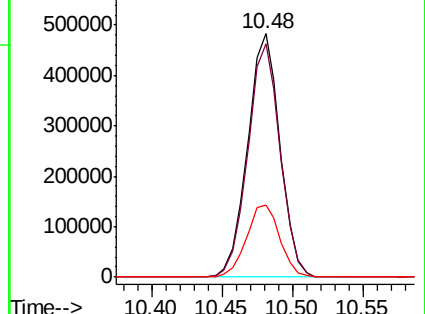
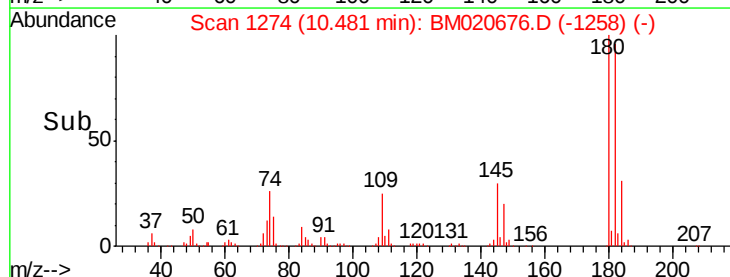
145 29.8 25.0 37.4

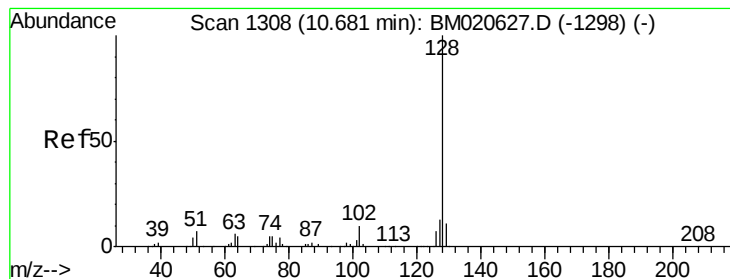


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.342 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

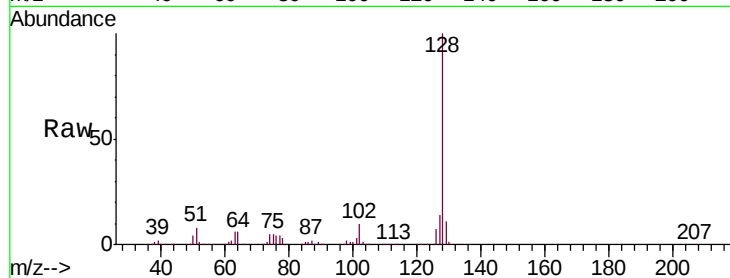
Tgt Ion:128 Resp: 2298959

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

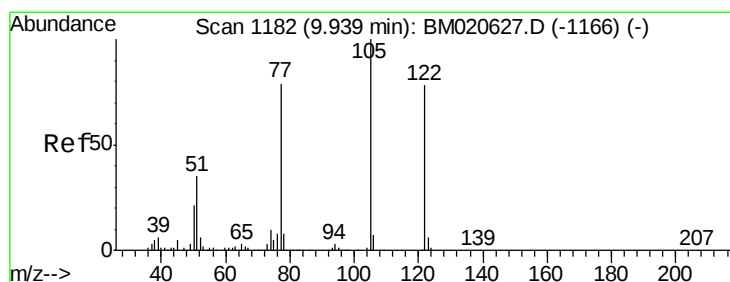
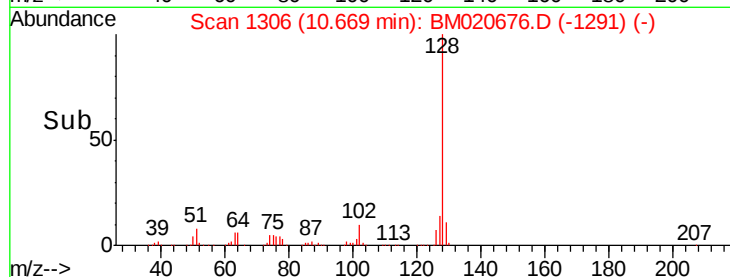
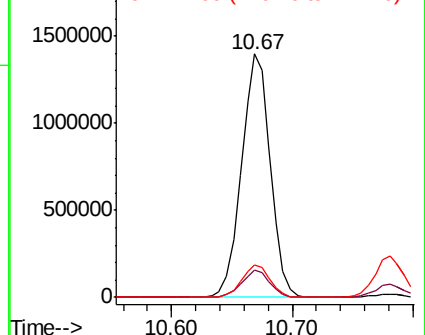
127 13.5 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.664 ng

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

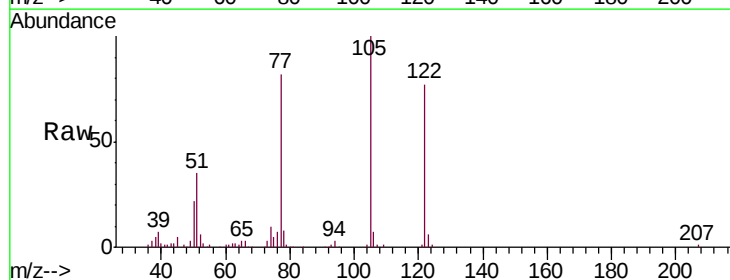
Tgt Ion:122 Resp: 342253

Ion Ratio Lower Upper

122 100

105 129.1 107.0 147.0

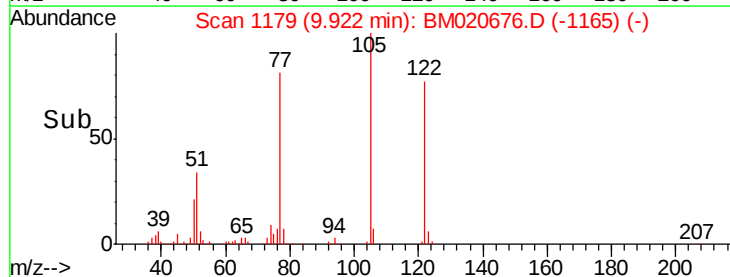
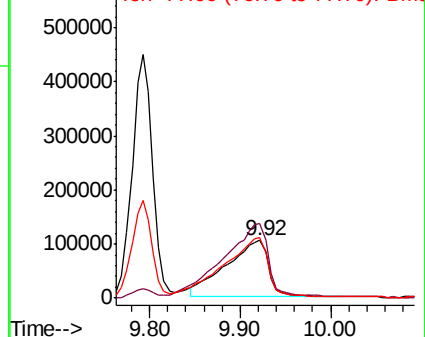
77 105.4 80.9 120.9

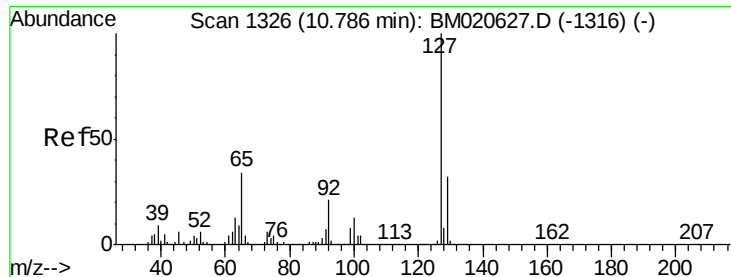


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

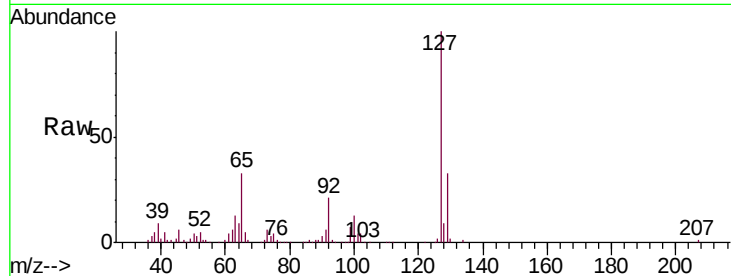




#33
4-Chloroaniline
Concen: 12.206 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:	127	Resp:	403780
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	33.0	27.4	41.0
92	21.0	17.0	25.6



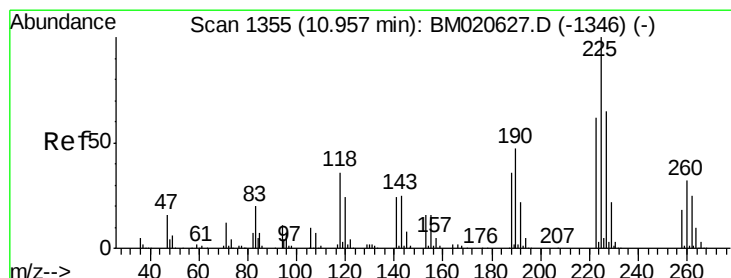
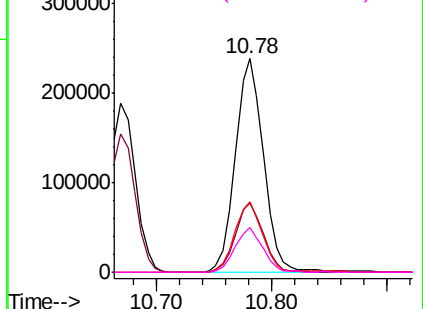
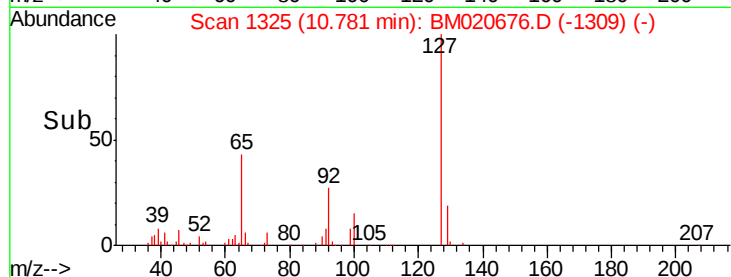
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

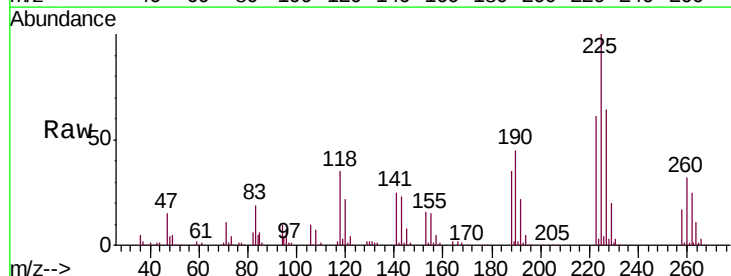
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 30.967 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:	225	Resp:	449600
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	63.9	51.8	77.8

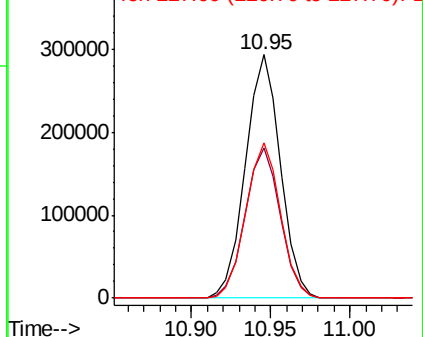
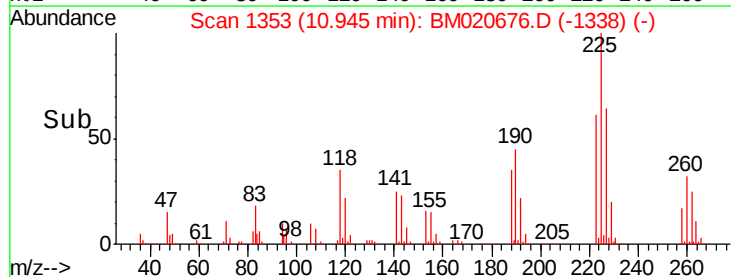


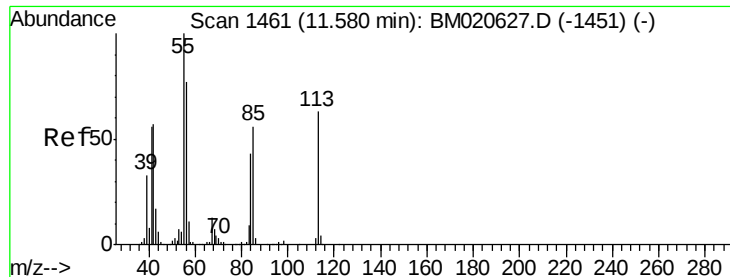
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.757 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

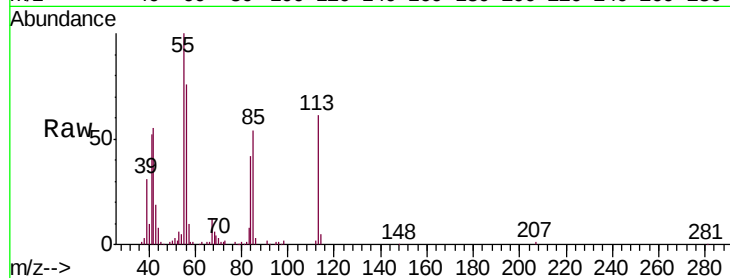
Tgt Ion:113 Resp: 188305

Ion Ratio Lower Upper

113 100

55 165.2 138.6 178.6

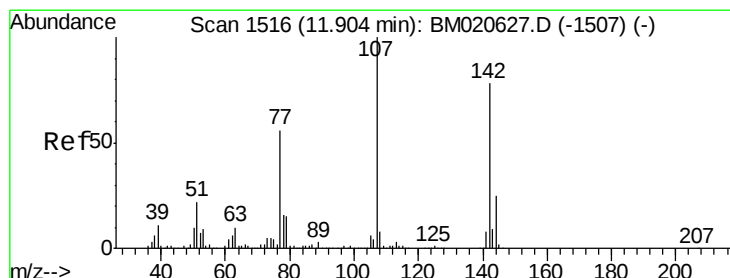
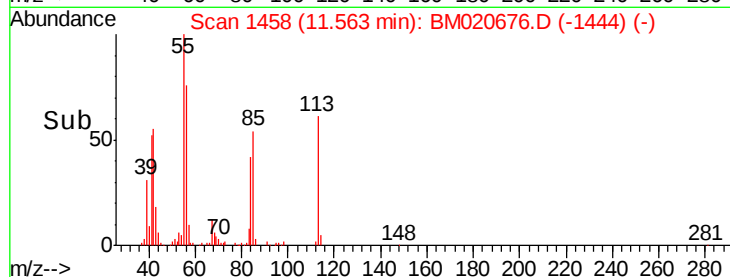
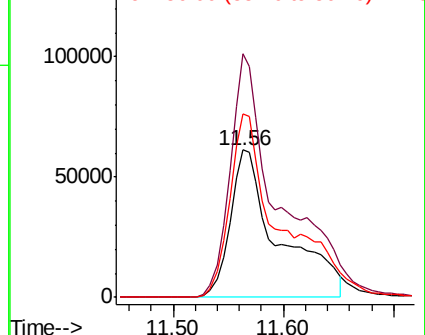
56 124.9 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 29.682 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

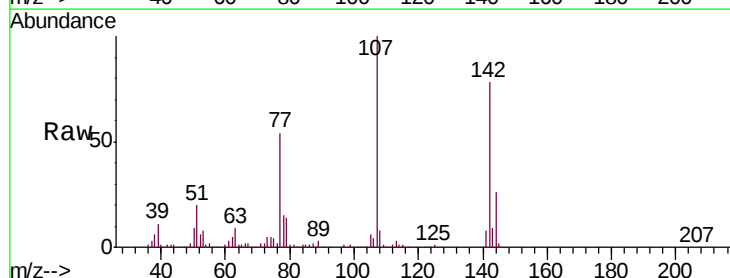
Tgt Ion:107 Resp: 726237

Ion Ratio Lower Upper

107 100

144 26.3 20.3 30.5

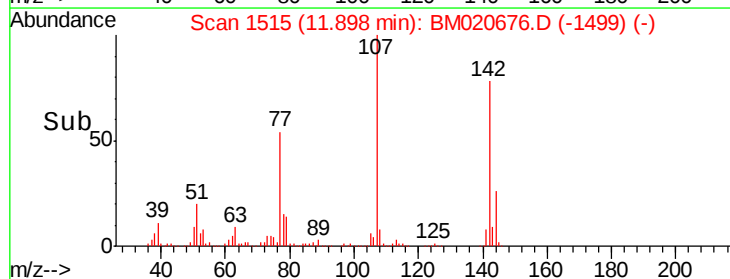
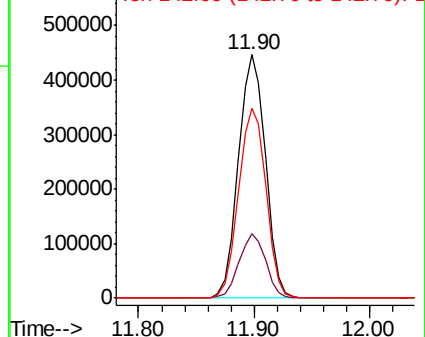
142 78.1 62.6 93.8

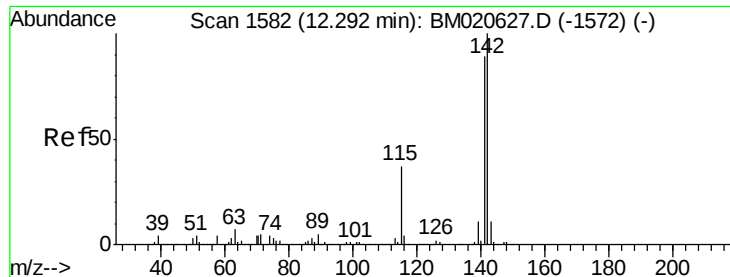


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

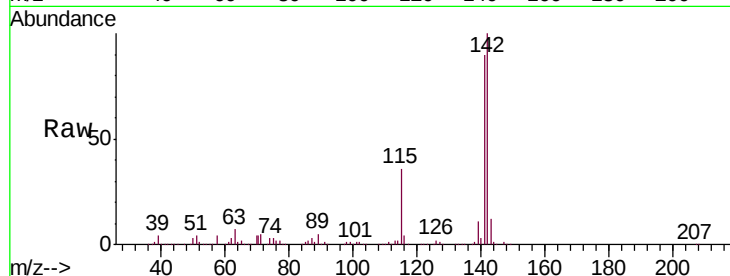




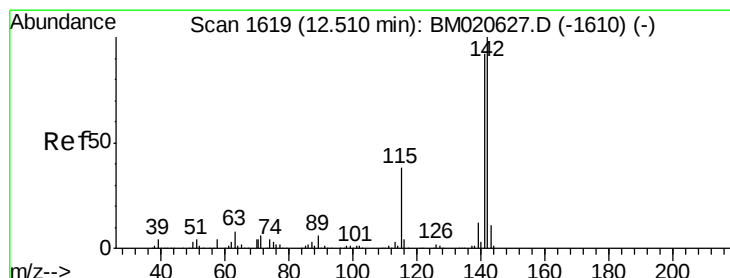
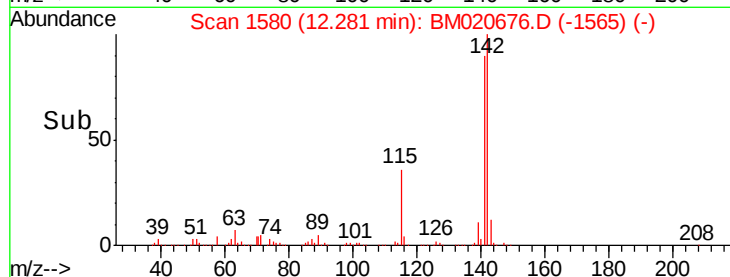
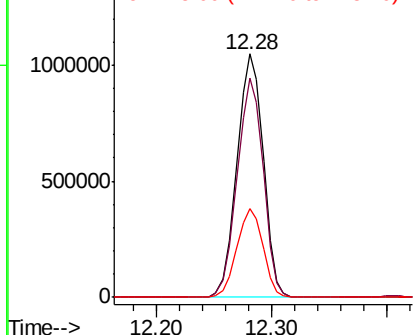
#37
2-Methylnaphthalene
Concen: 31.308 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:142 Resp: 1649550
Ion Ratio Lower Upper
142 100
141 90.2 71.6 107.4
115 36.2 29.6 44.4

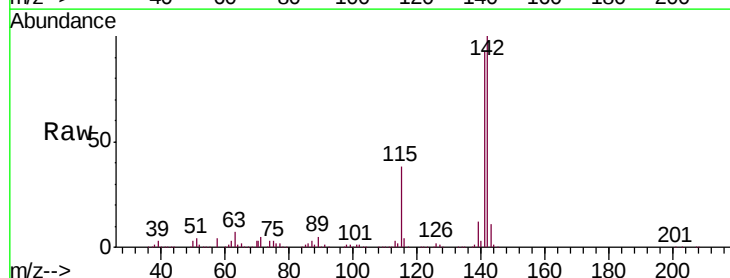


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

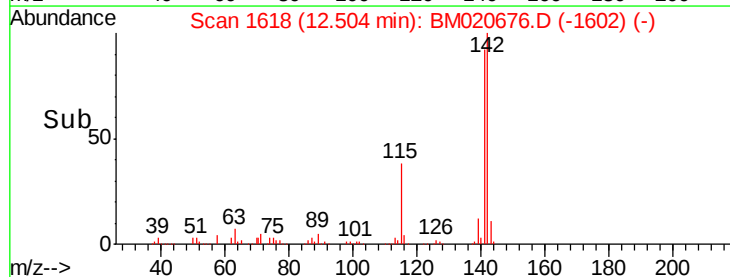
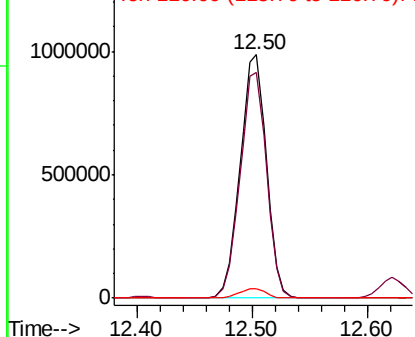


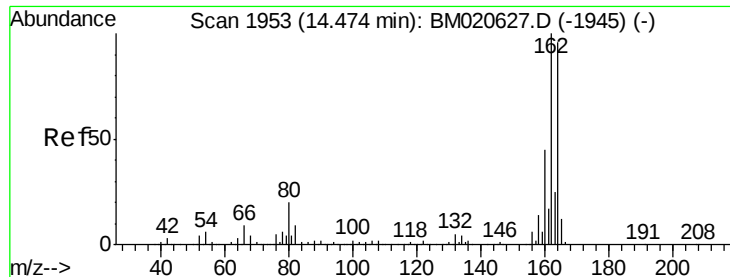
#38
1-Methylnaphthalene
Concen: 31.008 ng
RT: 12.50 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:142 Resp: 1555608
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9
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# 1951

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

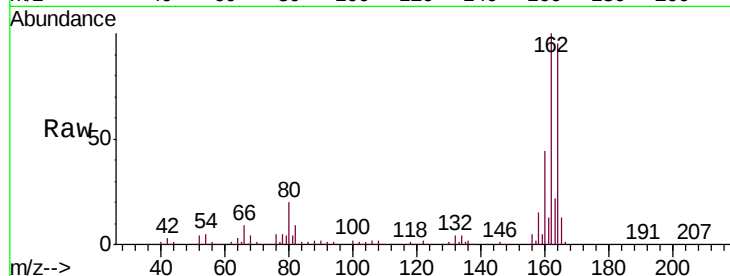
Tgt Ion:164 Resp: 730227

Ion Ratio Lower Upper

164 100

162 105.7 83.2 124.8

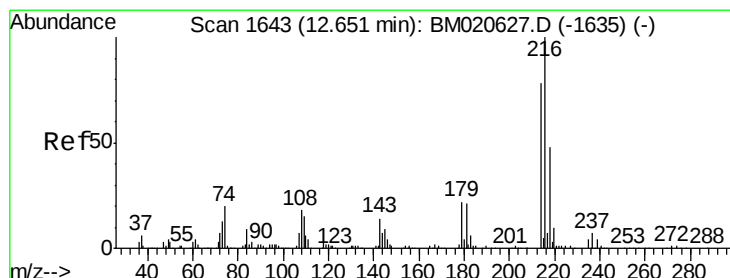
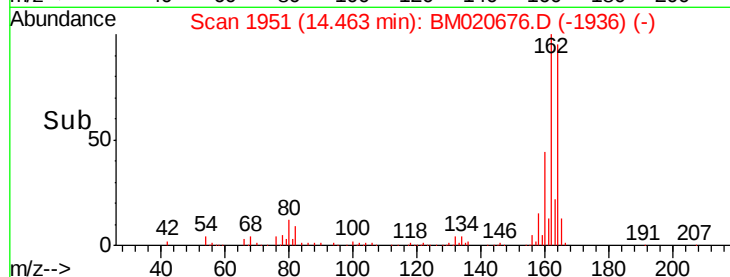
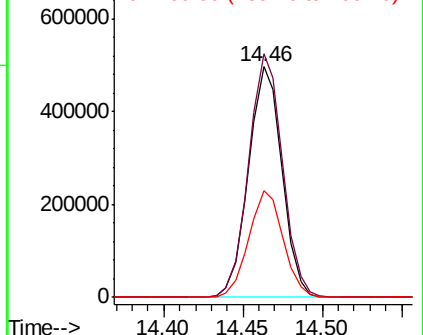
160 46.0 37.5 56.3



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: 34.186 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Tgt Ion:216 Resp: 818077

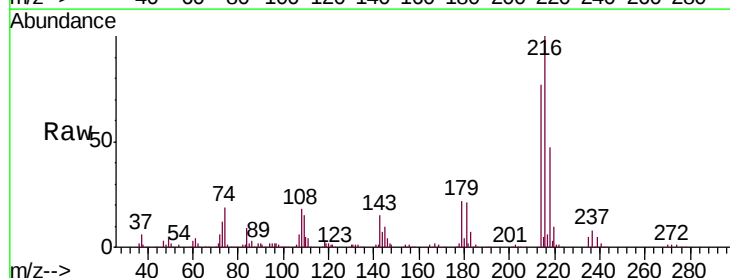
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.2 17.9 26.9

108 21.9 16.2 24.2

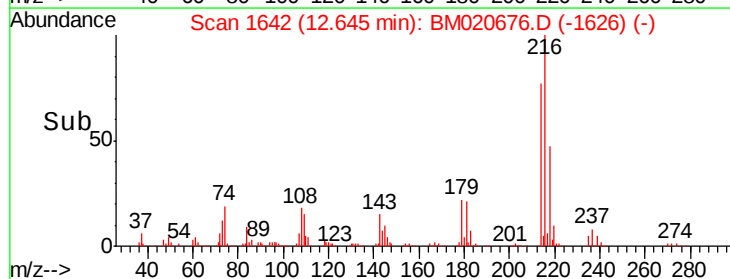
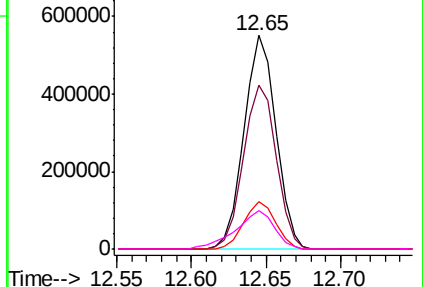


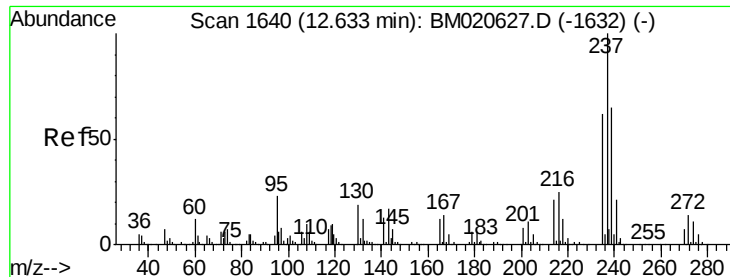
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 68.137 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

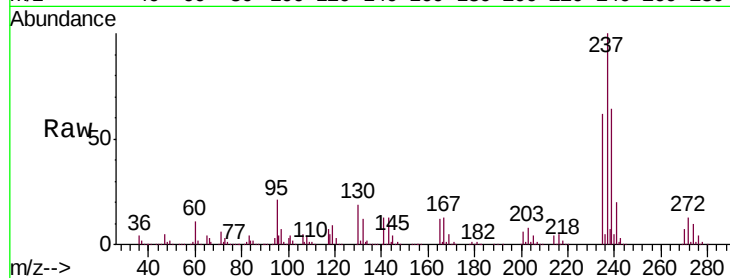
Tgt Ion:237 Resp: 975179

Ion Ratio Lower Upper

237 100

235 62.2 42.1 82.1

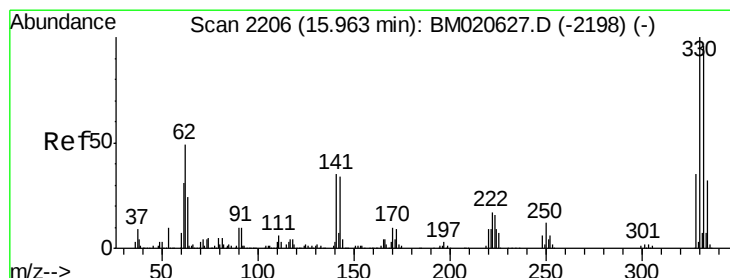
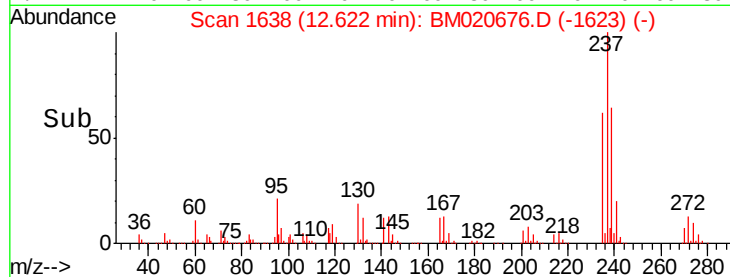
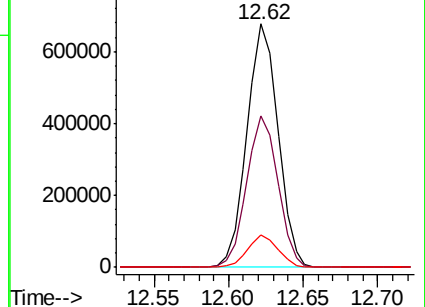
272 13.3 0.0 33.5



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: 130.937 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

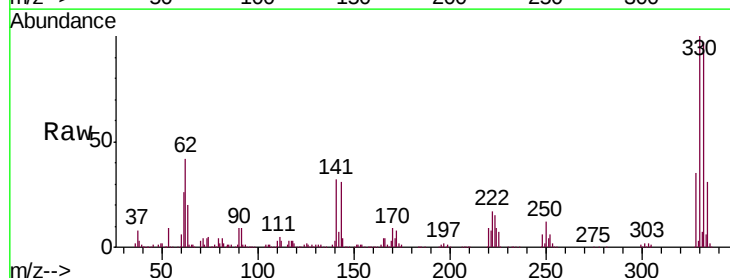
Tgt Ion:330 Resp: 1184646

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

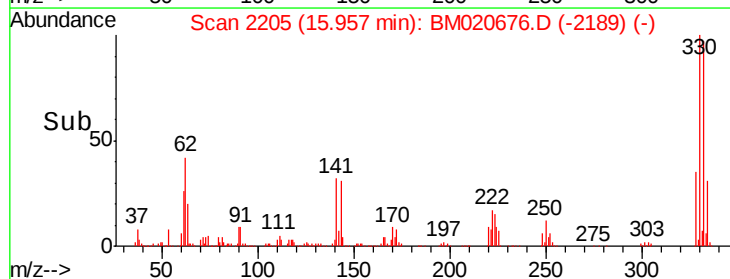
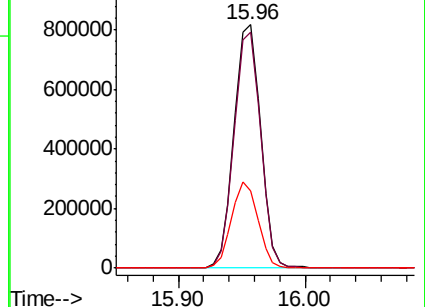
141 35.5 30.4 45.6

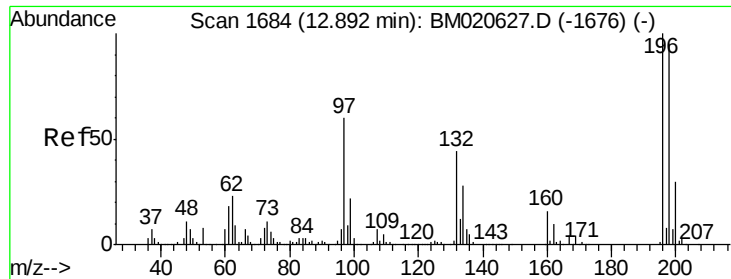


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

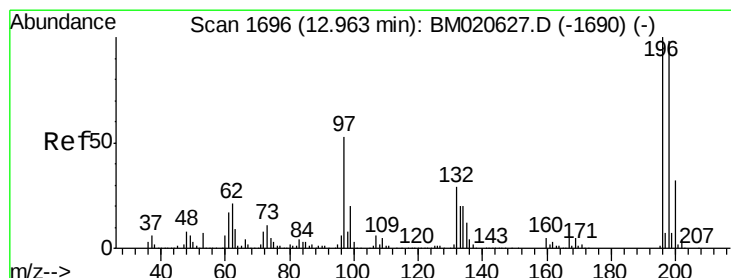
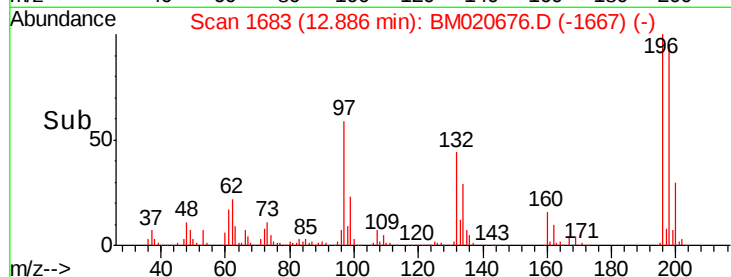
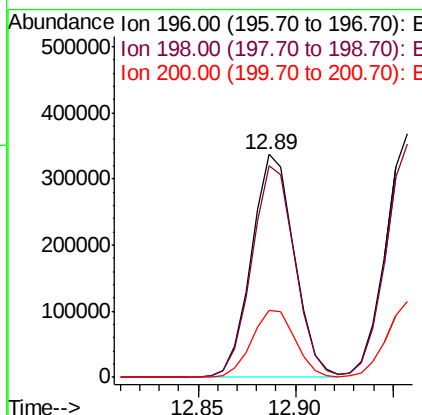
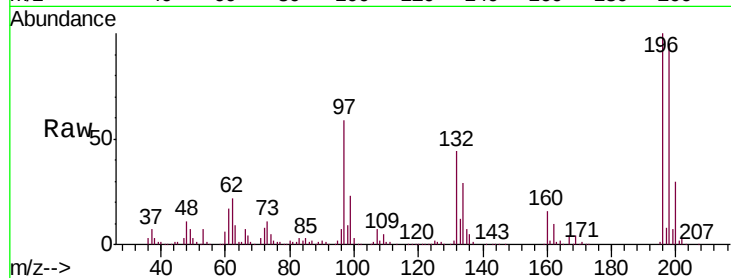




#43
 2,4,6-Trichlorophenol
 Concen: 33.285 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

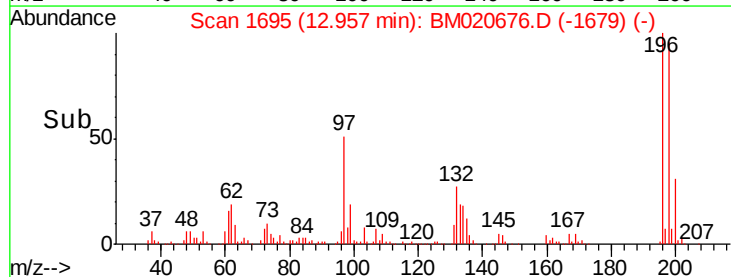
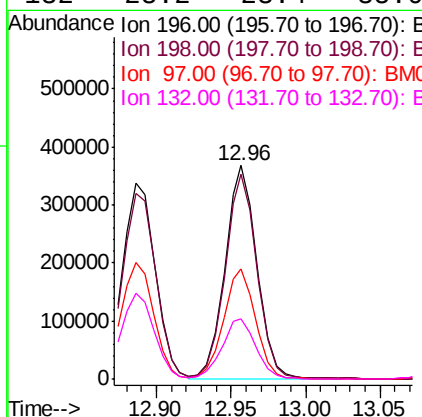
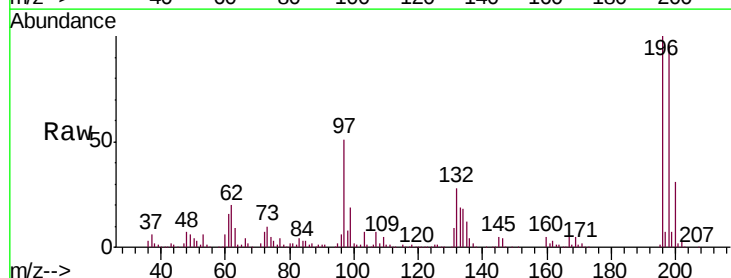
Instrument :
 BNA_M
 ClientSampleID :
 PB120221BS

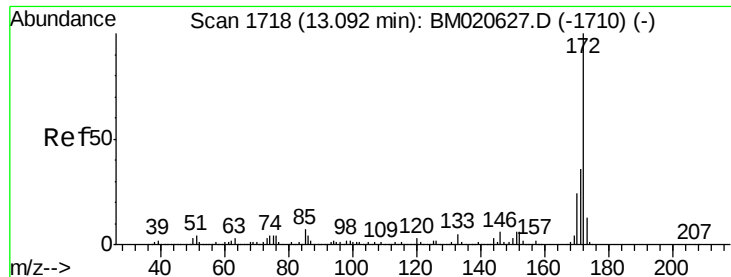
Tgt Ion:196 Resp: 512709
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.0 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 34.220 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:196 Resp: 544186
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.6 117.8
 97 51.5 42.7 64.1
 132 28.2 23.4 35.0

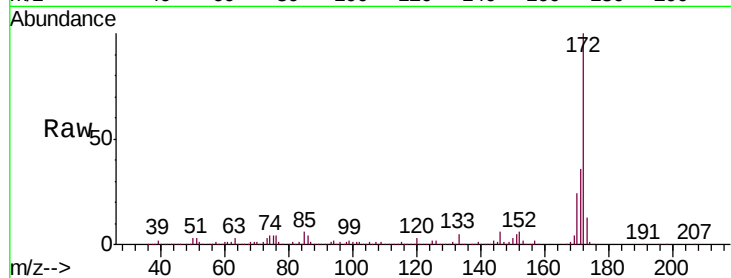




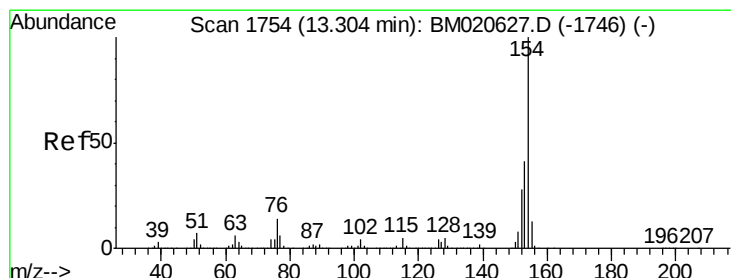
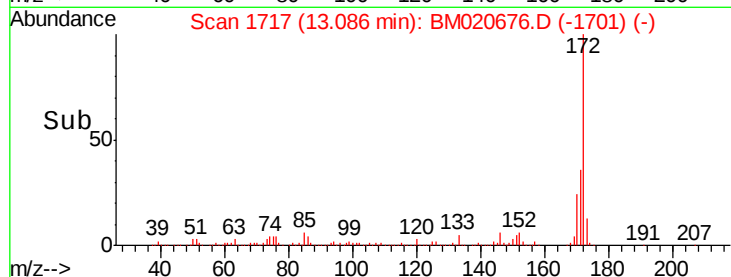
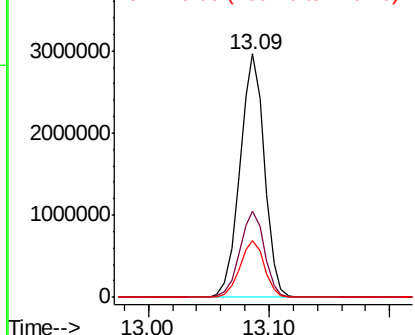
#45
2-Fluorobiphenyl
Concen: 76.057 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:172 Resp: 4177580
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 18.9 28.3

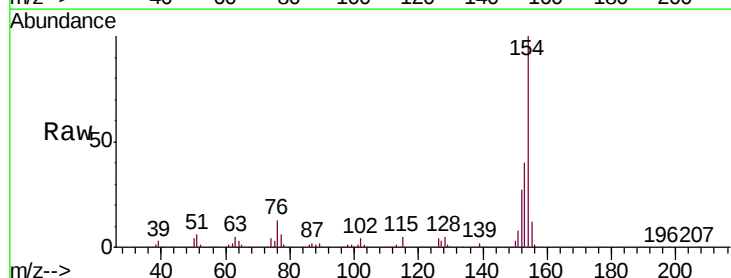


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

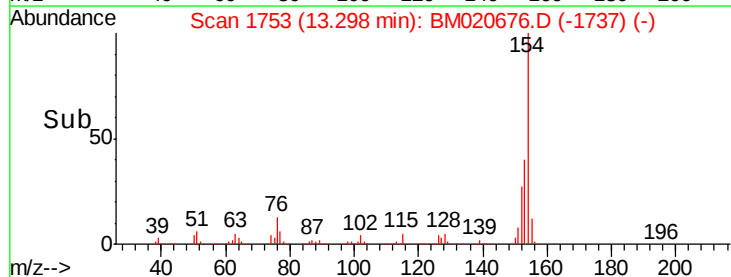
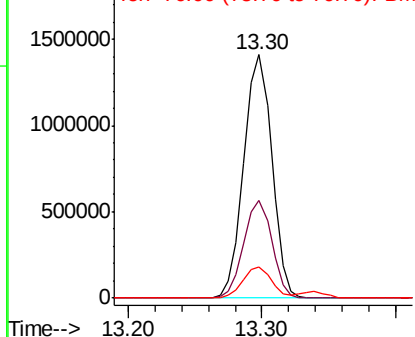


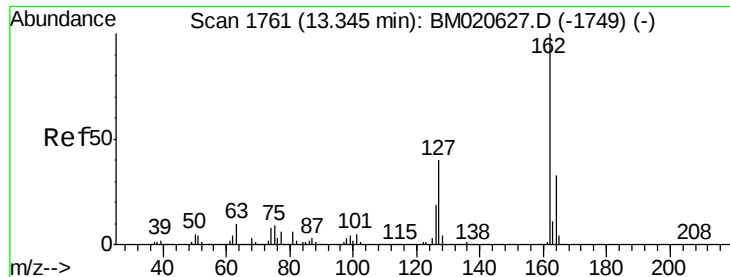
#46
1,1'-Biphenyl
Concen: 33.609 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:154 Resp: 2049666
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 12.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

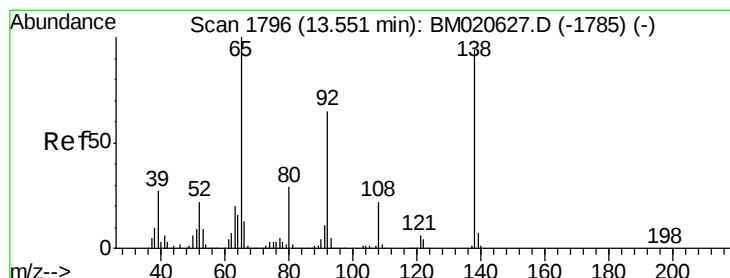
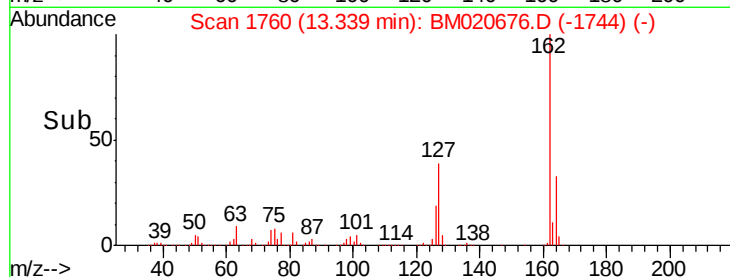
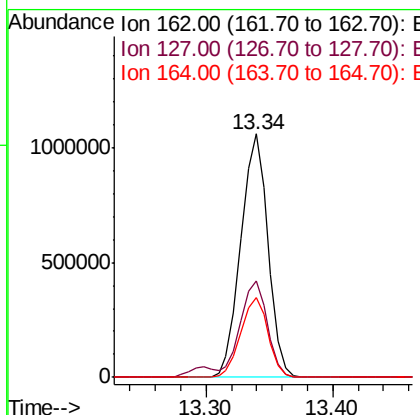
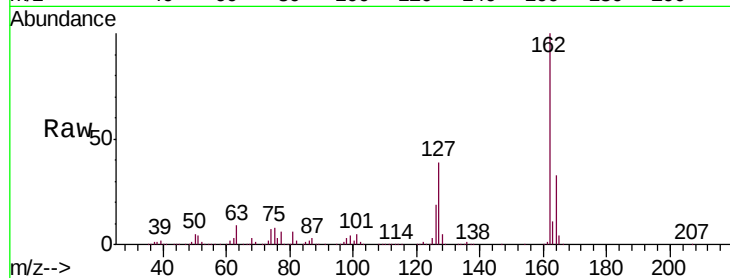




#47
 2-Chloronaphthalene
 Concen: 31.951 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

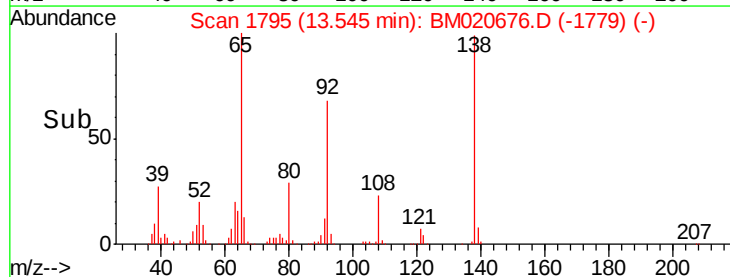
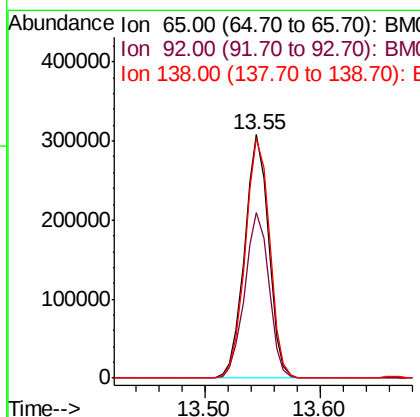
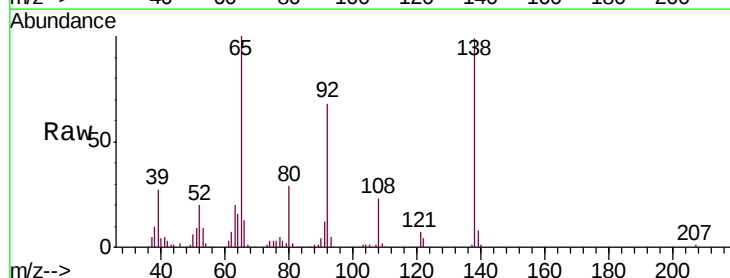
Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

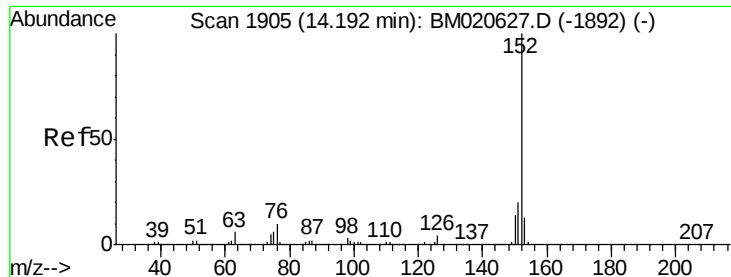
Tgt Ion: 162 Resp: 1572688
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.1 48.1
 164 33.0 26.6 39.8



#48
 2-Nitroaniline
 Concen: 28.859 ng
 RT: 13.55 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion: 65 Resp: 445836
 Ion Ratio Lower Upper
 65 100
 92 68.0 52.2 78.4
 138 98.5 75.4 113.0





#49

Acenaphthylene

Concen: 32.081 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

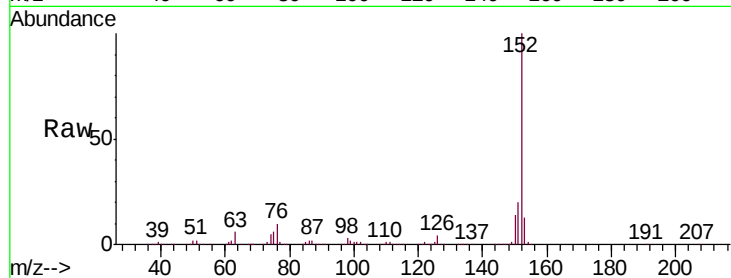
Tgt Ion:152 Resp: 2463814

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

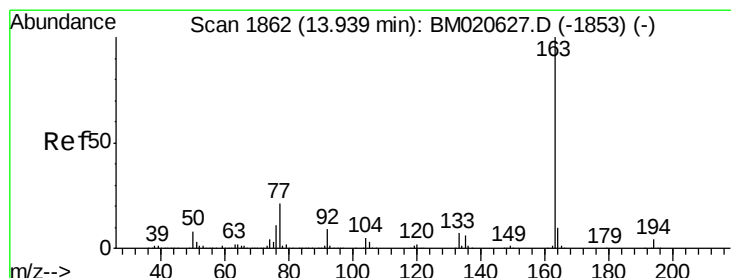
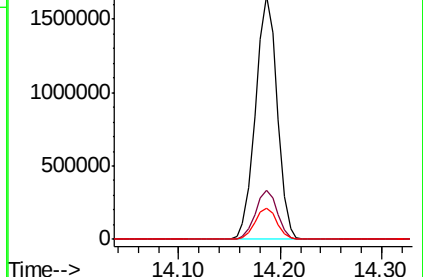
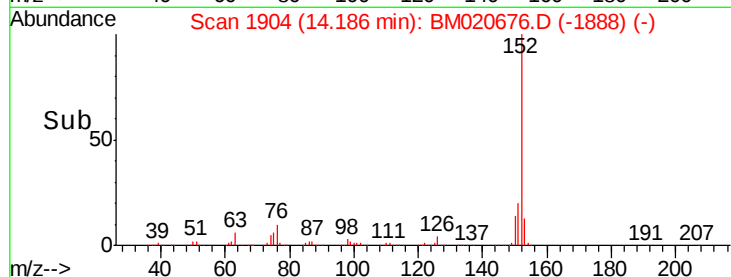
153 13.0 10.6 15.8



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: 29.975 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

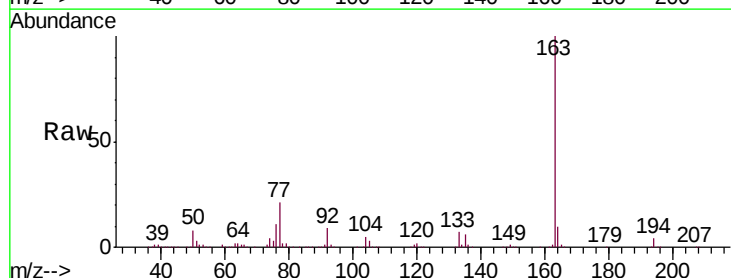
Tgt Ion:163 Resp: 1870054

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

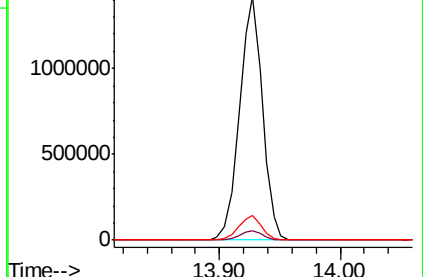
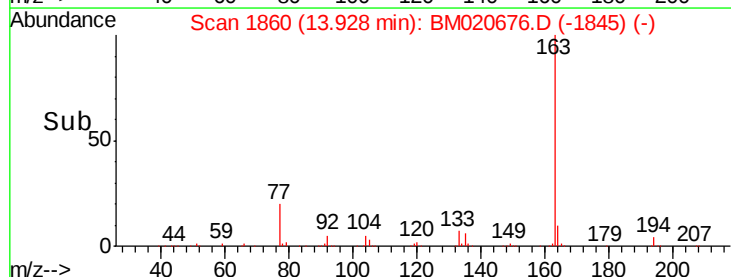
164 10.1 7.9 11.9

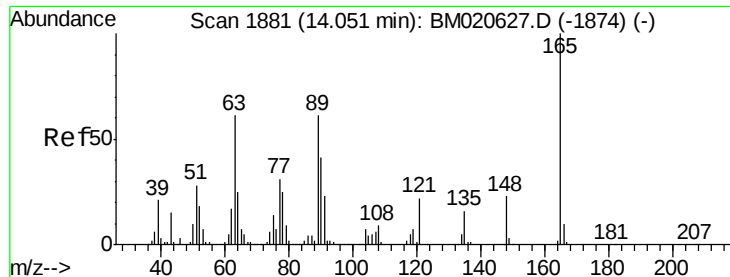


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 31.262 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

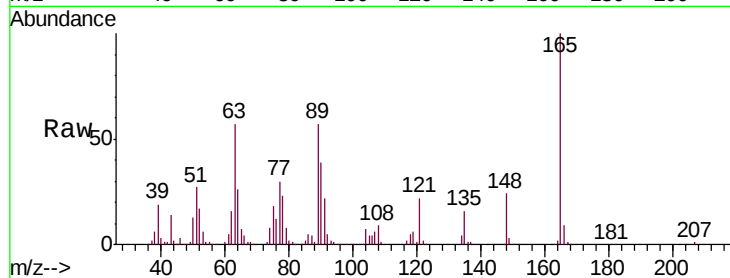
Tgt Ion:165 Resp: 396014

Ion Ratio Lower Upper

165 100

63 57.2 50.4 75.6

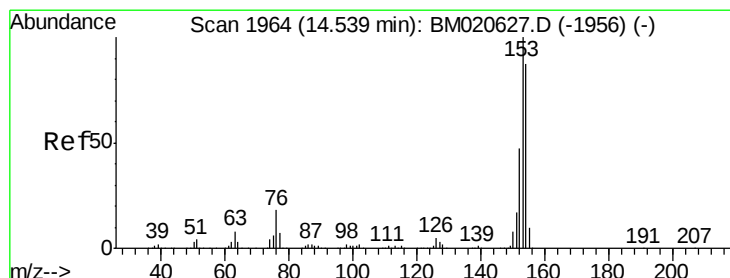
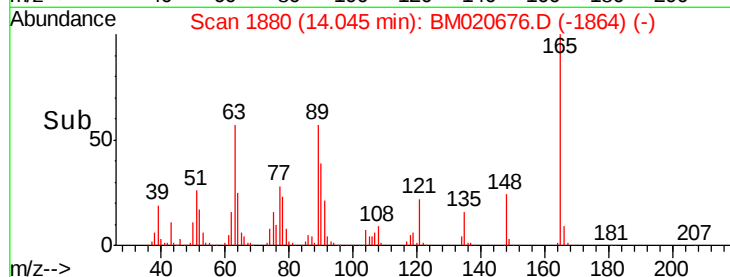
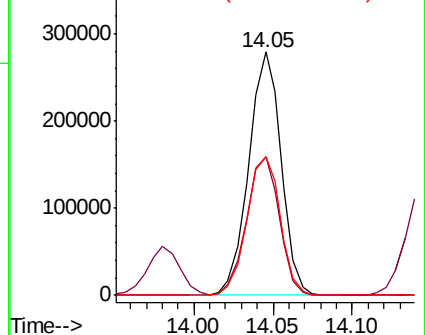
89 57.1 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 31.355 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

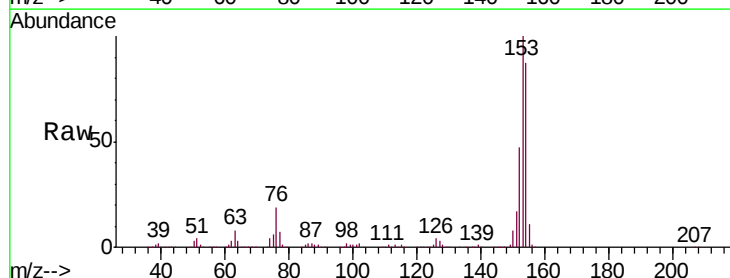
Tgt Ion:154 Resp: 1435049

Ion Ratio Lower Upper

154 100

153 114.7 92.4 138.6

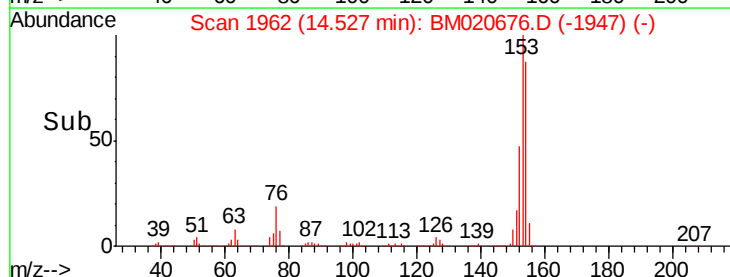
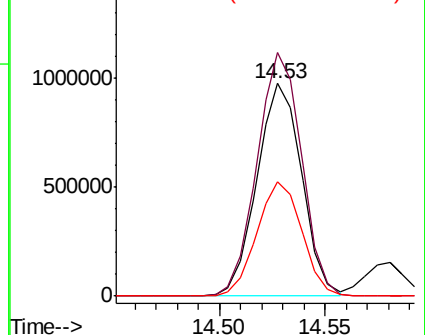
152 53.9 43.4 65.0

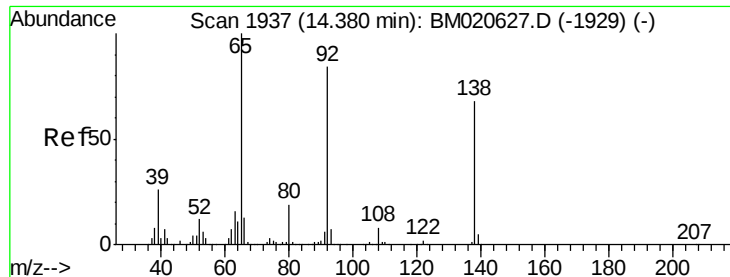


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

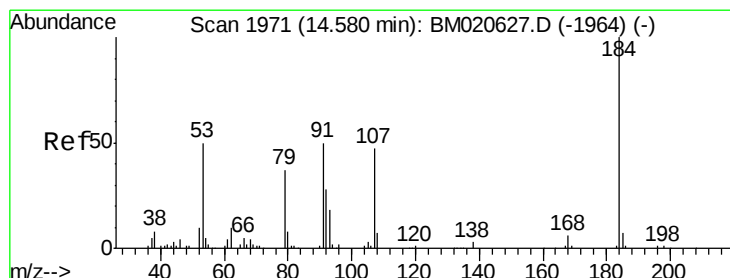
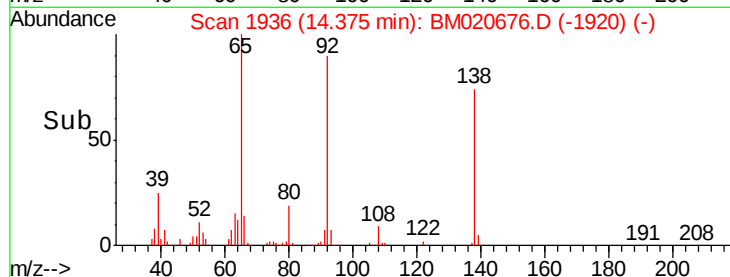
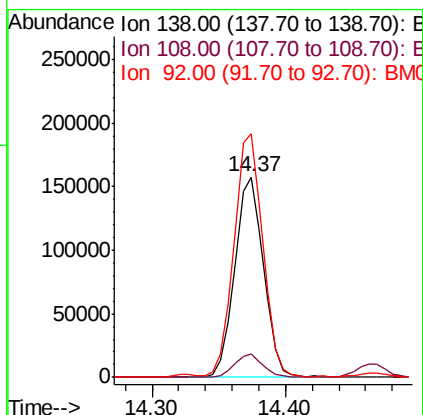
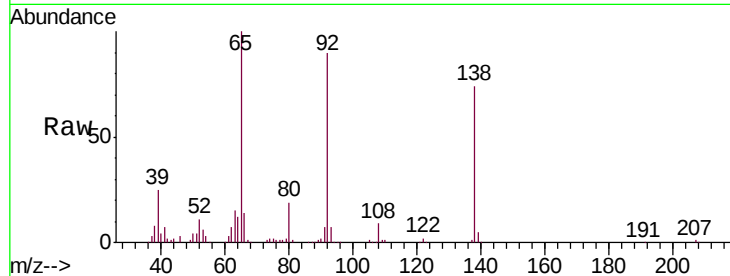




#53
3-Nitroaniline
Concen: 16.697 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

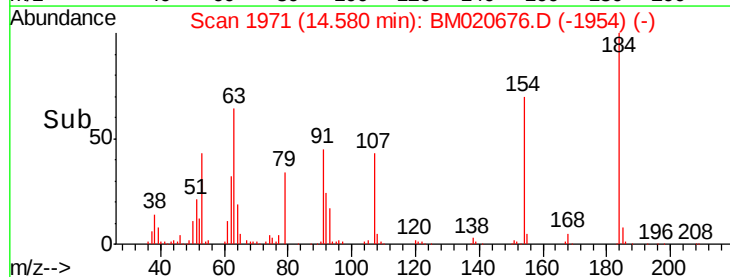
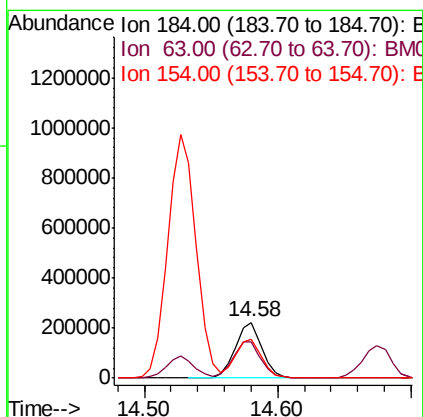
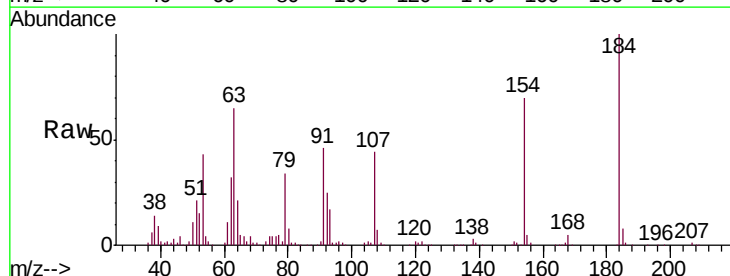
Instrument :
BNA_M
ClientSampleId :
PB120221BS

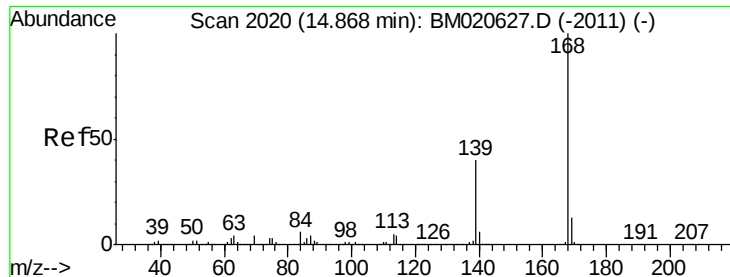
Tgt Ion:138 Resp: 236078
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 121.5 99.6 149.4



#54
2,4-Dinitrophenol
Concen: 58.865 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:184 Resp: 309304
Ion Ratio Lower Upper
184 100
63 64.5 59.3 88.9
154 70.2 56.5 84.7

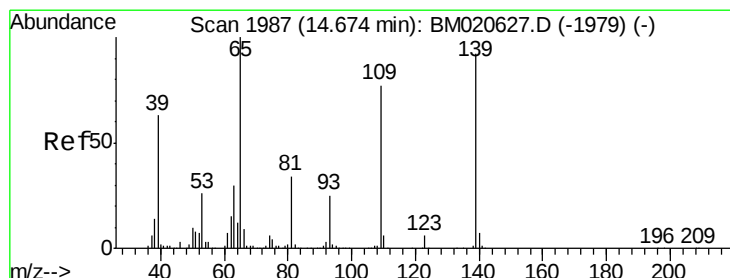
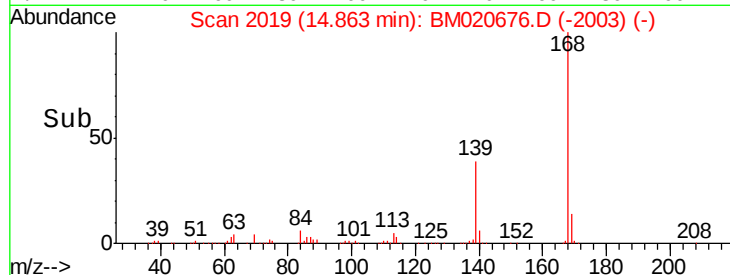
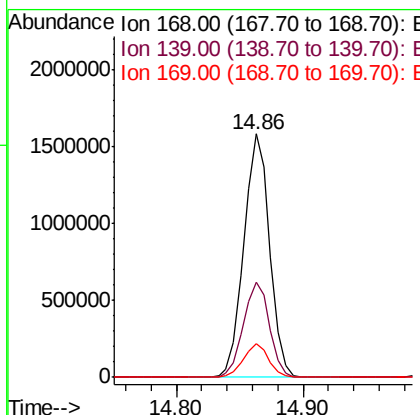
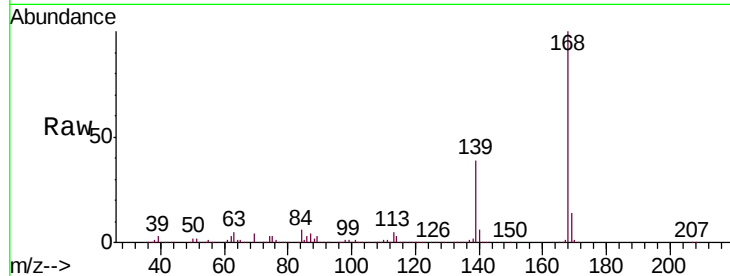




#55
Dibenzenofuran
Concen: 31.275 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

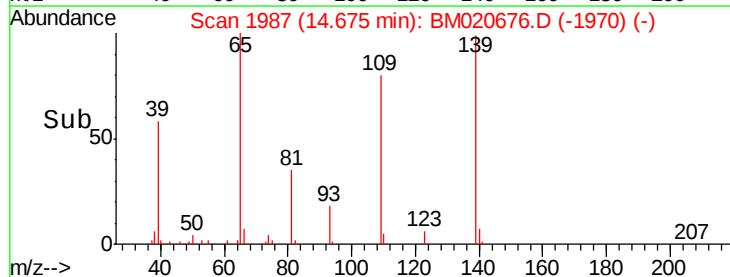
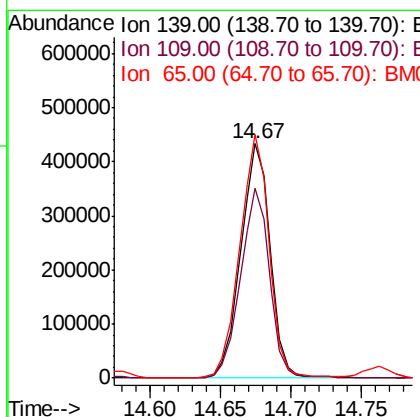
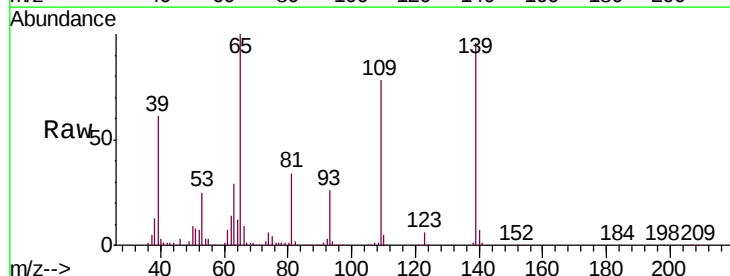
Instrument :
BNA_M
ClientSampleId :
PB120221BS

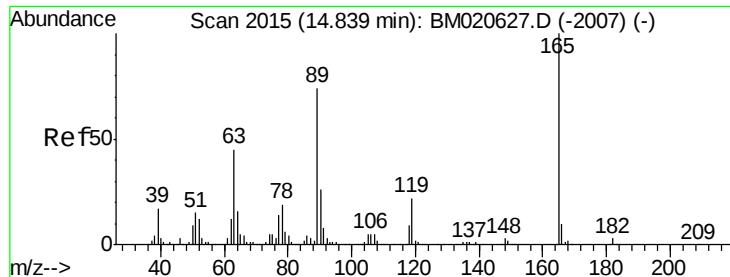
Tgt Ion:168 Resp: 2223168
Ion Ratio Lower Upper
168 100
139 39.2 31.9 47.9
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 60.617 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:139 Resp: 631586
Ion Ratio Lower Upper
139 100
109 81.1 62.7 102.7
65 103.8 88.3 128.3

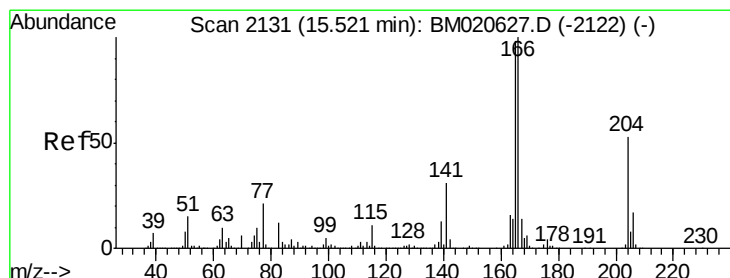
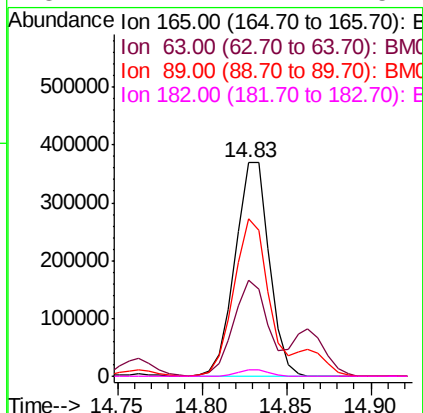
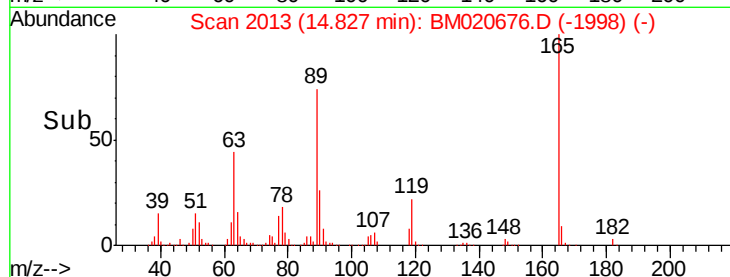
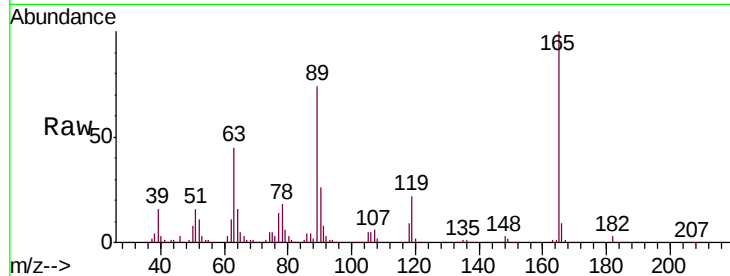




#57
2,4-Dinitrotoluene
Concen: 30.768 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

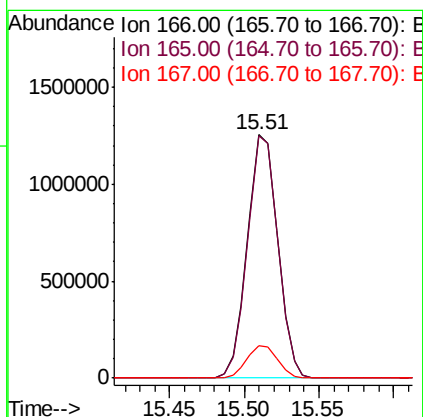
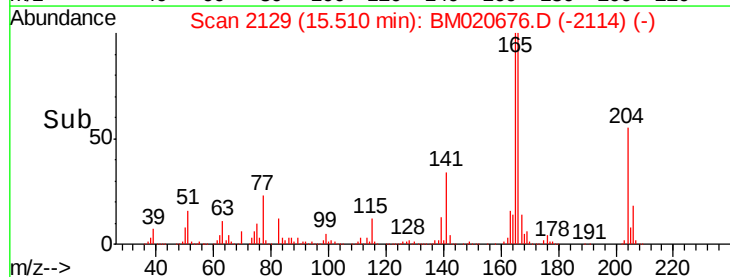
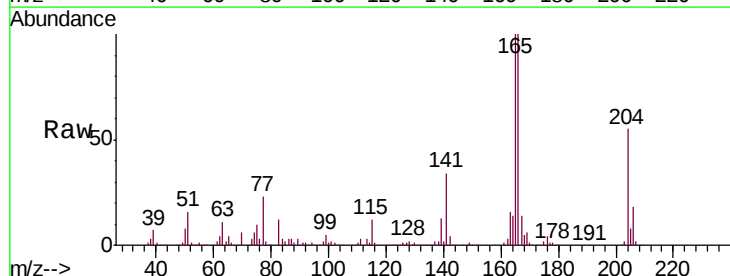
Instrument :
BNA_M
ClientSampleId :
PB120221BS

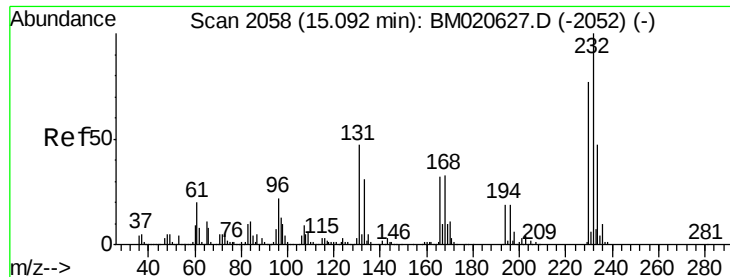
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	36.3	54.5
89	73.6	59.0	88.6
182	2.7	2.2	3.4



#58
Fluorene
Concen: 30.282 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.6	11.0	16.4

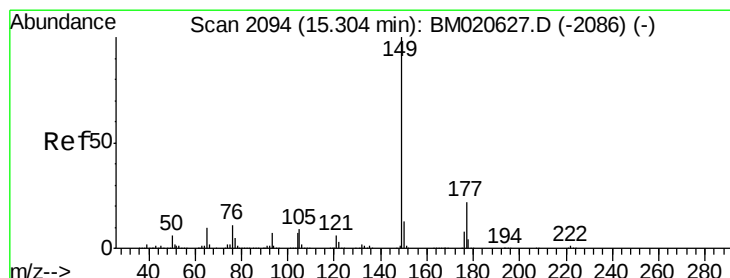
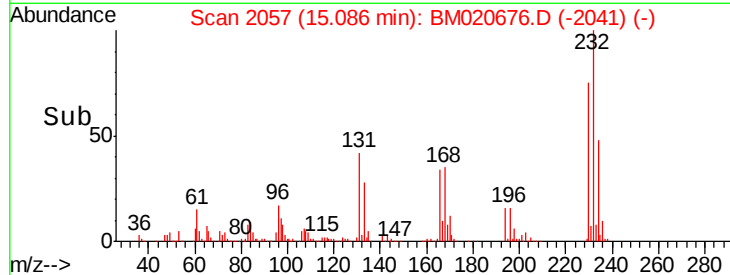
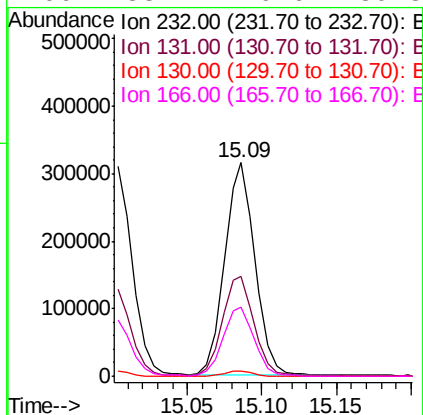
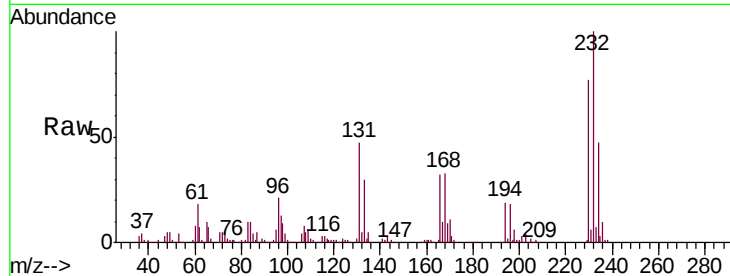




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.224 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

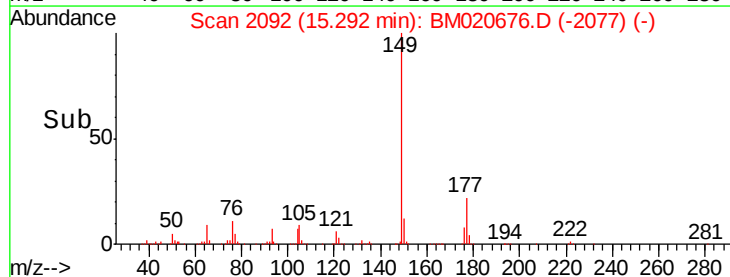
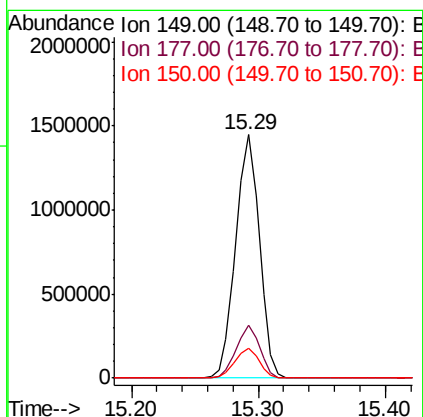
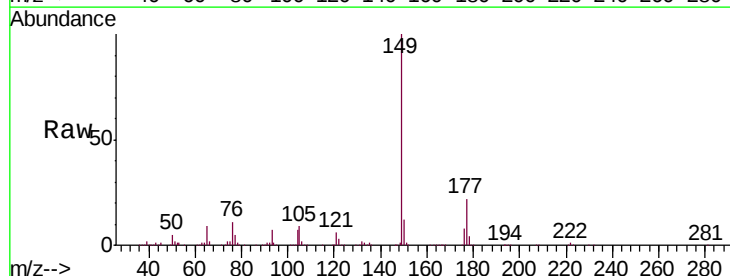
Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

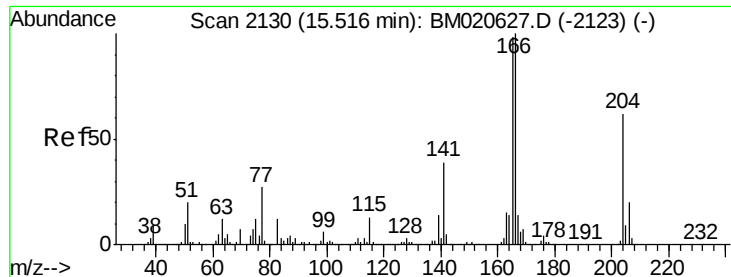
Tgt Ion:	232	Resp:	446529
Ion	Ratio	Lower	Upper
232	100		
131	48.6	38.6	57.8
130	2.5	2.2	3.2
166	33.1	26.6	39.8



#60
 Diethylphthalate
 Concen: 29.085 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:	149	Resp:	1871425
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.3	10.1	15.1

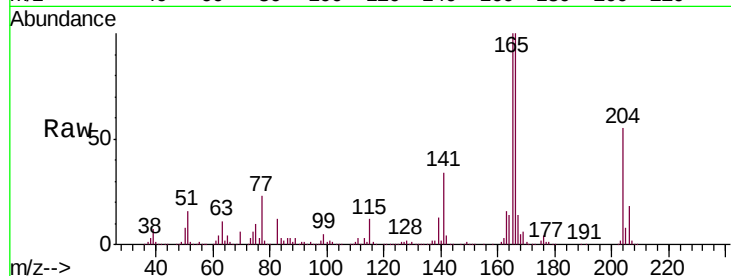




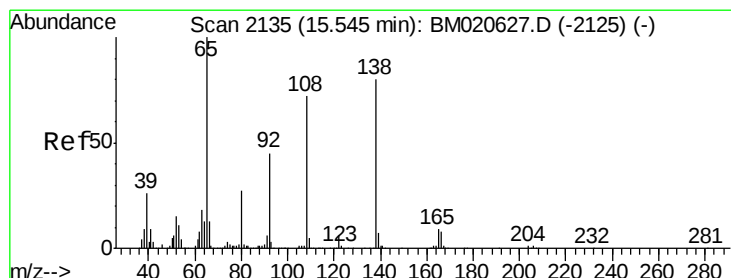
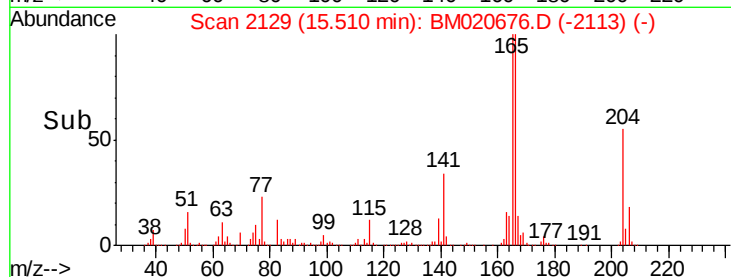
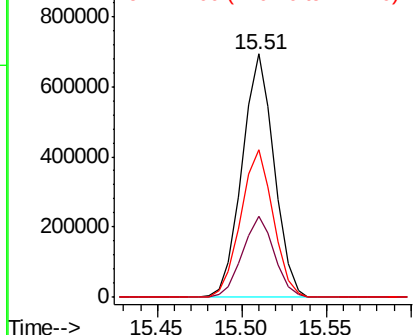
#61
 4-Chlorophenyl-phenylether
 Concen: 29.529 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

Tgt Ion: 204 Resp: 913965
 Ion Ratio Lower Upper
 204 100
 206 33.4 25.8 38.8
 141 60.8 50.2 75.4

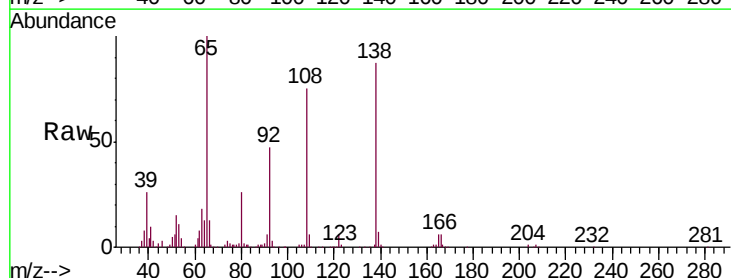


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

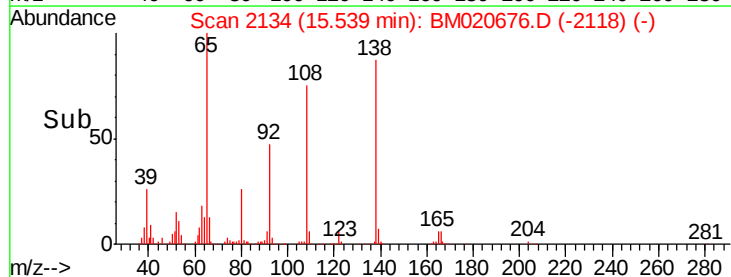
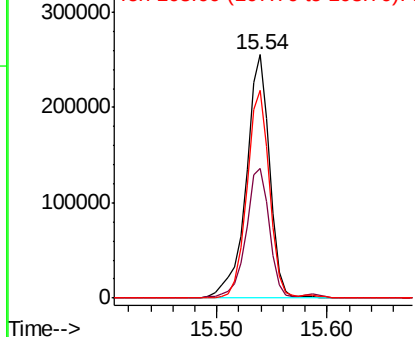


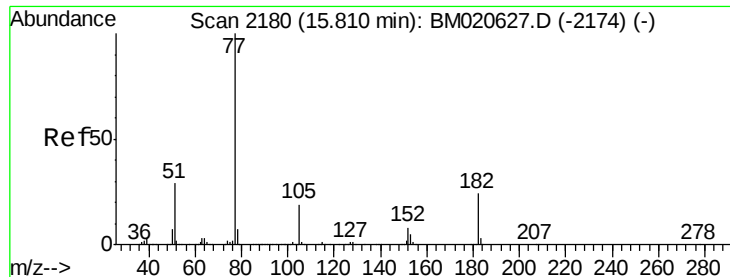
#62
 4-Nitroaniline
 Concen: 25.428 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion: 138 Resp: 381302
 Ion Ratio Lower Upper
 138 100
 92 53.5 36.7 76.7
 108 85.5 70.3 110.3



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





#63

Azobenzene

Concen: 29.319 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

Tgt Ion: 77 Resp: 1808553

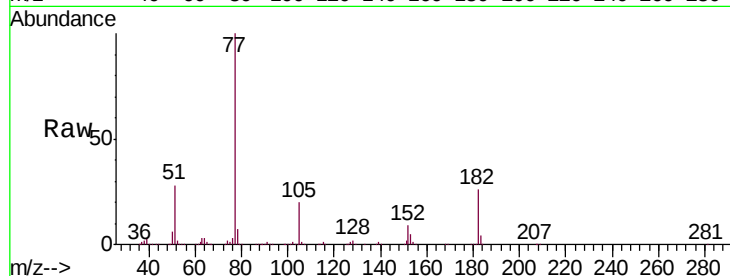
Ion Ratio Lower Upper

77 100

182 25.8 3.6 43.6

105 20.2 0.0 39.4

51 28.3 9.5 49.5

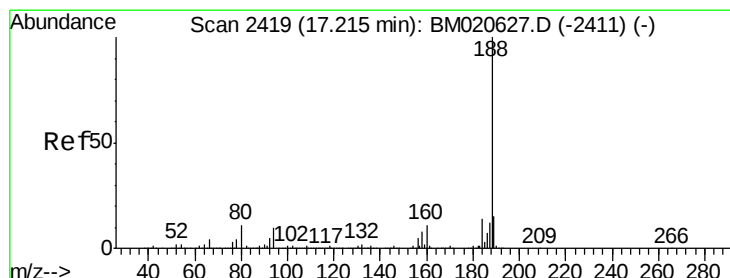
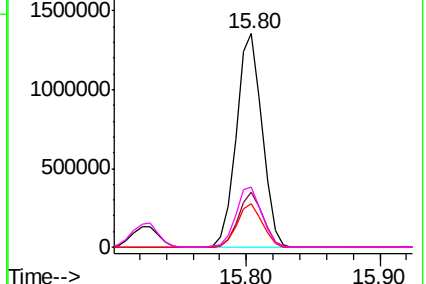
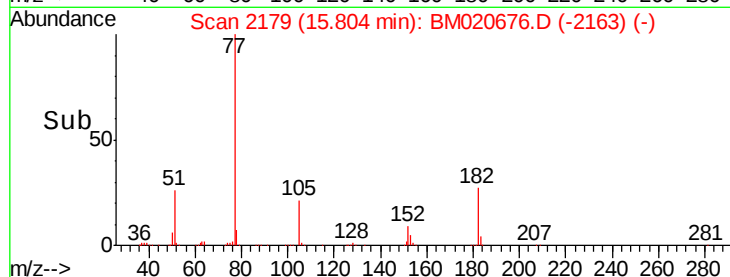


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

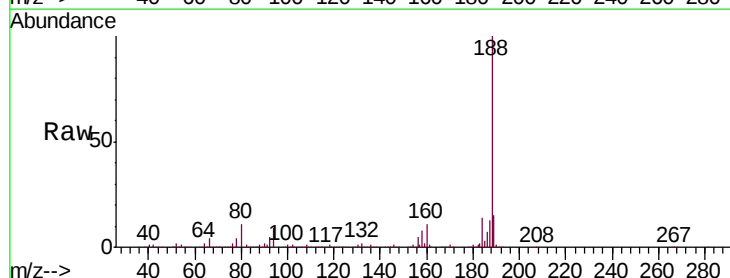
Tgt Ion: 188 Resp: 1429920

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.8

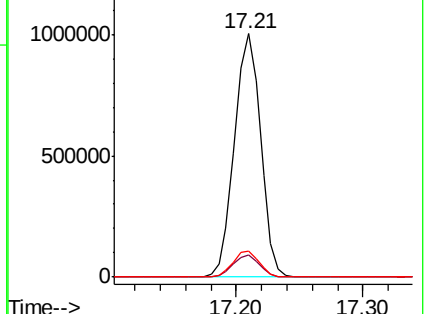
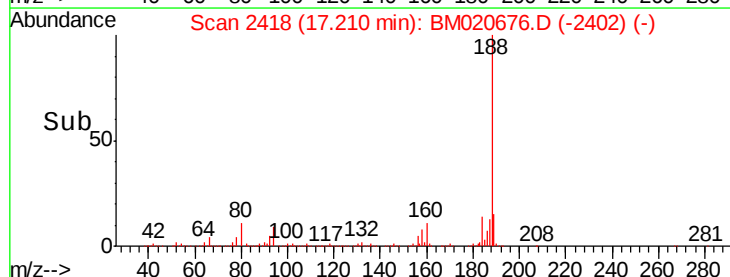
80 10.7 9.0 13.6

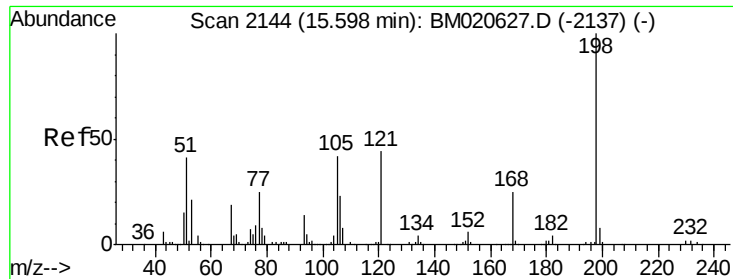


Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.608 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

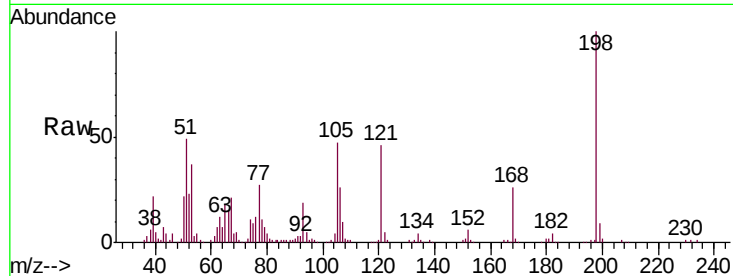
Tgt Ion:198 Resp: 189684

Ion Ratio Lower Upper

198 100

51 48.7 27.7 67.7

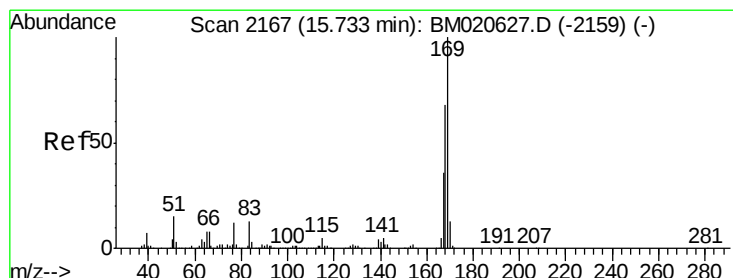
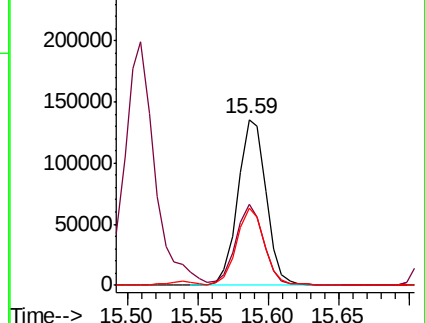
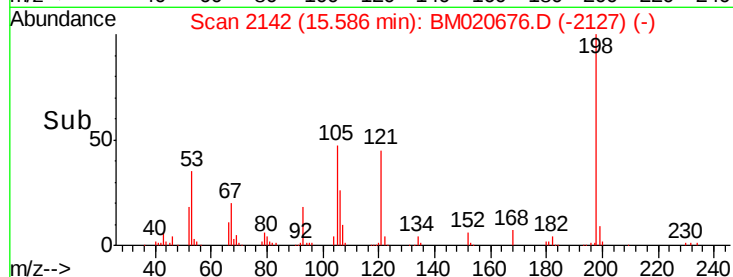
105 46.8 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 33.272 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

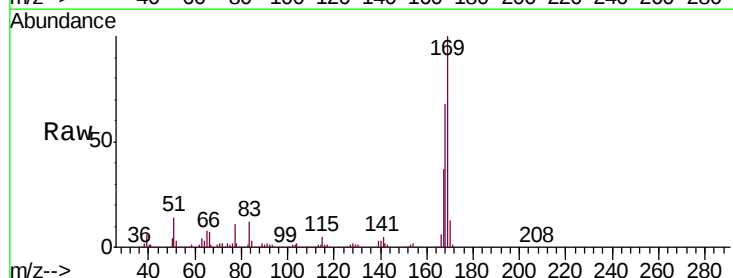
Tgt Ion:169 Resp: 1523035

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

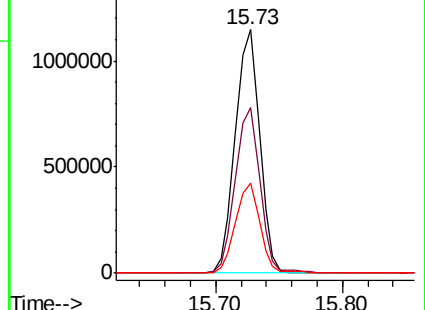
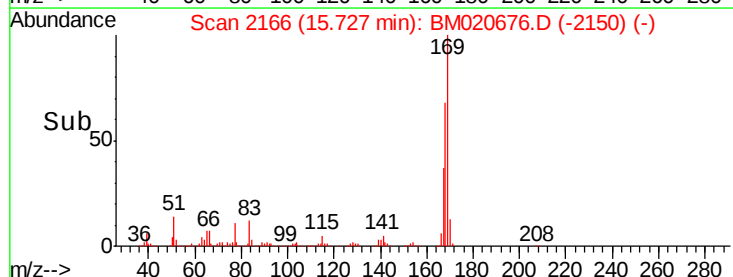
167 36.8 29.1 43.7

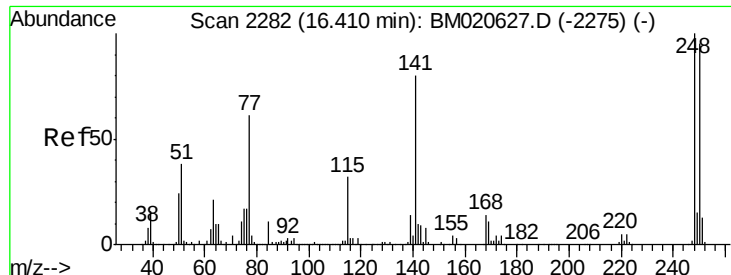


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

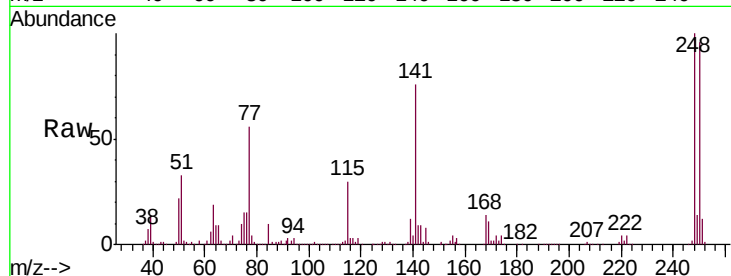




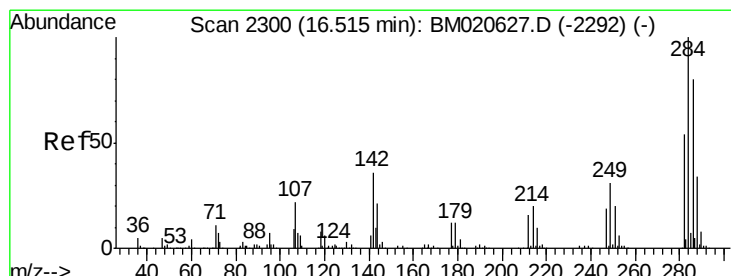
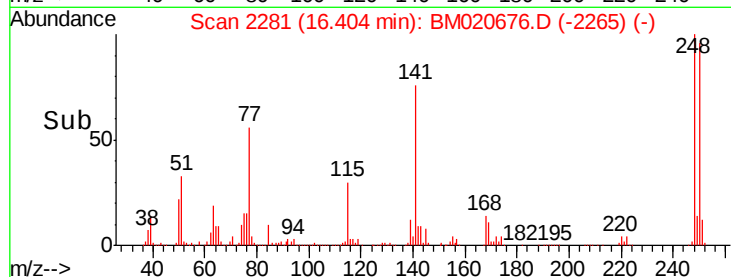
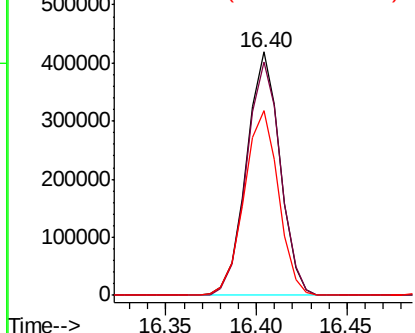
#67
 4-Bromophenyl-phenylether
 Concen: 31.959 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Instrument :
 BNA_M
 ClientSampled :
 PB120221BS

Tgt Ion:248 Resp: 538055
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.3 114.5
 141 75.6 64.2 96.2

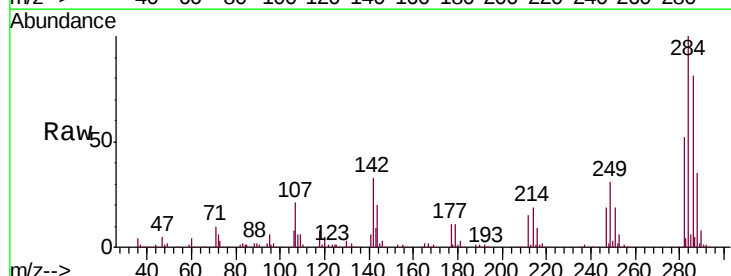


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

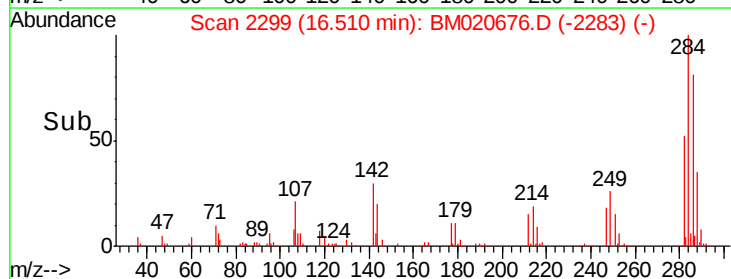
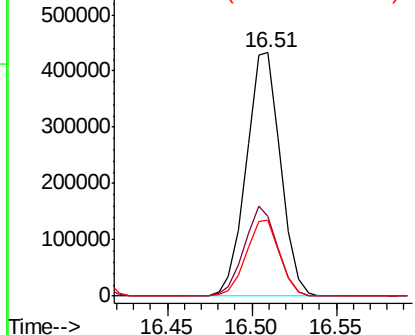


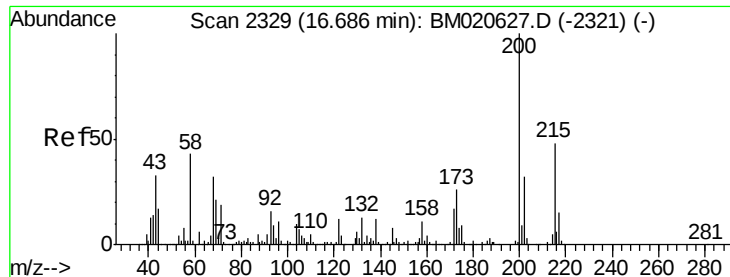
#68
 Hexachlorobenzene
 Concen: 30.905 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:284 Resp: 607574
 Ion Ratio Lower Upper
 284 100
 142 32.6 28.6 42.8
 249 31.0 25.0 37.4



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





#69

Atrazine

Concen: 35.369 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

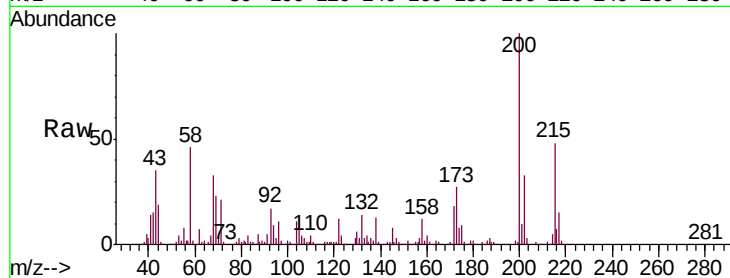
Tgt Ion:200 Resp: 483203

Ion Ratio Lower Upper

200 100

173 27.3 6.2 46.2

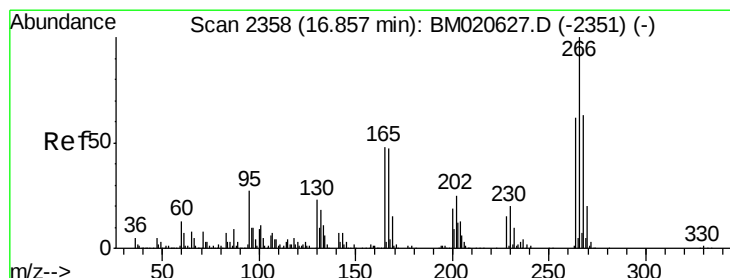
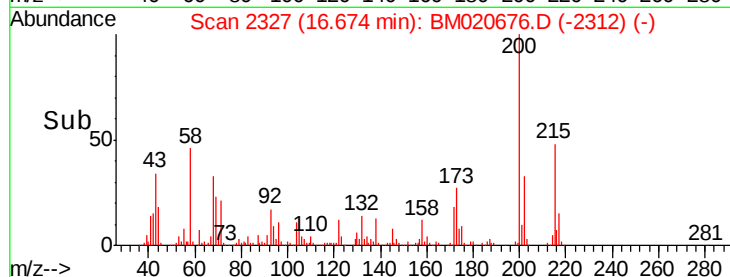
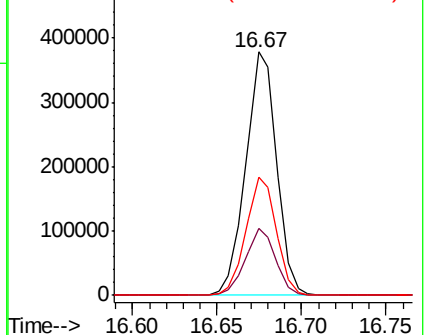
215 48.5 27.7 67.7



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: 70.967 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

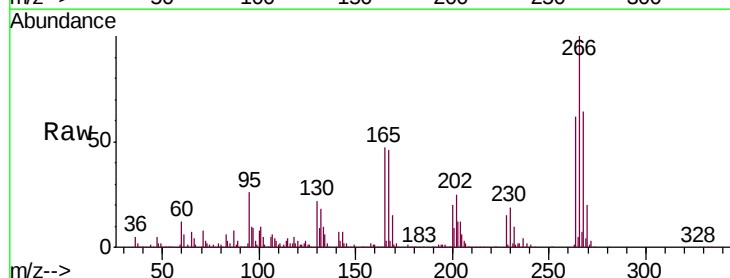
Tgt Ion:266 Resp: 665579

Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

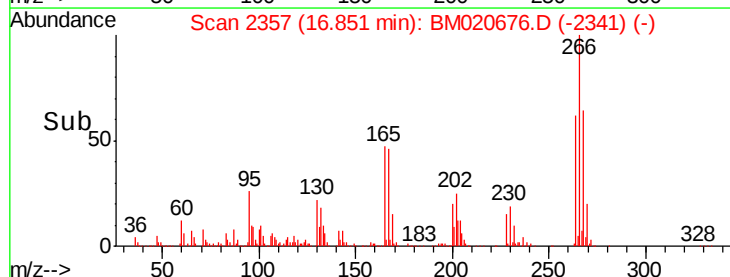
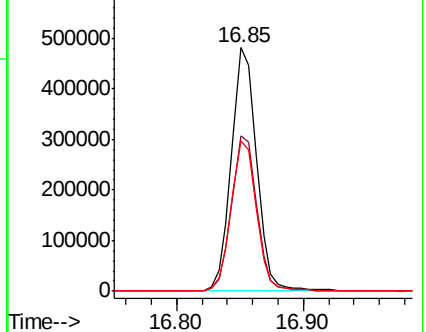
264 61.7 49.6 74.4

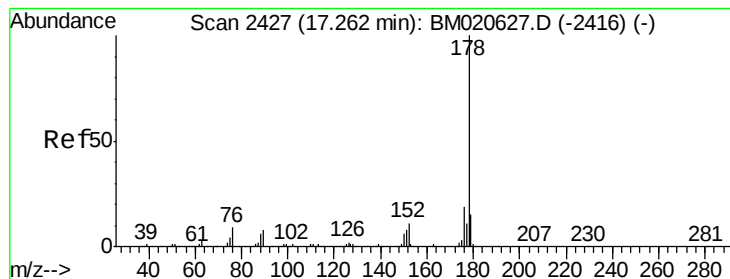


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 31.360 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

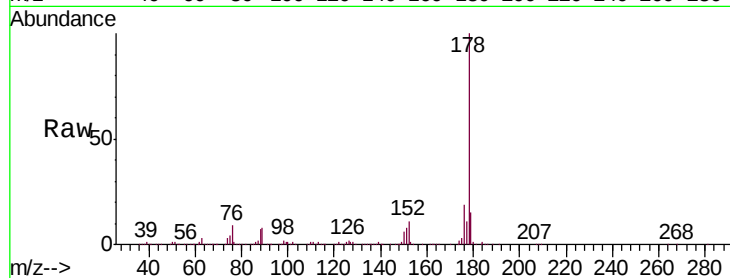
Tgt Ion:178 Resp: 2541801

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

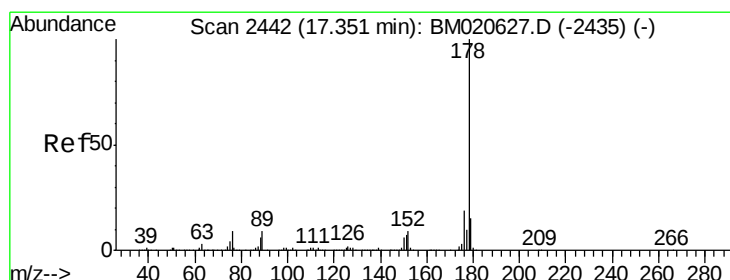
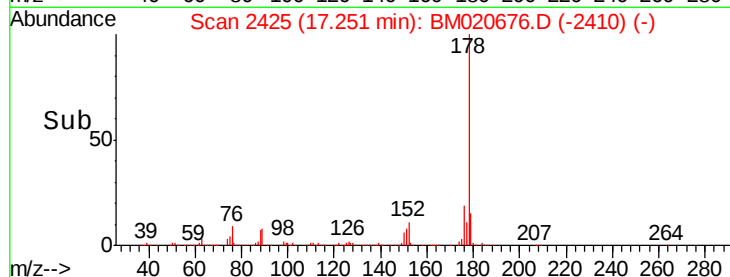
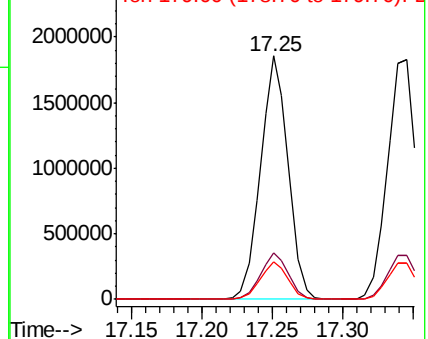
179 15.4 12.2 18.4



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: 32.077 ng

RT: 17.34 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

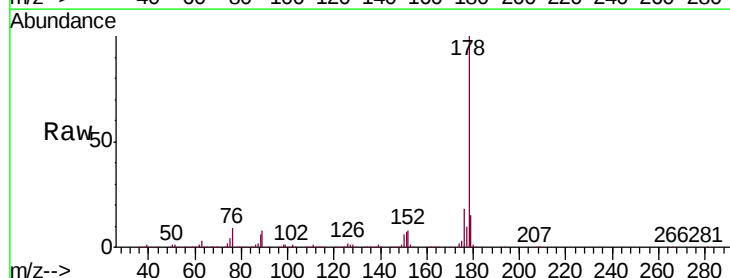
Tgt Ion:178 Resp: 2602170

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

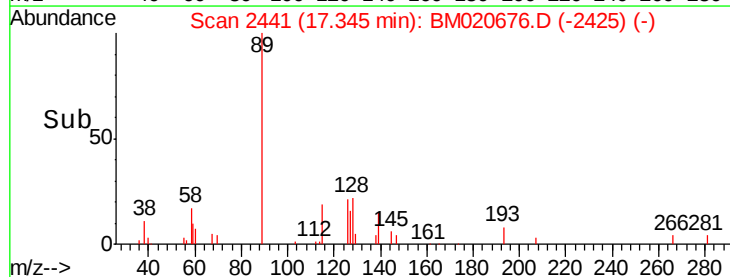
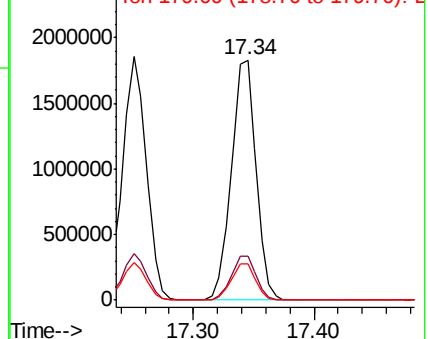
179 15.4 12.3 18.5

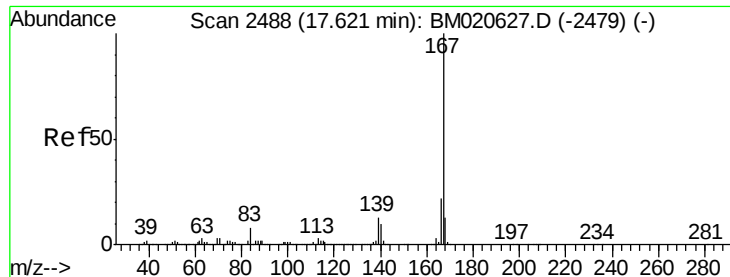


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

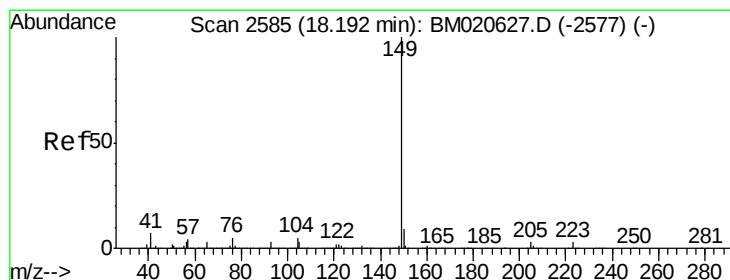
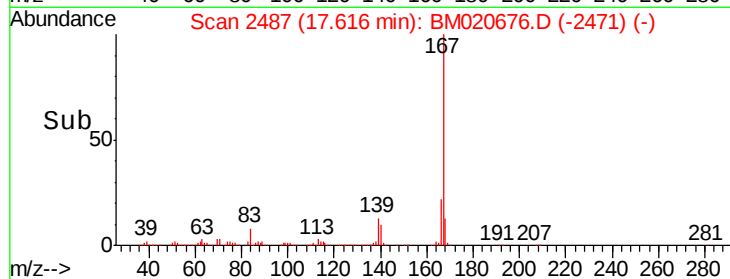
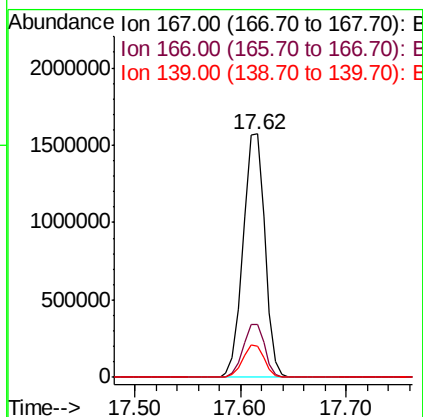
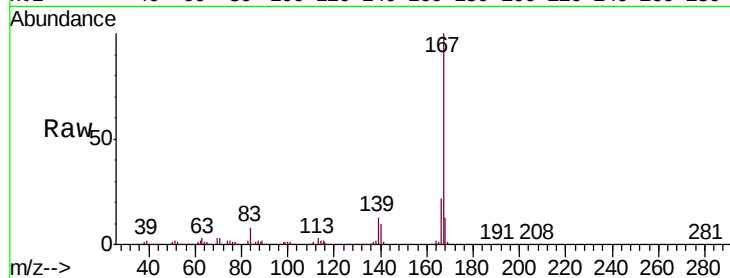




#73
 Carbazole
 Concen: 30.546 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

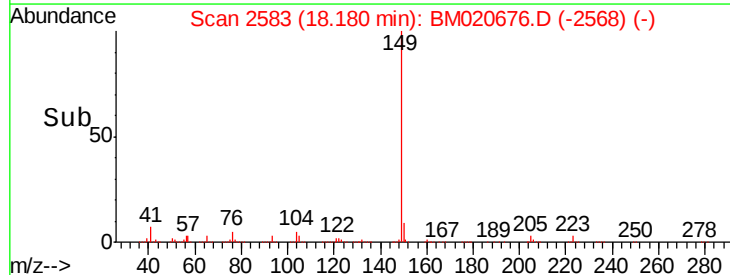
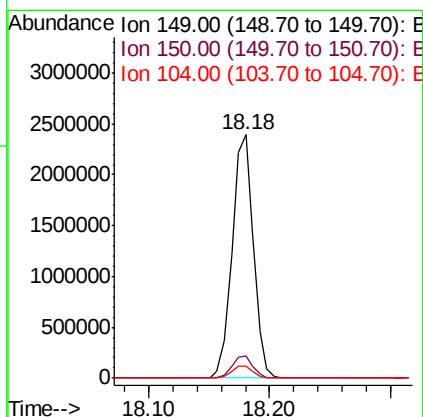
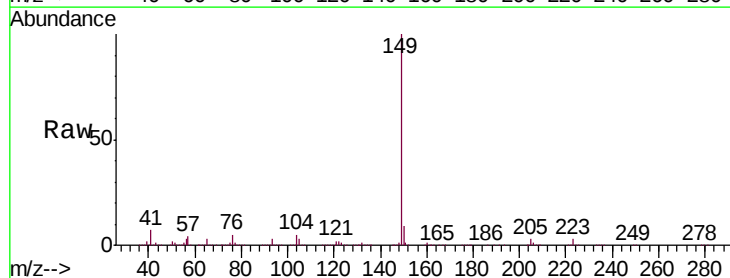
Instrument :
 BNA_M
 ClientSampleId :
 PB120221BS

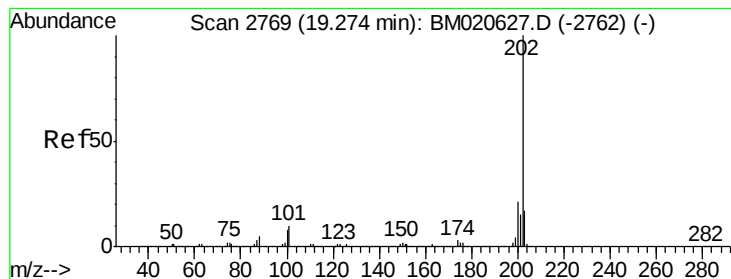
Tgt Ion:167 Resp: 2248666
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 30.634 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020676.D
 Acq: 03 Jun 2019 18:17

Tgt Ion:149 Resp: 2927542
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 29.858 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampled :

PB120221BS

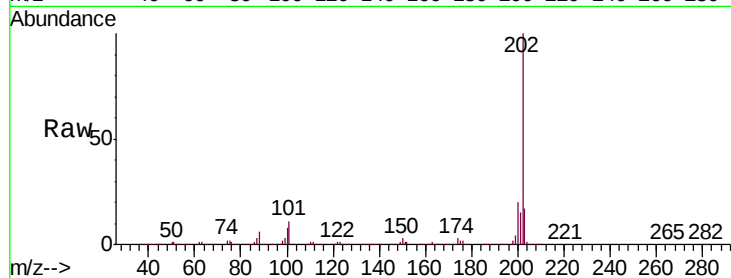
Tgt Ion:202 Resp: 2691331

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.4

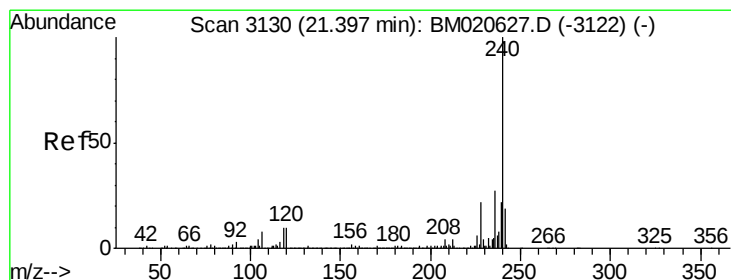
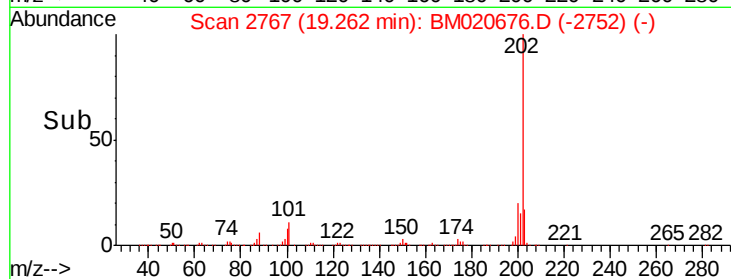
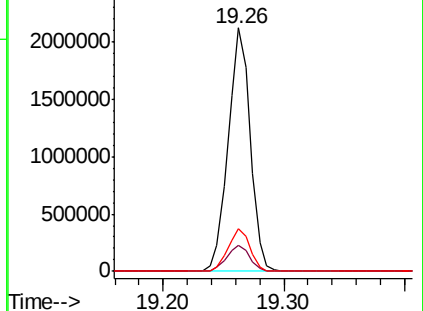
203 17.3 0.0 37.3



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: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

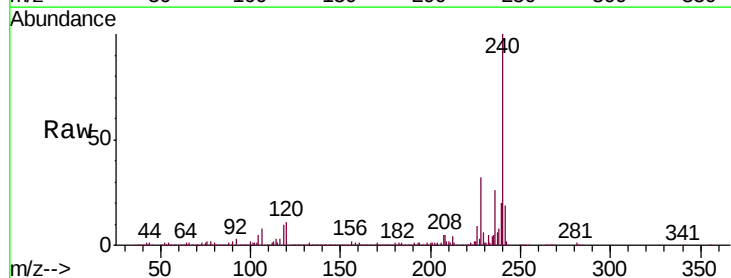
Tgt Ion:240 Resp: 1197817

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.2

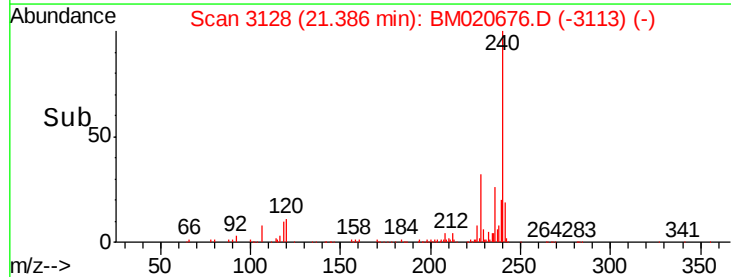
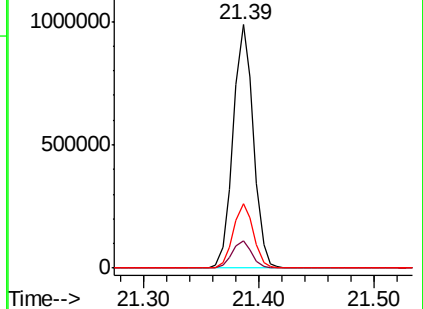
236 26.5 21.2 31.8

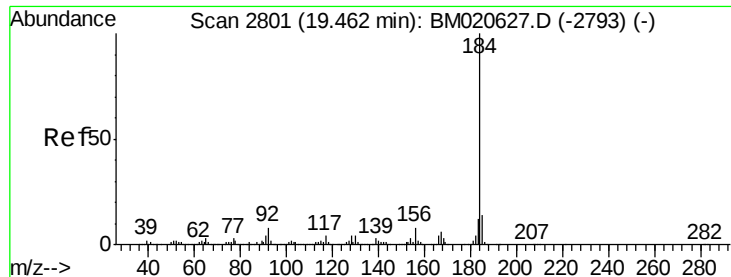


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.581 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

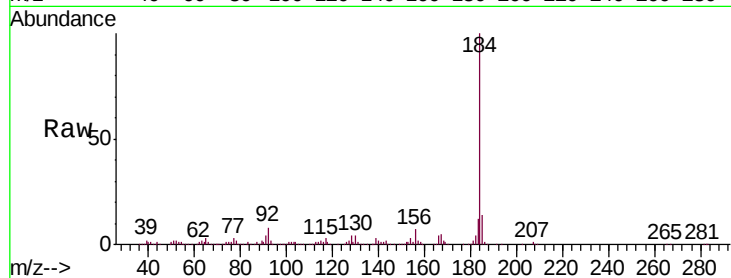
Tgt Ion:184 Resp: 1109929

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

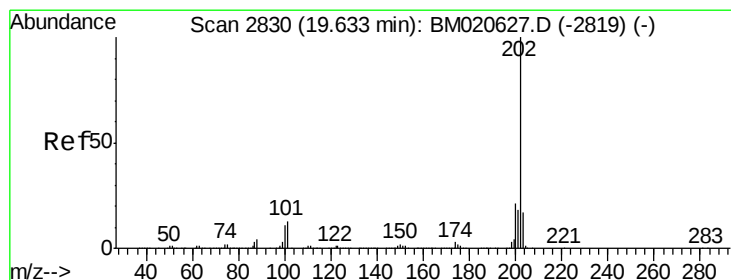
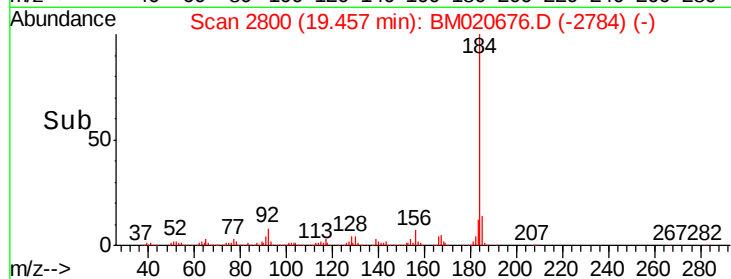
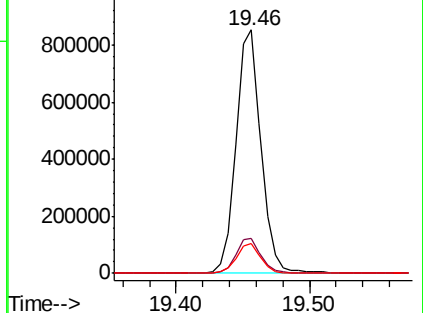
183 12.1 9.8 14.6



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: 29.652 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

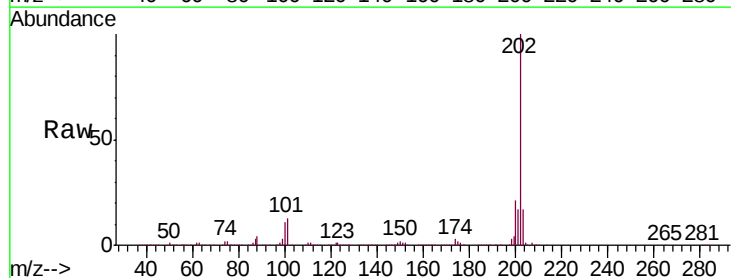
Tgt Ion:202 Resp: 2725533

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

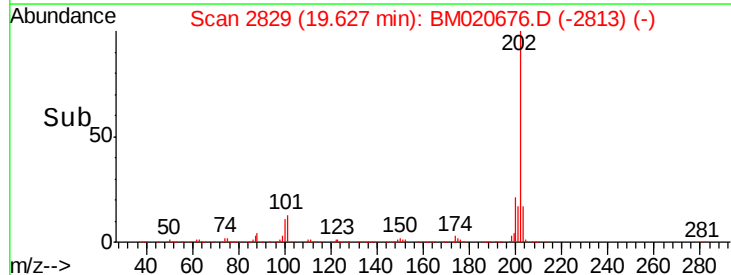
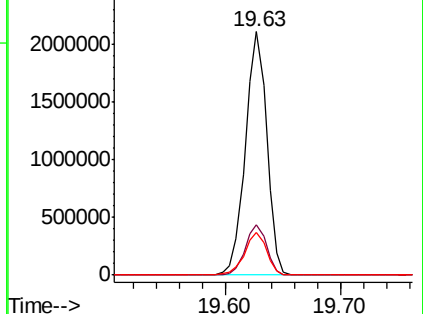
203 17.3 13.9 20.9

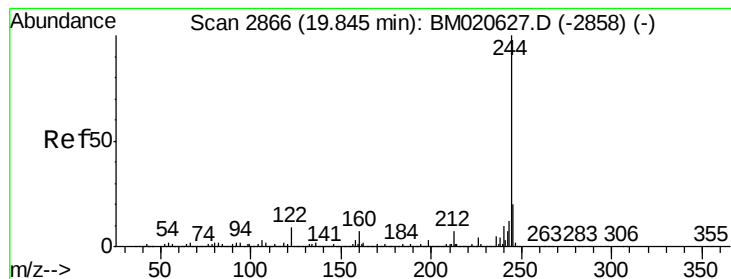


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.511 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

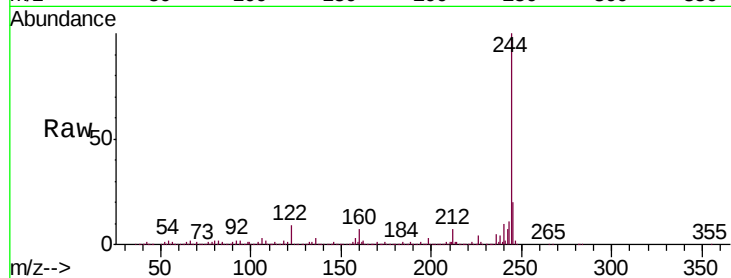
Tgt Ion:244 Resp: 4476554

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

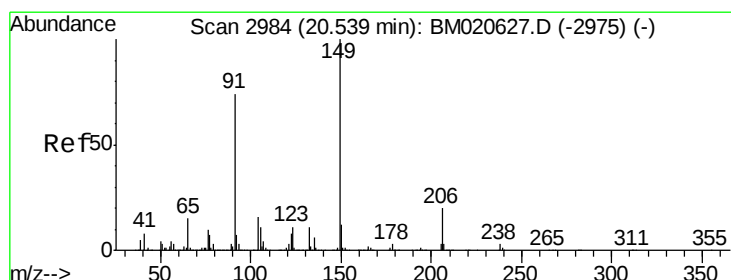
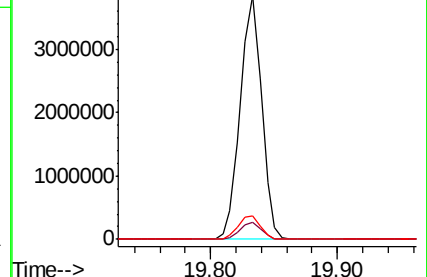
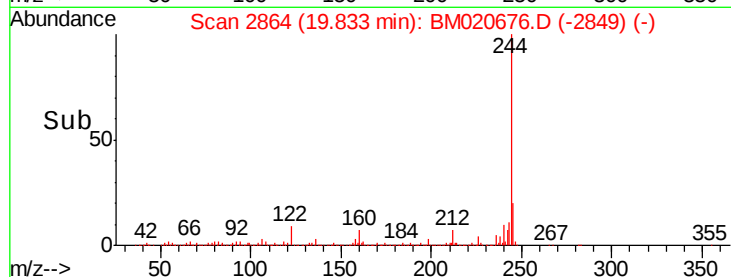
122 9.5 7.2 10.8



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: 29.976 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

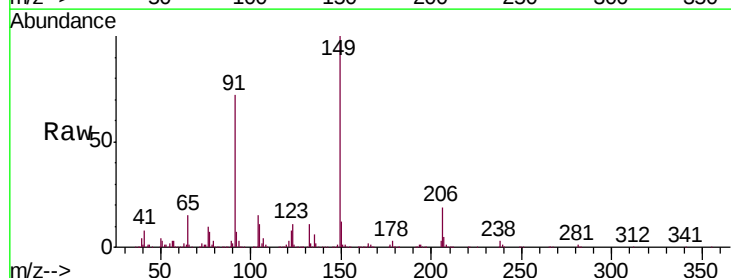
Tgt Ion:149 Resp: 1164404

Ion Ratio Lower Upper

149 100

91 72.3 59.6 89.4

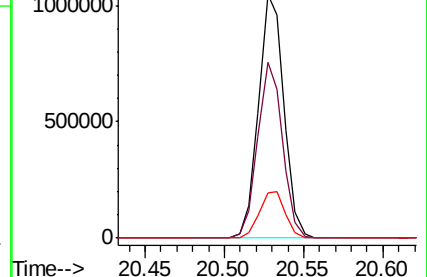
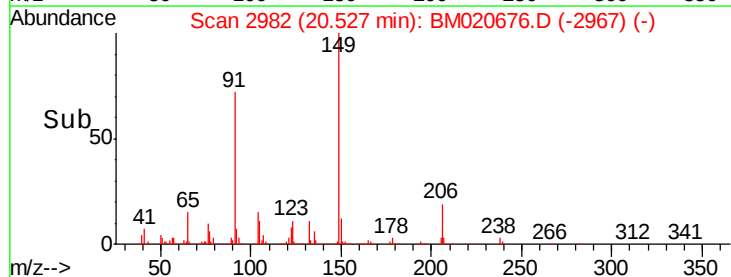
206 18.6 15.7 23.5

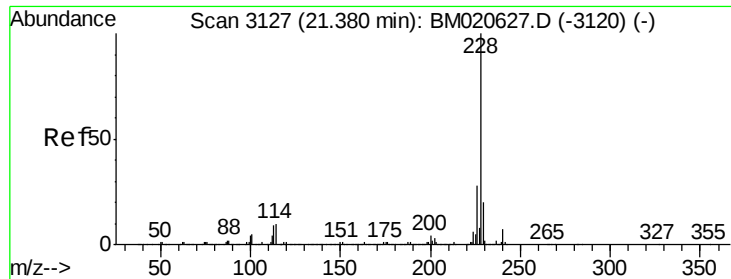


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

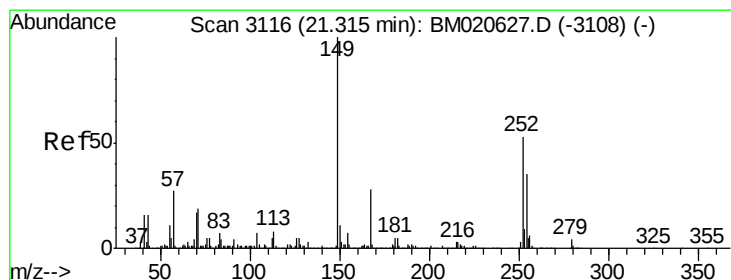
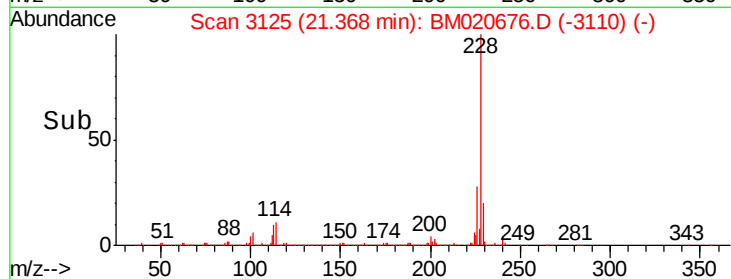
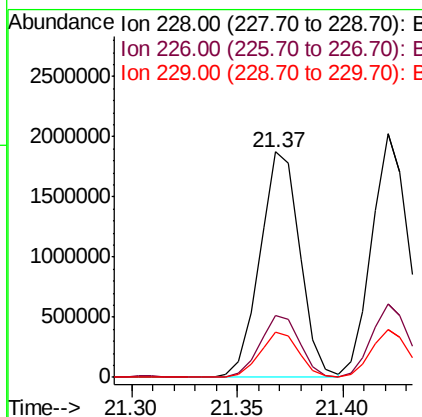
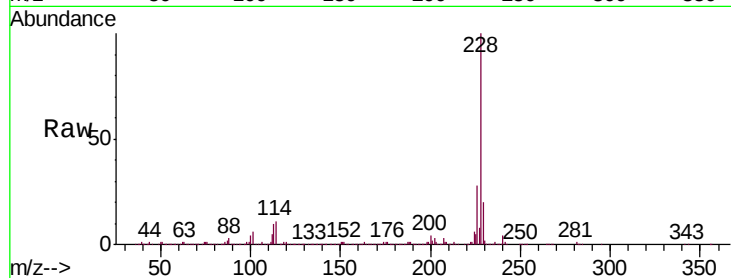




#81
Benzo(a)anthracene
Concen: 29.609 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

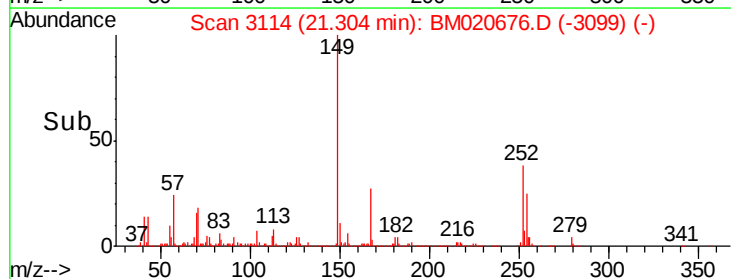
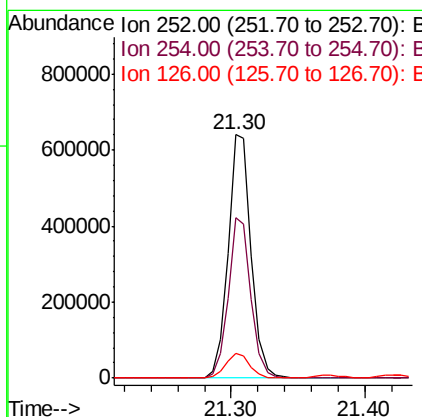
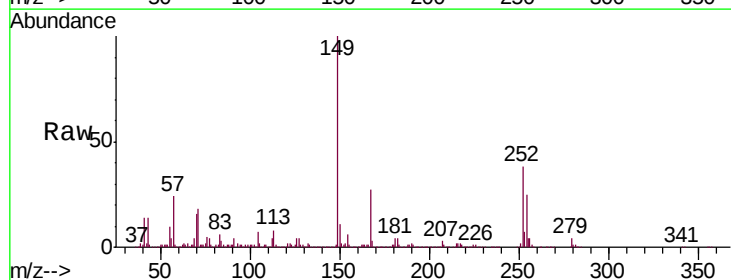
Instrument :
BNA_M
ClientSampleId :
PB120221BS

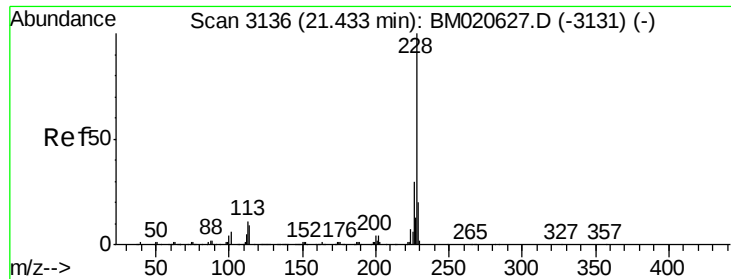
Tgt Ion:228 Resp: 2469788
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 25.270 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:252 Resp: 771881
Ion Ratio Lower Upper
252 100
254 66.1 52.6 78.8
126 10.3 8.0 12.0





#83

Chrysene

Concen: 30.884 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

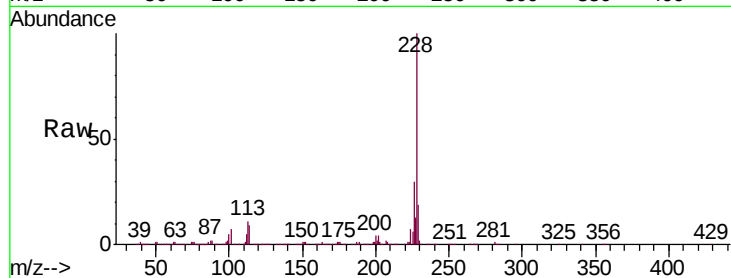
Tgt Ion:228 Resp: 2448820

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

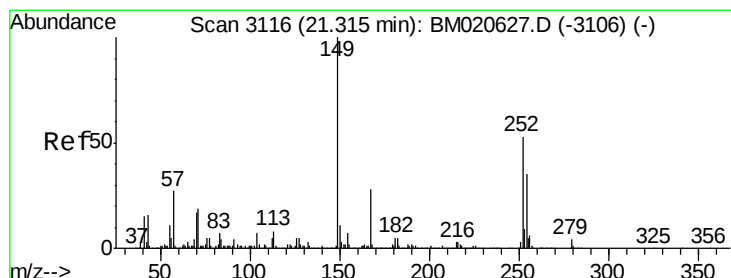
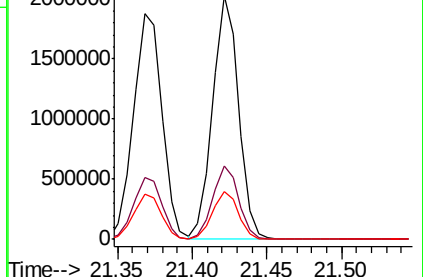
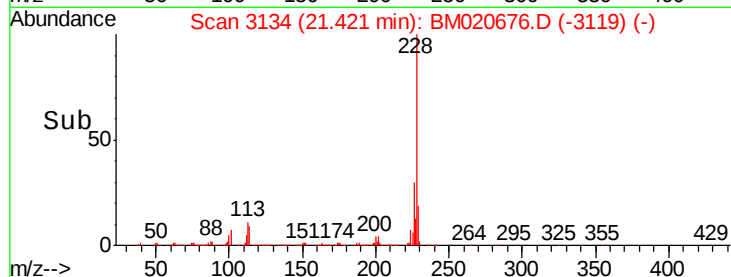
229 19.5 15.8 23.6



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: 30.485 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

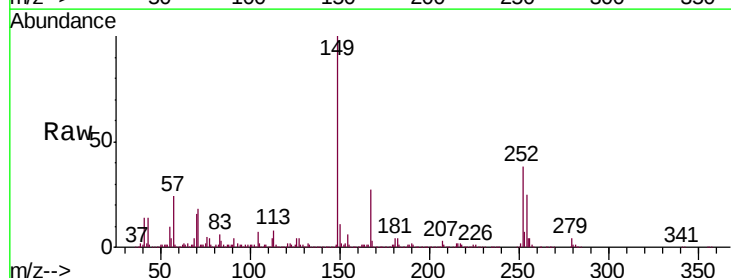
Tgt Ion:149 Resp: 1721105

Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

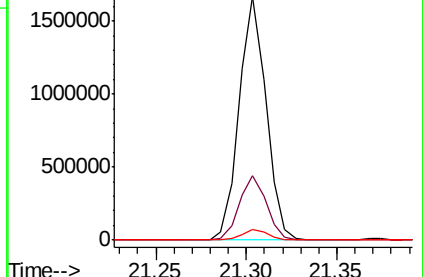
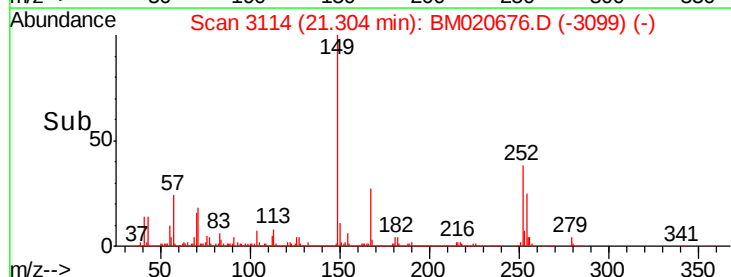
279 4.3 3.4 5.0

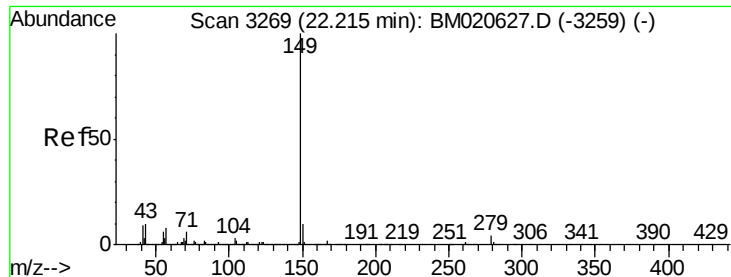


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 31.189 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

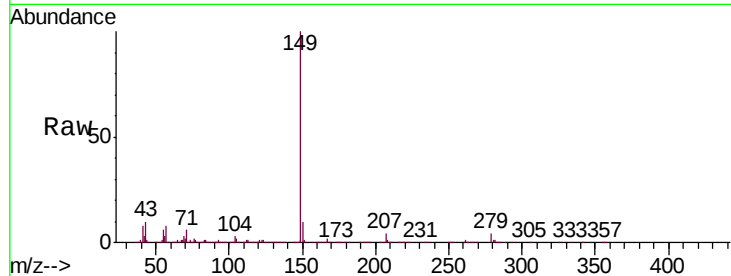
Tgt Ion:149 Resp: 2795503

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

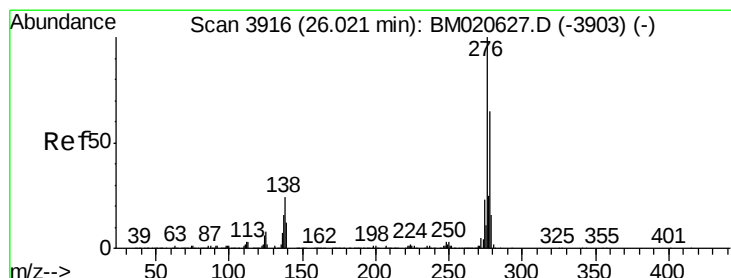
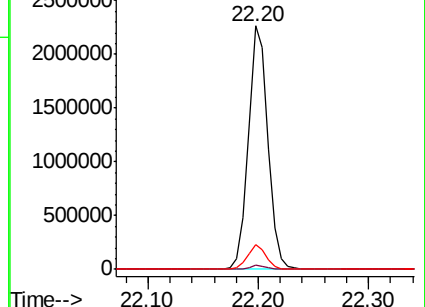
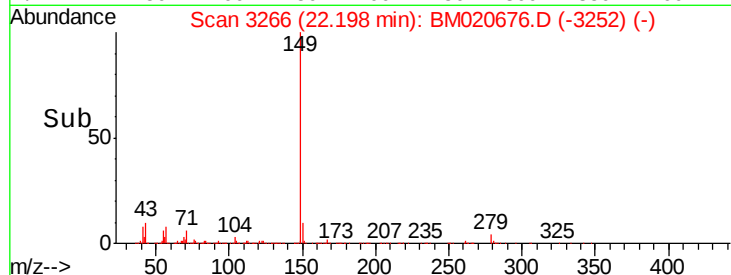
43 9.5 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.217 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

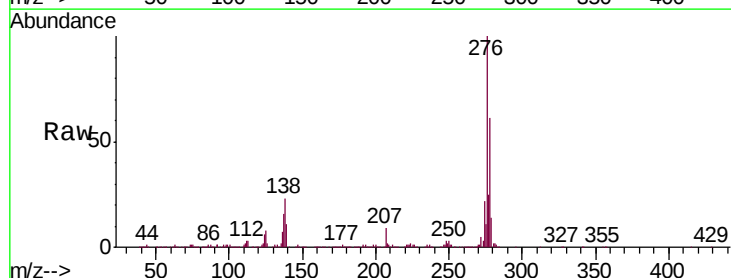
Tgt Ion:276 Resp: 3181183

Ion Ratio Lower Upper

276 100

138 24.6 19.8 29.8

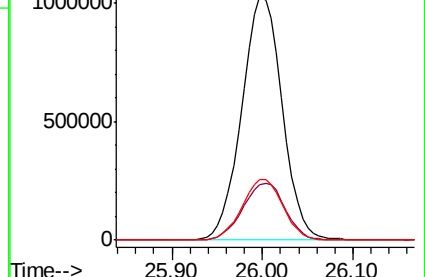
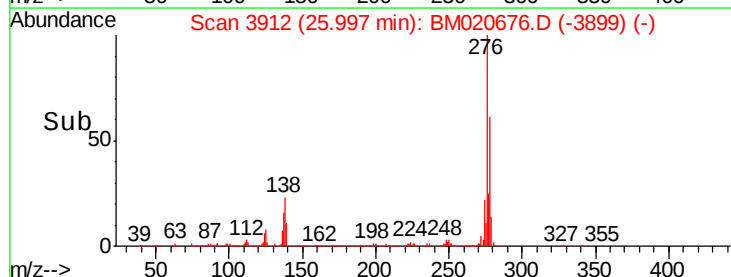
277 25.4 20.2 30.4

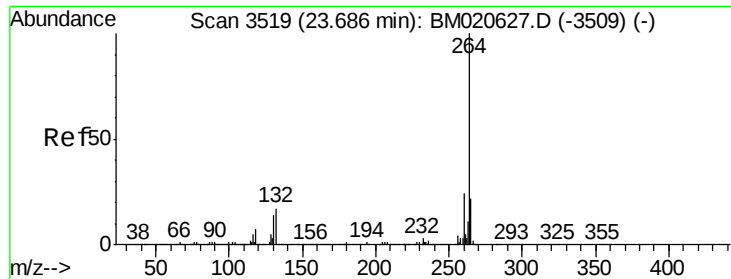


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



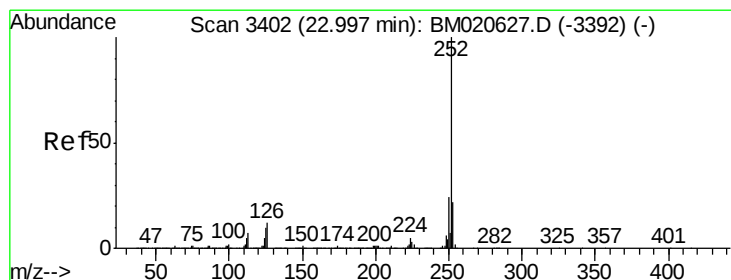
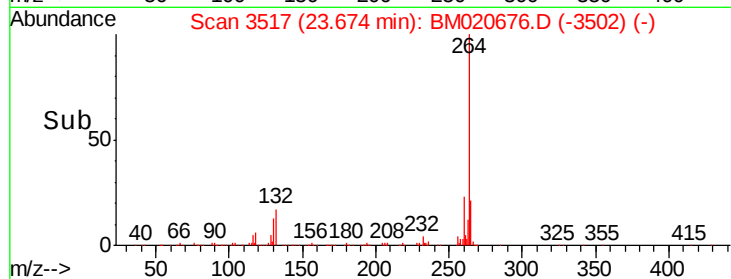
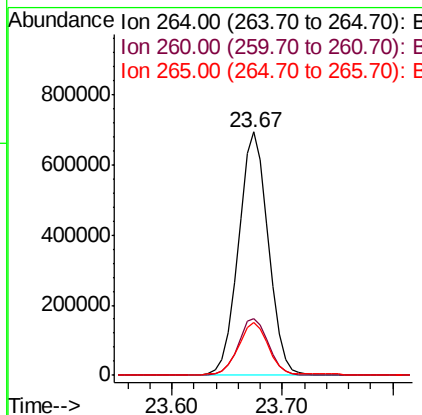
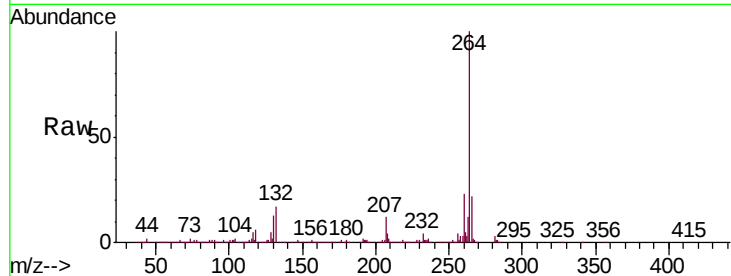


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Instrument :
BNA_M
ClientSampleId :
PB120221BS

Tgt Ion:264 Resp: 1315992

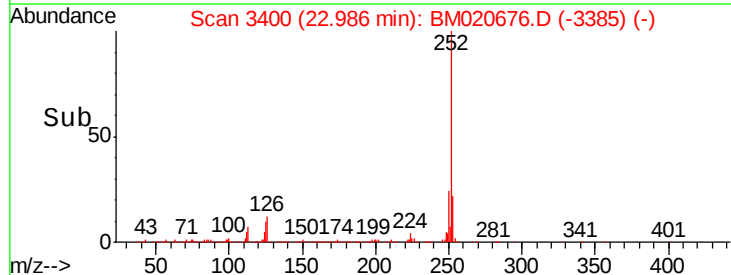
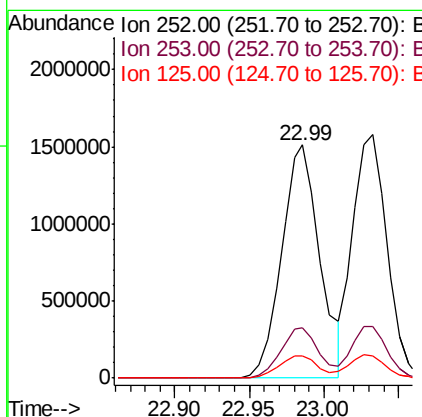
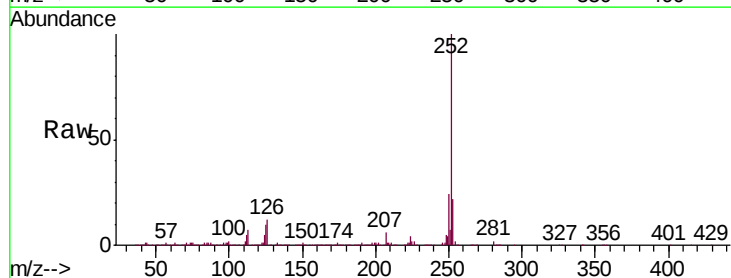
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.6	26.4

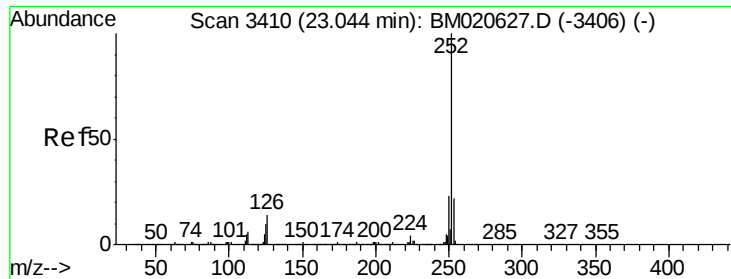


#88
Benzo(b)fluoranthene
Concen: 30.921 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:252 Resp: 2689530

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.6	7.8	11.8

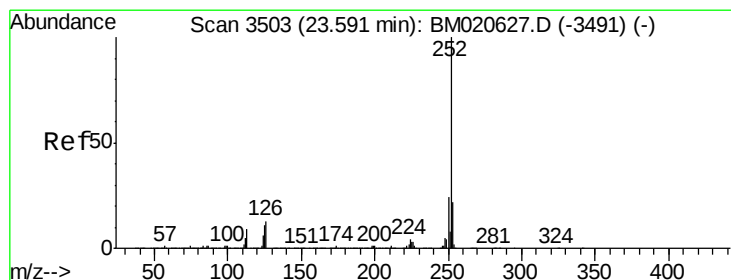
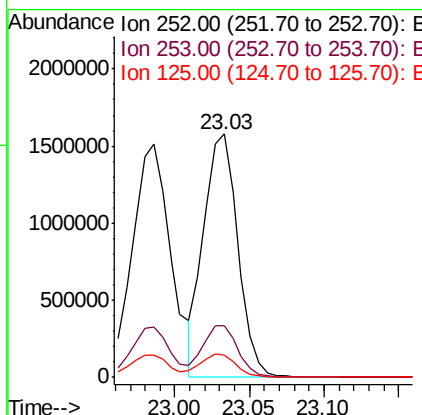
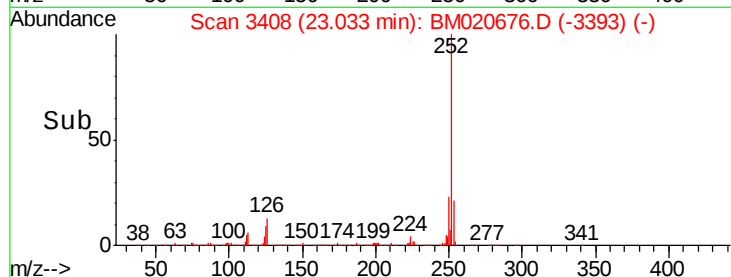
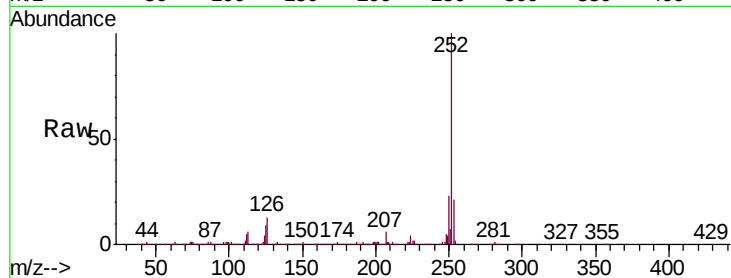




#89
Benzo(k)fluoranthene
Concen: 29.399 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

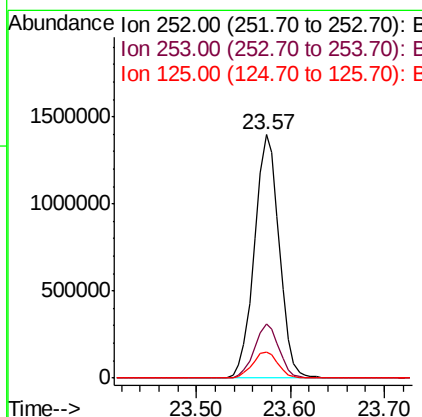
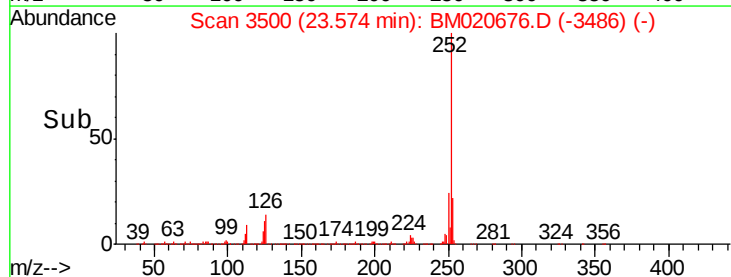
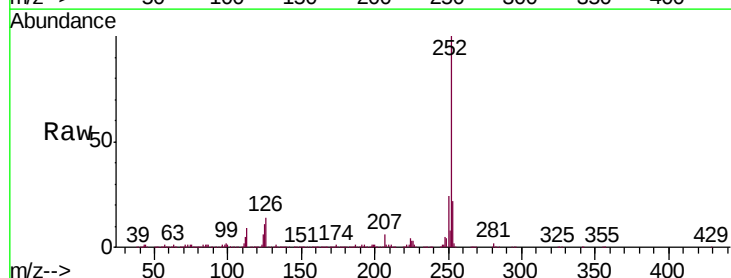
Instrument :
BNA_M
ClientSampleId :
PB120221BS

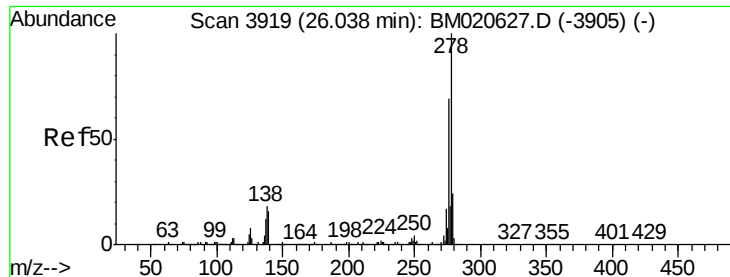
Tgt Ion:252 Resp: 2498920
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.1 7.8 11.8



#90
Benzo(a)pyrene
Concen: 32.253 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020676.D
Acq: 03 Jun 2019 18:17

Tgt Ion:252 Resp: 2544556
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 35.018 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

Instrument :

BNA_M

ClientSampleId :

PB120221BS

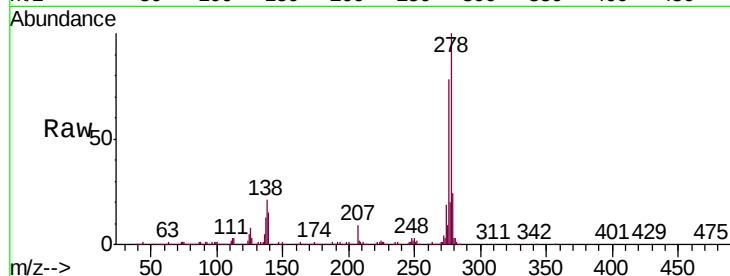
Tgt Ion:278 Resp: 2680306

Ion Ratio Lower Upper

278 100

139 15.5 12.6 18.8

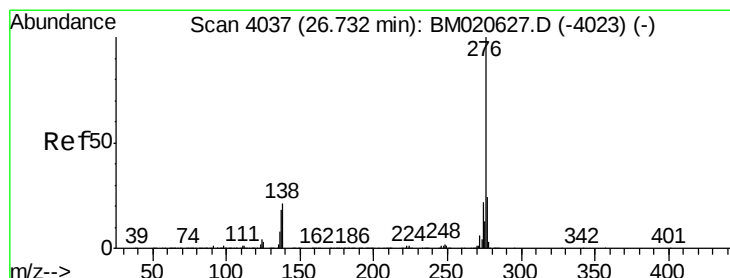
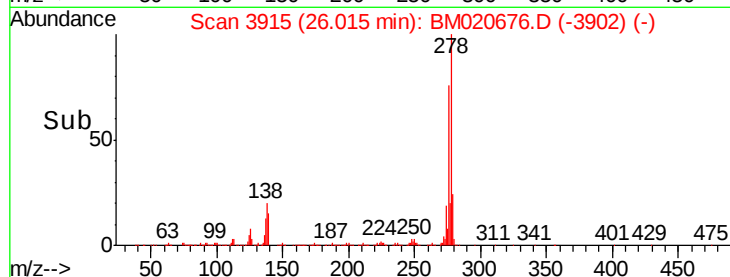
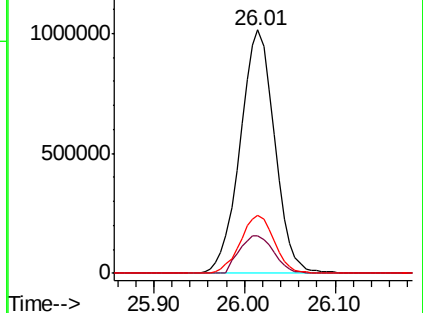
279 24.1 19.0 28.6



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: 36.729 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020676.D

Acq: 03 Jun 2019 18:17

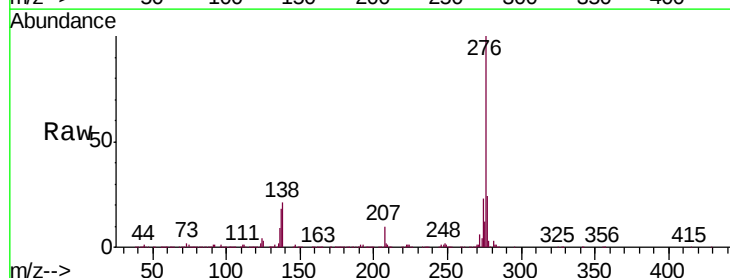
Tgt Ion:276 Resp: 2611263

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.8 17.0 25.4



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

